REMEDIAL INVESTIGATION

OPERABLE UNIT 2

RSR CORPORATION SITE

VOLUME VII

APPENDIX C (Continued)

TAL METALS

008376

JULY 1994

PREPARED BY

RMT/JONES AND NEUSE, INC.

PREPARED FOR

DALLAS HOUSING AUTHORITY

208545

DA940007

JONES & NEUSE

GULF COAST REGION OF RMT

RMT/JONES & NEUSE, INC. — DALLAS, TX
12655 NORTH CENTRAL EXPRESSWAY SUITE 323 75243-1717
214/490-8696 214/490-8695 FAX

153503.03Doc:RIFS0810

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WESTERN ATLAS

Core Laboratories

CORE LABORATORIES
A N A L Y T I C A L R E P O R T

Job Number: 941293
Prepared For:

JONES & NEUSE
MICHAEL WHITEHEAD
12655 N. CENTRAL EXPSWY, SUITE 323
DALLAS, TX 75243

Date: 06/13/94

008377

Signature

Date: 6.15.94

Name: David J. Marshall

Core Laboratories
10703 East Bethany Drive
Aurora, CO 80014

Title: PROJECT COORDINATOR

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WESTERN ATLAS **CORE LABORATORIES**

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Jones & Neuce	PROJECT NAME/NUMBER:	153503.03
SEND REPORT TO:	Michael Whitehead	BILLING INFORMATION	
ADDRESS:	12655 N Central Exp	BILL TO:	
	Suite 323	ADDRESS:	Same
	Dallas, TX 75243		
PHONE:	490-8696	PHONE:	
FAX:	490-8695	FAX:	PO NO.:

LAB JOB NO: 941293

SAMPLE NO.	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	NUMBER OF CONTAINERS	ANALYSIS / METHOD REQUEST: TAL	TCL	TSS & alkalinity	TDS & alkalinity & pH					REMARKS / PRECAUTION
1	RI-MW-03-78 ✓	5/23/94	9:05	Water	Misc	yes	7	✓	✓		✓					well MW 03
2	RI-MW-12-79 ✓	"	10:10	water	misc	yes	2	✓	✓							well MW-12
3	RI-SW-05-80 ✓	"	1140	water	misc	yes	7	✓	✓	✓						SW-05, Fishtrap lake
4	RI-SD-05-81 ✓	"	1155	sed	jars	No	2	✓	✓							Fishtrap lake 0 to 6"
~~5~~	~~RI-SD-05-82~~	"	~~1210~~	~~sed.~~	~~jars~~	~~No~~	MW									no sample
5	RI-SW-06-82 ✓	"	1425	water	misc	yes	4	✓		✓						Fishtrap lake SW-06
6	RI-SD-06-83	"	1430	soil	jar	no	1	✓								0 to 6"
—	~~RI-SD-07-84~~ MW	—	—	—	—	—										No sample
7	RI-SW-07-84	"	1530	water	misc	yes	4	✓		✓						Fishtrap lake SW-07
8	RI-SD-07-85	"	1540	soil	jar	no	1	✓								0 to 6"

SAMPLER: Mike Whitehead / Cheryl Doyle

SHIPMENT METHOD: Pick Up

AIRBILL NO.:

REQUIRED TURNAROUND:* [ ] SAME DAY [ ] 24 HOURS [ ] 48 HOURS [ ] 72 HOURS [ ] 5 DAYS [ ] 10 DAYS [ ] ROUTINE [X] OTHER See Ed York

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Mike Whitehead	5/24/94	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Mike Whitehead / JN	TIME: 1000	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	**2. RECEIVED BY:**	DATE	**3. RECEIVED BY:**	DATE
SIGNATURE: C. Ed York	5/24/94	SIGNATURE: G. Feigitsch	5-25-94	SIGNATURE:	
PRINTED NAME/COMPANY: Core	TIME: 1000	PRINTED NAME/COMPANY: CORE - CO	TIME: 9:30	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

008378

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...heim, California ... Autry Way ...lornia 92805 ...4 ...3

☐ Long Beach, California
3700 Cherry Avenue
Long Beach, California 90807
(310) 595-8401
(800) 814-3433

☐ Denver (Aurora), Colorado
10703 E. Bethany Drive
Aurora, Colorado 80014
(303) 751-1780
(800) 972-2673

☐ Casper, Wyoming
420 West 1st Street
Casper, Wyoming 82601
(307) 235-5741
(800) 666-0603

☐ Houston, Texas
8210 Mosely Road
Houston, Texas 77075
(713) 943-9776
(800) 734-2673

☐ Corpus Christi, Texas
1733 North Padre Island Drive
Corpus Christi, Texas 78408
(512) 289-2673
(800) 548-8228

☐ Lake Charles, Louisiana
3645 Beglis Parkway
Sulphur, Louisiana 706...
(318) 583-4926
(800) 259-4926

WESTERN ATLAS **CORE LABORATORIES**

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Jones & Neuse	PROJECT NAME/NUMBER:	153503.03
SEND REPORT TO:	Mike Whitehead	BILLING INFORMATION	
ADDRESS:	12655 N. Central Exp	BILL TO:	
	Suite 323	ADDRESS:	
	Dallas TX 75243		Same
PHONE:	490-8696	PHONE:	
FAX:		FAX:	PO NO.:

LAB JOB NO 941293

SAMPLE NO.	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	NUMBER OF CONTAINERS	ANALYSIS / METHOD REQUEST: TAL	TCL							REMARKS / PRECAUTION
9	RI-SD-07-86	5/23/94	15:40	Soil	Jar	No	1	✓								6 to 12"
10	RI-~~TB~~-03-87	"	17:35	Water	VOA	No	2		✓							Trip Blank

SAMPLER: Mike Whitehead / Cheryl Doyle

SHIPMENT METHOD: Pick Up

AIRBILL NO.:

REQUIRED TURNAROUND:* [ ] SAME DAY [ ] 24 HOURS [ ] 48 HOURS [ ] 72 HOURS [ ] 5 DAYS [ ] 10 DAYS [ ] ROUTINE [X] OTHER See Ed York

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Mike Whitehead	5/28/94	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Mike Whitehead / JW	TIME 10:00	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	**2. RECEIVED BY:**	DATE	**3. RECEIVED BY:**	DATE
SIGNATURE: C. Ed York	5/24/94	SIGNATURE: J. Feigitsch	5.25.94	SIGNATURE:	
PRINTED NAME/COMPANY: Core	TIME 1000	PRINTED NAME/COMPANY: CORE - CO	TIME 9:30	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

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...E Gene Autry Way
...rnia 92805

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Sulphur, Louisiana 706
(318) 583 4926
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WESTERN ATLAS

Core Laboratories

Sample Delivery Group Narrative

June 8, 1994

Customer: **Jones and Neuse, Inc.**
Project: **DHA**
Core Laboratories Project Number: **941293**

008380

The following information is pertinent to the interpretation of this data package.

The matrix spikes for iron and aluminum were diluted below the CRDL due to high analyte concentrations and were not reported. An acceptable post-digestion spike was performed for these elements and was reported instead. Also, the mercury method spikes were spiked at five times the method recommended level.

Linda L. Benkers
QA/QC Coordinator

Timothy L. Kellogg
Laboratory Supervisor

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WESTERN ATLAS

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LABORATORY TESTS RESULTS

06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 09:35
WORK DESCRIPTION...: RI-MW-03-78

LABORATORY I.D...: 941293-0001
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Alkalinity, Total (Unfilt.)	900	5	mg/L CaCO3	310.1 (1)	06/06/94	RPK
pH (Unfilt.)	7.30	0.01	pH Units	150.1 (1)	06/06/94	RPK
Solids, Total Dissolved (TDS)	1018	10	mg/L	160.1 (1)	05/27/94	RJC
Aluminum, Diss. (Al)	<0.05	0.05	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Aluminum, Total (Al)	<0.05	0.05	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Antimony, Diss. (Sb)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Antimony, Total (Sb)	0.007	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
ic, Diss. (As)	0.007	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Arsenic, Total (As)	0.009	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Barium, Diss. (Ba)	0.73	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Barium, Total (Ba)	0.72	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Beryllium, Diss. (Be)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Beryllium, Total (Be)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Cadmium, Diss. (Cd)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Cadmium, Total (Cd)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Calcium, Diss. (Ca)	233	1.0	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Calcium, Total (Ca)	211	1.0	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Chromium, Diss. (Cr)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Chromium, Total (Cr)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Cobalt, Diss. (Co)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Cobalt, Total (Co)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Copper, Diss. (Cu)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Copper, Total (Cu)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG

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WESTERN ATLAS

Core Laboratories

LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 09:35
WORK DESCRIPTION...: RI-MW-03-78

LABORATORY I.D...: 941293-0001
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Iron, Diss. (Fe)	13.2	0.1	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Iron, Total (Fe)	12.5	0.03	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Lead, Diss. (Pb)	<0.002	0.002	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Lead, Total (Pb)	<0.002	0.002	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Mercury, Diss (Hg)	<0.0002	0.0002	mg/L	CVAA CLP SOW 9/91	06/07/94	LMT
Mercury, Total (Hg)	<0.0002	0.0002	mg/L	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Diss. (Mg)	38.9	0.5	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
sium, Total (Mg)	36.1	0.5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Manganese, Diss. (Mn)	0.38	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Manganese, Total (Mn)	0.36	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Nickel, Diss. (Ni)	<0.04	0.04	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Nickel, Total (Ni)	<0.04	0.04	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Potassium, Diss. (K)	31	5	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Potassium, Total (K)	32	5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Selenium, Diss. (Se)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Selenium, Total (Se)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Silver, Diss. (Ag)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Silver, Total (Ag)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Sodium, Diss. (Na)	84	5	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Sodium, Total (Na)	85	5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Thallium, Diss. (Tl)	0.008	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Thallium, Total (Tl)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Vanadium, Diss. (V)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 09:35
WORK DESCRIPTION...: RI-MW-03-78

LABORATORY I.D...: 941293-0001
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Vanadium, Total (V)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Zinc, Diss. (Zn)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Zinc, Total (Zn)	0.017	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 10:10
WORK DESCRIPTION...: RI-MW-12-79

LABORATORY I.D...: 941293-0002
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

008384

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Aluminum, Total (Al)	31.1	0.2	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Antimony, Total (Sb)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Arsenic, Total (As)	0.055	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Barium, Total (Ba)	1.48	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Beryllium, Total (Be)	0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Cadmium, Total (Cd)	0.006	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Calcium, Total (Ca)	257	1.0	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
[illegible]ium, Total (Cr)	0.07	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Cobalt, Total (Co)	0.04	0.03	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Copper, Total (Cu)	0.19	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Iron, Total (Fe)	178	0.7	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Lead, Total (Pb)	0.324	0.002	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Mercury, Total (Hg)	0.0005	0.0002	mg/L	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Total (Mg)	42.8	0.5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Manganese, Total (Mn)	1.21	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Nickel, Total (Ni)	0.13	0.04	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Potassium, Total (K)	35	5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Selenium, Total (Se)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Silver, Total (Ag)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Sodium, Total (Na)	88	5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Thallium, Total (Tl)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Vanadium, Total (V)	0.10	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Zinc, Total (Zn)	0.925	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG

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WESTERN ATLAS

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 11:40
WORK DESCRIPTION...: RI-SW-05-80

LABORATORY I.D...: 941293-0003
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Alkalinity, Total (Unfilt.)	61	5	mg/L CaCO3	310.1 (1)	06/06/94	RPK
Solids, Total Suspended (TSS)	12	4	mg/L	160.2 (1)	05/27/94	KDS
Aluminum, Diss. (Al)	0.05	0.05	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Aluminum, Total (Al)	0.07	0.05	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Antimony, Diss. (Sb)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Antimony, Total (Sb)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Arsenic, Diss. (As)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
ıic, Total (As)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Barium, Diss. (Ba)	0.02	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Barium, Total (Ba)	0.02	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Beryllium, Diss. (Be)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Beryllium, Total (Be)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Cadmium, Diss. (Cd)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Cadmium, Total (Cd)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Calcium, Diss. (Ca)	23.1	1.0	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Calcium, Total (Ca)	23.0	1.0	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Chromium, Diss. (Cr)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Chromium, Total (Cr)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Cobalt, Diss. (Co)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Cobalt, Total (Co)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Copper, Diss. (Cu)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Copper, Total (Cu)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Iron, Diss. (Fe)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/02/94	WGL

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WESTERN ATLAS

Core Laboratories

LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 11:40
WORK DESCRIPTION...: RI-SW-05-80

LABORATORY I.D...: 941293-0003
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Iron, Total (Fe)	0.26	0.03	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Lead, Diss. (Pb)	<0.002	0.002	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Lead, Total (Pb)	0.004	0.002	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Mercury, Diss (Hg)	<0.0002	0.0002	mg/L	CVAA CLP SOW 9/91	06/07/94	LMT
Mercury, Total (Hg)	0.0003	0.0002	mg/L	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Diss. (Mg)	1.7	0.1	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Magnesium, Total (Mg)	1.7	0.1	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
nese, Diss. (Mn)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Manganese, Total (Mn)	0.09	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Nickel, Diss. (Ni)	<0.04	0.04	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Nickel, Total (Ni)	<0.04	0.04	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Potassium, Diss. (K)	5	5	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Potassium, Total (K)	<5	5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Selenium, Diss. (Se)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Selenium, Total (Se)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Silver, Diss. (Ag)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Silver, Total (Ag)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Sodium, Diss. (Na)	9	5	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Sodium, Total (Na)	7	5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Thallium, Diss. (Tl)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Thallium, Total (Tl)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Vanadium, Diss. (V)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Vanadium, Total (V)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 11:40
WORK DESCRIPTION...: RI-SW-05-80

LABORATORY I.D...: 941293-0003
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Zinc, Diss. (Zn)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Zinc, Total (Zn)	0.011	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG

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JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 11:55
WORK DESCRIPTION...: RI-SD-05-81

LABORATORY I.D...: 941293-0004
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Aluminum, Total (Al)	4250	50	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Antimony, Total (Sb)	1.8	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Arsenic, Total (As)	5.9	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Barium, Total (Ba)	32	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Beryllium, Total (Be)	0.8	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cadmium, Total (Cd)	0.6	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Calcium, Total (Ca)	25700	100	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
nium, Total (Cr)	9	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cobalt, Total (Co)	<3	3	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Copper, Total (Cu)	11	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Iron, Total (Fe)	6830	30	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Lead, Total (Pb)	163	0.2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Mercury, Total (Hg)	<0.10	0.10	mg/Kg	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Total (Mg)	870	50	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Manganese, Total (Mn)	146	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Nickel, Total (Ni)	7	4	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Potassium, Total (K)	1000	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Selenium, Total (Se)	<0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Silver, Total (Ag)	<1	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Sodium, Total (Na)	<500	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Thallium, Total (Tl)	0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Vanadium, Total (V)	12	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Zinc, Total (Zn)	67.0	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 14:25
WORK DESCRIPTION...: RI-SW-06-82

LABORATORY I.D...: 941293-0005
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Alkalinity, Total (Unfilt.)	63	5	mg/L CaCO3	310.1 (1)	06/06/94	RPK
Solids, Total Suspended (TSS)	13	4	mg/L	160.2 (1)	05/27/94	KDS
Aluminum, Diss. (Al)	0.05	0.05	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Aluminum, Total (Al)	0.09	0.05	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Antimony, Diss. (Sb)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Antimony, Total (Sb)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Arsenic, Diss. (As)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
ic, Total (As)	0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Barium, Diss. (Ba)	0.02	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Barium, Total (Ba)	0.03	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Beryllium, Diss. (Be)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Beryllium, Total (Be)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Cadmium, Diss. (Cd)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Cadmium, Total (Cd)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Calcium, Diss. (Ca)	23.8	1.0	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Calcium, Total (Ca)	23.6	1.0	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Chromium, Diss. (Cr)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Chromium, Total (Cr)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Cobalt, Diss. (Co)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Cobalt, Total (Co)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Copper, Diss. (Cu)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Copper, Total (Cu)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Iron, Diss. (Fe)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/02/94	WGL

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WESTERN ATLAS

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 14:25
WORK DESCRIPTION...: RI-SW-06-82

LABORATORY I.D...: 941293-0005
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Iron, Total (Fe)	0.28	0.03	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Lead, Diss. (Pb)	<0.002	0.002	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Lead, Total (Pb)	0.005	0.002	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Mercury, Diss (Hg)	0.0003	0.0002	mg/L	CVAA CLP SOW 9/91	06/07/94	LMT
Mercury, Total (Hg)	0.0002	0.0002	mg/L	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Diss. (Mg)	1.8	0.1	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Magnesium, Total (Mg)	1.7	0.1	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
anese, Diss. (Mn)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Manganese, Total (Mn)	0.11	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Nickel, Diss. (Ni)	<0.04	0.04	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Nickel, Total (Ni)	<0.04	0.04	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Potassium, Diss. (K)	5	5	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Potassium, Total (K)	<5	5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Selenium, Diss. (Se)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Selenium, Total (Se)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Silver, Diss. (Ag)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Silver, Total (Ag)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Sodium, Diss. (Na)	10	5	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Sodium, Total (Na)	8	5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Thallium, Diss. (Tl)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Thallium, Total (Tl)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Vanadium, Diss. (V)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Vanadium, Total (V)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG

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LABORATORY TESTS RESULTS

06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 14:25
WORK DESCRIPTION...: RI-SW-06-82

LABORATORY I.D...: 941293-0005
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Zinc, Diss. (Zn)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Zinc, Total (Zn)	0.016	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 14:30
WORK DESCRIPTION...: RI-SD-06-83

LABORATORY I.D...: 941293-0006
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

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TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Aluminum, Total (Al)	6700	200	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Antimony, Total (Sb)	<0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Arsenic, Total (As)	7.0	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Barium, Total (Ba)	57	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Beryllium, Total (Be)	1.3	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cadmium, Total (Cd)	<0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Calcium, Total (Ca)	39000	5000	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
ium, Total (Cr)	13	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cobalt, Total (Co)	6	3	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Copper, Total (Cu)	8	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Iron, Total (Fe)	18300	200	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Lead, Total (Pb)	9.4	0.2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Mercury, Total (Hg)	<0.10	0.10	mg/Kg	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Total (Mg)	1260	50	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Manganese, Total (Mn)	498	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Nickel, Total (Ni)	15	4	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Potassium, Total (K)	1400	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Selenium, Total (Se)	<0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Silver, Total (Ag)	<1	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Sodium, Total (Na)	<500	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Thallium, Total (Tl)	1.2	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Vanadium, Total (V)	22	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Zinc, Total (Zn)	36.6	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 15:30
WORK DESCRIPTION...: RI-SW-07-84

LABORATORY I.D...: 941293-0007
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

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TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Alkalinity, Total (Unfilt.)	70	5	mg/L CaCO3	310.1 (1)	06/06/94	RPK
Solids, Total Suspended (TSS)	22	4	mg/L	160.2 (1)	05/27/94	KDS
Aluminum, Diss. (Al)	0.06	0.05	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Aluminum, Total (Al)	0.69	0.05	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Antimony, Diss. (Sb)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Antimony, Total (Sb)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Arsenic, Diss. (As)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
(ıic, Total (As)	0.006	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Barium, Diss. (Ba)	0.02	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Barium, Total (Ba)	0.04	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Beryllium, Diss. (Be)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Beryllium, Total (Be)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Cadmium, Diss. (Cd)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Cadmium, Total (Cd)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Calcium, Diss. (Ca)	25.0	1.0	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Calcium, Total (Ca)	32.7	1.0	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Chromium, Diss. (Cr)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Chromium, Total (Cr)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Cobalt, Diss. (Co)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Cobalt, Total (Co)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Copper, Diss. (Cu)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Copper, Total (Cu)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Iron, Diss. (Fe)	<0.03	0.03	mg/L	ICP CLP SOW 9/91	06/02/94	WGL

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WESTERN ATLAS

Core Laboratories

LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 15:30
WORK DESCRIPTION...: RI-SW-07-84

LABORATORY I.D...: 941293-0007
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Iron, Total (Fe)	1.68	0.03	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Lead, Diss. (Pb)	<0.002	0.002	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Lead, Total (Pb)	0.018	0.002	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Mercury, Diss (Hg)	<0.0002	0.0002	mg/L	CVAA CLP SOW 9/91	06/07/94	LMT
Mercury, Total (Hg)	<0.0002	0.0002	mg/L	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Diss. (Mg)	1.8	0.1	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Magnesium, Total (Mg)	2.1	0.1	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
nese, Diss. (Mn)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Manganese, Total (Mn)	0.18	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Nickel, Diss. (Ni)	<0.04	0.04	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Nickel, Total (Ni)	<0.04	0.04	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Potassium, Diss. (K)	5	5	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Potassium, Total (K)	<5	5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Selenium, Diss. (Se)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Selenium, Total (Se)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Silver, Diss. (Ag)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Silver, Total (Ag)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Sodium, Diss. (Na)	10	5	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Sodium, Total (Na)	8	5	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Thallium, Diss. (Tl)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Thallium, Total (Tl)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG
Vanadium, Diss. (V)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Vanadium, Total (V)	<0.01	0.01	mg/L	ICP CLP SOW 9/91	06/03/94	GAG

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WESTERN ATLAS

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 15:30
WORK DESCRIPTION...: RI-SW-07-84

LABORATORY I.D...: 941293-0007
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Zinc, Diss. (Zn)	<0.005	0.005	mg/L	ICP CLP SOW 9/91	06/02/94	WGL
Zinc, Total (Zn)	0.046	0.005	mg/L	ICP CLP SOW 9/91	06/03/94	GAG

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 15:40
WORK DESCRIPTION...: RI-SD-07-85

LABORATORY I.D...: 941293-0008
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

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TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Aluminum, Total (Al)	1920	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Antimony, Total (Sb)	<0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Arsenic, Total (As)	4.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Barium, Total (Ba)	15	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Beryllium, Total (Be)	0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cadmium, Total (Cd)	<0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Calcium, Total (Ca)	55000	2000	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
ium, Total (Cr)	12	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cobalt, Total (Co)	3	3	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Copper, Total (Cu)	6	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Iron, Total (Fe)	11000	60	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Lead, Total (Pb)	125	0.2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Mercury, Total (Hg)	0.14	0.10	mg/Kg	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Total (Mg)	1130	50	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Manganese, Total (Mn)	287	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Nickel, Total (Ni)	10	4	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Potassium, Total (K)	<500	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Selenium, Total (Se)	<0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Silver, Total (Ag)	<1	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Sodium, Total (Na)	<500	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Thallium, Total (Tl)	0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Vanadium, Total (V)	10	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Zinc, Total (Zn)	54.9	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL

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LABORATORY TESTS RESULTS
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: 153503.03
DATE SAMPLED.....: 05/23/94
TIME SAMPLED.....: 15:40
WORK DESCRIPTION...: RI-SD-07-86

LABORATORY I.D...: 941293-0009
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

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TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Aluminum, Total (Al)	5100	100	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Antimony, Total (Sb)	1.6	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Arsenic, Total (As)	5.6	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Barium, Total (Ba)	51	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Beryllium, Total (Be)	1.0	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cadmium, Total (Cd)	<0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Calcium, Total (Ca)	49200	200	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
(ium, Total (Cr)	11	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cobalt, Total (Co)	3	3	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Copper, Total (Cu)	10	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Iron, Total (Fe)	13100	60	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Lead, Total (Pb)	72.4	0.2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Mercury, Total (Hg)	<0.10	0.10	mg/Kg	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Total (Mg)	1090	50	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Manganese, Total (Mn)	185	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Nickel, Total (Ni)	11	4	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Potassium, Total (K)	<500	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Selenium, Total (Se)	<0.5	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Silver, Total (Ag)	<1	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Sodium, Total (Na)	<500	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Thallium, Total (Tl)	1.2	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Vanadium, Total (V)	18	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Zinc, Total (Zn)	42.7	0.5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Solids, Total Suspended (TSS)				DATE/TIME ANALYZED:05/27/94 10:30						QC BATCH NUMBER:297299
REPORTING LIMIT/DF: 4		UNITS:mg/L		METHOD REFERENCE :160.2 (1)						TECHNICIAN:KDS
BLANK	MB	940527	<4							
STANDARD	LCS	G940523A	174			191	91			
DUPLICATE	MD	941293-7	22	22	0					
PARAMETER:Solids, Total Dissolved (TDS)				DATE/TIME ANALYZED:05/27/94 06:45						QC BATCH NUMBER:297389
REPORTING LIMIT/DF: 10		UNITS:mg/L		METHOD REFERENCE :160.1 (1)						TECHNICIAN:RJC
BLANK	MB	940527	<10							
STANDARD	LCS	G940310A	500			500	100			
DUPLICATE	ED	940794-33	60	60	0					
DUPLICATE	MD	941293-1	1020	1010	1					
DUPLICATE	MD	941309-1	2050	1980	3					
DUPLICATE	MD	941310-14	867	869	0					
DUPLICATE	MD	941310-20	917	912	1					
DUPLICATE	MD	941310-25	901	899	0					
METER:Silver, Diss. (Ag)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297616
JRTING LIMIT/DF: 0.01		UNITS:mg/L		METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
STANDARD	CCV	0511J	2.67			2.50	107			
STANDARD	ICV	0223C	2.06			2.00	103			
STANDARD	CCV	0511J	2.61			2.50	104			
STANDARD	ISB	0111K	0.98			1.00	98			
STANDARD	ISB	0111K	1.19			1.00	119			
STANDARD	CRI	0112C	0.04			0.02	200			
STANDARD	CCV	0511J	2.69			2.50	108			
STANDARD	CRI	0112C	0.03			0.02	150			
SPIKE	PDS	941293-003	0.10					<0.01	0.10	100
DUPLICATE	SD/1X	941293-001	<0.01	<0.01	NC					
DUPLICATE	MD	941293-003	<0.01	<0.01	NC					
PARAMETER:Aluminum, Diss. (Al)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297617
REPORTING LIMIT/DF: 0.05		UNITS:mg/L		METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.05							
BLANK	CCB	0510B	<0.05							
BLANK	CCB	0510B	<0.05							
BLANK	CCB	0510B	<0.05							
STANDARD	CRI	0112C	0.11			0.10	110			
STANDARD	CCV	0511G	10.2			10.0	102			
STANDARD	ICV	0223C	2.13			2.00	106			
STANDARD	CCV	0511G	10.5			10.0	105			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Aluminum, Diss. (Al)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297617
REPORTING LIMIT/DF: 0.05 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	ISA	0531M	428			500	86			
STANDARD	ISA	0531M	435			500	87			
STANDARD	ISB	0111K	420			500	84			
STANDARD	CRI	0112C	0.14			0.10	140			
STANDARD	CCV	0511G	10.3			10.0	103			
STANDARD	ISB	0111K	417			500	83			
SPIKE	PDS	941293-003	2.07					0.05	2.00	100
DUPLICATE	SD/1X	941293-001	<0.05	<0.05	NC					
DUPLICATE	MD	941293-003	0.05	0.05	0.00					
PARAMETER:Arsenic, Diss. (As)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297618
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
[illegible]	CCB	0510B	<0.005							
[illegible]DARD	CCV	0511G	2.70			2.50	108			
STANDARD	ICV	0524F	2.17			2.00	108			
STANDARD	CCV	0511G	2.46			2.50	98			
STANDARD	ISB	0111K	0.994			1.00	99			
STANDARD	ISB	0111K	0.891			1.00	89			
STANDARD	CRI	0112C	0.012			0.020	60			
STANDARD	CCV	0511G	2.43			2.50	97			
STANDARD	CRI	0112C	0.010			0.020	50			
SPIKE	PDS	941293-003	2.14					<0.005	2.00	107
DUPLICATE	SD/1X	941293-001	0.007	<0.005	0.007					
DUPLICATE	MD	941293-003	<0.005	<0.005	NC					
PARAMETER:Barium, Diss. (Ba)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297619
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
STANDARD	CCV	0511G	5.11			5.00	102			
STANDARD	ICV	0223C	2.08			2.00	104			
STANDARD	CCV	0511G	5.18			5.00	104			
STANDARD	ISB	0111K	0.45			0.50	90			
STANDARD	ISB	0111K	0.45			0.50	90			
STANDARD	CRI	0112C	0.22			0.20	110			
STANDARD	CCV	0511G	5.03			5.00	101			
STANDARD	CRI	0112C	0.20			0.20	100			
SPIKE	PDS	941293-003	2.08					0.02	2.00	103
DUPLICATE	SD/1X	941293-001	0.73	0.75	3					

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Barium, Diss. (Ba)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297619
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
DUPLICATE	MD	941293-003	0.02	0.02	0.00					0
PARAMETER:Beryllium, Diss. (Be)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297620
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.005							0
BLANK	CCB	0510B	<0.005							0
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
STANDARD	CCV	0511G	2.58			2.50	103			
STANDARD	ICV	0524F	2.11			2.00	106			
STANDARD	CCV	0511G	2.67			2.50	107			
STANDARD	ISB	0111K	0.526			0.500	105			
STANDARD	ISB	0111K	0.531			0.500	106			
STANDARD	CRI	0112C	0.011			0.010	110			
STANDARD	CCV	0511G	2.62			2.50	105			
[illegible]ARD	CRI	0112C	0.010			0.010	100			
[illegible]	PDS	941293-003	0.055					<0.005	0.050	110
DUPLICATE	SD/1X	941293-001	<0.005	<0.005	NC					
DUPLICATE	MD	941293-003	<0.005	<0.005	NC					
PARAMETER:Calcium, Diss. (Ca)				DATE/TIME ANALYZED:06/02/94 10:46						QC BATCH NUMBER:297621
REPORTING LIMIT/DF: 1.0 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<1.0							
BLANK	CCB	0510B	<1.0							
BLANK	CCB	0510B	<1.0							
BLANK	CCB	0510B	<1.0							
STANDARD	CCV	0511J	105			100	105			
STANDARD	ICV	0426F	105			100	105			
STANDARD	CCV	0511J	107			100	107			
STANDARD	ISA	0531M	476			500	95			
STANDARD	ISB	0111K	461			500	92			
STANDARD	ISA	0531M	491			500	98			
STANDARD	ISB	0111K	471			500	94			
STANDARD	CRI	0112C	11.4			10.0	114			
STANDARD	CCV	0511J	103			100	103			
STANDARD	CRI	0112C	10.3			10.0	103			
DUPLICATE	MD	941293-003	23.1	23.2	0					
DUPLICATE	SD/1X	941293-001	233	243	4					
PARAMETER:Cadmium, Diss. (Cd)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297622
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Cadmium, Diss. (Cd)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297622
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
STANDARD	CCV	0511G	1.02			1.00	102			
STANDARD	ICV	0524F	1.97			2.00	98			
STANDARD	CCV	0511G	1.05			1.00	105			
STANDARD	ISB	0111K	0.936			1.00	94			
STANDARD	ISB	0111K	0.959			1.00	96			
STANDARD	CRI	0112C	0.013			0.010	130			
STANDARD	CCV	0511G	1.06			1.00	106			
STANDARD	CRI	0112C	0.012			0.010	120			
SPIKE	PDS	941293-003	0.046					<0.005	0.050	92
DUPLICATE	SD/1X	941293-001	<0.005	<0.005	NC					
DUPLICATE	MD	941293-003	<0.005	<0.005	NC					
PARAMETER:Cobalt, Diss. (Co)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297623
REPORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.03							
BLANK	CCB	0510B	<0.03							
BLANK	CCB	0510B	<0.03							
BLANK	CCB	0510B	<0.03							
STANDARD	CCV	0511G	2.51			2.50	100			
STANDARD	ICV	0524F	2.00			2.00	100			
STANDARD	CCV	0511G	2.56			2.50	102			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CRI	0112C	0.10			0.10	100			
STANDARD	CCV	0511G	2.55			2.50	102			
STANDARD	CRI	0112C	0.10			0.10	100			
SPIKE	PDS	941293-003	0.50					<0.03	0.50	100
DUPLICATE	SD/1X	941293-001	<0.03	<0.03	NC					
DUPLICATE	MD	941293-003	<0.03	<0.03	NC					
PARAMETER:Chromium, Diss. (Cr)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297624
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
STANDARD	CCV	0511G	2.55			2.50	102			
STANDARD	ICV	0524F	2.01			2.00	100			
STANDARD	CCV	0511G	2.61			2.50	104			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CRI	0112C	0.02			0.02	100			

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Chromium, Diss. (Cr)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297624
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	CCV	0511G	2.60			2.50	104			
STANDARD	CRI	0112C	0.02			0.02	100			
SPIKE	PDS	941293-003	0.20					<0.01	0.20	100
DUPLICATE	SD/1X	941293-001	<0.01	<0.01	NC					
DUPLICATE	MD	941293-003	<0.01	<0.01	NC					
PARAMETER:Copper, Diss. (Cu)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297625
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
STANDARD	CCV	0511G	2.59			2.50	104			
STANDARD	ICV	0524F	2.02			2.00	101			
STANDARD	CCV	0511G	2.65			2.50	106			
STANDARD	ISB	0111K	0.48			0.50	96			
STANDARD	ISB	0111K	0.47			0.50	94			
STANDARD	CRI	0112C	0.04			0.04	100			
STANDARD	CCV	0511G	2.58			2.50	103			
STANDARD	CRI	0112C	0.04			0.04	100			
SPIKE	PDS	941293-003	0.26					<0.01	0.25	104
DUPLICATE	MD	941293-003	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941293-001	<0.01	<0.01	NC					
PARAMETER:Iron, Diss. (Fe)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297626
REPORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.03							
BLANK	CCB	0510B	<0.03							
BLANK	CCB	0510B	<0.03							
BLANK	CCB	0510B	<0.03							
STANDARD	CRI	0112C	0.07			0.06	117			
STANDARD	CCV	0511G	5.29			5.00	106			
STANDARD	ICV	0524F	1.96			2.00	98			
STANDARD	CCV	0511G	5.42			5.00	108			
STANDARD	ISA	0531M	179			200	90			
STANDARD	ISA	0531M	183			200	92			
STANDARD	ISB	0111K	177			200	88			
STANDARD	CRI	0112C	0.08			0.06	133			
STANDARD	CCV	0511G	5.19			5.00	104			
STANDARD	ISB	0111K	173			200	86			
SPIKE	PDS	941293-003	1.08					<0.03	1.00	108
DUPLICATE	SD/1X	941293-001	2.65	2.75	4					
DUPLICATE	MD	941293-003	<0.03	<0.03	NC					

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Potassium, Diss. (K)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297627
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<5							
BLANK	CCB	0510B	<5							
BLANK	CCB	0510B	<5							
BLANK	CCB	0510B	<5							
STANDARD	ICV	0223C	21			20	105			
STANDARD	CCV	0511G	10			10	100			
STANDARD	CRI	0112C	10			10	100			
STANDARD	CRI	0112C	11			10	110			
STANDARD	CCV	0511G	10			10	100			
STANDARD	CCV	0511G	10			10	100			
STANDARD	ISB	0111K	10			10	100			
STANDARD	ISB	0111K	10			10	100			
DUPLICATE	SD/1X	941293-001	31	30	3					
DUPLICATE	MD	941293-003	5	5	0					
PARAMETER:Magnesium, Diss. (Mg)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297628
REPORTING LIMIT/DF: 0.1 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.1							
BLANK	CCB	0510B	<0.1							
BLANK	CCB	0510B	<0.1							
BLANK	CCB	0510B	<0.1							
STANDARD	CCV	0511G	2.5			2.5	100			
STANDARD	ICV	0524F	1.9			2.0	95			
STANDARD	CCV	0511G	2.6			2.5	104			
STANDARD	CCV	0511G	2.6			2.5	104			
DUPLICATE	MD	941293-003	1.7	1.8	6					
PARAMETER:Magnesium, Diss. (Mg)				DATE/TIME ANALYZED:06/02/94 10:46						QC BATCH NUMBER:297629
REPORTING LIMIT/DF: 0.5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.5							
BLANK	CCB	0510B	<0.5							
BLANK	CCB	0510B	<0.5							
BLANK	CCB	0510B	<0.5							
STANDARD	CCV	0511J	106			100	106			
STANDARD	ICV	0426F	105			100	105			
STANDARD	CCV	0511J	109			100	109			
STANDARD	ISA	0531M	480			500	96			
STANDARD	ISB	0111K	466			500	93			
STANDARD	ISA	0531M	500			500	100			
STANDARD	ISB	0111K	481			500	96			
STANDARD	CRI	0112C	12.1			10.0	121			
STANDARD	CCV	0511J	104			100	104			
STANDARD	CRI	0112C	10.7			10.0	107			
DUPLICATE	SD/1X	941293-001	38.9	44.0	12					

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Magnesium, Diss. (Mg)				DATE/TIME ANALYZED:06/02/94 10:46						QC BATCH NUMBER:297629
REPORTING LIMIT/DF: 0.5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
PARAMETER:Manganese, Diss. (Mn)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297630
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
STANDARD	CCV	0511G	5.11			5.00	102			
STANDARD	ICV	0524F	2.02			2.00	101			
STANDARD	CCV	0511G	5.21			5.00	104			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511G	5.25			5.00	105			
STANDARD	CRI	0112C	0.02			0.02	100			
[illegible]	PDS	941293-003	0.51					<0.01	0.50	102
[illegible]ICATE	SD/1X	941293-001	0.38	0.40	5					
DUPLICATE	MD	941293-003	<0.01	<0.01	NC					
PARAMETER:Sodium, Diss. (Na)				DATE/TIME ANALYZED:06/02/94 10:46						QC BATCH NUMBER:297631
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<5							
BLANK	CCB	0510B	<5							
BLANK	CCB	0510B	<5							
BLANK	CCB	0510B	<5							
STANDARD	CCV	0511J	52			50	104			
STANDARD	ICV	0426F	53			50	106			
STANDARD	CCV	0511J	54			50	108			
STANDARD	ISA	0531M	551			500	110			
STANDARD	ISB	0111K	534			500	107			
STANDARD	ISA	0531M	572			500	114			
STANDARD	ISB	0111K	550			500	110			
STANDARD	CRI	0112C	10			10	100			
STANDARD	CCV	0511J	53			50	106			
STANDARD	CRI	0112C	8			10	80			
DUPLICATE	MD	941293-003	9	9	0					
DUPLICATE	SD/1X	941293-001	84	95	12					
PARAMETER:Nickel, Diss. (Ni)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297632
REPORTING LIMIT/DF: 0.04 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.04							
BLANK	CCB	0510B	<0.04							
BLANK	CCB	0510B	<0.04							

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Nickel, Diss. (Ni)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297632
REPORTING LIMIT/DF: 0.04 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	CCB	0510B	<0.04							
STANDARD	CCV	0511G	2.65			2.50	106			
STANDARD	ICV	0524F	2.08			2.00	104			
STANDARD	CCV	0511G	2.74			2.50	110			
STANDARD	ISB	0111K	0.94			1.00	94			
STANDARD	ISB	0111K	0.96			1.00	96			
STANDARD	CRI	0112C	0.09			0.08	112			
STANDARD	CCV	0511G	2.74			2.50	110			
STANDARD	CRI	0112C	0.08			0.08	100			
SPIKE	PDS	941293-003	0.52					<0.04	0.50	104
DUPLICATE	SD/1X	941293-001	<0.04	<0.04	NC					
DUPLICATE	MD	941293-003	<0.04	<0.04	NC					
PARAMETER:Lead, Diss. (Pb)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297633
REPORTING LIMIT/DF: 0.002 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
	ICB	0510B	<0.002							
	CCB	0510B	<0.002							
BLANK	CCB	0510B	<0.002							
BLANK	CCB	0510B	<0.002							
STANDARD	CCV	0511G	1.01			1.00	101			
STANDARD	ICV	0524F	1.96			2.00	98			
STANDARD	CCV	0511G	1.03			1.00	103			
STANDARD	ISB	0111K	0.950			1.00	95			
STANDARD	ISB	0111K	0.959			1.00	96			
STANDARD	CRI	0112C	0.006			0.006	100			
STANDARD	CCV	0511G	1.04			1.00	104			
STANDARD	CRI	0112C	0.007			0.006	117			
SPIKE	PDS	941293-003	0.497					<0.002	0.500	99
DUPLICATE	SD/1X	941293-001	<0.002	<0.002	NC					
DUPLICATE	MD	941293-003	<0.002	<0.002	NC					
PARAMETER:Antimony, Diss. (Sb)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297634
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
STANDARD	CCV	0511G	2.59			2.50	104			
STANDARD	ICV	0524F	2.08			2.00	104			
STANDARD	CCV	0511G	2.65			2.50	106			
STANDARD	ISB	0111K	0.955			1.00	96			
STANDARD	ISB	0111K	0.963			1.00	96			
STANDARD	CRI	0112C	0.007			0.006	117			
STANDARD	CCV	0511G	2.57			2.50	103			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Antimony, Diss. (Sb)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297634
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	CRI	0112C	0.009			0.006	150			
SPIKE	PDS	941293-003	1.01					<0.005	1.00	101
DUPLICATE	SD/1X	941293-001	<0.005	<0.005	NC					
DUPLICATE	MD	941293-003	<0.005	<0.005	NC					
PARAMETER:Selenium, Diss. (Se)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297635
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
STANDARD	CCV	0511G	2.65			2.50	106			
STANDARD	ICV	0524F	2.13			2.00	106			
STANDARD	CCV	0511G	2.47			2.50	99			
STANDARD	ISB	0111K	0.999			1.00	100			
ARD	ISB	0111K	0.913			1.00	91			
ARD	CRI	0112C	0.007			0.010	70			
STANDARD	CCV	0511G	2.40			2.50	96			
STANDARD	CRI	0112C	0.010			0.010	100			
SPIKE	PDS	941293-003	2.21					<0.005	2.00	110
DUPLICATE	SD/1X	941293-001	<0.005	<0.005	NC					
DUPLICATE	MD	941293-003	<0.005	<0.005	NC					
PARAMETER:Thallium, Diss. (Tl)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297636
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
STANDARD	CCV	0511G	1.06			1.00	106			
STANDARD	ICV	0524F	1.93			2.00	96			
STANDARD	CCV	0511G	1.02			1.00	102			
STANDARD	ISB	0111K	1.03			1.00	103			
STANDARD	ISB	0111K	1.03			1.00	103			
STANDARD	CRI	0112C	0.018			0.010	180			
STANDARD	CCV	0511G	1.02			1.00	102			
STANDARD	CRI	0112C	0.009			0.010	90			
SPIKE	PDS	941293-003	1.99					<0.005	2.00	100
DUPLICATE	SD/1X	941293-001	0.008	<0.005	0.008					
DUPLICATE	MD	941293-003	<0.005	<0.005	NC					
PARAMETER:Vanadium, Diss. (V)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297637
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.01							

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Vanadium, Diss. (V)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297637
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
BLANK	CCB	0510B	<0.01							
STANDARD	CCV	0511G	2.57			2.50	103			
STANDARD	ICV	0524F	2.04			2.00	102			
STANDARD	CCV	0511G	2.63			2.50	105			
STANDARD	ISB	0111K	0.47			0.50	94			
STANDARD	ISB	0111K	0.48			0.50	96			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511G	2.60			2.50	104			
STANDARD	CRI	0112C	0.02			0.02	100			
SPIKE	PDS	941293-003	0.51					<0.01	0.50	102
DUPLICATE	SD/1X	941293-001	<0.01	<0.01	NC					
DUPLICATE	MD	941293-003	<0.01	<0.01	NC					
PARAMETER:Zinc, Diss. (Zn)				DATE/TIME ANALYZED:06/02/94 10:54						QC BATCH NUMBER:297638
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
BLANK	CCB	0510B	<0.005							
STANDARD	CCV	0511G	2.60			2.50	104			
STANDARD	ICV	0524F	2.05			2.00	102			
STANDARD	CCV	0511G	2.66			2.50	106			
STANDARD	ISB	0111K	0.955			1.00	96			
STANDARD	ISB	0111K	0.962			1.00	96			
STANDARD	CRI	0112C	0.113			0.100	113			
STANDARD	CCV	0511G	2.64			2.50	106			
STANDARD	CRI	0112C	0.103			0.100	103			
SPIKE	PDS	941293-003	0.528					<0.005	0.500	106
DUPLICATE	SD/1X	941293-001	<0.005	<0.005	NC					
DUPLICATE	MD	941293-003	<0.005	<0.005	NC					
PARAMETER:Silver, Total (Ag)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297803
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
STANDARD	LCS	0506A	0.98			1.00	98			
STANDARD	CCV	0511K	2.71			2.50	108			
STANDARD	ISB	0111K	0.95			1.00	95			
STANDARD	CCV	0511K	2.70			2.50	108			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Silver, Total (Ag)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297803
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
STANDARD	CRI	0112C	0.03			0.02	150			
STANDARD	ISB	0111K	0.92			1.00	92			
STANDARD	CRI	0112C	0.08			0.02	400			
STANDARD	CCV	0511K	2.74			2.50	110			
STANDARD	ICV	0314B	1.05			1.00	105			
SPIKE	PDS	941293-002	0.10					<0.01	0.10	100
SPIKE	MS	941293-002	0.10					<0.01	0.10	100
DUPLICATE	MD	941293-001	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941293-001	<0.01	<0.01	NC					
PARAMETER:Aluminum, Total (Al)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297804
REPORTING LIMIT/DF: 0.05 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.05							
BLANK	MB	0602	<0.05							
[illegible]	CCB	0524I	<0.05							
[illegible]	CCB	0524I	<0.05							
[illegible]	CCB	0524I	<0.05							
STANDARD	ICV	0314B	1.02			1.00	102			
STANDARD	LCS	0506A	0.98			1.00	98			
STANDARD	CCV	0511H	9.72			10.0	97			
STANDARD	ISA	0531M	426			500	85			
STANDARD	CCV	0511H	9.77			10.0	98			
STANDARD	ISB	0111K	413			500	83			
STANDARD	ISA	0531M	429			500	86			
STANDARD	ISB	0111K	416			500	83			
STANDARD	CRI	0112C	0.14			0.10	140			
STANDARD	CCV	0511H	9.78			10.0	98			
STANDARD	CRI	0112C	0.12			0.10	120			
SPIKE	PDS	941293-002	7.99					6.21	2.00	89
SPIKE	MS	941293-002	9.75					6.21	0.40	885
DUPLICATE	MD	941293-001	<0.05	<0.05	NC					
DUPLICATE	SD/1X	941293-001	<0.05	<0.05	NC					
PARAMETER:Arsenic, Total (As)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297805
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
STANDARD	LCS	0506A	1.01			1.00	101			
STANDARD	CCV	0511H	2.60			2.50	104			
STANDARD	ISB	0111K	0.926			1.00	93			
STANDARD	CCV	0511H	2.59			2.50	104			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Arsenic, Total (As)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297805
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
STANDARD	CRI	0112C	0.010			0.020	50			
STANDARD	ISB	0111K	0.936			1.00	94			
STANDARD	CRI	0112C	0.013			0.020	65			
STANDARD	CCV	0511H	2.61			2.50	104			
STANDARD	ICV	0511A	2.15			2.00	108			
SPIKE	MS	941293-002	2.11					0.055	2.00	103
DUPLICATE	MD	941293-001	0.009	0.006	0.003					
DUPLICATE	SD/1X	941293-001	0.009	0.015	0.006					
PARAMETER:Barium, Total (Ba)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297806
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
[illegible]	CCB	0524I	<0.01							
STANDARD	LCS	0506A	0.98			1.00	98			
STANDARD	CCV	0511H	5.09			5.00	102			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CCV	0511H	5.10			5.00	102			
STANDARD	CRI	0112C	0.22			0.20	110			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CRI	0112C	0.22			0.20	110			
STANDARD	CCV	0511H	5.13			5.00	103			
STANDARD	ICV	0314B	1.04			1.00	104			
SPIKE	MS	941293-002	3.49					1.48	2.00	101
DUPLICATE	MD	941293-001	0.72	0.73	1					
DUPLICATE	SD/1X	941293-001	0.72	0.75	4					
PARAMETER:Beryllium, Total (Be)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297807
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
STANDARD	LCS	0506A	0.970			1.00	97			
STANDARD	CCV	0511H	2.51			2.50	100			
STANDARD	ISB	0111K	0.443			0.500	89			
STANDARD	CCV	0511H	2.49			2.50	100			
STANDARD	CRI	0112C	0.009			0.010	90			
STANDARD	ISB	0111K	0.445			0.500	89			
STANDARD	CRI	0112C	0.010			0.010	100			
STANDARD	CCV	0511H	2.50			2.50	100			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Beryllium, Total (Be)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297807
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
STANDARD	ICV	0511A	2.06			2.00	103			
SPIKE	MS	941293-002	0.057					0.005	0.050	104
DUPLICATE	MD	941293-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941293-001	<0.005	<0.005	NC					
PARAMETER:Calcium, Total (Ca)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297808
REPORTING LIMIT/DF: 1.0 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<1.0							
BLANK	MB	0602	<1.0							
BLANK	CCB	0524I	<1.0							
BLANK	CCB	0524I	<1.0							
BLANK	CCB	0524I	<1.0							
STANDARD	CCV	0511K	95.3			100	95			
STANDARD	ISA	0531M	459			500	92			
STANDARD	ISB	0111K	441			500	88			
[illegible]ARD	CCV	0511K	95.0			100	95			
[illegible]ARD	CRI	0112C	9.4			10.0	94			
STANDARD	ISA	0531M	456			500	91			
STANDARD	ISB	0111K	442			500	88			
STANDARD	CRI	0112C	9.6			10.0	96			
STANDARD	CCV	0511K	95.4			100	95			
STANDARD	ICV	0426G	99.4			100	99			
STANDARD	LCS	0426C	95.3			100	95			
DUPLICATE	MD	941293-001	211	212	0					
DUPLICATE	SD/1X	941293-001	211	216	2					
PARAMETER:Cadmium, Total (Cd)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297809
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
STANDARD	LCS	0506A	0.912			1.00	91			
STANDARD	CCV	0511H	0.966			1.00	97			
STANDARD	ISB	0111K	0.818			1.00	82			
STANDARD	CCV	0511H	0.960			1.00	96			
STANDARD	CRI	0112C	0.011			0.010	110			
STANDARD	ISB	0111K	0.824			1.00	82			
STANDARD	CRI	0112C	0.011			0.010	110			
STANDARD	CCV	0511H	0.968			1.00	97			
STANDARD	ICV	0511A	1.93			2.00	96			
SPIKE	MS	941293-002	0.047					0.006	0.050	82
DUPLICATE	MD	941293-001	<0.005	<0.005	NC					

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Cadmium, Total (Cd)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297809
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
DUPLICATE	SD/1X	941293-001	<0.005	<0.005	NC					
PARAMETER:Cobalt, Total (Co)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297810
REPORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.03							
BLANK	MB	0602	<0.03							
BLANK	CCB	0524I	<0.03							
BLANK	CCB	0524I	<0.03							
BLANK	CCB	0524I	<0.03							
STANDARD	LCS	0506A	0.94			1.00	94			
STANDARD	CCV	0511H	2.47			2.50	99			
STANDARD	ISB	0111K	0.41			0.50	82			
STANDARD	CCV	0511H	2.45			2.50	98			
STANDARD	CRI	0112C	0.09			0.10	90			
STANDARD	ISB	0111K	0.42			0.50	84			
STANDARD	CRI	0112C	0.10			0.10	100			
STANDARD	CCV	0511H	2.47			2.50	99			
STANDARD	ICV	0511A	2.01			2.00	100			
SPIKE	MS	941293-002	0.51					0.04	0.50	94
DUPLICATE	MD	941293-001	<0.03	<0.03	NC					
DUPLICATE	SD/1X	941293-001	<0.03	<0.03	NC					
PARAMETER:Chromium, Total (Cr)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297811
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
STANDARD	LCS	0506A	0.96			1.00	96			
STANDARD	CCV	0511H	2.50			2.50	100			
STANDARD	ISB	0111K	0.43			0.50	86			
STANDARD	CCV	0511H	2.49			2.50	100			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	ISB	0111K	0.43			0.50	86			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511H	2.50			2.50	100			
STANDARD	ICV	0511A	2.01			2.00	100			
SPIKE	MS	941293-002	0.27					0.07	0.20	100
DUPLICATE	MD	941293-001	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941293-001	<0.01	<0.01	NC					

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Copper, Total (Cu)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297812
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
STANDARD	LCS	0506A	0.97			1.00	97			
STANDARD	CCV	0511H	2.57			2.50	103			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CCV	0511H	2.58			2.50	103			
STANDARD	CRI	0112C	0.04			0.04	100			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CRI	0112C	0.04			0.04	100			
STANDARD	CCV	0511H	2.57			2.50	103			
STANDARD	ICV	0511A	2.05			2.00	102			
SPIKE	MS	941293-002	0.41					0.19	0.25	88
DUPLICATE	MD	941293-001	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941293-001	<0.01	<0.01	NC					
PARAMETER:Iron, Total (Fe)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297813
REPORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.03							
BLANK	MB	0602	<0.03							
BLANK	CCB	0524I	<0.03							
BLANK	CCB	0524I	<0.03							
BLANK	CCB	0524I	<0.03							
STANDARD	ICV	0511A	1.91			2.00	96			
STANDARD	LCS	0506A	0.89			1.00	89			
STANDARD	CCV	0511H	4.99			5.00	100			
STANDARD	ISA	0531M	179			200	90			
STANDARD	CCV	0511H	5.02			5.00	100			
STANDARD	ISB	0111K	172			200	86			
STANDARD	ISA	0531M	178			200	89			
STANDARD	ISB	0111K	173			200	86			
STANDARD	CRI	0112C	0.08			0.06	133			
STANDARD	CCV	0511H	5.08			5.00	102			
STANDARD	CRI	0112C	0.07			0.06	117			
SPIKE	PDS	941293-002	7.93					7.11	1.00	82
SPIKE	MS	941293-002	7.25					7.11	0.04	350
DUPLICATE	SD/5X	941293-001	2.50	2.60	4					
DUPLICATE	MD	941293-001	2.50	2.50	0					
PARAMETER:Potassium, Total (K)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297814
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<5							

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Potassium, Total (K)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297814
REPORTING LIMIT/DF: 5		UNITS:mg/L		METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	MB	0602	<5							
BLANK	CCB	0524I	<5							
BLANK	CCB	0524I	<5							
BLANK	CCB	0524I	<5							
STANDARD	CCV	0511H	9			10	90			
STANDARD	CRI	0112C	10			10	100			
STANDARD	ICV	0314B	9			10	90			
STANDARD	CCV	0511H	9			10	90			
STANDARD	LCS	0506A	9			10	90			
STANDARD	CRI	0112C	10			10	100			
STANDARD	CCV	0511H	9			10	90			
STANDARD	ISB	0111K	11			10	110			
STANDARD	ISB	0111K	11			10	110			
DUPLICATE	MD	941293-001	32	31	3					
DUPLICATE	SD/1X	941293-001	32	28	13					
IETER:Magnesium, Total (Mg)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297815
RTING LIMIT/DF: 0.1		UNITS:mg/L		METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.1							
BLANK	MB	0602	<0.1							
BLANK	CCB	0524I	<0.1							
BLANK	CCB	0524I	<0.1							
BLANK	CCB	0524I	<0.1							
STANDARD	CCV	0511H	2.4			2.5	96			
STANDARD	CCV	0511H	2.4			2.5	96			
STANDARD	ICV	0511A	1.9			2.0	95			
STANDARD	CCV	0511H	2.4			2.5	96			
STANDARD	LCS	0506A	1.0			1.0	100			
DUPLICATE	MD	941293-001	36.1	36.3	1					
DUPLICATE	SD/1X	941293-001	36.1	38.0	5					
PARAMETER:Magnesium, Total (Mg)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297816
REPORTING LIMIT/DF: 0.5		UNITS:mg/L		METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.5							
BLANK	MB	0602	<0.5							
BLANK	CCB	0524I	<0.5							
BLANK	CCB	0524I	<0.5							
BLANK	CCB	0524I	<0.5							
STANDARD	CCV	0511K	95.5			100	96			
STANDARD	ISA	0531M	463			500	93			
STANDARD	ISB	0111K	445			500	89			
STANDARD	CCV	0511K	95.7			100	96			
STANDARD	CRI	0112C	9.6			10.0	96			
STANDARD	ISA	0531M	462			500	92			

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Magnesium, Total (Mg)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297816
REPORTING LIMIT/DF: 0.5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
STANDARD	ISB	0111K	450			500	90			
STANDARD	CRI	0112C	10.0			10.0	100			
STANDARD	CCV	0511K	96.9			100	97			
STANDARD	ICV	0426G	99.4			100	99			
DUPLICATE	MD	941293-001	36.1	36.3	1					
DUPLICATE	SD/1X	941293-001	36.1	38.0	5					
PARAMETER:Manganese, Total (Mn)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297817
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
STANDARD	LCS	0506A	0.95			1.00	95			
STANDARD	CCV	0511H	4.98			5.00	100			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CCV	0511H	4.98			5.00	100			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511H	5.00			5.00	100			
STANDARD	ICV	0511A	2.01			2.00	100			
SPIKE	MS	941293-002	1.70					1.21	0.50	98
DUPLICATE	MD	941293-001	0.36	0.37	3					
DUPLICATE	SD/1X	941293-001	0.36	0.40	11					
PARAMETER:Sodium, Total (Na)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297818
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<5							
BLANK	MB	0602	<5							
BLANK	CCB	0524I	<5							
BLANK	CCB	0524I	<5							
BLANK	CCB	0524I	<5							
STANDARD	CCV	0511K	45			50	90			
STANDARD	ISA	0531M	525			500	105			
STANDARD	ISB	0111K	507			500	101			
STANDARD	CCV	0511K	46			50	92			
STANDARD	CRI	0112C	8			10	80			
STANDARD	ISA	0531M	534			500	107			
STANDARD	ISB	0111K	514			500	103			
STANDARD	CRI	0112C	8			10	80			
STANDARD	CCV	0511K	46			50	92			
STANDARD	ICV	0426G	49			50	98			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Sodium, Total (Na)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297818
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
STANDARD	LCS	0426C	94			100	94			
DUPLICATE	MD	941293-001	85	86	1					
DUPLICATE	SD/1X	941293-001	85	80	6					
PARAMETER:Nickel, Total (Ni)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297819
REPORTING LIMIT/DF: 0.04 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.04							
BLANK	MB	0602	<0.04							
BLANK	CCB	0524I	<0.04							
BLANK	CCB	0524I	<0.04							
BLANK	CCB	0524I	<0.04							
STANDARD	LCS	0506A	0.95			1.00	95			
STANDARD	CCV	0511H	2.47			2.50	99			
STANDARD	ISB	0111K	0.82			1.00	82			
STANDARD	CCV	0511H	2.47			2.50	99			
STANDARD	CRI	0112C	0.08			0.08	100			
STANDARD	ISB	0111K	0.82			1.00	82			
STANDARD	CRI	0112C	0.08			0.08	100			
STANDARD	CCV	0511H	2.48			2.50	99			
STANDARD	ICV	0511A	2.00			2.00	100			
SPIKE	MS	941293-002	0.59					0.13	0.50	92
DUPLICATE	MD	941293-001	<0.04	<0.04	NC					
DUPLICATE	SD/1X	941293-001	<0.04	<0.04	NC					
PARAMETER:Lead, Total (Pb)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297820
REPORTING LIMIT/DF: 0.002 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.002							
BLANK	MB	0602	<0.002							
BLANK	CCB	0524I	<0.002							
BLANK	CCB	0524I	<0.002							
BLANK	CCB	0524I	<0.002							
STANDARD	LCS	0506A	0.906			1.00	91			
STANDARD	CCV	0511H	0.957			1.00	96			
STANDARD	ISB	0111K	0.828			1.00	83			
STANDARD	CCV	0511H	0.950			1.00	95			
STANDARD	CRI	0112C	0.006			0.006	100			
STANDARD	ISB	0111K	0.842			1.00	84			
STANDARD	CRI	0112C	0.008			0.006	133			
STANDARD	CCV	0511H	0.959			1.00	96			
STANDARD	ICV	0511A	1.92			2.00	96			
SPIKE	MS	941293-002	0.723					0.324	0.500	80
DUPLICATE	MD	941293-001	<0.002	<0.002	NC					
DUPLICATE	SD/1X	941293-001	<0.002	<0.002	NC					

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Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Antimony, Total (Sb)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297821
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
STANDARD	LCS	0506A	0.999			1.00	100			
STANDARD	CCV	0511H	2.59			2.50	104			
STANDARD	ISB	0111K	0.995			1.00	100			
STANDARD	CCV	0511H	2.59			2.50	104			
STANDARD	CRI	0112C	0.012			0.006	200			
STANDARD	ISB	0111K	0.994			1.00	99			
STANDARD	CRI	0112C	0.012			0.006	200			
STANDARD	CCV	0511H	2.61			2.50	104			
STANDARD	ICV	0511A	2.11			2.00	106			
SPIKE	MS	941293-002	0.552					<0.005	0.500	110
DUPLICATE	MD	941293-001	0.007	0.008	0.001					
DUPLICATE	SD/1X	941293-001	0.007	0.010	0.003					
PARAMETER:Selenium, Total (Se)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297822
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
STANDARD	LCS	0506A	0.979			1.00	98			
STANDARD	CCV	0511H	2.61			2.50	104			
STANDARD	ISB	0111K	0.946			1.00	95			
STANDARD	CCV	0511H	2.59			2.50	104			
STANDARD	CRI	0112C	0.009			0.010	90			
STANDARD	ISB	0111K	0.957			1.00	96			
STANDARD	CRI	0112C	0.008			0.010	80			
STANDARD	CCV	0511H	2.61			2.50	104			
STANDARD	ICV	0511A	2.12			2.00	106			
SPIKE	MS	941293-002	2.14					<0.005	2.00	107
DUPLICATE	MD	941293-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941293-001	<0.005	<0.005	NC					
PARAMETER:Thallium, Total (Tl)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297823
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Thallium, Total (Tl)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297823
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	CCB	0524I	<0.005							
STANDARD	LCS	0506A	0.884			1.00	88			
STANDARD	CCV	0511H	0.957			1.00	96			
STANDARD	ISB	0111K	0.855			1.00	86			
STANDARD	CCV	0511H	0.946			1.00	95			
STANDARD	CRI	0112C	0.011			0.010	110			
STANDARD	ISB	0111K	0.877			1.00	88			
STANDARD	CRI	0112C	0.012			0.010	120			
STANDARD	CCV	0511H	0.956			1.00	96			
STANDARD	ICV	0511A	1.89			2.00	94			
SPIKE	MS	941293-002	1.91					<0.005	2.00	96
DUPLICATE	MD	941293-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941293-001	<0.005	<0.005	NC					
PARAMETER:Vanadium, Total (V)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297824
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
	ICB	0524I	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
BLANK	CCB	0524I	<0.01							
STANDARD	LCS	0506A	0.94			1.00	94			
STANDARD	CCV	0511H	2.45			2.50	98			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CCV	0511H	2.45			2.50	98			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511H	2.45			2.50	98			
STANDARD	ICV	0511A	1.99			2.00	100			
SPIKE	MS	941293-002	0.59					0.10	0.50	98
DUPLICATE	MD	941293-001	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941293-001	<0.01	<0.01	NC					
PARAMETER:Zinc, Total (Zn)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297825
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
BLANK	ICB	0524I	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
BLANK	CCB	0524I	<0.005							
STANDARD	LCS	0506A	0.990			1.00	99			
STANDARD	CCV	0511H	2.55			2.50	102			
STANDARD	ISB	0111K	0.946			1.00	95			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Zinc, Total (Zn)				DATE/TIME ANALYZED:06/03/94 17:08						QC BATCH NUMBER:297825
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:GAG
STANDARD	CCV	0511H	2.55			2.50	102			
STANDARD	CRI	0112C	0.098			0.100	98			
STANDARD	ISB	0111K	0.950			1.00	95			
STANDARD	CRI	0112C	0.102			0.100	102			
STANDARD	CCV	0511H	2.55			2.50	102			
STANDARD	ICV	0511A	2.05			2.00	102			
SPIKE	MS	941293-002	1.39					0.925	0.500	
DUPLICATE	MD	941293-001	0.017	0.016	0.001					
DUPLICATE	SD/1X	941293-001	0.017	0.020	0.003					
PARAMETER:Silver, Total (Ag)				DATE/TIME ANALYZED:06/03/94 10:57						QC BATCH NUMBER:297872
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
[illegible]NK	CCB	0509U	<0.01							
[illegible]	CCB	0509U	<0.01							
[illegible]K	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511L	2.52			2.50	101			
STANDARD	ISB	0111K	1.04			1.00	104			
STANDARD	CCV	0511L	2.52			2.50	101			
STANDARD	CRI	0112C	0.03			0.02	150			
STANDARD	CCV	0511L	2.48			2.50	99			
STANDARD	ICV	0223B	2.04			2.00	102			
STANDARD	ISB	0111K	1.01			1.00	101			
STANDARD	CRI	0112C	0.03			0.02	150			
STANDARD	CCV	0511L	2.48			2.50	99			
STANDARD	LCS	0429B	0.69			0.72	96			
SPIKE	PDS	941301-001	0.10					<0.01	0.10	100
SPIKE	PDS	941293-006	0.11					<0.01	0.10	110
SPIKE	MS	941293-006	0.13					<0.01	0.10	130
SPIKE	MS	941301-001	0.02					<0.01	0.02	100
DUPLICATE	MD	941293-004	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941301-001	<0.01	<0.01	NC					
DUPLICATE	MD	941301-001	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941293-009	<0.01	<0.01	NC					
PARAMETER:Aluminum, Total (Al)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297873
REPORTING LIMIT/DF: 0.05 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.05							
BLANK	MB	0602	<0.05							
BLANK	CCB	0509U	<0.05							
BLANK	CCB	0509U	<0.05							
BLANK	CCB	0509U	<0.05							

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Aluminum, Total (Al)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297873
REPORTING LIMIT/DF: 0.05 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	CCB	0509U	<0.05							
STANDARD	LCS	0429B	3.76			3.65	103			
STANDARD	CCV	0511I	9.28			10.0	93			
STANDARD	ISA	0531M	424			500	85			
STANDARD	CCV	0511I	9.33			10.0	93			
STANDARD	ISB	0111K	409			500	82			
STANDARD	CCV	0511I	9.14			10.0	91			
STANDARD	CRI	0112C	0.12			0.10	120			
STANDARD	ISA	0531M	422			500	84			
STANDARD	ISB	0111K	402			500	80			
STANDARD	CRI	0112C	0.15			0.10	150			
STANDARD	CCV	0511I	9.04			10.0	90			
STANDARD	ICV	0223B	1.92			2.00	96			
SPIKE	PDS	941293-006	3.17					1.34	2.00	91
SPIKE	PDS	941301-001	4.47					2.64	2.00	91
DUPLICATE	SD/1X	941293-009	2.62	2.55	3					
CATE	SD/1X	941301-001	2.64	2.70	2					
CATE	MD	941293-004	4.34	3.74	15					
DUPLICATE	MD	941301-001	2.64	2.45	7					
PARAMETER:Arsenic, Total (As)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297874
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.60			2.50	104			
STANDARD	ISB	0111K	0.994			1.00	99			
STANDARD	CCV	0511I	2.61			2.50	104			
STANDARD	CRI	0112C	0.012			0.020	60			
STANDARD	CCV	0511I	2.53			2.50	101			
STANDARD	ICV	0405J	2.12			2.00	106			
STANDARD	ISB	0111K	1.02			1.00	102			
STANDARD	CRI	0112C	0.012			0.020	60			
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	LCS	0429B	0.863			0.721	120			
SPIKE	PDS	941301-001	2.09					0.007	2.00	104
SPIKE	PDS	941293-006	2.03					0.070	2.00	98
SPIKE	MS	941293-006	2.12					0.070	2.00	103
SPIKE	MS	941301-001	0.427					0.007	0.400	105
DUPLICATE	MD	941293-004	0.060	0.058	3					
DUPLICATE	SD/1X	941293-009	0.057	0.060	5					
DUPLICATE	MD	941301-001	0.007	0.008	0.001					

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Arsenic, Total (As) DATE/TIME ANALYZED:06/03/94 11:17 QC BATCH NUMBER:297874										
REPORTING LIMIT/DF: 0.005 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL										
DUPLICATE	SD/1X	941301-001	0.007	<0.005	0.007					
PARAMETER:Barium, Total (Ba) DATE/TIME ANALYZED:06/03/94 11:17 QC BATCH NUMBER:297875										
REPORTING LIMIT/DF: 0.01 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL										
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	5.18			5.00	104			
STANDARD	ISB	0111K	0.45			0.50	90			
STANDARD	CCV	0511I	5.24			5.00	105			
STANDARD	CRI	0112C	0.21			0.20	105			
STANDARD	CCV	0511I	5.12			5.00	102			
STANDARD	ICV	0223B	2.11			2.00	106			
STANDARD	ISB	0111K	0.47			0.50	94			
STANDARD	CRI	0112C	0.22			0.20	110			
STANDARD	CCV	0511I	5.10			5.00	102			
STANDARD	LCS	0429B	0.72			0.65	111			
SPIKE	PDS	941301-001	2.19					0.08	2.00	106
SPIKE	PDS	941293-006	2.56					0.57	2.00	100
SPIKE	MS	941293-006	2.70					0.57	2.00	107
SPIKE	MS	941301-001	0.53					0.08	0.40	112
DUPLICATE	MD	941293-004	0.33	0.32	3					
DUPLICATE	SD/1X	941293-009	0.52	0.55	6					
DUPLICATE	MD	941301-001	0.08	0.08	0					
DUPLICATE	SD/1X	941301-001	0.08	0.10	22					
PARAMETER:Beryllium, Total (Be) DATE/TIME ANALYZED:06/03/94 11:17 QC BATCH NUMBER:297876										
REPORTING LIMIT/DF: 0.005 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL										
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.41			2.50	96			
STANDARD	ISB	0111K	0.495			0.500	99			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	CRI	0112C	0.009			0.010	90			
STANDARD	CCV	0511I	2.39			2.50	96			
STANDARD	ICV	0405J	1.95			2.00	98			
STANDARD	ISB	0111K	0.507			0.500	101			

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Beryllium, Total (Be)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297876
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	CRI	0112C	0.010			0.010	100			
STANDARD	CCV	0511I	2.36			2.50	94			
STANDARD	LCS	0429B	0.292			0.267	109			
SPIKE	PDS	941301-001	0.055					<0.005	0.050	110
SPIKE	PDS	941293-006	0.061					0.013	0.050	96
SPIKE	MS	941293-006	0.073					0.013	0.050	120
SPIKE	MS	941301-001	0.018					<0.005	0.010	180
DUPLICATE	MD	941293-004	0.008	0.007	0.001					
DUPLICATE	SD/1X	941293-009	0.010	<0.005	0.010					
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					
PARAMETER:Calcium, Total (Ca)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297877
REPORTING LIMIT/DF: 1.0 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<1.0							
BLANK	MB	0602	<1.0							
BLANK	CCB	0509U	<1.0							
BLANK	CCB	0509U	<1.0							
BLANK	CCB	0509U	<1.0							
BLANK	CCB	0509U	<1.0							
STANDARD	CCV	0511L	99.1			100	99			
STANDARD	ISA	0531M	479			500	96			
STANDARD	ISB	0111K	458			500	92			
STANDARD	CCV	0511L	99.2			100	99			
STANDARD	CRI	0112C	9.8			10.0	98			
STANDARD	CCV	0511L	98.1			100	98			
STANDARD	ICV	0426H	101			100	101			
STANDARD	LCS	0429B	28.3			23.3	121			
STANDARD	ISA	0531M	478			500	96			
STANDARD	ISB	0111K	453			500	91			
STANDARD	CRI	0112C	10.5			10.0	105			
STANDARD	CCV	0511L	97.3			100	97			
DUPLICATE	SD/1X	941293-009	25.1	25.5	2					
DUPLICATE	MD	941293-004	262	256	2					
DUPLICATE	SD/1X	941301-001	29.1	29.5	1					
DUPLICATE	MD	941301-001	3.0	2.8	0.2					
PARAMETER:Cadmium, Total (Cd)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297878
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Cadmium, Total (Cd)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297878
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	0.982			1.00	98			
STANDARD	ISB	0111K	0.872			1.00	87			
STANDARD	CCV	0511I	0.993			1.00	99			
STANDARD	CRI	0112C	0.011			0.010	110			
STANDARD	CCV	0511I	0.958			1.00	96			
STANDARD	ICV	0405J	1.95			2.00	98			
STANDARD	ISB	0111K	0.892			1.00	89			
STANDARD	CRI	0112C	0.012			0.010	120			
STANDARD	CCV	0511I	0.949			1.00	95			
STANDARD	LCS	0429B	0.659			0.616	107			
SPIKE	PDS	941301-001	0.045					<0.005	0.050	90
SPIKE	PDS	941293-006	0.043					<0.005	0.050	86
SPIKE	MS	941293-006	0.045					<0.005	0.050	90
SPIKE	MS	941301-001	0.009					<0.005	0.010	90
[illegible]LICATE	MD	941293-004	0.006	0.006	0.000					
ICATE	SD/1X	941293-009	<0.005	<0.005	NC					
ICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					
PARAMETER:Cobalt, Total (Co)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297879
REPORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.03							
BLANK	MB	0602	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CCV	0511I	2.53			2.50	101			
STANDARD	CRI	0112C	0.10			0.10	100			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	ICV	0405J	2.01			2.00	100			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CRI	0112C	0.10			0.10	100			
STANDARD	CCV	0511I	2.42			2.50	97			
STANDARD	LCS	0429B	1.97			1.77	111			
SPIKE	PDS	941301-001	0.51					<0.03	0.50	102
SPIKE	PDS	941293-006	0.52					0.06	0.50	92
SPIKE	MS	941293-006	0.54					0.06	0.50	96
SPIKE	MS	941301-001	0.12					<0.03	0.10	120
DUPLICATE	MD	941293-004	<0.03	<0.03	NC					
DUPLICATE	SD/1X	941293-009	0.03	<0.03	0.03					
DUPLICATE	MD	941301-001	<0.03	<0.03	NC					

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Cobalt, Total (Co)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297879
REPORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
DUPLICATE	SD/1X	941301-001	<0.03	<0.03	NC					
PARAMETER:Chromium, Total (Cr)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297880
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	2.56			2.50	102			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CCV	0511I	2.59			2.50	104			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	2.51			2.50	100			
STANDARD	ICV	0405J	2.09			2.00	104			
STANDARD	ISB	0111K	0.47			0.50	94			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	2.49			2.50	100			
STANDARD	LCS	0429B	0.49			0.44	111			
SPIKE	PDS	941301-001	0.27					0.07	0.20	100
SPIKE	PDS	941293-006	0.31					0.13	0.20	90
SPIKE	MS	941293-006	0.40					0.13	0.20	135
SPIKE	MS	941301-001	0.15					0.07	0.04	200
DUPLICATE	MD	941293-004	0.09	0.08	12					
DUPLICATE	SD/1X	941293-009	0.11	0.10	10					
DUPLICATE	MD	941301-001	0.07	0.07	0					
DUPLICATE	SD/1X	941301-001	0.07	0.05	33					
PARAMETER:Copper, Total (Cu)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297881
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	2.63			2.50	105			
STANDARD	ISB	0111K	0.48			0.50	96			
STANDARD	CCV	0511I	2.65			2.50	106			
STANDARD	CRI	0112C	0.04			0.04	100			
STANDARD	CCV	0511I	2.62			2.50	105			
STANDARD	ICV	0405J	2.07			2.00	103			
STANDARD	ISB	0111K	0.49			0.50	98			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Copper, Total (Cu)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297881
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	CRI	0112C	0.04			0.04	100			
STANDARD	CCV	0511I	2.60			2.50	104			
STANDARD	LCS	0429B	0.88			0.78	113			
SPIKE	PDS	941301-001	0.30					0.04	0.25	100
SPIKE	PDS	941293-006	0.33					0.08	0.25	100
SPIKE	MS	941293-006	0.34					0.08	0.25	104
SPIKE	MS	941301-001	0.10					0.04	0.05	120
DUPLICATE	MD	941293-004	0.11	0.11	0					
DUPLICATE	SD/1X	941293-009	0.10	0.10	0					
DUPLICATE	MD	941301-001	0.04	0.04	0.00					
DUPLICATE	SD/1X	941301-001	0.04	0.05	0.01					
PARAMETER:Iron, Total (Fe)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297882
REPORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.03							
BLANK	MB	0602	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
STANDARD	LCS	0429B	9.32			7.36	127			
STANDARD	CCV	0511I	4.97			5.00	99			
STANDARD	ISA	0531M	177			200	88			
STANDARD	CCV	0511I	4.96			5.00	99			
STANDARD	ISB	0111K	171			200	86			
STANDARD	CCV	0511I	4.82			5.00	96			
STANDARD	CRI	0112C	0.08			0.06	133			
STANDARD	ISA	0531M	175			200	88			
STANDARD	ISB	0111K	167			200	84			
STANDARD	CRI	0112C	0.10			0.06	167			
STANDARD	CCV	0511I	4.80			5.00	96			
STANDARD	ICV	0405J	1.86			2.00	93			
SPIKE	PDS	941293-006	4.61					3.65	1.00	96
SPIKE	PDS	941301-001	7.48					6.66	1.00	82
DUPLICATE	SD/1X	941293-009	6.67	6.85	3					
DUPLICATE	SD/1X	941301-001	6.66	6.60	1					
DUPLICATE	MD	941293-004	6.97	6.84	2					
DUPLICATE	MD	941301-001	6.66	6.20	7					
PARAMETER:Potassium, Total (K)				DATE/TIME ANALYZED:06/03/94 11:35						QC BATCH NUMBER:297883
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<5							
BLANK	MB	0602	<5							
BLANK	CCB	0509U	<5							

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Potassium, Total (K)				DATE/TIME ANALYZED:06/03/94 11:35						QC BATCH NUMBER:297883
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	CCB	0509U	<5							
BLANK	CCB	0509U	<5							
BLANK	CCB	0509U	<5							
STANDARD	CRI	0112C	10			10	100			
STANDARD	ICV	0223B	20			20	100			
STANDARD	CCV	0511I	10			10	100			
STANDARD	CCV	0511I	9			10	90			
STANDARD	CRI	0112C	11			10	110			
STANDARD	CCV	0511I	9			10	90			
STANDARD	CCV	0511I	9			10	90			
STANDARD	ISB	0111K	10			10	100			
STANDARD	ISB	0111K	11			10	110			
STANDARD	LCS	0429B	38			33	115			
DUPLICATE	SD/1X	941301-001	<5	<5	NC					
DUPLICATE	MD	941301-001	6	6	0					
DUPLICATE	MD	941293-004	10	8	2					
DUPLICATE	SD/1X	941293-009	<5	<5	NC					
PARAMETER:Magnesium, Total (Mg)				DATE/TIME ANALYZED:06/03/94 11:35						QC BATCH NUMBER:297884
REPORTING LIMIT/DF: 0.5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.5							
BLANK	MB	0602	<0.5							
BLANK	CCB	0509U	<0.5							
BLANK	CCB	0509U	<0.5							
BLANK	CCB	0509U	<0.5							
BLANK	CCB	0509U	<0.5							
STANDARD	CCV	0511L	100			100	100			
STANDARD	ISA	0531M	482			500	96			
STANDARD	ISB	0111K	464			500	93			
STANDARD	CCV	0511L	101			100	101			
STANDARD	CRI	0112C	10.1			10.0	101			
STANDARD	CCV	0511L	98.0			100	98			
STANDARD	ICV	0426H	101			100	101			
STANDARD	LCS	0429B	29.3			25.5	115			
STANDARD	ISA	0531M	481			500	96			
STANDARD	ISB	0111K	457			500	91			
STANDARD	CRI	0112C	10.8			10.0	108			
STANDARD	CCV	0511L	97.7			100	98			
DUPLICATE	MD	941293-004	8.9	8.0	11					
DUPLICATE	MD	941301-001	9.2	9.0	2					
DUPLICATE	SD/1X	941301-001	9.2	8.5	8					
DUPLICATE	SD/1X	941293-009	11.1	11.5	4					

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Manganese, Total (Mn)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297885
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	5.12			5.00	102			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CCV	0511I	5.17			5.00	103			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	5.03			5.00	101			
STANDARD	ICV	0405J	2.06			2.00	103			
STANDARD	ISB	0111K	0.47			0.50	94			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	4.99			5.00	100			
STANDARD	LCS	0429B	1.64			1.41	116			
[illegible]	PDS	941301-001	0.84					0.34	0.50	100
[illegible]	PDS	941293-006	5.40					4.98	0.50	84
SPIKE	MS	941293-006	5.08					4.98	0.50	20
SPIKE	MS	941301-001	0.49					0.34	0.10	150
DUPLICATE	MD	941293-004	1.49	1.48	1					
DUPLICATE	SD/1X	941293-009	1.89	2.00	6					
DUPLICATE	MD	941301-001	0.34	0.34	0					
DUPLICATE	SD/1X	941301-001	0.34	0.35	3					
PARAMETER:Sodium, Total (Na)				DATE/TIME ANALYZED:06/03/94 13:06						QC BATCH NUMBER:297887
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<5							
BLANK	MB	0602	<5							
BLANK	CCB	0509U	<5							
BLANK	CCB	0509U	<5							
BLANK	CCB	0509U	<5							
BLANK	CCB	0509U	<5							
STANDARD	CCV	0511L	46			50	92			
STANDARD	ISA	0531M	553			500	111			
STANDARD	ISB	0111K	527			500	105			
STANDARD	CCV	0511L	47			50	94			
STANDARD	CRI	0112C	8			10	80			
STANDARD	CCV	0511L	45			50	90			
STANDARD	ICV	0426H	50			50	100			
STANDARD	LCS	0429B	5			3	167			
STANDARD	ISA	0531M	559			500	112			
STANDARD	ISB	0111K	528			500	106			
STANDARD	CRI	0112C	8			10	80			
STANDARD	CCV	0511L	45			50	90			

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Sodium, Total (Na)				DATE/TIME ANALYZED:06/03/94 13:06						QC BATCH NUMBER:297887
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
DUPLICATE	SD/1X	941293-009	<5	<5	NC					
DUPLICATE	MD	941301-001	<5	<5	NC					
DUPLICATE	MD	941293-004	<5	<5	NC					
DUPLICATE	SD/1X	941301-001	<5	<5	NC					
PARAMETER:Nickel, Total (Ni)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297888
REPORTING LIMIT/DF: 0.04 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.04							
BLANK	MB	0602	<0.04							
BLANK	CCB	0509U	<0.04							
BLANK	CCB	0509U	<0.04							
BLANK	CCB	0509U	<0.04							
BLANK	CCB	0509U	<0.04							
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	ISB	0111K	0.88			1.00	88			
STANDARD	CCV	0511I	2.49			2.50	100			
STANDARD	CRI	0112C	0.08			0.08	100			
STANDARD	CCV	0511I	2.41			2.50	96			
STANDARD	ICV	0405J	1.95			2.00	98			
STANDARD	ISB	0111K	0.90			1.00	90			
STANDARD	CRI	0112C	0.08			0.08	100			
STANDARD	CCV	0511I	2.39			2.50	96			
STANDARD	LCS	0429B	1.21			1.10	110			
SPIKE	PDS	941301-001	0.53					0.05	0.50	96
SPIKE	PDS	941293-006	0.59					0.15	0.50	88
SPIKE	MS	941293-006	0.65					0.15	0.50	100
SPIKE	MS	941301-001	0.16					0.05	0.10	110
DUPLICATE	MD	941293-004	0.07	0.07	0.00					
DUPLICATE	SD/1X	941293-009	0.11	<0.04	0.11					
DUPLICATE	MD	941301-001	0.05	0.05	0.00					
DUPLICATE	SD/1X	941301-001	0.05	<0.04	0.05					
PARAMETER:Lead, Total (Pb)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297889
REPORTING LIMIT/DF: 0.002 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.002							
BLANK	MB	0602	<0.002							
BLANK	CCB	0509U	<0.002							
BLANK	CCB	0509U	<0.002							
BLANK	CCB	0509U	<0.002							
BLANK	CCB	0509U	<0.002							
STANDARD	CCV	0511I	0.979			1.00	98			
STANDARD	ISB	0111K	0.941			1.00	94			
STANDARD	CCV	0511I	0.986			1.00	99			
STANDARD	CRI	0112C	0.008			0.006	133			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Lead, Total (Pb)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297889
REPORTING LIMIT/DF: 0.002 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	CCV	0511I	0.945			1.00	94			
STANDARD	ICV	0405J	1.91			2.00	96			
STANDARD	ISB	0111K	0.949			1.00	95			
STANDARD	CRI	0112C	0.007			0.006	117			
STANDARD	CCV	0511I	0.940			1.00	94			
STANDARD	LCS	0429B	0.584			0.509	115			
SPIKE	PDS	941301-001	0.508					0.024	0.500	97
SPIKE	PDS	941293-006	0.532					0.094	0.500	88
SPIKE	MS	941293-006	0.558					0.094	0.500	93
SPIKE	MS	941301-001	0.124					0.024	0.100	100
DUPLICATE	MD	941293-004	1.66	1.64	1					
DUPLICATE	SD/1X	941293-009	0.739	0.775	5					
DUPLICATE	MD	941301-001	0.024	0.023	4					
DUPLICATE	SD/1X	941301-001	0.024	0.030	22					
PARAMETER:Antimony, Total (Sb)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297890
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	ISB	0111K	1.00			1.00	100			
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	CRI	0112C	0.012			0.006	200			
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	ICV	0405J	1.94			2.00	97			
STANDARD	ISB	0111K	1.05			1.00	105			
STANDARD	CRI	0112C	0.005			0.006	83			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	LCS	0429B	0.914			0.750	122			
SPIKE	PDS	941301-001	1.02					<0.005	1.00	102
SPIKE	PDS	941293-006	0.943					<0.005	1.00	94
SPIKE	MS	941293-006	0.514					<0.005	1.00	51
SPIKE	MS	941301-001	0.049					<0.005	0.20	24
DUPLICATE	MD	941293-004	0.018	0.021	0.003					
DUPLICATE	SD/1X	941293-009	0.016	<0.005	0.016					
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					
PARAMETER:Selenium, Total (Se)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297891
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

PARAMETER:Selenium, Total (Se) DATE/TIME ANALYZED:06/03/94 11:17 QC BATCH NUMBER:297891
REPORTING LIMIT/DF: 0.005 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.55			2.50	102			
STANDARD	ISB	0111K	1.06			1.00	106			
STANDARD	CCV	0511I	2.56			2.50	102			
STANDARD	CRI	0112C	0.015			0.010	150			
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	ICV	0405J	1.99			2.00	100			
STANDARD	ISB	0111K	1.06			1.00	106			
STANDARD	CRI	0112C	0.007			0.010	70			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	LCS	0429B	0.877			0.742	118			
SPIKE	PDS	941301-001	2.10					<0.005	2.00	105
[illegible]	PDS	941293-006	1.98					<0.005	2.00	99
[illegible]E	MS	941293-006	2.08					<0.005	2.00	104
SPIKE	MS	941301-001	0.422					<0.005	0.400	106
DUPLICATE	MD	941293-004	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941293-009	<0.005	<0.005	NC					
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					

PARAMETER:Thallium, Total (Tl) DATE/TIME ANALYZED:06/03/94 11:17 QC BATCH NUMBER:297892
REPORTING LIMIT/DF: 0.005 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL

BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	0.962			1.00	96			
STANDARD	ISB	0111K	1.01			1.00	101			
STANDARD	CCV	0511I	0.973			1.00	97			
STANDARD	CRI	0112C	0.009			0.010	90			
STANDARD	CCV	0511I	0.936			1.00	94			
STANDARD	ICV	0405J	1.90			2.00	95			
STANDARD	ISB	0111K	1.02			1.00	102			
STANDARD	CRI	0112C	0.013			0.010	130			
STANDARD	CCV	0511I	0.927			1.00	93			
STANDARD	LCS	0429B	0.706			0.641	110			
SPIKE	PDS	941301-001	1.96					0.005	2.00	98
SPIKE	PDS	941293-006	1.84					0.012	2.00	91
SPIKE	MS	941293-006	1.93					0.012	2.00	96

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Thallium, Total (Tl)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297892
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
SPIKE	MS	941301-001	0.412					0.005	0.400	102
DUPLICATE	MD	941293-004	0.005	0.007	0.002					
DUPLICATE	SD/1X	941293-009	0.012	<0.005	0.012					
DUPLICATE	MD	941301-001	0.005	0.005	0.000					
DUPLICATE	SD/1X	941301-001	0.005	<0.005	0.005					
PARAMETER:Vanadium, Total (V)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297893
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	2.44			2.50	98			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	2.41			2.50	96			
STANDARD	ICV	0405J	1.97			2.00	98			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	2.39			2.50	96			
STANDARD	LCS	0429B	0.87			0.83	105			
SPIKE	PDS	941301-001	0.53					0.05	0.50	96
SPIKE	PDS	941293-006	0.67					0.22	0.50	90
SPIKE	MS	941293-006	0.79					0.22	0.50	114
SPIKE	MS	941301-001	0.19					0.05	0.10	140
DUPLICATE	MD	941293-004	0.12	0.11	9					
DUPLICATE	SD/1X	941293-009	0.18	0.20	11					
DUPLICATE	MD	941301-001	0.05	0.05	0.00					
DUPLICATE	SD/1X	941301-001	0.05	0.05	0.00					
PARAMETER:Zinc, Total (Zn)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297894
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.60			2.50	104			
STANDARD	ISB	0111K	0.989			1.00	99			
STANDARD	CCV	0511I	2.61			2.50	104			

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Zinc, Total (Zn)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297894
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	CRI	0112C	0.105			0.100	105			
STANDARD	CCV	0511I	2.55			2.50	102			
STANDARD	ICV	0405J	2.09			2.00	104			
STANDARD	ISB	0111K	1.02			1.00	102			
STANDARD	CRI	0112C	0.112			0.100	112			
STANDARD	CCV	0511I	2.54			2.50	102			
STANDARD	LCS	0429B	0.946			0.782	121			
SPIKE	PDS	941301-001	0.641					0.119	0.500	104
SPIKE	PDS	941293-006	0.851					0.366	0.500	97
SPIKE	MS	941293-006	0.912					0.366	0.500	109
SPIKE	MS	941301-001	0.239					0.119	0.100	120
DUPLICATE	MD	941293-004	0.684	0.662	3					
DUPLICATE	SD/1X	941293-009	0.436	0.460	5					
DUPLICATE	MD	941301-001	0.119	0.117	2					
DUPLICATE	SD/1X	941301-001	0.119	0.130	9					
METER:Mercury, Total (Hg)				DATE/TIME ANALYZED:06/07/94 10:30						QC BATCH NUMBER:298051
RTING LIMIT/DF: 0.0002UNITS:mg/L				METHOD REFERENCE :CVAA CLP SOW 9/91						TECHNICIAN:LMT
BLANK	ICB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							
STANDARD	ICV	0311G	0.0042			0.0040	105			
STANDARD	CCV	1228Q	0.0025			0.0025	100			
STANDARD	LCS	0429B	0.0035			0.0032	109			
STANDARD	CRA	1228P	0.0002			0.0002	100			
SPIKE	MS	941293-006	0.0051					<0.0002	0.0050	102
DUPLICATE	MD	941293-004	<0.0002	<0.0002	NC					
PARAMETER:Alkalinity, Total (Unfilt.)				DATE/TIME ANALYZED:06/06/94 08:00						QC BATCH NUMBER:298065
REPORTING LIMIT/DF: 5 UNITS:mg/L CaCO3				METHOD REFERENCE :310.1 (1)						TECHNICIAN:RPK
BLANK	MB	940606	<5							
STANDARD	LCS	G940506B	152			167	91			
DUPLICATE	ED	940794-51	4800	4760	1					
PARAMETER:pH (Unfilt.)				DATE/TIME ANALYZED:06/06/94 13:10						QC BATCH NUMBER:298066
REPORTING LIMIT/DF: 0.01 UNITS:pH Units				METHOD REFERENCE :150.1 (1)						TECHNICIAN:RPK
STANDARD	ICV	G940414A	4.02			4.00	100			
STANDARD	CCV	S7.00	7.00			7.00	100			
STANDARD	CCV	S7.00	7.01			7.00	100			
DUPLICATE	ED	940794-51	5.48	5.49	0					
PARAMETER:Mercury, Diss (Hg)				DATE/TIME ANALYZED:06/07/94 10:30						QC BATCH NUMBER:298244
REPORTING LIMIT/DF: 0.0002UNITS:mg/L				METHOD REFERENCE :CVAA CLP SOW 9/91						TECHNICIAN:LMT
BLANK	ICB	06074	<0.0002							

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QUALITY CONTROL REPORT
06/13/94

JOB NUMBER: 941293 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

PARAMETER:Mercury, Diss (Hg) DATE/TIME ANALYZED:06/07/94 10:30 QC BATCH NUMBER:298244
REPORTING LIMIT/DF: 0.0002UNITS:mg/L METHOD REFERENCE :CVAA CLP SOW 9/91 TECHNICIAN:LMT

ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
BLANK	CCB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							
STANDARD	ICV	0311G	0.0042			0.0040	105			
STANDARD	CCV	1228Q	0.0025			0.0025	100			
STANDARD	CCV	1228Q	0.0025			0.0025	100			
STANDARD	CRA	1228P	0.0002			0.0002	100			
SPIKE	MS	941293-003	0.0052					<0.0002	0.0050	104
DUPLICATE	MD	941293-001	<0.0002	<0.0002	NC					

PARAMETER:Mercury, Total (Hg) DATE/TIME ANALYZED:06/07/94 10:30 QC BATCH NUMBER:298245
REPORTING LIMIT/DF: 0.0002UNITS:mg/L METHOD REFERENCE :CVAA CLP SOW 9/91 TECHNICIAN:LMT

ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
BLANK	ICB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							
[illegible]	CCB	06074	<0.0002							
[illegible]	CCB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							
STANDARD	ICV	0311G	0.0042			0.0040	105			
STANDARD	CCV	1228Q	0.0025			0.0025	100			
STANDARD	CCV	1228Q	0.0025			0.0025	100			
STANDARD	CCV	1228Q	0.0024			0.0025	96			
STANDARD	CCV	1228Q	0.0023			0.0025	92			
STANDARD	CCV	1228Q	0.0023			0.0025	92			
STANDARD	CCV	1228Q	0.0024			0.0025	96			
STANDARD	CCV	1228Q	0.0024			0.0025	96			
STANDARD	CCV	1228Q	0.0023			0.0025	92			
STANDARD	CCV	1228Q	0.0024			0.0025	96			
STANDARD	CRA	1228P	0.0002			0.0002	100			
SPIKE	MS	941293-002	0.0072					0.0005	0.0050	134
SPIKE	PDS	941293-002	0.0034					0.0005	0.0025	116
DUPLICATE	MD	941293-001	<0.0002	<0.0002	NC					

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Arvada, Colorado 80002 1-800-ERA-0122

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Certification

PriorityPollutnT™/CLP Quality Control Standards

Inorganics in Soil

Parameter	Lot No. 219 Certified Value	Advisory Range
Trace Metals PriorityPollutnT™	mg/Kg	mg/Kg
Aluminum	3650	1830 - 5580
Antimony	75.0	32 - 350
Arsenic	72.1	35 - 110
Barium	64.8	45 - 88
Beryllium	28.7	17 - 37
Cadmium	61.8	36 - 86
Calcium	2330	1580 - 3170
Chromium	44.1	28 - 61
Cobalt	177	112 - 248
Copper	78.1	48 - 110
Iron	7360	4930 - 11000
Lead	50.9	27 - 71
Magnesium	2590	1610 - 3600
Manganese	141	97 - 190
Mercury	32.0	17 - 48
Molybdenum	104	64 - 147
Nickel	110	65 - 157
Potassium	3310	2090 - 4400
Selenium	74.2	38 - 108
Silver	71.7	28 - 105
Sodium	346	180 - 506
Thallium	64.1	31 - 98
Vanadium	83.0	58 - 113
Zinc	78.2	46 - 119
Cyanide PriorityPollutnT™	mg/Kg	mg/Kg
Total cyanide	117	49 - 191

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(1) The Trace Metals Certified Values are equal to the mean recoveries for each parameter as determined in an interlaboratory round robin study. The standard was digested using Method 3050, SW-846 and the digest analyzed by ICP and atomic absorption spectroscopy.
(2) The Cyanide Certified Value is equal to the mean recovery as determined in an interlaboratory round robin study. The standard was digested and analyzed following the procedure outlined in Method 9010, SW-846.
(3) Advisory ranges are listed as guidelines for acceptable recoveries given the limitations of the EPA methodologies commonly used to determine these parameters. The range closely approximates the 95% confidence interval for parameters based upon the experimental data from this lot, previous ERA lots, and published USEPA data.

WESTERN ATLAS

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QUALITY CONTROL FOOTER

METHOD REFERENCES

(1) EPA 600/4-79-020, Methods For Chemical Analysis Of Water And Wastes, March 1983

(2) EPA SW-846, Test Methods For Evaluating Solid Waste, Third Edition, November 1986

(3) Standard Methods For The Examination Of Water And Wastewater, 17th Edition, 1989

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

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

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

(7) EPA 600/4-88-039, Methods For The Determination Of Organics Compounds In Drinking Water, December 1988

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

(9) Federal Register, Friday, June 7, 1991, (40 CFR Parts 141 and 142)

(10) Standard Methods For The Examination Of Water And Wastewater, 16th Edition, 1985

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

(12) Methods Of Soil Analysis, American Society Of Agronomy, Agronomy No. 9, 1965

(13) EPA SW-846, Test Methods For Evaluating Solid Waste, Third Edition, Revision 1, November 1990

(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 Rock; Building Stones, 1981

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Comments: Data in QA report may differ from final results due to digestion and/or dilution of sample into analytical ranges. 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. Results for soil and sludge samples are reported on a wet weight basis (i.e. not corrected for percent moisture) unless otherwise indicated.
NC = Not Calculable Due To Value(s) Lower Than The Detection Limit.

Blank QC Sample Identification

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

Reference Standard QC Sample Identification

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard
CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Samples

Spike QC Sample Identification

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

Duplicate QC Sample Identification

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate

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	Subcontract Laboratory	Code
Core Laboratories - Anaheim, CA	• AN	Core Laboratories - Lake Charles, LA	• LC
Core Laboratories - Casper, WY	• CA	Core Laboratories - Long Beach, CA	• LB
Core Laboratories - Corpus Christi, TX	• CC	Other Subcontract Laboratories	• XX
Core Laboratories - Houston, TX	• HP		

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pH & ALKALINITY

☐ EPA Methods 150.1, 9045, & 310.1
☐ Standard Methods 17TH Edition 2320 B
SOPs HC-ATM-E132, HC-ATM-E131, & HE-ATM-E081

Analyst Robert P Kernan Date/Time 6/6/94 ~~6/4/94~~ RDK 0800

QA # ~~GPHB~~ 297934 ~~GALT~~ 298268 ~~GCAD~~ 295231 GALD 297937 GBID 298343 1310 (GALT 298066 GPHT 298066

Reviewed By PJM Date 6-10-94

Normality of HCl 0.506 N Detection Limits: Alkalinity 5 mg/L CO3 1 mg/L HCO3 5 mg/L OH 1 mg/L

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pH Meter Calibration

008435

Buffer & KHP Standards		pH Reading (pH Units) & % Recovery	
Buffer Conc.	S 4.00; S 7.00, S 10.00		4.01; 7.00; 10.01
ICV KHP Std. ID & Conc.	G940414A; 4.00		4.02
CCV Buffer Conc.	S 7.00	Meter ID	00216
LCS Std. ID & Conc.	G940506B 167mg/L	Slope	98.7

Sample ID	Sample Volume (mls)	Initial pH	Burette Readings (mls) Initial	pH 8.3	pH 4.5	Net	Alkalinity Results (mg/L) Total	CO_3	HCO_3	OH
Method Blank	25.01	6.31	1.35	—	1.40	0.05	0 ~~5.50~~	—	0 ~~0.02~~	—
LCS Standard	25.01	10.50	1.40	0.10 ~~1.50~~	~~1.55~~	0.05	152 ~~50.6~~	~~[illegible]~~	0	~~[illegible]~~
940794-40	25.01	5.05	1.60	—	5.15	3.55	3591	0	3591 ~~4384~~	0
-41	25.00	5.00	6.85	—	11.75	4.90	4959	0	4959 ~~6050~~	0
-42	25.01	5.01	12.55	—	15.95	3.40	3439	0	3439 ~~4116~~	0
-43	25.00	5.36	19.50	—	21.20	1.70	1720	0	1720 ~~2098~~	0
-44	25.01	5.40	26.65	—	31.40	4.75	4805	0	4805 ~~5862~~	0
-45	25.00	5.43	33.85	—	38.45	5.00	5060	0	5060 ~~6173~~	0
-46	25.00	5.52	41.10	—	46.00	4.90	4959	0	4959 ~~6050~~	0
-47	25.00	5.53	1.30 ~~49.30~~ RDK 6/6/94	—	6.60	5.30	5364	0	5364 ~~6544~~	0
CCV ~~-48~~	/	~~7.01~~	~~7.00~~ RDK	/	/	/	/	/	/	/
RDK ~~-48~~	25.00	5.32	9.00	—	13.8	4.80	4858	0	4858 ~~5927~~	0
-49	24.99	5.48	15.60	—	20.8	5.20	5265	0	5265 ~~6423~~	0

Comments: Note ANY INFORMATION crossed out By RDK 6/6/94

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ALKALIN.LOG 9/93

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CORE LABORATORIES

6/9/94

Sample ID	Sample Volume (mls)	Initial pH	Burette Readings (mls)				Alkalinity Results (mg/L)			
			Initial	pH 8.3	pH 4.5	Net	Total	CO_3	HCO_3	OH
940794-50	25.00	5.40	23.40	—	28.85	5.45	5515	0	5615 ~~5720~~	0
-51	25.01	5.48	30.50	—	35.25	4.75	4805 ~~3006~~ RPK	0	4805 ~~2417~~	0
ED49	24.99	5.47	38.0	—	42.45	4.45	4505	0	4506 ~~5496~~	0
ED-51	24.98	5.49	0.20	—	4.90	4.70	4760	0	4760 ~~5807~~	0
~~CCV~~ 1293-1	24.99	7.30 ~~7.88~~	~~7.50~~	—	23.65 ~~50.00~~	33.75 ~~45.0~~	900	TOTAL ONLY		
RPK ~~1293 1210-3~~	25.00	8.41	12.05 ~~0.30~~	12.20 ~~0.50~~	15.10	3.05 ~~2.90~~	~~58~~ 61			
1293-5	25.01	8.31	0.00	0.05	3.15	3.15 ~~3.10~~	~~62~~ 63	—	—	—
1293-7	25.01	8.37	3.10	3.15	6.60	3.50 ~~3.45~~	~~69~~ 70	—	—	—
CCV	/	7.00	/	/	/	/	/	/	/	/
1310-1	25.00	7.39	6.60	—	8.20	1.60 ~~2.20~~	~~44~~ 32	—	—	
-2	25.00	7.46	8.20	—	9.60	1.40	28			
-3	25.00	7.47	9.60	—	11.00	1.40	28			
-4	25.02	6.23	11.00	—	11.90	0.90	18.0			
-5	24.98	6.39	11.90	—	12.05	0.15	B/C			
CCV	/	7.01	/	/	/	/	/	/	/	/

Comments: 1293 - 1, 3, 5, 7 1310 - 1-5 Run with 0.01N HCl + NaOH

~~Any~~. All Information crossed out was corrected by RPK

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Total Alkalinity as $CaCO_3$ (mg/L) = $\frac{\text{Volume HCl (mls)} \times \text{Normality HCl} \times 50{,}000}{\text{Sample Volume (mls)}}$

Conversion Factors
OH as $CaCO_3$ X 0.34 = OH mg/L
CO_3 as $CaCO_3$ X 0.60 = CO_3 mg/L
HCO_3 as $CaCO_3$ X 1.22 = HCO_3 mg/L

ALKALINITY RELATIONSHIP

RESULT OF TITRATION	OH as $CaCO_3$	CO_3 as $CaCO_3$	HCO_3 as $CaCO_3$
P = 0	0	0	T
P < ½ T	0	2 P	T − 2 P
P = ½ T	0	2 P	0
P > ½ T	2 P − T	2 (T − P)	0
P = T	T	0	0

P = Phenolphthalein Alkalinity at pH 8.3
T = Total Alkalinity at pH 4.5

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RESIDUE - TDS

☑ Total Dissolved Solids (180° C) EPA 160.1
SOP HC-ATM-E144

Analyst: R. Cooper Date/Time: 0645 5-27-94 QA #: 297389

Reviewed By: _____ Date: _____

LCS Std. ID & Conc.: G940310A 500mg/L Detection Limit = 10 mg/L Balance ID: 14478

Dish Prep. In Des: 1030 Out Des: 1200

Drying Time In Oven: 31/1500 Out Oven: 31/1700 In Oven: 31/1840 Out Oven: 31/1940

Cooling Time In Des: 31/1700 Out Des: 31/1830 In Des: 31/1945 Out Des: 31/2115

008437

Sample ID	Dish ID	Sample Vol. (mls)	Dish Tare (g) Initial Wt.	Dish and Sample (g) Dry Wt. 1	Dish and Sample (g) Dry Wt. 2	Measured Residue (g)	Final Conc. (mg/L)	% Rec or RPD
Empty Dish	1	------	60.7770	~~60.7760~~ Broke Dish		------	------	------
Method Blank	IO	100	59.6639	59.6640	59.6639	0	0	0
LCS Standard	CR	50	59.1845	59.2095	59.2095	0.0250	500	100% 500
117 940794-18	Zn	50	57.7979	57.8023	57.8022	0.0043	86	86
57 19	IL		56.2559	56.2607 ~~0~~	56.2605	0.0046	92	92
93 20	CA		57.8112	57.8153	57.8153	0.0041	82	82
65 21	XIB		58.6064	58.6090	58.6088	0.0024	48	48
115 22	IA		59.5070	59.5106	59.5106	0.0036	72	72
46 23	Mo		61.2405	61.2427	61.2427	0.0022	44	44
187 24	132		57.1914	57.1981	57.1980	0.0066	132	132
124 25	MBM		56.2603	56.2646	56.2646	0.0043	86	86
51 26	As		60.6999	60.7023	60.7018	0.0019	38	38
46 27	Z		58.0563	58.0582	58.0581	0.0018	36	36
41 28	PI	↓	57.2214	57.2235	57.2234	0.0020	40	40
MB2	BB	100	54.9658	54.9654	54.9652	-0.0006	-6	0

Comments: Used Empty page 54

NOTE: Continued on back of page.

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Sample ID	Dish ID	Sample Vol. (mls)	Dish Tare (g) Initial Wt.	Dish and Sample (g) Dry Wt. 1	Dish and Sample (g) Dry Wt. 2	Measured Residue (g)	Final Conc. (mg/L)	% Rec or RPD
76 940794-29	K2	50	57.7344	57.7373	57.7373	0.0029	58	58
45 30	S		60.4166	60.4185	60.4183	0.0017	34	34
57 31	13A		55.9680	55.9701	55.9700	0.0020	40	40
76 31ED	!		50.9407	50.9443	50.9443	0.0036	72	72
50 32	F22		62.9787	62.9815	62.9813	0.0026	52	52
52 33	J		57.4564	57.4596	57.4594	0.0030	60	60
48 33ED	O		61.9070	61.9102	61.9100	0.0030	60	60
31 34	1A		59.9547	59.9562	59.9560	0.0013	26	26
1 EB DI (0518)	QA	↓	58.6607	58.6607	58.6607	0	0	0
1640 941293-1	~~X7~~	~~75~~ 50	55.8257	55.8764	55.8766	0.0509	1018	1020
1MD	C4	50	57.8178	57.8684	57.8685	0.0507	1014	1010
2680 941309-1		50	58.2383 81	58.3405	58.3404	0.1023	2046	2050
1MD	Rx	50	51.9436	52.0476	52.0428	0.0992	1984	1980
2740 2	72	50	58.2185	58.3137	58.3237	0.1052	2104	2100
MB 3	NA	100	59.8535	59.8535	59.8533	-0.0002	-2	0
726 941310-1	YF	100	58.1659	58.2276	58.2276	0.0617	617	617
698 2	99	100	55.8469	55.9086	55.9086	0.0617	617	617
710 3	B28	100	61.4858	61.5473	61.5471	0.0613	613	613
2 4	K9	100	61.0205	61.0205	61.0205	0	0	0
2 5	DB	100	58.5648	58.5653	58.5653	0.0005	5	0
680 6	*	100	58.3701	58.4265	58.4265	0.0564	564	564
448 13	E4	100	57.8021	57.8887	57.8886	0.0865	865	865

Comments:

Total Dissolved Solids (mg/L) = [Final Wt. (g) - Initial Dish Wt. (g)] X 1,000,000 / Sample Volume (mls)

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RESIDUE - TDS

☐ Total Dissolved Solids (180° C) EPA 160.1
SOP HC-ATM-E144

QA #

Analyst _____ Date/Time _____

Reviewed By _____ Date _____

LCS Std. ID & Conc. _____ Detection Limit = 10 mg/L Balance ID _____

Dish Prep. In Des _____ Out Des _____

Drying Time In Oven _____ Out Oven _____ In Oven _____ Out Oven _____

Cooling Time In Des _____ Out Des _____ In Des _____ Out Des _____

008439

Sample ID	Dish ID	Sample Vol. (mls)	Dish Tare (g) Initial Wt.	Dish and Sample (g) Dry Wt. 1	Dish and Sample (g) Dry Wt. 2	Measured Residue (g)	Final Conc. (mg/L)	% Rec or RPD
Empty Dish		------				----	----	----
Method Blank								
LCS Standard								
988 941310-14	KA	100	57.7110	57.7975	57.7977	0.0867	867	867
14MD	Zr	100	52.9658	53.0526	53.0527	0.0869	869	869
2 15	FZ	100	57.5792	57.5791	57.5793	0.0001	1	0
980 16	Cu	100	59.2563	59.3427	59.3425	0.0862	862	862
660 17	SU	100	56.9381	56.9906	56.9907	0.0526	526	526
1300 18	LH	100	57.4650	57.5908	57.5908	0.1258	1,258	1,260
980 19	MP	100	59.2466	59.3308	59.3307	0.0841	841	841
1060 20	Bo	100	57.4552	57.5469	57.5469	0.0917	917	917
770 21	AM	100	60.5985	60.6588	60.6586	0.0601	601	601
460 22	Ti	100	60.6607	60.6895	60.6895	0.0288	288	288
1010 23	B3	100	54.0315	54.1178	54.1178	0.0863	863	863
910 24	10	100	60.9227	60.9981	60.9981	0.0754	754	754

Comments:

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Sample ID	Dish ID	Sample Vol. (mls)	Dish Tare (g) Initial Wt.	Dish and Sample (g) Dry Wt. 1	Dish and Sample (g) Dry Wt. 2	Measured Residue (g)	Final Conc. (mg/L)	% Rec or RPD
1050 941310-25	RV	100	60.3313	60.4213	60.4214	0.0901	901	901
25MD	X1a	100	57.5323	57.6222	57.6222	0.0899	899	899
1060 941310-20 MD	T	100	59.7638	59.8552	59.8550	0.0912	912	912
Empty	CS	100	58.3338	58.3334	58.3334	-0.0004	-4	2
MB 4	AE	100	57.7513	57.7510	57.7510	-0.0003	-3	0

Comments:

Total Dissolved Solids (mg/L) = [Final Wt. (g) - Initial Dish Wt. (g)] X 1,000,000 / Sample Volume (mls)

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☒ Total Suspended Solids (103-105° C) EPA 160.2
☐ Total Volatile Suspended Solids (550° C) SM 2540 E

QA # 297299

% Rec or RPD

Analyst KDB Date/Time 5/27/94 1030

Reviewed By _____ Date _____

LCS Std. ID & Conc. G940523A 190.8 ≈ 191 mg/L Detection Limits: TSS and TVSS Solids = 4 mg/L

	Total Suspended Solids		Total Volatile Suspended Solids	
Cruc. Prep.	In Des 27/035	Out Des 27/1127	In ~~Furn~~ oven 27/1425	Out ~~Furn~~ oven 27/1510
Drying Time	In Oven 27/1200	Out Oven 27/1315	In Des 27/1510	Out Des 27/1603
Cooling Time	In Des 27/1315	Out Des 27/1420		

Sample ID	Cruc ID	Sample Vol. (mls)	Cruc. Tare (g) Initial Wt.	Cruc. and Sample (g) Dry Wt. 1	Cruc. and Sample (g) Dry Wt. 2	Measured Residue (g)	Final Conc. (mg/L)	% Rec or RPD
						------	------	------
Empty Dish	E	------	21.5338	21.5338	21.5338	~~0~~	~~0~~	
Method Blank	TOE	100	24.8281	24.8281	24.8279	0.0174	174	91%
LCS Standard	P&LE	100	23.7069	23.7245	23.7243	0.0003	~~0~~	
941292-1	Z-47	100	26.4729	26.4731	26.4732	0.0007	12	
1293-3	2	59	22.5182	22.5188	22.5189	0.0007	13	
-5	C-19	53	25.1613	25.1617	25.1620	0.0022	22	
-7	C2	100	27.3423	27.3446	27.3445	0.0011	22	
mD -7	~~Z~~	5/26 50 ~~100~~	26.8011	26.8020	26.8022	0.0011	22	
-7	C-26	50	25.4176	25.4185	25.4187			
	XJ		23.4562					
	C20		25.3976					
	C-9A		27.4126					
	Bat		20.4347					

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Comments:

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CORE LABORATORIES

MME 298051 MMES 298058 MME 298240 NMEU 298241 NMED 298242 MME5 298244 MME6 298245

TJA 11 MERCURY RUN LOG

Instrument ID #2849

SOP HC-ATM-E001, HC-ATM-E002, HC-ATM-E046, HC-ATM-E047 EPA Method Reference CLP SOW 9/91

Prep. Date 6/6/94 Analyst NB Time On/Off _____ Digestion Temp. _____

Analysis Date 6/7/94 Analyst VMT Run Start Time 1030 Run End Time _____

ICV Std. ID 03118 CCV Std. ID 12280 Spike Solution ID _____

ICV Conc. 4.0 CCV Conc. 2.50 Spike Conc. MS PDS

Cal. Std. ID 12288 R Value 0.9999 Slope 26.40 Intercept -0.02

Calibration Blank 1	Absorb. 0.000	Cal. Std. 3 - 2.0 ug/L	Absorb. 0.080
Calibration Blank 2	Absorb. 0.000	Cal. Std. 4 - 5.0 ug/L	Absorb. 0.192
Cal. Std. 1 - 0.5 ug/L	Absorb. 0.019	Cal. Std. 5 - 10.0 ug/L	Absorb. 0.378
Cal. Std. 2 - 1.0 ug/L	Absorb. 0.037	Cal. Std. 6 _____	Absorb. _____

NOTE: Values are in units of ug/L. Direct instrument printouts are not available for this instrument.
Integration time = 1 second.

Sample ID	Aliquot mls or grams	Dil. Factor	Absorb	Conc. ug/L or mg/Kg	Sample ID	Aliquot mls or grams	Dil. Factor	Absorb	Conc. ug/L or mg/Kg
ICV			0.159	4.17	941079-11		2x	0.001	0
ICB			<0.1		11MS		2x	0.180	4.77
CLA			0.008	0.22	12			0.019	0.48
LCS DV29B	0.10	10x	0.134	TV(3.2) 3.52	12MD			0.017	0.43
941293-4	0.21		0.008	<0.1	13			0.003	<0.1
4MD	0.21		0.006	<0.1	CCV			0.092	2.40
6	0.22		0.002	<	CCB			0.000	
6MS	0.21		0.195	5.13	EB			0.007	<
8	0.21		0.012	0.30	EB			0.006	<
9	0.22		0.008		EB			0.001	
941301-1	0.21		0.003		941079-14			0.005	<
941331-1	0.20		0.001		15			0.004	<
CCV			0.095	2.483	16			0.130	3.41
CCB			0.000		17			0.009	0.22
941378-1	0.21		0.004	0.61	18			0.019	0.48
941355-9	0.22		0.002		19			0.002	
941293D-1			0.000		20			0.001	
1MD			0.001		CCV			0.089	2.33
3			0.001		CCB			0.00	
3MS			0.198	5.21	21	2x		0.007	<0.2
5			0.012	0.297	21MS	2x		0.201	5.28
7			0.003		22	2x		0.011	0.27
941293F-1			0.001		~~MD 22LD~~	~~2x~~	STEC	0.019	0.48
1MD			0.000		23			0.021	0.53
CCV			0.094	2.46	24			0.023	0.59
CCB			0.007		25			0.003	<
2			0.021	0.53	26			0.013	0.32
2MS		0.270	[illegible]	7.16	27			0.022	0.56
3			0.013	0.32	28			0.023	0.59
5			0.008	0.191	CCV			0.089	2.32
7			0.003		CCB			0.002	

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NOTE: Continued on back of page.

2PDS 0.128 - 3.36

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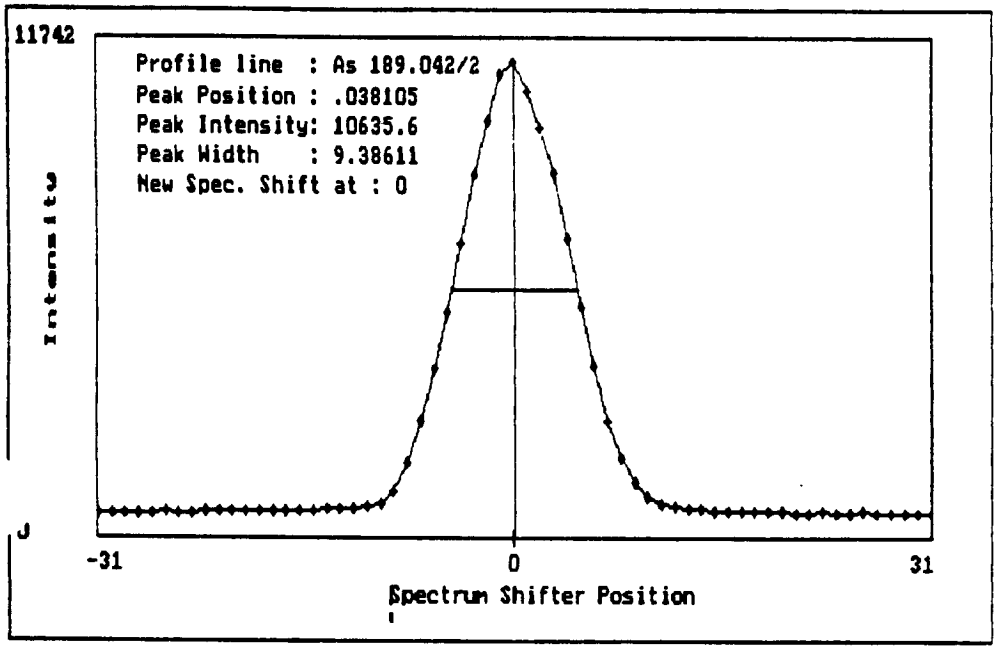

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Method: DISS Standard: DISS 0

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Avge	-.00540	.02570	.00365	.00420	.00035	-.00630	.66870
SDev	.00255	.00014	.00403	.00085	.00120	.00014	.00014
%RSD	47.140	.55028	110.42	20.203	343.45	2.2448	.02115
#1	-.00720	.02580	.00080	.00360	-.00050	-.00620	.66880
#2	-.00360	.02560	.00650	.00480	.00120	-.00640	.66860

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avge	.02390	.00820	-.00040	-.00060	.00035	.00125	.19370
SDev	.00014	.01499	.00057	.00113	.00007	.00276	.02475
%RSD	.59172	182.81	141.42	188.56	20.203	220.62	12.777
#1	.02380	-.00240	-.00080	-.00140	.00030	-.00070	.17620
#2	.02400	.01880	.00000	.00020	.00040	.00320	.21120

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Avge	2.1439	.06370	.13800	.00070	.00180	4.4434	.90450
SDev	.0095	.00113	.00057	.00042	.00057	.0051	.00580
%RSD	.44196	1.7761	.40992	60.609	31.427	.11458	.64105
#1	2.1372	.06290	.13760	.00040	.00140	4.4398	.90040
#2	2.1506	.06450	.13840	.00100	.00220	4.4470	.90860

Elem	Ni2316	Si2881	SiO2	Sn1899	Sr4215	Tl1908	V_2924
Avge	.00645	.04420	.04420	.00140	.00080	-.03100	.00020
SDev	.00743	.00226	.00226	.00198	.00057	.00198	.00057
%RSD	115.11	5.1193	5.1193	141.42	70.711	6.3868	282.84
#1	.01170	.04260	.04260	.00280	.00040	-.03240	-.00020
#2	.00120	.04580	.04580	.00000	.00120	-.02960	.00060

Elem	Zn2138	Pb 1st	Pb 2nd	Sb 1st	Sb 2nd	Se 1st	Se 2nd
Avge	.00210	.05780	.01420	-.03820	.00310	-.01720	.00670
SDev	.00071	.04158	.00085	.00057	.00467	.01471	.00269
%RSD	33.672	71.934	5.9755	1.4809	150.55	85.511	40.105
#1	.00260	.08720	.01480	-.03860	-.00020	-.00680	.00480
#2	.00160	.02840	.01360	-.03780	.00640	-.02760	.00860

Method: DISS Standard: DISS 1

Elem	Ag3280	As1890	Cd2265	Tl1908	Pb 1st	Pb 2nd	Se 1st
Avge	67.301	19.816	151.17	7.8060	25.609	38.008	14.379
SDev	.010	.003	.24	.0277	.011	.101	.030
%RSD	.01555	.01534	.15680	.35510	.04363	.26567	.20949
#1	67.308	19.814	151.33	7.7864	25.601	38.079	14.357
2	67.294	19.818	151.00	7.8256	25.617	37.936	14.400

Elem	Se 2nd
Avge	8.0337
SDev	.0423
%RSD	.52634

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#1	8.0636
#2	8.0038

Method: DISS Standard: DISS 3

Elem	Al3082	B_2496	Be3130	Fe2714	K_7664	Mo2020	Na5889
Avge	2.6179	7.4639	29.046	1.6228	13.658	4.9255	50.784
SDev	.0089	.0035	.033	.0008	.146	.0018	.126
%RSD	.34034	.04737	.11247	.04793	1.0655	.03732	.24756
#1	2.6116	7.4664	29.023	1.6222	13.555	4.9242	50.695
#2	2.6242	7.4614	29.069	1.6233	13.761	4.9268	50.873

Elem	Ni2316	Si2881	SiO2	V_2924
Avge	54.507	26.104	26.104	3.3083
SDev	.007	.024	.024	.0018
%RSD	.01310	.09372	.09372	.05558
#1	54.512	26.086	26.086	3.3070
#2	54.502	26.121	26.121	3.3096

Method: DISS Standard: DISS 2

Elem	Ba4934	Ca3968	Co2286	Cr2677	Cu3247	Mg2852	Mn2576
Avge	23.982	149.76	6.9109	10.283	.17330	44.350	32.739
SDev	.017	.29	.0115	.015	.00014	.038	.045
%RSD	.07165	.19104	.16576	.14578	.08161	.08594	.13823
#1	23.970	149.56	6.9028	10.272	.17320	44.323	32.707
#2	23.994	149.96	6.9190	10.293	.17340	44.377	32.771

Elem	Sr4215	Zn2138
Avge	81.581	10.244
SDev	.067	.017
%RSD	.08165	.16567
#1	81.534	10.232
#2	81.628	10.256

Method: DISS Standard: DISS 5

Elem	Ca3179	K_4047	Mg2790	Na3302
Avge	31.069	4.0713	39.377	3.9190
SDev	.021	.0027	.029	.0037
%RSD	.06691	.06601	.07435	.09383
#1	31.054	4.0732	39.356	3.9216
#2	31.084	4.0694	39.397	3.9164

Method: DISS Standard: DISS 4

Elem	Sn1899	Sb 1st	Sb 2nd
Avge	7.0461	38.853	10.847

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SDev	.0010	.003	.035
%RSD	.01405	.00691	.31945
#1	7.0454	38.851	10.871
#2	7.0468	38.855	10.822

Method: DISS Sample Name: ICV 0524F Operator:
Run Time: 06/02/94 09:04:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00042	.00445	2.1690	.00559	.00022	2.1111	2.1670
SDev	.00050	.00011	.0014	.00104	.00012	.0016	.0049
%RSD	121.22	2.5385	.06257	18.631	54.286	.07538	.22406
#1	.00006	.00453	2.1681	.00485	.00013	2.1100	2.1635
#2	.00077	.00437	2.1700	.00633	.00030	2.1123	2.1704

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.3956	1.9688	2.0008	2.0078	2.0183	1.9611	.02779
SDev	.0045	.0021	.0037	.0045	.0020	.0038	.10966
%RSD	.18978	.10524	.18409	.22261	.10133	.19518	394.56
#1	2.3923	1.9673	1.9982	2.0046	2.0169	1.9584	-.04975
#2	2.3988	1.9703	2.0034	2.0109	2.0198	1.9638	.10533

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.5578	1.9487	2.4765	2.0160	2.0056	-.05045	.78264
SDev	.2386	.0018	.0081	.0038	.0029	.00053	.02798
%RSD	6.7059	.09426	.32745	.19070	.14321	1.0527	3.5755
#1	3.3891	1.9474	2.4708	2.0133	2.0036	-.05082	.76285
#2	3.7265	1.9500	2.4822	2.0187	2.0076	-.05007	.80242

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.0804	1.9586	2.0770	2.1289	.13142	.24995	-.00014
SDev	.0049	.0003	.0016	.0131	.00024	.00058	.00080
%RSD	.23418	.01703	.07575	.61755	.18035	.23055	565.69
#1	2.0769	1.9584	2.0781	2.1381	.13159	.25035	-.00071
#2	2.0838	1.9589	2.0759	2.1196	.13125	.24954	.00043

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00002	1.9272	2.0449	2.0469	1.9546	1.9600	2.0924
SDev	.00000	.0061	.0045	.0009	.0055	.0018	.0041
%RSD	75011	31436	.22011	.04520	.28319	.09384	.19376
#1	-.00002	1.9230	2.0417	2.0475	1.9507	1.9613	2.0895
#2	-.00002	1.9315	2.0480	2.0462	1.9585	1.9587	2.0953

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.0672	2.1262	2.1282
SDev	.0044	.0066	.0162
%RSD	.21202	.30977	.76166
#1	2.0703	2.1309	2.1397
#2	2.0641	2.1216	2.1168

Method: DISS Sample Name: ICV 0223C Operator: WGL
Run Time: 06/02/94 09:09:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.0645	2.1271	-.00278	2.0477	2.0775	.00050	.00240
SDev	.0055	.0065	.00123	.0148	.0010	.00002	.00146
%RSD	.26869	.30762	44.366	.72224	.04826	4.6396	60.863
#1	2.0605	2.1225	-.00365	2.0372	2.0768	.00052	.00344
#2	2.0684	2.1318	-.00190	2.0581	2.0782	.00048	.00137

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00532	.00044	.00318	.00394	.00145	.00321	20.520
SDev	.00114	.00017	.00368	.00488	.00409	.00044	.339
%RSD	21.434	37.935	115.71	123.96	282.72	13.576	1.6534
#1	.00612	.00032	.00579	.00739	.00434	.00352	20.280
#2	.00451	.00056	.00058	.00049	-.00145	.00291	20.760

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	21.404	-.00174	.01019	.00535	.00231	2.0233	2.7531
SDev	.147	.00348	.00360	.00700	.00014	.0061	.1550
%RSD	.68741	200.54	35.355	130.92	6.2201	.29959	5.6310
#1	21.508	.00073	.01274	.01029	.00241	2.0190	2.6435
#2	21.300	-.00420	.00765	.00040	.00221	2.0276	2.8627

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00010	-.00134	.00461	-.00044	1.0730	2.2951	.00142
SDev	.00005	.00081	.00252	.00590	.0106	.0227	.00020
%RSD	51.750	60.742	54.625	1329.6	.98773	.99103	14.142
#1	.00006	-.00191	.00639	-.00462	1.0655	2.2790	.00156
#2	.00014	-.00076	.00283	.00373	1.0805	Q2.3112	.00128

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00586	.00137	-.00014	.00415	-.00128	-.00166	.00489
SDev	.00648	.00330	.00020	.00317	.00269	.00013	.00281
%RSD	110.65	240.07	142.96	76.436	209.72	7.6271	57.389

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#1	.01044	-.00096	-.00028	.00639	-.00319	-.00157	.00687
#2	.00127	.00370	.00000	.00190	.00062	-.00175	.00291

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00237	-.00092	-.00230
SDev	.00237	.00060	.00855
%RSD	100.24	64.681	371.17
#1	.00404	-.00135	-.00835
#2	.00069	-.00050	.00374

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Method: DISS Sample Name: ICV 0426F Operator: WGL
Run Time: 06/02/94 09:12:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00012	.00542	-.00158	.02038	-.00566	.00169	S15.888
SDev	.00048	.01290	.00144	.00758	.00041	.00222	.001
%RSD	406.59	238.10	91.083	37.216	7.2703	131.43	.00609
#1	.00022	.01454	-.00260	.02574	-.00595	.00326	S15.889
#2	-.00046	-.00370	-.00056	.01501	-.00537	.00012	S15.888

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	104.80	-.00011	.00022	.00097	-.00145	-.01645	S1000.0
SDev	.62	.00006	.00031	.00028	.00000	.00207	1.1
%RSD	.59517	53.492	141.42	28.284	.00601	12.590	.03658
#1	105.24	-.00015	-.00000	.00078	-.00145	-.01498	S1000.0
#2	104.36	-.00007	.00043	.00117	-.00145	-.01791	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	102.03	S179.71	104.94	-.00328	.01757	S76.023	53.407
SDev	.55	.00	.46	.00010	.00819	.000	.304
%RSD	.53815	.00027	.43899	3.1218	46.595	.00001	.56909
#1	102.41	S179.71	105.26	-.00335	.02336	S76.023	53.622
#2	101.64	S179.71	104.61	-.00320	.01178	S76.023	53.192

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Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00063	.00010	.00115	.00388	.04402	.09413	Q.12279
SDev	.00151	.00087	.00379	.00054	.05850	.12514	.00080
%RSD	239.49	895.84	328.67	13.830	132.91	132.93	.65397
#1	.00169	.00071	.00383	.00426	.08538	.18262	Q.12336
#2	-.00044	-.00052	-.00153	.00350	.00265	.00565	Q.12222

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0192	.00271	.00197	-.00849	-.00267	.00058	-.00047

SDev	.0062	.00159	.00321	.00012	.00230	.00245	.00139
%RSD	.60384	58.695	163.05	1.4083	86.101	423.02	295.76
#1	1.0235	.00384	.00423	-.00858	-.00430	.00231	.00051
#2	1.0148	.00159	-.00030	-.00841	-.00104	-.00115	-.00145

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00001	-.00042	.00392
SDev	.00477	.00020	.00071
%RSD	35758.	47.195	17.992
#1	.00339	-.00028	.00442
#2	-.00336	-.00056	.00342

Method: DISS Sample Name: ICB 0510B Operator: WGL
Run Time: 06/02/94 09:22:04
omment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00003	.01236	-.00095	.00107	.00006	.00017	-.00003
SDev	.00029	.00109	.00132	.00076	.00030	.00003	.00002
%RSD	989.95	8.8466	139.53	70.710	473.99	14.305	60.787
#1	-.00024	.01158	-.00188	.00161	.00027	.00019	-.00004
#2	.00018	.01313	-.00001	.00054	-.00015	.00016	-.00002

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00369	.00002	-.00022	.00053	-.00289	-.00830	.04707
SDev	.00000	.00009	.00010	.00021	.00204	.00698	.00723
%RSD	.08805	612.02	47.140	38.569	70.712	84.133	15.366
#1	.00368	.00008	-.00029	.00039	-.00434	-.01324	.04196
#2	.00369	-.00005	-.00014	.00068	-.00145	-.00336	.05218

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.60513	-.00004	.01981	-.00000	-.00030	.00574	-.18234
SDev	.08596	.00015	.00165	.00004	.00014	.00002	.01750
%RSD	14.205	354.88	8.3188	2785.8	47.113	.31701	9.5957
#1	-.54434	-.00015	.02098	.00003	-.00041	.00572	-.16997
#2	-.66591	.00007	.01865	-.00003	-.00020	.00575	-.19471

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00033	-.00064	.00190	-.00109	-.00770	-.01648	-.00043
SDev	.00021	.00015	.00032	.00294	.00239	.00513	.00040
%RSD	62.271	23.789	16.961	270.61	31.085	31.097	94.281
#1	-.00048	-.00075	.00213	.00099	-.00601	-.01286	-.00014
#2	-.00019	-.00054	.00167	-.00317	-.00940	-.02011	-.00071

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Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00000	.00328	-.00045	-.00004	-.00207	-.00023	.00281
SDev	.00000	.00058	.00021	.00001	.00085	.00065	.00031
%RSD	.08805	17.781	46.963	12.877	40.798	281.12	11.136
#1	-.00000	.00370	-.00030	-.00004	-.00147	-.00069	.00303
#2	-.00000	.00287	-.00060	-.00005	-.00267	.00023	.00259

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00065	.00007	-.00361
SDev	.00033	.00255	.00590
%RSD	50.105	3653.5	163.23
#1	-.00042	-.00174	.00056
#2	-.00088	.00188	-.00779

008450

Method: DISS Sample Name: ISA 0531M Operator: WGL
Run Time: 06/02/94 09:25:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00145	428.13	-.00441	-.00248	-.01920	.04568	S-.07876
SDev	.00077	6.28	.00261	.00047	.00091	.00067	.00090
%RSD	52.942	1.4671	59.157	19.099	4.7638	1.4587	1.1486
#1	-.00199	432.57	-.00256	-.00215	-.01855	.04615	S-.07940
#2	-.00091	423.69	-.00625	-.00282	-.01985	.04521	S-.07812

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	476.06	.05573	.00000	.01079	.00026	178.63	-17.717
SDev	7.97	.00175	.00041	.00055	.00220	3.06	16.983
%RSD	1.6746	3.1398	.00000	5.0963	847.30	1.7154	95.855
#1	481.70	.05697	-.00029	.01118	.00181	180.80	-5.7084
#2	470.43	.05450	.00029	.01041	-.00129	176.46	-29.726

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.4682	S177.11	480.04	.00531	-.00575	S75.967	551.14
SDev	1.6015	.23	8.71	.00017	.00280	.001	7.72
%RSD	16.914	.13012	1.8153	3.2824	48.668	.00114	1.4008
#1	8.3358	S176.95	486.21	.00543	-.00377	S75.966	556.60
#2	10.601	S177.28	473.88	.00518	-.00772	S75.967	545.68

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05170	.06041	.00055	.02553	.00357	-.01550	-.00362
SDev	.00161	.00082	.00181	.00081	.00645	.01419	.00251
%RSD	3.1199	1.3520	326.29	3.1716	180.67	91.586	69.324

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#1	.05284	.05983	.00183	.02611	-.00099	-.02554	-.00185
#2	.05056	.06099	-.00072	.02496	.00813	-.00546	-.00539

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00003	.10492	.00403	-.03123	-.01596	.09794	.00712
SDev	.00005	.00897	.00026	.00004	.00937	.00387	.00116
%RSD	171.91	8.5465	6.5031	.11818	58.693	3.9572	16.298
#1	-.00006	.11126	.00421	-.03121	-.02258	.10068	.00794
#2	.00001	.09857	.00384	-.03126	-.00933	.09520	.00630

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00482	.05122	.01061
SDev	.00213	.01010	.00626
%RSD	44.243	19.727	58.961
#1	-.00331	.04407	.01504
#2	-.00633	.05836	.00619

Method: DISS Sample Name: ISB 0111K Operator: WGL
Run Time: 06/02/94 09:26:59
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.98367	416.89	.99399	.96487	.45447	.52647	S-.07725
SDev	.07253	1.10	.00505	.00085	.00029	.00016	.00021
%RSD	7.3736	.26431	.50825	.08842	.06322	.03127	.26610
#1	1.0350	416.12	.99042	.96427	.45427	.52636	S-.07711
#2	.93238	417.67	.99757	.96547	.45467	.52659	S-.07740

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	461.06	.93564	.43689	.45710	.48143	173.47	9.5010
SDev	.72	.00014	.00010	.00048	.00001	.16	.3896
%RSD	.15613	.01505	.02342	.10530	.00165	.09135	4.1008
#1	460.55	.93554	.43697	.45676	.48142	173.35	9.2255
#2	461.57	.93574	.43682	.45745	.48143	173.58	9.7765

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	20.070	S177.08	466.10	.46116	.96591	S75.964	533.58
SDev	.439	.00	.67	.00012	.00559	.000	2.66
%RSD	2.1886	.00159	.14321	.02647	.57848	.00019	.49855
#1	19.760	S177.08	465.62	.46108	.96196	S75.964	531.70
#2	20.381	S177.08	466.57	.46125	.96986	S75.964	535.47

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.93974	.95019	.95465	.99935	.46656	.96863	.92161

008451

SDev	.00041	.00324	.00329	.00267	.00021	.00042	.00090
%RSD	.04349	.34132	.34490	.26733	.04526	.04376	.09802
#1	.93945	.94789	.95233	.99746	.46641	.96833	.92225
#2	.94003	.95248	.95698	1.0012	.46671	.96893	.92098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.95797	1.0310	.47090	.95528	.86638	.99113	.97713
SDev	.00040	.0023	.00041	.00102	.00055	.00459	.00160
%RSD	.04137	.22282	.08766	.10647	.06348	.46289	.16411
#1	.95769	1.0294	.47119	.95456	.86600	.98788	.97600
#2	.95825	1.0326	.47060	.95599	.86677	.99437	.97826

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.94133	1.0202	.98681
SDev	.00414	.0118	.00186
%RSD	.43936	1.1522	.18883
#1	.93841	1.0119	.98813
#2	.94426	1.0286	.98550

008452

Method: DISS Sample Name: CRI 0112C Operator: WGL
Run Time: 06/02/94 09:33:00
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03025	.11319	.01017	.20081	.20381	.01026	S32.368
SDev	.00046	.00436	.00189	.00114	.00106	.00000	.000
%RSD	1.5281	3.8532	18.606	.56645	.52044	.00453	.00080
#1	.03058	.11011	.01150	.20161	.20456	.01026	S32.368
#2	.02992	.11628	.00883	.20000	.20306	.01026	S32.368

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	10.297	.01184	.09781	.02003	.03759	.07088	10.296
SDev	.008	.00014	.00041	.00041	.00204	.00437	.033
%RSD	.08054	1.1532	.41841	2.0595	5.4389	6.1592	.31770
#1	10.303	.01174	.09810	.01974	.03904	.07397	10.273
#2	10.291	.01193	.09752	.02032	.03614	.06780	10.320

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L8.7691	H9.4878	10.708	.01967	.02143	S42.018	8.3037
SDev	.1022	.0186	.021	.00004	.00072	48.093	.0044
%RSD	1.1655	.19566	.20009	.21801	3.3512	114.46	.05289
#1	L8.6968	H9.5010	10.723	.01970	.02092	S76.024	8.3006
#2	L8.8414	H9.4747	10.692	.01964	.02193	H8.0110	8.3068

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	Si02	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.08346	.00706	.00857	.01027	.09322	.19907	.10263
SDev	.00080	.00061	.00063	.00516	.00079	.00170	.00000
%RSD	.95550	8.6851	7.3359	50.286	.85059	.85485	.00000
#1	.08402	.00749	.00902	.01392	.09378	.20027	.10263
#2	.08290	.00662	.00813	.00662	.09265	.19787	.10263

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01997	.00879	.01941	.10276	.00625	.00686	.00842
SDev	.00007	.00253	.00000	.00013	.00012	.00056	.00415
%RSD	.34613	28.760	.00370	.12462	1.9665	8.1083	49.274
#1	.02002	.01057	.01940	.10285	.00616	.00725	.01135
#2	.01992	.00700	.01941	.10267	.00634	.00646	.00548

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00670	.01422	.00619
SDev	.00092	.00668	.00441
%RSD	13.676	46.971	71.127
#1	.00605	.01895	.00931
#2	.00735	.00950	.00308

008453

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Method: DISS Sample Name: 941030-001 Operator: WGL
Run Time: 06/02/94 09:50:04
Comment: EPA 1X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01128	.17204	.15013	.03283	-.00015	.00553	-.00387
SDev	.00081	.00219	.00426	.00076	.00000	.00007	.00008
%RSD	7.1688	1.2710	2.8404	2.3081	.00102	1.3417	2.0884
#1	.01186	.17359	.15315	.03336	-.00015	.00558	-.00382
#2	.01071	.17049	.14712	.03229	-.00015	.00547	-.00393

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.00074	.02283	-.00022	.01206	.42218	-.00126	.06589
SDev	.00002	.00002	.00010	.00041	.00204	.00479	.01295
%RSD	2.1745	.10493	47.140	3.4215	.48417	380.21	19.651
#1	L-.00073	.02285	-.00029	.01177	.42074	-.00465	.05674
#2	L-.00076	.02282	-.00014	.01235	.42363	.00213	.07505

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.55195	-.00489	L.01515	.59676	.00111	.18495	L.14896
SDev	.39428	.00002	.00165	.00250	.00158	.00087	.10934
%RSD	71.434	.40863	10.878	.41977	141.69	.46826	73.405

#1	L-.83075	-.00488	L.01398	.59853	-.00000	.18556	L.07164
#2	L-.27315	-.00491	L.01632	.59499	.00223	.18434	L.22627

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.28291	.02550	.00096	.05621	.07268	.15528	.00213
SDev	.00211	.00073	.00119	.00087	.00106	.00227	.00040
%RSD	.74530	2.8839	123.01	1.5405	1.4657	1.4629	18.856
#1	.28441	.02602	.00013	.05682	.07193	.15367	.00185
#2	.28142	.02498	.00180	.05560	.07343	.15689	.00241

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00005	-.00053	.00033	.42862	.02415	.02588	.00421
SDev	.00007	.01029	.00043	.00145	.00111	.00166	.00077
%RSD	141.48	1950.5	127.54	.33704	4.5952	6.4019	18.239
#1	-.00010	-.00780	.00064	.42964	.02336	.02705	.00475
#2	.00000	.00675	.00003	.42759	.02493	.02470	.00367

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00275	.04941	.05751
SDev	.00216	.00525	.00132
%RSD	78.542	10.632	2.3029
#1	-.00428	.05312	.05657
#2	-.00122	.04569	.05845

Method: DISS Sample Name: 941030-001 10X CONC Operator: WGL
Run Time: 06/02/94 09:51:36
Comment: EPA .1X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00253	1.5995	1.4819	.26387	.00035	.05376	.01326
SDev	.00023	.0087	.0033	.00085	.00000	.00007	.00001
%RSD	9.1508	.54643	.22520	.32317	.00056	.13588	.08315
#1	.00236	1.6056	1.4795	.26448	.00035	.05381	.01327
#2	.00269	1.5933	1.4842	.26327	.00035	.05371	.01325

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.01805	.23049	.00014	.12015	4.2247	.00067	-.06160
SDev	.00002	.00004	.00020	.00034	.0020	.01046	.09945
%RSD	.11931	.01748	141.42	.28616	.04837	1553.3	161.45
#1	L.01804	.23052	-.00000	.11990	4.2233	.00807	.00872
#2	L.01807	.23046	.00029	.12039	4.2262	-.00672	L-.13193

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-1.4351	-.00356	L.01865	5.8920	-.00063	2.1281	L2.2167

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SDev	.5822	.00020	.00165	.0014	.00057	.0004	.0216
%RSD	40.572	5.5477	8.8387	.02421	91.418	.02036	.97363
#1	L-1.0234	-.00342	L.01748	5.8930	-.00103	2.1284	L2.2320
#2	L-1.8467	-.00370	L.01981	5.8910	-.00022	2.1278	L2.2015

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.8117	.26512	.00209	.53005	.55870	1.1932	-.00114
SDev	.0007	.00021	.00134	.00047	.00159	.0034	.00381
%RSD	.02397	.08050	63.969	.08921	.28440	.28517	335.88
#1	2.8112	.26497	.00115	.53038	.55982	1.1956	-.00383
#2	2.8122	.26527	.00304	.52972	.55757	1.1908	.00156

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00005	.00314	-.00180	4.2133	.26013	.26732	-.00093
SDev	.00000	.00031	.00043	.0022	.00023	.00043	.00046
%RSD	.00122	9.8933	23.767	.05257	.08806	.16248	49.290
#1	.00005	.00292	-.00210	4.2148	.26029	.26701	-.00125
#2	.00005	.00336	-.00150	4.2117	.25997	.26762	-.00060

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00165	.52307	.53143
SDev	.00157	.00653	.00255
%RSD	94.952	1.2490	.48036
#1	.00054	.52769	.52963
#2	.00276	.51846	.53324

Method: DISS Sample Name: 941030-002 Operator: WGL
Run Time: 06/02/94 09:53:17
Comment: EPA 1X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05031	.02223	-.00022	.13841	.87870	.00028	-.01091
SDev	.00020	.00001	.00073	.00142	.00224	.00002	.00002
%RSD	.39672	.03489	333.89	1.0273	.25502	8.6708	.19825
#1	.05046	.02223	.00030	.13942	.88028	.00029	-.01089
#2	.05017	.02222	-.00074	.13741	.87711	.00026	-.01092

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.00950	-.00007	.00014	.00029	L-.00434	-.00740	.02778
SDev	.00001	.00007	.00020	.00028	.00000	.00740	.02048
%RSD	.08234	90.572	141.42	94.281	.00822	100.06	73.731
#1	L-.00949	-.00012	-.00000	.00010	L-.00434	-.01263	.04226
#2	L-.00950	-.00003	.00029	.00049	L-.00434	-.00216	.01330

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Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.79053	-.00590	L.01340	-.00009	.02336	-.00606	L-.17307
SDev	.20547	.00004	.00082	.00009	.00029	.00057	.03056
%RSD	25.992	.64780	6.1489	92.225	1.2298	9.3875	17.657
#1	L-.93582	-.00588	L.01398	-.00003	.02315	-.00565	L-.19467
#2	L-.64524	-.00593	L.01282	-.00015	.02356	-.00646	L-.15146

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00026	-.00143	.02538	.00290	.06563	.14038	-.00021
SDev	.00078	.00006	.00161	.00003	.00346	.00740	.00130
%RSD	300.44	4.3236	6.3642	.94268	5.2683	5.2721	612.83
#1	.00029	-.00147	.02423	.00292	.06808	.14562	-.00114
#2	-.00081	-.00138	.02652	.00288	.06319	.13515	.00071

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00007	.00644	-.00106	-.00072	-.00166	-.00191	.02845
SDev	.00003	.00252	.00022	.00027	.00066	.00000	.00145
%RSD	46.975	39.151	20.334	37.811	40.034	.00878	5.1114
#1	.00005	.00823	-.00121	-.00053	-.00119	-.00191	.02742
#2	.00010	.00466	-.00091	-.00092	-.00213	-.00191	.02948

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.02174	.00389	.00031
SDev	.00169	.00521	.00264
%RSD	7.7969	133.91	848.22
#1	.02054	.00021	.00218
#2	.02294	.00757	-.00156

Method: DISS Sample Name: 941030-002 10X CONC Operator: WGL
Run Time: 06/02/94 09:56:02
Comment: EPA .1X
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.39516	.05454	-.00130	1.3612	8.6433	.00025	.00438
SDev	.00038	.00001	.00130	.0004	.0176	.00002	.00004
%RSD	.09570	.02028	99.863	.02785	.20331	9.7201	.87734
#1	.39543	.05455	-.00038	1.3614	8.6557	.00026	.00441
#2	.39490	.05453	-.00223	1.3609	8.6308	.00023	.00435

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.00949	-.00006	.00152	.00044	L-.00434	-.00628	.10177
SDev	.00002	.00028	.00010	.00021	.00000	.00172	.00158
%RSD	.19785	437.10	6.7344	47.140	.00249	27.445	1.5480

#1	L.00950	-.00026	.00145	.00029	L-.00434	-.00749	.10288
#2	L.00947	.00013	.00159	.00058	L-.00434	-.00506	.10065

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.79226	-.00404	L.01865	-.00000	.24372	.15134	L.08489
SDev	.53146	.00001	.00330	.00013	.00086	.00089	.03049
%RSD	67.081	.20666	17.678	10127.	.35356	.58648	35.920
#1	L.41647	-.00403	L.01632	-.00009	.24311	.15071	L.06333
#2	L1.1681	-.00404	L.02098	.00009	.24433	.15196	L.10645

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00032	.00003	.24756	-.00014	.76666	1.6399	.00128
SDev	.00008	.00052	.00248	.00113	.00026	.0006	.00060
%RSD	26.746	1875.0	1.0029	785.48	.03456	.03477	47.140
#1	-.00026	.00040	.24581	.00066	.76684	1.6403	.00170
#2	-.00037	-.00034	.24932	-.00095	.76647	1.6395	.00085

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00181	.05753	-.00045	.00157	-.00207	.00017	.24513
SDev	.00000	.00203	.00021	.00021	.00050	.00103	.00366
%RSD	.00003	3.5311	47.358	13.198	24.113	591.06	1.4915
#1	.00181	.05609	-.00060	.00172	-.00242	.00090	.24254
#2	.00181	.05896	-.00030	.00142	-.00172	-.00056	.24771

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.24668	-.00141	-.00161
SDev	.00190	.00206	.00273
%RSD	.76901	145.86	169.66
#1	.24534	-.00287	.00032
#2	.24802	.00004	-.00354

Method: DISS Sample Name: 941293D-001 Operator: WGL
Run Time: 06/02/94 09:59:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00002	.01434	.01347	.83673	.73153	.00023	S-.01575
SDev	.00127	.00326	.00171	.00313	.00253	.00000	.00006
%RSD	5704.0	22.715	12.724	.37383	.34650	.75008	.37132
#1	-.00092	.01203	.01225	.83895	.73333	.00022	S-.01571
#2	.00088	.01664	.01468	.83452	.72974	.00023	S-.01579

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	232.06	.00019	.00354	.00019	-.00364	H12.686	31.392

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SDev	.01	.00006	.00072	.00069	.00000	.012	.782
%RSD	.00450	31.701	20.203	353.55	.01958	.09689	2.4905
#1	232.07	.00015	.00304	-.00029	-.00364	H12.695	31.944
#2	232.06	.00023	.00405	.00068	-.00364	H12.678	30.839

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L14.430	S180.29	38.482	.38225	.00619	S76.022	82.822
SDev	2.160	.00	.004	.00061	.00101	.000	.166
%RSD	14.970	.00165	.01070	.15849	16.229	.00001	.20015
#1	L12.903	S180.29	38.484	.38268	.00548	S76.022	82.705
#2	L15.958	S180.29	38.479	.38183	.00690	S76.022	82.939

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01262	.00266	.00766	.06742	9.1372	19.543	.09624
SDev	.00025	.00075	.00088	.00271	.0234	.050	.00040
%RSD	1.9560	27.976	11.483	4.0157	.25601	.25607	.41717
#1	.01245	.00319	.00828	.06550	9.1537	19.578	.09596
#2	.01280	.00213	.00704	.06933	9.1207	19.507	.09653

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.6129	L-.12654	.00032	-.00204	.00275	.00202	.02222
SDev	.0056	.00163	.00064	.00000	.00068	.00103	.00500
%RSD	.34498	1.2852	198.69	.05018	24.671	51.026	22.502
#1	1.6169	L-.12539	-.00013	-.00204	.00227	.00275	.02575
#2	1.6090	L-.12769	.00078	-.00204	.00323	.00129	.01868

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00171	.14467	.02675
SDev	.00118	.00408	.00202
%RSD	68.808	2.8176	7.5659
#1	-.00254	.14179	.02532
#2	-.00088	.14756	.02818

Method: DISS Sample Name: 941293D-001 5 Operator: WGL
Run Time: 06/02/94 10:02:39
Comment: 5X SERIAL DILUTION OF 1X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00048	.02162	.00254	.17271	.14963	.00026	S24.107
SDev	.00053	.00546	.00243	.00047	.00047	.00005	11.393
%RSD	110.49	25.268	95.686	.27447	.31157	18.171	47.263
#1	-.00085	.02548	.00425	.17237	.14996	.00029	S32.163
#2	-.00010	.01776	.00082	.17304	.14930	.00023	S16.050

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	46.964	-.00006	.00058	.00053	-.00419	2.6461	5.6839
SDev	.060	.00007	.00000	.00021	.00000	.0065	.0563
%RSD	.12798	116.97	.00000	38.569	.00678	.24617	.99104
#1	47.006	-.00010	.00058	.00039	-.00419	2.6414	5.7237
#2	46.921	-.00001	.00058	.00068	-.00419	2.6507	5.6441

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L8.9535	H7.3390	8.3482	.07832	.00152	S76.024	16.860
SDev	.3937	.0163	.0140	.00026	.00129	.000	.096
%RSD	4.3966	.22239	.16781	.32949	84.863	.00000	.57047
#1	L8.6751	H7.3505	8.3581	.07850	.00244	S76.024	16.928
#2	L9.2318	H7.3274	8.3383	.07814	.00061	S76.024	16.792

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00241	.00000	.00293	.00957	1.8904	4.0431	.01604
SDev	.00017	.00071	.00224	.00027	.0048	.0102	.00422
%RSD	7.2560	27388.	76.173	2.8223	.25326	.25339	26.282
#1	.00228	-.00050	.00135	.00938	1.8937	4.0504	.01902
#2	.00253	.00050	.00452	.00976	1.8870	4.0359	.01306

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.33304	.00391	-.00083	-.00083	.00067	-.00123	.00742
SDev	.00083	.01107	.00107	.00014	.00003	.00105	.00779
%RSD	.24935	283.30	128.64	16.578	4.3780	85.131	104.97
#1	.33362	.01173	-.00159	-.00093	.00065	-.00197	.00191
#2	.33245	-.00392	-.00008	-.00073	.00069	-.00049	.01292

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00140	.01805	.00323
SDev	.00054	.00290	.00185
%RSD	38.193	16.051	57.259
#1	-.00102	.02010	.00192
#2	-.00178	.01600	.00454

Method: DISS Sample Name: 941293D-001 25 Operator: WGL
Run Time: 06/02/94 10:04:53
Comment: 5X SERIAL DILUTION OF 5X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00016	.01681	-.00019	.03827	.03065	.00026	S32.371
SDev	.00008	.00654	.00161	.00085	.00047	.00000	.002
%RSD	51.426	38.911	847.09	2.2292	1.5174	.26829	.00532

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#1	.00022	.02143	.00095	.03887	.03098	.00026	S32.370
#2	.00010	.01218	-.00133	.03767	.03033	.00026	S32.372

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.6342	-.00004	-.00014	.00029	L-.00720	.54783	1.0570
SDev	.0715	.00001	.00020	.00028	.00000	.00653	.0573
%RSD	.74200	21.142	141.42	94.281	.00483	1.1925	5.4173
#1	9.6848	-.00003	-.00029	.00049	L-.00720	.55245	1.0975
#2	9.5837	-.00004	-.00000	.00010	L-.00720	.54321	1.0165

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L5.6640	1.4882	L1.7568	.01606	-.00091	H2.9360	3.5757
SDev	.1716	.0112	.0157	.00013	.00014	.0235	.0347
%RSD	3.0295	.75220	.89121	.80757	15.719	.80198	.97058
#1	L5.7853	1.4961	L1.7679	.01615	-.00102	H2.9527	3.6002
#2	L5.5426	1.4803	L1.7457	.01597	-.00081	H2.9194	3.5512

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00028	-.00147	.00252	.00241	.37344	.79871	.00305
SDev	.00024	.00001	.00105	.00177	.00293	.00625	.00070
%RSD	85.174	.95714	41.844	73.709	.78327	.78271	23.022
#1	-.00011	-.00148	.00326	.00115	.37551	.80313	.00256
#2	-.00045	-.00146	.00177	.00366	.37137	.79429	.00355

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06850	-.00288	-.00025	-.00023	-.00256	-.00183	.00436
SDev	.00052	.00165	.00000	.00007	.00079	.00037	.00356
%RSD	.75633	57.230	.50261	31.513	30.969	20.480	81.605
#1	.06887	-.00404	-.00025	-.00028	-.00312	-.00157	.00688
#2	.06814	-.00171	-.00026	-.00018	-.00200	-.00210	.00185

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00051	.00202	.00050
SDev	.00020	.00339	.00097
%RSD	39.447	168.10	192.70
#1	-.00065	-.00038	-.00018
#2	-.00037	.00441	.00119

Method: DISS Sample Name: CCV 0511G Operator: WGL
Run Time: 06/02/94 10:33:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01290	10.247	2.6964	2.6153	5.1057	2.5846	.96834

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SDev	.01255	.047	.0007	.0135	.0112	.0064	.00232
%RSD	97.293	.45589	.02734	.51457	.21945	.24915	.23957
#1	.02178	10.214	2.6959	2.6058	5.0978	2.5801	.96669
#2	.00403	10.280	2.6969	2.6248	5.1136	2.5892	.96998

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0887	1.0198	2.5089	2.5470	2.5871	5.2910	9.9662
SDev	.0021	.0027	.0040	.0049	.0082	.0265	.0457
%RSD	.19191	.26306	.15905	.19169	.31619	.50098	.45853
#1	1.0872	1.0179	2.5060	2.5436	2.5813	5.2722	9.9339
#2	1.0901	1.0217	2.5117	2.5505	2.5929	5.3097	9.9985

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	19.481	2.4648	2.9385	5.1101	2.5443	.92219	2.0919
SDev	.670	.0127	.0058	.0100	.0152	.00339	.0530
%RSD	3.4394	.51421	.19630	.19532	.59829	.36717	2.5343
#1	19.954	2.4558	2.9344	5.1031	2.5335	.91980	2.1293
#2	19.007	2.4737	2.9426	5.1172	2.5551	.92459	2.0544

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.6528	1.0086	2.5938	2.6507	26.077	55.739	2.6364
SDev	.0015	.0010	.0014	.0016	.049	.105	.0008
%RSD	.05678	.09952	.05439	.05914	.18877	.18877	.03046
#1	2.6538	1.0093	2.5948	2.6518	26.042	55.665	2.6370
#2	2.6517	1.0079	2.5928	2.6496	26.112	55.814	2.6359

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.9770	1.0579	2.5718	2.5983	.98751	1.0189	2.5828
SDev	.0109	.0034	.0043	.0061	.00121	.0009	.0000
%RSD	.21944	.32233	.16681	.23603	.12239	.08847	.00077
#1	4.9692	1.0603	2.5688	2.5939	.98836	1.0195	2.5828
#2	4.9847	1.0554	2.5748	2.6026	.98666	1.0182	2.5828

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.5972	2.5605	2.6936
SDev	.0021	.0089	.0068
%RSD	.08181	.34905	.25291
#1	2.5987	2.5542	2.6984
#2	2.5957	2.5668	2.6888

Method: DISS Sample Name: CCV 0511J Operator: WGL
Date: 06/02/94 10:35:24
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.6735	.01236	.00093	.01836	-.00977	.00033	S15.880
SDev	.1501	.00120	.00164	.00720	.00009	.00005	.001
%RSD	5.6155	9.7011	177.36	39.227	.90705	14.882	.00803
#1	Q2.7796	.01151	.00209	.02346	-.00984	.00036	S15.879
#2	2.5673	.01321	-.00024	.01327	-.00971	.00029	S15.881

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	104.64	.00012	.00014	.00092	-.00289	-.00325	S1000.0
SDev	.32	.00012	.00000	.00034	.00204	.00354	2.0
%RSD	.30693	93.488	.00000	37.216	70.695	108.82	.06344
#1	104.87	.00004	.00014	.00117	-.00434	-.00575	S1000.0
#2	104.41	.00020	.00014	.00068	-.00145	-.00075	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	104.96	S179.71	106.13	-.00188	.01828	S82.492	52.122
SDev	.68	.00	.30	.00005	.00919	.000	.104
%RSD	.64891	.00108	.28341	2.8731	50.284	.00001	.19907
#1	105.44	S179.71	106.34	-.00192	.02478	S82.492	52.195
#2	104.48	S179.71	105.92	-.00184	.01178	S82.492	52.049

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00008	.00053	.00597	.00276	.03611	.07723	.00014
SDev	.00001	.00155	.00197	.00152	.03351	.07167	.00080
%RSD	17.088	291.79	32.990	55.064	92.797	92.805	565.69
#1	-.00009	-.00057	.00736	.00384	.05981	.12791	.00071
#2	-.00007	.00163	.00458	.00169	.01242	.02655	-.00043

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00122	-.00057	.00046	-.00987	-.00116	.00048	.00466
SDev	.00004	.00103	.00021	.00023	.00236	.00115	.00409
%RSD	3.5497	181.56	47.050	2.3413	203.61	241.36	87.746
#1	-.00126	.00016	.00061	-.01004	-.00283	-.00034	.00755
#2	-.00119	-.00129	.00030	-.00971	.00051	.00129	.00177

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00468	-.00289	.00349
SDev	.00112	.00263	.00097
%RSD	24.029	90.876	27.751
#1	.00547	-.00103	.00417
#2	.00388	-.00475	.00280

Method: DISS Sample Name: CCB 0510B Operator: WGL

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Run Time: 06/02/94 10:40:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00274	.02084	-.00220	.00107	-.00015	.00033	-.01206
SDev	.00108	.00001	.00002	.00265	.00000	.00000	.00004
%RSD	39.475	.02662	.79464	247.48	.00156	.13601	.29593
#1	.00351	.02083	-.00221	-.00080	-.00015	.00033	-.01209
#2	.00198	.02084	-.00218	.00295	-.00015	.00033	-.01204

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00654	-.00007	.00029	.00053	-.00145	-.00548	.07748
SDev	.00002	.00006	.00082	.00007	.00000	.00739	.09516
%RSD	.37725	77.690	282.84	12.856	.02497	134.87	122.81
#1	-.00656	-.00003	-.00029	.00058	-.00145	-.00025	H.14477
#2	-.00652	-.00012	.00087	.00049	-.00145	-.01071	.01019

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-2.3692	-.00619	.04137	-.00019	-.00102	-.00418	.77087
SDev	.6877	.00011	.00247	.00004	.00115	.00188	.05233
%RSD	29.025	1.7616	5.9755	22.964	113.11	44.943	6.7891
#1	-1.8829	-.00626	.04312	-.00022	-.00020	-.00285	.80787
#2	-2.8554	-.00611	.03962	-.00016	-.00183	-.00551	.73386

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00097	-.00106	.00344	.00167	-.01353	-.02895	.00057
SDev	.00020	.00171	.00113	.00550	.00266	.00568	.00080
%RSD	20.727	161.37	32.867	329.88	19.635	19.623	141.42
#1	-.00083	L-.00227	.00424	-.00222	-.01165	-.02494	.00114
#2	-.00111	.00015	.00264	H.00556	-.01541	-.03297	.00000

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00010	-.00044	.00015	-.00087	-.00153	-.00112	.00467
SDev	.00000	.00192	.00021	.00049	.00087	.00300	.00076
%RSD	.00069	437.73	140.01	55.505	57.026	266.73	16.340
#1	-.00010	-.00180	.00000	-.00122	-.00091	-.00324	.00521
#2	-.00010	.00092	.00030	-.00053	-.00215	.00100	.00413

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00072	-.00692	.00386
SDev	.00131	.00093	.00871
%RSD	181.40	13.381	225.81
#1	.00165	-.00627	-.00230
#2	-.00020	-.00758	.01002

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Method: DISS Sample Name: 941293D-001 Operator: WGL
Run Time: 06/02/94 10:42:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00038	.02196	.00727	.83821	.73195	.00030	S-.01562
SDev	.00072	.00549	.00059	.00066	.00181	.00005	.00001
%RSD	191.33	24.990	8.0940	.07915	.24721	16.255	.05835
#1	.00089	.01808	.00685	.83868	.73323	.00033	S-.01563
#2	-.00013	.02584	.00769	.83774	.73067	.00026	S-.01561

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	232.96	.00009	.00340	.00073	L-.00653	H12.735	31.409
SDev	.20	.00010	.00010	.00007	.00000	.024	.553
%RSD	.08628	118.11	3.0090	9.4281	.01889	.18483	1.7619
#1	233.10	.00001	.00347	.00068	L-.00653	H12.752	31.800
#2	232.82	.00016	.00333	.00078	L-.00653	H12.719	31.017

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L7.8957	S180.28	38.911	.38249	.00558	S82.491	84.293
SDev	.0684	.00	.020	.00035	.00129	.000	.367
%RSD	.86598	.00028	.05083	.09078	23.141	.00001	.43506
#1	L7.9440	S180.28	38.925	.38273	.00650	S82.491	84.552
#2	L7.8473	S180.28	38.897	.38224	.00467	S82.491	84.033

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01260	.00141	.00160	.00198	9.1849	19.645	.09170
SDev	.00116	.00003	.00226	.00278	.0096	.020	.00381
%RSD	9.2123	1.9367	140.93	140.46	.10414	.10413	4.1594
#1	.01342	.00143	.00320	.00394	9.1917	19.659	.08900
#2	.01178	.00140	.00001	.00001	9.1782	19.630	.09440

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.6177	.00834	.00048	-.00208	.00248	.00058	.00295
SDev	.0034	.00205	.00000	.00015	.00046	.00019	.00113
%RSD	.21184	24.577	.37915	7.1349	18.482	32.377	38.453
#1	1.6201	.00979	.00048	-.00219	.00281	.00045	.00375
#2	1.6153	.00689	.00048	-.00198	.00216	.00071	.00215

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00117	-.00528	.00365
SDev	.00282	.00326	.00558
%RSD	240.41	61.713	152.78

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#1	.00082	-.00758	.00760
#2	-.00316	-.00298	-.00029

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008465

Method: DISS Sample Name: 941293T-001 5 Operator: WGL
Run Time: 06/02/94 10:46:57
Comment: 5X SERIAL DILUTION OF 1X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00039	.02069	.00141	.18055	.15354	.00035	S16.046
SDev	.00029	.00655	.00155	.00057	.00027	.00003	.001
%RSD	76.150	31.640	109.89	.31496	.17707	7.4892	.00463
#1	.00018	.02532	.00251	.18015	.15334	.00036	S16.045
#2	.00059	.01606	.00032	.18095	.15373	.00033	S16.046

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	48.507	-.00025	.00101	.00083	-.00419	2.7188	6.1569
SDev	.249	.00014	.00061	.00007	.00000	.0013	.0537
%RSD	.51263	56.682	60.609	8.3189	.00271	.04783	.87143
#1	48.331	-.00015	.00058	.00088	-.00419	2.7179	6.1190
#2	48.682	-.00035	.00145	.00078	-.00419	2.7198	6.1949

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L6.8387	H7.6553	8.7672	.08073	.00061	S82.493	18.681
SDev	.4483	.0300	.0461	.00030	.00201	.000	.018
%RSD	6.5548	.39138	.52636	.37273	330.10	.00000	.09854
#1	L6.5217	H7.6341	8.7346	.08051	.00203	S82.493	18.694
#2	L7.1556	H7.6765	8.7998	.08094	-.00081	S82.493	18.668

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00206	-.00105	-.00283	.00321	1.9595	4.1911	.00263
SDev	.00008	.00013	.00208	.00771	.0069	.0148	.00130
%RSD	4.0656	12.722	73.426	240.27	.35280	.35285	49.689
#1	.00200	-.00114	-.00136	.00867	1.9546	4.1806	.00355
#2	.00212	-.00095	-.00429	-.00224	1.9644	4.2015	.00170

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.34276	.00023	-.00007	-.00039	-.00171	-.00132	-.00736
SDev	.00150	.00044	.00043	.00041	.00273	.00159	.00110
%RSD	.43802	190.51	619.62	104.85	159.69	120.23	14.957
#1	.34170	-.00008	.00023	-.00068	-.00364	-.00020	-.00658
#2	.34382	.00055	-.00037	-.00010	.00022	-.00244	-.00813

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00266	.00716	-.00086

SDev	.00256	.01028	.00643
%RSD	96.184	143.52	746.78
#1	-.00085	.01443	.00369
#2	-.00448	-.00011	-.00541

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008466

Method: DISS Sample Name: 941293D-003 Operator: WGL
Run Time: 06/02/94 10:51:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00028	.05434	.00154	.07561	.01682	.00032	S24.209
SDev	.00004	.00218	.00020	.00000	.00035	.00003	11.428
%RSD	14.886	4.0116	12.744	.00004	2.1019	7.9047	47.205
#1	-.00031	.05588	.00168	.07561	.01707	.00033	S32.289
#2	-.00025	.05279	.00140	.07561	.01657	.00030	S16.128

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	23.123	-.00015	.00029	.00024	-.00289	.00633	4.6412
SDev	.004	.00032	.00000	.00007	.00204	.00698	.0400
%RSD	.01792	215.09	.00000	28.284	70.709	110.21	.86284
#1	23.126	.00008	.00029	.00029	-.00145	.00140	4.6129
#2	23.120	-.00037	.00029	.00019	-.00434	.01126	4.6695

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.3487	1.7475	L2.0738	.00084	.00132	H8.6467	9.4300
SDev	.1715	.0035	.0058	.00013	.00014	.0130	.1750
%RSD	3.9435	.19751	.27816	15.454	10.886	.15061	1.8561
#1	L4.2274	1.7451	L2.0779	.00075	.00122	H8.6375	9.5538
#2	L4.4700	1.7500	L2.0697	.00094	.00142	H8.6559	9.3063

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00039	-.00037	.00064	.00221	2.3184	4.9590	.00447
SDev	.00057	.00032	.00104	.00319	.0040	.0085	.00271
%RSD	145.20	87.662	164.20	144.46	.17193	.17193	60.609
#1	.00001	-.00059	-.00010	-.00005	2.3156	4.9530	.00639
#2	-.00080	-.00014	.00137	.00447	2.3212	4.9650	.00256

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19240	-.00156	.00045	-.00053	-.00241	-.00025	.00167
SDev	.00007	.00027	.00021	.00001	.00095	.00096	.00182
%RSD	.03610	17.072	46.928	1.1044	39.578	389.77	109.31
#1	.19236	-.00137	.00061	-.00053	-.00174	-.00092	.00038
#2	.19245	-.00175	.00030	-.00053	-.00308	.00043	.00296

008466

8466

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00198	-.00106	.00175
SDev	.00065	.00482	.00238
%RSD	33.111	453.56	136.25
#1	-.00244	-.00448	.00006
#2	-.00152	.00235	.00343

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008467

Method: DISS Sample Name: 941293D-003 MD Operator: WGL
Run Time: 06/02/94 10:54:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00054	.05356	.00249	.07668	.01702	.00032	S24.208
SDev	.00026	.00328	.00121	.00095	.00006	.00007	11.427
%RSD	48.432	6.1173	48.810	1.2362	.35327	23.044	47.205
#1	-.00073	.05588	.00163	.07601	.01698	.00037	S32.288
#2	-.00036	.05125	.00334	.07735	.01706	.00026	S16.128

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	23.189	-.00011	-.00007	.00029	.00145	.00665	4.6669
SDev	.012	.00017	.00051	.00014	.00000	.00654	.0018
%RSD	.05362	153.28	707.11	47.140	.02261	98.352	.03957
#1	23.198	-.00023	.00029	.00039	.00145	.00202	4.6682
#2	23.180	.00001	-.00043	.00019	.00145	.01127	4.6656

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.1179	1.7543	L2.0814	.00075	.00051	H8.6747	9.4639
SDev	.0857	.0056	.0016	.00000	.00014	.0191	.0131
%RSD	2.0814	.31732	.07918	.09451	28.312	.21965	.13850
#1	L4.0573	1.7583	L2.0825	.00075	.00061	H8.6882	9.4732
#2	L4.1785	1.7504	L2.0802	.00075	.00041	H8.6612	9.4547

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00010	-.00115	.00064	.00219	2.3240	4.9711	.00192
SDev	.00068	.00109	.00221	.00367	.0072	.0154	.00010
%RSD	676.19	95.094	343.27	167.66	.30911	.30908	5.2378
#1	.00038	-.00038	-.00092	.00478	2.3291	4.9819	.00185
#2	-.00058	-.00192	.00221	-.00041	2.3189	4.9602	.00199

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19278	-.00071	.00045	-.00078	-.00263	-.00129	.00245
SDev	.00009	.00383	.00021	.00034	.00094	.00210	.00115
%RSD	.04479	538.98	47.044	43.701	35.508	162.81	46.967

008467

8467

#1	.19284	-.00200	.00030	-.00054	-.00332	.00020	.00164
#2	.19272	.00342	.00061	-.00103	-.00199	-.00278	.00326

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00236	.00366	-.00050
SDev	.00274	.00244	.00449
%RSD	116.50	66.614	906.36
#1	-.00430	.00538	.00268
#2	-.00042	.00193	-.00367

008468

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ORIGINAL

Method: DISS Sample Name: 941293D-003 PDSPIKE Operator: WGL
Run Time: 06/02/94 10:55:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10382	2.0671	2.1449	1.1254	2.0757	.05488	S24.213
SDev	.00003	.0098	.0209	.0059	.0126	.00037	11.431
%RSD	.03036	.47236	.97507	.52215	.60771	.67692	47.208
#1	.10384	2.0740	2.1597	1.1295	2.0846	.05515	S32.296
#2	.10379	2.0602	2.1301	1.1212	2.0668	.05462	S16.131

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	22.181	.04633	.49614	.19931	.26033	1.0815	4.5815
SDev	.060	.00018	.00307	.00172	.00204	.0078	.0474
%RSD	.27098	.38541	.61864	.86253	.78492	.72207	1.0357
#1	22.223	.04646	.49831	.20052	.25888	1.0871	4.6150
#2	22.138	.04621	.49397	.19809	.26177	1.0760	4.5479

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.4726	1.6859	L2.0056	.50629	.50874	H8.5710	9.1715
SDev	.3788	.0004	.0049	.00307	.00029	.0082	.0346
%RSD	8.4696	.02354	.24652	.60590	.05648	.09610	.37709
#1	L4.2047	1.6857	L2.0091	.50846	.50854	H8.5652	9.1960
#2	L4.7405	1.6862	L2.0021	.50412	.50894	H8.5768	9.1471

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52000	.49660	1.0125	2.2078	7.4531	15.939	1.0218
SDev	.00331	.00125	.0068	.0113	.0200	.043	.0059
%RSD	.63644	.25135	.67437	.51039	.26775	.26763	.57956
#1	.52234	.49749	1.0174	2.2158	7.4673	15.969	1.0260
#2	.51766	.49572	1.0077	2.1998	7.4390	15.909	1.0176

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.2258	1.9938	.50997	.52779	.48367	.50246	1.0034

SDev	.0064	.0106	.00257	.00371	.00442	.00009	.0063
%RSD	.52594	.53269	.50399	.70387	.91391	.01763	.62528
#1	1.2304	2.0013	.51179	.53042	.48680	.50253	1.0078
#2	1.2213	1.9863	.50816	.52516	.48054	.50240	.99896

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	1.0150	2.1520	2.2335
SDev	.0071	.0102	.0118
%RSD	.69999	.47316	.52878
#1	1.0200	2.1592	2.2419
#2	1.0100	2.1448	2.2252

008469

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POOR QUALITY
ORIGINAL

Method: DISS Sample Name: 941293D-005 Operator: WGL
Run Time: 06/02/94 11:26:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00047	.05273	.00251	.06931	.01692	.00032	S24.207
SDev	.00037	.00435	.00093	.00057	.00012	.00002	11.428
%RSD	78.567	8.2534	36.933	.82061	.70483	7.4054	47.209
#1	-.00073	.04965	.00317	.06890	.01701	.00033	S32.288
#2	-.00021	.05581	.00186	.06971	.01684	.00030	S16.126

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	23.760	-.00005	-.00051	.00088	-.00145	.00530	4.7511
SDev	.015	.00003	.00010	.00000	.00000	.01526	.1708
%RSD	.06105	52.312	20.203	.00000	.05059	287.82	3.5958
#1	23.750	-.00007	-.00043	.00088	-.00145	-.00549	4.8719
#2	23.771	-.00003	-.00058	.00088	-.00144	.01609	4.6303

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L7.1216	1.7827	L2.1233	.00078	.00264	H8.8301	9.8728
SDev	.0006	.0035	.0000	.00005	.00057	.0464	.0876
%RSD	.00812	.19705	.00000	5.7229	21.760	.52550	.88710
#1	L7.1220	1.7852	L2.1233	.00075	.00223	H8.8630	9.9347
#2	L7.1212	1.7803	L2.1233	.00081	.00305	H8.7973	9.8109

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00011	-.00041	.00205	.00108	2.4306	5.1991	.00291
SDev	.00015	.00069	.00456	.00147	.0032	.0068	.00151
%RSD	140.52	170.24	222.14	135.85	.13153	.13157	51.740
#1	.00000	.00008	.00528	.00004	2.4329	5.2040	.00397
#2	.00021	-.00090	-.00117	.00212	2.4284	5.1943	.00185

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19311	.00159	.00046	-.00088	-.00253	-.00025	.00036
SDev	.00023	.00054	.00021	.00035	.00103	.00053	.00246
%RSD	.11691	34.047	47.139	39.481	40.522	215.12	679.40
#1	.19327	.00121	.00030	-.00064	-.00181	.00013	.00210
#2	.19295	.00198	.00061	-.00113	-.00326	-.00062	-.00138

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00080	.00628	-.00361
SDev	.00562	.00390	.00415
%RSD	701.11	62.095	114.79
#1	.00477	.00903	-.00654
#2	-.00317	.00352	-.00068

008470

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ORIGINAL

Method: DISS Sample Name: 941293D-007 Operator: WGL
Run Time: 06/02/94 11:31:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00007	.05881	.00156	.06716	.01748	.00033	S24.201
SDev	.00033	.00218	.00023	.00057	.00012	.00000	11.425
%RSD	487.12	3.7052	14.843	.84685	.70002	.06930	47.208
#1	-.00016	.06035	.00173	.06676	.01756	.00033	S32.280
#2	.00030	.05727	.00140	.06756	.01739	.00033	S16.123

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	24.980	.00003	.00007	.00058	.00145	.00900	4.7145
SDev	.048	.00010	.00010	.00000	.00000	.00477	.0038
%RSD	.19095	351.53	141.42	.00000	.01698	52.961	.07959
#1	24.946	.00010	-.00000	.00058	.00145	.01237	4.7171
#2	25.013	-.00004	.00014	.00058	.00145	.00563	4.7118

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L6.0269	1.8332	L2.1717	.00115	.00061	H8.8834	9.8289
SDev	.9282	.0055	.0041	.00004	.00086	.0165	.1443
%RSD	15.401	.30114	.18972	3.8213	141.58	.18601	1.4677
#1	L6.6832	1.8293	L2.1688	.00118	.00122	H8.8717	9.9309
#2	L5.3705	1.8371	L2.1746	.00112	-.00000	H8.8951	9.7269

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00002	-.00056	.00192	-.00164	2.6151	5.5937	.00192
SDev	.00001	.00039	.00090	.00633	.0040	.0085	.00151
%RSD	66.042	70.101	46.706	385.47	.15261	.15262	78.567

008470

8470

#1	.00003	-.00028	.00255	L-.00612	2.6123	5.5877	.00298
#2	.00001	-.00083	.00129	.00284	2.6179	5.5997	.00085

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19555	.00238	.00061	-.00055	-.00167	-.00060	.00452
SDev	.00022	.00013	.00000	.00028	.00026	.00003	.00007
%RSD	.11457	5.5055	.06678	50.157	15.688	4.8813	1.5712
#1	.19539	.00229	.00061	-.00035	-.00148	-.00058	.00447
#2	.19571	.00248	.00061	-.00074	-.00185	-.00062	.00457

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00148	.00159	-.00536
SDev	.00138	.00049	.00925
%RSD	93.267	30.617	172.75
#1	-.00050	.00125	-.01190
#2	-.00246	.00193	.00119

008471

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Method: DISS Sample Name: 941288D-001 Operator: WGL
Run Time: 06/02/94 11:37:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00019	.04813	.04723	.04140	.02891	.00030	S16.054
SDev	.00002	.00113	.00169	.00047	.00002	.00005	.000
%RSD	10.879	2.3504	3.5894	1.1441	.06258	17.255	.00308
#1	.00021	.04893	.04603	.04107	.02893	.00026	S16.055
#2	.00018	.04733	.04843	.04174	.02890	.00033	S16.054

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	46.523	-.00008	.00029	.00092	-.00428	.01446	8.4368
SDev	.196	.00014	.00061	.00062	.00000	.01095	.0290
%RSD	.42090	174.15	212.13	66.989	.00838	75.676	.34376
#1	46.385	.00002	-.00014	.00049	-.00428	.02220	8.4163
#2	46.662	-.00018	.00072	.00136	-.00428	.00672	8.4573

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.6884	H7.9273	9.0737	.35162	.02996	H9.2722	9.8976
SDev	.4827	.0344	.0346	.00116	.00014	.0468	.0358
%RSD	4.9821	.43423	.38144	.33104	.47936	.50429	.36129
#1	L9.3471	H7.9030	9.0492	.35080	.03006	H9.2391	9.9228
#2	L10.030	H7.9517	9.0982	.35245	.02985	H9.3052	9.8723

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00072	-.00040	.00075	.00098	4.7342	10.126	.00752

SDev	.00011	.00105	.00034	.00037	.0250	.053	.00080
%RSD	15.319	262.96	44.820	38.064	.52821	.52813	10.673
#1	.00080	.00034	.00098	.00124	4.7165	10.089	.00809
#2	.00064	-.00114	.00051	.00071	4.7518	10.164	.00696

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15170	-.00086	-.00030	-.00085	-.00046	-.00127	.00112
SDev	.00058	.00045	.00128	.00034	.00180	.00067	.00178
%RSD	.38499	51.677	429.71	40.446	392.04	52.889	158.83
#1	.15129	-.00055	-.00121	-.00109	.00081	-.00079	.00238
#2	.15212	-.00118	.00061	-.00061	-.00173	-.00174	-.00014

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00154	.00558	-.00342
SDev	.00039	.00136	.00124
%RSD	25.074	24.397	36.166
#1	-.00181	.00462	-.00255
#2	-.00126	.00655	-.00430

008472

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Method: DISS Sample Name: 941288D-001 Operator: WGL
Run Time: 06/02/94 11:40:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00011	.05043	.04603	.04006	.02912	.00030	S16.054
SDev	.00079	.00218	.00086	.00047	.00027	.00000	.000
%RSD	707.11	4.3265	1.8594	1.1843	.94134	.07452	.00162
#1	-.00067	.05198	.04663	.03972	.02931	.00030	S16.054
#2	.00045	.04889	.04542	.04040	.02892	.00030	S16.054

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	46.601	-.00010	.00000	.00029	-.00428	.00520	8.3215
SDev	.225	.00010	.00041	.00041	.00000	.00564	.1616
%RSD	.48256	101.37	.00000	141.42	.00076	108.38	1.9421
#1	46.760	-.00017	.00029	-.00000	-.00428	.00121	8.4358
#2	46.442	-.00003	-.00029	.00058	-.00428	.00918	8.2073

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L10.128	H7.9505	9.1104	.35211	.03046	H9.2859	10.176
SDev	1.064	.0461	.0569	.00194	.00201	.0325	.009
%RSD	10.508	.57926	.62412	.55135	6.5999	.35032	.09021
#1	L9.3752	H7.9831	9.1506	.35348	.02904	H9.3089	10.169
#2	L10.880	H7.9179	9.0702	.35074	.03189	H9.2629	10.182

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00020	-.00047	-.00118	.00556	4.7349	10.128	.00703
SDev	.00040	.00029	.00004	.00152	.0255	.055	.00151
%RSD	200.14	60.709	3.1274	27.348	.53916	.53921	21.427
#1	.00008	-.00067	-.00116	.00448	4.7530	10.167	.00596
#2	-.00049	-.00027	-.00121	.00663	4.7169	10.089	.00809

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15186	-.00172	-.00045	-.00139	-.00175	-.00073	-.00064
SDev	.00081	.00049	.00022	.00014	.00103	.00008	.00326
%RSD	.53246	28.647	47.614	10.428	58.646	11.390	511.92
#1	.15243	-.00207	-.00060	-.00149	-.00248	-.00067	-.00294
#2	.15129	-.00137	-.00030	-.00128	-.00102	-.00079	.00167

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00356	.01061	.00094
SDev	.00168	.00809	.00176
%RSD	47.295	76.243	187.59
#1	-.00237	.00489	.00218
#2	-.00475	.01633	-.00031

Method: DISS Sample Name: 941288D-001 PDSPIKE Operator: WGL
Run Time: 06/02/94 11:41:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.92341	1.0047	1.0779	1.0230	1.0021	1.0035	S15.911
SDev	.00156	.0118	.0064	.0094	.0031	.0044	.000
%RSD	.16953	1.1789	.59475	.91726	.30977	.44202	.00196
#1	.92230	.99631	1.0733	1.0163	.99992	1.0003	S15.911
#2	.92452	1.0131	1.0824	1.0296	1.0043	1.0066	S15.911

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	94.395	.94592	.91734	.94017	.93694	.94426	H67.498
SDev	.229	.00407	.00286	.00303	.00613	.00312	1.181
%RSD	.24258	.42969	.31229	.32181	.65460	.33023	1.7499
#1	94.233	.94304	.91531	.93803	.93260	.94646	H66.663
#2	94.557	.94879	.91936	.94231	.94128	.94205	H68.334

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	60.248	8180.08	62.177	1.2651	2.97324	882.484	60.765
SDev	.097	.00	.187	.0033	.01235	.000	.340
%RSD	.16082	.00247	.30084	.26239	1.2690	.00004	.55976

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#1	60.317	S180.09	62.045	1.2627	.96451	S82.484	60.525
#2	60.180	S180.08	62.310	1.2674	.98197	S82.484	61.006

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.94890	.93435	.98635	1.0624	9.6602	20.648	.99869
SDev	.00476	.00628	.00217	.0055	.0479	.102	.00713
%RSD	.50126	.67249	.21992	.52227	.49578	.49591	.71358
#1	.94553	.92991	.98481	1.0585	9.6263	20.576	.99365
#2	.95226	.93879	.98788	1.0663	9.6940	20.721	1.0037

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1192	.93623	.98077	1.0055	.90986	.94627	.97929
SDev	.0031	.00388	.00215	.0041	.00371	.00757	.00232
%RSD	.27977	.41501	.21873	.40700	.40765	.79984	.23736
#1	1.1170	.93348	.97925	1.0026	.90724	.94092	.97765
#2	1.1214	.93897	.98228	1.0084	.91248	.95163	.98093

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.98792	1.0265	1.0782
SDev	.00230	.0064	.0051
%RSD	.23319	.62616	.47392
#1	.98629	1.0220	1.0746
#2	.98955	1.0311	1.0819

008474

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Method: DISS Sample Name: CCV 0511G Operator: WGL
Run Time: 06/02/94 11:43:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00229	10.538	2.4590	2.6890	5.1808	2.6671	.98018
SDev	.00099	.009	.0035	.0008	.0025	.0007	.00069
%RSD	43.161	.08200	.14147	.02819	.04838	.02522	.07060
#1	.00299	10.532	2.4615	2.6895	5.1825	2.6676	.98067
#2	.00159	10.544	2.4566	2.6885	5.1790	2.6666	.97969

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1225	1.0503	2.5559	2.6089	2.6478	5.4249	10.444
SDev	.0000	.0011	.0001	.0009	.0041	.0005	.081
%RSD	.00247	.10522	.00400	.03427	.15441	.00985	.78026
#1	1.1225	1.0511	2.5560	2.6082	2.6449	5.4252	10.387
#2	1.1225	1.0495	2.5558	2.6095	2.6507	5.4245	10.502

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	12.836	2.5500	3.0451	5.2073	2.6211	.96295	2.5664

SDev	.688	.0018	.0033	.0003	.0014	.00014	.1091
%RSD	5.3593	.06993	.10824	.00498	.05479	.01422	4.2525
#1	12.349	2.5488	3.0428	5.2075	2.6201	.96285	2.4892
#2	13.322	2.5513	3.0475	5.2071	2.6221	.96305	2.6436

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.7427	1.0255	2.6473	2.4663	26.940	57.584	2.6973
SDev	.0014	.0022	.0045	.0032	.005	.010	.0069
%RSD	.05011	.21938	.16926	.13094	.01780	.01779	.25677
#1	2.7437	1.0271	2.6441	2.4686	26.937	57.577	2.7022
#2	2.7417	1.0239	2.6505	2.4640	26.944	57.591	2.6924

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.0686	1.0155	2.6345	2.6622	.99741	1.0386	2.6293
SDev	.0003	.0064	.0039	.0008	.00017	.0033	.0030
%RSD	.00684	.62886	.14613	.03116	.01704	.31658	.11373
#1	5.0684	1.0110	2.6318	2.6628	.99753	1.0409	2.6271
#2	5.0689	1.0200	2.6373	2.6616	.99729	1.0363	2.6314

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.6542	2.4606	2.4671
SDev	.0052	.0008	.0042
%RSD	.19686	.03145	.17200
#1	2.6505	2.4612	2.4701
#2	2.6579	2.4601	2.4641

008475

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Method: DISS Sample Name: CCV 0511J Operator: WGL
Run Time: 06/02/94 11:48:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.6100	.02459	-.00007	.00228	-.00977	.00036	S15.874
SDev	.0380	.00545	.00275	.00038	.00003	.00000	.002
%RSD	1.4555	22.169	4089.8	16.634	.32732	.03452	.01118
#1	2.5831	.02844	-.00201	.00201	-.00979	.00036	S15.873
#2	2.6368	.02074	.00188	.00255	-.00975	.00036	S15.876

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	106.62	.00019	-.00007	.00097	-.00578	-.00757	S1000.0
SDev	.03	.00010	.00051	.00014	.00204	.01134	1.2
%RSD	.02525	53.584	707.11	14.142	35.353	149.92	.03756
#1	106.64	.00012	-.00043	.00088	-.00723	-.01559	S1000.0
#2	106.60	.00027	.00029	.00107	-.00434	.00045	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	104.27	S179.68	108.68	-.00194	.00061	S82.492	53.827
SDev	.18	.00	.00	.00000	.00115	.000	.092
%RSD	.17681	.00146	.00000	.05843	188.64	.00000	.17048
#1	104.40	S179.69	108.68	-.00194	.00142	S82.492	53.892
#2	104.14	S179.68	108.68	-.00194	-.00020	S82.492	53.762

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00026	.00073	.00176	-.00140	.01242	.02656	-.00050
SDev	.00000	.00028	.00150	.00082	.00160	.00342	.00090
%RSD	.21882	38.933	84.999	58.472	12.870	12.891	181.83
#1	.00026	.00093	.00282	-.00082	.01355	.02898	-.00114
#2	.00026	.00053	.00070	-.00198	.01129	.02413	.00014

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00130	.00788	.00015	-.01030	.00182	-.00041	.00424
SDev	.00014	.00205	.00021	.00007	.00173	.00172	.00238
%RSD	10.698	25.964	140.51	.72172	95.349	418.44	56.278
#1	-.00140	.00933	.00000	-.01025	.00059	.00080	.00592
#2	-.00120	.00644	.00031	-.01036	.00304	-.00162	.00255

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00157	-.00296	-.00272
SDev	.00106	.00656	.00205
%RSD	67.227	221.59	75.147
#1	-.00082	.00168	-.00417
#2	-.00232	-.00760	-.00128

Method: DISS Sample Name: CCB 0510B Operator: WGL
Run Time: 06/02/94 11:57:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00158	.02008	.00027	-.00007	-.00015	.00034	-.01106
SDev	.00016	.00110	.00046	.00009	.00000	.00003	.00099
%RSD	9.9593	5.4513	170.95	141.50	.06532	7.2237	8.9214
#1	.00147	.02085	.00059	.00000	-.00015	.00036	-.01036
#2	.00169	.01931	-.00006	-.00013	-.00015	.00033	-.01176

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00145	.00003	-.00036	.00029	-.00434	-.00337	.04117
SDev	.00103	.00020	.00010	.00014	.00409	.00873	.04504
%RSD	71.033	619.42	28.284	47.140	94.287	259.19	109.40

008476

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#1	-.00072	.00018	-.00043	.00039	L-.00723	-.00954	.07303
#2	-.00218	-.00011	-.00029	.00019	-.00145	.00280	.00932

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.39980	-.00538	.06876	-.00009	-.00081	.00515	-.12877
SDev	.16766	.00088	.00165	.00009	.00086	.00219	.01334
%RSD	41.935	16.379	2.3970	92.527	106.04	42.526	10.363
#1	-.28125	-.00476	.06992	-.00016	-.00142	.00670	-.13821
#2	-.51836	-.00600	.06759	-.00003	-.00020	.00360	-.11934

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00056	-.00099	-.00166	-.00212	-.01222	-.02614	-.00099
SDev	.00007	.00071	.00069	.00234	.00187	.00399	.00141
%RSD	12.779	71.941	41.197	110.44	15.270	15.264	141.42
#1	-.00061	-.00149	-.00215	-.00378	-.01090	-.02332	.00000
#2	-.00051	-.00048	-.00118	-.00046	-.01354	-.02896	-.00199

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00010	.00961	-.00076	-.00083	-.00261	-.00107	-.00123
SDev	.00000	.00103	.00021	.00027	.00033	.00123	.00335
%RSD	.02881	10.688	28.252	32.388	12.674	114.65	271.66
#1	-.00010	.00889	-.00060	-.00101	-.00238	-.00194	-.00360
#2	-.00010	H.01034	-.00091	-.00064	-.00285	-.00020	.00114

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00398	-.00390	-.00333
SDev	.00064	.00761	.00731
%RSD	16.191	195.26	219.25
#1	-.00352	.00148	-.00850
#2	-.00443	-.00928	.00184

Method: DISS Sample Name: ISA 0531M Operator: WGL
Run Time: 06/02/94 11:59:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00062	434.51	-.00198	-.00121	-.01996	.04657	S-.07995
SDev	.00015	.51	.00071	.00076	.00008	.00006	.00001
%RSD	23.570	.11849	36.102	62.805	.41050	.11926	.01189
#1	.00073	434.87	-.00147	-.00067	-.01990	.04661	S-.07996
#2	.00052	434.15	-.00248	-.00174	-.02002	.04653	S-.07995

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	491.32	.05720	-.00036	.01162	-.00095	183.33	-5.6800

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SDev	.71	.00015	.00051	.00048	.00407	.37	.0683
%RSD	.14425	.25709	141.42	4.1420	427.80	.20355	1.2023
#1	491.82	.05710	-.00072	.01196	-.00383	183.60	-5.7283
#2	490.82	.05731	-.00000	.01128	.00193	183.07	-5.6318

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	7.1094	S176.87	500.34	.00327	-.00460	S82.435	572.40
SDev	.8980	.02	1.07	.00030	.00114	.000	1.43
%RSD	12.631	.01131	.21362	9.2580	24.816	.00009	.24929
#1	6.4744	S176.88	501.09	.00348	-.00380	S82.435	571.39
#2	7.7443	S176.86	499.58	.00305	-.00541	S82.435	573.41

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05319	.06073	-.00049	.02480	-.00117	-.02626	-.00561
SDev	.00010	.00115	.00386	.00388	.00040	.00080	.00191
%RSD	.17792	1.8935	794.38	15.660	33.890	3.0281	34.013
#1	.05312	.05992	.00225	.02755	-.00089	-.02570	-.00426
#2	.05325	.06155	-.00322	.02205	-.00145	-.02682	-.00696

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00017	.11758	.00775	-.03280	-.01181	.09665	.00995
SDev	.00002	.00661	.00046	.00027	.00524	.00434	.01528
%RSD	11.124	5.6246	5.9384	.81530	44.404	4.4925	153.49
#1	-.00019	.12225	.00808	-.03261	-.00810	.09358	-.00085
#2	-.00016	.11290	.00743	-.03299	-.01552	.09972	.02076

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00750	.04330	.01347
SDev	.01342	.00751	.00208
%RSD	179.00	17.335	15.412
#1	.00199	.04861	.01493
#2	-.01699	.03799	.01200

Method: DISS Sample Name: ISB 0111K Operator: WGL
Run Time: 06/02/94 12:03:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1935	419.76	.89063	.96259	.44965	.53139	S-.07793
SDev	.0334	.50	.00054	.00256	.00003	.00007	.00011
%RSD	2.8000	.11905	.06059	.26588	.00671	.01310	.14652
#1	Q1.2172	419.41	.89025	.96440	.44963	.53144	S-.07785
#2	1.1699	420.11	.89101	.96078	.44967	.53134	S-.07801

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	471.25	.95890	.43516	.46211	.47146	176.55	10.403
SDev	.31	.00085	.00031	.00014	.00204	.07	1.186
%RSD	.06616	.08876	.07054	.02976	.43280	.04241	11.400
#1	471.03	.95830	.43494	.46221	.47291	176.50	9.5645
#2	471.47	.95950	.43537	.46202	.47002	176.60	11.242

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	18.880	S177.02	481.06	.45939	.97278	S82.433	549.54
SDev	1.061	.01	.34	.00008	.00159	.000	1.17
%RSD	5.6175	.00720	.07160	.01781	.16301	.00007	.21331
#1	18.130	S177.01	480.81	.45933	.97391	S82.433	548.71
#2	19.630	S177.03	481.30	.45945	.97166	S82.433	550.37

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.95662	.95869	.96340	.91338	.46452	.96379	.95306
SDev	.00145	.00096	.00212	.00261	.00216	.00462	.00622
%RSD	.15179	.09964	.22031	.28612	.46421	.47934	.65297
#1	.95765	.95802	.96190	.91522	.46604	.96706	.95746
#2	.95559	.95937	.96490	.91153	.46299	.96052	.94866

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.96058	1.0314	.47873	.96151	.86911	1.0028	.97745
SDev	.00008	.0039	.00042	.00086	.00073	.0022	.00403
%RSD	.00813	.37878	.08805	.08993	.08450	.22167	.41254
#1	.96052	1.0286	.47903	.96090	.86963	1.0012	.97460
#2	.96063	1.0342	.47843	.96213	.86859	1.0044	.98030

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.95444	.93655	.89970
SDev	.00096	.00414	.00185
%RSD	.10027	.44194	.20581
#1	.95376	.93948	.90101
#2	.95512	.93363	.89839

Method: DISS Sample Name: CRI 0112C Operator: WGL
Run Time: 06/02/94 12:05:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca396B
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03768	.14310	.01185	.21971	.21964	.01138	S32.362
SDev	.00048	.00110	.00389	.00076	.00047	.00002	.000
%RSD	1.2826	.76770	32.847	.34516	.21470	.21483	.00064

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#1	.03802	.14387	.01460	.22024	.21931	.01140	S32.362
#2	.03734	.14232	.00910	.21917	.21998	.01137	S32.362

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	11.353	.01315	.10490	.02207	.03904	.08431	11.360
SDev	.002	.00012	.00020	.00014	.00000	.00522	.046
%RSD	.01842	.92371	.19507	.62300	.00061	6.1907	.40485
#1	11.352	.01323	.10476	.02217	.03904	.08801	11.392
#2	11.355	.01306	.10505	.02198	.03904	.08062	11.327

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L10.865	H10.503	12.064	.02152	.02335	H9.8682	9.8156
SDev	.485	.007	.007	.00013	.00115	.0077	.0888
%RSD	4.4670	.06842	.05463	.60091	4.9194	.07833	.90498
#1	L11.208	H10.508	12.069	.02143	.02254	H9.8627	9.8784
#2	L10.522	H10.498	12.059	.02161	.02417	H9.8737	9.7528

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09135	.00613	.00729	.00653	.10169	.21716	.11221
SDev	.00035	.00106	.00142	.00075	.00213	.00455	.00211
%RSD	.38335	17.268	19.510	11.406	2.0913	2.0934	1.8785
#1	.09110	.00538	.00830	.00600	.10319	.22038	.11072
#2	.09160	.00688	.00629	.00706	.10018	.21395	.11370

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02180	.01793	.02123	.11318	.00584	.00597	.00838
SDev	.00000	.00424	.00000	.00007	.00073	.00122	.00051
%RSD	.00026	23.623	.00380	.06121	12.587	20.421	6.0313
#1	.02180	.02093	.02123	.11323	.00532	.00511	.00874
#2	.02180	.01494	.02123	.11314	.00636	.00683	.00802

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00495	.00707	.00431
SDev	.00188	.00574	.00377
%RSD	38.004	81.209	87.480
#1	.00628	.01113	.00164
#2	.00362	.00301	.00698

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Method: DISS Sample Name: 941271D-001 Operator: WGL
Run Time: 06/02/94 12:45:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00662	1.7865	.00072	k-.04933	L-.01378	k.00105	S-.01401

SDev	.00005	.0085	.00132	.00019	.00013	.00005	.00005
%RSD	.79361	.47510	183.59	.38814	.91788	4.7414	.37619
#1	.00666	1.7805	-.00021	k-.04946	L-.01387	k.00109	S-.01397
#2	.00658	1.7925	.00165	k-.04919	L-.01369	k.00102	S-.01404

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	258.99	.07219	.19164	.01643	k.22094	k61.213	6.0961
SDev	1.82	.00055	.00072	.00041	.00203	.357	.1814
%RSD	.70369	.75618	.37371	2.5104	.91774	.58260	2.9754
#1	257.70	.07181	.19114	.01614	k.22237	k60.961	5.9678
#2	260.28	.07258	.19215	.01673	k.21950	k61.465	6.2243

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	k-2.7949	S179.14	174.38	S488.32	-.00205	H9.9967	k13.302
SDev	1.8402	.02	1.40	.01	.00000	.1036	.239
%RSD	65.841	.00867	.80428	.00152	.00497	1.0361	1.7996
#1	k-4.0962	S179.15	173.39	S488.32	-.00205	H9.9235	k13.133
#2	k-1.4937	S179.13	175.38	S488.31	-.00205	H10.070	k13.472

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	Si02	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17412	k.73919	k-.04300	k-.32203	k12.730	k27.222	-.00383
SDev	.00064	.00293	.00151	.00161	.083	.177	.00080
%RSD	.36563	.39603	3.5079	.50058	.64866	.64866	20.951
#1	.17367	k.73712	k-.04193	k-.32089	k12.672	k27.097	-.00440
#2	.17457	k.74126	k-.04406	k-.32317	k12.789	k27.347	-.00326

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.42511	k.06494	k-.00639	k53.677	k.74227	k.73735	k-.00895
SDev	.00069	.00272	.00104	.275	.00361	.00259	.00375
%RSD	.16360	4.1818	16.230	.51236	.48640	.35078	41.906
#1	.42461	k.06686	k-.00566	k53.482	k.73972	k.73552	k-.01161
#2	.42560	k.06302	k-.00713	k53.871	k.74482	k.73918	k-.00630

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	k-.06209	k-.39829	k-.28605
SDev	.00413	.00110	.00187
%RSD	6.6587	.27579	.65316
#1	k-.05917	k-.39751	k-.28473
#2	k-.06502	k-.39906	k-.28737

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ethod: DISS Sample Name: 941271D-001 5 Operator: WGL
Run Time: 06/02/94 12:50:23
Comment:
Mode: CONC Corr. Factor: 1

008481

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00387	.35910	-.00063	.01031	-.00274	.00046	S16.047
SDev	.00005	.00221	.00062	.00113	.00001	.00000	.001
%RSD	1.3572	.61611	98.564	10.969	.23740	.04836	.00543
#1	.00391	.35753	-.00019	.01111	-.00275	.00046	S16.046
#2	.00383	.36066	-.00107	.00951	-.00274	.00046	S16.048

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	49.760	.01427	.03697	.00340	.02583	H12.068	1.0395
SDev	.070	.00016	.00010	.00014	.00001	.052	.0006
%RSD	.14159	1.1547	.27675	4.0406	.02668	.42997	.05779
#1	49.809	.01415	.03690	.00350	.02583	H12.105	1.0391
#2	49.710	.01438	.03704	.00331	.02582	H12.031	1.0399

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L10.847	S180.33	33.920	H21.862	-.00051	1.7452	3.2478
SDev	.049	.00	.034	.027	.00187	.0072	.0388
%RSD	.44873	.00027	.09960	.12135	364.61	.41257	1.1947
#1	L10.881	S180.33	33.944	H21.881	.00081	1.7503	3.2753
#2	L10.812	S180.33	33.896	H21.843	-.00183	1.7401	3.2204

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03367	.14822	-.00035	L-.00501	2.4371	5.2114	-.00156
SDev	.00036	.00042	.00179	.00036	.0032	.0068	.00241
%RSD	1.0798	.28262	506.58	7.2193	.13019	.13007	154.28
#1	.03341	.14852	.00091	L-.00526	2.4394	5.2162	-.00326
#2	.03392	.14793	-.00162	-.00475	2.4349	5.2066	.00014

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.08167	.01605	-.00199	H16.217	.14539	.14934	-.00010
SDev	.00014	.00110	.00000	.014	.00307	.00090	.00027
%RSD	.16744	6.8208	.24010	.08807	2.1124	.60615	271.12
#1	.08177	.01528	-.00198	H16.227	.14756	.14870	-.00029
#2	.08158	.01683	-.00199	H16.206	.14322	.14998	.00009

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00258	-.00602	-.00660
SDev	.00282	.00207	.00158
%RSD	109.19	34.465	23.890
#1	-.00059	-.00455	-.00772
#2	-.00457	-.00748	-.00549

Method: DISSL Sample Name: 941271D-001 MD Operator: WGL

008482

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Run1Time: 06/02/94 12:52:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00285	.35217	-.00005	.00916	-.00274	.00050	S16.047
SDev	.00005	.00324	.00002	.00011	.00002	.00000	.000
%RSD	1.8462	.91970	34.866	1.2434	.61090	.25040	.00304
#1	.00288	.34987	-.00003	.00924	-.00273	.00050	S16.047
#2	.00281	.35446	-.00006	.00908	-.00275	.00050	S16.046

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	49.759	.01412	.03719	.00360	.02583	H12.059	1.0461
SDev	.181	.00019	.00020	.00014	.00001	.030	.0438
%RSD	.36435	1.3812	.55028	3.8222	.05349	.25282	4.1911
#1	49.631	.01399	.03704	.00370	.02582	H12.038	1.0771
#2	49.887	.01426	.03733	.00350	.02584	H12.081	1.0151

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.8524	S180.33	33.925	H21.894	-.00183	1.7457	3.1937
SDev	.7881	.00	.161	.076	.00000	.0107	.1019
%RSD	7.9987	.00072	.47366	.34666	.00212	.61058	3.1896
#1	L9.2952	S180.33	33.811	H21.840	-.00183	1.7382	3.1217
#2	L10.410	S180.33	34.039	H21.947	-.00183	1.7533	3.2658

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03331	.14706	-.00278	-.00385	2.4399	5.2174	-.00383
SDev	.00063	.00196	.00188	.00231	.0045	.0096	.00080
%RSD	1.8879	1.3355	67.746	60.125	.18479	.18481	20.951
#1	.03376	.14567	-.00145	-.00221	2.4367	5.2106	-.00440
#2	.03287	.14845	-.00411	L-.00548	2.4431	5.2242	-.00326

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.08178	.02046	-.00199	H16.232	.14370	.14843	-.00085
SDev	.00022	.00015	.00043	.070	.00065	.00327	.00133
%RSD	.26949	.72075	21.612	.43417	.45522	2.2037	156.71
#1	.08163	.02036	-.00229	H16.183	.14416	.14612	-.00179
#2	.08194	.02056	-.00168	H16.282	.14324	.15074	.00009

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00569	-.00048	-.00763
SDev	.00327	.00417	.00555
%RSD	57.555	873.56	72.719
#1	-.00337	-.00342	-.00371
#2	-.00800	.00247	-.01155

008483

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ORIGINAL

008483

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008484

Method: DISS Sample Name: 941271D-001 25 Operator: WGL
Run Time: 06/02/94 12:53:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00245	.08339	.00121	.00193	-.00040	.00039	S32.371
SDev	.00013	.00108	.00103	.00019	.00000	.00003	.000
%RSD	5.1426	1.2895	85.129	10.006	.98306	6.5579	.00056
#1	.00236	.08415	.00194	.00180	-.00040	.00040	S32.371
#2	.00254	.08263	.00048	.00207	-.00040	.00037	S32.371

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.9624	.00294	.00731	.00112	-.00058	2.4364	.18360
SDev	.0425	.00023	.00010	.00021	.00000	.0139	.02141
%RSD	.42641	7.9734	1.4002	18.446	.55226	.57231	11.663
#1	9.9924	.00278	.00723	.00126	-.00058	2.4462	.19874
#2	9.9323	.00311	.00738	.00097	-.00059	2.4265	.16846

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.6274	H5.8382	6.8892	4.5601	-.00061	.34225	L1.4597
SDev	.0504	.0166	.0338	.0156	.00000	.00174	.0405
%RSD	.52370	.28452	.49042	.34292	.00212	.50769	2.7750
#1	L9.6630	H5.8499	6.9131	4.5712	-.00061	.34348	L1.4310
#2	L9.5917	H5.8265	6.8653	4.5491	-.00061	.34102	L1.4883

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00609	.02757	.00038	-.00136	.47448	1.0146	-.00163
SDev	.00030	.00069	.00289	.00016	.00212	.0045	.00231
%RSD	5.0035	2.5214	762.70	12.102	.44764	.44730	141.42
#1	.00588	.02708	-.00166	-.00124	.47598	1.0178	-.00326
#2	.00631	.02806	.00242	-.00147	.47298	1.0114	.00000

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01625	.01331	-.00039	3.5217	.02687	.02762	.00101
SDev	.00014	.00188	.00043	.0048	.00211	.00001	.00082
%RSD	.84622	14.111	108.79	.13713	7.8330	.03117	80.989
#1	.01635	.01464	-.00009	3.5251	.02538	.02762	.00043
#2	.01615	.01199	-.00070	3.5183	.02836	.02761	.00159

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00204	-.00226	-.00300
SDev	.00392	.00138	.00094
%RSD	192.60	61.063	31.144

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#1	-.00481	-.00324	-.00234
#2	.00074	-.00128	-.00367

Method: DISS Sample Name: 941271D-001 MD Operator: WGL
Run Time: 06/02/94 12:54:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00207	.08727	-.00351	.00101	-.00038	.00039	S32.368
SDev	.00038	.00001	.00027	.00171	.00000	.00003	.006
%RSD	18.314	.00721	7.7025	168.99	.92422	6.4095	.01709
#1	.00180	.08728	-.00331	.00223	-.00038	.00040	S32.372
#2	.00233	.08727	-.00370	-.00020	-.00039	.00037	S32.364

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.7924	.00286	.00731	.00126	-.00060	2.3954	.17642
SDev	.0384	.00008	.00031	.00041	.00001	.0240	.06995
%RSD	.39181	2.6679	4.2006	32.636	.98826	1.0024	39.651
#1	9.7652	.00291	.00709	.00156	-.00060	2.3784	.22588
#2	9.8195	.00281	.00752	.00097	-.00059	2.4123	.12695

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.7458	H5.7303	6.7697	4.4874	-.00041	.33593	L1.4701
SDev	.7875	.0327	.0280	.0291	.00029	.00096	.1038
%RSD	8.0801	.57147	.41387	.64885	70.529	.28415	7.0623
#1	L10.303	H5.7071	6.7499	4.4668	-.00061	.33661	L1.5436
#2	L9.1890	H5.7534	6.7895	4.5080	-.00020	.33526	L1.3967

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00651	.02824	.00017	-.00098	.46509	.99451	-.00149
SDev	.00013	.00053	.00308	.00209	.00424	.00908	.00030
%RSD	1.9932	1.8801	1852.9	212.68	.91223	.91286	20.203
#1	.00642	.02787	.00234	.00050	.46209	.98809	-.00128
#2	.00660	.02862	-.00201	-.00246	.46809	1.0009	-.00170

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01601	.00750	-.00055	3.4591	.02756	.02828	.00451
SDev	.00007	.00284	.00021	.0269	.00069	.00114	.00074
%RSD	.42654	37.920	38.777	.77822	2.5158	4.0381	16.491
#1	.01596	.00951	-.00040	3.4401	.02805	.02748	.00503
#2	.01606	.00549	-.00070	3.4781	.02707	.02909	.00398

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00410	-.00735	.00009

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SDev	.00424	.00358	.00135
%RSD	103.44	48.725	1437.6
#1	-.00110	-.00482	.00105
#2	-.00710	-.00988	-.00086

Method: DISS Sample Name: 941271D-002 Operator: WGL
Run Time: 06/02/94 12:56:04
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00313	1.0466	-.00163	.11676	L-.02735	.00064	S-.01525
SDev	.00034	.0063	.00118	.00091	.00042	.00000	.00021
%RSD	10.724	.59841	72.184	.77802	1.5235	.17802	1.3855
#1	.00337	1.0422	-.00246	.11611	L-.02705	.00064	S-.01510
#2	.00290	1.0510	-.00080	.11740	L-.02764	.00064	S-.01540

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H364.11	.23442	.01129	.00686	.02183	1.2594	6.2864
SDev	2.91	.00186	.00041	.00048	.00411	.0025	.1524
%RSD	.80013	.79463	3.6262	7.0209	18.847	.19634	2.4247
#1	H362.05	.23310	.01158	.00720	.01892	1.2611	6.1786
#2	H366.17	.23574	.01100	.00652	.02474	1.2576	6.3942

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	43.621	S179.17	172.40	H36.194	.00009	S82.489	20.846
SDev	7.446	.01	1.75	.157	.00043	.000	1.040
%RSD	17.069	.00745	1.0153	.43342	484.06	.00004	4.9886
#1	38.356	S179.18	171.16	H36.083	-.00022	S82.489	20.110
#2	48.886	S179.16	173.63	H36.305	.00039	S82.489	21.581

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10773	.11295	.00237	L-.00528	11.960	25.582	-.00234
SDev	.00183	.00032	.00048	.00481	.032	.068	.00231
%RSD	1.6987	.28576	20.081	91.123	.26680	.26684	98.566
#1	.10644	.11318	.00204	L-.00868	11.937	25.534	-.00397
#2	.10902	.11272	.00271	-.00188	11.982	25.630	-.00071

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.50622	.02711	-.00290	H52.408	.11797	.10984	-.01780
SDev	.00086	.00232	.00086	.446	.00005	.00004	.00302
%RSD	.16987	8.5444	29.557	.85163	.03834	.03393	16.969
#1	.50682	.02547	-.00229	H52.092	.11801	.10987	-.01567
#2	.50561	.02875	-.00350	H52.723	.11794	.10981	-.01994

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01050	.00077	-.01039
SDev	.00201	.00490	.00476
%RSD	19.155	635.98	45.799
#1	.00908	-.00270	-.01376
#2	.01192	.00424	-.00703

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Method: DISS Sample Name: 941271D-002 20 Operator: WGL
Run Time: 06/02/94 12:58:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00103	.06922	.00124	.00553	-.00124	.00040	S24.237
SDev	.00067	.00327	.00072	.00038	.00014	.00000	11.438
%RSD	65.587	4.7251	57.850	6.8959	11.143	.24951	47.195
#1	.00055	.06690	.00174	.00580	-.00134	.00040	S32.325
#2	.00150	.07153	.00073	.00526	-.00115	.00040	S16.149

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	17.985	.01222	.00029	.00039	L-.00546	.06174	.38119
SDev	.094	.00025	.00000	.00028	.00205	.00393	.09890
%RSD	.52422	2.0686	.00000	70.711	37.485	6.3634	25.944
#1	17.919	.01204	.00029	.00058	L-.00690	.05896	.31126
#2	18.052	.01240	.00029	.00019	-.00401	.06452	.45112

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	42.512	H7.4507	8.9513	1.9802	-.00122	.68983	5.5076
SDev	.118	.0369	.0297	.0096	.00086	.00757	.0258
%RSD	.27652	.49538	.33141	.48425	70.659	1.0972	.46927
#1	42.429	H7.4246	8.9303	1.9734	-.00183	.68448	5.4893
#2	42.595	H7.4768	8.9723	1.9870	-.00061	.69518	5.5259

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00407	.00473	.00082	-.00210	.58216	1.2452	-.00234
SDev	.00079	.00059	.00035	.00089	.00585	.0125	.00151
%RSD	19.469	12.464	42.296	42.567	1.0043	1.0047	64.282
#1	.00351	.00515	.00058	-.00147	.57803	1.2364	-.00341
#2	.00463	.00431	.00107	-.00273	.58629	1.2541	-.00128

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02525	.00641	-.00075	4.0555	.00156	.00602	.00466
SDev	.00014	.00098	.00064	.0089	.00451	.00137	.00400
%RSD	.53904	15.316	85.616	.21934	289.81	22.749	85.924

#1	.02515	.00571	-.00030	4.0492	.00475	.00505	.00183
#2	.02535	.00710	-.00120	4.0618	-.00163	.00698	.00749

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00304	-.00951	-.00050
SDev	.00169	.00598	.00164
%RSD	55.513	62.870	329.64
#1	-.00185	-.00528	-.00166
#2	-.00423	-.01373	.00066

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ORIGINAL

Method: DISS Sample Name: CCV 0511G Operator: WGL
Run Time: 06/02/94 12:59:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00071	10.257	2.4290	2.5830	5.0345	2.6189	.96706
SDev	.00078	.020	.0001	.0058	.0104	.0052	.00208
%RSD	109.01	.19228	.00397	.22374	.20615	.19671	.21489
#1	.00126	10.271	2.4290	2.5871	5.0418	2.6226	.96853
#2	.00016	10.244	2.4291	2.5789	5.0271	2.6153	.96559

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1646	1.0624	2.5531	2.6045	2.5784	5.1899	10.479
SDev	.0031	.0026	.0035	.0067	.0041	.0281	.020
%RSD	.26395	.24027	.13626	.25610	.15869	.54111	.18738
#1	1.1668	1.0643	2.5555	2.6092	2.5813	5.2097	10.493
#2	1.1625	1.0606	2.5506	2.5998	2.5756	5.1700	10.465

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	45.090	2.5740	3.2584	5.2457	2.5643	1.0913	5.0968
SDev	.919	.0076	.0082	.0108	.0030	.0045	.0124
%RSD	2.0385	.29386	.25290	.20674	.11762	.40890	.24324
#1	45.739	2.5793	3.2642	5.2534	2.5622	1.0944	5.1056
#2	44.440	2.5686	3.2526	5.2381	2.5664	1.0881	5.0881

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.7422	1.0387	2.5690	2.3976	26.427	56.486	2.7263
SDev	.0061	.0021	.0054	.0033	.071	.151	.0130
%RSD	.22340	.20299	.21132	.13595	.26784	.26784	.47862
#1	2.7465	1.0402	2.5728	2.3953	26.477	56.593	2.7355
#2	2.7379	1.0372	2.5651	2.3999	26.377	56.379	2.7171

Elem	[illegible]	[illegible]	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.9901	1.0183	2.6047	2.6395	1.0049	1.0550	2.5586

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SDev	.0082	.0001	.0066	.0080	.0038	.0008	.0060
%RSD	.16432	.00545	.25516	.30449	.37691	.08022	.23454
#1	4.9959	1.0183	2.6094	2.6452	1.0075	1.0556	2.5543
#2	4.9843	1.0183	2.6000	2.6339	1.0022	1.0544	2.5628

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.5721	2.3781	2.4053
SDev	.0111	.0088	.0093
%RSD	.43292	.36946	.38554
#1	2.5799	2.3843	2.3987
#2	2.5642	2.3719	2.4118

008489

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ORIGINAL

Method: DISS Sample Name: CCV 0511J Operator: WGL
Run Time: 06/02/94 13:02:29
omment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.6861	.01001	-.00188	.02091	-.00967	.00079	S15.880
SDev	.0685	.00308	.00031	.00777	.00004	.00061	.001
%RSD	2.5497	30.794	16.222	37.169	.38473	77.040	.00641
#1	2.7346	.01219	-.00166	.02641	-.00964	.00123	S15.879
#2	2.6377	.00783	-.00210	.01542	-.00970	.00036	S15.880

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	103.08	.00014	.00014	.00102	-.00723	-.00195	S1000.0
SDev	.40	.00006	.00000	.00034	.00000	.00046	2036.2
%RSD	.39062	42.470	.00000	33.672	.00038	23.501	141.46
#1	102.80	.00018	.00014	.00126	-.00723	-.00227	S1000.0
#2	103.37	.00010	.00014	.00078	-.00723	-.00162	S-.40328

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	107.01	S179.67	103.66	-.00173	.01960	S82.493	53.197
SDev	.29	.00	.49	.00003	.00933	.000	.027
%RSD	.27328	.00025	.47350	1.5027	47.629	.00000	.05025
#1	107.22	S179.67	103.31	-.00175	.02620	S82.493	53.179
#2	106.80	S179.67	104.01	-.00172	.01300	S82.493	53.216

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00012	-.00113	-.00048	-.00202	.05097	.10900	-.00163
SDev	.00066	.00101	.00074	.00243	.04707	.10068	.00371
%RSD	571.99	89.341	153.88	120.40	92.357	92.370	227.50
#1	.00058	-.00184	-.00100	-.00030	.08425	.18019	.00099
#2	-.00035	-.00042	.00004	-.00373	.01768	.03781	-.00426

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00118	.01113	.00076	-.00934	-.00345	-.00057	.00188
SDev	.00005	.00067	.00150	.00003	.00087	.00065	.00303
%RSD	3.8670	6.0487	197.44	.27737	25.164	114.63	161.27
#1	-.00115	.01161	.00182	-.00936	-.00406	-.00103	-.00026
#2	-.00121	.01065	-.00030	-.00932	-.00283	-.00011	.00402

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00375	-.00770	-.00128
SDev	.00041	.00351	.00189
%RSD	10.860	45.550	147.81
#1	-.00347	-.00522	.00006
#2	-.00404	-.01018	-.00261

008490

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thod: DISS Sample Name: CCB 0510B Operator: WGL
un Time: 06/02/94 13:04:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00215	.01699	-.00220	.00476	-.00015	.00034	-.00708
SDev	.00108	.00624	.00307	.00066	.00000	.00003	.00543
%RSD	50.403	36.735	139.27	13.943	.43057	7.9263	76.587
#1	.00291	.01258	-.00003	.00523	-.00015	.00032	-.00325
#2	.00138	.02140	L-.00437	.00429	-.00015	.00036	-.01092

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02219	-.00014	-.00007	.00019	-.00434	-.01205	.09094
SDev	.00690	.00023	.00051	.00041	.00000	.00087	.08381
%RSD	31.084	165.74	707.11	212.13	.00068	7.2312	92.158
#1	.02706	-.00030	-.00043	-.00010	-.00434	-.01143	.03168
#2	.01731	.00002	.00029	.00049	-.00434	-.01266	H.15020

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.86286	-.00041	.16189	-.00016	.00112	.03268	.12939
SDev	.61368	.00706	.00536	.00009	.00043	.00335	.00797
%RSD	71.122	1719.2	3.3109	54.196	38.570	10.240	6.1619
#1	.42893	.00458	.16568	-.00022	.00081	.03504	.12376
#2	1.2968	-.00540	.15810	-.00010	.00142	.03031	.13503

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
nits	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
vge	-.00114	-.00087	-.00022	-.00302	-.01560	-.03337	-.00227
SDev	.00017	.00160	.00136	.00216	.00346	.00740	.00020
%RSD	14.848	182.55	612.89	71.686	22.182	22.162	8.8388

#1	-.00126	L-.00200	-.00118	-.00149	-.01805	-.03860	-.00213
#2	-.00102	.00025	.00074	-.00454	-.01315	-.02814	-.00241

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00012	.00807	-.00106	-.00064	-.00159	-.00081	-.00221
SDev	.00003	.00508	.00107	.00028	.00108	.00186	.00212
%RSD	28.298	62.947	101.06	43.464	67.521	227.66	95.840
#1	-.00015	H.01166	-.00181	-.00083	-.00235	-.00213	-.00370
#2	-.00010	.00448	-.00030	-.00044	-.00083	.00050	-.00071

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00133	-.00190	-.00567
SDev	.00098	.00287	.00181
%RSD	73.669	151.04	31.876
#1	-.00202	.00013	-.00439
#2	-.00064	-.00393	-.00695

008491

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Method: DISS Sample Name: 941271D-003 Operator: WGL
Run Time: 06/02/94 13:06:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00007	H25.897	.00145	.02668	.00407	.00486	S24.227
SDev	.00019	.031	.00108	.00038	.00012	.00005	11.437
%RSD	254.56	.12093	74.542	1.4211	2.8970	.92326	47.208
#1	-.00006	H25.875	.00221	.02641	.00399	.00490	S32.314
#2	.00021	H25.919	.00069	.02695	.00415	.00483	S16.140

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	18.441	.01898	.03610	.00292	1.4366	H18.523	.67861
SDev	.000	.00007	.00031	.00000	.0000	.005	.01337
%RSD	.00021	.35893	.85023	.00000	.00001	.02710	1.9700
#1	18.441	.01903	.03632	.00292	1.4366	H18.526	.68806
#2	18.441	.01894	.03588	.00292	1.4366	H18.519	.66915

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L1.3852	H8.1618	9.0150	1.5909	.00010	H3.7910	3.2451
SDev	.9052	.0057	.0168	.0001	.00029	.0058	.1219
%RSD	65.347	.06998	.18686	.00808	300.56	.15226	3.7558
#1	1.7514	H8.1577	9.0031	1.5908	.00011	H3.7870	3.1590
#2	1.0253	H8.1658	9.0269	1.5909	.00030	H3.7951	3.3313

Elem	Tl2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01847	.00131	.00128	.00237-	28.305	60.541	.00149

SDev	.00026	.00074	.00092	.00037	.003	.007	.00050
%RSD	1.4226	56.771	71.404	15.733	.01128	.01129	33.672
#1	.01829	.00078	.00193	.00211	28.302	60.536	.00185
#2	.01866	.00184	.00064	.00264	28.307	60.546	.00114

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.08691	.01734	.00113	1.4059	-.00463	.00338	.00256
SDev	.00012	.00133	.00021	.0012	.00240	.00231	.00404
%RSD	.13964	7.6700	18.900	.08333	51.767	68.465	158.12
#1	.08699	.01828	.00098	1.4050	-.00294	.00174	-.00030
#2	.08682	.01640	.00128	1.4067	-.00633	.00501	.00541

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00145	-.00030	.00161
SDev	.00339	.00565	.00338
%RSD	233.64	1894.1	210.30
#1	.00095	.00369	-.00078
#2	-.00385	-.00429	.00400

008492

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Method: DISS Sample Name: 941271D-003 PDSSPIKE Operator: WGL
Run Time: 06/02/94 13:09:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.96784	H24.964	.92115	.99313	.97222	.98905	S15.980
SDev	.00252	.004	.00319	.00284	.00035	.00032	.001
%RSD	.26052	.01666	.34682	.28634	.03615	.03204	.00510
#1	.96963	H24.961	.91889	.99112	.97197	.98927	S15.979
#2	.96606	H24.967	.92341	.99514	.97247	.98883	S15.980

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	68.266	1.0023	.95590	.94684	2.1912	H17.823	H58.506
SDev	.026	.0005	.00010	.00103	.0041	.017	.377
%RSD	.03739	.04908	.01071	.10894	.18664	.09552	.64442
#1	68.248	1.0027	.95583	.94756	2.1941	H17.835	H58.240
#2	68.284	1.0020	.95597	.94611	2.1883	H17.811	H58.773

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	51.558	S180.05	60.973	2.4239	.95396	S82.481	53.958
SDev	.193	.00	.026	.0004	.00388	.000	.098
%RSD	.37493	.00024	.04270	.01785	.40646	.00001	.18135
#1	51.421	S180.05	60.991	2.4242	.95122	S82.481	53.889
#2	51.694	S180.06	60.955	2.4236	.95670	S82.481	54.028

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.98259	.96558	.00157	.92405	31.621	67.622	-.00220
SDev	.00019	.00258	.00048	.00184	.013	.028	.00171
%RSD	.01919	.26715	30.646	.19885	.04205	.04204	77.554
#1	.98246	.96376	.00191	.92535	31.631	67.642	-.00341
#2	.98272	.96740	.00123	.92275	31.612	67.601	-.00099

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0667	.97069	.98252	2.2872	.93242	.98123	.00180
SDev	.0005	.00478	.00043	.0035	.00026	.00374	.00428
%RSD	.05031	.49199	.04393	.15345	.02834	.38069	237.59
#1	1.0664	.97407	.98283	2.2897	.93223	.97859	.00483
#2	1.0671	.96731	.98222	2.2847	.93261	.98388	-.00122

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00065	.90921	.92936
SDev	.00142	.00000	.00275
%RSD	218.78	.00013	.29636
#1	-.00165	.90921	.93131
#2	.00035	.90921	.92741

008493

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Method: DISS
Run Time: 06/02/94 13:11:19 Sample Name: 941271D-003 10 Operator: WGL
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00461	2.5990	-.00062	.01203	-.00032	.00145	1.7609
SDev	.00258	.0291	.00164	.00152	.00188	.00085	.1037
%RSD	56.112	1.1216	262.68	12.608	591.93	59.130	5.8878
#1	.00643	2.6196	.00054	.01310	.00101	.00205	1.8342
#2	.00278	2.5784	-.00178	.01095	-.00165	.00084	1.6876

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L1.8614	.00136	.00376	.00107	.13455	1.7630	L-32.163
SDev	.0550	.00267	.00020	.00028	.00409	.0930	45.824
%RSD	2.9544	196.69	5.4393	25.713	3.0425	5.2725	142.47
#1	L1.9003	.00324	.00391	.00126	.13744	1.8288	.23929
#2	L1.8225	-.00053	.00362	.00088	.13165	1.6973	L-64.565

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-1.0055	.76618	L1.0591	.15714	.01439	.41464	L.26947
SDev	.0176	.10766	.0551	.00212	.00919	.03366	.00064
%RSD	1.7510	14.051	5.2057	1.3517	63.875	8.1189	.23779

#1	L-1.0179	.84231	L1.0980	.15864	.02089	.43844	L.26902
#2	L-.99304	.69006	L1.0201	.15564	.00789	.39084	L.26992

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00103	.00052	.00229	-.00047	2.7397	5.8600	-.00114
SDev	.00171	.00169	.00004	.00177	.0571	.1222	.00201
%RSD	166.30	327.27	1.6811	376.48	2.0858	2.0856	176.78
#1	.00224	.00171	.00231	-.00173	2.7801	5.9464	-.00256
#2	-.00018	-.00068	.00226	.00078	2.6993	5.7736	.00028

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00907	.00674	-.00030	.13873	-.00265	.00150	.00338
SDev	.00083	.00156	.00021	.00169	.00110	.00156	.00451
%RSD	9.1587	23.175	68.204	1.2197	41.576	104.05	133.21
#1	.00966	.00563	-.00045	.13993	-.00187	.00260	.00657
#2	.00848	.00784	-.00016	.13753	-.00343	.00040	.00020

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00021	-.00259	-.00136
SDev	.00240	.00218	.00178
%RSD	1144.3	83.974	131.17
#1	-.00191	-.00414	-.00262
#2	.00149	-.00105	-.00010

008494

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Method: DISS Sample Name: 941271D-003 PDSSPIKE Operator: WGL
Run Time: 06/02/94 13:14:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1073	3.4718	1.0532	1.1188	1.1126	1.1667	S16.047
SDev	.0042	.0083	.0029	.0078	.0024	.0043	.018
%RSD	.37666	.23776	.27768	.69473	.21170	.36995	.11056
#1	1.1103	3.4776	1.0553	1.1243	1.1143	1.1697	S16.034
#2	1.1044	3.4659	1.0511	1.1133	1.1110	1.1636	S16.060

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	51.333	1.1174	1.0677	1.0867	1.1943	2.7402	H71.382
SDev	.036	.0015	.0028	.0012	.0020	.0025	23.729
%RSD	.07080	.13743	.25871	.10758	.17115	.09302	33.242
#1	51.359	1.1185	1.0697	1.0875	1.1929	2.7384	H54.603
#2	51.308	1.1163	1.0658	1.0858	1.1958	2.7420	H88.161

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	45.897	S180.16	51.943	1.2554	1.1108	S82.483	49.053

SDev	.468	.03	.026	.0022	.0036	.000	.195
%RSD	1.0194	.01703	.05013	.17539	.32321	.00001	.39779
#1	45.566	S180.14	51.961	1.2570	1.1133	S82.483	49.191
#2	46.228	S180.18	51.924	1.2539	1.1083	S82.483	48.915

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1191	1.0811	-.00249	1.0422	8.4604	18.080	.00021
SDev	.0021	.0124	.00028	.0131	.0200	.043	.00311
%RSD	.18500	1.1465	11.365	1.2584	.23587	.23600	1461.4
#1	1.1205	1.0723	-.00269	1.0330	8.4745	18.110	-.00199
#2	1.1176	1.0898	-.00229	1.0515	8.4463	18.049	.00241

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1426	1.1070	1.1315	1.2675	1.0484	1.0968	-.00230
SDev	.0036	.0068	.0034	.0042	.0018	.0191	.00129
%RSD	.31699	.61694	.30249	.33163	.17395	1.7387	55.975
#1	1.1452	1.1119	1.1340	1.2705	1.0497	1.0833	-.00321
#2	1.1401	1.1022	1.1291	1.2646	1.0471	1.1103	-.00139

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00438	1.0282	1.0471
SDev	.00022	.0092	.0151
%RSD	4.9670	.89087	1.4411
#1	-.00423	1.0217	1.0365
#2	-.00454	1.0347	1.0578

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ORIGINAL

Method: DISS Sample Name: 941271D-004 Operator: WGL
Run Time: 06/02/94 13:15:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00007	H25.805	-.00125	.03151	.00441	.00497	S24.227
SDev	.00077	.067	.00025	.00170	.00035	.00018	11.436
%RSD	1147.1	.25887	20.453	5.4126	7.9117	3.5673	47.204
#1	.00061	H25.853	-.00107	.03271	.00466	.00510	S32.314
#2	-.00048	H25.758	-.00143	.03030	.00416	.00485	S16.141

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	18.371	.01883	.03632	.00306	1.4308	H18.367	.77640
SDev	.052	.00033	.00020	.00007	.0000	.036	.01442
%RSD	.28332	1.7741	.56343	2.2448	.00016	.19429	1.8571
#1	18.407	.01906	.03617	.00301	1.4308	H18.392	.78660
#2	18.334	.01859	.03646	.00311	1.4308	H18.341	.76621

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L2.3274	H8.1635	8.9945	1.5789	.00426	H3.7973	3.3384
SDev	.1947	.0237	.0276	.0035	.00158	.0151	.0412
%RSD	8.3676	.28972	.30647	.22177	37.064	.39817	1.2344
#1	L2.1897	H8.1803	9.0139	1.5814	.00538	H3.8080	3.3093
#2	L2.4651	H8.1468	8.9750	1.5765	.00314	H3.7866	3.3676

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01872	.00022	.00396	.00185	28.141	60.192	.00270
SDev	.00040	.00042	.00200	.00305	.040	.085	.00241
%RSD	2.1457	188.41	50.453	164.66	.14170	.14170	89.319
#1	.01843	.00052	.00537	.00401	28.170	60.252	.00440
#2	.01900	-.00007	.00254	-.00030	28.113	60.132	.00099

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.08663	.01681	.00096	1.3957	-.00484	.00185	.00448
SDev	.00048	.00262	.00000	.0033	.00079	.00023	.00035
%RSD	.55867	15.564	.29560	.23702	16.307	12.633	7.8060
#1	.08697	.01867	.00097	1.3980	-.00428	.00201	.00473
#2	.08628	.01496	.00096	1.3934	-.00540	.00168	.00423

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00160	-.00057	.00096
SDev	.00282	.00757	.00080
%RSD	176.56	1334.4	82.628
#1	.00359	.00478	.00152
#2	-.00040	-.00592	.00040

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Method: DISS Sample Name: 941271D-004 10 Operator: WGL
Run Time: 06/02/94 13:17:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00145	2.5968	-.00229	.00653	.00035	.00081	1.7588
SDev	.00012	.0219	.00011	.00038	.00000	.00000	.0274
%RSD	7.9776	.84398	4.8556	5.7999	.56873	.34339	1.5581
#1	.00137	2.5813	-.00221	.00626	.00035	.00081	1.7395
#2	.00153	2.6123	-.00237	.00680	.00035	.00081	1.7782

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L1.8405	.00193	.00369	.00088	.13455	1.8382	.11928
SDev	.0216	.00008	.00010	.00014	.00409	.0232	.07329
%RSD	1.1744	3.9164	2.7730	15.713	3.0398	1.2646	61.446

#1	L1.8253	.00199	.00376	.00078	.13166	1.8217	.17111
#2	L1.8558	.00188	.00362	.00097	.13744	1.8546	.06746
Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.32788	.78515	L1.0379	.15687	.00109	.35940	L.27487
SDev	.32377	.00821	.0084	.00190	.00014	.00741	.04905
%RSD	98.747	1.0455	.81150	1.2129	13.250	2.0618	17.845
#1	L.55683	.77935	L1.0320	.15553	.00119	.35416	L.30955
#2	L.09894	.79096	L1.0439	.15822	.00098	.36464	L.24019
Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	Si02	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00045	-.00199	.00181	-.00465	2.7684	5.9215	-.00050
SDev	.00065	.00032	.00137	.00391	.0367	.0785	.00271
%RSD	142.33	16.174	75.921	84.140	1.3253	1.3253	545.48
#1	.00091	L-.00222	.00084	-.00188	2.7425	5.8660	-.00241
#2	-.00000	-.00176	.00278	L-.00741	2.7944	5.9769	.00142
Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00851	.00708	.00001	.13765	-.00342	-.00158	.00218
SDev	.00010	.00123	.00022	.00158	.00151	.00027	.00035
%RSD	1.2159	17.405	2916.3	1.1474	44.073	17.151	15.880
#1	.00843	.00795	-.00015	.13653	-.00449	-.00138	.00193
#2	.00858	.00621	.00016	.13877	-.00235	-.00177	.00242
Elem	Sb 2nd	Se 1st	Se 2nd				
Units	mg/L	mg/L	mg/L				
Avge	-.00047	-.00668	-.00573				
SDev	.00189	.00588	.00880				
%RSD	400.38	88.046	153.48				
#1	-.00181	-.01083	.00049				
#2	.00086	-.00252	-.01195				

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Method: DISS
Run Time: 06/02/94 Sample Name: 941271D-005 Operator: WGL 13:19:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00025	H26.265	.00071	.02114	.02995	.00673	S24.142
SDev	.00058	.065	.00149	.00028	.00011	.00011	11.399
%RSD	235.70	.24617	211.07	1.3291	.36284	1.5959	47.217
#1	.00016	H26.311	.00176	.02133	.03003	.00680	S32.203
#2	-.00065	H26.220	-.00035	.02094	.02988	.00665	S16.082
Elem	Cd3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	36.171	.16199	.01946	.00535	4.9584	H74.400	1.4507

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SDev	.100	.00053	.00010	.00000	.0123	.181	.0936
%RSD	.27694	.32919	.52573	.00000	.24760	.24319	6.4541
#1	36.242	.16236	.01953	.00535	4.9671	H74.528	1.5169
#2	36.100	.16161	.01939	.00535	4.9497	H74.272	1.3845

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L2.6718	S180.30	33.045	5.7614	-.00021	H3.2197	3.6027
SDev	.1989	.00	.060	.0137	.00072	.0094	.0345
%RSD	7.4450	.00054	.18075	.23720	335.76	.29312	.95656
#1	L2.5311	S180.30	33.088	5.7710	.00029	H3.2264	3.6271
#2	L2.8124	S180.30	33.003	5.7517	-.00072	H3.2130	3.5784

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01688	.04462	.00062	-.00022	19.465	41.627	.00106
SDev	.00062	.00022	.00126	.00306	.058	.125	.00070
%RSD	3.6531	.50225	202.73	1391.4	.30021	.30023	65.997
#1	.01732	.04478	.00151	.00195	19.507	41.715	.00156
#2	.01644	.04447	-.00027	-.00239	19.424	41.538	.00057

Elem	Sr4215	Ti1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19107	.01519	.00165	H21.334	.03795	.04706	.00257
SDev	.00055	.00089	.00151	.022	.00075	.00004	.00170
%RSD	.28889	5.8554	91.468	.10200	1.9817	.08387	66.466
#1	.19146	.01456	.00272	H21.349	.03848	.04703	.00377
#2	.19068	.01582	.00058	H21.318	.03742	.04708	.00136

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00245	-.00099	-.00194
SDev	.00104	.00078	.00420
%RSD	42.380	79.190	217.19
#1	-.00171	-.00044	.00104
#2	-.00318	-.00154	-.00491

Method: DISS Sample Name: 941271D-005 10 Operator: WGL
Run Time: 06/02/94 13:20:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00130	2.7152	-.00106	.00582	.00304	.00104	S32.408
SDev	.00081	.0052	.00259	.00028	.00015	.00003	.000
%RSD	62.225	.19249	245.30	4.8863	4.8721	2.4693	.00042
#1	.00187	2.7189	-.00289	.00562	.00314	.00106	S32.408
#2	.00073	2.7115	.00078	.00602	.00293	.00103	S32.408

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.7049	.01655	.00195	.00117	.48617	7.6105	.17765
SDev	.0049	.00022	.00010	.00041	.00204	.0083	.01171
%RSD	.13255	1.3217	5.2378	35.355	.42038	.10924	6.5886
#1	3.7015	.01670	.00203	.00146	.48761	7.6046	.18593
#2	3.7084	.01639	.00188	.00088	.48472	7.6163	.16938

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.7216	3.0369	L3.5118	.59132	.00017	.31555	L.70868
SDev	.0649	.0051	.0000	.00065	.00172	.00376	.08953
%RSD	1.7445	.16672	.00000	.10972	1010.7	1.1924	12.634
#1	L3.7676	3.0333	L3.5118	.59086	-.00105	.31288	L.64537
#2	L3.6757	3.0404	L3.5118	.59178	.00139	.31821	L.77199

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00111	.00384	.00043	-.00360	1.9478	4.1653	.00128
SDev	.00025	.00123	.00258	.00343	.0013	.0029	.00140
%RSD	22.771	31.919	595.35	95.392	.06860	.06849	109.99
#1	.00129	.00297	.00226	L-.00602	1.9487	4.1673	.00028
#2	.00093	.00471	-.00139	-.00117	1.9468	4.1632	.00227

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01924	.00924	-.00026	2.3989	.00147	.00443	.00117
SDev	.00003	.00165	.00043	.0007	.00435	.00009	.00229
%RSD	.17949	17.853	166.56	.02893	296.02	2.0647	195.86
#1	.01922	.00807	.00005	2.3984	-.00161	.00436	.00279
#2	.01927	.01041	-.00056	2.3994	.00454	.00449	-.00045

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00203	-.00547	-.00446
SDev	.00272	.00369	.00330
%RSD	133.89	67.413	74.052
#1	-.00011	-.00808	-.00679
#2	-.00396	-.00286	-.00212

Method: DISS Sample Name: 941271D-006 Operator: WGL
Run Time: 06/02/94 13:21:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00068	H26.316	-.00126	.02160	.03032	.00675	S32.205
SDev	.00023	.092	.00056	.00019	.00007	.00003	.004
%RSD	33.818	.34908	44.178	.89117	.22920	.47853	.01334

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#1	-.00085	H26.380	-.00165	.02147	.03027	.00677	S32.202
#2	-.00052	H26.251	-.00087	.02174	.03037	.00673	S32.208

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	36.249	.16265	.01932	.00593	4.9671	H74.530	1.4632
SDev	.114	.00010	.00051	.00028	.0164	.142	.0106
%RSD	.31429	.06399	2.6483	4.6368	.32942	.18992	.72122
#1	36.329	.16273	.01968	.00574	4.9786	H74.630	1.4706
#2	36.168	.16258	.01895	.00613	4.9555	H74.430	1.4557

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L5.8471	S180.29	33.190	5.7694	-.00133	H3.2512	3.8810
SDev	.5528	.00	.067	.0117	.00000	.0150	.0511
%RSD	9.4538	.00032	.20302	.20236	.08281	.46185	1.3169
#1	L5.4562	S180.29	33.238	5.7777	-.00133	H3.2618	3.9171
#2	L6.2379	S180.29	33.143	5.7612	-.00133	H3.2406	3.8448

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01694	.04533	.00151	-.00109	19.484	41.666	-.00099
SDev	.00016	.00023	.00041	.00436	.041	.088	.00261
%RSD	.93848	.51367	27.353	401.78	.21129	.21130	262.64
#1	.01705	.04549	.00122	.00200	19.513	41.728	.00085
#2	.01682	.04516	.00180	-.00417	19.454	41.603	-.00284

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19104	.01361	.00121	H21.378	.03781	.04818	.00520
SDev	.00062	.00108	.00084	.019	.00031	.00019	.00522
%RSD	.32504	7.9459	69.621	.08983	.81768	.40417	100.25
#1	.19148	.01285	.00062	H21.392	.03802	.04832	.00889
#2	.19060	.01438	.00181	H21.365	.03759	.04804	.00151

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00229	-.00201	-.00257
SDev	.00301	.00261	.00545
%RSD	131.57	129.61	211.91
#1	-.00442	-.00017	.00128
#2	-.00016	-.00385	-.00643

Method: DISS Sample Name: 941271D-006 10 Operator: WGL
Run Time: 06/02/94 13:23:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00132	2.6510	-.00306	.00589	-.00204	.00102	S32.411

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SDev	.00002	.0313	.00342	.00038	.00693	.00005	.004
%RSD	1.5890	1.1820	111.77	6.4349	338.82	4.9132	.01269
#1	.00131	2.6731	-.00547	.00615	.00285	.00106	S32.408
#2	.00134	2.6288	-.00064	.00562	-.00694	.00099	S32.414

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.6285	.01512	.00224	.00107	.47170	7.4343	L-4.6301
SDev	.0049	.00140	.00031	.00014	.00204	.0108	6.8641
%RSD	.13543	9.2810	13.686	12.856	.43331	.14497	148.25
#1	3.6320	.01611	.00246	.00097	.47314	7.4267	.22359
#2	3.6250	.01413	.00203	.00117	.47025	7.4419	L-9.4837

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L5.5431	2.9778	L3.4485	.57747	-.00023	.31304	L.80460
SDev	.1773	.0050	.0115	.00138	.00086	.00163	.08987
%RSD	3.1977	.16721	.33307	.23912	366.65	.52171	11.170
#1	L5.4178	2.9813	L3.4566	.57844	.00037	.31188	L.74105
#2	L5.6684	2.9743	L3.4403	.57649	-.00084	.31419	L.86815

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00132	.00282	-.00215	-.00167	1.8679	3.9945	.00035
SDev	.00262	.00125	.00028	.00121	.0633	.1354	.00231
%RSD	198.81	44.185	13.101	72.774	3.3885	3.3895	650.54
#1	.00054	.00370	-.00235	-.00252	1.9127	4.0902	-.00128
#2	-.00318	.00194	-.00195	-.00081	1.8232	3.8987	.00199

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01880	.00635	.00033	2.3396	.00294	.00246	.00180
SDev	.00003	.00053	.00086	.0059	.00003	.00188	.00005
%RSD	.18368	8.3877	257.56	.25313	1.0874	76.553	2.8178
#1	.01883	.00598	-.00027	2.3438	.00292	.00379	.00184
#2	.01878	.00673	.00094	2.3354	.00296	.00113	.00177

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00622	-.00287	-.00316
SDev	.00045	.00647	.00141
%RSD	7.1932	225.22	44.646
#1	-.00654	-.00745	-.00216
#2	-.00591	.00170	-.00416

ethod: DISS Sample Name: CCV 0511G Operator: WGL
Run Time: 06/02/94 13:24:34
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00090	10.608	2.4395	2.5980	5.0484	2.6241	.97193
SDev	.00039	.017	.0026	.0064	.0082	.0072	.00187
%RSD	43.245	.15921	.10504	.24800	.16236	.27509	.19248
#1	.00062	10.596	2.4377	2.5934	5.0426	2.6190	.97061
#2	.00117	10.620	2.4413	2.6025	5.0541	2.6292	.97325

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1131	1.0668	2.5538	2.6145	2.5958	5.2021	10.747
SDev	.0029	.0027	.0061	.0054	.0041	.0011	.049
%RSD	.26410	.25212	.24037	.20778	.15757	.02117	.45806
#1	1.1110	1.0649	2.5494	2.6107	2.5929	5.2014	10.712
#2	1.1151	1.0687	2.5581	2.6183	2.5987	5.2029	10.782

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	15.908	2.6064	3.0494	5.2628	2.5713	.98231	1.7987
SDev	.064	.0049	.0107	.0103	.0132	.00115	.0646
%RSD	.40511	.18798	.35154	.19617	.51383	.11684	3.5935
#1	15.863	2.6029	3.0418	5.2555	2.5620	.98150	1.7530
#2	15.954	2.6099	3.0570	5.2701	2.5807	.98312	1.8444

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.6609	1.0422	2.5683	2.4080	26.692	57.053	2.7392
SDev	.0060	.0038	.0141	.0144	.039	.083	.0035
%RSD	.22533	.36235	.54970	.59651	.14562	.14558	.12826
#1	2.6566	1.0448	2.5783	2.4182	26.665	56.995	2.7416
#2	2.6651	1.0395	2.5583	2.3979	26.720	57.112	2.7367

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.0126	1.0268	2.6149	2.6569	1.0033	1.0610	2.5571
SDev	.0090	.0035	.0060	.0044	.0053	.0034	.0043
%RSD	.17880	.34494	.22944	.16495	.52706	.32475	.16976
#1	5.0062	1.0243	2.6106	2.6538	1.0071	1.0634	2.5602
#2	5.0189	1.0293	2.6191	2.6600	.99960	1.0585	2.5540

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.5720	2.3575	2.4313
SDev	.0188	.0129	.0149
%RSD	.73045	.54931	.61113
#1	2.5853	2.3667	2.4418
2	2.5587	2.3484	2.4208

Method: DISS Sample Name: CCV 0511J Operator: WGL

008502

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Run Time: 06/02/94 13:27:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5866	.00987	.00132	.02198	-.00941	.00066	S15.881
SDev	.0190	.01056	.00156	.00777	.00035	.00032	.005
%RSD	.73474	106.98	118.15	35.356	3.6788	48.425	.02903
#1	2.6001	.01734	.00242	.02748	-.00966	.00088	S15.878
#2	2.5732	.00240	.00022	.01649	-.00917	.00043	S15.884

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	102.53	-.00004	.00043	.00112	-.00578	-.00956	S-.40331
SDev	.56	.00010	.00061	.00076	.00204	.00285	.00014
%RSD	.54213	237.78	141.42	67.636	35.353	29.789	.03482
#1	102.92	.00003	-.00000	.00058	-.00723	-.00755	S-.40341
#2	102.13	-.00011	.00087	.00165	-.00434	-.01158	S-.40321

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	107.52	S179.67	103.15	-.00169	.01726	S72.772	52.031
SDev	.40	.01	.55	.00007	.00862	.000	.393
%RSD	.37216	.00386	.53447	3.9945	49.913	.00001	.75549
#1	107.81	S179.66	103.54	-.00164	.02336	S72.772	52.309
#2	107.24	S179.67	102.76	-.00173	.01117	S72.772	51.753

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00005	.00118	-.00032	-.00590	.05003	.10700	-.00021
SDev	.00065	.00012	.00221	.00445	.04680	.10011	.00271
%RSD	1311.1	10.380	682.69	75.304	93.533	93.558	1272.8
#1	.00051	.00126	.00124	-.00905	.08312	.17779	.00170
#2	-.00041	.00109	-.00189	-.00276	.01694	.03621	-.00213

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00119	.01040	.00076	-.00939	.00176	-.00002	-.00240
SDev	.00002	.00285	.00021	.00040	.00072	.00054	.00277
%RSD	1.2785	27.381	27.973	4.2247	40.503	2879.2	115.63
#1	-.00120	.00839	.00091	-.00967	.00126	.00036	-.00436
#2	-.00118	.01242	.00061	-.00911	.00227	-.00040	-.00044

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00124	-.00267	-.00961
SDev	.00491	.00296	.00519
%RSD	397.12	110.72	53.942
#1	.00224	-.00477	-.01328
#2	-.00471	-.00058	-.00595

008503

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008503

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008504

Method: DISS Sample Name: CCB 0510B Operator: WGL
Run Time: 06/02/94 13:29:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00125	.01811	-.00100	.00918	-.00013	.00035	-.01091
SDev	.00185	.00322	.00038	.00047	.00003	.00003	.00020
%RSD	148.16	17.772	38.189	5.1615	23.201	7.1794	1.8265
#1	.00256	.01583	-.00073	.00885	-.00015	.00036	-.01077
#2	-.00006	.02038	-.00127	.00952	-.00011	.00033	-.01105

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02149	-.00013	-.00036	.00049	-.00145	.00202	.09259
SDev	.00002	.00008	.00010	.00014	.00000	.00168	.01211
%RSD	.07144	64.488	28.284	28.284	.00524	83.131	13.081
#1	.02148	-.00007	-.00029	.00039	-.00145	.00083	H.10116
#2	.02150	-.00019	-.00043	.00058	-.00145	.00320	.08403

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.45139	-.00520	.17976	-.00013	.00325	.02444	.66214
SDev	.49709	.00024	.00000	.00004	.00029	.00174	.02863
%RSD	110.13	4.6214	.00000	33.546	8.8406	7.1326	4.3243
#1	.80288	-.00503	.17976	-.00010	.00345	.02567	.64190
#2	.09989	-.00537	.17976	-.00016	.00305	.02321	.68239

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00068	-.00100	.00079	-.00492	-.01260	-.02695	-.00099
SDev	.00042	.00089	.00191	.00238	.00027	.00057	.00301
%RSD	60.959	88.830	240.63	48.299	2.1075	2.1154	303.05
#1	-.00098	-.00163	-.00056	L-.00661	-.01241	-.02655	-.00312
#2	-.00039	-.00037	.00214	-.00324	-.01278	-.02735	.00114

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00010	.00773	.00030	-.00079	-.00271	-.00044	.00120
SDev	.00000	.00112	.00043	.00007	.00075	.00170	.00250
%RSD	.00043	14.424	140.58	8.9866	27.669	383.46	208.59
#1	-.00010	.00694	.00061	-.00074	-.00218	-.00165	-.00057
#2	-.00010	.00852	.00000	-.00084	-.00324	.00076	.00297

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00136	-.00586	-.00656
SDev	.00182	.00100	.00307
%RSD	134.13	17.109	46.758

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#1	-.00265	-.00657	-.00872
#2	-.00007	-.00515	-.00439

Method: DISS Sample Name: 941271D-007 Operator: WGL
Run Time: 06/02/94 13:30:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00167	.02426	.00046	.04151	.00637	.00045	S15.869
SDev	.00171	.00968	.00187	.00085	.00014	.00002	.002
%RSD	102.45	39.887	406.09	2.0547	2.2650	5.3131	.01110
#1	.00046	.03111	.00179	.04091	.00626	.00047	S15.868
#2	.00288	.01742	-.00086	.04212	.00647	.00043	S15.870

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	105.08	.02884	.00181	.00194	-.00275	1.4032	1.6376
SDev	.35	.00004	.00112	.00069	.00204	.0201	.0714
%RSD	.33718	.13749	62.225	35.355	74.300	1.4293	4.3579
#1	104.83	.02881	.00101	.00146	-.00131	1.3890	1.5871
#2	105.33	.02887	.00260	.00243	-.00419	1.4174	1.6880

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.0202	S180.19	47.160	.43813	.00305	H5.9715	6.9439
SDev	6.2377	.01	.266	.00051	.00000	.0727	.6080
%RSD	69.153	.00550	.56340	.11665	.00381	1.2171	8.7565
#1	L4.6094	S180.20	46.972	.43776	.00305	H5.9201	6.5139
#2	L13.431	S180.18	47.348	.43849	.00305	H6.0229	7.3738

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00530	.02258	.00381	.00513	5.5031	11.771	.01285
SDev	.00057	.00036	.00027	.00279	.0080	.017	.00030
%RSD	10.791	1.6122	7.1292	54.377	.14501	.14512	2.3440
#1	.00489	.02284	.00400	.00316	5.5088	11.783	.01263
#2	.00570	.02232	.00362	.00710	5.4975	11.759	.01306

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.21504	.00477	.00088	H8.3221	.02656	.02000	-.00378
SDev	.00053	.00054	.00064	.0025	.00042	.00076	.00080
%RSD	.24636	11.350	73.259	.02954	1.5991	3.7898	21.231
#1	.21542	.00439	.00042	H8.3204	.02686	.02053	-.00321
#2	.21467	.00516	.00134	H8.3239	.02626	.01946	-.00434

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00550	.01890	-.00384

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SDev	.00001	.00538	.00150
%RSD	.12938	28.448	38.971
#1	.00551	.01510	-.00490
#2	.00550	.02270	-.00278

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Method: DISS Sample Name: 941271D-007 5 Operator: WGL
Run Time: 06/02/94 13:32:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00056	L-.05335	.00194	.01198	.00148	.00041	S23.904
SDev	.00110	.10128	.00083	.00256	.00038	.00009	11.877
%RSD	197.99	189.85	42.493	21.371	25.361	21.912	49.685
#1	.00022	.01827	.00136	.01379	.00122	.00047	S32.302
#2	-.00134	L-.12497	.00253	.01017	.00175	.00034	S15.506

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	20.958	.00416	-.00014	-.00068	L-.00869	L-.63999	L-10.948
SDev	.079	.00232	.00143	.00083	.00211	1.29116	16.047
%RSD	.37576	55.874	989.95	121.22	24.265	201.75	146.58
#1	20.903	.00580	.00087	-.00010	L-.00720	.27300	.39919
#2	21.014	.00251	-.00116	-.00126	L-.01018	L-1.5530	L-22.295

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L11.998	H8.2784	9.7411	.08818	.00000	1.1299	2.9742
SDev	4.546	.6828	.0253	.00009	.00086	.0099	.5695
%RSD	37.889	8.2479	.25940	.09952	134380.	.87632	19.147
#1	L15.213	H8.7612	9.7590	.08811	.00061	1.1369	3.3769
#2	L8.7836	H7.7956	9.7232	.08824	-.00061	1.1229	2.5716

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00640	.00366	.00336	.00251	.94590	2.0234	.00057
SDev	.00963	.00090	.00113	.00400	.19446	.4158	.00040
%RSD	150.51	24.519	33.516	159.34	20.558	20.548	70.711
#1	.00041	.00430	.00416	-.00032	1.0834	2.3174	.00085
#2	-.01321	.00303	.00256	.00535	.80840	1.7294	.00028

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04279	.00541	.00025	1.7005	.00440	.00270	.00406
SDev	.00021	.00499	.00268	.0076	.00378	.00097	.00392
%RSD	.48105	92.163	1087.8	.44843	85.939	35.804	96.422
#1	.04265	.00894	.00214	1.6951	.00707	.00201	.00129
#2	.04294	.00189	-.00165	1.7059	.00173	.00338	.00683

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00091	.00513	-.00089
SDev	.00364	.00498	.00352
%RSD	400.56	96.939	393.81
#1	.00349	.00161	-.00338
#2	-.00167	.00865	.00159

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Method: DISS Sample Name: 941271D-008 Operator: WGL
Run Time: 06/02/94 13:33:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00631	2.4608	.00919	k-.08663	L-.02721	.00286	S-.01562
SDev	.00439	.1186	.00246	.00872	.00037	.00014	.00058
%RSD	69.546	4.8183	26.825	10.062	1.3426	5.0355	3.7412
#1	.00942	2.3770	.01093	k-.08047	L-.02695	.00296	S-.01521
#2	.00321	2.5447	.00744	k-.09280	L-.02747	.00276	S-.01603

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H374.11	.20120	.32541	.02154	k.05840	H627.83	28.957
SDev	3.71	.00183	.00696	.00296	.00163	8.32	28.175
%RSD	.99040	.90952	2.1380	13.727	2.7840	1.3260	97.298
#1	H376.73	.19990	.33033	.02363	k.05725	H633.72	9.0346
#2	H371.49	.20249	.32049	.01945	k.05955	H621.95	H48.880

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	k43.533	S178.11	H345.17	S487.95	-.00988	S72.768	k29.808
SDev	20.889	.92	2.15	.01	.00474	.000	1.969
%RSD	47.983	.51529	.62158	.00269	47.983	.00008	6.6068
#1	k28.763	S177.46	H346.69	S487.96	-.00653	S72.768	k28.415
#2	k58.304	S178.76	H343.65	S487.94	L-.01323	S72.768	k31.201

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.40481	k.50269	k-.05333	k-.19825	17.230	36.775	.00334
SDev	.00603	.00390	.00295	.00029	.167	.356	.00873
%RSD	1.4899	.77618	5.5380	.14642	.96849	.96759	261.78
#1	.40055	k.50545	k-.05542	k-.19804	17.348	37.027	.00951
#2	.40908	k.49993	k-.05124	k-.19845	17.112	36.523	-.00284

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.54128	.07685	-.00038	k76.257	.49442	k.50592	k-.00290
SDev	.01498	.01415	.00499	1.856	.02972	.00899	.02439
%RSD	2.7675	18.413	1297.3	2.4343	6.0108	1.7764	840.53

#1	.55187	.08686	.00314	k74.945	.51544	k.49957	k-.02014
#2	.53069	.06684	-.00391	k77.570	.47341	k.51228	k.01434

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	k-.08060	k-.24268	k-.17817
SDev	.00775	.02515	.01212
%RSD	9.6117	10.364	6.8037
#1	k-.07512	k-.22489	k-.18674
#2	k-.08608	k-.26046	k-.16959

008508

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ORIGINAL

Method: DISS Sample Name: 941271D-008 SO Operator: WGL
Run Time: 06/02/94 13:35:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00141	.06154	.00267	.00234	-.00087	.00043	S32.380
SDev	.00385	.00116	.00110	.00302	.00038	.00005	.000
%RSD	272.42	1.8922	40.987	128.91	43.181	12.243	.00093
#1	-.00413	.06236	.00345	.00021	-.00118	.00040	S32.380
#2	.00131	.06071	.00190	.00448	-.00060	.00047	S32.380

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	8.0460	.00472	.00579	-.00049	L-.00705	H14.314	.31598
SDev	.0894	.00009	.00205	.00275	.00206	.144	.02504
%RSD	1.1117	1.7980	35.355	565.69	29.241	1.0029	7.9234
#1	7.9828	.00466	.00434	-.00243	L-.00851	H14.213	.29828
#2	8.1092	.00478	.00723	.00146	L-.00559	H14.416	.33368

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	29.411	H6.9480	7.8574	5.6047	-.00274	.31776	4.0610
SDev	2.191	.0681	.0750	.0607	.00215	.00061	.0318
%RSD	7.4510	.97991	.95502	1.0839	78.547	.19099	.78392
#1	30.961	H6.8998	7.8044	5.5618	-.00427	.31819	4.0836
#2	27.862	H6.9961	7.9105	5.6477	-.00122	.31733	4.0385

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00766	.01097	-.00164	-.00238	.36214	.77277	-.00383
SDev	.00079	.00098	.00032	.00278	.00422	.00897	.00402
%RSD	10.312	8.9023	19.612	117.13	1.1664	1.1613	104.76
#1	.00711	.01166	-.00187	-.00435	.35915	.76643	-.00667
#2	.00822	.01027	-.00141	-.00041	.36512	.77912	-.00099

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01196	.00543	-.00151	4.1804	.00897	.01166	-.00116

SDev	.00031	.00670	.00216	.0534	.00026	.00134	.00161
%RSD	2.5877	123.44	143.30	1.2775	2.8589	11.454	138.28
#1	.01175	.00069	-.00303	4.1426	.00916	.01260	-.00003
#2	.01218	.01017	.00002	4.2182	.00879	.01071	-.00230

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00398	-.00398	-.00367
SDev	.00128	.00601	.00117
%RSD	32.255	150.99	31.908
#1	-.00489	-.00823	-.00450
#2	-.00307	.00027	-.00285

008509

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ORIGINAL

Method: DISS Sample Name: 941271D-009 Operator: WGL
Run Time: 06/02/94 13:37:08
omment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00199	k.06610	-.00157	k-.07811	-.00908	k.00058	S-.01481
SDev	.00559	.00353	.00119	.00370	.00069	.00013	.00008
%RSD	280.73	5.3368	75.641	4.7316	7.6470	22.218	.53988
#1	.00594	k.06859	-.00241	k-.07549	-.00859	k.00067	S-.01475
#2	-.00196	k.06360	-.00073	k-.08072	-.00957	k.00049	S-.01487

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	224.39	.06749	.09810	.01123	k.07136	k47.018	k4.1593
SDev	3.05	.00036	.00266	.00337	.00406	.611	.1024
%RSD	1.3576	.53118	2.7116	29.998	5.6880	1.2992	2.4617
#1	222.24	.06723	.09998	.01361	k.07423	k46.586	4.2317
#2	226.55	.06774	.09622	.00885	k.06849	k47.450	k4.0869

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	k37.142	S179.56	113.12	S488.42	k-.00081	H7.1715	k13.828
SDev	2.781	.02	1.72	.00	.00488	.1224	.469
%RSD	7.4875	.01003	1.5197	.00096	600.45	1.7073	3.3919
#1	k35.175	S179.58	111.90	S488.42	k.00264	H7.0850	k13.496
#2	k39.108	S179.55	114.33	S488.41	-.00427	H7.2581	k14.159

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09483	k.30588	k-.04277	k-.33817	k8.1795	k17.490	.00050
SDev	.00130	.00761	.00086	.00029	.0981	.210	.00632
%RSD	1.3722	2.4867	2.0051	.08697	1.1999	1.2001	1272.8
#1	.09575	k.30050	k-.04216	k-.33838	k8.1101	k17.341	.00497
#2	.09391	k.31126	k-.04338	k-.33797	k8.2489	k17.638	-.00397

008509

8509

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st.
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.33347	k.03610	k-.00610	k45.114	k.32428	k.29609	k-.01106
SDev	.00279	.01007	.00316	.489	.00136	.01166	.01056
%RSD	.83791	27.895	51.852	1.0844	.41809	3.9368	95.536
#1	.33149	k.04322	k-.00386	k44.768	k.32524	k.28785	k-.01853
#2	.33545	k.02898	k-.00834	k45.459	k.32332	k.30434	k-.00359

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	k-.06055	k-.40655	k-.30614
SDev	.00677	.00431	.00259
%RSD	11.183	1.0608	.84734
#1	k-.05576	k-.40350	k-.30797
#2	k-.06534	k-.40960	k-.30430

008510

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ORIGINAL

Method: DISS Sample Name: 941271D-009 20 Operator: WGL
Run Time: 06/02/94 13:39:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00184	.01349	-.00282	.00683	-.00061	.00061	S32.372
SDev	.00195	.00095	.00223	.00068	.00016	.00020	.017
%RSD	106.07	7.0179	78.980	9.8796	26.870	33.612	.05382
#1	.00322	.01416	-.00124	.00731	-.00049	.00075	S32.384
#2	.00046	.01282	-.00439	.00636	-.00072	.00046	S32.359

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	11.068	.00350	.00673	.00267	L-.00935	2.4480	.21234
SDev	.166	.00016	.00215	.00296	.00000	.0612	.00058
%RSD	1.4992	4.7094	31.934	110.57	.04634	2.4983	.27135
#1	10.951	.00362	.00825	.00477	L-.00935	2.4912	.21274
#2	11.186	.00338	.00521	.00058	L-.00934	2.4047	.21193

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	59.263	5.2689	6.1172	4.0064	.00396	.40317	7.2497
SDev	.881	.0788	.0796	.0456	.00503	.01022	.0592
%RSD	1.4869	1.4963	1.3018	1.1384	126.92	2.5341	.81606
#1	58.640	5.2131	6.0609	3.9742	.00751	.39594	7.2078
#2	59.886	5.3246	6.1735	4.0387	.00041	.41039	7.2915

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00479	.01550	.00279	-.00004	.37783	.80783	.00114
SDev	.00142	.00123	.00257	.00264	.00638	.01370	.00863
%RSD	29.657	7.9614	92.085	6791.6	1.6889	1.6963	760.14

#1	.00579	.01637	.00461	.00183	.37332	.79814	.00724
#2	.00378	.01463	.00097	-.00191	.38235	.81752	-.00497

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01651	.02314	.00188	2.9709	.01642	.01474	.00011
SDev	.00006	.02081	.00450	.0270	.00145	.00258	.00140
%RSD	.39235	89.918	239.75	.90892	8.8597	17.474	1288.1
#1	.01647	.03785	.00506	2.9518	.01539	.01656	.00110
#2	.01656	.00843	-.00131	2.9900	.01744	.01292	-.00088

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00203	.00614	-.00522
SDev	.00315	.00297	.00248
%RSD	155.26	48.307	47.583
#1	.00426	.00823	-.00346
#2	-.00020	.00404	-.00698

008511

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ORIGINAL

Method: DI8S Sample Name: 941271D-010 Operator: WGL
Run Time: 06/02/94 13:40:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00295	.03319	.00082	.04054	.00658	.00058	S15.848
SDev	.00001	.00426	.00000	.00104	.00001	.00000	.001
%RSD	.35622	12.846	.03603	2.5640	.07685	.39074	.00552
#1	.00296	.03017	.00082	.04127	.00658	.00057	S15.848
#2	.00294	.03620	.00082	.03980	.00657	.00058	S15.847

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	111.38	-.00029	.00333	.00282	L-.00535	H20.035	4.4268
SDev	.05	.00011	.00020	.00082	.00000	.037	.2487
%RSD	.04911	39.049	6.1488	29.260	.07476	.18717	5.6176
#1	111.34	-.00021	.00347	.00224	L-.00535	H20.061	4.2510
#2	111.42	-.00037	.00318	.00340	L-.00536	H20.008	4.6027

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	83.126	S180.18	46.330	5.3753	.00751	S72.772	18.098
SDev	8.191	.00	.152	.0131	.00086	.000	1.008
%RSD	9.8539	.00241	.32724	.24446	11.468	.00001	5.5697
#1	77.334	S180.18	46.223	5.3846	.00812	S72.772	17.385
#2	88.918	S180.17	46.437	5.3660	.00690	S72.772	18.810

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01242	-.00060	.00668	.00037	3.9812	8.5131	.00412

SDev	.00020	.00163	.00109	.00071	.0135	.0290	.00201
%RSD	1.6074	272.84	16.230	193.15	.34014	.34035	48.766
#1	.01228	-.00175	.00592	.00087	3.9908	8.5336	.00554
#2	.01256	.00055	.00745	-.00014	3.9716	8.4926	.00270

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.22373	.00965	.00171	.00675	.00475	-.00416	-.00145
SDev	.00113	.00219	.00085	.00022	.00263	.00375	.00576
%RSD	.50430	22.748	49.930	3.2117	55.414	90.153	396.87
#1	.22453	.01120	.00111	.00691	.00661	-.00682	-.00553
#2	.22293	.00810	.00231	.00660	.00289	-.00151	.00262

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00865	.01116	-.00712
SDev	.00125	.00309	.00047
%RSD	14.466	27.668	6.6231
#1	.00953	.01334	-.00745
#2	.00776	.00898	-.00678

008512

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ORIGINAL

Method: DISS Sample Name: 941271D-011 50 Operator: WGL
Run Time: 06/02/94 13:44:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00130	.05572	.00034	-.00475	-.00056	.00052	S32.375
SDev	.00129	.00530	.00021	.00077	.00006	.00002	.000
%RSD	99.399	9.5175	61.552	16.164	10.995	3.7229	.00021
#1	.00039	.05197	.00019	-.00529	-.00061	.00053	S32.375
#2	.00221	.05947	.00048	-.00420	-.00052	.00050	S32.375

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	8.5881	-.00012	.02330	.00481	-.00254	H21.937	.43054
SDev	.0332	.00006	.00082	.00062	.00204	.003	.08323
%RSD	.38612	44.656	3.5136	12.856	80.156	.01438	19.333
#1	8.6116	-.00008	.02272	.00438	-.00398	H21.939	.37168
#2	8.5647	-.00016	.02387	.00525	-.00110	H21.935	.48939

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	73.617	S180.16	48.050	H31.0691	-.00173	.68506	9.1154
SDev	6.353	.00	.245	.0351	.00158	.01582	.6013
%RSD	8.6301	.00100	.50995	.11287	91.469	2.3095	6.5969
#1	69.109	S180.16	48.223	H31.0932	-.00284	.69625	9.5406
#2	69.125	S180.16	47.877	H31.044	-.00061	.67387	8.6902

008512

8512

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00769	.00301	-.00318	L-.00746	.11641	.24610	-.00511
SDev	.00011	.00073	.00024	.00080	.00265	.00568	.00120
%RSD	1.3686	24.403	7.6785	10.742	2.2793	2.3098	23.570
#1	.00776	.00353	-.00335	L-.00690	.11828	.25012	-.00596
#2	.00762	.00249	-.00300	L-.00803	.11453	.24208	-.00426

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05529	.02450	-.00205	2.2968	.00214	.00314	.00259
SDev	.00011	.00120	.00214	.0029	.00064	.00142	.00054
%RSD	.18975	4.8886	104.21	.12414	29.714	45.097	20.929
#1	.05522	.02534	-.00356	2.2948	.00169	.00414	.00221
#2	.05537	.02365	-.00054	2.2988	.00258	.00214	.00297

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00800	-.00986	-.00837
SDev	.00012	.00400	.00320
%RSD	1.4622	40.564	38.219
#1	-.00792	-.01268	-.00611
#2	-.00809	-.00703	-.01063

008513

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ORIGINAL

Method: DISS Sample Name: 941271D-012 Operator: WGL
Run Time: 06/02/94 13:46:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00775	.03823	.00390	.03044	-.00287	.00071	S-.01624
SDev	.00016	.00017	.00064	.00134	.00020	.00005	.00022
%RSD	2.0339	.44499	16.318	4.3992	6.8559	7.1080	1.3829
#1	.00786	.03835	.00435	.02949	-.00273	.00075	S-.01608
#2	.00764	.03811	.00345	.03138	-.00301	.00067	S-.01640

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	184.23	.03906	.11727	.01191	.00402	H39.737	4.6634
SDev	1.49	.00023	.00072	.00034	.00006	.219	.2384
%RSD	.80797	.57737	.61071	2.8862	1.5978	.55102	5.1129
#1	183.18	.03890	.11677	.01216	.00397	H39.582	4.4948
#2	185.28	.03922	.11778	.01167	.00406	H39.891	4.8320

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	90.334	S179.60	108.38	H57.158	.00122	H7.3307	18.085
SDev	8.155	.01	1.17	.329	.00201	.1928	.869
%RSD	9.0277	.00779	1.0802	.57525	165.05	2.6298	4.8049

#1	84.568	S179.61	107.55	H56.925	.00264	H7.1944	17.470
#2	96.101	S179.59	109.21	H57.390	-.00020	H7.4671	18.699

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.08584	.73961	L-.00682	L-.00524	7.9498	16.999	.01036
SDev	.00116	.00528	.00056	.00141	.0435	.093	.00201
%RSD	1.3486	.71455	8.1928	26.881	.54755	.54759	19.373
#1	.08502	.73587	L-.00642	-.00424	7.9190	16.933	.01178
#2	.08666	.74335	L-.00721	L-.00624	7.9805	17.065	.00894

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.28246	.04257	.00008	H43.506	.71981	.74890	-.01620
SDev	.00043	.00057	.00084	.274	.00063	.00718	.00392
%RSD	.15126	1.3444	998.09	.62920	.08812	.95910	24.197
#1	.28216	.04217	.00068	H43.313	.71936	.74382	-.01898
#2	.28276	.04298	-.00051	H43.700	.72026	.75397	-.01343

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00408	.01147	-.01568
SDev	.00301	.00006	.00214
%RSD	73.741	.53239	13.662
#1	-.00195	.01143	-.01417
#2	-.00620	.01151	-.01720

Method: DISS Sample Name: 941271D-012 20 Operator: WGL
Run Time: 06/02/94 13:49:20
Comment:
Mode: CONC Corr. Factor: 1

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ORIGINAL

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00150	.03259	.00247	.00316	-.00158	.00073	S32.385
SDev	.00580	.00021	.00167	.00731	.00249	.00028	.007
%RSD	386.46	.64503	67.587	231.23	157.81	38.688	.02266
#1	.00560	.03245	.00365	.00833	.00018	.00093	S32.391
#2	-.00260	.03274	.00129	-.00201	-.00334	.00053	S32.380

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.1767	.00244	.00687	.00224	L-.00517	2.1100	L-1.0663
SDev	.1397	.00020	.00542	.00591	.00204	.0555	2.6063
%RSD	1.5220	8.1110	78.898	264.40	39.483	2.6305	244.41
#1	9.0779	.00258	.01071	.00642	-.00372	2.1493	.77658
#2	9.2754	.00230	.00304	-.00194	L-.00661	2.0708	L-2.9093

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	120.64	5.1313	6.1297	3.1479	.00294	.50239	13.647

SDev	5.98	.0689	.0452	.0438	.00847	.00277	.481
%RSD	4.9559	1.3433	.73703	1.3899	287.76	.55187	3.5245
#1	124.87	5.0826	6.0977	3.1169	.00894	.50436	13.987
#2	116.41	5.1801	6.1616	3.1788	-.00305	.50043	13.307

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00533	.03997	.00117	-.00185	.37495	.80171	.00419
SDev	.00123	.00204	.00142	.00007	.00210	.00459	.01355
%RSD	23.107	5.1173	121.11	3.7453	.56027	.57272	323.59
#1	.00620	.03852	.00217	-.00180	.37346	.79846	.01377
#2	.00446	.04141	.00017	-.00189	.37643	.80495	-.00539

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01402	.01955	.00306	2.7074	.02426	.04691	.01698
SDev	.00007	.02028	.00750	.0323	.00949	.00781	.00313
%RSD	.52200	103.72	245.39	1.1939	39.130	16.642	18.401
#1	.01407	.03389	.00836	2.6845	.03098	.04139	.01477
#2	.01397	.00521	-.00225	2.7302	.01755	.05242	.01919

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00883	-.01614	.00319
SDev	.00368	.00720	.00349
%RSD	41.716	44.589	109.29
#1	-.00622	-.01105	.00073
#2	-.01143	-.02123	.00566

Method: DISS Sample Name: CCV 0511G Operator: WGL
Run Time: 06/02/94 13:50:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00108	10.605	2.3909	2.6082	4.8549	2.5921	.93023
SDev	.00013	.006	.0115	.0017	.0030	.0012	.00109
%RSD	11.624	.05632	.48256	.06597	.06196	.04685	.11702
#1	.00117	10.600	2.3827	2.6070	4.8570	2.5912	.93100
#2	.00100	10.609	2.3991	2.6094	4.8527	2.5929	.92946

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1825	1.0865	2.5447	2.5906	2.4455	5.2550	10.813
SDev	.0000	.0004	.0003	.0014	.0000	.0008	.031
%RSD	.00000	.03840	.01206	.05574	.00001	.01605	.29042
#1	1.1825	1.0862	2.5445	2.5916	2.4455	5.2544	10.791
#2	1.1825	1.0868	2.5450	2.5896	2.4455	5.2556	10.835

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Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	107.40	2.7457	3.5416	5.2108	2.5452	1.0164	11.916
SDev	.07	.0014	.0038	.0007	.0085	.0016	.044
%RSD	.06201	.05082	.10810	.01409	.33239	.15989	.37335
#1	107.44	2.7467	3.5443	5.2114	2.5392	1.0175	11.884
#2	107.35	2.7447	3.5389	5.2103	2.5511	1.0152	11.947

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.6243	1.0782	2.4488	2.3743	26.661	56.989	Q2.8089
SDev	.0055	.0005	.0127	.0072	.009	.019	.0024
%RSD	.20777	.04218	.51762	.30434	.03302	.03308	.08576
#1	2.6282	1.0786	2.4578	2.3794	26.655	56.975	Q2.8072
#2	2.6205	1.0779	2.4398	2.3692	26.668	57.002	Q2.8106

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.8540	1.0484	2.5719	2.5590	1.0278	1.1031	2.4415
SDev	.0028	.0047	.0011	.0048	.0023	.0005	.0038
%RSD	.05678	.44647	.04242	.18716	.22850	.04447	.15739
#1	4.8560	1.0517	2.5727	2.5557	1.0294	1.1028	2.4387
#2	4.8521	1.0451	2.5711	2.5624	1.0261	1.1035	2.4442

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.4504	2.3154	2.4016
SDev	.0209	.0016	.0116
%RSD	.85383	.06889	.48425
#1	2.4652	2.3143	2.4099
#2	2.4356	2.3165	2.3934

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Method: DISS Sample Name: CCV 0511J Operator: WGL
Run Time: 06/02/94 13:53:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4282	.01106	.00148	.03027	-.00945	.00142	S15.865
SDev	.0505	.00172	.00055	.01528	.00014	.00117	.004
%RSD	2.0807	15.557	36.881	50.484	1.4975	82.515	.02632
#1	2.4639	.01228	.00186	.04108	-.00955	.00225	S15.862
#2	2.3924	.00985	.00109	.01947	-.00935	.00059	S15.868

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	102.99	-.00017	-.00087	.00029	-.00578	-.01186	S-.31489
SDev	.89	.00012	.00164	.00096	.00204	.01962	.00002
%RSD	.86799	68.079	188.56	329.98	35.359	165.42	.00727

#1	103.62	-.00026	.00029	.00097	-.00434	.00201	S-.31491
#2	102.36	-.00009	-.00203	-.00039	-.00723	-.02573	S-.31488

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q114.88	S179.60	104.32	-.00179	.02032	S53.653	53.840
SDev	4.48	.00	1.00	.00023	.01502	.000	.990
%RSD	3.9011	.00142	.95912	12.638	73.942	.00004	1.8396
#1	Q118.05	S179.60	105.03	-.00163	.03094	S53.653	54.541
#2	Q111.71	S179.61	103.62	-.00195	.00969	S53.653	53.140

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00071	.00057	.00143	-.00248	.11278	.24122	-.00128
SDev	.00111	.00031	.00071	.00261	.10880	.23270	.00502
%RSD	155.85	55.233	49.746	105.38	96.473	96.467	392.84
#1	.00150	.00079	.00093	-.00432	.18971	.40577	.00227
#2	-.00007	.00034	.00193	-.00063	.03584	.07668	-.00483

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00130	.01018	.00108	-.00897	-.00387	.00188	.01188
SDev	.00011	.00273	.00240	.00017	.00388	.00147	.00540
%RSD	8.7710	26.846	222.67	1.9008	100.43	78.242	45.420
#1	-.00122	.01211	.00277	-.00885	-.00112	.00084	.00807
#2	-.00138	.00825	-.00062	-.00909	-.00661	.00292	.01570

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00559	-.01012	-.00061
SDev	.00163	.00674	.00707
%RSD	29.128	66.648	1154.6
#1	-.00444	-.00535	-.00561
#2	-.00674	-.01488	.00439

Method: DISS Sample Name: CCB 0510B Operator: WGL
Run Time: 06/02/94 13:57:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00007	.01055	-.00003	.00415	-.00015	.00065	-.01119
SDev	.00003	.00001	.00006	.00202	.00000	.00002	.00007
%RSD	47.140	.08055	188.17	48.766	.00033	3.7841	.66855
#1	.00004	.01055	-.00008	.00558	-.00015	.00066	-.01114
#2	.00009	.01054	.00001	.00272	-.00015	.00063	-.01125

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.07019	-.00004	-.00036	-.00000	-.00144	-.00618	H.15764

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SDev	.00001	.00018	.00010	.00041	.00000	.00166	.04550
%RSD	.00769	442.64	28.284	1418e6	.00477	26.806	28.863
#1	.07019	.00008	-.00029	-.00029	-.00144	-.00501	H.12547
#2	.07020	-.00016	-.00043	.00029	-.00144	-.00735	H.18981

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.4143	-.00534	.42757	-.00017	-.00021	.08213	.16975
SDev	.1672	.00022	.00075	.00009	.00000	.00047	.00755
%RSD	11.824	4.0900	.17438	51.217	.00005	.57789	4.4493
#1	1.5326	-.00519	.42704	-.00023	-.00021	.08246	.16441
#2	1.2961	-.00549	.42810	-.00011	-.00021	.08179	.17509

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00107	-.00071	.00082	-.00310	-.02590	.05540	-.00369
SDev	.00002	.00092	.00203	.00762	.00248	.00530	.00080
%RSD	2.2925	128.75	247.84	245.86	9.5859	9.5749	21.757
#1	-.00109	-.00006	.00225	.00229	-.02766	-.05915	-.00426
#2	-.00105	-.00136	-.00062	L-.00849	-.02415	-.05165	-.00312

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00008	.00810	-.00031	-.00062	-.00270	-.00002	.00445
SDev	.00003	.00539	.00044	.00007	.00015	.00145	.00307
%RSD	45.939	66.580	141.49	11.189	5.6481	6612.2	69.131
#1	-.00010	H.01191	-.00062	-.00067	-.00280	.00100	.00662
#2	-.00005	.00429	.00000	-.00057	-.00259	-.00105	.00227

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00309	-.00486	-.00417
SDev	.00150	.00178	.01210
%RSD	48.636	36.526	290.31
#1	-.00203	-.00612	.00439
#2	-.00416	-.00361	-.01273

Method: DISS Sample Name: 941271D-013 Operator: WGL
Run Time: 06/02/94 14:01:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00774	H68.560	.00511	k-.13069	-.00480	.02815	S-.02181
SDev	.00017	.338	.00064	.00091	.00014	.00030	.00000
%RSD	2.1715	.48985	12.426	.69469	2.9152	1.0653	.01051
#1	.00762	H68.797	.00466	k-.13005	-.00470	.02836	S-.02181
#2	.00786	H68.322	.00556	k-.13133	-.00490	.02794	S-.02181

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	135.17	.15692	.17334	.06078	k2.0345	H841.97	L-.77584
SDev	1.04	.00137	.00082	.00124	.0228	6.45	.15731
%RSD	.76918	.87246	.47219	2.0365	1.1193	.76563	20.276
#1	135.90	.15595	.17392	.06165	k2.0506	H846.52	L-.66460
#2	134.43	.15788	.17276	.05990	k2.0184	H837.41	L-.88707

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	k-22.672	S175.24	H660.30	S487.65	L-.01165	S53.643	k16.172
SDev	1.599	.57	5.53	.01	.00248	.000	.052
%RSD	7.0522	.32707	.83684	.00245	21.246	.00012	.32090
#1	k-23.802	S174.83	H664.20	S487.66	-.00990	S53.643	k16.208
#2	k-21.541	S175.64	H656.39	S487.64	L-.01340	S53.643	k16.135

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.29101	k.04141	k-.04678	k-.11347	38.361	81.945	-.03471
SDev	.00533	.00170	.00423	.00169	.268	.573	.00090
%RSD	1.8330	4.1020	9.0515	1.4912	.69963	.69952	2.6028
#1	.28723	k.04261	k-.04978	k-.11227	38.551	82.350	-.03535
#2	.29478	k.04021	k-.04379	k-.11467	38.171	81.539	-.03407

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.29378	.23505	.01545	k76.879	.03977	k.04133	k.01067
SDev	.00290	.01507	.00490	.049	.00133	.00188	.00309
%RSD	.98753	6.4096	31.723	.06400	3.3368	4.5589	29.001
#1	.29584	.24570	.01891	k76.914	.04071	k.04267	k.01286
#2	.29173	.22439	.01198	k76.844	.03883	k.04000	k.00848

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	k-.07742	k-.15269	k-.09598
SDev	.00768	.00070	.00219
%RSD	9.9223	.45566	2.2811
#1	k-.08285	k-.15220	k-.09444
#2	k-.07199	k-.15319	k-.09753

Method: DISS Sample Name: 941271D-013 5 Operator: WGL
Run Time: 06/02/94 14:02:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00155	15.537	.00261	k-.12100	-.00100	.00663	S24.176
SDev	.00073	.082	.00167	.00111	.00029	.00001	11.411
%RSD	47.594	.52509	64.015	.91835	28.517	.07627	47.198

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#1	.00103	15.479	.00143	k-.12021	-.00120	.00663	S32.245
#2	.00207	15.595	.00378	k-.12178	-.00080	.00664	S16.108

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	29.573	.03450	.03740	.01420	k.49532	H185.39	.03937
SDev	.098	.00044	.00092	.00055	.00206	.36	.09612
%RSD	.33259	1.2701	2.4619	3.8746	.41537	.19449	244.15
#1	29.504	.03419	.03675	.01381	k.49386	H185.14	-.02860
#2	29.643	.03481	.03805	.01459	k.49677	H185.65	.10734

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	k-19.160	S179.22	143.03	S488.39	-.00390	1.6450	k2.3034
SDev	.266	.02	.14	.01	.00175	.0076	.0127
%RSD	1.3892	.00907	.09540	.00172	44.912	.46216	.55214
#1	k-18.972	S179.21	142.93	S488.39	-.00266	1.6396	k2.3124
#2	k-19.348	S179.23	143.13	S488.38	-.00514	1.6503	k2.2944

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	Si02	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06417	k-.01135	k-.04552	k-.33467	8.3634	17.865	-.00617
SDev	.00202	.00140	.00208	.00095	.0225	.048	.00211
%RSD	3.1564	12.299	4.5669	.28304	.26852	.26857	34.136
#1	.06274	k-.01037	k-.04405	k-.33400	8.3475	17.831	-.00767
#2	.06560	k-.01234	k-.04699	k-.33534	8.3793	17.899	-.00468

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06390	.06578	.00503	k32.806	.00664	k-.02094	k.00477
SDev	.00026	.00604	.00171	.000	.00189	.00261	.00590
%RSD	.40272	9.1804	33.935	.00002	28.470	12.482	123.59
#1	.06372	.07005	.00624	k32.806	.00530	k-.01909	k.00894
#2	.06408	.06151	.00382	k32.806	.00798	k-.02278	k.00060

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	k-.07273	k-.41510	k-.29662
SDev	.00017	.00100	.00092
%RSD	.23632	.24069	.31063
#1	k-.07261	k-.41439	k-.29597
#2	k-.07285	k-.41581	k-.29727

Method: DISS Sample Name: 941271D-013 5 Operator: WGL
Run Time: 06/02/94 14:02:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	.00155	15.537	.00261	k-.12100	-.00100	.00663	S24.176

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SDev	.00073	.082	.00167	.00111	.00029	.00001	11.411
%RSD	47.594	.52509	64.015	.91835	28.517	.07627	47.198
#1	.00103	15.479	.00143	k-.12021	-.00120	.00663	S32.245
#2	.00207	15.595	.00378	k-.12178	-.00080	.00664	S16.108

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	29.573	.03450	.03740	.01420	k.49532	H185.39	.03937
SDev	.098	.00044	.00092	.00055	.00206	.36	.09612
%RSD	.33259	1.2701	2.4619	3.8746	.41537	.19449	244.15
#1	29.504	.03419	.03675	.01381	k.49386	H185.14	-.02860
#2	29.643	.03481	.03805	.01459	k.49677	H185.65	.10734

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	k-19.160	S179.22	143.03	S488.39	-.00390	1.6450	k2.3034
SDev	.266	.02	.14	.01	.00175	.0076	.0127
%RSD	1.3892	.00907	.09540	.00172	44.912	.46216	.55214
#1	k-18.972	S179.21	142.93	S488.39	-.00266	1.6396	k2.3124
#2	k-19.348	S179.23	143.13	S488.38	-.00514	1.6503	k2.2944

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06417	k-.01135	k-.04552	k-.33467	8.3634	17.865	-.00617
SDev	.00202	.00140	.00208	.00095	.0225	.048	.00211
%RSD	3.1564	12.299	4.5669	.28304	.26852	.26857	34.136
#1	.06274	k-.01037	k-.04405	k-.33400	8.3475	17.831	-.00767
#2	.06560	k-.01234	k-.04699	k-.33534	8.3793	17.899	-.00468

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06390	.06578	.00503	k32.806	.00664	k-.02094	k.00477
SDev	.00026	.00604	.00171	.000	.00189	.00261	.00590
%RSD	.40272	9.1804	33.935	.00002	28.470	12.482	123.59
#1	.06372	.07005	.00624	k32.806	.00530	k-.01909	k.00894
#2	.06408	.06151	.00382	k32.806	.00798	k-.02278	k.00060

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	k-.07273	k-.41510	k-.29662
SDev	.00017	.00100	.00092
%RSD	.23632	.24069	.31063
#1	k-.07261	k-.41439	k-.29597
#2	k-.07285	k-.41581	k-.29727

Method: DISS Sample Name: 941271D-013-25 Operator: WGL
Run Time: 06/02/94 14:04:36
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00173	3.2606	.00008	-.00055	-.00046	.00186	S32.396
SDev	.00054	.0278	.00162	.00079	.00036	.00002	.005
%RSD	30.955	.85404	2072.7	144.23	76.898	1.2802	.01696
#1	.00135	3.2409	.00122	-.00111	-.00021	.00187	S32.392
#2	.00211	3.2803	-.00107	.00001	-.00072	.00184	S32.400

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	6.1425	.00718	.00825	.00442	.08989	H38.279	.06290
SDev	.0266	.00010	.00000	.00034	.00002	.201	.11366
%RSD	.43279	1.3179	.00000	7.7704	.02443	.52505	180.69
#1	6.1237	.00711	.00825	.00418	.08987	H38.137	.14327
#2	6.1613	.00724	.00825	.00467	.08990	H38.421	-.01747

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-4.6757	S180.34	29.388	H17.512	-.00128	.38026	L.15421
SDev	.8741	.03	.063	.074	.00088	.00264	.04692
%RSD	18.695	.01938	.21565	.41993	68.570	.69478	30.424
#1	L-4.0576	S180.32	29.343	H17.460	-.00066	.37839	L.18739
#2	L-5.2938	S180.37	29.432	H17.564	-.00190	.38213	L.12104

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01276	.00211	.00283	-.00425	1.6944	3.6193	-.00220
SDev	.00037	.00046	.00283	.00589	.0231	.0493	.00311
%RSD	2.9066	21.733	99.917	138.55	1.3613	1.3623	141.42
#1	.01249	.00244	.00484	-.00009	1.6781	3.5844	-.00440
#2	.01302	.00179	.00083	L-.00842	1.7107	3.6541	.00000

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01297	.01584	.00157	H7.6747	.00051	.00201	.00943
SDev	.00007	.00299	.00063	.0219	.00010	.00064	.00370
%RSD	.52892	18.888	40.308	.28559	19.475	31.729	39.251
#1	.01292	.01796	.00202	H7.6592	.00058	.00247	.01205
#2	.01302	.01373	.00113	H7.6902	.00044	.00156	.00682

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00241	-.00562	-.00566
SDev	.00219	.00655	.01210
%RSD	90.724	116.54	213.66
#1	-.00086	-.01026	.00289
#2	-.00395	-.00099	-.01422

Method: DISS Sample Name: 941271D-013 250 Operator: WGL

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Run Time: 06/02/94 14:06:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00111	.29552	-.00001	.00433	-.00020	.00075	.42193
SDev	.00066	.00000	.00267	.00041	.00000	.00003	.00212
%RSD	59.796	.00093	23758.	9.3982	.04585	3.5040	.50276
#1	.00157	.29552	.00188	.00462	-.00020	.00077	.42043
#2	.00064	.29552	-.00190	.00404	-.00020	.00073	.42343

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.59967	.00065	.00130	.00122	.01629	3.3463	.15434
SDev	.00100	.00015	.00020	.00076	.00000	.0174	.00391
%RSD	.16661	23.081	15.713	62.225	.01285	.51958	2.5312
#1	L.59896	.00076	.00145	.00175	.01629	3.3340	.15157
#2	L.60037	.00055	.00116	.00068	.01630	3.3586	.15710

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-4.7052	2.3538	L2.9387	1.5694	-.00000	.10086	L-.36193
SDev	.4109	.0081	.0179	.0076	.00029	.00039	.05657
%RSD	8.7338	.34411	.60892	.48175	8225.9	.38881	15.631
#1	L-4.4146	2.3481	L2.9260	1.5640	-.00021	.10058	L-.32193
#2	L-4.9958	2.3595	L2.9514	1.5747	.00020	.10113	L-.40193

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00104	-.00075	.00210	L-.00808	.12070	.25772	.00050
SDev	.00007	.00173	.00425	.00463	.00164	.00352	.00171
%RSD	6.5027	230.39	202.55	57.232	1.3589	1.3649	343.45
#1	.00108	-.00198	-.00091	L-.01135	.11954	.25523	.00170
#2	.00099	.00047	.00510	-.00481	.12186	.26021	-.00071

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00106	.00909	.00060	.68474	-.00063	-.00111	.00135
SDev	.00000	.00146	.00044	.00338	.00219	.00151	.00242
%RSD	.00258	16.118	73.162	.49351	345.08	135.59	179.55
#1	.00106	.01013	.00090	.68235	-.00218	-.00218	-.00036
#2	.00106	.00806	.00029	.68712	.00091	-.00005	.00306

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00037	-.00559	-.01142
SDev	.00516	.01075	.00157
%RSD	1383.9	192.09	13.749
#1	-.00328	-.01319	-.01254
#2	.00402	.00200	-.01031

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Method: DISS Sample Name: 941271D-014 Operator: WGL
Run Time: 06/02/94 14:35:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00353	.03017	.00191	.03646	.01762	.00069	S-.01454
SDev	.00281	.01009	.00396	.00172	.00004	.00008	.00013
%RSD	79.494	33.442	207.13	4.7287	.24310	11.757	.88932
#1	.00155	.02303	-.00089	.03524	.01765	.00063	S-.01445
#2	.00551	.03730	.00471	.03768	.01759	.00075	S-.01463

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	159.77	.02502	.00326	.00301	.00741	.65319	1.9285
SDev	2.09	.00021	.00133	.00137	.00000	.02427	.2788
%RSD	1.3077	.85016	40.855	45.620	.01458	3.7155	14.459
#1	161.25	.02487	.00232	.00204	.00741	.63603	1.7314
#2	158.29	.02517	.00420	.00399	.00741	.67035	2.1257

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	32.858	S180.34	27.012	1.0015	.00082	H3.5442	6.6327
SDev	4.663	.00	.307	.0142	.00088	.0151	.4795
%RSD	14.193	.00178	1.1372	1.4134	106.10	.42492	7.2290
#1	29.560	S180.34	27.230	1.0115	.00021	H3.5336	6.2937
#2	36.155	S180.34	26.795	.99151	.00144	H3.5548	6.9718

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00209	-.00010	.00448	-.00279	1.5778	3.3748	.00227
SDev	.00134	.00041	.00324	.00451	.0193	.0413	.00502
%RSD	64.048	426.74	72.457	161.83	1.2219	1.2227	220.97
#1	.00114	-.00039	.00677	.00040	1.5914	3.4039	-.00128
#2	.00303	.00020	.00218	L-.00598	1.5642	3.3456	.00582

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.20001	.01070	.00129	4.0486	.01595	-.00901	-.01820
SDev	.00275	.00265	.00175	.0658	.00142	.00133	.00595
%RSD	1.3755	24.744	134.92	1.6247	8.8977	14.744	32.658
#1	.20196	.00882	.00006	4.0951	.01695	-.00994	-.01400
#2	.19807	.01257	.00253	4.0021	.01494	-.00807	-.02241

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01370	.01934	-.01594
SDev	.00190	.00194	.00580
%RSD	13.837	10.044	36.387

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#1	.01504	.02071	-.01184
#2	.01236	.01797	-.02004

Method: DISS Sample Name: 941271D-014 MD Operator: WGL
Run Time: 06/02/94 14:37:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00286	.03833	.00363	.03359	.01803	.00073	S-.01508
SDev	.00201	.02202	.00330	.00253	.00019	.00008	.00025
%RSD	70.160	57.456	91.022	7.5248	1.0371	10.691	1.6812
#1	.00428	.02276	.00129	.03538	.01816	.00078	S-.01491
#2	.00144	.05390	.00597	.03181	.01790	.00067	S-.01526

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	162.73	.02589	.00297	.00272	.01174	.67853	2.5075
SDev	.85	.00041	.00194	.00234	.00204	.00887	.5894
%RSD	.52124	1.5722	65.537	85.863	17.370	1.3078	23.504
#1	163.33	.02560	.00434	.00438	.01030	.67225	2.0908
#2	162.13	.02617	.00159	.00107	.01318	.68480	2.9243

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	52.361	S180.33	27.759	1.0145	.00206	H3.8452	8.9969
SDev	9.008	.01	.013	.0090	.00321	.0910	1.0861
%RSD	17.204	.00342	.04835	.88975	155.61	2.3669	12.072
#1	45.991	S180.34	27.768	1.0209	.00433	H3.7808	8.2289
#2	58.731	S180.33	27.749	1.0082	-.00021	H3.9095	9.7649

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00193	.00028	.00485	-.00254	1.6060	3.4351	.00554
SDev	.00006	.00044	.00105	.00283	.0036	.0076	.00120
%RSD	3.0506	156.71	21.721	111.19	.22159	.22261	21.757
#1	.00197	-.00003	.00410	-.00054	1.6035	3.4297	.00639
#2	.00189	.00059	.00559	-.00454	1.6085	3.4405	.00468

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.20201	.01534	.00130	4.0918	-.01038	.00470	.01387
SDev	.00216	.00231	.00175	.0362	.02622	.01375	.03634
%RSD	1.0697	15.078	134.76	.88593	252.65	292.38	262.12
#1	.20354	.01698	.00253	4.1174	.00816	-.00502	-.01183
#2	.20049	.01370	.00006	4.0662	-.02892	.01443	.03956

Sb 2nd	Se 1st	Se 2nd
mg/L	mg/L	mg/L
-.00161	-.01308	.00062

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SDev	.01678	.03274	.01211
%RSD	1045.1	250.36	1950.9
#1	.01026	.01007	-.00794
#2	-.01347	-.03623	.00919

Method: DISS Sample Name: 941271D-015 Operator: WGL
Run Time: 06/02/94 14:42:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00747	H22.961	.01007	.02958	.02501	k.00677	S15.886
SDev	.00036	.021	.00281	.00095	.00001	.00005	.001
%RSD	4.7796	.09020	27.944	3.2066	.03865	.72283	.00745
#1	.00773	H22.946	.01206	.02891	.02502	k.00680	S15.887
#2	.00722	H22.976	.00808	.03025	.02500	k.00673	S15.885

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	96.445	.95785	.02771	.01104	1.8820	k80.473	2.4784
SDev	.743	.00867	.00051	.00007	.0225	.805	.0598
%RSD	.77020	.90561	1.8462	.62300	1.1970	1.0006	2.4125
#1	95.920	.95172	.02735	.01099	1.8661	k79.904	2.5207
#2	96.971	.96398	.02807	.01109	1.8980	k81.043	2.4361

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	k78.598	S179.66	91.808	k30.866	.01086	2.2366	k-22.796
SDev	5.198	.01	.676	.252	.00496	.0362	.458
%RSD	6.6129	.00306	.73660	.81777	45.653	1.6183	2.0094
#1	k82.273	S179.66	91.330	k30.688	.01437	2.2621	k-22.472
#2	k74.922	S179.65	92.286	k31.045	.00736	2.2110	k-23.120

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04084	k1.3183	k-.01008	k.00391	k11.239	k24.030	-.00007
SDev	.00040	.0159	.00045	.00160	.113	.243	.00090
%RSD	.98105	1.2036	4.4813	40.844	1.0095	1.0095	1272.8
#1	.04055	k1.3071	k-.01040	k.00278	k11.159	k23.859	-.00071
#2	.04112	k1.3296	k-.00976	k.00504	k11.320	k24.202	.00057

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.18381	k.03631	k.00241	S780.26	k1.2849	k1.3341	k-.01968
SDev	.00114	.00138	.00015	.02	.0111	.0183	.00431
%RSD	.62080	3.8146	6.1759	.00206	.86149	1.3689	21.879
#1	.18301	k.03533	k.00252	S780.27	k1.2771	k1.3212	k-.01664
#2	.18462	k.03728	k.00230	S780.25	k1.2928	k1.3470	k-.02273

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	k-.00723	k-.00064	k.00408
SDev	.00262	.01828	.00673
%RSD	36.161	2869.7	165.12
#1	k-.00908	k-.01356	k.00884
#2	k-.00538	k.01229	k-.00068

008527

Method: DISS Sample Name: 941271D-015 5 Operator: WGL
Run Time: 06/02/94 14:45:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00178	4.8810	.00229	.00835	.00521	.00190	S24.221
SDev	.00017	.0278	.00361	.00019	.00002	.00000	11.434
%RSD	9.4281	.56994	157.36	2.2586	.29324	.15652	47.209
#1	.00190	4.9007	.00484	.00849	.00520	.00190	S32.306
#2	.00166	4.8614	-.00026	.00822	.00522	.00190	S16.136

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	19.682	.19626	.00644	.00326	.38430	H16.625	.53516
SDev	.165	.00141	.00031	.00021	.00410	.140	.01112
%RSD	.83971	.71982	4.7670	6.3323	1.0662	.84070	2.0778
#1	19.799	.19726	.00666	.00340	.38719	H16.724	.54303
#2	19.565	.19526	.00622	.00311	.38140	H16.526	.52730

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	69.294	S180.40	19.282	6.6064	.00087	.52938	8.3990
SDev	.734	.00	.145	.0545	.00073	.00110	.1011
%RSD	1.0594	.00041	.75014	.82467	83.821	.20792	1.2043
#1	68.775	S180.40	19.385	6.6449	.00139	.53016	8.3274
#2	69.813	S180.39	19.180	6.5679	.00035	.52860	8.4705

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00751	.26883	.00048	-.00185	2.2711	4.8557	-.00043
SDev	.00022	.00118	.00244	.00373	.0192	.0411	.00060
%RSD	2.9795	.43889	508.74	201.57	.84676	.84672	141.42
#1	.00735	.26966	.00220	.00079	2.2847	4.8847	-.00085
#2	.00767	.26800	-.00124	-.00449	2.2575	4.8266	.00000

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03817	.01572	.00019	H22.229	.25649	.27439	.00111
SDev	.00036	.00083	.00001	.177	.00393	.00023	.00142
%RSD	.94336	5.2790	6.4860	.79649	1.5330	.08378	127.95

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#1	.03836	.01514	.00020	H22.354	.25927	.27455	.00011
#2	.03786	.01631	.00018	H22.104	.25371	.27423	.00211

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00193	-.00023	-.00476
SDev	.00436	.00916	.00102
%RSD	225.41	4023.9	21.413
#1	.00115	.00625	-.00404
#2	-.00502	-.00671	-.00548

008528

Method: DISS Sample Name: 941271D-015 25 Operator: WGL
Run Time: 06/02/94 14:46:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00033	1.0131	-.00098	.00396	.00098	.00088	S32.403
SDev	.00181	.0020	.00035	.00081	.00035	.00005	.000
%RSD	552.83	.19999	35.795	20.476	35.982	6.0722	.00106
#1	.00160	1.0116	-.00073	.00338	.00123	.00092	S32.403
#2	-.00095	1.0145	-.00122	.00453	.00073	.00084	S32.402

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.0382	.03883	.00137	.00088	.07398	3.3355	.25090
SDev	.0049	.00018	.00072	.00055	.00000	.0231	.07770
%RSD	.12198	.46558	52.103	62.854	.00205	.69356	30.968
#1	4.0417	.03896	.00138	.00126	.07398	3.3518	.30584
#2	4.0347	.03871	.00087	.00049	.07398	3.3191	.19596

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	72.700	3.6545	L4.4191	1.3371	.00102	.21538	7.8611
SDev	.138	.0020	.0045	.0022	.00058	.00042	.0906
%RSD	.18932	.05451	.10123	.16816	57.246	.19423	1.1528
#1	72.602	3.6559	L4.4223	1.3387	.00143	.21568	7.7970
#2	72.797	3.6531	L4.4160	1.3355	.00061	.21509	7.9251

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00047	.05422	.00148	-.00184	.42336	.90514	-.00305
SDev	.00058	.00192	.00028	.00316	.00220	.00469	.00010
%RSD	123.47	3.5341	18.961	171.80	.51950	.51849	3.2889
#1	.00088	.05557	.00128	.00039	.42492	.90845	-.00298
#2	.00006	.05286	.00168	-.00407	.42181	.90182	-.00312

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	.00754	.00568	-.00064	4.7555	.05272	.05436	.00183

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SDev	.00014	.00130	.00131	.0042	.00466	.00012	.00881
%RSD	1.8379	22.946	205.43	.08842	8.8445	.22179	480.65
#1	.00764	.00661	.00029	4.7585	.05602	.05445	-.00440
#2	.00744	.00476	-.00156	4.7525	.04942	.05428	.00807

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00079	-.00034	-.00468
SDev	.00398	.00884	.00032
%RSD	503.58	2596.6	6.8055
#1	.00202	.00591	-.00446
#2	-.00360	-.00659	-.00491

008529

Method: DISS Sample Name: 941271D-016 Operator: WGL
Run Time: 06/02/94 14:48:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00094	19.668	.01966	.02025	.02880	.00574	S15.987
SDev	.00106	.059	.00005	.00123	.00016	.00001	.001
%RSD	112.47	.29825	.24014	6.0733	.54762	.10915	.00604
#1	.00019	19.627	.01963	.02112	.02869	.00573	S15.986
#2	.00169	19.710	.01969	.01939	.02892	.00574	S15.988

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	64.418	.75012	.02286	.00856	1.3997	H93.830	2.1883
SDev	.208	.00279	.00041	.00000	.0021	.243	.2410
%RSD	.32215	.37139	1.7901	.00000	.14738	.25908	11.012
#1	64.271	.74815	.02257	.00856	1.3983	H93.658	2.0179
#2	64.564	.75209	.02315	.00856	1.4012	H94.002	2.3587

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	74.691	S179.90	67.031	H24.700	-.00116	1.7833	13.623
SDev	.422	.00	.234	.062	.00131	.0032	.052
%RSD	.56479	.00029	.34927	.25103	112.81	.17760	.38083
#1	74.393	S179.90	66.866	H24.656	-.00024	1.7810	13.660
#2	74.990	S179.90	67.197	H24.744	-.00209	1.7855	13.586

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03288	.18023	L-.01116	-.00314	9.2024	19.672	.00142
SDev	.00018	.00108	.00082	.00063	.0357	.076	.00040
%RSD	.55961	.59787	7.3102	20.133	.38813	.38821	28.284
#1	.03275	.17947	L-.01058	-.00270	9.1771	19.618	.00114
#2	.03301	.18099	L-.01174	-.00359	9.2276	19.726	.00170

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Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15602	.02751	.00277	H64.616	.16642	.18622	-.00870
SDev	.00013	.00194	.00002	.157	.00701	.00512	.00938
%RSD	.08524	7.0545	.74597	.24351	4.2136	2.7475	107.84
#1	.15592	.02888	.00276	H64.505	.17138	.18260	-.01533
#2	.15611	.02614	.00278	H64.728	.16146	.18984	-.00207

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.01449	-.01079	-.00143
SDev	.00591	.01721	.00764
%RSD	40.775	159.49	536.13
#1	-.01031	.00138	-.00683
#2	-.01866	-.02296	.00398

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ethod: DISS Sample Name: CCV 0511G Operator: WGL
Run Time: 06/02/94 14:50:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00141	10.562	2.3173	2.5655	5.0795	2.5598	.90685
SDev	.00036	.015	.0171	.0235	.0270	.0202	.00512
%RSD	25.307	.13750	.73731	.91743	.53194	.78828	.56480
#1	.00166	10.552	2.3294	2.5822	5.0986	2.5741	.91047
#2	.00116	10.572	2.3052	2.5489	5.0604	2.5456	.90323

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.2304	1.0723	2.5139	2.4854	2.5899	5.1964	Q14.166
SDev	.0069	.0055	.0216	.0196	.0135	.0146	5.248
%RSD	.56055	.51706	.85824	.79034	.52023	.28156	37.048
#1	1.2353	1.0763	2.5292	2.4993	2.5995	5.1861	10.455
#2	1.2255	1.0684	2.4987	2.4715	2.5804	5.2068	Q17.877

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	86.974	2.3934	3.6942	5.0401	2.5184	1.0377	9.1280
SDev	.137	.0125	.0201	.0355	.0175	.0047	.1709
%RSD	.15764	.52286	.54494	.70436	.69490	.45569	1.8724
#1	86.877	2.4022	3.7084	5.0652	2.5308	1.0411	9.0072
#2	87.071	2.3845	3.6800	5.0150	2.5060	1.0344	9.2489

Elem	Ni2316	Pb2204	Sb2068	Se1960	Sr12881	Si02	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5890	1.0837	2.3365	2.3056	26.305	56.227	Q2.8135
SDev	.0138	.0044	.0205	.0208	.097	.208	.0307
%RSD	.53280	.40632	.87707	.90216	.37040	.37011	1.0917

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#1	2.5988	1.0868	2.3509	2.3203	26.374	56.374	Q2.8352
#2	2.5793	1.0806	2.3220	2.2909	26.236	56.080	Q2.7917

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.9059	1.0444	2.5321	2.5645	1.0391	1.1053	2.3638
SDev	.0312	.0176	.0194	.0209	.0182	.0020	.0163
%RSD	.63659	1.6855	.76756	.81437	1.7488	.18519	.69075
#1	4.9280	1.0568	2.5459	2.5793	1.0520	1.1039	2.3523
#2	4.8838	1.0319	2.5184	2.5497	1.0263	1.1068	2.3754

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.3207	2.2554	2.3286
SDev	.0389	.0365	.0129
%RSD	1.6751	1.6201	.55580
#1	2.3482	2.2812	2.3377
#2	2.2932	2.2296	2.3194

Method: DISS Sample Name: CCV 0511J Operator: WGL
Run Time: 06/02/94 14:53:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.2522	-.01464	.00120	.01145	-.00889	.00071	S15.873
SDev	.0017	.00278	.00051	.00234	.00002	.00003	.003
%RSD	.07650	18.995	42.183	20.469	.19634	3.8351	.01744
#1	2.2510	-.01661	.00085	.01311	-.00887	.00070	S15.871
#2	2.2535	-.01267	.00156	.00979	-.00890	.00073	S15.875

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	102.24	-.00019	.00065	.00163	.00635	-.00230	S-.23912
SDev	.19	.00022	.00031	.00027	.00225	.00584	.00015
%RSD	.18468	117.37	47.140	16.638	35.361	253.83	.06272
#1	102.11	-.00034	.00087	.00144	.00794	-.00643	S-.23901
#2	102.37	-.00003	.00044	.00183	.00476	.00183	S-.23923

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q111.99	S149.52	104.71	-.00155	.00713	S42.758	54.869
SDev	.65	.00	.16	.00030	.00089	.000	.260
%RSD	.57805	.00147	.15380	19.560	12.479	.00001	.47363
#1	Q111.53	S149.52	104.60	-.00134	.00776	S42.758	54.685
#2	Q112.45	S149.52	104.83	-.00177	.00650	S42.758	Q55.053

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
[illegible]	-.00033	-.00099	.00062	-.00299	-.00953	-.02040	-.00135

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SDev	.00032	.00041	.00031	.00326	.00787	.01684	.00110
%RSD	97.682	41.866	50.460	109.22	82.616	82.540	81.876
#1	-.00056	-.00069	.00040	-.00530	-.00396	-.00850	-.00213
#2	-.00010	-.00128	.00084	-.00068	-.01509	-.03231	-.00057

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00105	.01081	.00016	-.00857	-.00230	-.00123	.00214
SDev	.00018	.00673	.00022	.00001	.00297	.00210	.00580
%RSD	17.535	62.317	138.57	.15682	128.96	171.46	271.55
#1	-.00092	.00604	.00000	-.00856	-.00441	.00026	-.00197
#2	-.00118	.01557	.00032	-.00858	-.00020	-.00271	.00624

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00193	-.00367	-.00445
SDev	.00243	.00146	.00417
%RSD	125.44	39.720	93.739
#1	-.00022	-.00471	-.00739
#2	-.00365	-.00264	-.00150

008532

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Method: DISS **Sample Name: CCB 0510B** **Operator: WGL**
Run Time: 06/02/94 14:56:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00105	-.00462	-.00013	.00467	-.00017	.00071	-.01095
SDev	.00023	.00933	.00669	.00213	.00076	.00003	.00010
%RSD	21.910	201.83	4969.2	45.621	452.80	3.4607	.93769
#1	.00122	-.01122	L-.00486	.00618	-.00071	.00073	-.01103
#2	.00089	.00198	H.00459	.00316	.00037	.00070	-.01088

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.12035	.00003	.00029	.00072	.00159	.00744	-.05145
SDev	.00002	.00008	.00020	.00020	.00449	.01589	.05109
%RSD	.01641	313.91	70.711	28.284	282.83	213.58	99.282
#1	.12036	-.00003	.00015	.00058	-.00159	-.00380	-.08758
#2	.12034	.00008	.00044	.00087	.00476	.01868	-.01533

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.88403	-.00426	-.00740	-.00006	.00063	.00022	.05656
SDev	.54257	.00006	.00075	.00021	.00119	.00023	.00327
%RSD	61.374	1.4907	10.102	362.16	188.56	104.78	5.7842
#1	-1.2677	-.00421	-.00793	-.00021	.00147	.00039	.05425
#2	-.50038	-.00430	-.00687	.00009	-.00021	.00006	.05888

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00026	-.00032	.00129	-.00499	-.02743	-.05868	.00234
SDev	.00069	.00049	.00282	.00215	.00562	.01201	.00151
%RSD	263.55	154.33	218.33	43.108	20.483	20.470	64.282
#1	-.00074	-.00066	-.00070	-.00347	-.03140	-.06718	.00341
#2	.00022	.00003	.00329	L-.00651	-.02346	-.05019	.00128

Elem	Sr4215	Tl1908	V 2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00010	.00482	-.00063	.00030	-.00104	-.00055	.00293
SDev	.00000	.00023	.00045	.00049	.00132	.00097	.00029
%RSD	.00052	4.8253	71.297	161.62	126.64	175.06	9.9472
#1	-.00010	.00466	-.00094	-.00004	-.00011	-.00124	.00314
#2	-.00010	.00499	-.00031	.00065	-.00198	.00013	.00273

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00148	-.00796	-.00561
SDev	.00416	.01025	.00189
%RSD	281.76	128.80	33.690
#1	-.00442	-.00071	-.00695
#2	.00147	-.01520	-.00427

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Method: DISS Sample Name: 941271D-016 20 Operator: WGL
Run Time: 06/02/94 15:00:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00078	1.0859	.00188	.00531	.00171	.00102	H3.5768
SDev	.00117	.0056	.00111	.00160	.00000	.00003	.0135
%RSD	149.50	.51299	59.305	30.094	.08472	2.8590	.37755
#1	.00160	1.0899	.00266	.00643	.00171	.00104	H3.5863
#2	-.00004	1.0820	.00109	.00418	.00171	.00100	H3.5672

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.5697	.04059	.00167	.00130	.08461	5.2036	.11198
SDev	.0157	.00001	.00010	.00034	.00000	.0351	.06451
%RSD	.43947	.03121	6.1488	26.189	.00314	.67512	57.607
#1	3.5808	.04060	.00160	.00154	.08461	5.2284	.15760
#2	3.5586	.04058	.00174	.00106	.08461	5.1787	.06637

Elem	Li4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.0246	12.9633	13.6870	1.3674	-.00148	.07064	L.63482
SDev	1.3296	.0195	.0247	.0056	.00059	.00219	.13772
%RSD	43.962	.65812	.66918	.40904	40.046	3.1026	21.694

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#1	L3.9648	2.9771	L3.7045	1.3712	-.00106	.07219	L.73220
#2	L2.0844	2.9495	L3.6696	1.3633	-.00190	.06909	L.53744

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00212	.00878	-.00061	-.00290	.47874	1.0233	-.00135
SDev	.00117	.00106	.00119	.00011	.00955	.0204	.00130
%RSD	55.284	12.080	194.13	3.8399	1.9944	1.9948	96.762
#1	.00294	.00953	.00023	-.00297	.48549	1.0378	-.00227
#2	.00129	.00803	-.00146	-.00282	.47198	1.0089	-.00043

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00857	.00939	-.00050	5.1751	.00439	.01067	.00524
SDev	.00000	.00488	.00090	.0246	.00398	.00358	.00737
%RSD	.00502	51.944	179.17	.47488	90.494	33.512	140.60
#1	.00857	.01283	.00013	5.1925	.00158	.01320	.01046
#2	.00857	.00594	-.00113	5.1577	.00721	.00814	.00003

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00564	-.00332	-.00478
SDev	.00189	.00916	.00441
%RSD	33.575	276.05	92.116
#1	-.00698	-.00979	-.00167
#2	-.00430	.00316	-.00790

008534

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Method: DISS Sample Name: 941271D-017 Operator: WGL
Run Time: 06/02/94 15:01:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00068	18.679	.01551	.02075	.03215	.00595	S15.982
SDev	.00123	.024	.00146	.00073	.00011	.00008	.014
%RSD	181.83	.12978	9.4246	3.5004	.33633	1.3397	.08759
#1	-.00019	18.696	.01448	.02127	.03223	.00589	S15.972
#2	.00155	18.661	.01655	.02024	.03208	.00600	S15.992

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	65.839	.77124	.02325	.00851	1.5676	H97.571	1.5720
SDev	.203	.00192	.00000	.00075	.0023	.230	.3729
%RSD	.30775	.24884	.00000	8.7889	.14472	.23574	23.718
#1	65.982	.77260	.02325	.00798	1.5692	H97.734	1.3084
#2	65.695	.76989	.02325	.00904	1.5660	H97.409	1.8357

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	-1.7889	S149.80	68.715	H24.974	-.00043	1.4246	5.0276

SDev	.0103	.02	.241	.077	.00148	.0033	.0752
%RSD	.57624	.01183	.35145	.30780	341.88	.23311	1.4952
#1	L-1.7816	S149.78	68.886	H25.028	-.00148	1.4270	4.9744
#2	L-1.7962	S149.81	68.544	H24.919	.00062	1.4223	5.0808

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	Si02	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03543	.18276	.00350	-.00160	9.6635	20.657	-.00277
SDev	.00012	.00138	.00148	.00449	.0148	.032	.00151
%RSD	.34398	.75554	42.180	280.71	.15324	.15325	54.393
#1	.03535	.18178	.00455	.00158	9.6739	20.680	-.00383
#2	.03552	.18374	.00246	-.00478	9.6530	20.635	-.00170

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.16483	.02778	.00469	H68.987	.17381	.18693	-.00115
SDev	.00051	.00717	.00110	.132	.00433	.00009	.00058
%RSD	.31204	25.825	23.368	.19123	2.4935	.05006	50.023
#1	.16520	.02270	.00392	H69.080	.17075	.18700	-.00075
#2	.16447	.03285	.00547	H68.893	.17688	.18686	-.00156

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00373	-.00063	-.00403
SDev	.00193	.00346	.00480
%RSD	51.691	549.31	118.94
#1	.00509	.00181	-.00064
#2	.00237	-.00307	-.00743

Method: DISS Sample Name: 941271D-017 20 Operator: WGL
Run Time: 06/02/94 15:04:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00007	1.0608	-.00002	.00441	.00142	.00098	H3.5433
SDev	.00044	.0000	.00262	.00096	.00003	.00003	.0073
%RSD	593.97	.00179	11613.	21.749	2.1781	2.7210	.20568
#1	-.00039	1.0609	-.00188	.00373	.00140	.00100	H3.5381
#2	.00024	1.0608	.00183	.00508	.00144	.00096	H3.5484

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.5351	.03988	.00153	.00048	.07825	5.1145	.00568
SDev	.0079	.00007	.00072	.00041	.00000	.0012	.03766
%RSD	.22326	.17577	47.140	84.853	.00057	.02427	663.49
#1	3.5295	.03993	.00102	.00077	.07825	5.1154	.03230
#2	3.5406	.03983	.00203	.00019	.07825	5.1136	-.02095

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Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-1.4959	2.9241	L3.6019	1.3529	-.00033	.06630	L.09875
SDev	.6383	.0039	.0030	.0032	.00252	.00124	.08814
%RSD	42.672	.13342	.08302	.23339	770.22	1.8759	89.251
#1	L-1.0445	2.9213	L3.5998	1.3507	-.00211	.06718	L.16107
#2	L-1.9472	2.9268	L3.6040	1.3552	.00146	.06542	L.03643

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00147	.00883	.00136	.00062	.46644	.99705	-.00170
SDev	.00006	.00068	.00254	.00256	.00281	.00601	.00221
%RSD	3.8160	7.6634	186.13	410.93	.60329	.60305	129.64
#1	.00151	.00931	.00316	-.00119	.46843	1.0013	-.00014
#2	.00143	.00836	-.00043	.00243	.46445	.99279	-.00326

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00850	.00657	.00012	5.1220	.00870	.00830	.00383
SDev	.00004	.00869	.00000	.0174	.00070	.00109	.00323
%RSD	.41938	132.21	.97784	.34027	8.0874	13.104	84.269
#1	.00847	.00043	.00012	5.1097	.00920	.00907	.00611
#2	.00852	.01272	.00012	5.1343	.00820	.00753	.00155

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00197	.00004	-.00118
SDev	.00219	.00123	.00322
%RSD	111.43	3416.7	271.88
#1	-.00042	-.00083	-.00346
#2	-.00352	.00090	.00109

008536

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Method: DISS Sample Name: 941271D-018 Operator: WGL
Run Time: 06/02/94 15:05:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00370	4.2918	.00110	.03173	.01940	.00219	S-.01444
SDev	.00309	.0158	.00249	.00129	.00017	.00003	.00024
%RSD	83.490	.36897	226.47	4.0743	.88465	1.4205	1.6748
#1	.00152	4.2806	-.00066	.03082	.01928	.00217	S-.01427
#2	.00588	4.3030	.00287	.03265	.01952	.00221	S-.01461

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	152.18	1.16563	.01468	.00543	.35989	H11.601	1.7251
SDev	.14	.00062	.00164	.00102	.00001	.035	.0578
%RSD	.09263	.37314	11.202	18.773	.00306	.30233	3.3480

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#1	152.28	.16607	.01351	.00471	.35990	H11.625	1.7659
#2	152.08	.16519	.01584	.00615	.35988	H11.576	1.6842

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.5499	S149.96	49.707	H13.386	.00268	H3.4428	4.9830
SDev	8.7520	.01	.140	.057	.00297	.0839	.8809
%RSD	91.645	.00560	.28128	.42722	110.87	2.4366	17.678
#1	L3.3613	S149.97	49.608	H13.426	.00058	H3.3834	4.3601
#2	L15.738	S149.96	49.806	H13.346	.00477	H3.5021	5.6059

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01660	.32586	.00107	.00116	4.0924	8.7521	.00241
SDev	.00039	.00232	.00110	.00104	.0205	.0439	.00321
%RSD	2.3344	.71297	102.67	89.569	.50093	.50116	133.10
#1	.01633	.32421	.00029	.00043	4.1069	8.7831	.00014
#2	.01687	.32750	.00185	.00189	4.0779	8.7211	.00468

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.20982	.02328	.00103	H24.276	.32779	.32459	-.01352
SDev	.00114	.00249	.00134	.050	.00434	.00132	.01203
%RSD	.54501	10.698	81.969	.20737	1.3239	.40562	88.990
#1	.21063	.02152	.00069	H24.312	.32473	.32366	-.00501
#2	.20901	.02504	.00258	H24.241	.33086	.32552	-.02203

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00626	.02049	-.01059
SDev	.00766	.00242	.00035
%RSD	122.33	11.827	3.2763
#1	.00085	.01877	-.01083
#2	.01168	.02220	-.01034

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Method: DISS Sample Name: 941271D-018 10 Operator: WGL
Run Time: 06/02/94 15:22:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03182	.44982	-.00093	.02706	.00200	.00078	S24.245
SDev	.00251	.00469	.00124	.00277	.00001	.00005	11.443
%RSD	7.8916	1.0430	133.52	10.244	.36413	6.7508	47.196
#1	.03359	.44650	-.00005	.02902	.00200	.00082	S32.336
#2	.03004	.45313	-.00181	.02510	.00199	.00074	S16.154

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	15.522	.01733	.00116	.00053	.03998	1.2367	.03209

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SDev	.079	.00026	.00020	.00007	.00000	.0113	.01361
%RSD	.50698	1.4786	17.678	12.856	.00135	.91377	42.414
#1	15.467	.01715	.00131	.00048	.03998	1.2447	.04172
#2	15.578	.01751	.00102	.00058	.03998	1.2287	.02247

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-62.008	3.9680	L4.8316	1.4514	.00964	.19396	L-6.4224
SDev	.244	.0235	.0090	.0068	.00386	.00134	.0181
%RSD	.39365	.59137	.18570	.47031	39.990	.68916	.28247
#1	L-61.835	3.9514	L4.8253	1.4466	.01237	.19302	L-6.4095
#2	L-62.181	3.9846	L4.8380	1.4562	.00692	.19491	L-6.4352

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00075	.03228	-.00237	L-.00866	.57382	1.2272	-.00085
SDev	.00069	.00059	.00447	.00601	.02895	.0619	.00321
%RSD	91.954	1.8267	188.75	69.458	5.0452	5.0458	377.12
#1	.00026	.03187	.00079	L-.01291	.59429	1.2710	.00142
#2	.00124	.03270	L-.00552	-.00440	.55335	1.1835	-.00312

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02219	.00863	-.00021	2.8293	.03058	.03253	.00060
SDev	.00007	.00049	.00000	.0097	.00269	.00088	.00563
%RSD	.31345	5.6429	.37446	.34243	8.8061	2.7187	933.78
#1	.02214	.00829	-.00021	2.8224	.02868	.03316	.00458
#2	.02224	.00898	-.00021	2.8361	.03249	.03191	-.00338

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00595	-.01287	-.00865
SDev	.00389	.01020	.00392
%RSD	65.331	79.220	45.346
#1	-.00320	-.02008	-.01142
#2	-.00870	-.00566	-.00588

Method: DISS Sample Name: ISA 0531M Operator: WGL
Run Time: 06/02/94 15:23:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02911	431.50	-.00339	.02162	-.02093	.04651	S-.07600
SDev	.00457	2.18	.00170	.00011	.00020	.00020	.00032
%RSD	15.697	.50603	50.093	.49321	.97603	.43959	.42654
#1	.03234	429.95	-.00459	.02170	-.02078	.04636	S-.07577
#2	.02588	433.04	-.00219	.02155	-.02107	.04665	S-.07623

008538

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	498.08	.05606	-.00051	.01019	.00427	180.65	-5.8485
SDev	2.21	.00046	.00031	.00014	.00003	.59	.0832
%RSD	.44384	.81501	60.609	1.3342	.69246	.32672	1.4233
#1	496.52	.05574	-.00029	.01029	.00425	180.23	-5.7897
#2	499.64	.05639	-.00073	.01009	.00429	181.06	-5.9074

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-66.661	S147.03	492.80	.00239	.00090	S44.772	494.03
SDev	.142	.01	1.61	.00039	.00181	.000	2.65
%RSD	.21238	.00840	.32726	16.207	199.68	.00064	.53624
#1	-66.561	S147.04	491.66	.00211	.00218	S44.772	492.16
#2	-66.761	S147.02	493.94	.00266	-.00037	S44.772	495.91

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Jnits	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05213	.06305	-.00025	.01549	.15429	.30664	-.00589
SDev	.00017	.00131	.00008	.00111	.03395	.07270	.00191
%RSD	.31997	2.0836	33.558	7.1584	22.007	23.709	32.374
#1	.05225	.06212	-.00030	.01470	.17830	.35804	-.00454
#2	.05201	.06398	-.00019	.01627	.13028	.25523	-.00724

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00074	.11923	.00798	-.02945	.04804	.06995	.00637
SDev	.00002	.00538	.00017	.00009	.00391	.00435	.00623
%RSD	3.3299	4.5118	2.1689	.31174	8.1388	6.2132	97.823
#1	-.00072	.12303	.00810	-.02939	.05081	.06687	.00196
#2	-.00076	.11542	.00785	-.02952	.04528	.07302	.01078

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00550	.04201	.00030
SDev	.00320	.00572	.00430
%RSD	58.220	13.606	1447.1
#1	-.00323	.04605	-.00275
#2	-.00776	.03797	.00334

Method: DISS Sample Name: ISB 0111K Operator: WGL
Run Time: 06/02/94 15:30:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	[illegible]	[illegible]	.84934	.99787	.41850	.55382	-.07322
SDev	[illegible]	[illegible]	.00241	.01481	.00015	.00665	.00003
%RSD	2.9129	.04518	.28323	1.4841	.03555	1.2013	.03548

008539

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008539

8539

#1	.94306	412.78	.85104	1.0083	.41941	.55853	S-.07320
#2	.90500	413.04	.84764	.98740	.41920	.54912	S-.07324

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	471.71	.95756	.41831	.43611	.45627	171.60	Q4.1349
SDev	.24	.00093	.00020	.00041	.00224	.03	.0032
%RSD	.05087	.09748	.04912	.09352	.49169	.01533	.07703
#1	471.54	.95690	.41817	.43582	.45468	171.62	Q4.1371
#2	471.88	.95822	.41846	.43640	.45785	171.58	Q4.1326

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-63.670	S147.19	464.16	.43521	.96811	S44.771	468.54
SDev	.468	.01	.17	.00008	.01913	.000	.40
%RSD	.73575	.00951	.03657	.01885	1.9764	.00007	.08580
#1	-64.001	S147.20	464.28	.43527	.98164	S44.771	468.82
#2	-63.338	S147.18	464.04	.43515	.95459	S44.771	468.25

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.91006	.95732	.91096	.85705	Q.65183	Q1.3655	.99749
SDev	.00634	.00282	.00145	.00399	.17287	.3698	.00261
%RSD	.69665	.29454	.15870	.46547	26.521	27.081	.26163
#1	.91454	.95532	.91198	.85423	Q.77407	Q1.6270	.99564
#2	.90558	.95931	.90994	.85988	.52959	1.1040	.99933

Elem	Sr4215	Ti1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.88413	1.0069	.47013	.94530	.91345	.97862	.91646
SDev	.00053	.0031	.00624	.00061	.00362	.00646	.01718
%RSD	.05954	.31192	1.3273	.06407	.39662	.66014	1.8751
#1	.88450	1.0091	.47454	.94573	.91602	.97405	.90431
#2	.88376	1.0047	.46571	.94487	.91089	.98318	.92861

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.90611	.87063	.84610
SDev	.01075	.00864	.01029
%RSD	1.1861	.99234	1.2156
#1	.91371	.87674	.84096
#2	.89851	.86452	.85546

Method: DISS Sample Name: LCV 0511G Operator: WGL
Run Time: 06/02/94 15:32:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04164	10.761	2.4026	2.5902	5.1462	2.5800	1.0523

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SDev	.03067	.482	.0270	.0270	.0440	.0309	.3461
%RSD	73.650	4.4747	1.1240	1.0436	.85589	1.1965	32.890
#1	.06332	Q11.102	2.4214	2.6093	5.1773	2.6019	Q1.2971
#2	.01995	10.421	2.3832	2.5711	5.1150	2.5582	Q.80759

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.4634	1.0809	2.5652	2.5537	2.7305	5.3954	Q13.751
SDev	.4072	.0072	.0257	.0230	.0180	.1483	3.860
%RSD	27.823	.66712	1.0013	.89962	.65843	2.7486	28.075
#1	1.7513	1.0860	2.5834	2.5700	2.7433	Q5.5002	Q11.021
#2	1.1755	1.0758	2.5471	2.5375	2.7178	5.2905	Q16.480

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-64.722	2.5330	3.0156	5.1558	2.5300	1.0954	-6.5398
SDev	1.093	.3640	.4688	.0451	.0223	.3030	.3728
%RSD	1.6891	14.369	15.545	.87563	.87963	27.660	5.7000
#1	-65.495	Q2.7904	3.3471	5.1877	2.5458	Q1.3096	-6.2762
#2	-63.949	2.2756	2.6841	5.1239	2.5143	Q.88113	-6.8034

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.6028	1.0785	2.4749	2.3783	26.457	56.552	Q2.8109
SDev	.0201	.0081	.0261	.0056	.211	.450	.0295
%RSD	.77092	.75461	1.0536	.23358	.79660	.79650	1.0498
#1	2.6170	1.0842	2.4933	2.3823	26.606	56.870	Q2.8318
#2	2.5886	1.0727	2.4565	2.3744	26.308	56.233	Q2.7900

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.9613	1.0345	2.5506	2.7043	1.0425	1.0955	2.4680
SDev	.0471	.0068	.0251	.0231	.0116	.0064	.0023
%RSD	.94940	.65786	.98490	.85248	1.1137	.58460	.09183
#1	4.9946	1.0393	2.5684	2.7206	1.0507	1.1000	2.4696
#2	4.9280	1.0297	2.5328	2.6880	1.0343	1.0910	2.4664

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.4762	2.3372	2.3968
SDev	.0380	.0322	.0078
%RSD	1.5330	1.3784	.32355
#1	2.5031	2.3600	2.3913
#2	2.4494	2.3144	2.4023

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thod: DISS Sample Name: CCV 0511J Operator: WGL
un Time: 06/02/94 15:36:12
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.3941	-.00286	.00330	.02221	-.00809	.00054	S13.788
SDev	.0049	.00403	.00262	.00239	.00218	.00000	.002
%RSD	.20668	140.83	79.328	10.739	26.901	.08724	.01802
#1	2.3906	-.00001	.00145	.02390	-.00655	.00054	S13.787
#2	2.3976	-.00571	.00516	.02053	-.00963	.00054	S13.790

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	103.30	.00021	.00102	.00202	.00159	-.01695	S-.61238
SDev	.21	.00030	.00020	.00150	.00000	.01458	.00005
%RSD	.19900	143.86	20.203	74.078	.02669	86.036	.00875
#1	103.16	.00043	.00116	.00308	.00159	-.02726	S-.61241
#2	103.45	-.00000	.00087	.00096	.00159	-.00664	S-.61234

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
nits	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q40.568	S149.56	103.91	-.00035	.00429	S57.600	48.381
SDev	.121	.00	.27	.00189	.00058	.000	.122
%RSD	.29733	.00026	.25974	539.33	13.468	.00002	.25279
#1	Q40.483	S149.56	103.72	.00098	.00470	S57.600	48.295
#2	Q40.654	S149.56	104.10	-.00168	.00388	S57.600	48.468

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00031	-.00048	.00268	-.00284	.01237	.02643	-.00021
SDev	.00057	.00090	.00245	.00069	.00996	.02128	.00211
%RSD	181.87	185.63	91.565	24.264	80.496	80.504	989.95
#1	.00072	.00015	.00441	-.00332	.01941	.04148	.00128
#2	-.00009	-.00112	.00094	-.00235	.00533	.01139	-.00170

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00003	.00935	.00031	-.00763	-.00064	-.00101	.00083
SDev	.00176	.00155	.00043	.00082	.00194	.00004	.00162
%RSD	5112.0	16.617	138.77	10.739	302.54	4.4414	195.64
#1	.00128	.01045	.00001	-.00705	.00073	-.00104	.00197
#2	-.00121	.00826	.00061	-.00820	-.00201	-.00097	-.00032

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00150	-.00058	-.00606
SDev	.00286	.00237	.00015
%RSD	191.07	407.56	2.5135
#1	.00352	-.00226	-.00595
2	-.00053	.00110	-.00617

Method: DISS Sample Name: CCB 0510B Operator: WGL

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Run Time: 06/02/94 15:39:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00629	.01272	-.00126	.01033	-.00012	.00053	-.00950
SDev	.00047	.00300	.00173	.00030	.00006	.00002	.00002
%RSD	7.5135	23.601	137.69	2.8864	53.415	4.4750	.20963
#1	.00596	.01485	-.00248	.01054	-.00007	.00051	-.00949
#2	.00663	.01060	-.00003	.01012	-.00016	.00054	-.00952

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.07163	-.00015	.00007	.00014	.00159	-.01475	.03080
SDev	.00000	.00010	.00051	.00007	.00449	.00708	.06163
%RSD	.00212	64.828	707.11	47.140	282.96	48.035	200.10
#1	.07163	-.00022	-.00029	.00019	-.00159	-.00974	-.01278
#2	.07163	-.00008	.00044	.00010	.00476	-.01976	.07438

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.16315	-.00415	-.26223	-.00008	-.00020	-.06979	-.02154
SDev	.01487	.00010	.00224	.00008	.00231	.00046	.09040
%RSD	9.1148	2.4142	.85539	102.10	1130.5	.65884	419.74
#1	.17367	-.00422	-.26381	-.00014	-.00184	-.06947	-.08546
#2	.15263	-.00408	-.26064	-.00002	.00143	-.07012	.04238

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00111	-.00047	.00100	-.00304	-.01538	-.03290	-.00085
SDev	.00074	.00050	.00064	.00131	.00511	.01093	.00040
%RSD	66.956	106.00	64.448	43.127	33.201	33.206	47.140
#1	-.00163	-.00082	.00145	-.00212	-.01899	-.04063	-.00114
#2	-.00058	-.00012	.00054	-.00397	-.01177	-.02518	-.00057

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00010	.00699	-.00031	.00028	.00038	-.00120	.00194
SDev	.00000	.00106	.00043	.00015	.00305	.00077	.00433
%RSD	.00004	15.229	141.27	54.550	791.95	64.445	223.29
#1	-.00010	.00624	-.00000	.00039	-.00177	-.00065	.00500
#2	-.00010	.00775	-.00061	.00017	.00254	-.00175	-.00112

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00157	-.00377	-.00478
SDev	.00120	.00378	.00008
%RSD	76.158	100.36	1.6797
#1	-.00242	-.00109	-.00473
#2	-.00073	-.00644	-.00484

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Western Atlas International
A Litton/Dresser Company

CORE LABORATORIES

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

SOP HC-ATM-E047 CLP ICP-AES
EPA Method Reference CLP SOW 9/91 / 6010
Calibration Std. ID 1 0531A 2 0531B 3 0531C 4 0531D
Calibration Std. ID 5 0531E 6 7

Date 6-2-94
Run Start Time 09:00
Analyst WGC
Run End Time

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

Sample ID	Dilution Factor	Data Flag Required	Comments	Sample ID	Dilution Factor	Data Flag Required	Comments
ICV 0524F				2			
ICV 0223C				2	20X		
ICV 0426F				CCV01			
ICB 0510B				CCV02			
ISA 0531M				CCB			
ISB 0118R				3			
CRI 0112C				3 PDS			
G41030-1				3	10X		
1	1X COAL			3 PDS	↓		
2				4			
2	10X COAL			4	10X		
G41293-1				5			
1 SD.	5X			5	10X		
1 SD.	25X			6			
CCV01 0516				6	10X		
CCV02 0511T				CCV01			
CCB 0510B				CCV02			
1			Reference SE/SSR	CCB			
1	5X		↓	2			
3				7	5X		
3 MD				8		7 min	[illegible]
3 PDS				8	50X		2 m color
5				9			
7				9	20X		
G41254-1				10			
1 MD				11	50X		
1 MD				12			
CCV01				12	20X		
CCV02				CCV01			
CCB				CCV02			
ISA				CCB			
ISB				13			
CRI				13	5X	SAT [illegible]	
G41271-1		SAT 7 min		13	25X		
1	5X			13			
1 MD				14			
1	25X			14 MD			
1 MD	↓			15		SAT [illegible]	

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NOTE: Continued on back of page.

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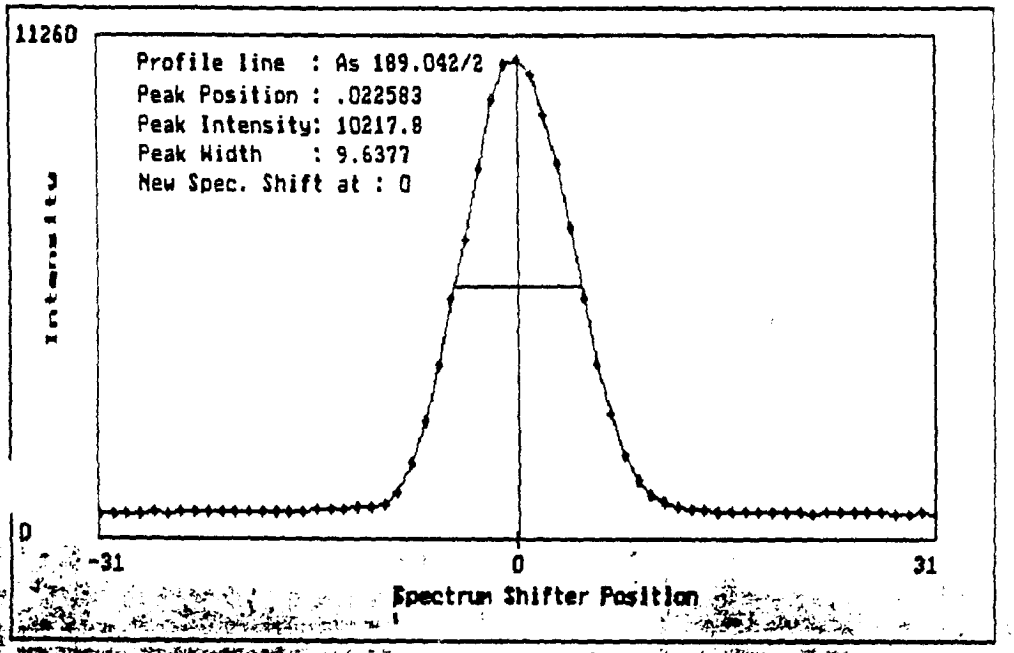

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Method: TSOIL Standard: SOIL0

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Avge	-.00910	.02580	.00360	.00510	.00035	-.00610	.27095
SDev	.00099	.00000	.00226	.00099	.00120	.00014	.00078
%RSD	10.879	.00000	62.854	19.411	343.45	2.3184	.28707
#1	-.00980	.02580	.00520	.00580	-.00050	-.00600	.27150
#2	-.00840	.02580	.00200	.00440	.00120	-.00620	.27040

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avge	.02200	.02790	.00230	.00080	.00020	.00180	.21620
SDev	.00000	.00608	.00014	.00085	.00000	.00057	.00311
%RSD	.00000	21.796	6.1488	106.07	.00000	31.427	1.4391
#1	.02200	.02360	.00220	.00140	.00020	.00140	.21400
#2	.02200	.03220	.00240	.00020	.00020	.00220	.21840

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Avge	2.0842	.01965	.13330	.00090	.00170	3.8145	.88570
SDev	.0011	.00064	.00014	.00014	.00014	.0417	.00382
%RSD	.05428	3.2387	.10609	15.713	8.3189	1.0937	.43111
#1	2.0834	.02010	.13320	.00100	.00180	3.8440	.88840
#2	2.0850	.01920	.13340	.00080	.00160	3.7850	.88300

Elem	Ni2316	Si2881	SiO2	Sn1899	Sr4215	Tl1908	V_2924
Avge	.00050	.04560	.04560	.00190	.00040	-.04940	.00000
SDev	.00707	.00141	.00141	.00184	.00000	.00028	.00028
%RSD	1414.2	3.1013	3.1013	96.762	.00000	.57256	.00000
#1	.00550	.04460	.04460	.00060	.00040	-.04960	.00020
#2	-.00450	.04660	.04660	.00320	.00040	-.04920	-.00020

Elem	Zn2138	Pb 1st	Pb 2nd	Sb 1st	Sb 2nd	Se 1st	Se 2nd
Avge	.00240	.07400	-.00800	-.03660	.00440	-.04060	.01670
SDev	.00028	.01471	.00481	.01556	.00283	.01895	.00551
%RSD	11.785	19.875	60.104	42.504	64.282	46.676	33.027
#1	.00220	.06360	-.00460	-.02560	.00640	-.02720	.02060
#2	.00260	.08440	-.01140	-.04760	.00240	-.05400	.01280

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Method: TSOIL Standard: SOIL1

Elem	Ag3280	As1890	Cd2265	Tl1908	Pb 1st	Pb 2nd	Se 1st
Avge	64.913	18.569	145.93	7.4753	24.901	36.919	12.775
SDev	.048	.019	.17	.0157	.096	.081	.075
%RSD	.07363	.10243	.11522	.21000	.38620	.21949	.58672
#1	64.879	18.556	145.81	7.4864	24.969	36.862	12.828
#2	64.947	18.583	146.05	7.4642	24.833	36.977	12.722

Elem	Se 2nd
Avge	7.0940
SDev	.0062
%RSD	.08772

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#1	7.0896
#2	7.0984

Method: TSOIL Standard: SOIL3

Elem	Al3082	B_2496	Be3130	Fe2714	K_7664	Mo2020	Na5889
Avge	2.6953	7.5037	29.634	1.6609	13.640	4.9949	52.069
SDev	.0047	.0061	.016	.0063	.139	.0004	.160
%RSD	.17315	.08104	.05536	.37890	1.0202	.00850	.30664
#1	2.6986	7.5080	29.646	1.6654	13.739	4.9946	52.182
#2	2.6920	7.4994	29.622	1.6565	13.542	4.9952	51.956

Elem	Ni2316	Si2881	SiO2	V_2924
Avge	55.485	26.837	26.837	3.4051
SDev	.137	.073	.073	.0081
%RSD	.24775	.27086	.27086	.23673
#1	55.582	26.889	26.889	3.4108
#2	55.388	26.786	26.786	3.3994

Method: TSOIL Standard: SOIL2

Elem	Ba4934	Ca3968	Co2286	Cr2677	Cu3247	Mg2852	Mn2576
Avge	22.937	141.43	6.5430	9.8449	.16935	41.043	31.447
SDev	.017	.22	.0054	.0095	.00035	.007	.043
%RSD	.07398	.15624	.08214	.09625	.20877	.01688	.13806
#1	22.925	141.27	6.5392	9.8382	.16910	41.038	31.416
#2	22.949	141.58	6.5468	9.8516	.16960	41.048	31.478

Elem	Sr4215	Zn2138
Avge	79.255	9.5696
SDev	.052	.0136
%RSD	.06567	.14187
#1	79.218	9.5600
#2	79.291	9.5792

Method: TSOIL Standard: SOIL5

Elem	Ca3179	K_4047	Mg2790	Na3302
Avge	34.402	4.2357	43.246	4.1734
SDev	.073	.0041	.111	.0085
%RSD	.21336	.09682	.25606	.20332
#1	34.454	4.2386	43.324	4.1794
#2	34.350	4.2328	43.168	4.1674

Method: TSOIL Standard: SOIL4

Elem	Sn1899	Sb 1st	Sb 2nd
Avge	6.6555	36.614	10.256

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SDev	.0089	.283	.034
%RSD	.13387	.77289	.33095
#1	6.6492	36.814	10.280
#2	6.6618	36.414	10.232

Method: TSOIL Sample Name: ICV 0405J Operator: WGL
Run Time: 06/03/94 09:25:55
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00152	.02320	2.1174	.00442	.00035	1.9527	1.9288
SDev	.00060	.02330	.0121	.00028	.00000	.0019	.0028
%RSD	39.047	100.42	.57209	6.4133	.05376	.09781	.14646
#1	.00110	.00673	2.1088	.00422	.00035	1.9541	1.9268
#2	.00194	.03967	2.1259	.00462	.00035	1.9514	1.9308

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.1292	1.9460	2.0118	2.0891	2.0666	1.8606	-.09043
SDev	.0020	.0013	.0017	.0006	.0042	.0503	.05758
%RSD	.09516	.06602	.08599	.03094	.20240	2.7027	63.668
#1	2.1278	1.9469	2.0130	2.0896	2.0637	1.8251	-.04972
#2	2.1307	1.9451	2.0106	2.0887	2.0696	1.8962	-.13115

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-2.5526	1.9652	2.1252	2.0553	1.9638	.00318	.24449
SDev	.7706	.0035	.0016	.0013	.0057	.00332	.03022
%RSD	30.189	.17945	.07718	.06540	.28844	104.19	12.360
#1	-3.0975	1.9628	2.1264	2.0562	1.9598	.00553	.22312
#2	-2.0077	1.9677	2.1241	2.0543	1.9678	.00084	.26586

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.9547	1.9090	1.9397	1.9921	.03181	.03587	.00098
SDev	.0040	.0633	.1494	.0826	.02558	.05471	.00000
%RSD	.20420	3.3161	7.7037	4.1463	80.392	152.52	.00000
#1	1.9519	1.9538	2.0454	2.0505	.01373	-.00282	.00098
#2	1.9575	1.8643	1.8340	1.9337	.04990	.07456	.00098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00017	1.9005	1.9740	2.0866	1.8076	1.9591	2.0633
SDev	.00004	.0005	.0019	.0082	.2110	.0100	.0274
%RSD	21.112	.02581	.09455	.39122	11.673	.51086	1.3279
#1	.00014	1.9001	1.9754	2.0924	1.9568	1.9520	2.0440
#2	.00019	1.9008	1.9727	2.0809	1.6584	1.9661	2.0827

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	1.8759	1.8700	2.0509
SDev	.2377	.2439	.0021
%RSD	12.672	13.041	.10161
#1	2.0440	2.0424	2.0524
#2	1.7078	1.6976	2.0494

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008549

Method: TSOIL Sample Name: ICV 0223B Operator: WGL
Run Time: 06/03/94 09:28:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.0386	1.9172	-.00205	1.8401	2.1067	.00054	.00442
SDev	.0009	.0011	.00122	.0005	.0019	.00002	.00003
%RSD	.04380	.05532	59.562	.02562	.09219	4.3920	.66435
#1	2.0393	1.9165	-.00118	1.8404	2.1081	.00056	.00444
#2	2.0380	1.9180	-.00291	1.8397	2.1053	.00052	.00439

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00364	.00010	.00138	.00229	.00296	-.00257	19.629
SDev	.00001	.00015	.00011	.00007	.00000	.00086	.177
%RSD	.20343	145.98	7.8567	3.1427	.00144	33.425	.90095
#1	.00364	.00021	.00130	.00223	.00296	-.00196	19.754
#2	.00363	-.00000	.00145	.00234	.00296	-.00317	19.504

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	11.644	-.00078	-.01160	.00041	.00138	1.9313	1.4192
SDev	.181	.00013	.00246	.00000	.00014	.0039	.0387
%RSD	1.5535	16.988	21.214	.04157	10.271	.19980	2.7242
#1	11.516	-.00087	-.01334	.00041	.00148	1.9340	1.3919
#2	11.772	-.00069	-.00986	.00041	.00128	1.9286	1.4465

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00012	.00205	.00222	.00065	.98558	2.1081	-.00120
SDev	.00083	.00135	.00238	.00438	.00343	.0073	.00457
%RSD	683.62	65.613	107.28	671.35	.34803	.34809	380.07
#1	-.00071	.00110	.00054	-.00244	.98801	2.1133	-.00443
#2	.00046	.00301	.00391	.00375	.98316	2.1029	.00203

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00141	.00138	.00001	.00141	.00238	.00179	.00154
SDev	.00004	.00038	.00000	.00022	.00175	.00072	.00274
%RSD	3.1430	27.232	2.0067	15.470	127.04	40.326	178.27

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#1	.00111	.00165	.00001	.00125	.00014	.00128	-.00040
#2	.00116	.00111	.00001	.00156	.00261	.00230	.00347

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00046	.00103	-.00164
SDev	.00220	.00574	.00370
%RSD	475.14	556.13	225.85
#1	-.00110	-.00303	-.00425
#2	.00202	.00509	.00098

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Method: TSOIL Sample Name: ICV 0426H Operator: WGL
Run Time: 06/03/94 09:33:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00042	-.00293	-.00049	.02254	-.00543	.00017	S13.928
SDev	.00032	.00629	.00013	.00651	.00020	.00022	.057
%RSD	76.853	214.64	26.206	28.870	3.7505	126.53	.41086
#1	.00019	.00152	-.00058	.02714	-.00528	.00032	S13.888
#2	.00065	-.00737	-.00040	.01794	-.00557	.00002	S13.969

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	100.98	-.00037	-.00183	.00020	.00000	.04612	S1000.0
SDev	.20	.00004	.00011	.00014	.00000	.05970	95.6
%RSD	.19961	12.200	5.8926	70.711	167.84	129.43	2.6983
#1	100.84	-.00040	-.00191	.00010	-.00000	.00391	S1000.0
#2	101.12	-.00034	-.00176	.00030	.00000	.08833	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	97.475	S194.13	101.42	-.00326	.02203	S92.646	49.699
SDev	.257	.11	.21	.00000	.01374	.000	.219
%RSD	.26396	.05595	.20700	.04229	62.354	.00001	.44002
#1	97.657	S194.06	101.27	-.00326	.03174	S92.646	49.544
#2	97.293	S194.21	101.57	-.00326	.01232	S92.646	49.853

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00034	.00101	.00060	-.00150	.03376	.07221	1.0129
SDev	.00061	.00090	.00085	.00042	.02932	.06271	.0026
%RSD	179.17	89.271	142.24	28.080	86.840	86.848	.25181
#1	.00009	.00165	-.00000	-.00180	.05449	.11655	1.0111
2	-.00077	.00037	.00120	-.00121	.01303	.02787	1.0147

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0524	.00660	.00103	-.00891	-.00146	.00135	-.00172

SDev	.0026	.00073	.00020	.00003	.00062	.00104	.00047
%RSD	.24534	11.079	19.588	.28708	42.594	77.463	27.281
#1	1.0506	.00711	.00118	-.00889	-.00102	.00209	-.00205
#2	1.0542	.00608	.00089	-.00893	-.00190	.00061	-.00139

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00034	.00344	-.00592
SDev	.00104	.00099	.00091
%RSD	305.68	28.699	15.433
#1	-.00108	.00414	-.00657
#2	.00040	.00274	-.00527

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ORIGINAL

Method: TSOIL Sample Name: IC8 0509U Operator: WGL
Run Time: 06/03/94 09:37:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00015	.01197	.00116	.00467	.00007	.00012	.00005
SDev	.00004	.00205	.00029	.00066	.00031	.00001	.00000
%RSD	29.471	17.156	24.662	14.142	471.07	6.0356	.19510
#1	.00012	.01052	.00136	.00513	.00028	.00011	.00005
#2	.00018	.01343	.00096	.00420	-.00015	.00012	.00005

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00072	-.00022	-.00084	-.00036	.00000	.00272	-.05877
SDev	.00101	.00013	.00000	.00036	.00000	.00135	.08838
%RSD	141.04	59.771	.00000	101.02	48.109	49.849	150.38
#1	-.00144	-.00013	-.00084	-.00061	.00000	.00367	-.12127
#2	-.00000	-.00032	-.00084	-.00010	.00000	.00176	.00372

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.29082	.00004	-.00174	-.00006	.00170	-.01073	-.02120
SDev	.41092	.00003	.00164	.00004	.00028	.00108	.02563
%RSD	141.30	75.880	94.282	70.778	16.641	10.065	120.90
#1	-.58138	.00006	-.00290	-.00009	.00190	-.01149	-.03932
#2	-.00025	.00002	-.00058	-.00003	.00150	-.00997	-.00308

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00106	-.00069	.00444	-.00228	.00336	.00718	-.00143
SDev	.00023	.00083	.00007	.00378	.00316	.00677	.00064
%RSD	21.619	120.11	1.5324	165.28	94.290	94.295	44.659
#1	-.00122	-.00128	.00449	-.00495	.00559	.01197	-.00098
#2	-.00090	-.00010	.00439	.00039	.00112	.00239	-.00188

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00005	.00070	-.00000	-.00094	-.00101	-.00084	.00012
SDev	.00000	.00304	.00332	.00000	.00035	.00108	.00185
%RSD	.05512	433.81	470930.	.10931	34.280	128.70	1591.7
#1	-.00005	.00286	-.00235	-.00094	-.00125	-.00160	.00142
#2	-.00005	-.00145	.00235	-.00094	-.00076	-.00008	-.00119

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00450	-.00031	-.00537
SDev	.00082	.00033	.00549
%RSD	18.243	106.44	102.36
#1	.00392	-.00054	-.00925
#2	.00508	-.00008	-.00148

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ethod: TSOIL Sample Name: ISA 0531M Operator: WGL
Run Time: 06/03/94 09:41:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.12597	423.71	.00040	-.00000	-.01715	.04521	S-.06965
SDev	.00076	.56	.00082	.00066	.00002	.00006	.00005
%RSD	.59984	.13173	203.19	49720.	.13465	.12914	.07106
#1	.12543	423.32	.00098	-.00047	-.01713	.04517	S-.06961
#2	.12650	424.11	-.00018	.00047	-.01717	.04525	S-.06968

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	478.86	.00441	-.00161	.01077	.00590	177.01	-6.7423
SDev	.92	.00033	.00043	.00057	.00003	.49	.0095
%RSD	.19155	7.5195	26.937	5.3367	.41906	.27848	.14117
#1	478.22	.00417	-.00191	.01036	.00588	176.66	-6.7490
#2	479.51	.00464	-.00130	.01117	.00591	177.36	-6.7355

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	15.971	S191.01	481.53	.00527	-.00328	S92.590	552.66
SDev	.707	.01	1.49	.00036	.00098	.000	1.69
%RSD	4.4281	.00484	.31012	6.7735	29.999	.00009	.30605
#1	15.471	S191.00	480.48	.00502	-.00398	S92.590	553.85
#2	16.472	S191.01	482.59	.00552	-.00259	S92.590	551.46

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05255	.06300	.00111	.01477	-.00866	-.02047	-.00316
SDev	.00058	.00049	.00204	.00285	.00073	.00157	.00074
%RSD	1.1070	.78385	183.78	19.282	8.3734	7.6479	23.570

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#1	.05214	.06266	.00255	.01275	-.00815	-.01936	-.00368
#2	.05296	.06335	-.00033	.01678	-.00918	-.02157	-.00263

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00076	.10771	.00480	-.02702	-.01030	.09870	.00963
SDev	.00005	.00537	.00037	.00015	.00238	.00045	.00688
%RSD	6.0965	4.9827	7.7551	.57336	23.124	.45414	71.407
#1	.00073	.10392	.00506	-.02713	-.01198	.09902	.01450
#2	.00079	.11151	.00453	-.02691	-.00861	.09838	.00477

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00510	.04237	-.00111
SDev	.00059	.01207	.00176
%RSD	11.586	28.482	157.93
#1	-.00551	.03384	.00013
#2	-.00468	.05090	-.00235

008553

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ORIGINAL

Method: TSOIL Sample Name: ISB 0111K Operator: WGL
Run Time: 06/03/94 09:45:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0428	409.31	.99389	.90372	.45472	.49512	S-.06752
SDev	.0013	.68	.00198	.00396	.00121	.00139	.00009
%RSD	.12825	.16666	.19922	.43820	.26522	.27997	.13616
#1	1.0418	408.83	.99249	.90092	.45386	.49414	S-.06746
#2	1.0437	409.79	.99529	.90652	.45557	.49610	S-.06759

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	457.65	.87185	.43940	.45555	.47861	170.70	9.6564
SDev	.96	.00219	.00097	.00136	.00419	.22	.0350
%RSD	.21007	.25093	.22143	.29959	.87580	.12922	.36281
#1	456.97	.87030	.43871	.45459	.47564	170.54	9.6316
#2	458.33	.87339	.44009	.45652	.48157	170.85	9.6811

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	24.268	S191.14	464.17	.45875	.90172	S92.588	527.42
SDev	.218	.02	.71	.00166	.00353	.000	.60
%RSD	.89707	.01262	.15212	.36214	.39171	.00012	.11415
#1	24.422	S191.16	463.67	.45757	.89922	S92.588	527.00
#2	24.114	S191.13	464.67	.45992	.90422	S92.587	527.85

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	.88234	.94119	1.0045	1.0614	.44016	.93277	.95632

SDev	.00251	.00277	.0015	.0030	.00467	.00997	.00096
%RSD	.28480	.29378	.14885	.28522	1.0612	1.0687	.10002
#1	.88057	.93924	1.0034	1.0593	.43685	.92573	.95565
#2	.88412	.94315	1.0056	1.0635	.44346	.93982	.95700

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.95654	1.0052	.44037	.98899	.87509	.97330	1.0168
SDev	.00286	.0017	.00085	.00365	.00461	.00184	.0104
%RSD	.29946	.16932	.19370	.36925	.52689	.18941	1.0253
#1	.95452	1.0064	.43977	.98641	.87183	.97199	1.0094
#2	.95857	1.0040	.44097	.99157	.87835	.97460	1.0242

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.99626	1.0911	1.0445
SDev	.00296	.0085	.0088
%RSD	.29742	.77652	.83951
#1	.99836	1.0971	1.0383
#2	.99416	1.0851	1.0507

008554

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ORIGINAL

Method: I90IL Sample Name: CRI 0112C Operator: WGL
Run Time: 06/03/94 09:48:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03358	.11967	.01151	.18363	.20643	.00941	S28.274
SDev	.00009	.00003	.00065	.00066	.00018	.00000	.000
%RSD	.25954	.02411	5.6188	.35947	.08901	.02780	.00117
#1	.03364	.11969	.01197	.18316	.20630	.00941	S28.274
#2	.03351	.11965	.01105	.18410	.20656	.00942	S28.274

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.7865	.01139	.09701	.01991	.04139	.08464	10.042
SDev	.0133	.00031	.00043	.00029	.00000	.00347	.080
%RSD	.13622	2.6992	.44577	1.4431	.00043	4.0944	.80072
#1	9.7770	.01161	.09670	.01971	.04139	.08709	9.9854
#2	9.7959	.01118	.09731	.02011	.04139	.08219	10.099

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L8.8774	H9.6174	10.119	.02001	.02183	S50.886	8.0867
SDev	1.0191	.0014	.006	.00005	.00042	59.058	.0814
%RSD	11.480	.01418	.05673	.22751	1.9463	116.06	1.0069
#1	L8.1567	H9.6164	10.115	.02004	.02153	S92.647	8.0291
#2	L9.5980	H9.6183	10.123	.01997	.02213	H9.1256	8.1442

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.07743	.00792	.01154	.01454	.09866	.21073	.10107
SDev	.00012	.00040	.00012	.00242	.00053	.00113	.00170
%RSD	.15635	5.0792	1.0210	16.652	.53878	.53749	1.6823
#1	.07752	.00764	.01146	.01625	.09829	.20993	.09987
#2	.07735	.00821	.01162	.01282	.09904	.21153	.10228

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02050	.00882	.01886	.10490	.00576	.00870	.00747
SDev	.00003	.00216	.00125	.00000	.00149	.00135	.00393
%RSD	.17230	24.485	6.6106	.00050	25.866	15.473	52.578
#1	.02048	.01035	.01797	.10490	.00681	.00775	.01025
#2	.02053	.00729	.01974	.10490	.00470	.00966	.00470

Elem	Sb 2nd	Se 1st	Se 2nd
Jnits	mg/L	mg/L	mg/L
Avge	.01147	.01278	.01331
SDev	.00214	.00066	.00330
%RSD	18.642	5.1845	24.773
#1	.00996	.01325	.01564
#2	.01298	.01231	.01098

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Method: TSOIL Sample Name: MB 0602 Operator: WGL
Run Time: 06/03/94 10:35:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00432	.01648	-.00023	-.00047	-.00017	.00015	.00084
SDev	.00004	.00212	.00004	.00113	.00003	.00005	.00001
%RSD	1.0242	12.890	16.684	242.44	17.665	31.270	1.1563
#1	-.00436	.01498	-.00026	.00033	-.00015	.00019	.00085
#2	-.00429	.01798	-.00020	-.00127	-.00020	.00012	.00083

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00144	-.00032	-.00214	-.00046	.00000	.00300	-.00394
SDev	.00001	.00007	.00054	.00036	.00000	.00937	.06979
%RSD	.72841	23.111	25.254	78.567	323.29	312.29	1769.3
#1	.00143	-.00037	-.00176	-.00071	.00000	.00962	.04541
#2	.00145	-.00027	-.00252	-.00020	-.00000	-.00362	-.05330

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.40875	.00077	.00580	-.00003	.00100	-.00014	-.02446
SDev	.26384	.00003	.00082	.00000	.00014	.00019	.06461
%RSD	64.552	4.5562	14.141	3.0444	14.142	140.32	264.12

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#1	.59533	.00079	.00522	-.00003	.00090	-.00000	.02123
#2	.22218	.00074	.00638	-.00003	.00110	-.00027	-.07015

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00039	.00051	.00364	-.00337	-.00598	-.01278	-.00023
SDev	.00057	.00087	.00456	.00011	.00052	.00112	.00234
%RSD	145.38	171.87	125.25	3.2786	8.7193	8.7666	1037.1
#1	-.00079	-.00011	H.00686	-.00329	-.00561	-.01199	-.00188
#2	.00001	.00112	.00042	-.00345	-.00635	-.01357	.00143

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00005	.00240	-.00015	-.00104	.00031	.00001	-.00278
SDev	.00000	.00545	.00021	.00029	.00181	.00002	.00083
%RSD	.00057	227.20	140.41	28.177	587.18	245.83	30.039
#1	-.00005	-.00145	-.00000	-.00125	-.00097	.00002	-.00219
#2	-.00005	.00625	-.00029	-.00084	.00159	-.00001	-.00337

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00474	-.00273	-.00579
SDev	.00641	.00928	.00480
%RSD	135.25	339.63	82.838
#1	.00927	-.00929	-.00240
#2	.00021	.00383	-.00918

Method: TSOIL Sample Name: LCS 0429B Operator: WGL
Run Time: 06/03/94 10:39:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.68765	Q37.903	.86339	.01692	.71997	.29167	S21.134
SDev	.00018	.081	.00072	.00047	.00093	.00040	9.948
%RSD	.02664	.21249	.08368	2.7875	.12877	.13582	47.071
#1	.68778	Q37.846	.86287	.01659	.71932	.29195	S28.168
#2	.68752	Q37.960	.86390	.01726	.72063	.29139	S14.100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q28.252	.65914	1.9695	.49197	.87982	Q91.823	Q65.321
SDev	.025	.00051	.0012	.00043	.00000	.031	34.824
%RSD	.08740	.07702	.06038	.08761	.00015	.03340	53.312
#1	Q28.270	.65879	1.9704	.49227	.87982	Q91.801	Q40.696
#2	Q28.235	.65950	1.9687	.49167	.87982	Q91.844	Q89.945

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	37.594	S194.72	29.336	1.6372	1.0931	Q6.0627	Q5.4192

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SDev	.085	.03	.029	.0010	.0034	.0013	.1337
%RSD	.22644	.01740	.09784	.06293	.31100	.02086	2.4677
#1	37.654	S194.69	29.356	1.6379	1.0955	Q6.0636	Q5.3246
#2	37.534	S194.74	29.316	1.6364	1.0907	Q6.0618	Q5.5137

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.2125	.58370	Q.91418	Q.87737	3.8456	8.2173	.01976
SDev	.0014	.00202	.00521	.01103	.0002	.0005	.00255
%RSD	.11229	.34668	.57023	1.2568	.00644	.00652	12.905
#1	1.2134	.58513	Q.91049	Q.86958	3.8455	8.2170	.01796
#2	1.2115	.58227	Q.91787	Q.88517	3.8458	8.2177	.02157

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10055	.70608	.86752	Q.94612	.57177	.58905	Q.91599
SDev	.00011	.00405	.00042	.00140	.00030	.00361	.00237
%RSD	.10582	.57403	.04804	.14794	.05153	.61199	.25918
#1	.10062	.70894	.86723	Q.94711	.57156	.59160	Q.91766
#2	.10047	.70321	.86782	Q.94513	.57197	.58651	Q.91431

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	Q.91118	Q.87797	Q.87513
SDev	.00900	.00846	.01210
%RSD	.98781	.96355	1.3822
#1	Q.90481	Q.87199	Q.86658
#2	Q.91754	Q.88395	Q.88368

Method: TSOIL Sample Name: LCS 0429B Operator: WGL
Run Time: 06/03/94 10:41:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q.05946	3.7572	Q.08540	.00076	Q.07144	Q.02867	Q2.7833
SDev	.00009	.0116	.00150	.00047	.00000	.00010	.0008
%RSD	.15271	.30990	1.7614	62.169	.00040	.33873	.02790
#1	Q.05953	3.7654	Q.08434	.00042	Q.07144	Q.02874	Q2.7827
#2	Q.05940	3.7489	Q.08647	.00109	Q.07144	Q.02860	Q2.7838

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q2.8360	Q.06636	Q.19707	Q.04922	Q.08622	Q9.3171	Q3.4801
SDev	.0031	.00005	.00011	.00036	.00000	.0332	.0331
%RSD	.10830	.08116	.05486	.72973	.00192	.35664	.95201
#1	Q2.8382	Q.06640	Q.19715	Q.04947	Q.08622	Q9.3405	Q3.5036
#2	Q2.8338	Q.06632	Q.19700	Q.04896	Q.08621	Q9.2936	Q3.4567

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Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q3.9290	Q2.7531	Q2.9672	Q.16574	Q.10990	Q.51287	Q.64373
SDev	.2630	.0005	.0016	.00004	.00014	.00098	.09900
%RSD	6.6937	.01912	.05528	.02509	.12872	.19198	15.380
#1	Q4.1150	Q2.7535	Q2.9661	Q.16572	Q.11000	Q.51357	Q.71374
#2	Q3.7430	Q2.7527	Q2.9684	Q.16577	Q.10980	Q.51218	Q.57372

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q.12254	Q.05905	Q.09601	Q.08785	.38438	.82134	-.00083
SDev	.00003	.00061	.00053	.00569	.01215	.02600	.00213
%RSD	.02180	1.0343	.55133	6.4723	3.1613	3.1653	257.13
#1	Q.12256	Q.05948	Q.09563	Q.08383	.37579	.80295	-.00233
#2	Q.12252	Q.05862	Q.09638	Q.09187	.39297	.83972	.00068

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01004	Q.07164	Q.08653	Q.09768	Q.05657	Q.05939	Q.09215
SDev	.00004	.00341	.00021	.00001	.00094	.00044	.00309
%RSD	.35456	4.7645	.24435	.00491	1.6713	.74705	3.3532
#1	.01007	Q.06923	Q.08668	Q.09767	Q.05724	Q.05970	Q.08997
#2	.01002	Q.07406	Q.08638	Q.09768	Q.05590	Q.05907	Q.09434

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	Q.09598	Q.08278	Q.08829
SDev	.00096	.00469	.00618
%RSD	1.0014	5.6648	7.0041
#1	Q.09666	Q.07946	Q.08391
#2	Q.09530	Q.08610	Q.09266

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Method: TSOIL Sample Name: 941301S-001 98 Operator: WGL
Run Time: 06/03/94 10:46:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02524	H120.72	.03726	.17595	.40396	.02135	S20.847
SDev	.00013	3.39	.00637	.02622	.00996	.00005	10.014
%RSD	.52879	2.8094	17.091	14.902	2.4665	.24784	48.034
#1	.02515	H118.33	.04177	.19449	.39691	.02139	S27.928
#2	.02534	H123.12	.03276	.15741	.41100	.02132	S13.766

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	[illegible]	.00071	.11390	.34295	.22521	H301.43	28.233
SDev	[illegible]	.00052	.00249	.00632	.01217	7.38	4.757
%RSD	2.8144	72.949	2.1830	1.8432	5.4033	2.4485	16.850

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#1	137.21	.00035	.11566	.34742	.23382	H296.21	24.869
#2	142.79	.00108	.11214	.33848	.21661	H306.65	31.597

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L24.086	S194.62	43.336	1.6441	.01848	H6.1609	4.8920
SDev	1.465	.18	1.156	.0195	.02610	.1845	.2497
%RSD	6.0826	.09171	2.6682	1.1886	141.23	2.9944	5.1040
#1	L23.050	S194.75	42.518	1.6303	.03693	H6.0305	4.7154
#2	25.122	S194.49	44.154	1.6579	.00002	H6.2914	5.0685

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.25265	.10541	.00205	.00565	5.6109	11.994	.04291
SDev	.00420	.01277	.00006	.00180	.1302	.279	.03741
%RSD	1.6631	12.118	2.7818	31.843	2.3206	2.3224	87.181
#1	.24968	.09638	.00201	.00438	5.5189	11.797	.06936
#2	.25562	.11445	.00209	.00692	5.7030	12.190	.01646

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.3155	.12697	.28261	.56864	.09258	.11122	-.00527
SDev	.0291	.15207	.02597	.00924	.01038	.02476	.03460
%RSD	2.2096	119.77	9.1892	1.6258	11.211	22.260	656.44
#1	1.2949	.23449	.30098	.56210	.09992	.09371	-.02974
#2	1.3361	.01944	.26425	.57518	.08524	.12873	.01920

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00361	.03801	-.01245
SDev	.01719	.02476	.01485
%RSD	476.02	65.153	119.26
#1	.01577	.05552	-.02295
#2	-.00854	.02050	-.00195

Method: TSOIL Sample Name: 941301S-001 490 Operator: WGL
Run Time: 06/03/94 10:55:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00280	H25.431	.00653	.03125	.08366	.00450	S21.118
SDev	.00026	.015	.00358	.00028	.00000	.00003	9.967
%RSD	9.2067	.05825	54.818	.90508	.00023	.57550	47.195
#1	-.00298	H25.441	.00906	.03145	.08366	.00452	S28.166
#2	-.00261	H25.420	.00400	.03105	.08366	.00448	S14.071

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	29.068	-.00017	.02156	.07025	.04464	H64.036	5.7430

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SDev	.002	.00010	.00032	.00021	.00001	.092	.0294
%RSD	.00710	54.998	1.5045	.30678	.01041	.14442	.51174
#1	29.070	-.00024	.02179	.07040	.04464	H64.101	5.7222
#2	29.067	-.00011	.02133	.07009	.04464	H63.970	5.7638

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.7803	H8.7455	9.1679	.34374	-.00061	1.1342	L.95976
SDev	.3000	.0159	.0123	.00014	.00028	.0010	.02611
%RSD	6.2767	.18173	.13417	.04181	46.799	.08475	2.7207
#1	L4.5681	H8.7567	9.1766	.34384	-.00081	1.1349	L.94130
#2	L4.9925	H8.7343	9.1592	.34364	-.00041	1.1335	L.97822

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05355	.02397	.00241	-.00208	1.1762	2.5141	.00203
SDev	.00032	.00011	.00049	.00271	.0068	.0146	.00064
%RSD	.60391	.45205	20.219	130.22	.58036	.58058	31.427
#1	.05332	.02405	.00206	-.00400	1.1810	2.5244	.00158
#2	.05378	.02390	.00275	-.00017	1.1713	2.5038	.00248

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.27674	.00469	.05453	.11892	.01897	.02617	.00073
SDev	.00018	.00230	.00022	.00031	.00088	.00028	.00268
%RSD	.06447	48.986	.39631	.25959	4.6470	1.0608	368.30
#1	.27687	.00631	.05468	.11871	.01959	.02597	-.00117
#2	.27661	.00306	.05437	.11914	.01835	.02637	.00263

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00115	-.00310	-.00353
SDev	.00061	.00338	.00597
%RSD	53.228	109.07	169.15
#1	.00158	-.00071	-.00775
#2	.00072	-.00549	.00069

Method: TSOIL Sample Name: 941301S-001 MD Operator: WGL
Run Time: 06/03/94 10:57:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00329	H25.059	.00803	.03145	.08235	.00444	S21.120
SDev	.00070	.093	.00345	.00113	.00007	.00004	9.968
%RSD	21.391	.37182	42.942	3.5969	.08665	.81262	47.196
#1	-.00379	H24.993	.01046	.03065	.08240	.00446	S28.169
#2	-.00280	H25.125	.00559	.03225	.08230	.00441	S14.072

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	28.618	-.00014	.02049	.06898	.04459	H63.047	5.6208
SDev	.105	.00012	.00032	.00057	.00001	.168	.0223
%RSD	.36651	87.340	1.5831	.83311	.01915	.26627	.39700
#1	28.543	-.00023	.02072	.06938	.04458	H62.928	5.6366
#2	28.692	-.00005	.02026	.06857	.04460	H63.166	5.6051

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.7145	H8.6193	9.0356	.33859	.00040	1.1169	L.80650
SDev	.0718	.0312	.0205	.00092	.00113	.0010	.10449
%RSD	1.9337	.36157	.22690	.27039	282.78	.09378	12.956
#1	L3.7652	H8.5972	9.0211	.33794	-.00040	1.1162	L.88039
#2	L3.6637	H8.6413	9.0501	.33924	.00120	1.1177	L.73262

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05197	.02321	.00422	-.00102	1.1581	2.4755	.00008
SDev	.00046	.00125	.00176	.00281	.0077	.0165	.00128
%RSD	.88951	5.4018	41.736	275.63	.66725	.66742	1697.1
#1	.05164	.02233	.00547	-.00300	1.1636	2.4871	-.00083
#2	.05230	.02410	.00298	.00097	1.1526	2.4638	.00098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.27270	.00513	.05312	.11715	.01786	.02559	.00367
SDev	.00076	.00113	.00084	.00019	.00154	.00111	.00323
%RSD	.28030	21.936	1.5878	.16499	8.6178	4.3446	88.010
#1	.27216	.00434	.05252	.11702	.01677	.02480	.00595
#2	.27324	.00593	.05371	.11729	.01895	.02637	.00139

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00240	.00190	-.00442
SDev	.00103	.00731	.00034
%RSD	42.925	384.95	7.7873
#1	.00313	-.00327	-.00467
#2	.00167	.00707	-.00418

Method: TSOIL Sample Name: 941301S-001 PDSPIKE Operator: WGL
Run Time: 06/03/94 11:04:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10152	H26.737	2.0893	.96950	2.1907	.05456	S21.121
SDev	.00106	.005	.0072	.00434	.0023	.00007	9.968
%RSD	1.0443	.01993	.34446	.44743	.10692	.12900	47.195

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#1	.10227	H26.741	2.0944	.97257	2.1890	.05461	S28.170
#2	.10077	H26.733	2.0842	.96643	2.1923	.05451	S14.073

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	28.407	.04489	.51417	.26813	.30482	H63.432	5.6821
SDev	.005	.00001	.00011	.00065	.00000	.003	.0391
%RSD	.01815	.02644	.02103	.24110	.00008	.00537	.68870
#1	28.403	.04489	.51424	.26767	.30482	H63.430	5.7098
#2	28.411	.04490	.51409	.26859	.30482	H63.435	5.6544

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L5.0955	H8.5893	8.9945	.84454	.47983	1.1623	L1.0400
SDev	.3970	.0071	.0197	.00041	.00170	.0004	.0174
%RSD	7.7921	.08294	.21882	.04805	.35417	.03213	1.6699
#1	L5.3762	H8.5943	9.0084	.84425	.47863	1.1625	L1.0277
#2	L4.8147	H8.5843	8.9806	.84483	.48103	1.1620	L1.0522

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52706	.50753	1.0170	2.1038	5.9968	12.822	1.0314
SDev	.00087	.00089	.0012	.0061	.0309	.066	.0021
%RSD	.16553	.17520	.11485	.28794	.51487	51514	.20608
#1	.52644	.50816	1.0178	2.1081	6.0187	12.869	1.0329
#2	.52767	.50690	1.0162	2.0995	5.9750	12.776	1.0299

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.3324	1.9557	.53296	.64055	.49643	.51247	1.0200
SDev	.0009	.0039	.00083	.00133	.00152	.00252	.0027
%RSD	.06830	.19711	.15622	.20811	.30668	.49118	.26457
#1	1.3317	1.9530	.53237	.64149	.49535	.51425	1.0219
#2	1.3330	1.9584	.53355	.63961	.49750	.51069	1.0181

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	1.0134	2.0856	2.1108
SDev	.0004	.0020	.0081
%RSD	.03987	.09534	.38324
#1	1.0137	2.0870	2.1166
#2	1.0131	2.0842	2.1051

Method: TSOIL Sample Name: 941301S-001 PDSPIKE Operator: WGL
Run Time: 06/03/94 11:04:12
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	.10152	H26.737	2.0893	.96950	2.1907	.05456	S21.121

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SDev	.00106	.005	.0072	.00434	.0023	.00007	9.968
%RSD	1.0443	.01993	.34446	.44743	.10692	.12900	47.195
#1	.10227	H26.741	2.0944	.97257	2.1890	.05461	S28.170
#2	.10077	H26.733	2.0842	.96643	2.1923	.05451	S14.073

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	28.407	.04489	.51417	.26813	.30482	H63.432	5.6821
SDev	.005	.00001	.00011	.00065	.00000	.003	.0391
%RSD	.01815	.02644	.02103	.24110	.00008	.00537	.68870
#1	28.403	.04489	.51424	.26767	.30482	H63.430	5.7098
#2	28.411	.04490	.51409	.26859	.30482	H63.435	5.6544

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L5.0955	H8.5893	8.9945	.84454	.47983	1.1623	L1.0400
SDev	.3970	.0071	.0197	.00041	.00170	.0004	.0174
%RSD	7.7921	.08294	.21882	.04805	.35417	.03213	1.6699
#1	L5.3762	H8.5943	9.0084	.84425	.47863	1.1625	L1.0277
#2	L4.8147	H8.5843	8.9806	.84483	.48103	1.1620	L1.0522

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52706	.50753	1.0170	2.1038	5.9968	12.822	1.0314
SDev	.00087	.00089	.0012	.0061	.0309	.066	.0021
%RSD	.16553	.17520	.11485	.28794	.51487	.51514	.20608
#1	.52644	.50816	1.0178	2.1081	6.0187	12.869	1.0329
#2	.52767	.50690	1.0162	2.0995	5.9750	12.776	1.0299

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.3324	1.9557	.53296	.64055	.49643	.51247	1.0200
SDev	.0009	.0039	.00083	.00133	.00152	.00252	.0027
%RSD	.06830	.19711	.15622	.20811	.30668	.49118	.26457
#1	1.3317	1.9530	.53237	.64149	.49535	.51425	1.0219
#2	1.3330	1.9584	.53355	.63961	.49750	.51069	1.0181

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	1.0134	2.0856	2.1108
SDev	.0004	.0020	.0081
%RSD	.03987	.09534	.38324
#1	1.0137	2.0870	2.1166
#2	1.0131	2.0842	2.1051

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ethod: TSOIL Sample Name: CCV 0511I Operator: WGL
Run Time: 06/03/94 11:06:00
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00230	9.2778	2.5973	2.3365	5.1838	2.4134	.98815
SDev	.00151	.0023	.0038	.0029	.0125	.0055	.01892
%RSD	65.448	.02437	.14643	.12503	.24089	.22658	1.9151
#1	-.00124	9.2794	2.6000	2.3344	5.1750	2.4095	1.0015
#2	-.00337	9.2762	2.5946	2.3385	5.1927	2.4172	.97477

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0476	.98249	2.5216	2.5631	2.6348	4.9674	9.4158
SDev	.0195	.00010	.0018	.0043	.0042	.0717	.1398
%RSD	1.8646	.01055	.07288	.16815	.15857	1.4427	1.4850
#1	1.0614	.98242	2.5203	2.5600	2.6319	5.0181	9.5147
#2	1.0338	.98256	2.5229	2.5661	2.6378	4.9168	9.3169

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	7.7712	2.4698	2.6709	5.1178	2.4016	.93880	.79912
SDev	.1466	.0047	.0074	.0081	.0146	.00291	.00877
%RSD	1.8869	.19138	.27634	.15803	.60736	.30939	1.0969
#1	7.8749	2.4731	2.6761	5.1120	2.3912	.93674	.79292
#2	7.6675	2.4665	2.6657	5.1235	2.4119	.94085	.80532

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4558	.97938	2.5163	2.5475	24.012	51.322	2.5693
SDev	.0029	.00351	.0041	.0011	.019	.041	.0099
%RSD	.11781	.35858	.16334	.04131	.07940	.07934	.38468
#1	2.4579	.97689	2.5192	2.5468	23.999	51.293	2.5623
#2	2.4538	.98186	2.5134	2.5483	24.025	51.351	2.5763

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.0516	.96192	2.4380	2.5964	.96683	.98474	2.5194
SDev	.0120	.00787	.0025	.0008	.00021	.00537	.0111
%RSD	.23773	.81836	.10243	.02912	.02215	.54553	.43943
#1	5.0431	.95636	2.4362	2.5959	.96698	.98095	2.5116
#2	5.0601	.96749	2.4397	2.5969	.96668	.98854	2.5272

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.5127	2.5138	2.5624
SDev	.0117	.0048	.0038
%RSD	.46521	.19176	.14722
#1	2.5209	2.5172	2.5597
#2	2.5044	2.5104	2.5651

Method: TSOIL Sample Name: CCV 0511L Operator: WGL

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Run Time: 06/03/94 11:09:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5201	.00566	-.00131	.00320	-.00586	.00037	S16.192
SDev	.0063	.00325	.00004	.00028	.00429	.00002	.068
%RSD	.24983	57.369	2.9171	8.8723	73.176	6.1218	.42143
#1	2.5157	.00795	-.00133	.00300	-.00283	.00039	S16.144
#2	2.5246	.00336	-.00128	.00340	-.00890	.00036	S16.240

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	99.069	-.00023	-.00023	.00249	.00000	.05903	S1000.0
SDev	.383	.00027	.00216	.00194	.00000	.06813	93.5
%RSD	.38611	117.64	942.81	77.926	84.670	115.42	2.6344
#1	98.798	-.00042	.00130	.00386	.00000	.01085	S1000.0
#2	99.339	-.00004	-.00176	.00112	.00001	.10721	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	91.982	S194.16	100.21	.00178	.00150	S92.297	46.286
SDev	1.198	.11	.32	.00410	.00000	.000	.292
%RSD	1.3028	.05708	.32405	230.53	.00259	.00001	.63008
#1	91.135	S194.08	99.985	.00467	.00150	S92.297	46.080
#2	92.830	S194.24	100.44	-.00112	.00150	S92.297	46.493

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00032	.00169	.00332	-.00056	.00634	.01352	-.00203
SDev	.00066	.00002	.00038	.00427	.00365	.00784	.00425
%RSD	205.44	1.2500	11.541	758.75	57.586	57.968	209.51
#1	-.00078	.00167	.00359	.00245	.00376	.00798	-.00503
#2	.00014	.00170	.00305	-.00358	.00892	.01907	.00098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00226	.00259	.00104	-.00849	.00190	.00098	-.00289
SDev	.00404	.00684	.00062	.00197	.00235	.00078	.00187
%RSD	179.15	264.58	59.998	23.156	123.72	79.276	64.589
#1	.00512	-.00225	.00060	-.00710	.00355	.00043	-.00157
#2	-.00060	.00742	.00148	-.00988	.00024	.00153	-.00421

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00433	-.00507	-.00041
SDev	.00036	.00485	.00398
%RSD	8.2709	95.605	969.94
#1	.00407	-.00164	.00240
#2	.00458	-.00850	-.00322

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Method: TSOIL Sample Name: CCB 0509U Operator: WGL
Run Time: 06/03/94 11:13:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00848	.01873	-.00133	.00047	-.00011	.00019	.00311
SDev	.00058	.00318	.00114	.00038	.00006	.00005	.00012
%RSD	6.8072	16.965	85.696	80.816	56.360	25.428	3.8553
#1	-.00889	.02097	-.00214	.00073	-.00007	.00022	.00320
#2	-.00807	.01648	-.00053	.00020	-.00015	.00015	.00303

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00432	-.00017	-.00252	-.00025	-.00000	-.00215	.02179
SDev	.00002	.00006	.00065	.00022	.00000	.01404	.00699
%RSD	.56054	35.211	25.713	84.853	636.84	653.64	32.092
#1	.00434	-.00013	-.00298	-.00041	-.00000	-.01208	.01684
#2	.00430	-.00022	-.00206	-.00010	.00000	.00778	.02673

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1681	.00243	.00928	-.00003	.00070	.00079	.06991
SDev	.7428	.00008	.00246	.00009	.00113	.00002	.00886
%RSD	63.593	3.3101	26.516	282.20	161.67	2.2667	12.680
#1	.64283	.00238	.00754	-.00010	.00150	.00080	.07618
#2	1.6933	.00249	.01102	.00003	-.00010	.00078	.06364

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00128	-.00037	.00219	.00053	-.00579	-.01237	-.00075
SDev	.00033	.00003	.00031	.00254	.00132	.00283	.00074
%RSD	25.961	9.4167	14.140	475.48	22.875	22.910	98.995
#1	-.00104	-.00039	.00197	-.00126	-.00485	-.01037	-.00128
#2	-.00151	-.00034	.00241	.00233	-.00672	-.01438	-.00023

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00003	.00273	-.00015	-.00109	-.00042	-.00064	.00197
SDev	.00004	.00093	.00021	.00037	.00075	.00043	.00002
%RSD	140.76	34.258	141.80	33.770	179.29	66.744	1.1232
#1	-.00000	.00339	-.00030	-.00135	.00011	-.00094	.00199
#2	-.00005	.00207	.00000	-.00083	-.00095	-.00034	.00195

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00035	-.00019	-.00120
	.00026	.00182	.00290
	75.160	942.41	241.46

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#1	.00016	-.00148	-.00325
#2	.00054	.00110	.00085

Method: TSOIL Sample Name: 941301S-001 MS PIKE5 Operator: WGL
Run Time: 06/03/94 11:15:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02498	H49.420	.42678	.20758	.53306	.01818	S24.457
SDev	.00037	.257	.00286	.00113	.00293	.00000	11.564
%RSD	1.4886	.52079	.66930	.54480	.54928	.00249	47.283
#1	.02472	H49.238	.42476	.20678	.53099	.01818	S32.635
#2	.02524	H49.602	.42880	.20838	.53513	.01818	S16.280

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	50.953	.00913	.12361	.15126	.09979	H72.869	8.1583
SDev	.342	.00022	.00043	.00057	.00211	.454	.3443
%RSD	.67197	2.4612	.34983	.37991	2.1177	.62340	4.2206
#1	50.711	.00897	.12330	.15085	.09830	H72.548	7.9148
#2	51.195	.00929	.12392	.15166	.10129	H73.190	8.4018

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.0967	H11.873	12.342	.48987	.08182	1.2674	L1.3552
SDev	.5632	.054	.080	.00265	.00113	.0073	.0919
%RSD	6.1915	.45501	.64451	.54117	1.3809	.57678	6.7815
#1	L8.6984	H11.835	12.286	.48800	.08102	1.2622	L1.2902
#2	L9.4949	H11.911	12.398	.49174	.08262	1.2726	L1.4202

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15781	.12400	.04945	.42206	1.6063	3.4329	.20402
SDev	.00017	.00027	.00112	.00567	.0069	.0148	.00340
%RSD	.11016	.21579	2.2650	1.3427	.43230	.43230	1.6668
#1	.15768	.12381	.05024	.41805	1.6014	3.4224	.20643
#2	.15793	.12419	.04866	.42607	1.6113	3.4434	.20162

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.54189	.41207	.18588	.23947	.11492	.12793	.04662
SDev	.00302	.00126	.00141	.00184	.00248	.00122	.00360
%RSD	.55807	.30647	.76042	.76989	2.1606	.95107	7.7139
#1	.53976	.41296	.18688	.23817	.11667	.12707	.04408
#2	.54403	.41118	.18488	.24078	.11316	.12879	.04917

Elem	Pb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
	.04876	.42494	.41868

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SDev	.00347	.00095	.00781
%RSD	7.1261	.22252	1.8660
#1	.05122	.42427	.41315
#2	.04630	.42561	.42420

Method: TSOIL Sample Name: 941301S-001 25 S.D. Operator: WGL
Run Time: 06/03/94 11:17:27
Comment: 5X SERIAL DILUTION OF 5X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00871	5.1514	.00174	.00738	.01674	.00108	S32.888
SDev	.00061	.0085	.00209	.00019	.00000	.00007	.000
%RSD	7.0455	.16437	120.56	2.5548	.00171	6.5705	.00025
#1	-.00914	5.1454	.00322	.00752	.01674	.00113	S32.888
#2	-.00828	5.1574	.00026	.00725	.01674	.00103	S32.888

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.8929	-.00026	.00183	.01427	.00953	H13.075	1.0369
SDev	.0031	.00024	.00011	.00050	.00000	.012	.0164
%RSD	.05253	92.390	5.8926	3.5230	.00679	.09455	1.5862
#1	5.8907	-.00009	.00191	.01392	.00953	H13.066	1.0485
#2	5.8951	-.00043	.00176	.01463	.00953	H13.084	1.0252

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L1.9056	1.7315	L1.8771	.06958	.00044	.20739	L.36240
SDev	.1985	.0011	.0049	.00018	.00085	.00023	.18116
%RSD	10.415	.06108	.26213	.26007	193.59	.11314	49.987
#1	L2.0459	1.7308	L1.8736	.06945	-.00016	.20756	L.49050
#2	L1.7653	1.7323	L1.8805	.06971	.00104	.20723	L.23431

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01008	.00565	-.00001	.00160	.23270	.49739	.00053
SDev	.00051	.00011	.00186	.00351	.00290	.00622	.00234
%RSD	5.0660	1.8681	17507.	219.23	1.2481	1.2505	444.47
#1	.00972	.00572	-.00132	-.00088	.23475	.50179	-.00113
#2	.01044	.00557	.00130	.00409	.23065	.49300	.00218

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05597	.00197	.01113	.02635	.00445	.00535	-.00147
SDev	.00009	.00267	.00000	.00008	.00052	.00042	.00107
%RSD	.15925	135.67	.02136	.29809	11.580	7.7681	72.702
#1	.05591	.00386	.01113	.02640	.00408	.00564	-.00071
#2	.05604	.00008	.01114	.02629	.00481	.00505	-.00222

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00138	.00081	-.00010
SDev	.00332	.00066	.00560
%RSD	239.66	81.795	5593.9
#1	-.00373	.00128	-.00406
#2	.00096	.00034	.00386

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Method: TSOIL Sample Name: 941301S-001 4900 Operator: WGL
Run Time: 06/03/94 11:19:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00922	2.6401	.00008	.00306	.00864	.00068	H3.4916
SDev	.00048	.0021	.00276	.00009	.00000	.00005	.0039
%RSD	5.2168	.08006	3399.4	3.0830	.00002	7.0543	.11134
#1	-.00888	2.6416	.00203	.00299	.00864	.00071	H3.4888
#2	-.00956	2.6386	-.00187	.00312	.00864	.00065	H3.4943

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.0086	-.00021	.00008	.00742	.00477	6.6650	.54281
SDev	.0000	.00004	.00022	.00029	.00209	.0166	.08673
%RSD	.00081	20.383	282.84	3.8746	43.775	.24904	15.978
#1	3.0086	-.00018	.00023	.00721	.00330	6.6767	.60414
#2	3.0086	-.00024	-.00008	.00762	.00625	6.6532	.48148

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L1.6670	.87843	L.96144	.03561	.00127	.10643	L.27935
SDev	.6932	.00021	.00574	.00004	.00028	.00169	.02566
%RSD	41.587	.02448	.59707	.12218	22.298	1.5925	9.1863
#1	L2.1572	.87828	L.96550	.03558	.00147	.10763	L.29750
#2	L1.1768	.87858	L.95738	.03564	.00107	.10524	L.26120

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00504	.00373	.00040	.00032	.11733	.25078	-.00023
SDev	.00032	.00089	.00356	.00341	.00078	.00168	.00213
%RSD	6.3286	23.890	894.42	1079.5	.66710	.66927	942.81
#1	.00526	.00436	-.00212	.00273	.11788	.25197	-.00173
#2	.00481	.00310	.00292	-.00209	.11677	.24959	.00128

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02846	.00186	.00558	.01548	.00247	.00376	-.00011
SDev	.00004	.00399	.00000	.00007	.00142	.00105	.00394
%RSD	.12540	213.78	.01169	.48180	57.175	28.042	3748.0

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#1	.02848	-.00095	.00558	.01543	.00348	.00450	-.00289
#2	.02843	.00468	.00558	.01553	.00147	.00301	.00268

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00145	.00003	-.00164
SDev	.00338	.00022	.00500
%RSD	233.08	736.02	304.64
#1	-.00384	.00019	.00189
#2	.00094	-.00013	-.00518

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Method: TSOIL Sample Name: 941301S-001 MD Operator: WGL
Run Time: 06/03/94 11:20:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00894	2.4476	-.00105	.00306	.00643	.00063	H3.1538
SDev	.00049	.0011	.00150	.00066	.00216	.00000	.0019
%RSD	5.4952	.04301	143.30	21.579	33.546	.08820	.05885
#1	-.00929	2.4469	-.00211	.00259	.00796	.00062	H3.1525
#2	-.00860	2.4484	.00001	.00353	.00491	.00063	H3.1551

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.7970	-.00031	-.00031	.00691	.00327	6.1970	.43202
SDev	.0031	.00017	.00076	.00057	.00000	.0000	.05208
%RSD	.10913	53.100	247.49	8.3189	.00017	.00053	12.054
#1	2.7948	-.00020	-.00084	.00650	.00327	6.1970	.46884
#2	2.7991	-.00043	.00023	.00731	.00327	6.1970	.39520

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L2.9549	.81471	L.89533	.03309	.00127	.09543	L.35460
SDev	.9085	.00019	.00410	.00005	.00028	.00137	.07742
%RSD	30.744	.02354	.45797	.13547	22.258	1.4338	21.832
#1	L2.3125	.81485	L.89243	.03306	.00107	.09446	L.29986
#2	L3.5973	.81458	L.89823	.03312	.00147	.09639	L.40935

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00473	.00243	-.00024	.00003	.10408	.22245	-.00023
SDev	.00007	.00038	.00344	.00387	.00290	.00621	.00000
%RSD	1.4784	15.855	1415.4	12603.	2.7850	2.7911	.00000
#1	.00478	.00270	-.00268	-.00271	.10613	.22684	-.00023
#2	.00468	.00216	.00219	.00277	.10203	.21806	-.00023

Elem	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	.02650	.00379	.00539	.01530	.00261	.00174	-.00621

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SDev	.00004	.00423	.00021	.00030	.00074	.00021	.00164
%RSD	.13437	111.54	3.8803	1.9333	28.263	12.390	26.404
#1	.02647	.00080	.00524	.01550	.00313	.00159	-.00736
#2	.02652	.00678	.00554	.01509	.00209	.00189	-.00505

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00063	-.00100	-.00155
SDev	.00434	.00138	.00649
%RSD	684.90	137.58	418.33
#1	-.00244	-.00003	-.00614
#2	.00371	-.00198	.00304

Method: TSOIL Sample Name: 941301S-001 PDSPIKE Operator: WGL
Run Time: 06/03/94 11:29:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09669	4.4664	2.1154	.96237	2.1941	.05200	H3.3340
SDev	.00754	.0064	.0002	.00245	.0032	.00003	.0030
%RSD	7.8013	.14291	.00721	.25477	.14612	.04793	.09052
#1	.09136	4.4619	2.1155	.96410	2.1919	.05202	H3.3319
#2	.10203	4.4709	2.1153	.96063	2.1964	.05198	H3.3361

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.9202	.04687	.52105	.22069	.28276	7.4792	.63408
SDev	.0031	.00001	.00097	.00050	.00627	.0153	.03495
%RSD	.10486	.01757	.18673	.22784	2.2179	.20519	5.5120
#1	2.9180	.04687	.52036	.22034	.28720	7.4900	.60937
#2	2.9224	.04688	.52173	.22105	.27833	7.4683	.65880

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.3634	.86706	L.95970	.57792	.49592	.13401	L.55132
SDev	.6279	.00078	.00328	.00009	.00085	.00053	.02579
%RSD	14.390	.08970	.34180	.01532	.17135	.39865	4.6787
#1	L3.9194	.86761	L.96202	.57786	.49652	.13363	L.53308
#2	L4.8074	.86651	L.95738	.57798	.49532	.13439	L.56955

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.53822	.51496	.18565	2.1601	5.0993	10.904	.18832
SDev	.00075	.00157	.00198	.0179	.0056	.012	.00330
%RSD	.13983	.30552	1.0689	.83006	.10890	.10886	1.7494
#1	.53768	.51607	.18706	2.1728	5.0954	10.896	.19065
#2	.53875	.51385	.18425	2.1475	5.1033	10.912	.18599

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Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1289	2.0263	.50194	.56448	.50491	.51968	.18432
SDev	.0005	.0115	.00083	.00006	.00695	.00583	.00664
%RSD	.04426	.56610	.16548	.01127	1.3770	1.1218	3.6015
#1	1.1285	2.0344	.50253	.56453	.49999	.52380	.18902
#2	1.1292	2.0182	.50135	.56444	.50983	.51556	.17963

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.18437	2.1239	2.1761
SDev	.00013	.0018	.0260
%RSD	.06884	.08583	1.1935
#1	.18428	2.1252	2.1945
#2	.18446	2.1226	2.1578

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ethod: TSOIL Sample Name: 941301S-001 250 S.D. Operator: WGL
Run Time: 06/03/94 11:31:24
Comment: 5X SERIAL DILUTION OF 50X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00936	.54209	-.00121	.00333	.00180	.00033	.53691
SDev	.00012	.00001	.00074	.00085	.00012	.00002	.00053
%RSD	1.2826	.00125	61.256	25.469	6.8650	7.0879	.09863
#1	-.00945	.54209	-.00174	.00393	.00171	.00035	.53728
#2	-.00928	.54210	-.00069	.00273	.00188	.00031	.53653

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.59829	-.00029	-.00191	.00157	-.00289	1.3158	.12581
SDev	.00102	.00018	.00000	.00021	.00000	.0030	.01111
%RSD	.17054	61.822	.00000	13.686	.00493	.22740	8.8274
#1	L.59901	-.00016	-.00191	.00142	-.00289	1.3137	.11796
#2	L.59756	-.00041	-.00191	.00173	-.00289	1.3179	.13366

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L2.6090	.17230	L.20180	.00693	.00099	.01734	L.25470
SDev	.3304	.00022	.00082	.00005	.00156	.00015	.09925
%RSD	12.664	.12594	.40639	.64424	156.58	.88470	38.968
#1	L2.8426	.17214	L.20238	.00696	.00210	.01723	L.18452
#2	L2.3753	.17245	L.20122	.00690	-.00011	.01745	L.32488

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00068	.00100	-.00007	.00270	.02261	.04834	-.00143
SDev	.00020	.00004	.00188	.00333	.00158	.00338	.00170
%RSD	28.890	3.9916	2624.7	123.20	7.0046	7.0031	119.09

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#1	.00054	.00097	-.00140	.00035	.02149	.04594	-.00263
#2	.00082	.00103	.00126	.00506	.02373	.05073	-.00023

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00566	.00209	.00144	.00538	-.00071	.00156	-.00024
SDev	.00004	.00277	.00021	.00037	.00007	.00010	.00154
%RSD	.62986	133.02	14.503	6.8398	10.406	6.2186	652.61
#1	.00569	.00012	.00129	.00512	-.00066	.00149	-.00133
#2	.00564	.00405	.00158	.00564	-.00076	.00162	.00085

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00209	-.00456	.00423
SDev	.00205	.00061	.00529
%RSD	98.357	13.303	125.16
#1	-.00354	-.00413	.00049
#2	-.00064	-.00499	.00797

Method: TSOIL Sample Name: 941293S-004 98 Operator: WGL
Run Time: 06/03/94 11:32:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00410	H42.398	.06043	.04237	.32657	.00758	S-.01122
SDev	.00025	.174	.00131	.00038	.00050	.00001	.00003
%RSD	6.0627	.40956	2.1740	.89308	.15352	.06549	.25250
#1	.00392	H42.276	.05950	.04263	.32621	.00758	S-.01120
#2	.00428	H42.521	.06135	.04210	.32692	.00758	S-.01124

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	262.19	.00596	.02202	.08995	.11004	H67.785	9.7190
SDev	.91	.00011	.00054	.00108	.00001	.246	.2367
%RSD	.34828	1.8515	2.4552	1.1978	.01185	.36268	2.4353
#1	261.54	.00588	.02163	.08919	.11004	H67.612	9.5517
#2	262.83	.00604	.02240	.09071	.11005	H67.959	9.8864

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L14.112	H8.7981	8.9133	1.4882	.00290	H3.0999	L2.4220
SDev	.089	.0333	.0328	.0047	.00043	.0095	.2116
%RSD	.63111	.37862	.36802	.31284	14.743	.30514	8.7377
#1	L14.049	H8.7746	8.8901	1.4849	.00320	H3.0932	L2.2724
#2	L14.175	H8.8217	8.9365	1.4915	.00259	H3.1065	2.5716

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	.07307	1.6628	.01836	.00376	3.8973	8.3342	.02623

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SDev	.00052	.0051	.00310	.00601	.0126	.0269	.00170
%RSD	.71414	.30540	16.892	159.63	.32269	.32255	6.4835
#1	.07270	1.6664	.01617	.00801	3.8884	8.3152	.02502
#2	.07344	1.6592	.02055	-.00048	3.9062	8.3532	.02743

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.89279	.00500	.11951	.68367	1.6248	1.6815	.02159
SDev	.00178	.00188	.00023	.00218	.0030	.0061	.00584
%RSD	.19906	37.550	.19363	.31830	.18633	.36289	27.060
#1	.89154	.00633	.11934	.68213	1.6270	1.6858	.02572
#2	.89405	.00367	.11967	.68521	1.6227	1.6772	.01746

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01480	.01085	-.00188
SDev	.00736	.00256	.00773
%RSD	49.706	23.602	411.74
#1	.00960	.01266	.00359
#2	.02000	.00904	-.00734

Method: TSOIL Sample Name: 941293S-004 MD Operator: WGL
Run Time: 06/03/94 11:35:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00123	H35.688	.05772	.03550	.31817	.00661	S-.01031
SDev	.00061	.036	.00057	.00028	.00003	.00002	.00001
%RSD	49.703	.10090	.98964	.79691	.00866	.31659	.08495
#1	.00166	H35.663	.05732	.03530	.31818	.00662	S-.01031
#2	.00080	H35.714	.05812	.03570	.31815	.00659	S-.01032

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	256.18	.00571	.02041	.07974	.10989	H64.794	8.1907
SDev	.30	.00013	.00022	.00014	.00000	.002	.0845
%RSD	.11641	2.2981	1.0593	.18016	.00011	.00331	1.0311
#1	255.96	.00562	.02056	.07984	.10989	H64.796	8.1310
#2	256.39	.00581	.02026	.07964	.10989	H64.793	8.2505

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L11.175	H7.8769	7.9768	1.4754	.00268	H3.0326	L2.2571
SDev	.165	.0043	.0074	.0001	.00000	.0028	.0076
RSD	1.4739	.05513	.09252	.00613	.01615	.09334	.33581
#1	L11.058	H7.8738	7.9716	1.4755	.00268	H3.0306	L2.2518
#2	L11.291	H7.8800	7.9820	1.4753	.00268	H3.0346	L2.2625

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Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06749	1.6435	.02063	-.00013	4.6328	9.9076	.02382
SDev	.00066	.0033	.00311	.00062	.0082	.0175	.00340
%RSD	.97633	.20247	15.061	460.79	.17660	.17666	14.276
#1	.06795	1.6411	.01843	-.00057	4.6270	9.8953	.02623
#2	.06702	1.6458	.02283	.00030	4.6386	9.9200	.02142

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.88003	.00739	.10704	.66222	1.6094	1.6599	.02375
SDev	.00015	.00100	.00042	.00067	.0044	.0032	.00131
%RSD	.01715	13.461	.38854	.10085	.27365	.19363	5.5377
#1	.88013	.00668	.10733	.66174	1.6062	1.6576	.02468
#2	.87992	.00809	.10674	.66269	1.6125	1.6622	.02282

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01697	.00136	-.00298
SDev	.00532	.00695	.00440
%RSD	31.315	512.94	147.68
#1	.01321	.00627	-.00608
#2	.02073	-.00356	.00013

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Method: TSOIL Sample Name: 941293S-004 980 Operator: WGL
Run Time: 06/03/94 11:37:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00853	4.3417	.00631	.00456	.03268	.00099	S24.560
SDev	.00074	.0339	.00404	.00207	.00014	.00003	11.586
%RSD	8.7099	.78071	63.919	45.463	.41878	2.6410	47.174
#1	-.00905	4.3657	.00917	.00603	.03278	.00101	S32.753
#2	-.00800	4.3178	.00346	.00310	.03258	.00097	S16.368

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	25.702	.00041	.00038	.00919	.00924	6.9749	.88639
SDev	.187	.00019	.00043	.00007	.00000	.0567	.05295
%RSD	.72821	46.100	113.14	.78134	.03257	.81275	5.9734
#1	25.834	.00027	.00008	.00914	.00924	7.0149	.84895
#2	25.569	.00054	.00069	.00924	.00924	6.9348	.92383

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.9106	.84503	L.91968	.15175	.00105	.26858	L.51409
SDev	.1346	.00439	.00082	.00109	.00057	.00536	.03802
%RSD	3.4428	.51931	.08917	.71498	54.018	1.9950	7.3960

#1	L3.8154	.84813	L.92026	.15252	.00065	.27237	L.54097
#2	L4.0058	.84192	L.91910	.15098	.00145	.26479	L.48720

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00768	.17235	.00010	.00379	.38483	.82295	.00263
SDev	.00058	.00205	.00056	.00099	.00552	.01180	.00106
%RSD	7.5941	1.1890	551.05	26.169	1.4340	1.4345	40.406
#1	.00810	.17380	.00050	.00449	.38873	.83129	.00188
#2	.00727	.17090	-.00029	.00309	.38093	.81460	.00338

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09057	.00362	.01134	.07223	.16571	.17476	-.00038
SDev	.00067	.00088	.00062	.00058	.00193	.00211	.00190
%RSD	.74299	24.162	5.4546	.80342	1.1633	1.2073	503.39
#1	.09105	.00424	.01090	.07264	.16707	.17625	-.00172
#2	.09010	.00300	.01177	.07182	.16435	.17327	.00097

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00176	-.00279	.00498
SDev	.00179	.00805	.00551
%RSD	101.57	288.61	110.68
#1	-.00050	-.00849	.00887
#2	-.00302	.00290	.00108

Method: TSOIL Sample Name: 941293S-004 MD Operator: WGL
Run Time: 06/03/94 11:38:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00858	3.7401	.00560	.00376	.03283	.00093	S24.562
SDev	.00004	.0201	.00025	.00038	.00028	.00003	11.592
%RSD	.43849	.53820	4.4199	10.025	.85449	2.8050	47.193
#1	-.00860	3.7544	.00543	.00403	.03263	.00095	S32.759
#2	-.00855	3.7259	.00578	.00350	.03303	.00091	S16.366

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	25.983	.00037	.00023	.00823	.00923	6.8412	.72472
SDev	.033	.00001	.00022	.00029	.00000	.0004	.06730
%RSD	.12669	2.5955	94.281	3.4919	.00063	.00629	9.2869
#1	26.006	.00036	.00038	.00843	.00923	6.8415	.67713
#2	25.959	.00038	.00008	.00803	.00923	6.8409	.77231

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.5190	.78015	L.85126	.15431	.00136	.26166	L.49282

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SDev	.2974	.00420	.00246	.00022	.00014	.00052	.06045
%RSD	8.4511	.53801	.28902	.14569	10.453	.19791	12.266
#1	L3.3087	.78312	L.85300	.15447	.00126	.26202	L.45007
#2	L3.7293	.77718	L.84952	.15415	.00146	.26129	L.53556

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00710	.17296	-.00023	-.00059	.47110	1.0075	.00113
SDev	.00047	.00056	.00137	.00163	.00449	.0096	.00191
%RSD	6.6103	.32169	583.44	276.63	.95285	.95259	169.71
#1	.00677	.17335	.00073	.00056	.47427	1.0143	-.00023
#2	.00743	.17256	-.00120	-.00174	.46793	1.0007	.00248

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09146	.00474	.01147	.07205	.17038	.17365	-.00075
SDev	.00009	.00217	.00000	.00030	.00067	.00008	.00065
%RSD	.09657	45.744	.00694	.41296	.39185	.04424	87.352
#1	.09152	.00627	.01147	.07226	.17085	.17370	-.00029
#2	.09140	.00320	.01147	.07183	.16990	.17359	.00121

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00208	-.00224	-.00172
SDev	.00172	.00232	.00150
%RSD	82.904	103.81	87.294
#1	-.00086	-.00059	-.00066
#2	-.00329	-.00388	-.00278

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Method: TSOIL Sample Name: CCV 0511I Operator: WGL
Run Time: 06/03/94 11:42:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00585	9.3259	2.6091	2.3519	5.2387	2.4479	.98210
SDev	.00016	.0201	.0068	.0041	.0046	.0043	.00166
%RSD	2.6974	.21552	.26204	.17233	.08709	.17552	.16869
#1	-.00573	9.3117	2.6042	2.3491	5.2355	2.4449	.98093
#2	-.00596	9.3401	2.6139	2.3548	5.2420	2.4510	.98327

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K 7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0417	.99267	2.5324	2.5863	2.6452	4.9621	9.5873
SDev	.0010	.00043	.0071	.0037	.0063	.0068	.0340
%RSD	.09841	.04343	.28176	.14164	.23711	.13706	.35502
#1	1.0410	.99237	2.5273	2.5837	2.6408	4.9572	9.5632
#2	1.0424	.99298	2.5374	2.5889	2.6496	4.9669	9.6114

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.8963	2.4859	2.7057	5.1675	2.4200	.95338	1.2301
SDev	.1150	.0035	.0008	.0071	.0035	.00220	.1212
%RSD	1.1618	.14061	.03032	.13665	.14629	.23121	9.8486
#1	9.8150	2.4834	2.7051	5.1625	2.4175	.95182	1.3158
#2	9.9776	2.4884	2.7063	5.1724	2.4225	.95494	1.1445

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4855	.98636	2.5243	2.5634	24.187	51.695	2.5857
SDev	.0004	.00395	.0013	.0015	.046	.099	.0064
%RSD	.01683	.40024	.05312	.06008	.19216	.19220	.24660
#1	2.4858	.98916	2.5233	2.5623	24.154	51.625	2.5812
#2	2.4852	.98357	2.5252	2.5645	24.219	51.765	2.5903

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.0912	.97329	2.4617	2.6111	.96832	.99447	2.5259
SDev	.0059	.00339	.0002	.0052	.00121	.00532	.0032
%RSD	.11566	.34847	.00886	.19774	.12498	.53442	.12667
#1	5.0871	.97089	2.4615	2.6074	.96918	.99823	2.5236
#2	5.0954	.97569	2.4618	2.6147	.96747	.99071	2.5281

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.5214	2.5187	2.5836
SDev	.0004	.0072	.0013
%RSD	.01638	.28696	.05030
#1	2.5211	2.5136	2.5845
#2	2.5217	2.5238	2.5827

Method: TSOIL Sample Name: CCV 0511L Operator: WGL
Run Time: 06/03/94 11:43:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5206	.01386	-.00122	.00900	-.00847	.00056	S16.138
SDev	.0044	.00842	.00343	.00377	.00050	.00014	.000
%RSD	.17417	60.748	280.29	41.905	5.8994	25.657	.00126
#1	2.5237	.01982	.00120	.01167	-.00812	.00066	S16.138
#2	2.5175	.00791	-.00365	.00633	-.00882	.00046	S16.138

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	99.198	-.00013	-.00222	.00061	-.00148	-.00887	S1000.0
SDev	.265	.00030	.00022	.00014	.00209	.01746	1.2
%RSD	.26745	235.49	9.7532	23.570	141.30	196.82	.03409

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#1	99.386	.00008	-.00206	.00071	-.00296	.00347	S1000.0
#2	99.010	-.00034	-.00237	.00051	-.00000	-.02121	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	94.814	S194.06	100.62	-.00098	.00591	S92.297	46.743
SDev	.192	.00	.30	.00013	.00340	.000	.163
%RSD	.20206	.00162	.29829	12.892	57.529	.00001	.34854
#1	94.949	S194.06	100.83	-.00089	.00831	S92.297	46.858
#2	94.678	S194.06	100.41	-.00107	.00350	S92.297	46.628

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00017	.00290	-.00313	.00056	.01662	.03554	.00075
SDev	.00025	.00029	.00446	.00101	.01662	.03555	.00138
%RSD	148.29	10.055	142.70	181.86	100.02	100.04	183.85
#1	.00034	.00311	-.00628	-.00016	.02837	.06067	.00173
#2	-.00001	.00270	.00003	.00127	.00486	.01040	-.00023

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00045	.00203	.00074	-.00982	.00182	.00284	-.00343
SDev	.00014	.00287	.00021	.00010	.00151	.00161	.00820
%RSD	30.319	141.68	28.034	1.0391	83.000	56.763	239.27
#1	-.00035	.00406	.00059	-.00989	.00075	.00399	-.00923
#2	-.00054	-.00000	.00088	-.00975	.00288	.00170	.00237

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00508	-.00551	.00148
SDev	.00259	.00116	.00209
%RSD	51.112	21.071	141.23
#1	-.00691	-.00468	.00000
#2	-.00324	-.00633	.00296

Method: TSOIL Sample Name: CCB 0509U Operator: WGL
Run Time: 06/03/94 11:44:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00940	.02545	-.00117	.00227	-.00015	.00022	.00494
SDev	.00037	.00213	.00069	.00028	.00000	.00005	.00193
%RSD	3.9409	8.3724	58.526	12.478	.12420	20.750	39.162
#1	-.00966	.02696	-.00166	.00247	-.00015	.00026	.00630
#2	-.00914	.02395	-.00069	.00207	-.00015	.00019	.00357

Elem	Cd3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	.00716	-.00021	-.00252	-.00015	-.00148	-.00131	.02978

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SDev	.00206	.00016	.00043	.00007	.00209	.00510	.02391
%RSD	28.766	77.617	17.142	47.140	141.43	389.50	80.304
#1	.00862	-.00032	-.00283	-.00020	-.00296	-.00491	.04669
#2	.00570	-.00009	-.00222	-.00010	.00000	.00229	.01287

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.8850	.00424	.01914	-.00006	.00160	.00791	.31649
SDev	.1648	.00215	.00656	.00004	.00071	.00154	.06476
%RSD	5.7118	50.757	34.284	68.684	44.201	19.430	20.463
#1	2.7684	.00576	.02377	-.00003	.00210	.00900	.36228
#2	3.0015	.00272	.01450	-.00010	.00110	.00683	.27069

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00072	.00123	-.00048	-.00198	-.00075	-.00160	-.00195
SDev	.00047	.00154	.00053	.00148	.00211	.00452	.00074
%RSD	65.622	124.36	109.66	74.795	282.79	283.28	38.075
#1	-.00105	H.00232	-.00011	-.00093	.00075	.00160	-.00248
#2	-.00038	.00015	-.00085	-.00303	-.00224	-.00479	-.00143

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00005	.00117	.00029	-.00088	.00287	-.00018	-.00069
SDev	.00000	.00315	.00083	.00007	.00298	.00039	.00201
%RSD	.11141	269.37	283.55	7.6734	103.80	215.91	292.07
#1	-.00005	-.00106	-.00029	-.00093	.00498	.00010	-.00211
#2	-.00005	.00340	.00088	-.00084	.00076	-.00046	.00073

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00233	-.00492	-.00261
SDev	.00201	.00265	.00090
%RSD	86.332	53.895	34.351
#1	-.00091	-.00304	-.00198
#2	-.00375	-.00679	-.00325

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Method: TSOIL Sample Name: 941293S-006 100 Operator: WGL
Run Time: 06/03/94 11:47:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00809	H64.714	.06968	.04342	.57452	.01282	S-.01409
SDev	.00098	1.490	.00548	.00139	.01236	.00024	.00018
%RSD	12.153	2.3030	7.8696	3.1942	2.1519	1.8708	1.2664
#1	.00878	H63.660	.06580	.04244	.56578	.01265	S-.01397
#2	.00739	H65.768	.07355	.04440	.58327	.01299	S-.01422

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H386.89	.00113	.06085	.12957	.08343	H174.51	13.968
SDev	8.33	.00021	.00054	.00180	.00021	3.79	1.506
%RSD	2.1535	18.223	.88833	1.3859	.24847	2.1727	10.779
#1	H380.99	.00098	.06047	.12830	.08328	H171.83	12.903
#2	H392.78	.00127	.06123	.13084	.08358	H177.20	15.033

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L19.121	H12.609	12.597	4.9804	.00473	H3.0384	L2.2131
SDev	.096	.307	.272	.1094	.00115	.0691	.1359
%RSD	.50377	2.4360	2.1614	2.1963	24.325	2.2745	6.1394
#1	L19.189	H12.392	12.404	4.9030	.00554	H2.9895	L2.3092
#2	L19.053	H12.827	12.789	5.0577	.00392	H3.0872	L2.1170

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15076	.09447	-.00066	-.00240	4.2554	9.0986	.01525
SDev	.00319	.00080	.00175	.00137	.0919	.1965	.00213
%RSD	2.1167	.84544	266.93	57.179	2.1593	2.1595	13.933
#1	.14850	.09503	-.00190	-.00338	4.1905	8.9597	.01375
#2	.15301	.09390	.00058	-.00143	4.3204	9.2376	.01676

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.84378	.01155	.21928	.36646	.07944	.10137	.00680
SDev	.01817	.00140	.00490	.00998	.00009	.00073	.00055
%RSD	2.1533	12.168	2.2326	2.7230	.11413	.71824	8.0573
#1	.83093	.01056	.21582	.35940	.07950	.10189	.00719
#2	.85662	.01254	.22274	.37351	.07938	.10086	.00641

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00633	.00470	-.00805
SDev	.00269	.00134	.00273
%RSD	42.520	28.483	33.904
#1	-.00823	.00565	-.00998
#2	-.00443	.00375	-.00612

Method: TSOIL Sample Name: 941293S-006 MS PIKE Operator: WGL
Run Time: 06/03/94 11:51:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.13267	H135.86	2.1245	.98350	2.7042	.07271	S-.02299
SDev	.00014	.02	.0086	.00056	.0049	.00022	.00001
%RSD	.10144	.01791	.40690	.05742	.18186	.30307	.02922

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#1	.13257	H135.88	2.1306	.98390	2.7077	.07286	S-.02299
#2	.13276	H135.84	2.1184	.98310	2.7008	.07255	S-.02300

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H281.48	.04511	.54428	.39628	.33865	H194.23	25.200
SDev	.17	.00014	.00054	.00029	.00001	.11	.201
%RSD	.06210	.31862	.09931	.07250	.00186	.05791	.79895
#1	H281.36	.04522	.54467	.39607	.33865	H194.31	25.058
#2	H281.61	.04501	.54390	.39648	.33864	H194.15	25.343

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L23.235	S194.74	19.320	5.0825	.46420	H3.7998	2.8650
SDev	.367	.00	.001	.0041	.00071	.0014	.0214
%RSD	1.5799	.00017	.00425	.08163	.15247	.03578	.74535
#1	L22.975	S194.74	19.321	5.0854	.46470	H3.8008	2.8499
#2	L23.494	S194.74	19.320	5.0795	.46370	H3.7989	2.8801

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.64617	.55801	.51428	2.0761	4.6278	9.8908	.98886
SDev	.00156	.00063	.00089	.0109	.0024	.0052	.00106
%RSD	.24120	.11280	.17335	.52676	.05238	.05238	.10747
#1	.64507	.55756	.51491	2.0684	4.6261	9.8871	.98811
#2	.64728	.55845	.51365	2.0838	4.6295	9.8944	.98961

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.7061	1.9315	.79007	.91178	.52397	.57470	.52538
SDev	.0024	.0120	.00146	.00021	.00087	.00051	.00230
%RSD	.14043	.62067	.18510	.02331	.16687	.08824	.43815
#1	1.7078	1.9400	.79111	.91193	.52336	.57434	.52375
#2	1.7044	1.9230	.78904	.91163	.52459	.57506	.52701

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.50665	2.0411	2.0915
SDev	.00249	.0063	.0133
%RSD	.49067	.30799	.63389
#1	.50840	2.0367	2.0821
#2	.50489	2.0456	2.1008

Method: TSOIL Sample Name: 941293S-006 PDSPIKE Operator: WGL
Run Time: 06/03/94 11:56:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	.10967	H65.065	2.0328	.94602	2.5552	.06112	S-.01405

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SDev	.00028	.210	.0046	.00256	.0077	.00031	.00004
%RSD	.25118	.32203	.22387	.27073	.30190	.50854	.31533
#1	.10948	H65.213	2.0360	.94783	2.5606	.06134	S-.01408
#2	.10987	H64.916	2.0296	.94421	2.5497	.06090	S-.01402

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H372.45	.04264	.51600	.31059	.33157	H169.98	15.080
SDev	1.26	.00019	.00140	.00165	.00002	.64	.367
%RSD	.33877	.43731	.27236	.53192	.00673	.37703	2.4357
#1	H373.34	.04277	.51699	.31176	.33159	H170.43	15.339
#2	H371.56	.04251	.51501	.30942	.33156	H169.52	14.820

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L15.962	H12.271	12.150	5.3960	.46145	H2.9914	L1.8549
SDev	.738	.049	.052	.0601	.00099	.0101	.0066
%RSD	4.6226	.39558	.43197	1.1131	.21428	.33841	.35833
#1	L16.483	H12.305	12.187	5.3536	.46215	H2.9985	L1.8502
#2	L15.440	H12.237	12.113	5.4385	.46075	H2.9842	L1.8596

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.58506	.53228	.94290	1.9783	8.7297	18.666	.94558
SDev	.00365	.00232	.00539	.0052	.0401	.086	.00213
%RSD	.62351	.43612	.57191	.26264	.45971	.45969	.22478
#1	.58764	.53392	.94671	1.9819	8.7581	18.727	.94408
#2	.58248	.53064	.93908	1.9746	8.7013	18.606	.94708

Elem	Sr4215	Tl1908	V 2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.8137	1.8374	.66679	.85141	.51260	.54151	.95089
SDev	.0056	.0059	.00110	.00225	.00067	.00272	.00341
%RSD	.30899	.32097	.16454	.26430	.13079	.50259	.35888
#1	1.8177	1.8416	.66757	.85300	.51307	.54343	.95331
#2	1.8097	1.8333	.66601	.84982	.51212	.53958	.94848

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.93680	1.9647	1.9829
SDev	.00638	.0048	.0054
%RSD	.68114	.24301	.27263
#1	.94132	1.9680	1.9868
#2	.93229	1.9613	1.9791

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thod: TSOIL Sample Name: 941293S-006 5000 Operator: WGL
un Time: 06/03/94 12:31:59
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.01020	1.3449	-.00331	-.00109	.00633	.00035	S32.878
SDev	.00030	.0201	.00440	.00160	.00721	.00003	.000
%RSD	2.9481	1.4959	132.79	146.65	113.95	7.7260	.00135
#1	-.00999	1.3592	-.00020	.00004	.01143	.00037	S32.877
#2	L-.01041	1.3307	-.00642	-.00223	.00123	.00033	S32.878

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	7.6934	-.00037	-.00145	.00244	.00020	3.6487	.24966
SDev	.0041	.00034	.00043	.00043	.00000	.0038	.04375
%RSD	.05338	92.346	29.773	17.678	.09950	.10466	17.526
#1	7.6963	-.00013	-.00115	.00274	.00020	3.6514	.28059
#2	7.6905	-.00062	-.00176	.00213	.00020	3.6460	.21872

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-4.1219	.24266	L.24587	.10409	-.00062	.04010	L-.41562
SDev	.0327	.00073	.00082	.00005	.00014	.00028	.08190
%RSD	.79339	.30237	.33352	.04360	22.993	.69768	19.706
#1	L-4.0987	.24215	L.24529	.10412	-.00072	.04029	L-.35771
#2	L-4.1450	.24318	L.24645	.10406	-.00052	.03990	L-.47353

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00255	.00924	-.00288	.03130	.05918	.12650	.00068
SDev	.00122	.01093	.00202	.04952	.02719	.05815	.00383
%RSD	47.753	118.31	70.346	158.18	45.941	45.963	565.69
#1	.00342	.00151	-.00431	-.00371	.07840	.16762	-.00203
#2	.00169	.01697	-.00145	.06632	.03995	.08539	.00338

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01728	.00427	.00399	.01125	.02357	.00178	-.00146
SDev	.00004	.00438	.00062	.00030	.03316	.00016	.00413
%RSD	.20591	102.53	15.660	2.6832	140.65	9.2450	282.84
#1	.01730	.00737	.00443	.01103	.00013	.00190	-.00438
#2	.01725	.00117	.00355	.01146	.04702	.00167	.00146

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00568	.09199	-.00094
SDev	.00097	.14108	.00359
%RSD	17.095	153.36	381.47
#1	-.00637	-.00777	-.00348
#2	-.00500	.19174	.00160

Method: TSOIL Sample Name: 941293S-006 PDSPIKE Operator: WGL

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Run Time: 06/03/94 12:33:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09485	3.1695	2.0146	.90268	2.1098	.04941	S32.878
SDev	.00056	.0063	.0053	.00236	.0053	.00001	.000
%RSD	.58880	.19894	.26087	.26113	.25131	.01020	.00028
#1	.09446	3.1650	2.0109	.90101	2.1061	.04941	S32.878
#2	.09525	3.1739	2.0184	.90435	2.1136	.04941	S32.878

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	7.5855	.04408	.49322	.20180	.26637	4.6069	.27592
SDev	.0041	.00004	.00119	.00021	.00000	.0187	.06410
%RSD	.05436	.09654	.24111	.10679	.00042	.40636	23.233
#1	7.5826	.04405	.49238	.20164	.26636	4.5936	.23060
#2	7.5885	.04411	.49406	.20195	.26637	4.6201	.32125

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-4.2647	.25454	L.26210	.60991	.47250	.04912	L-.59871
SDev	.3145	.00081	.00246	.00117	.00085	.00028	.01306
%RSD	7.3743	.31860	.93863	.19201	.17981	.57692	2.1808
#1	L-4.0424	.25397	L.26036	.60908	.47190	.04892	L-.58948
#2	L-4.4871	.25512	L.26384	.61073	.47311	.04932	L-.60794

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48350	.47878	.00122	2.0308	4.8633	10.400	-.00218
SDev	.00003	.00061	.00218	.0043	.0103	.022	.00064
%RSD	.00513	.12715	178.82	.21233	.21153	.21156	29.260
#1	.48351	.47921	-.00032	2.0339	4.8561	10.384	-.00263
#2	.48348	.47835	.00276	2.0278	4.8706	10.415	-.00173

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0828	1.9045	.48197	.53316	.47076	.48189	.00046
SDev	.0031	.0093	.00208	.00096	.00365	.00274	.00197
%RSD	.28509	.48678	.43131	.17968	.77622	.56798	424.14
#1	1.0806	1.8979	.48050	.53248	.46817	.48382	-.00093
#2	1.0850	1.9110	.48344	.53383	.47334	.47995	.00185

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00051	1.9874	2.0504
SDev	.00228	.0068	.0099
%RSD	451.62	.34454	.48203
#1	-.00212	1.9826	2.0574
#2	.00111	1.9923	2.0434

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Method: TSOIL Sample Name: 941293S-008 97 Operator: WGL
Run Time: 06/03/94 12:34:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00504	19.848	.04586	.11308	.14879	.00489	S-.00819
SDev	.00048	.068	.00528	.00038	.00039	.00003	.00001
%RSD	9.4926	.34085	11.502	.33526	.26148	.63573	.08001
#1	-.00538	19.800	.04959	.11334	.14907	.00487	S-.00818
#2	-.00470	19.896	.04213	.11281	.14852	.00491	S-.00819

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H584.00	.00231	.03050	.12495	.06216	H110.36	2.4963
SDev	1.54	.00008	.00043	.00014	.00001	.23	.0281
%RSD	.26395	3.3953	1.4178	.11498	.02032	.20655	1.1245
#1	H582.91	.00237	.03020	.12485	.06215	H110.20	2.4764
#2	H585.09	.00226	.03081	.12505	.06217	H110.52	2.5161

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L5.1708	H11.982	11.626	2.9582	.00547	H3.3360	L1.3295
SDev	.0926	.033	.031	.0076	.00142	.0086	.0243
%RSD	1.7907	.27274	.26805	.25614	25.906	.25893	1.8305
#1	L5.2362	H11.959	11.604	2.9528	.00647	H3.3299	L1.3123
#2	L5.1053	H12.005	11.648	2.9635	.00447	H3.3421	L1.3467

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09791	1.2869	.00144	-.00047	5.0095	10.712	.01796
SDev	.00016	.0053	.00386	.00134	.0205	.044	.00191
%RSD	.16189	.41329	268.08	282.95	.40910	.40917	10.651
#1	.09803	1.2831	.00417	-.00142	4.9950	10.681	.01931
#2	.09780	1.2906	-.00129	.00047	5.0240	10.743	.01661

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.2064	.00460	.10427	.56616	1.2764	1.2915	.00499
SDev	.0022	.00112	.00002	.00211	.0028	.0089	.00198
%RSD	.18435	24.250	.01895	.37235	.21970	.69299	39.555
#1	1.2048	.00539	.10426	.56467	1.2784	1.2852	.00639
#2	1.2080	.00381	.10429	.56765	1.2744	1.2978	.00360

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
	-.00228	.00514	-.00537
	.00458	.00151	.00125
	200.62	29.395	23.321

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#1	.00096	.00407	-.00626
#2	-.00553	.00621	-.00449

Method: TSOIL Sample Name: 941293S-008 1940 Operator: WGL
Run Time: 06/03/94 12:36:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.01028	.88060	.00210	.00490	.00682	.00036	S24.217
SDev	.00005	.20338	.00059	.00028	.00099	.00007	12.064
%RSD	.48746	23.095	28.092	5.7779	14.465	19.953	49.815
#1	L-.01024	1.0244	.00168	.00510	.00752	.00041	S32.747
#2	L-.01031	.73679	.00252	.00470	.00613	.00031	S15.687

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	28.300	-.00054	-.00092	.00650	.00031	5.6475	L-3.6689
SDev	.006	.00045	.00032	.00014	.00001	.1666	5.3980
%RSD	.02193	82.533	35.355	2.2097	2.7174	2.9495	147.13
#1	28.296	-.00023	-.00115	.00640	.00031	5.7653	.14803
#2	28.305	-.00086	-.00069	.00660	.00030	5.5297	L-7.4859

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-4.9247	.55834	L.59089	.15284	-.00001	.12068	L-.56856
SDev	.1749	.01537	.00492	.00011	.00071	.00049	.06544
%RSD	3.5506	2.7528	.83272	.06963	6677.5	.40772	11.509
#1	L-4.8011	.56920	L.59437	.15291	.00049	.12102	L-.61483
#2	L-5.0484	.54747	L.58742	.15276	-.00051	.12033	L-.52229

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00456	.06590	-.00205	.00057	.22859	.48880	-.00023
SDev	.00000	.00060	.00114	.00479	.03081	.06590	.00340
%RSD	.05356	.90466	55.544	848.17	13.478	13.483	1508.5
#1	.00456	.06632	-.00124	.00396	.25038	.53540	-.00263
#2	.00456	.06547	-.00285	-.00283	.20680	.44220	.00218

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06169	-.00199	.00461	.03234	.06483	.06583	-.00189
SDev	.00005	.00017	.00084	.00003	.00175	.00134	.00252
%RSD	.08704	8.4358	18.322	.07619	2.7029	2.0423	133.10
#1	.06173	-.00188	.00521	.03232	.06359	.06678	-.00368
#2	.06166	-.00211	.00401	.03236	.06606	.06488	-.00011

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
	-.00422	-.00182	-.00034

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SDev	.00296	.00710	.00364
%RSD	70.176	389.93	1065.1
#1	-.00213	.00320	.00223
#2	-.00632	-.00684	-.00292

Method: TSOIL Sample Name: 941293S-009 98 Operator: WGL
Run Time: 06/03/94 12:38:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00341	H51.859	.05721	.27257	.52076	.00993	S-.01223
SDev	.00030	.022	.00038	.00113	.00019	.00002	.00000
%RSD	8.8342	.04275	.66547	.41494	.03682	.20314	.01388
#1	.00320	H51.843	.05694	.27177	.52062	.00994	S-.01223
#2	.00362	H51.874	.05748	.27337	.52089	.00992	S-.01223

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H525.72	.00395	.03486	.10702	.10141	H130.19	4.1717
SDev	.59	.00023	.00011	.00065	.00001	.13	.0892
%RSD	.11306	5.9474	.31013	.60408	.00654	.09623	2.1383
#1	H525.30	.00379	.03478	.10656	.10140	H130.10	4.2347
#2	H526.14	.00412	.03494	.10748	.10141	H130.28	4.1086

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L7.6710	H11.478	11.146	1.8922	.00749	H4.8455	2.8610
SDev	.2530	.004	.007	.0023	.00028	.0028	.0883
%RSD	3.2979	.03214	.06622	.11948	3.7856	.05755	3.0848
#1	L7.8499	H11.476	11.141	1.8906	.00769	H4.8435	2.7986
#2	L7.4921	H11.481	11.152	1.8938	.00729	H4.8474	2.9234

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10879	.73853	.01572	.00246	6.8948	14.745	.02683
SDev	.00019	.00128	.00128	.00061	.0411	.088	.00128
%RSD	.17201	.17303	8.1758	24.679	.59649	.59653	4.7537
#1	.10866	.73943	.01481	.00289	6.8657	14.683	.02593
#2	.10892	.73763	.01663	.00203	6.9238	14.807	.02773

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.6250	.01185	.18271	.43569	.72272	.74612	.01907
SDev	.0012	.00201	.00064	.00035	.00280	.00052	.00012
%RSD	.07477	16.979	.34773	.08029	.38719	.06953	.61794
#1	1.6241	.01327	.18226	.43544	.72470	.74649	.01915
#2	1.6258	.01042	.18316	.43593	.72075	.74575	.01898

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01195	.01098	-.00389
SDev	.00198	.00049	.00067
%RSD	16.619	4.4261	17.188
#1	.01054	.01132	-.00342
#2	.01335	.01063	-.00436

008589

Method: TSOIL Sample Name: 941298S-009 1960 Operator: WGL
Run Time: 06/03/94 12:39:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00861	2.6195	.00032	.01224	.02578	.00063	S24.569
SDev	.00035	.0392	.00036	.00028	.00046	.00002	11.592
%RSD	4.0448	1.4953	111.81	2.3076	1.7746	3.3132	47.183
#1	-.00837	2.5918	.00007	.01204	.02545	.00065	S32.766
#2	-.00886	2.6472	.00058	.01244	.02610	.00062	S16.372

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	25.142	-.00009	-.00038	.00538	.00035	6.6730	.17429
SDev	.388	.00006	.00022	.00014	.00000	.0771	.03720
%RSD	1.5421	69.425	56.569	2.6683	1.1655	1.1560	21.345
#1	24.868	-.00005	-.00054	.00549	.00035	6.6184	.14799
#2	25.416	-.00013	-.00023	.00528	.00035	6.7275	.20060

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-4.5450	.53272	L.55088	.09592	.00137	.17498	L-.41338
SDev	.3171	.00772	.00902	.00131	.00014	.00287	.05890
%RSD	6.9763	1.4488	1.6375	1.3674	10.299	1.6401	14.249
#1	L-4.3208	.52726	L.54450	.09499	.00127	.17295	L-.45503
#2	L-4.7692	.53817	L.55726	.09685	.00147	.17701	L-.37173

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00543	.03729	.00260	.00294	.34573	.73938	.00008
SDev	.00018	.00126	.00143	.00591	.00498	.01066	.00128
%RSD	3.2463	3.3672	54.810	201.23	1.4409	1.4414	1697.1
#1	.00530	.03640	.00361	-.00124	.34221	.73184	-.00083
#2	.00555	.03818	.00159	.00712	.34926	.74691	.00098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.08198	-.00268	.00895	.02519	.03834	.03617	.00464
SDev	.00127	.00118	.00062	.00073	.00061	.00176	.00124
%RSD	1.5542	44.136	6.8907	2.8830	1.5832	4.8702	26.715

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#1	.08108	-.00184	.00939	.02468	.03877	.03492	.00552
#2	.08288	-.00352	.00852	.02570	.03791	.03742	.00376

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00051	-.00460	.00460
SDev	.00152	.00592	.00591
%RSD	297.17	128.68	128.45
#1	.00056	-.00878	.00042
#2	-.00159	-.00041	.00878

008590

Method: TSOIL Sample Name: 941293S-009 100 S.D. Operator: 3
Run Time: 06/03/94 12:43:30
Comment: 5X SERIAL DILUTION OF 20X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Jnits	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.01019	.51170	.00050	.00486	-.00342	.00023	S32.900
SDev	.00000	.04026	.00400	.00038	.01184	.00003	.009
%RSD	.01144	7.8677	801.35	7.7567	346.54	12.056	.02826
#1	L-.01019	.54017	-.00233	.00513	.00495	.00025	S32.894
#2	L-.01019	.48323	.00333	.00460	L-.01178	.00021	S32.907

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.1143	-.00203	-.00191	.00107	.00007	1.3708	L-8.2016
SDev	.0236	.00237	.00000	.00021	.00000	.0055	11.6921
%RSD	.46230	117.03	.00000	20.203	.39615	.40364	142.56
#1	5.1311	-.00035	-.00191	.00091	.00007	1.3747	.06596
#2	5.0976	-.00371	-.00191	.00122	.00007	1.3668	L-16.469

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-5.7081	.10419	L.09800	.01947	.00230	.02914	L-.66710
SDev	.0491	.00451	.00328	.00005	.00057	.00005	.03866
%RSD	.86081	4.3328	3.3473	.23325	24.640	.18550	5.7957
#1	L-5.6734	.10738	L.10032	.01950	.00270	.02918	L-.63976
#2	L-5.7429	.10100	L.09568	.01944	.00190	.02910	L-.69444

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00139	.00754	-.00020	.00286	.00728	.01555	-.00150
SDev	.00431	.00042	.00104	.00099	.08868	.18968	.00138
%RSD	310.74	5.5768	530.45	34.642	1217.3	1219.7	91.924
#1	.00166	.00724	-.00093	.00216	.06999	.14968	-.00248
#2	-.00444	.00783	.00054	.00356	-.05542	L-.11857	-.00053

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	.01654	-.00172	.00320	.00821	.00889	.00626	.00025

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SDev	.00011	.00105	.00021	.00035	.00162	.00102	.00602
%RSD	.64338	60.901	6.4865	4.2427	18.262	16.236	2410.4
#1	.01662	-.00098	.00306	.00846	.01004	.00554	-.00401
#2	.01647	-.00246	.00335	.00797	.00774	.00698	.00451

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00252	-.00184	.00310
SDev	.00146	.00923	.00609
%RSD	57.845	501.54	196.19
#1	-.00149	.00468	-.00120
#2	-.00355	-.00836	.00741

Method: TSOIL Sample Name: CCV 0511I Operator: WGI
Run Time: 06/03/94 12:44:49
Comment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00631	9.1410	2.5345	2.2694	5.1160	2.3942	.97052
SDev	.00029	.0127	.0002	.0043	.0118	.0037	.00204
%RSD	4.5573	.13874	.00674	.19106	.23079	.15658	.21030
#1	-.00611	9.1499	2.5344	2.2724	5.1243	2.3969	.97197
#2	-.00651	9.1320	2.5347	2.2663	5.1076	2.3916	.96908

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0115	.95799	2.4480	2.5106	2.6200	4.8240	9.4226
SDev	.0010	.00254	.0011	.0045	.0000	.0081	.0630
%RSD	.10112	.26530	.04417	.17737	.00007	.16730	.66819
#1	1.0123	.95979	2.4487	2.5138	2.6200	4.8297	9.4672
#2	1.0108	.95620	2.4472	2.5075	2.6200	4.8183	9.3781

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.84050	2.4193	2.5665	5.0343	2.3510	.91786	.14611
SDev	.08207	.0014	.0041	.0084	.0014	.00300	.02556
%RSD	9.7647	.05831	.15976	.16617	.06024	.32676	17.493
#1	.89853	2.4203	2.5694	5.0402	2.3520	.91998	.16419
#2	.78246	2.4183	2.5636	5.0284	2.3500	.91574	.12804

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4102	.94536	2.4566	2.4581	23.634	50.515	2.5048
SDev	.0022	.00466	.0042	.0022	.003	.007	.0031
%RSD	.08995	.49252	.16983	.09076	.01465	.01453	.12304
#1	2.4117	.94207	2.4537	2.4565	23.637	50.521	2.5026
#2	2.4087	.94866	2.4596	2.4596	23.632	50.510	2.5070

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Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.0019	.93630	2.4083	2.5550	.92995	.95216	2.4591
SDev	.0102	.00546	.0011	.0040	.00458	.00470	.0158
%RSD	.20406	.58311	.04363	.15576	.49221	.49313	.64221
#1	5.0091	.94016	2.4090	2.5578	.92671	.94884	2.4479
#2	4.9947	.93244	2.4075	2.5522	.93319	.95548	2.4702

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.4533	2.4071	2.4814
SDev	.0016	.0009	.0029
%RSD	.06641	.03699	.11687
#1	2.4544	2.4065	2.4794
#2	2.4521	2.4077	2.4835

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ethod: TSOIL Sample Name: CCV 0511L Operator: WGL
Run Time: 06/03/94 12:46:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4816	.00354	.00142	.00727	-.00817	.00056	S16.156
SDev	.0004	.00847	.00038	.00302	.00050	.00029	.001
%RSD	.01793	239.18	26.992	41.509	6.1750	51.225	.00380
#1	2.4813	.00953	.00169	.00940	-.00782	.00076	S16.156
#2	2.4819	-.00245	.00115	.00513	-.00853	.00036	S16.156

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	98.120	.00008	-.00191	.00112	-.00591	-.00130	S1000.0
SDev	.123	.00009	.00022	.00014	.00000	.00255	1.5
%RSD	.12562	112.70	11.314	12.856	.00066	195.33	.04315
#1	98.033	.00002	-.00206	.00102	-.00591	-.00310	S1000.0
#2	98.207	.00014	-.00176	.00122	-.00591	.00050	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	94.634	S194.09	98.089	-.00073	.00631	S92.297	45.394
SDev	.265	.00	.094	.00054	.00396	.000	.021
%RSD	.28002	.00240	.09598	74.501	62.854	.00000	.04665
#1	94.447	S194.09	97.972	-.00034	.00911	S92.297	45.379
#2	94.822	S194.09	98.105	-.00111	.00350	S92.297	45.409

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
nits	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00058	.00003	.00062	.00255	.02427	.05190	.00038
SDev	.00058	.00042	.00026	.00455	.02586	.05532	.00042
%RSD	99.852	1552.4	42.134	178.58	106.57	106.61	113.14

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#1	.00099	-.00027	.00044	.00576	.04256	.09101	.00008
#2	.00017	.00032	.00081	-.00067	.00598	.01278	.00068

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00027	.00127	.00088	-.00963	.00162	-.00137	-.00282
SDev	.00043	.00385	.00042	.00030	.00044	.00002	.00093
%RSD	162.32	304.52	47.056	3.1391	26.949	1.1218	33.136
#1	.00004	.00399	.00059	-.00941	.00131	-.00136	-.00216
#2	-.00057	-.00146	.00118	-.00984	.00193	-.00138	-.00348

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00024	.00203	.00071
SDev	.00086	.00166	.00599
%RSD	354.37	81.556	848.76
#1	-.00037	.00320	.00494
#2	.00085	.00086	-.00353

Method: TSOIL **Sample Name: CCB 0509U** **Operator: WGL**
Run Time: 06/03/94 12:55:35
Comment:
Mode: CONC **Corr. Factor: 1**

Elem	**Ag3280**	**Al3082**	**As1890**	**B_2496**	**Ba4934**	**Be3130**	**Ca3968**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00948	.01346	-.00339	-.00020	-.00015	.00019	.00341
SDev	.00061	.00209	.00063	.00000	.00000	.00004	.00002
%RSD	6.4401	15.496	18.517	.00000	.00069	23.223	.58967
#1	-.00905	.01199	-.00295	-.00020	-.00015	.00022	.00340
#2	-.00991	.01493	-.00384	-.00020	-.00015	.00016	.00343

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00144	-.00031	-.00229	.00010	.00000	.00658	.05034
SDev	.00001	.00003	.00011	.00072	.00000	.01195	.03821
%RSD	.78419	10.440	4.7140	707.11	184.59	181.76	75.906
#1	.00144	-.00033	-.00222	-.00041	.00000	.01503	.07736
#2	.00145	-.00029	-.00237	.00061	-.00000	-.00188	.02332

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.89996	.00293	-.00530	-.00003	.00010	.00074	.01505
SDev	.36592	.00004	.00000	.00000	.00028	.00034	.02167
%RSD	40.660	1.2660	.00000	3.8615	283.27	46.387	143.95
#1	1.1587	.00291	-.00530	-.00003	-.00010	.00098	-.00027
#2	.64121	.00296	-.00530	-.00003	.00030	.00050	.03038

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	-.00041	-.00020	-.00125	.00098	-.00597	-.01278	.00203

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SDev	.00032	.00102	.00302	.00098	.00052	.00112	.00149
%RSD	79.481	514.94	241.40	99.838	8.6578	8.7423	73.330
#1	-.00018	.00052	.00088	.00167	-.00561	-.01199	.00308
#2	-.00064	-.00092	-.00338	.00029	-.00634	-.01357	.00098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00005	-.00079	.00118	-.00094	.00094	-.00137	-.00229
SDev	.00000	.00019	.00166	.00030	.00028	.00124	.00642
%RSD	.00061	23.892	141.40	31.820	29.124	90.527	281.07
#1	.00005	-.00092	.00000	-.00115	.00075	-.00049	.00226
#2	.00005	-.00065	.00235	-.00073	.00114	-.00224	-.00683

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00283	-.00254	.00064
SDev	.00131	.00193	.00050
%RSD	46.426	76.252	78.847
#1	-.00190	-.00117	.00099
#2	-.00376	-.00390	.00028

Method: TSOIL Sample Name: 941293S-009 5 S.D. Operator:
Run Time: 06/03/94 12:57:19
Comment: 5X SERIAL DILUTION OF 1X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00737	10.777	.01239	.05438	.10707	.00218	S16.128
SDev	.00049	.011	.00253	.00113	.00035	.00000	.000
%RSD	6.6204	.09810	20.444	2.0807	.32856	.03185	.00033
#1	-.00772	10.784	.01060	.05518	.10732	.00218	S16.127
#2	-.00703	10.769	.01418	.05358	.10683	.00218	S16.128

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	106.92	.00060	.00527	.02209	.01621	H27.419	.73876
SDev	.20	.00026	.00043	.00036	.00000	.072	.05085
%RSD	.18365	42.818	8.1983	1.6255	.02289	.26267	6.8829
#1	107.06	.00042	.00497	.02184	.01622	H27.470	.77472
#2	106.79	.00078	.00558	.02235	.01621	H27.368	.70281

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.9672	2.2505	L2.3908	.39558	.00127	.85801	L.75174
SDev	.0323	.0036	.0075	.00068	.00014	.00087	.01386
%RSD	1.81329	.15992	.31349	.17228	11.138	.10191	1.8436
#1	L3.9900	2.2531	L2.3961	.39607	.00117	.85862	L.74194
#2	L3.9444	2.2480	L2.3855	.39510	.00137	.85739	L.76154

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Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02312	.15473	.00095	-.00040	1.4127	3.0211	.00368
SDev	.00026	.00044	.00312	.00003	.0024	.0051	.00042
%RSD	1.1253	.28759	326.87	7.7183	.17044	.17031	11.545
#1	.02293	.15505	-.00125	-.00038	1.4110	3.0175	.00338
#2	.02330	.15442	.00316	-.00042	1.4144	3.0248	.00398

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.33839	.00134	.03719	.09182	.15024	.15638	.00217
SDev	.00073	.00082	.00020	.00029	.00243	.00012	.00562
%RSD	.21461	60.975	.54448	.31113	1.6192	.07887	259.33
#1	.33890	.00076	.03705	.09203	.15196	.15629	-.00181
#2	.33788	.00191	.03733	.09162	.14852	.15647	.00614

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00160	.00164	-.00336
SDev	.00166	.00823	.00428
%RSD	103.67	502.64	127.11
#1	-.00277	.00746	-.00639
#2	-.00043	-.00418	-.00034

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Method: TSOIL Sample Name: ISA 0531M Operator: WGL
Run Time: 06/03/94 12:59:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.11482	421.72	-.00357	-.00307	-.01742	.04505	S-.07026
SDev	.00039	.38	.00282	.00028	.00005	.00002	.00005
%RSD	.33700	.09017	78.979	9.2195	.29911	.03656	.07326
#1	.11454	421.45	-.00158	-.00327	-.01738	.04504	S-.07022
#2	.11509	421.98	-.00556	-.00287	-.01746	.04506	S-.07030

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	477.55	.00525	-.00252	.01041	-.00011	175.07	-6.6858
SDev	.56	.00009	.00022	.00036	.00001	.10	.0213
%RSD	.11809	1.6715	8.5710	3.4493	4.4335	.05738	.31908
#1	477.15	.00531	-.00268	.01016	-.00012	175.00	-6.7009
#2	477.95	.00519	-.00237	.01067	-.00011	175.14	-6.6708

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	14.065	S191.00	480.62	.00348	-.00516	S92.241	558.60
SDev	.262	.01	.66	.00012	.00028	.000	.09
%RSD	1.8609	.00375	.13705	3.4991	5.3997	.00006	.01669

#1	13.880	S191.00	480.15	.00340	-.00536	S92.241	558.67
#2	14.251	S190.99	481.08	.00357	-.00496	S92.241	558.54

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05146	.05957	-.00315	.01721	-.00656	-.01595	-.00451
SDev	.00002	.00103	.00521	.00218	.00189	.00404	.00074
%RSD	.02880	1.7360	165.52	12.648	28.729	25.326	16.499
#1	.05145	.05884	-.00683	.01875	-.00523	-.01310	-.00503
#2	.05147	.06030	.00054	.01567	-.00790	-.01881	-.00398

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00072	.11188	.00610	-.02627	-.01573	.09627	.00862
SDev	.00002	.00103	.00001	.00022	.00253	.00282	.00985
%RSD	2.8151	.92356	.15557	.85399	16.112	2.9247	114.29
#1	.00070	.11261	.00609	-.02612	-.01393	.09427	.00165
#2	.00073	.11115	.00610	-.02643	-.01752	.09826	.01558

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.01112	.05091	-.00172
SDev	.00289	.00639	.00645
%RSD	25.987	12.559	375.96
#1	-.01316	.04639	.00285
#2	-.00907	.05543	-.00628

Method: TSOIL Sample Name: ISB 0111K Operator: WGL
Run Time: 06/03/94 13:00:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0082	402.08	1.0196	.91479	.47049	.50670	S-.06745
SDev	.0254	.20	.0010	.00000	.00036	.00005	.00002
%RSD	2.5161	.05058	.10281	.00000	.07626	.00914	.02771
#1	.99027	402.22	1.0189	.91479	.47074	.50674	S-.06746
#2	1.0261	401.94	1.0204	.91479	.47024	.50667	S-.06743

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	452.55	.89194	.44261	.46957	.49467	166.78	10.896
SDev	.12	.00110	.00054	.00079	.00208	.27	.362
%RSD	.02654	.12335	.12213	.16827	.41979	.16248	3.3267
#1	452.64	.89272	.44300	.47013	.49320	166.97	10.639
#2	452.47	.89116	.44223	.46901	.49614	166.59	11.152

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	24.906	S191.17	456.75	.46968	.91913	S92.239	528.33

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SDev	.445	.00	.53	.00014	.00312	.000	.80
%RSD	1.7868	.00125	.11578	.03055	.33923	.00004	.15163
#1	25.221	S191.17	457.12	.46978	.91693	S92.239	527.77
#2	24.591	S191.18	456.37	.46958	.92134	S92.239	528.90

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.89927	.94858	1.0462	1.0588	.45289	.95983	.99487
SDev	.00293	.00017	.0054	.0082	.00438	.00936	.00425
%RSD	.32622	.01838	.51815	.77866	.96756	.97498	.42729
#1	.90134	.94846	1.0423	1.0529	.45598	.96644	.99187
#2	.89719	.94871	1.0500	1.0646	.44979	.95321	.99788

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.99412	1.0184	.45681	1.0176	.86974	.98735	1.0539
SDev	.00051	.0107	.00044	.0001	.00022	.00005	.0032
%RSD	.05172	1.0539	.09642	.01208	.02514	.00542	.30164
#1	.99448	1.0260	.45712	1.0177	.86990	.98738	1.0516
#2	.99376	1.0108	.45650	1.0176	.86959	.98731	1.0561

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	1.0402	1.0718	1.0501
SDev	.0065	.0105	.0071
%RSD	.62871	.97993	.67766
#1	1.0356	1.0644	1.0451
#2	1.0449	1.0792	1.0552

Method: TSOIL Sample Name: CRI 0112C Operator: WGL
Run Time: 06/03/94 13:02:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02817	.14798	.01153	.19123	.22051	.01016	S32.859
SDev	.00008	.01906	.00090	.00047	.00046	.00005	.000
%RSD	.28961	12.881	7.7657	.24657	.20858	.48497	.00112
#1	.02812	.16145	.01217	.19156	.22018	.01020	S32.860
#2	.02823	.13450	.01090	.19090	.22083	.01013	S32.859

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	10.541	.01220	.10091	.02098	.04139	.09938	10.843
SDev	.027	.00001	.00076	.00065	.00000	.00641	.151
RSD	.25744	1.09745	.74997	3.08184	.00076	6.4515	1.3951
#1	10.522	.01221	.10037	.02052	.04139	.10391	10.736
#2	10.560	.01219	.10144	.02143	.04139	.09485	10.950

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Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L7.3530	H10.226	10.806	.02132	.02613	H9.6809	8.1927
SDev	.6984	.002	.008	.00004	.00227	.0678	.0214
%RSD	9.4977	.01554	.07707	.20657	8.6692	.69990	.26140
#1	L6.8592	H10.225	10.806	.02129	.02774	H9.6330	8.1775
#2	L7.8469	H10.227	10.812	.02135	.02453	H9.7288	8.2078

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/l	mg/l	mg/L	mg/L	mg/L	mg/L
Avge	.08183	.00730	.00514	.00709	.10482	.22389	.10926
SDev	.00079	.00027	.00083	.00009	.00237	.00507	.00244
%RSD	.96031	3.6418	16.191	1.1922	2.2586	2.2663	2.2371
#1	.08238	.00711	.00455	.00715	.10650	.22746	.11099
#2	.08127	.00749	.00572	.00703	.10315	.22031	.10754

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/l	mg/L	mg/L	mg/L	mg/L
Avge	.02204	.01309	.07106	.11213	.00683	.00664	.00556
SDev	.00003	.00142	.00021	.00029	.00105	.00013	.00132
%RSD	.15852	10.821	.29147	.26027	15.387	1.9030	23.810
#1	.02202	.01409	.07091	.11234	.00609	.00673	.00649
#2	.02207	.01209	.07121	.11193	.00758	.00655	.00462

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/l	mg/L	mg/l
Avge	.00283	.00401	.00653
SDev	.00191	.00215	.00120
%RSD	67.468	53.699	18.381
#1	.00148	.00248	.00768
#2	.00417	.00553	.00568

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Method: T501L Sample Name: CCV 0511I Operator: WGI
Run Time: 06/03/94 13:03:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/l	mg/l	mg/L	mg/L	mg/L	mg/L
Avge	.01608	9.0309	2.5078	2.2564	5.0950	.3607	.96351
SDev	.01378	.0221	.0004	.0026	.0101	.0060	.00067
%RSD	85.692	.24466	.01574	1.1691	.19847	1.6509	.06908
#1	.02582	9.0232	2.5031	2.2546	5.0879	2.2564	.96399
#2	.00634	9.0545	2.5125	2.2583	5.1022	2.3649	.96304

Elem	Cd3261	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/l	mg/l	mg/l	mg/L	mg/l
Avge	.94884	2.4211	2.4938	2.5993	4.7968	9.4213
SDev	.00125	.0057	.0050	.0042	.0129	.0746
%RSD	.13137	.23638	.19874	.16086	.26343	.79194

Elem	Ca3179
Units	mg/L
Avge	1.0155
SDev	.0031
%RSD	.30898

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#1	1.0177	.94796	2.4200	2.4903	2.5964	4.8059	9.3686
#2	1.0133	.94972	2.4281	2.4973	2.6023	4.7877	9.4741

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.4242	2.3998	2.5869	4.9866	2.3278	.94997	.45049
SDev	.0524	.0014	.0000	.0089	.0085	.00796	.03485
%RSD	1.1838	.05645	.00000	.17764	.36501	.83740	7.7370
#1	4.3871	2.4007	2.5869	4.9804	2.3217	.95559	.47514
#2	4.4612	2.3988	2.5869	4.9929	2.3338	.94434	.42585

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.3874	.93996	2.4453	2.4465	23.445	50.110	2.4870
SDev	.0082	.00149	.0010	.0029	.039	.084	.0051
%RSD	.34468	.15862	.04114	.11962	.16680	.16677	.20511
#1	2.3816	.93890	2.4446	2.4486	23.417	50.051	2.4834
#2	2.3933	.94101	2.4460	2.4445	23.473	50.169	2.4906

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.9747	.92714	2.3899	2.5354	.92390	.94708	2.4397
SDev	.0091	.00069	.0037	.0028	.00118	.00282	.0110
%RSD	.18330	.07484	.15691	.10904	.12770	.29822	.44970
#1	4.9683	.92764	2.3872	2.5334	.92473	.94508	2.4320
#2	4.9812	.92665	2.3925	2.5373	.92307	.94907	2.4475

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.4460	2.3944	2.4705
SDev	.0040	.0044	.0022
%RSD	.16228	.18259	.08925
#1	2.4488	2.3975	2.4720
#2	2.4432	2.3913	2.4689

Method: TSOIL Sample Name: CCV 0511L Operator: WGL
Run Time: 06/03/94 13:06:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4766	.01412	-.00027	.00500	-.00822	.00054	S16.202
SDev	.0047	.00424	.00177	.00019	.00001	.00002	.069
%RSD	.19031	30.009	660.77	3.7713	.08798	4.3175	.42738
#1	2.4800	.01113	.00152	.00513	-.00823	.00053	S16.155
#2	2.4733	.01712	.00098	.00487	-.00822	.00056	S16.251

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	97.260	.00016	-.00252	.00061	-.00591	.05179	S1000.0

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SDev	.078	.00027	.00022	.00029	.00000	.10062	99.5
%RSD	.08051	172.50	8.5710	47.140	.07538	194.28	2.7974
#1	97.315	-.00003	-.00268	.00041	-.00591	-.01936	S1000.0
#2	97.204	.00035	-.00237	.00081	-.00591	.12294	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	93.683	S194.18	97.661	-.00100	.00370	S92.297	45.174
SDev	.934	.12	.169	.00006	.00028	.000	.233
%RSD	.99709	.06100	.17312	6.1189	7.6436	.00000	.51626
#1	94.343	S194.10	97.780	-.00104	.00350	S92.297	45.339
#2	93.022	S194.26	97.541	-.00095	.00390	S92.297	45.009

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00061	.00095	-.00254	.00423	.01230	.02630	-.00263
SDev	.00032	.00139	.00095	.00088	.00999	.02136	.00170
%RSD	51.940	146.24	37.497	20.913	81.216	81.226	64.650
#1	.00039	-.00003	-.00321	.00360	.00524	.01120	-.00383
#2	.00084	.00193	-.00187	.00485	.01937	.04141	-.00143

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00042	.00212	.00089	-.00970	.00261	-.00078	-.00035
SDev	.00004	.00142	.00041	.00015	.00100	.00158	.00501
%RSD	9.0299	66.900	45.797	1.5255	38.463	203.09	1447.3
#1	-.00045	.00312	.00117	-.00960	.00190	-.00190	.00320
#2	-.00039	.00112	.00060	-.00981	.00332	.00034	-.00389

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00573	-.00031	.00439
SDev	.00393	.00100	.00082
%RSD	68.511	328.34	18.776
#1	-.00851	-.00102	.00381
#2	-.00296	.00040	.00498

Method: TSOIL Sample Name: CCB 0509U Operator: WGL
Run Time: 06/03/94 13:07:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00443	.01273	.00059	.00180	-.00015	.00022	.00695
SDev	.00045	.00106	.00234	.00038	.00000	.00000	.00425
%RSD	10.117	8.3303	395.16	20.950	.25140	.05155	61.181
#1	-.00411	.01348	.00225	.00153	-.00015	.00022	.00995
#2	-.00474	.01198	-.00106	.00207	-.00015	.00022	.00394

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00447	-.00014	-.00252	.00000	.00000	.00335	.04372
SDev	.00416	.00001	.00022	.00014	.00000	.00297	.08085
%RSD	93.094	4.9305	8.5710	658e6	103.59	88.851	184.90
#1	.00742	-.00014	-.00237	.00010	.00000	.00545	H.10089
#2	.00153	-.00015	-.00268	-.00010	.00000	.00124	-.01344

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-1.0983	.00675	-.00648	-.00019	.00070	.01844	-.17391
SDev	.3665	.00474	.00666	.00004	.00028	.00333	.09066
%RSD	33.368	70.188	102.85	23.606	40.417	18.087	52.131
#1	-.83912	.01010	-.00177	-.00022	.00050	.02079	-.10980
#2	-1.3574	.00340	-.01119	-.00016	.00090	.01608	-.23801

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00044	-.00094	-.00163	-.00382	-.00355	-.00759	-.00053
SDev	.00093	.00046	.00053	.00475	.00290	.00621	.00128
%RSD	211.31	48.878	32.644	124.37	81.842	81.812	242.44
#1	-.00110	-.00126	-.00125	-.00046	-.00149	-.00320	.00038
#2	.00022	-.00061	-.00201	L-.00717	-.00560	-.01198	-.00143

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00000	-.00066	.00000	-.00115	.00116	-.00288	-.00050
SDev	.00000	.00836	.00000	.00014	.00081	.00028	.00093
%RSD	93.093	1267.4	222.24	12.597	69.973	9.7985	183.61
#1	-.00000	-.00657	.00000	-.00125	.00059	-.00308	.00015
#2	-.00000	.00525	-.00000	-.00105	.00173	-.00268	-.00116

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00414	-.00675	-.00445
SDev	.00055	.00845	.00290
%RSD	13.234	125.11	65.131
#1	-.00375	-.00078	-.00240
#2	-.00453	-.01273	-.00650

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CORE LABORATORIES

TJA ICP 61E RUN LOG

Instrument ID #61E/#225390

SOP HC-ATM-E047 CLP ICP-AES
EPA Method Reference CLP Sow 9/91 / 6010
Calibration Std. ID T-1 0603A
Calibration Std. ID T-5 0603E

Date 6-3-94
Run Start Time 09:15
T-2 0603B
6

Analyst [signature]
Run End Time
T-3 0603C
7

T-4 0603D
T-0 0504

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

Sample ID	Dilution Factor	Data Flag Required	Comments	Sample ID	Dilution Factor	Data Flag Required	Comments
ICV 0405J				9 -	20X		
ICV 0223B				9 Sb	100X		
ICV 0426H				CCV 01			2
ICB 0509D				CCV 02			0
ISA 0531M				CCB			6
ISB 0111K				9 SP	5		8
CRI 0112C				ISA			0
MB 0602				ISB			0
LCS 0424B				CRI			
LCS 0424B	10X			CCV01			
94 1301-1		↑Fe		CCV02			
1	5X			CCB			
1 MD							
1 PDS							
CCV01 ~~1 PDS~~							
CCV02							
CCB							
1 MS							
1 S.D	25X						
1 ~~MD~~	50X						
1 ~~MS~~ MD	↓						
1 PDS							
1 S.D	250X						
94 1293-4							
4 MD							
4	10X						
4 MS	↓						
CCV 01							
CCV 02							
CCB							
6							
6 MS							
6 PDS							
6	50X						
6 PDS	↓						
8							
8	20X						
9							

Continued on back of page.

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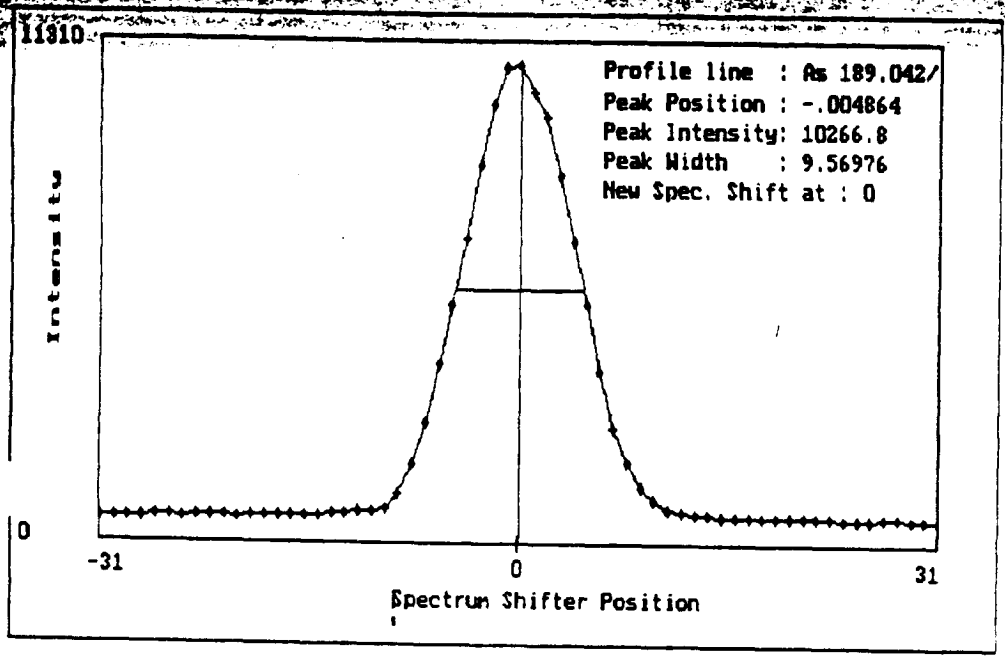

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Method: TOTAL Standard: TOTAL0

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Avge	-.00490	.02610	-.00560	.00230	-.00025	-.00570	.20220
SDev	.00891	.00014	.00127	.00014	.00035	.00014	.01259
%RSD	181.83	.54184	22.728	6.1488	141.42	2.4811	6.2248
#1	-.01120	.02620	-.00650	.00240	-.00050	-.00560	.19330
#2	.00140	.02600	-.00470	.00220	.00000	-.00580	.21110

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avge	.02160	.01190	-.00020	-.00010	.00020	.00110	.19110
SDev	.00000	.00042	.00057	.00099	.00000	.00057	.02560
%RSD	.00000	3.5652	282.84	989.95	.00000	51.426	13.395
#1	.02160	.01160	-.00060	-.00080	.00020	.00070	.17300
#2	.02160	.01220	.00020	.00060	.00020	.00150	.20920

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Avge	2.0720	.00810	.13200	.00050	.00220	3.6449	.87320
SDev	.0048	.00028	.00000	.00014	.00085	.0004	.00085
%RSD	.23207	3.4919	.00000	28.284	38.569	.01164	.09717
#1	2.0686	.00830	.13200	.00040	.00160	3.6446	.87380
#2	2.0754	.00790	.13200	.00060	.00280	3.6452	.87260

Elem	Ni2316	Si2881	SiO2	Sn1899	Sr4215	Tl1908	V_2924
Avge	.00175	.03960	.03960	.00160	.00000	-.02400	.00000
SDev	.00163	.00057	.00057	.00226	.00000	.01414	.00226
%RSD	92.934	1.4285	1.4285	141.42	.00000	58.926	.00000
#1	.00060	.03920	.03920	.00320	.00000	-.01400	-.00160
#2	.00290	.04000	.04000	.00000	.00000	-.03400	.00160

Elem	Zn2138	Pb 1st	Pb 2nd	Sb 1st	Sb 2nd	Se 1st	Se 2nd
Avge	.00220	.04750	.00840	-.01700	.00620	-.01790	.01240
SDev	.00057	.00636	.03734	.04893	.00453	.00410	.00283
%RSD	25.713	13.398	444.47	287.83	72.992	22.912	22.810
#1	.00180	.05200	.03480	.01760	.00940	-.01500	.01440
#2	.00260	.04300	-.01800	-.05160	.00300	-.02080	.01040

Method: TOTAL Standard: TOTAL1

Elem	Ag3280	As1890	Cd2265	Tl1908	Pb 1st	Pb 2nd	Se 1st
Avge	64.877	19.203	148.87	7.5653	25.062	36.802	13.723
SDev	.040	.027	.32	.0372	.112	.102	.011
%RSD	.06148	.13809	.21726	.49164	.44580	.27668	.08347
#1	64.849	19.222	149.09	7.5916	25.141	36.874	13.732
2	64.906	19.184	148.64	7.5390	24.983	36.730	13.715

Elem	Se 2nd
Avge	7.6760
SDev	.0246
%RSD	.32058

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#1	7.6934
#2	7.6586

Method: TOTAL Standard: TOTAL3

Elem	Al3082	B_2496	Be3130	Fe2714	K_7664	Mo2020	Na5889
Avge	.11340	.22340	1.1443	.04255	1.7639	.18760	4.0164
SDev	.14057	.27662	1.5416	.05706	2.2103	.25173	2.0037
%RSD	123.96	123.82	134.72	134.11	125.31	134.18	49.887
#1	.21280	.41900	2.2344	.08290	3.3268	.36560	5.4332
#2	.01400	.02780	.05420	.00220	.20100	.00960	2.5996

Elem	Ni2316	Si2881	Si102	V_2924
Avge	2.0547	.86030	.86030	.13680
SDev	2.7835	1.1533	1.1533	.18441
%RSD	135.47	134.06	134.06	134.81
#1	4.0229	1.6758	1.6758	.26720
#2	.08650	.04480	.04480	.00640

Method: TOTAL Standard: TOTAL2

Elem	Ba4934	Ca3968	Co2286	Cr2677	Cu3247	Mg2852	Mn2576
Avge	23.258	145.57	6.6807	9.9550	.17060	43.223	31.995
SDev	.067	.70	.0284	.0300	.00071	.169	.127
%RSD	.28823	.48133	.42549	.30117	.41448	.39082	.39693
#1	23.210	145.08	6.6606	9.9338	.17010	43.104	31.905
#2	23.305	146.07	6.7008	9.9762	.17110	43.343	32.085

Elem	Sr4215	Zn2138
Avge	80.261	9.8573
SDev	.251	.0344
%RSD	.31328	.34863
#1	80.084	9.8330
#2	80.439	9.8816

Method: TOTAL Standard: TOTAL5

Elem	Ca3179	K_4047	Mg2790	Na3302
Avge	34.902	4.2968	43.838	4.2956
SDev	.151	.0057	.175	.0096
%RSD	.43315	.13165	.39809	.22388
#1	34.795	4.2928	43.715	4.2888
#2	35.0098	4.3008	43.961	4.3024

Method: TOTAL Standard: TOTAL4

Elem	Sb1839	Sb 1st	Sb 2nd
Avge	6.6495	36.341	10.248

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SDev	.0262	.109	.040
%RSD	.39346	.30042	.39330
#1	6.6310	36.264	10.219
#2	6.6680	36.419	10.276

Method: TOTAL Sample Name: ICV 0511A Operator: GAG
Run Time: 06/03/94 17:08:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00364	1.7779	2.1460	.09447	.00075	2.0582	1.8045
SDev	.00014	.0324	.0016	.02239	.00006	.0015	.0011
%RSD	3.8951	1.8201	.07635	23.697	8.0957	.07308	.06027
#1	.00354	1.7550	2.1471	.11030	.00079	2.0571	1.8052
#2	.00374	1.8007	2.1448	.07864	.00071	2.0592	1.8037

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.0796	1.9269	2.0063	2.0148	2.0488	1.9088	-.13830
SDev	.0000	.0004	.0004	.0015	.0042	.0040	.05054
%RSD	.00008	.02271	.02109	.07407	.20272	.20965	36.545
#1	2.0796	1.9272	2.0060	2.0159	2.0458	1.9116	-.17404
#2	2.0796	1.9266	2.0066	2.0137	2.0517	1.9060	-.10256

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.1228	1.9473	2.1416	2.0147	1.9546	.00208	.68215
SDev	.0313	.0019	.0016	.0005	.0001	.19225	.07444
%RSD	1.0008	.09879	.07555	.02635	.00747	9224.2	10.912
#1	3.1449	1.9459	2.1404	2.0151	1.9547	-.13386	.73478
#2	3.1007	1.9487	2.1427	2.0144	1.9545	.13803	.62951

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.9962	1.9204	2.1138	2.1226	-.14854	-.34894	.00075
SDev	.0023	.0026	.0009	.0019	.02584	.05529	.00042
%RSD	.11719	.13745	.04343	.08859	17.394	15.844	56.569
#1	1.9978	1.9186	2.1145	2.1213	-.16680	-.38804	.00045
#2	1.9945	1.9223	2.1132	2.1240	-.13027	-.30985	.00105

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00017	1.8854	1.9864	2.0514	1.9142	1.9227	2.1313
SDev	.00003	.0045	.0021	.0000	.0065	.0007	.0008
%RSD	21.066	.23700	.10660	.00016	.34016	.03675	.03960
#1	.00014	1.8885	1.9849	2.0514	1.9096	1.9222	2.1319
#2	.00019	1.8822	1.9879	2.0514	1.9188	1.9232	2.1307

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.1030	2.1096	2.1270
SDev	.0010	.0073	.0008
%RSD	.04542	.34651	.03903
#1	2.1037	2.1045	2.1276
#2	2.1023	2.1148	2.1264

Method: TOTAL Sample Name: ICV 0314B Operator: GAG
Run Time: 06/03/94 17:53:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0537	1.0175	.00259	1.0148	1.0389	.00003	.01534
SDev	.0012	.0000	.00131	.0006	.0002	.00002	.00003
%RSD	.10964	.00116	50.461	.05798	.01756	66.851	.20665
#1	1.0529	1.0175	.00167	1.0144	1.0391	.00005	.01531
#2	1.0545	1.0175	.00351	1.0152	1.0388	.00002	.01536

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02245	.00014	-.00007	.00063	.00012	-.00017	9.0970
SDev	.00003	.00003	.00032	.00014	.00000	.01799	.1432
%RSD	.12980	19.414	424.26	22.713	.76717	10634.	1.5738
#1	.02247	.00012	-.00030	.00053	.00012	-.01289	8.9958
#2	.02243	.00016	.00015	.00073	.00012	.01255	9.1983

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	8.5547	.00965	.01888	.00019	-.00063	1.0988	1.2944
SDev	.7939	.00021	.00081	.00005	.00000	.0002	.0824
%RSD	9.2805	2.2047	4.2856	24.634	.00003	.01784	6.3636
#1	7.9933	.00980	.01945	.00015	-.00063	1.0987	1.2361
#2	9.1160	.00950	.01830	.00022	-.00063	1.0990	1.3526

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00091	-.00046	-.00033	-.00256	.54011	1.1553	.00271
SDev	.00008	.00105	.00135	.00027	.00182	.0039	.00085
%RSD	9.1454	227.49	410.31	10.622	.33746	.33709	31.427
#1	.00097	.00028	-.00129	-.00275	.53882	1.1525	.00331
#2	.00085	-.00121	.00063	-.00236	.54140	1.1580	.00211

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00070	-.00161	.00030	.00207	-.00313	-.00003	.00061
SDev	.00007	.00145	.00043	.00036	.00126	.00095	.00255
%RSD	10.111	90.077	141.29	17.321	40.231	3016.5	415.31

008607

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#1	.00065	-.00264	.00000	.00182	-.00224	.00064	-.00119
#2	.00075	-.00059	.00060	.00233	-.00402	-.00070	.00242

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00290	.00479	-.00832
SDev	.00076	.00154	.00036
%RSD	26.106	32.285	4.3810
#1	-.00344	.00369	-.00806
#2	-.00236	.00588	-.00858

008608

Method: TOTAL Sample Name: ICV 0426G Operator: GAG
Run Time: 06/03/94 18:00:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00033	-.01004	-.00004	.01463	.00002	-.00008	S13.499
SDev	.00048	.00328	.00197	.00216	.00006	.00005	.001
%RSD	144.71	32.623	5282.6	14.746	330.86	56.991	.00403
#1	-.00001	-.01236	-.00143	.01616	.00006	-.00005	S13.498
#2	.00067	-.00772	.00136	.01311	-.00002	-.00012	S13.499

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	99.401	-.00005	-.00015	.00080	-.00000	.00150	S1000.0
SDev	.086	.00016	.00000	.00007	.00000	.00130	2.1
%RSD	.08666	344.96	.00000	8.8541	20.242	86.782	.06459
#1	99.462	.00007	-.00015	.00075	-.00000	.00241	S1000.0
#2	99.340	-.00016	-.00015	.00085	-.00000	.00058	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	98.313	S184.21	99.440	-.00311	.00515	S74.284	49.122
SDev	.574	.00	.048	.00005	.00117	.000	.111
%RSD	.58348	.00180	.04800	1.4731	22.628	.00000	.22631
#1	98.719	S184.21	99.474	-.00314	.00597	S74.284	49.200
#2	97.908	S184.20	99.406	-.00307	.00432	S74.284	49.043

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Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00005	.00034	-.00167	-.00231	.00314	.00670	.98633
SDev	.00014	.00093	.00057	.00344	.00234	.00501	.00340
%RSD	283.84	272.64	33.852	148.99	74.741	74.859	.34509
#1	.00014	-.00032	-.00127	.00012	.00148	.00315	.98873
#2	.00005	.00100	-.00207	-.00471	.00479	.01024	.98392

Elem	Tl4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0222	.00346	.00030	-.00838	.00051	-.00064	-.00500

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SDev	.0014	.00610	.00000	.00036	.00123	.00079	.00335
%RSD	.13938	176.35	.02566	4.3254	240.88	123.26	66.964
#1	1.0232	-.00085	.00030	-.00864	-.00036	-.00120	-.00263
#2	1.0212	.00778	.00030	-.00813	.00138	-.00008	-.00737

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00196	.00287	-.00685
SDev	.00061	.00947	.00065
%RSD	31.111	329.40	9.4357
#1	-.00239	.00957	-.00639
#2	-.00153	-.00382	-.00731

Method: TOTAL Sample Name: ICB 0524I Operator: GAG
Run Time: 06/03/94 18:06:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00044	.00307	.00061	.00319	.00011	-.00003	-.00024
SDev	.00076	.00110	.00075	.00128	.00000	.00002	.00001
%RSD	173.68	35.846	123.40	39.966	.00090	66.014	2.5725
#1	.00010	.00385	.00008	.00229	.00011	-.00002	-.00025
#2	-.00098	.00229	.00114	.00409	.00011	-.00005	-.00024

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00269	-.00021	-.00060	.00020	-.00147	-.00513	-.02174
SDev	.00002	.00008	.00021	.00021	.00207	.00088	.03422
%RSD	.85688	35.838	35.355	106.12	141.43	17.153	157.37
#1	.00267	-.00016	-.00075	.00005	.00000	-.00576	.00245
#2	.00270	-.00027	-.00045	.00035	-.00293	-.00451	-.0459

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.9226	.00002	.02116	-.00013	-.00124	.00220	.51310
SDev	.6358	.00012	.00081	.00004	.00087	.00068	.04945
%RSD	12.915	742.66	3.8223	35.096	70.708	30.911	9.6367
#1	H5.3722	.00010	.02174	-.00016	-.00062	.00268	.54807
#2	4.4731	-.00007	.02059	-.00009	-.00185	.00172	.47814

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00017	-.00080	.00061	-.00149	-.00258	-.00551	-.00030
SDev	.00033	.00135	.00218	.00363	.00364	.00780	.00128
%RSD	199.77	169.75	356.43	243.64	141.47	141.47	424.26
#1	.00007	.00016	-.00093	-.00406	.00000	.00000	-.00120
#2	-.00040	-.00175	.00215	.00108	-.00515	-.01103	.00060

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Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00000	.00059	.00045	-.00010	-.00233	-.00063	-.00029
SDev	.00000	.00625	.00106	.00028	.00096	.00112	.00006
%RSD	.85688	1055.3	235.79	281.52	41.230	178.25	21.755
#1	-.00000	-.00382	-.00030	.00010	-.00165	.00016	-.00033
#2	-.00000	.00501	.00120	-.00030	-.00301	-.00143	-.00025

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00104	-.00240	-.00313
SDev	.00324	.00129	.00480
%RSD	311.71	53.569	153.15
#1	-.00333	-.00331	-.00653
#2	.00125	-.00149	.00026

008610

Method: TOTAL Sample Name: ISA 0531M Operator: GAG
Run Time: 06/03/94 18:46:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00165	425.73	.00092	-.00035	.00690	.00015	S-.06792
SDev	.00025	.60	.00326	.00020	.00004	.00003	.00009
%RSD	15.199	.14077	353.36	56.347	.57274	16.923	.13069
#1	-.00183	425.31	-.00138	-.00021	.00692	.00013	S-.06786
#2	-.00147	426.15	.00323	-.00049	.00687	.00016	S-.06798

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	458.72	.00127	-.00067	-.00019	.00747	178.70	.06987
SDev	.94	.00023	.00053	.00002	.00208	.16	.00457
%RSD	.20503	18.285	78.567	8.3422	27.887	.08847	6.5343
#1	458.06	.00111	-.00105	-.00018	.00600	178.59	.06664
#2	459.39	.00144	-.00030	-.00021	.00894	178.81	.07310

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	14.391	S181.39	462.85	.00611	-.00676	S74.228	524.74
SDev	.376	.01	.44	.00040	.00320	.000	1.10
%RSD	2.6122	.00620	.09595	6.5173	47.310	.00012	.21030
#1	14.657	S181.40	462.54	.00583	-.00902	S74.228	523.96
#2	14.125	S181.38	463.17	.00639	-.00450	S74.228	525.52

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00722	.00264	-.00095	.01348	.05275	.09295	-.00158
SDev	.00033	.00135	.00161	.00067	.00001	.00005	.00287
%RSD	4.6338	51.182	169.50	5.0001	.02542	.04953	181.83

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#1	.00698	.00360	.00019	.01300	.05276	.09298	-.00361
#2	.00745	.00168	-.00209	.01395	.05275	.09292	.00045

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00086	.00172	.00424	-.00150	-.00212	.00412	.01007
SDev	.00001	.00249	.00023	.00012	.00034	.00186	.00417
%RSD	1.0984	144.59	5.3233	7.9420	15.824	45.116	41.420
#1	.00086	-.00004	.00408	-.00141	-.00189	.00543	.01303
#2	.00087	.00349	.00440	-.00158	-.00236	.00280	.00712

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00855	.03968	-.00170
SDev	.00033	.00449	.00123
%RSD	3.8668	11.325	72.398
#1	-.00832	.03650	-.00083
#2	-.00879	.04286	-.00258

Method: TOTAL Sample Name: ISB 0111K Operator: GAG
Run Time: 06/03/94 18:51:57
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.95219	413.15	.92606	.89653	.45625	.44349	S-.06620
SDev	.00363	1.53	.00945	.00686	.00135	.00218	.00023
%RSD	.38114	.37022	1.0199	.76560	.29683	.49176	.34522
#1	.95475	412.07	.91939	.89168	.45529	.44195	S-.06604
#2	.94962	414.23	.93274	.90138	.45721	.44504	S-.06637

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	441.31	.81824	.41454	.42520	.45911	172.47	10.749
SDev	2.50	.00438	.00243	.00301	.00212	.93	.040
%RSD	.56679	.53577	.58723	.70859	.46212	.53906	.37535
#1	439.54	.81514	.41282	.42307	.45760	171.82	10.721
#2	443.08	.82134	.41626	.42733	.46061	173.13	10.778

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	23.404	S181.51	445.46	.43501	.89496	S74.225	506.98
SDev	.515	.01	2.29	.00187	.00755	.000	1.22
%RSD	2.2022	.00653	.51337	.42974	.84402	.00033	.24038
#1	23.040	S181.51	443.84	.43369	.88962	S74.226	506.12
#2	23.769	S181.50	447.07	.43633	.90030	S74.225	507.84

Elem	Ni2516	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.81544	.82824	.99489	.94591	.47470	.98963	.95316

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SDev	.00661	.00019	.00465	.00504	.00057	.00138	.01053
%RSD	.81064	.02344	.46762	.53309	.12110	.13940	1.1048
#1	.81077	.82810	.99160	.94948	.47510	.99061	.94571
#2	.82012	.82838	.99818	.94235	.47429	.98866	.96060

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.91700	.85501	.43539	.94605	.82818	.82737	1.0180
SDev	.00289	.01248	.00200	.00427	.00409	.00175	.0028
%RSD	.31534	1.4602	.45854	.45143	.49384	.21160	.27713
#1	.91495	.84619	.43398	.94303	.82529	.82861	1.0160
#2	.91904	.86384	.43680	.94907	.83107	.82613	1.0200

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.98123	.97550	.92904
SDev	.00557	.00665	.01088
%RSD	.56729	.68199	1.1713
#1	.97729	.97080	.93673
#2	.98517	.98021	.92135

Method: TOTAL Sample Name: CRI 0112C Operator: GAC
Run Time: 06/03/94 19:18:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02615	.11894	.01028	.20878	.21633	.00941	S27.458
SDev	.00094	.00216	.00197	.00000	.00121	.00002	.001
%RSD	3.5845	1.8123	19.162	.00001	.56117	.24277	.00237
#1	.02681	.12046	.00888	.20878	.21547	.00940	S27.458
#2	.02548	.11741	.01167	.20878	.21719	.00943	S27.457

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.4037	.01082	.09340	.01928	.04109	.07089	9.4948
SDev	.0517	.00007	.00000	.00021	.00000	.00661	.2515
%RSD	.54971	.61101	.00000	1.1047	.00084	9.3206	2.6485
#1	9.3672	.01077	.09340	.01943	.04109	.06622	9.3170
#2	9.4403	.01087	.09340	.01913	.04109	.07557	9.6726

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L8.2536	H9.0883	9.6457	.01889	.01812	H7.3792	7.6868
SDev	.0144	.0615	.0477	.00009	.00146	.0289	.0494
%RSD	.17501	.67721	.49480	.46260	8.0358	.39106	.64215
#1	L8.2638	H9.0448	9.6120	.01883	.01915	H7.3588	7.6519
#2	L8.2434	H9.1318	9.6795	.01895	.01709	H7.3996	7.7217

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Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.07596	.00563	.01165	.00873	.09904	.21153	.09665
SDev	.00022	.00041	.00106	.00084	.00026	.00056	.00287
%RSD	.28783	7.2621	9.1072	9.6602	.26523	.26441	2.9715
#1	.07611	.00534	.01090	.00933	.09922	.21193	.09868
#2	.07580	.00592	.01240	.00814	.09885	.21114	.09462

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01943	.01082	.01881	.09816	.00488	.00571	.00870
SDev	.00007	.00102	.00064	.00122	.00103	.00113	.00404
%RSD	.35549	9.4605	3.3838	1.2391	21.123	19.763	46.442
#1	.01938	.01154	.01926	.09730	.00561	.00491	.00584
#2	.01948	.01010	.01836	.09902	.00415	.00651	.01155

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01102	.01086	.00557
SDev	.00043	.00494	.00120
%RSD	3.8641	45.469	21.552
#1	.01132	.01436	.00472
#2	.01072	.00737	.00642

Method: TOTAL Sample Name: MB 0602 Operator: GAG
Run Time: 06/03/94 19:33:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00223	.02918	.00100	.01539	.00105	.00009	.03355
SDev	.00057	.00326	.00042	.00128	.00036	.00005	.00020
%RSD	25.446	11.157	42.258	8.2815	34.697	56.569	.60484
#1	.00183	.03148	.00130	.01629	.00131	.00012	.03341
#2	.00263	.02688	.00070	.01449	.00079	.00005	.03370

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04588	.00015	.00000	.00236	.00000	.00741	.06030
SDev	.00002	.00013	.00042	.00014	.00000	.00609	.08606
%RSD	.03839	87.796	.00000	6.0237	64.738	82.237	142.72
#1	.04586	.00024	-.00030	.00226	.00000	.01171	H.12115
#2	.04589	.00006	.00030	.00246	.00000	.00310	-.00055

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.28137	.01210	.01144	.00069	-.00072	.05960	-.00595
SDev	.52428	.00028	.00324	.00005	.00015	.00168	.01667
%RSD	186.33	2.2974	28.284	6.4973	20.188	2.8142	279.97

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#1	.08934	.01190	.01373	.00072	-.00062	.05841	-.01774
#2	-.65209	.01230	.00915	.00066	-.00082	.06078	.00583

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00216	.00135	-.00143	-.00218	-.00054	-.00118	.00203
SDev	.00015	.00087	.00246	.00151	.00235	.00503	.00075
%RSD	7.1455	64.284	172.01	69.357	439.05	425.12	36.665
#1	.00227	.00074	-.00317	-.00111	-.00220	-.00474	.00256
#2	.00205	.00197	.00031	-.00325	.00113	.00237	.00150

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00017	-.00122	.00001	-.00027	.00080	.00103	-.00073
SDev	.00003	.00070	.00000	.00014	.00052	.00062	.00146
%RSD	20.350	57.266	2.0755	54.588	65.466	60.071	200.82
#1	.00020	-.00171	.00001	-.00037	.00043	.00059	-.00176
#2	.00015	-.00072	.00001	-.00016	.00117	.00146	.00030

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00388	-.00003	-.00535
SDev	.00297	.00638	.00092
%RSD	76.374	18966.	17.225
#1	-.00598	.00448	-.00600
#2	-.00179	-.00455	-.00470

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Method: TOTAL Sample Name: LCS 0506A Operator: GAG
Run Time: 06/03/94 19:37:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.98401	.97681	1.0111	.95652	.98173	.96953	.85262
SDev	.00097	.00322	.0018	.00128	.00009	.00037	.00100
%RSD	.09857	.32999	.18024	.13328	.00929	.03774	.11673
#1	.98333	.97453	1.0099	.95562	.98167	.96927	.85192
#2	.98470	.97909	1.0124	.95742	.98180	.96979	.85332

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0690	.91211	.93805	.96084	.97438	.89123	8.5535
SDev	.0000	.00188	.00064	.00043	.00000	.00307	.0926
%RSD	.00144	.20622	.06770	.04435	.00002	.34459	1.0824
#1	1.0690	.91344	.93850	.96054	.97438	.89340	8.4881
#2	1.0690	.91078	.93760	.96114	.97438	.88906	8.6190

Elem	Li4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	6.0597	.97842	1.0679	.95047	.93893	.82083	.97776

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SDev	.3973	.00059	.0024	.00013	.00073	.00067	.08666
%RSD	6.5562	.05979	.22724	.01398	.07754	.08206	8.8633
#1	6.3406	.97884	1.0696	.95056	.93841	.82036	1.0390
#2	5.7787	.97801	1.0662	.95037	.93944	.82131	.91649

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.94565	.90597	.99925	.97850	.55854	1.1798	.00549
SDev	.00291	.00055	.00263	.00839	.00157	.0034	.00032
%RSD	.30803	.06017	.26356	.85737	.28095	.28397	5.8118
#1	.94771	.90559	.99739	.97257	.55743	1.1775	.00572
#2	.94359	.90636	1.0011	.98443	.55965	1.1822	.00526

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00102	.88438	.93889	.99023	.89769	.90981	1.0091
SDev	.00000	.00429	.00149	.00099	.00076	.00044	.0028
%RSD	.00004	.48491	.15828	.10034	.08492	.04799	.27461
#1	.00102	.88135	.93784	.99093	.89715	.90950	1.0071
#2	.00102	.88741	.93994	.98952	.89823	.91011	1.0110

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.99225	.97645	.97757
SDev	.00256	.00340	.01448
%RSD	.25774	.34781	1.4818
#1	.99044	.97886	.96733
#2	.99406	.97405	.98782

Method: TOTAL Sample Name: LCS 0426C Operator: GAG
Run Time: 06/03/94 19:40:43
Comment: 2X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00136	-.00106	.00332	.01810	-.00037	-.00002	S13.503
SDev	.00051	.00436	.00175	.00039	.00000	.00005	.001
%RSD	37.766	412.86	52.692	2.1675	.65747	291.14	.00432
#1	.00172	.00203	.00208	.01838	-.00037	.00002	S13.502
#2	.00099	-.00414	.00456	.01782	-.00037	-.00005	S13.503

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	95.289	-.00016	-.00030	.00186	-.00000	-.02309	59.485
SDev	.058	.00009	.00000	.00043	.00000	.00002	.010
%RSD	.06061	56.154	.00000	22.927	.83333	.07995	.01654
#1	95.248	-.00009	-.00030	.00216	-.00000	-.02308	59.478
#2	95.330	-.00022	-.00030	.00156	-.00000	-.02310	59.491

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Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	47.325	S184.25	94.826	-.00279	-.00041	S74.284	94.350
SDev	.175	.01	.002	.00009	.00029	.000	.417
%RSD	.36935	.00432	.00170	3.1666	70.726	.00001	.44207
#1	47.202	S184.25	94.825	-.00285	-.00062	S74.284	94.055
#2	47.449	S184.24	94.827	-.00273	-.00021	S74.284	94.645

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00025	.00015	.00011	-.00477	-.02083	-.04459	Q.01504
SDev	.00040	.00030	.00009	.00302	.00340	.00726	.00085
%RSD	159.10	205.02	81.494	63.218	16.299	16.275	5.6569
#1	-.00003	-.00007	.00018	-.00690	-.01843	-.03946	Q.01564
#2	.00054	.00036	.00005	-.00264	-.02323	-.04972	Q.01444

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.51624	.00098	.00045	-.01426	-.00214	.00039	.00341
SDev	.00035	.00093	.00064	.00029	.00157	.00034	.00223
%RSD	.06796	95.326	140.25	2.0045	73.452	87.360	65.314
#1	.51600	.00032	.00000	-.01446	-.00325	.00063	.00498
#2	.51649	.00164	.00090	-.01406	-.00103	.00015	.00183

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00363	.00095	-.00973
SDev	.00097	.00592	.00157
%RSD	26.796	625.06	16.126
#1	-.00432	-.00324	-.01083
#2	-.00294	.00513	-.00862

Method: TOTAL Sample Name: 941293T-001 Operator: GAG
Run Time: 06/03/94 20:42:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00002	.01997	.00922	.81757	.72068	.00009	S-.00619
SDev	.00062	.00207	.00202	.00402	.00221	.00005	.00000
%RSD	4030.5	10.347	21.973	.49172	.30676	55.611	.01463
#1	-.00042	.02143	.01065	.82041	.72224	.00012	S-.00619
#2	.00045	.01851	.00778	.81473	.71911	.00005	S-.00619

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	210.97	-.00017	.00202	.00341	-.00229	H11.803	31.701
SDev	.93	.00008	.00011	.00021	.00000	.069	.897
%RSD	.44057	45.135	5.2378	6.2385	.16177	.58158	2.8289

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#1	211.63	-.00012	.00195	.00357	-.00228	H11.851	32.335
#2	210.32	-.00022	.00210	.00326	-.00229	H11.754	31.067

Elem	K 4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	33.098	S184.77	36.124	.36185	.00535	S74.282	85.124
SDev	.029	.00	.184	.00164	.00146	.000	.063
%RSD	.08787	.00126	.51056	.45207	27.195	.00002	.07385
#1	33.077	S184.77	36.255	.36301	.00638	S74.282	85.169
#2	33.118	S184.77	35.994	.36070	.00432	S74.282	85.080

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01393	-.00011	.00717	.00044	8.6733	18.551	.00278
SDev	.00006	.00020	.00048	.00228	.0365	.078	.00202
%RSD	.41540	178.98	6.7361	521.67	.42030	.42027	72.622
#1	.01397	.00003	.00751	.00205	8.6991	18.606	.00135
#2	.01389	-.00025	.00683	-.00118	8.6476	18.496	.00421

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.5476	-.00357	.00071	.01749	-.00098	-.00028	.00752
SDev	.0067	.00006	.00001	.00034	.00047	.00036	.00047
%RSD	.43327	1.7518	.89820	1.9497	48.123	128.32	6.2160
#1	1.5524	-.00362	.00072	.01774	-.00064	-.00053	.00786
#2	1.5429	-.00353	.00071	.01725	-.00131	-.00003	.00719

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00489	.00116	-.00202
SDev	.00049	.00109	.00288
%RSD	10.027	93.922	142.37
#1	.00524	.00192	.00001
#2	.00454	.00039	-.00405

Method: TOTAL Sample Name: 941293T-001 MD Operator: GAG
Run Time: 06/03/94 20:43:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00105	.02980	.00624	.83539	.72617	.00012	S-.00619
SDev	.00080	.00536	.00098	.00628	.00239	.00010	.00002
%RSD	75.910	17.972	15.645	.75124	.32908	81.562	.28348
#1	.00061	.02601	.00555	.83095	.72448	.00019	S-.00618
#2	.00049	.03358	.00693	.83983	.72786	.00005	S-.00620

Elem	Cd3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	212.24	-.00019	.00277	.00653	-.00228	H11.959	31.178

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SDev	1.01	.00012	.00053	.00021	.00000	.041	.935
%RSD	.47757	62.241	19.111	3.2662	.09978	.34526	2.9997
#1	211.53	-.00011	.00314	.00668	-.00228	H11.930	30.517
#2	212.96	-.00027	.00239	.00638	-.00228	H11.989	31.839

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	32.547	S184.77	36.330	.36718	.00680	S74.282	85.760
SDev	.204	.01	.167	.00128	.00058	.000	1.001
%RSD	.62631	.00575	.45869	.34865	8.5708	.00001	1.1670
#1	32.691	S184.78	36.212	.36627	.00638	S74.282	85.052
#2	32.403	S184.76	36.448	.36808	.00721	S74.282	86.467

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01497	.00014	.00761	.00344	8.6671	18.538	.00594
SDev	.00071	.00018	.00012	.00518	.0646	.138	.00075
%RSD	4.7685	130.13	1.5321	150.60	.74508	.74513	12.531
#1	.01446	.00001	.00769	-.00022	8.6214	18.440	.00647
#2	.01547	.00027	.00753	.00710	8.7128	18.635	.00542

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.5597	.00220	.00103	.01620	-.00111	.00046	.00655
SDev	.0052	.00301	.00127	.00027	.00086	.00016	.00227
%RSD	.33036	137.25	122.85	1.6540	77.298	34.219	34.627
#1	1.5560	.00433	.00193	.01601	-.00172	.00058	.00495
#2	1.5633	.00006	.00014	.01639	-.00050	.00035	.00815

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00604	.00317	.00147
SDev	.00131	.00813	.00370
%RSD	21.649	256.87	251.08
#1	.00696	-.00258	-.00114
#2	.00511	.00892	.00409

Method: TOTAL Sample Name: 941293D-001 5 Operator: GAG
Run Time: 06/03/94 20:48:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00045	.01724	.00295	.16619	.14940	.00003	S20.459
SDev	.00038	.00109	.00142	.00118	.00021	.00003	9.660
%RSD	85.340	6.3277	47.984	.70808	.14196	71.808	47.217
#1	-.00072	.01801	.00195	.16536	.14925	.00005	S13.628
#2	-.00018	.01647	.00396	.16702	.14955	.00002	S27.289

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	43.176	-.00002	.00052	.00040	.00014	2.4993	5.5153
SDev	.017	.00008	.00032	.00007	.00000	.0035	.0962
%RSD	.03995	390.99	60.609	17.706	.12739	.13976	1.7446
#1	43.164	-.00007	.00075	.00035	.00014	2.4968	5.4473
#2	43.188	.00003	.00030	.00045	.00014	2.5018	5.5833

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L8.3616	H7.1525	7.5939	.07540	-.00010	S74.284	15.529
SDev	.4454	.0055	.0081	.00000	.00102	.000	.050
%RSD	5.3271	.07694	.10652	.00084	987.98	.00000	.31909
#1	L8.6765	H7.1486	7.5996	.07540	-.00082	S74.284	15.564
#2	L8.0466	H7.1564	7.5882	.07540	.00062	S74.284	15.494

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00222	.00019	.00196	.00238	1.7951	3.8395	.00293
SDev	.00084	.00034	.00163	.00155	.0031	.0067	.00245
%RSD	37.964	180.14	83.431	65.106	.17409	.17407	83.402
#1	.00162	.00043	.00080	.00348	1.7929	3.8348	.00120
#2	.00281	-.00005	.00311	.00128	1.7973	3.8443	.00466

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.32485	-.00090	.00036	.00440	-.00017	.00007	.00043
SDev	.00021	.00023	.00021	.00007	.00030	.00066	.00296
%RSD	.06494	26.100	58.230	1.5592	171.03	905.73	681.19
#1	.32470	-.00106	.00051	.00435	-.00038	.00054	-.00166
#2	.32500	-.00073	.00021	.00445	.00004	-.00040	.00252

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00077	.00008	.00143
SDev	.00118	.00262	.00101
%RSD	154.34	3202.0	70.913
#1	-.00007	.00194	.00215
#2	.00160	-.00177	.00071

Method: TOTAL Sample Name: 941293D-001 MD Operator: GAG
Run Time: 06/03/94 20:49:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00019	.01418	.00311	.16591	.14896	.00005	S13.627
SDev	.00009	.00320	.00237	.00412	.00192	.00000	.001
%RSD	45.255	22.570	76.323	2.4822	1.2886	.23392	.00576

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#1	-.00025	.01192	.00479	.16300	.14760	.00005	S13.627
#2	-.00013	.01644	.00143	.16882	.15031	.00005	S13.628
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	43.068	-.00027	.00007	.00156	.00014	2.4968	5.1671
SDev	.626	.00009	.00074	.00043	.00000	.0382	.5508
%RSD	1.4545	35.662	989.95	27.373	1.5195	1.5309	10.659
#1	42.625	-.00020	-.00045	.00126	.00014	2.4698	4.7777
#2	43.511	-.00033	.00060	.00186	.00014	2.5238	5.5566
Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.0684	H7.1144	7.5539	.07559	.00103	S74.284	15.538
SDev	.3035	.1298	.1116	.00106	.00000	.000	.002
%RSD	3.3469	1.8238	1.4778	1.4033	.00373	.00002	.01225
#1	L8.8537	H7.0226	7.4749	.07484	.00103	S74.284	15.537
#2	L9.2830	H7.2061	7.6328	.07634	.00103	S74.284	15.540
Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00271	.00038	-.00020	.00161	1.7673	3.7801	.00060
SDev	.00036	.00118	.00350	.00637	.0378	.0808	.00149
%RSD	13.266	307.05	1728.7	395.75	2.1365	2.1364	247.49
#1	.00246	.00122	.00227	.00612	1.7406	3.7230	-.00045
#2	.00297	-.00045	-.00267	-.00290	1.7940	3.8372	.00165
Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.32406	-.00208	.00007	.00405	.00038	-.00021	.00139
SDev	.00432	.00565	.00021	.00028	.00120	.00074	.00003
%RSD	1.3323	271.27	313.32	6.7925	315.34	347.33	2.3855
#1	.32100	-.00608	.00021	.00385	.00123	.00031	.00136
#2	.32711	.00191	-.00008	.00424	-.00047	-.00074	.00141
Elem	Sb 2nd	Se 1st	Se 2nd				
Units	mg/L	mg/L	mg/L				
Avge	-.00294	.00208	-.00072				
SDev	.00505	.01029	.00442				
%RSD	171.41	494.08	610.57				
#1	.00062	.00936	.00240				
#2	-.00651	-.00519	-.00385				

008620

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Method: TOTAL Sample Name: CCV 0511H Operator: GAG
Run Time: 06/03/94 20:52:28
Comment:
Code: CONC Corr Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00072	9.7200	2.6004	2.5681	5.0855	2.5058	.95890

SDev	.00005	.0023	.0048	.0050	.0028	.0059	.00130
%RSD	7.5224	.02366	.18553	.19466	.05440	.23583	.13608
#1	.00069	9.7216	2.5970	2.5645	5.0836	2.5016	.95797
#2	.00076	9.7183	2.6038	2.5716	5.0875	2.5100	.95982

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0216	.96647	2.4698	2.4964	2.5744	4.9903	9.3012
SDev	.0021	.00126	.0048	.0031	.0042	.0069	.0903
%RSD	.20120	.12996	.19284	.12235	.16125	.13827	.97095
#1	1.0202	.96558	2.4664	2.4943	2.5715	4.9854	9.3650
#2	1.0231	.96736	2.4732	2.4986	2.5773	4.9952	9.2373

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	10.380	2.4054	2.6364	4.9828	2.4605	.98307	1.2060
SDev	.922	.0022	.0008	.0081	.0067	.00250	.1031
%RSD	8.8846	.09165	.03068	.16235	.27223	.25457	8.5524
#1	11.032	2.4038	2.6358	4.9771	2.4558	.98484	1.1331
#2	9.7280	2.4069	2.6369	4.9886	2.4653	.98130	1.2789

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4681	.95735	2.5942	2.6128	24.565	52.506	2.5910
SDev	.0022	.00068	.0038	.0111	.048	.102	.0016
%RSD	.08832	.07054	.14498	.42503	.19409	.19415	.06158
#1	2.4665	.95783	2.5916	2.6206	24.531	52.434	2.5921
#2	2.4696	.95687	2.5969	2.6049	24.599	52.578	2.5898

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.9252	.95681	2.4524	2.5494	.95298	.95863	2.6196
SDev	.0036	.00169	.0038	.0038	.00265	.00233	.0061
%RSD	.07370	.17666	.15607	.14845	.27781	.24350	.23297
#1	4.9226	.95561	2.4497	2.5467	.95111	.96028	2.6153
#2	4.9277	.95800	2.4551	2.5521	.95485	.95698	2.6240

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.5797	2.6050	2.6146
SDev	.0024	.0025	.0154
%RSD	.09227	.09518	.58914
#1	2.5780	2.6067	2.6255
#2	2.5813	2.6032	2.6037

Method: TOTAL Sample Name: CCV 0511K Operator: GAG
Run Time: 06/03/94 21:06:46
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.7139	-.01107	-.00005	.00534	-.00357	.00009	S16.016
SDev	.0001	.00762	.00243	.00039	.00021	.00000	.000
%RSD	.00401	68.813	4631.4	7.3472	5.9722	1.0179	.00255
#1	2.7138	-.00569	.00167	.00506	-.00342	.00009	S16.016
#2	2.7139	-.01646	-.00177	.00562	-.00372	.00009	S16.015

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	95.303	-.00012	-.00022	.00131	-.00587	.01231	S-100.00
SDev	.013	.00006	.00011	.00050	.00000	.00303	2261.48
%RSD	.01384	51.622	47.140	38.039	.00259	24.647	141.38
#1	95.294	-.00008	-.00030	.00166	-.00587	.01016	S-.44061
#2	95.312	-.00016	-.00015	.00095	-.00587	.01445	S-100.00

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	97.315	S184.24	95.477	-.00137	-.00113	S90.699	45.158
SDev	.002	.00	.054	.00000	.00131	.000	.074
%RSD	.00216	.00147	.05677	.16046	115.73	.00001	.16482
#1	97.317	S184.24	95.516	-.00137	-.00206	S90.699	45.211
#2	97.314	S184.24	95.439	-.00137	-.00021	S90.699	45.106

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00055	.00326	.00221	-.00091	.01492	.03190	-.00030
SDev	.00047	.00026	.00272	.00101	.00026	.00056	.00043
%RSD	84.621	7.8898	123.24	111.51	1.7165	1.7441	141.42
#1	.00089	.00344	.00413	-.00163	.01474	.03151	.00000
#2	.00022	.00308	.00028	-.00019	.01511	.03229	-.00060

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00084	-.00253	.00090	-.00689	.00010	.00394	.00413
SDev	.00004	.00378	.00042	.00021	.00049	.00063	.00032
%RSD	4.2278	149.33	46.790	3.0195	511.41	15.943	7.7375
#1	-.00082	-.00520	.00061	-.00674	-.00025	.00438	.00436
#2	-.00087	.00014	.00120	-.00703	.00044	.00350	.00391

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00085	-.00145	-.00274
SDev	.00392	.00674	.00184
%RSD	460.07	463.41	67.411
#1	.00192	-.00622	-.00143
#2	-.00362	.00331	-.00404

Method: TOTAL Sample Name: CCB 0524I Operator: GAG

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Run Time: 06/03/94 21:13:31
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00027	.00227	-.00055	.00243	.00026	-.00003	.00066
SDev	.00052	.00438	.00018	.00000	.00015	.00003	.00044
%RSD	193.95	192.99	33.656	.00046	58.947	91.763	66.806
#1	.00010	.00537	-.00042	.00243	.00015	-.00005	.00098
#2	-.00064	-.00083	-.00068	.00243	.00037	-.00001	.00035

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00062	-.00013	.00015	.00010	.00000	.00941	.03595
SDev	.00101	.00014	.00021	.00050	.00000	.00524	.01658
%RSD	161.22	112.39	141.42	495.40	57.269	55.724	46.123
#1	.00134	-.00003	.00030	-.00025	.00000	.01312	.04767
#2	-.00009	-.00023	.00000	.00045	.00000	.00570	.02422

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.6964	.00102	.00572	.00000	-.00031	.01529	.03141
SDev	.1841	.00035	.00162	.00005	.00015	.00234	.02068
%RSD	6.8269	34.867	28.285	6027.9	47.153	15.321	65.849
#1	2.8266	.00127	.00686	.00003	-.00041	.01694	.01678
#2	2.5662	.00077	.00458	-.00003	-.00021	.01363	.04603

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00025	.00008	.00001	.00040	.00313	.00669	-.00173
SDev	.00031	.00079	.00342	.00074	.00287	.00613	.00011
%RSD	123.42	995.33	40642.	184.06	91.649	91.578	6.1488
#1	-.00003	-.00048	-.00241	-.00012	.00110	.00236	-.00181
#2	-.00047	.00064	.00242	.00092	.00516	.01103	-.00165

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00000	-.00335	.00165	.00036	-.00037	-.00030	-.00143
SDev	.00000	.00317	.00191	.00007	.00142	.00232	.00225
%RSD	161.22	94.441	115.69	19.722	384.15	783.17	156.92
#1	-.00000	-.00111	.00030	.00041	.00064	-.00193	-.00302
#2	.00000	L-.00559	.00300	.00031	-.00138	.00134	.00016

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00137	.00000	-.00150
SDev	.00400	.00314	.00267
%RSD	291.82	330820	178.50
#1	-.00420	.00222	-.00339
#2	.00146	-.00222	.00039

008624

Method: TOTAL Sample Name: 941293T-001 25 S.D. Operator: GAG
Run Time: 06/03/94 21:16:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00055	.00683	.00042	.03487	.03001	.00002	S32.571
SDev	.00012	.00325	.00059	.00039	.00000	.00000	.000
%RSD	21.606	47.647	141.57	1.1248	.00497	.00000	.00128
#1	-.00064	.00453	-.00000	.03515	.03001	.00002	S32.572
#2	-.00047	.00913	.00083	.03460	.03001	.00002	S32.571

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	8.6615	-.00014	.00007	.00035	.00003	.51962	.89788
SDev	.0355	.00022	.00032	.00014	.00000	.00215	.01014
%RSD	.40990	163.47	424.26	40.402	.35258	.41386	1.1295
#1	8.6364	.00002	.00030	.00025	.00003	.52114	.90505
#2	8.6866	-.00029	-.00015	.00045	.00003	.51810	.89071

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.5559	1.4099	L1.5341	.01550	-.00113	H3.2943	2.9963
SDev	.7918	.0086	.0097	.00004	.00015	.0147	.0330
%RSD	17.380	.60865	.63277	.28140	12.853	.44700	1.1010
#1	L5.1158	1.4039	L1.5273	.01547	-.00124	H3.2839	3.0196
#2	L3.9960	1.4160	L1.5410	.01553	-.00103	H3.3047	2.9730

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00039	.00049	.00123	.00078	.35590	.76120	-.00188
SDev	.00005	.00009	.00186	.00319	.00339	.00724	.00096
%RSD	13.310	17.653	151.59	406.82	.95158	.95141	50.912
#1	.00042	.00055	.00254	.00304	.35350	.75608	-.00120
#2	.00035	.00043	-.00009	-.00147	.35829	.76633	-.00256

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06534	-.00112	.00005	.00188	.00099	-.00006	-.00043
SDev	.00016	.00172	.00000	.00014	.00209	.00092	.00161
%RSD	.24123	153.92	.42579	7.5837	211.91	1453.6	372.76
#1	.06522	-.00234	.00004	.00178	.00247	-.00071	-.00157
#2	.06545	.00010	.00005	.00198	-.00049	.00058	.00071

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00005	.00265	-.00210
SDev	.00359	.00108	.00554
%RSD	7810.3	40.741	264.01

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#1	.00249	.00189	.00182
#2	-.00258	.00342	-.00601

Method: TOTAL Sample Name: 941293T-002 Operator: GAG
Run Time: 06/03/94 21:18:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00138	H28.796	.05523	.81195	1.4763	.00454	S-.01060
SDev	.00011	.045	.00134	.00343	.0032	.00000	.00001
%RSD	7.9006	.15792	2.4325	.42263	.21848	.00154	.12576
#1	.00146	H28.764	.05618	.80952	1.4740	.00454	S-.01059
#2	.00130	H28.828	.05428	.81437	1.4786	.00454	S-.01061

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	256.73	.00614	.03884	.06848	.19007	H159.05	H39.436
SDev	.66	.00033	.00011	.00014	.00002	.40	.044
%RSD	.25702	5.3849	.27249	.20923	.01060	.24837	.11273
#1	256.26	.00590	.03892	.06858	.19006	H158.77	H39.405
#2	257.19	.00637	.03877	.06838	.19009	H159.33	H39.468

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	38.954	S184.67	42.785	1.2119	.01170	S90.693	88.371
SDev	.137	.00	.113	.0025	.00073	.000	.195
%RSD	.35062	.00250	.26470	.20353	6.2175	.00001	.22028
#1	38.857	S184.67	42.705	1.2102	.01119	S90.693	88.234
#2	39.050	S184.67	42.865	1.2137	.01222	S90.693	88.509

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.13212	.32403	.00030	.00324	H55.886	H119.52	.35056
SDev	.00002	.00162	.00331	.00182	.079	.17	.00032
%RSD	.01460	.49961	1086.5	56.028	.14158	.14157	.09102
#1	.13211	.32288	.00265	.00453	H55.830	H119.40	.35079
#2	.13214	.32517	-.00204	.00196	H55.942	H119.64	.35034

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.7801	.00122	.10341	.92463	.37492	.29772	.00673
SDev	.0040	.00381	.00003	.00350	.00045	.00220	.00272
%RSD	.22369	313.31	.03211	.37902	.11940	.74015	40.401
#1	1.7772	-.00148	.10339	.92215	.37461	.29616	.00866
#2	1.7829	.00391	.10344	.92711	.37524	.29928	.00481

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00500	.01079	-.00263

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SDev	.00361	.00174	.00359
%RSD	72.075	16.081	136.78
#1	-.00245	.00957	-.00009
#2	-.00755	.01202	-.00516

Method: TOTAL Sample Name: 941293T-002 MS PIKE Operator: GAG
Run Time: 06/03/94 21:23:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10498	H45.086	2.1117	1.8498	3.4898	.05679	S-.01270
SDev	.00083	.098	.0141	.0012	.0028	.00007	.00003
%RSD	.78897	.21647	.66858	.06358	.08033	.13101	.21054
#1	.10440	H45.017	2.1017	1.8490	3.4878	.05674	S-.01268
#2	.10557	H45.155	2.1216	1.8506	3.4917	.05685	S-.01271

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	257.84	.04711	.50727	.26558	.41045	H163.54	H41.234
SDev	.58	.00005	.00085	.00135	:00002	.32	.306
%RSD	.22525	.09568	.16691	.50716	.00400	.19582	.74141
#1	257.43	.04708	.50667	.26463	.41044	H163.32	H41.017
#2	258.25	.04715	.50787	.26653	.41046	H163.77	H41.450

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	41.449	S184.65	44.555	1.6991	.46630	S90.689	89.222
SDev	.470	.00	.099	.0025	.00204	.000	.129
%RSD	1.1341	.00003	.22151	.14995	.43693	.00004	.14464
#1	41.117	S184.65	44.485	1.6973	.46486	S90.689	89.130
#2	41.781	S184.65	44.624	1.7009	.46774	S90.689	89.313

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.58813	.72311	.55195	2.1416	H74.107	H158.49	1.2630
SDev	.00022	.00088	.00220	.0002	.209	.45	.0000
%RSD	.03827	.12108	.39860	.01037	.28250	.28251	.00000
#1	.58797	.72249	.55040	2.1418	H73.959	H158.18	1.2630
#2	.58829	.72373	.55351	2.1415	H74.255	H158.81	1.2630

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.7976	1.9077	.59338	1.3948	.77438	.69662	.56018
SDev	.0032	.0001	.00088	.0008	.00265	.00001	.00609
%RSD	.11280	.00706	.14821	.05583	.34183	.00128	1.0870
#1	2.7954	1.9078	.59276	1.3943	.77251	.69662	.56448
#2	2.7999	1.9076	.59401	1.3954	.77625	.69661	.55587

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.54575	2.1406	2.1402
SDev	.00634	.0091	.0051
%RSD	1.1615	.42473	.23756
#1	.54127	2.1342	2.1438
#2	.55023	2.1471	2.1366

Method: TOTAL Sample Name: 941293T-002 5 Operator: GAG
Run Time: 06/03/94 21:34:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00052	6.2124	.01324	.16954	.31168	.00095	S16.132
SDev	.00023	.0153	.00057	.00108	.00042	.00005	.000
%RSD	43.674	.24602	4.3083	.63631	.13455	4.9878	.00268
#1	.00069	6.2016	.01283	.17030	.31139	.00099	S16.132
#2	.00036	6.2232	.01364	.16878	.31198	.00092	S16.132

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	53.669	.00118	.00801	.01455	.03991	H34.676	6.9706
SDev	.149	.00000	.00011	.00057	.00000	.058	.0080
%RSD	.27768	.11240	1.3217	3.9087	.00741	.16596	.11418
#1	53.563	.00118	.00793	.01495	.03991	H34.636	6.9762
#2	53.774	.00118	.00808	.01415	.03991	H34.717	6.9649

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L10.344	H8.7367	9.2110	.25900	.00137	S90.787	16.595
SDev	.712	.0219	.0283	.00049	.00087	.000	.026
%RSD	6.8848	.25016	.30738	.18957	63.928	.00001	.15415
#1	L10.847	H8.7213	9.1910	.25865	.00198	S90.787	16.613
#2	L9.8400	H8.7522	9.2310	.25935	.00075	S90.787	16.577

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02837	.06921	.00153	-.00168	11.917	25.487	.07401
SDev	.00028	.00069	.00171	.00021	.044	.094	.00042
%RSD	.97454	1.0044	111.85	12.393	.36703	.36709	.57488
#1	.02818	.06872	.00274	-.00153	11.886	25.421	.07431
#2	.02857	.06970	.00032	-.00183	11.948	25.553	.07371

Elem	Sr4215	Ti1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.38061	.00241	.02159	.19459	.07836	.06404	.00011
SDev	.00052	.00035	.00043	.00100	.00003	.00060	.00583
%RSD	.13781	14.639	1.9812	.51506	.04199	.93957	5506.2

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#1	.38024	.00216	.02129	.19388	.07833	.06362	.00423
#2	.38098	.00266	.02189	.19530	.07838	.06447	-.00401

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00029	.00510	-.00717
SDev	.00013	.00195	.00066
%RSD	45.004	38.216	9.2166
#1	.00020	.00648	-.00763
#2	.00039	.00372	-.00670

Method: TOTAL Sample Name: 941293T-002 MS PIKE5 Operator: GAG
Run Time: 06/03/94 21:36:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02129	9.7486	.44162	.38274	.73676	.01187	S16.132
SDev	.00048	.0098	.00411	.00137	.00088	.00000	.000
%RSD	2.2521	.10087	.92951	.35869	.11962	.00757	.00062
#1	.02163	9.7555	.43872	.38371	.73738	.01187	S16.132
#2	.02095	9.7416	.44453	.38177	.73613	.01187	S16.132

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	53.886	.00989	.10740	.05609	.08690	H35.525	7.3302
SDev	.009	.00022	.00032	.00007	.00000	.039	.1298
%RSD	.01689	2.2084	.29565	.12711	.00225	.10874	1.7707
#1	53.893	.00974	.10717	.05604	.08690	H35.552	7.4220
#2	53.880	.01005	.10762	.05614	.08690	H35.498	7.2384

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.1256	H9.0723	9.5467	.36222	.09554	S90.786	16.633
SDev	.4788	.0069	.0113	.00014	.00102	.000	.050
%RSD	5.2469	.07594	.11863	.03756	1.0670	.00000	.29905
#1	L9.4642	H9.0772	9.5548	.36231	.09482	S90.786	16.668
#2	L8.7870	H9.0675	9.5387	.36212	.09626	S90.786	16.598

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.12626	.15503	.11941	.44807	15.772	33.733	.26414
SDev	.00022	.00076	.00024	.00174	.014	.030	.00426
%RSD	.17826	.49229	.19826	.38860	.08917	.08920	1.6107
#1	.12642	.15557	.11958	.44684	15.763	33.712	.26715
#2	.12610	.15449	.11925	.44930	15.782	33.754	.26114

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.60067	.39904	.12318	.29317	.16448	.14940	.11980

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SDev	.00040	.00198	.00043	.00007	.00067	.00081	.00437
%RSD	.06743	.49492	.34698	.02524	.40917	.54094	3.6509
#1	.60095	.40044	.12349	.29312	.16496	.14998	.11671
#2	.60038	.39764	.12288	.29322	.16401	.14883	.12290

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.11727	.45245	.44394
SDev	.00275	.00006	.00285
%RSD	2.3456	.01235	.64208
#1	.11921	.45249	.44192
#2	.11532	.45241	.44595

Method: TOTAL Sample Name: 941293T-002 PDSPIKE Operator: GAG
Run Time: 06/03/94 21:39:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10458	7.9877	2.0849	1.1881	2.3712	.05273	S16.138
SDev	.00055	.0164	.0009	.0010	.0033	.00020	.000
%RSD	.52104	.20493	.04410	.08252	.13962	.37460	.00272
#1	.10497	7.9993	2.0856	1.1888	2.3736	.05287	S16.138
#2	.10420	7.9761	2.0843	1.1874	2.3689	.05259	S16.137

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	52.205	.04455	.48856	.20717	.29225	H34.634	6.7823
SDev	.074	.00020	.00085	.00142	.00000	.025	.1978
%RSD	.14174	.44456	.17331	.68551	.00047	.07092	2.9158
#1	52.257	.04469	.48916	.20817	.29225	H34.651	6.9221
#2	52.153	.04441	.48796	.20616	.29225	H34.616	6.6424

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.6672	H8.4821	8.9427	.74412	.49231	S90.785	16.030
SDev	.1249	.0090	.0162	.00080	.00204	.000	.016
%RSD	1.2918	.10614	.18091	.10717	.41415	.00002	.10225
#1	L9.5789	H8.4885	8.9541	.74469	.49087	S90.785	16.042
#2	L9.7555	H8.4758	8.9313	.74356	.49375	S90.785	16.018

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.50332	.53617	-.00059	2.1299	16.367	35.003	.07265
SDev	.00032	.00228	.00505	.0033	.012	.025	.00085
%RSD	.06260	.42541	860.46	.15447	.07165	.07161	1.1712
#1	.50354	.53778	-.00416	2.1276	16.376	35.021	.07205
#2	.50310	.53455	.00299	2.1322	16.359	34.985	.07326

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Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.4018	1.9359	.50471	.69772	.54288	.53191	.00158
SDev	.0016	.0003	.00192	.00101	.00434	.00125	.00066
%RSD	.11297	.01361	.37948	.14464	.79936	.23558	41.730
#1	1.4030	1.9357	.50607	.69701	.54595	.53280	.00204
#2	1.4007	1.9361	.50336	.69843	.53981	.53103	.00111

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00377	2.1244	2.1306
SDev	.00790	.0008	.0053
%RSD	209.79	.03889	.25089
#1	-.00936	2.1249	2.1268
#2	.00182	2.1238	2.1344

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thod: TOTAL Sample Name: 941293T-002 25 Operator: GAG
.un Time: 06/03/94 21:44:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00025	1.2666	.00200	.03535	.06354	.00018	832.557
SDev	.00077	.0022	.00081	.00049	.00012	.00003	.000
%RSD	313.78	.17233	40.400	1.3869	.18898	13.719	.00083
#1	.00079	1.2681	.00258	.03570	.06363	.00020	832.558
#2	-.00030	1.2650	.00143	.03500	.06346	.00016	832.557

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	10.897	.00013	.00142	.00313	.00623	7.1116	1.2606
SDev	.036	.00004	.00011	.00014	.00000	.0176	.0344
%RSD	.33483	30.792	7.4432	4.5405	.01455	.24698	2.7263
#1	10.923	.00016	.00135	.00303	.00623	7.1240	1.2363
#2	10.871	.00010	.00150	.00323	.00623	7.0992	1.2849

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.3677	1.7362	L1.8727	.05281	-.00125	H3.5617	3.0735
SDev	.0530	.0041	.0097	.00018	.00087	.0091	.0665
%RSD	1.5735	.23595	.51834	.33747	69.854	.25450	2.1636
#1	L3.4052	1.7391	L1.8796	.05294	-.00187	H3.5681	3.1205
#2	L3.3302	1.7333	L1.8659	.05268	-.00063	H3.5553	3.0265

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
nits	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00504	.01441	.00239	.00021	2.4206	5.1770	.01406
SDev	.00010	.00090	.00118	.00326	.0018	.0039	.00032
%RSD	1.9146	6.2647	49.119	1542.9	.07520	.07521	2.2688

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Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.49665	.49114	.00133	2.1503	7.2703	15.547	.01331
SDev	.00053	.00057	.00421	.0041	.0193	.041	.00181
%RSD	.10746	.11668	316.99	.19066	.26505	.26508	13.583
#1	.49627	.49155	-.00165	2.1474	7.2567	15.518	.01203
#2	.49703	.49074	.00430	2.1532	7.2839	15.576	.01459

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1291	1.9555	.49297	.55493	.48975	.49094	.00154
SDev	.0033	.0065	.00212	.00144	.00215	.00022	.00374
%RSD	.29324	.33440	.43095	.25853	.43953	.04390	242.46
#1	1.1268	1.9509	.49147	.55392	.49127	.49078	-.00110
#2	1.1315	1.9602	.49447	.55595	.48823	.49109	.00418

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00088	2.1455	2.1506
SDev	.00444	.0032	.0045
%RSD	506.12	.15116	.21092
#1	-.00402	2.1432	2.1474
#2	.00226	2.1478	2.1538

Method: TOTAL Sample Name: 941293T-003 Operator: GAG
Run Time: 06/03/94 21:55:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00025	.06756	.00381	.09359	.02339	.00000	S24.356
SDev	.00060	.00329	.00285	.00069	.00000	.00003	11.491
%RSD	243.07	4.8661	74.801	.73354	.00128	969.07	47.178
#1	.00018	.06524	.00583	.09407	.02339	.00002	S32.481
#2	-.00067	.06989	.00180	.09310	.02339	-.00002	S16.231

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	22.970	-.00005	-.00060	.00346	.00003	.25794	4.2714
SDev	.007	.00031	.00000	.00028	.00000	.00087	.0499
%RSD	.03091	609.92	.00000	8.2052	.02789	.33869	1.1671
#1	22.975	.00017	-.00060	.00366	.00003	.25856	4.2362
#2	22.965	-.00027	-.00060	.00326	.00003	.25732	4.3067

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.6485	1.6920	L1.8115	.09498	.00144	S49.772	7.2500
SDev	.0711	.0013	.0008	.00022	.00029	58.005	.0334
%RSD	1.5288	.07627	.04465	.23264	20.212	116.54	.46005

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#1	L4.5983	1.6911	L1.8121	.09482	.00123	H8.7559	7.2264
#2	L4.6988	1.6929	L1.8110	.09513	.00165	S90.788	7.2736

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00186	.00406	.00222	-.00150	1.4753	3.1556	.00150
SDev	.00047	.00015	.00466	.00414	.0078	.0167	.00128
%RSD	25.303	3.8084	210.44	276.04	.52939	.52955	84.853
#1	.00219	.00395	-.00108	-.00443	1.4698	3.1438	.00241
#2	.00152	.00417	.00551	.00143	1.4808	3.1675	.00060

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19071	-.00416	.00123	.01115	.00282	.00408	.00196
SDev	.00009	.00242	.00042	.00007	.00206	.00037	.00156
%RSD	.04609	58.208	34.530	.66456	72.985	9.1408	79.396
#1	.19077	-.00245	.00153	.01110	.00137	.00434	.00086
2	.19065	-.00588	.00093	.01121	.00428	.00382	.00306

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00039	-.00126	-.00372
SDev	.00643	.00154	.00544
%RSD	1628.5	122.06	146.38
#1	-.00415	-.00236	-.00757
#2	.00494	-.00017	.00013

Method: TOTAL Sample Name: CCV 0511H Operator: GAG
Run Time: 06/03/94 21:57:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00066	9.7697	2.5890	2.5670	5.0971	2.4940	.95622
SDev	.00029	.0697	.0013	.0127	.0223	.0124	.00473
%RSD	44.400	.71303	.05138	.49638	.43661	.49644	.49467
#1	.00045	9.7204	2.5881	2.5580	5.0814	2.4853	.95288
#2	.00087	9.8190	2.5900	2.5761	5.1128	2.5028	.95957

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0153	.96032	2.4519	2.4854	2.5750	5.0159	9.2753
SDev	.0051	.00365	.0085	.0109	.0145	.0187	.1142
%RSD	.49958	.37979	.34533	.43719	.56401	.37208	1.2310
#1	1.0117	.95774	2.4459	2.4777	2.5648	5.0027	9.1946
2	1.0189	.96290	2.4579	2.4931	2.5853	5.0291	9.3561

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.1174	2.4043	2.6089	4.9818	2.4498	.97127	.91529

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SDev	.4635	.0150	.0121	.0219	.0146	.00583	.04068
%RSD	5.0833	.62568	.46511	.43923	.59440	.60076	4.4443
#1	9.4451	2.3937	2.6003	4.9663	2.4395	.96714	.88652
#2	8.7897	2.4150	2.6175	4.9972	2.4600	.97539	.94405

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	Si02	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4688	.94989	2.5910	2.5900	24.597	52.575	2.5727
SDev	.0087	.00424	.0028	.0141	.135	.290	.0177
%RSD	.35397	.44628	.10629	.54588	.55087	.55096	.68631
#1	2.4626	.94689	2.5891	2.5800	24.501	52.370	2.5602
#2	2.4749	.95288	2.5930	2.6000	24.693	52.779	2.5852

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.9133	.94603	2.4460	2.5530	.94186	.95299	2.6062
SDev	.0210	.01201	.0106	.0109	.00091	.00590	.0029
%RSD	.42675	1.2694	.43492	.42806	.09697	.61907	.11316
#1	4.8985	.93754	2.4385	2.5453	.94121	.94882	2.6041
#2	4.9282	.95452	2.4536	2.5607	.94250	.95717	2.6083

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.5814	2.5809	2.5927
SDev	.0027	.0157	.0136
%RSD	.10292	.60945	.52288
#1	2.5795	2.5698	2.5831
#2	2.5833	2.5920	2.6023

Method: TOTAL Sample Name: CCV 0511K Operator: GAG
Run Time: 06/03/94 21:59:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.7047	-.00101	.00155	.00617	-.00356	.00019	S16.005
SDev	.0007	.00004	.00013	.00000	.00021	.00000	.001
%RSD	.02538	3.6097	8.3273	.00036	5.7791	1.1778	.00549
#1	2.7042	-.00099	.00164	.00617	-.00371	.00019	S16.006
#2	2.7052	-.00104	.00146	.00617	-.00341	.00019	S16.004

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	94.989	.00003	-.00037	.00080	.00147	.00328	S-100.00
SDev	.169	.00007	.00074	.00007	.00207	.00479	.53
%RSD	.17818	259.27	197.99	8.8384	141141	146.14	.01669
#1	94.870	.00008	-.00090	.00085	.00293	-.00011	S-100.00
#2	95.109	.00002	.00015	.00075	.00000	.00666	S-100.00

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Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	94.379	S184.23	95.744	-.00132	.00072	S90.787	45.710
SDev	.643	.00	.108	.00009	.00044	.000	.103
%RSD	.68160	.00131	.11322	6.4504	60.608	.00000	.22634
#1	93.925	S184.24	95.668	-.00138	.00103	S90.787	45.637
#2	94.834	S184.23	95.821	-.00126	.00041	S90.787	45.783

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00011	.00249	.00267	.00364	.01290	.02757	.00113
SDev	.00021	.00020	.00150	.00088	.00052	.00112	.00181
%RSD	194.45	7.8968	56.308	24.072	4.0462	4.0463	160.28
#1	-.00004	.00235	.00373	.00426	.01326	.02836	-.00015
#2	.00026	.00263	.00161	.00302	.01253	.02678	.00241

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00083	-.00247	.00075	-.00738	.00098	.00264	.00245
SDev	.00003	.00648	.00106	.00001	.00066	.00046	.00007
%RSD	3.6716	262.67	141.00	.10088	67.217	17.361	2.8383
#1	-.00086	-.00705	.00000	-.00737	.00052	.00297	.00250
#2	-.00081	.00212	.00150	-.00738	.00145	.00232	.00240

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00083	.00167	.00268
SDev	.00201	.00684	.00452
%RSD	241.83	408.71	168.87
#1	.00225	-.00316	.00587
#2	-.00059	.00651	-.00052

Method: TOTAL Sample Name: CCB 0524I Operator: GAG
Run Time: 06/03/94 22:01:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00004	.01237	.00225	.00201	.00017	.00012	.00041
SDev	.00006	.00549	.00248	.00098	.00009	.00000	.00015
%RSD	169.71	44.383	110.36	48.767	53.035	1.4912	37.097
#1	.00008	.00849	.00049	.00270	.00024	.00012	.00051
#2	-.00001	.01626	.00401	.00132	.00011	.00012	.00030

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00199	.00004	-.00060	.00060	.00000	.01353	.05254
SDev	.00100	.00009	.00000	.00007	.00000	.01007	.02164
%RSD	49.941	193.31	.00000	11.767	72.890	74.443	41.188

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#1	.00270	-.00002	-.00060	.00055	.00000	H.02065	.03724
#2	.00129	.00011	-.00060	.00065	.00000	.00641	.06784

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.4230	.00045	.00801	-.00003	-.00072	.00794	.24349
SDev	.5151	.00006	.00162	.00009	.00073	.00176	.07068
%RSD	11.645	12.659	20.203	289.74	101.00	22.089	29.027
#1	4.7872	.00041	.00915	-.00009	-.00021	.00918	.29347
#2	4.0588	.00049	.00686	.00003	-.00124	.00670	.19352

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00036	.00082	.00049	.00155	.00185	.00394	-.00196
SDev	.00016	.00124	.00094	.00743	.00052	.00112	.00000
%RSD	44.194	150.96	190.48	478.16	28.304	28.383	.00000
#1	-.00048	.00169	.00116	H.00681	.00148	.00315	-.00196
#2	-.00025	-.00006	-.00017	-.00370	.00221	.00473	-.00196

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00002	.00119	.00000	.00046	-.00116	.00121	.00327
SDev	.00003	.00074	.00085	.00007	.00219	.00118	.00184
%RSD	141.62	61.972	30995.	15.552	189.78	98.137	56.258
#1	.00005	.00067	.00060	.00041	-.00040	.00204	.00456
#2	-.00000	.00171	-.00060	.00051	-.00271	.00037	.00197

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00299	.00259	-.00091
SDev	.00049	.00278	.00997
%RSD	16.381	107.47	1095.7
#1	-.00264	.00455	.00614
#2	-.00334	.00062	-.00796

Method: TOTAL Sample Name: 941293T-005 Operator: GAG
Run Time: 06/03/94 22:04:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00065	.09303	.00505	.07368	.02547	.00017	S32.476
SDev	.00001	.00652	.00066	.00020	.00030	.00002	.002
%RSD	1.6836	7.0125	13.128	.26633	1.1748	12.901	.00626
#1	-.00066	.08842	.00458	.07382	.02526	.00019	S32.475
#2	-.00064	.09764	.00552	.07354	.02569	.00016	S32.478

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	23.581	-.00001	-.00015	.00306	.00003	.27959	4.2533

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SDev	.114	.00009	.00042	.00028	.00000	.01842	.0258
%RSD	.48141	1356.7	282.84	9.2754	3.1968	6.5891	.60754
#1	23.501	.00006	-.00045	.00286	.00003	.26656	4.2350
#2	23.661	-.00007	.00015	.00326	.00003	.29262	4.2715

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L6.9483	1.7299	L1.8682	.10545	.00093	S49.841	7.6067
SDev	.1238	.0086	.0081	.00044	.00102	57.907	.0745
%RSD	1.7820	.49911	.43301	.42065	110.12	116.18	.97971
#1	L6.8608	1.7238	L1.8624	.10514	.00020	H8.8945	7.5540
#2	L7.0359	1.7360	L1.8739	.10576	.00165	S90.788	7.6594

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00201	.00510	.00291	.00123	1.5149	3.2403	.00353
SDev	.00028	.00073	.00074	.00196	.0154	.0329	.00011
%RSD	14.046	14.283	25.415	158.84	1.0143	1.0141	3.0090
#1	.00221	.00458	.00343	.00262	1.5040	3.2171	.00346
#2	.00181	.00561	.00239	-.00015	1.5258	3.2635	.00361

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19377	.00029	.00123	.01623	.00436	.00457	.00268
SDev	.00091	.00015	.00085	.00022	.00110	.00054	.00164
%RSD	.47125	51.373	69.071	1.3319	25.191	11.900	61.252
#1	.19312	.00019	.00063	.01608	.00358	.00418	.00152
#2	.19441	.00040	.00183	.01638	.00513	.00495	.00384

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00093	.00473	-.00261
SDev	.00193	.00149	.00369
%RSD	207.82	31.563	141.19
#1	.00229	.00368	-.00000
#2	-.00044	.00579	-.00522

Method: TOTAL Sample Name: 941293T-007 Operator: GAG
Run Time: 06/03/94 22:07:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.00018	S24.306
SDev	.00025	.00221	.00076	.00049	.00000	.00002	11.471
%RSD	[illegible]	[illegible]	11.714	[illegible]	.00243	12.563	[illegible]
#1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.00019	S32.417
#2	[illegible]	[illegible]	.00698	.07339	.03863	.00016	S16.195
	[illegible]	.69044	.00591	.07408	.03863		

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	32.713	.00016	.00060	.00852	.00745	1.6815	4.4772
SDev	.022	.00015	.00021	.00007	.00207	.0039	.0320
%RSD	.06820	97.199	35.355	.83442	27.859	.23461	.71579
#1	32.697	.00005	.00075	.00847	.00598	1.6787	4.4999
#2	32.728	.00027	.00045	.00857	.00891	1.6843	4.4546

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L7.2833	2.1291	L2.2852	.17702	.00092	H9.1204	7.6765
SDev	.2489	.0000	.0008	.00018	.00015	.0050	.0584
%RSD	3.4175	.00188	.03539	.10007	15.853	.05466	.76060
#1	L7.4593	2.1291	L2.2846	.17690	.00102	H9.1169	7.7178
#2	L7.1073	2.1291	L2.2857	.17715	.00082	H9.1239	7.6352

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00369	.01778	.00065	-.00228	2.6392	5.6449	.00511
SDev	.00024	.00043	.00067	.00521	.0055	.0117	.00213
%RSD	6.6264	2.4134	103.92	228.27	.20722	.20721	41.595
#1	.00351	.01748	.00117	L-.00596	2.6353	5.6366	.00361
#2	.00386	.01809	.00017	.00140	2.6430	5.6532	.00662

Elem	Sr4215	Tl1908	V 2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.21369	-.00267	.00347	.04585	.01513	.01850	.00458
SDev	.00016	.00243	.00085	.00022	.00028	.00121	.00340
%RSD	.07392	90.931	24.501	.48105	1.8605	6.5384	74.196
#1	.21358	-.00438	.00267	.04600	.01533	.01765	.00698
#2	.21380	-.00095	.00407	.04569	.01493	.01936	.00218

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00342	-.00203	-.00451
SDev	.00069	.00566	.00498
%RSD	20.152	278.47	110.61
#1	-.00390	-.00604	-.00903
#2	-.00293	.00197	-.00098

Method: TOTAL Sample Name: ISA 0531M Operator: GAG
Run Time: 06/03/94 22:12:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00205	429.35	-.00197	.00014	.00733	.00028	S-.06920
SDev	.00019	.67	.00145	.00069	.00012	.00003	.00009
%RSD	9.0382	.15509	73.966	499.90	1.6748	8.6384	.13415

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#1	-.00218	428.88	-.00094	-.00035	.00724	.00030	S-.06913
#2	-.00192	429.82	-.00300	.00062	.00741	.00027	S-.06926

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	456.20	.00120	-.00022	-.00034	.00305	178.23	.00298
SDev	.70	.00029	.00032	.00048	.00000	.06	.00324
%RSD	.15308	24.451	141.42	140.11	.10691	.03614	108.79
#1	455.70	.00099	.00000	-.00068	.00304	178.19	.00527
#2	456.69	.00141	-.00045	-.00000	.00305	178.28	.00069

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	13.536	S181.37	461.96	.00547	-.00495	S90.730	534.14
SDev	.051	.00	.28	.00022	.00234	.000	.54
%RSD	.37592	.00228	.06024	3.9815	47.266	.00011	.10167
#1	13.572	S181.37	461.76	.00531	-.00329	S90.731	533.76
2	13.500	S181.36	462.15	.00562	-.00660	S90.730	534.53

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00690	.00994	-.00320	.02132	.05739	.10292	-.00632
SDev	.00039	.00025	.00081	.00516	.00391	.00837	.00277
%RSD	5.5935	2.5594	25.156	24.193	6.8089	8.1353	43.773
#1	.00662	.00976	-.00377	.01767	.06015	.10885	-.00827
#2	.00717	.01012	-.00263	.02497	.05463	.09700	-.00436

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00101	-.00256	.00540	-.00082	-.01264	.02031	.00906
SDev	.00002	.00174	.00020	.00024	.00127	.00102	.00083
%RSD	1.9018	67.975	3.8057	29.585	10.053	5.0010	9.1422
#1	.00102	-.00133	.00554	-.00065	-.01174	.01959	.00964
#2	.00099	-.00379	.00525	-.00100	-.01354	.02103	.00847

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.01113	.04746	.00632
SDev	.00162	.00974	.00308
%RSD	14.580	20.523	48.780
#1	-.01227	.04057	.00414
#2	-.00998	.05435	.00850

Method: TOTAL Sample Name: ISB 0111K Operator: GAG
Run Time: 06/03/94 22:52:30
Comment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.91733	415.84	.93611	.91830	.46331	.44485	S-.06745

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#1	.00497	.01377	.00156	.00251	2.4219	5.1797	.01384
#2	.00511	.01505	.00322	-.00209	2.4194	5.1742	.01429

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.07765	-.00420	.00406	.03963	.01551	.01296	.00081
SDev	.00017	.00353	.00021	.00000	.00075	.00098	.00074
%RSD	.22565	84.030	5.2490	.00118	4.8369	7.5531	90.975
#1	.07777	-.00670	.00421	.03963	.01498	.01227	.00029
#2	.07752	-.00171	.00391	.03963	.01604	.01365	.00133

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00123	.00235	-.00295
SDev	.00118	.00515	.00231
%RSD	95.822	219.28	78.219
#1	.00040	.00599	-.00132
#2	.00207	-.00129	-.00459

Method: TOTAL Sample Name: 941293T-002 MS PIK25 Operator: GAG
Run Time: 06/03/94 21:46:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	**Ag3280**	**Al3082**	**As1890**	**B_2496**	**Ba4934**	**Be3130**	**Ca3968**
Units	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
Avge	.00459	1.9781	.08725	.07806	.14889	.00238	S32.557
SDev	.00011	.0120	.00105	.00049	.00042	.00003	.000
%RSD	2.3768	.60786	1.2022	.62822	.28487	1.0354	.00052
#1	.00451	1.9866	.08799	.07771	.14919	.00240	S32.558
#2	.00466	1.9696	.08651	.07841	.14859	.00236	S32.557

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	10.886	.00188	.02200	.01165	.01797	7.2505	1.2679
SDev	.035	.00002	.00042	.00000	.00000	.0127	.0031
%RSD	.32599	1.1776	1.9241	.00279	.00378	.17575	.24135
#1	10.912	.00186	.02170	.01165	.01797	7.2595	1.2657
#2	10.861	.00190	.02230	.01165	.01797	7.2415	1.2700

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.2079	1.7944	L1.9328	.07351	.01758	H3.5824	3.0708
SDev	.3378	.0044	.0121	.00027	.00073	.0051	.0085
%RSD	10.530	.24447	.62779	.36192	4.1415	.14340	.27521
#1	L2.9691	1.7975	L1.9414	.07370	.01707	H3.5861	3.0648
2	L3.4468	1.7913	L1.9242	.07333	.01810	H3.5788	3.0767

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02572	.03057	.02367	.09235	3.1814	6.8040	.05385

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SDev	.00032	.00126	.00162	.00018	.0089	.0189	.00106
%RSD	1.2500	4.1159	6.8620	.19757	.27827	.27830	1.9752
#1	.02595	.02968	.02482	.09222	3.1876	6.8174	.05460
#2	.02549	.03146	.02252	.09248	3.1751	6.7906	.05310

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.12201	.07553	.02540	.05969	.03287	.02912	.02239
SDev	.00040	.00414	.00021	.00050	.00331	.00023	.00420
%RSD	.33134	5.4809	.83952	.83850	10.080	.79688	18.759
#1	.12230	.07261	.02555	.06004	.03053	.02895	.02536
#2	.12173	.07846	.02525	.05933	.03521	.02928	.01942

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.02221	.09089	.09098
SDev	.00034	.00092	.00019
%RSD	1.5208	1.0168	.20647
#1	.02245	.09024	.09111
#2	.02197	.09154	.09084

Method: TOTAL Sample Name: 941293T-002 PDSPIKE Operator: GAG
Run Time: 06/03/94 21:49:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10634	3.2124	2.0717	1.0550	2.1638	.05217	S32.559
SDev	.00118	.0130	.0121	.0027	.0070	.00008	.000
%RSD	1.1069	.40614	.58377	.26022	.32167	.14763	.00062
#1	.10551	3.2031	2.0632	1.0531	2.1588	.05212	S32.559
#2	.10717	3.2216	2.0803	1.0570	2.1687	.05223	S32.559

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	10.592	.04403	.49597	.19991	.27622	7.9262	1.1655
SDev	.053	.00002	.00180	.00021	.00000	.0263	.0134
%RSD	.49760	.04671	.36279	.10642	.00057	.33179	1.1531
#1	10.554	.04404	.49469	.19976	.27622	7.9076	1.1750
#2	10.629	.04402	.49724	.20006	.27622	7.9448	1.1560

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.5490	1.7010	L1.8373	.55545	.49381	H3.5000	2.8933
SDev	.2299	.0059	.0032	.00164	.00320	.0177	.1130
%RSD	14.844	.34725	.17611	.29490	.64874	.50632	3.9059
#1	1.3864	1.6969	L1.8350	.55429	.49154	H3.4875	2.9732
#2	1.7116	1.7052	L1.8396	.55661	.49607	H3.5126	2.8134

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SDev	.00868	.87	.00410	.00177	.00041	.00003	.00013
%RSD	.94569	.20905	.43845	.19221	.08842	.00554	.19773
#1	.92346	415.22	.93902	.91955	.46302	.44483	S-.06735
#2	.91120	416.45	.93321	.91706	.46360	.44487	S-.06754

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	442.25	.82421	.41551	.42739	.46192	173.08	10.845
SDev	.38	.00017	.00021	.00055	.00208	.03	.121
%RSD	.08591	.02080	.05094	.12746	.44937	.01842	1.1167
#1	441.98	.82408	.41536	.42701	.46046	173.06	10.759
#2	442.52	.82433	.41566	.42778	.46339	173.11	10.930

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	28.053	S181.47	449.52	.43749	.90259	S90.728	513.71
SDev	.407	.01	.24	.00018	.00057	.000	1.65
%RSD	1.4525	.00331	.05273	.04158	.06338	.00012	.32174
#1	28.341	S181.47	449.35	.43762	.90219	S90.728	512.54
#2	27.764	S181.46	449.69	.43737	.90299	S90.728	514.87

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.82016	.84156	.99374	.95745	.47703	.99452	.95286
SDev	.00024	.00505	.00005	.00137	.00078	.00168	.00032
%RSD	.02980	.60006	.00533	.14340	.16342	.16887	.03349
#1	.81999	.84513	.99370	.95647	.47758	.99571	.95308
#2	.82033	.83799	.99377	.95842	.47648	.99334	.95263

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.91817	.87749	.43695	.94974	.81888	.85198	1.0231
SDev	.00017	.00329	.00022	.00053	.00414	.00550	.0076
%RSD	.01805	.37526	.04950	.05583	.50580	.64594	.73968
#1	.91805	.87982	.43680	.95012	.82181	.85587	1.0285
#2	.91828	.87516	.43710	.94937	.81595	.84809	1.0178

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.97697	.97595	.94611
SDev	.00386	.00131	.00271
%RSD	.39485	.13395	.28655
#1	.97425	.97687	.94419
#2	.97970	.97502	.94803

Method: TOTAL Sample Name: CRI 0112C Operator: GAG
Run Time: 06/03/94 22:55:53
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.07603	.14139	.01250	.21904	.22298	.00977	S32.564
SDev	.01084	.00219	.00195	.00118	.00036	.00000	.000
%RSD	14.263	1.5509	15.608	.53725	.16342	.00003	.00012
#1	.08370	.13984	.01388	.21987	.22324	.00977	S32.564
#2	.06836	.14294	.01112	.21821	.22273	.00977	S32.564

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/l	mg/L	mg/L	mg/L	mg/L
Avge	9.5852	.01117	.09535	.01958	.03814	.08053	9.6777
SDev	.0101	.00006	.00000	.00021	.00000	.01052	.1033
%RSD	.10554	.51600	.00000	1.0884	.00134	13.068	1.0676
#1	9.5924	.01113	.09535	.01973	.03814	.08798	9.6046
#2	9.5781	.01121	.09535	.01943	.03814	.07309	9.7508

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L15.799	H9.3174	9.9849	.01938	.01936	S49.900	8.4024
SDev	.551	.0054	.0243	.00009	.00029	57.825	.0790
%RSD	3.4901	.05830	.24305	.45510	1.5048	115.88	.94026
#1	L16.189	H9.3212	10.002	.01932	.01956	S90.788	8.4583
#2	L15.409	H9.3135	9.9677	.01944	.01915	H9.0116	8.3465

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.07725	.00798	.01243	.00805	.10566	.22570	.10229
SDev	.00003	.00063	.00071	.00099	.00026	.00055	.00170
%RSD	.03330	7.9403	5.6879	12.267	.24724	.24560	1.6638
#1	.07723	.00842	.01193	.00874	.10584	.22609	.10108
#2	.07727	.00753	.01293	.00735	.10548	.22531	.10349

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/l	mg/L	mg/L	mg/L	mg/L
Avge	.01977	.01185	.01866	.10180	.00658	.00807	.01268
SDev	.00000	.00322	.00000	.00015	.00020	.00043	.00447
%RSD	.00140	27.177	.00781	.14333	3.0336	5.2741	35.280
#1	.01977	.01412	.01866	.10170	.00672	.00837	.00952
#2	.01977	.00957	.01866	.10190	.00644	.00777	.01585

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01020	.01389	.00303
SDev	.00117	.00406	.00351
%RSD	11.509	29.271	115.75
#1	.01103	.01101	.00551
2	.00937	.01676	.00055

Method: TOTAL Sample Name: CCV 0511H Operator: GAG

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Run Time: 06/03/94 22:58:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/l	mg/L	mg/L	mg/L	mg/L
Avge	.04021	9.7780	2.6117	2.5953	5.1340	2.4951	.95594
SDev	.00400	.1010	.0187	.0276	.0454	.0246	.00965
%RSD	9.9467	1.0331	.71573	1.0651	.88354	.98481	1.0097
#1	.04304	9.7065	2.5985	2.5758	5.1019	2.4777	.94912
#2	.03738	9.8494	2.6249	2.6149	5.1661	2.5125	.96277

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L
Avge	1.0166	.96848	2.4661	2.5012	2.5707	5.0827	9.2143
SDev	.0091	.00861	.0209	.0228	.0249	.0280	.4579
%RSD	.89543	.88958	.84550	.91149	.96857	.55184	4.9691
#1	1.0101	.96239	2.4513	2.4850	2.5530	5.0629	08.8905
#2	1.0230	.97457	2.4808	2.5173	2.5883	5.1026	9.5381

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	12.697	2.4159	2.6484	5.0028	2.4585	1.0155	1.1880
SDev	.122	.0285	.0291	.0448	.0301	.0176	.0269
%RSD	.96201	1.1797	1.0996	.89505	1.2261	1.7348	2.2608
#1	12.610	2.3957	2.6278	4.9712	2.4372	1.0030	1.1690
#2	12.783	2.4360	2.6690	5.0345	2.4798	1.0280	1.2070

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4808	.95937	2.6127	2.6114	24.643	52.673	2.6057
SDev	.0234	.00452	.0131	.0153	.220	.471	.0278
%RSD	.94378	.47105	.49971	.58724	.89366	.89365	1.0654
#1	2.4642	.95618	2.6035	2.6006	24.488	52.341	2.5861
#2	2.4973	.96257	2.6220	2.6222	24.799	53.006	2.6253

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.9305	.95580	2.4537	2.5538	.95038	.96296	2.6168
SDev	.0413	.02038	.0228	.0233	.00233	.00561	.0370
%RSD	.83730	2.1327	.92773	.91412	.24501	.58286	1.4140
#1	4.9013	.94138	2.4376	2.5373	.94873	.95900	2.5906
#2	4.9597	.97021	2.4698	2.5704	.95202	.96693	2.6429

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/l
Avge	2.6086	2.6149	2.6077
SDev	.0011	.0079	.0193
RSD	.04227	.30151	.73886
#1	2.6079	2.6093	2.5941
#2	2.6094	2.6205	2.6213

008643

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Method: TOTAL Sample Name: CCV 0511K Operator: GAG
Run Time: 06/03/94 23:01:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.7396	.00585	.00171	.00915	-.00368	.00026	S15.997
SDev	.0052	.00110	.00256	.00324	.00031	.00000	.000
%RSD	.19135	18.761	149.90	35.358	8.4928	.00116	.00043
#1	2.7359	.00663	-.00010	.01144	-.00346	.00026	S15.997
#2	2.7433	.00508	.00351	.00686	-.00390	.00026	S15.997

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	95.371	.00015	-.00030	.00136	.00000	.01652	S1000.0
SDev	.209	.00024	.00021	.00028	.00000	.00791	2244.7
%RSD	.21893	159.04	70.711	20.952	62.464	47.910	132.90
#1	95.223	.00033	-.00015	.00156	.00000	.02212	101.83
#2	95.519	-.00002	-.00045	.00116	.00000	.01092	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	97.600	S184.22	96.899	-.00139	.00360	S90.787	46.233
SDev	.201	.00	.155	.00013	.00218	.000	.345
%RSD	.20618	.00139	.16029	9.0955	60.612	.00000	.74680
#1	97.458	S184.23	96.789	-.00148	.00515	S90.787	45.989
#2	97.743	S184.22	97.008	-.00130	.00206	S90.787	46.477

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00045	.00373	.00092	-.00020	.02174	.04647	.00624
SDev	.00042	.00030	.00129	.00384	.00781	.01671	.00202
%RSD	94.281	8.0719	140.09	1932.7	35.946	35.954	32.374
#1	.00015	.00394	.00184	.00252	.02726	.05829	.00481
#2	.00075	.00352	.00001	-.00292	.01621	.03466	.00767

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00079	-.00078	.00061	-.00718	.00186	.00406	.00274
SDev	.00004	.00875	.00000	.00002	.00135	.00020	.00123
%RSD	5.1581	1120.0	.23513	.23078	72.570	4.9957	44.849
#1	-.00077	.00697	.00061	-.00747	.00281	.00421	.00360
#2	-.00082	.00541	.00060	-.00715	.00090	.00392	.00187

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00208	-.00160	-.00130
SDev	.00133	.00304	.00425
%RSD	63.901	190.03	326.80

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#1	-.00114	.00055	.00170
#2	-.00302	-.00375	-.00430

Method: TOTAL Sample Name: CCB 0524I Operator: GAG
Run Time: 06/03/94 23:03:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00570	.01545	-.00013	.00263	.00011	.00016	.00066
SDev	.00021	.00110	.00085	.00049	.00000	.00000	.00018
%RSD	3.6311	7.0852	650.32	18.608	.03930	.00188	26.801
#1	.00556	.01468	-.00073	.00229	.00011	.00016	.00079
#2	.00585	.01623	.00047	.00298	.00011	.00016	.00054

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00217	-.00012	-.00007	.00020	.00000	.00903	.00989
SDev	.00101	.00016	.00032	.00050	.00000	.00088	.01003
%RSD	46.254	131.12	424.26	248.02	9.9119	9.7982	101.37
#1	.00146	-.00001	-.00030	.00055	.00000	.00965	.00280
#2	.00288	-.00024	.00015	-.00015	.00000	.00840	.01699

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-1.0577	.00137	.01373	-.00003	-.00010	.01976	.35677
SDev	.1893	.00008	.00162	.00000	.00015	.00032	.07082
%RSD	17.897	5.8077	11.785	.10317	141.18	1.6465	19.850
#1	-1.1915	.00143	.01487	-.00003	-.00000	.01999	.30670
#2	-.92382	.00131	.01258	-.00003	-.00021	.01953	.40685

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00007	.00020	-.00093	-.00136	.00074	.00157	-.00233
SDev	.00035	.00162	.00138	.00416	.00156	.00334	.00011
%RSD	486.14	814.66	148.36	306.73	211.36	212.40	4.5620
#1	.00018	-.00095	-.00191	.00158	-.00036	-.00079	-.00241
#2	-.00032	.00135	.00005	-.00430	.00184	.00394	-.00226

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00002	-.00263	.00060	.00051	-.00133	.00036	-.00024
SDev	.00003	.00186	.00000	.00014	.00011	.00207	.00042
%RSD	141.87	70.876	.23078	27.984	8.5678	571.13	172.93
#1	.00005	-.00131	.00060	.00061	-.00125	-.00110	.00005
#2	-.00000	-.00395	.00060	.00041	-.00141	.00182	-.00054

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00337	-.00240	-.00293

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SDev	.00228	.00417	.00415
%RSD	67.658	173.72	141.56
#1	-.00499	.00055	.00000
#2	-.00176	-.00535	-.00587

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TJA ICP 61E RUN LOG

Instrument ID #61E/#225390

SOP HC-ATM-E047 CLP ICP-AES Date 6/3/94 Analyst GAG

EPA Method Reference CLP SOW 9/91/6010 Run Start Time 17:08 Run End Time

Calibration Std. ID 1 0601A 2 0601B 3 0601C 4 0601D

Calibration Std. ID 5 0601E 6 0524I 7

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

Sample ID	Dilution Factor	Data Flag Required	Comments	Sample ID	Dilution Factor	Data Flag Required	Comments
ICV 0511A							
ICV 0314B							
ICV 0426G							
ICB 0524I							
ISA 0531M							
ISB 0111K							
CRI 0112C							
MB 0602							
LCS 0506A							
LCS 0426C			2x				
941293-1							
1 MD							
1	5x						
1 MD							
CCV							
CCV							
CCB							
1 S.D.	25x						
2							
2 MS							
2	5x						
2 MS							
2 PDS							
2	25x						
2 MS							
3 ~~2 PDS~~ 2 PDS							
3							
CCV							
CCV							
CCB							
5							
7							
ISA							
ISB							
CRI							
CCV							
CCV							
CCB							

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Continued on back of page.

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CORE LABORATORIES

METALS DIGESTIONS

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

EPA Method Reference 3050 C/P Date 6-2-94 Analyst NHB

Digestion Temp. 94° Dig. Start Time _____ Dig. End Time _____

Spike ID 1214A Spike Volume 2.0 Spike ID 1118D Spike Volume 2.0

HNO3 ID 941001 HCl ID 940962 H2O2 ID 940963 Other _____

Sample ID	Aliquot mls	Aliquot grams	Final Volume mls	Filtered Yes	Filtered No	Comments
mB			100		1	
LCS 0[illegible]B	1.00					
941301-1	1.02					
1MD	1.02					
1MS	1.02					
941293.4	1.02					
4MD	1.03					
6	1.00					
6MS	1.01					
8	1.03					
9	1.02					

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Continued on back of page.

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METALS DIGESTIONS

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

EPA Method Reference CIP H_2O Date 6-2-94 Analyst NAB

Digestion Temp. 93° Dig. Start Time _____ Dig. End Time _____

Spike ID 1214A Spike Volume 1.0 Spike ID 1118D Spike Volume 1.0

HNO3 ID 941001 HCl ID 940962 H2O2 ID 940965 Other _____

Sample ID	Aliquot mls	Aliquot grams	Final Volume mls	Filtered Yes	Filtered No	Comments
MB	50		50			.5 ml Hnos
LCS 0506A						[illegible] ml H_2O
LCS C0426						cool ½ VOL
LCS 04262						2.5 HCl
941293-1						cool ½
1mp				~~2~~ NM		Red / Filt
2				✓		
2ms				✓		
3						
5						
7	✓		✓			

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WESTERN ATLAS

Core Laboratories

CORE LABORATORIES
A N A L Y T I C A L R E P O R T

Job Number: 941301
Prepared For:

JONES & NEUSE
MICHAEL WHITEHEAD
12655 N. CENTRAL EXPSWY, SUITE 323
DALLAS, TX 75243

Date: 06/08/94

008650

Signature

6.9.94
Date:

Name: David J. Marshall

Core Laboratories
10703 East Bethany Drive
Aurora, CO 80014

Title: PROJECT COORDINATOR

008650

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WESTERN ATLAS

CORE LABORATORIES

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Jones & Neuse	PROJECT NAME/NUMBER:	
SEND REPORT TO:	Mike Whitehead	BILLING INFORMATION	
ADDRESS:	12655 N. Central Exp	BILL TO:	
	Suite 323	ADDRESS:	
	Dallas TX 75243		
PHONE:	490-8691	PHONE:	SAME
FAX:		FAX:	PO NO.:

LAB JOB NO. ~~[illegible]~~ 941301

SAMPLE NO.	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	NUMBER OF CONTAINERS	TCL	TAL	TDS & Alkalinity	TSS & Alkalinity					REMARKS / PRECAUTION
~~1~~	~~RI-MW-06-68~~	5/19/94	14:15	Water	Misc	yes	6	✓	✓	✓						MW-06
~~2~~	~~RI-MW-11-69~~	"	1500	Water	misc	yes	2	✓								MW-11
~~3~~	~~RI-MW-09-70~~	"	1520	Water	misc.	yes	6	✓	✓	✓						MW-09
~~4~~	~~RI-TB-02-71~~	"	1520	water	VOA	yes No	2	✓								Trip Blank
~~5~~	~~RI-EQ-02-72~~	"	1525	water	VOA	No	2	✓	✓							Equipment blank
~~6~~	~~RI-MW-10-73~~	"	1710	Water	misc	yes	7	✓	✓	✓						MW-10
~~7~~	~~RI-SW-04-74~~	5/20/94	0825	Water	misc	yes			✓		✓					West Lagoon
8	RI-SD-04-75	"	10:10	Soil	misc.	yes No	1		✓	MW						0 to 6"
	~~RI-SD-04-76~~	"		Soil	misc.	No										6 to 12" no Recovery
9 MW	~~RI-MW-01-77~~	"	9:10	Water	Misc	yes	7	✓	✓	✓						MW-01

SAMPLER: Mike Whitehead

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND: ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☒ OTHER See Ed York.

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Mike Whitehead	5/20/94	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Mike Whitehead / JN	TIME 11:00	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	**DATE**	**2. RECEIVED BY:**	**DATE**	**3. RECEIVED BY:**	**DATE**
SIGNATURE: C. Ed York	5-20-94	SIGNATURE: Jon Feigitsch	5.25.94	SIGNATURE:	
PRINTED NAME/COMPANY: Core	TIME 11:21	PRINTED NAME/COMPANY: CORE-CO	TIME 9:30	PRINTED NAME/COMPANY:	TIME

ROUND MAY REQUIRE SURCHARGE

, California
e Autry Way
lifornia 92805
094
673

☐ Long Beach, California
3700 Cherry Avenue
Long Beach, California 90807
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(800) 814-3433

☐ Denver (Aurora), Colorado
10703 E. Bethany Drive
Aurora, Colorado 80014
(303) 751-1780
(800) 972-2673

☐ Casper, Wyoming
420 West 1st Street
Casper, Wyoming 82601
(307) 235-5741
(800) 666-0603

☐ Houston, Texas
8210 Mosely Road
Houston, Texas 77075
(713) 943-9776
(800) 734-2673

☐ Corpus Christi, Texas
1733 North Padre Island Drive
Corpus Christi, Texas 78408
(512) 289-2673
(800) 548-8228

☐ Lake Charles, Louisiana
3645 Beglis Parkway
Sulphur, Louisiana 70
(318) 583-4926
(800) 259-4926

WESTERN ATLAS

Core Laboratories

Sample Delivery Group Narrative

June 8, 1994

Customer: **Jones and Neuse, Inc.**
Project: **DHA**
Core Laboratories Project Number: **941301**

008652

The following information is pertinent to the interpretation of this data package.

The matrix spikes for iron and aluminum were diluted below the CRDL due to high analyte concentrations and were not reported. An acceptable post-digestion spike was performed for these elements and was reported instead. Also, the mercury method spikes were spiked at five times the method recommended level.

Linda L. Benkers
QA/QC Coordinator

Timothy L. Kellogg
Laboratory Supervisor

008652

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WESTERN ATLAS

Core Laboratories

LABORATORY TESTS RESULTS
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: DHA
DATE SAMPLED.....: 05/20/94
TIME SAMPLED.....: 10:10
WORK DESCRIPTION...: RI-SD-04-75

LABORATORY I.D...: 941301-0001
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Aluminum, Total (Al)	12900	200	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Antimony, Total (Sb)	<2	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Arsenic, Total (As)	3	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Barium, Total (Ba)	39	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Beryllium, Total (Be)	<2	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cadmium, Total (Cd)	<2	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Calcium, Total (Ca)	14300	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
nium, Total (Cr)	34	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cobalt, Total (Co)	<10	10	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Copper, Total (Cu)	20	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Iron, Total (Fe)	32600	100	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Lead, Total (Pb)	12	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Mercury, Total (Hg)	<0.10	0.10	mg/Kg	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Total (Mg)	4500	200	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Manganese, Total (Mn)	167	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Nickel, Total (Ni)	20	20	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Potassium, Total (K)	3000	2000	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Selenium, Total (Se)	<2	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Silver, Total (Ag)	<5	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Sodium, Total (Na)	500	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Thallium, Total (Tl)	2	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Vanadium, Total (V)	24	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Zinc, Total (Zn)	58	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Silver, Total (Ag)				DATE/TIME ANALYZED:06/03/94 10:57						QC BATCH NUMBER:297872
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511L	2.52			2.50	101			
STANDARD	ISB	0111K	1.04			1.00	104			
STANDARD	CCV	0511L	2.52			2.50	101			
STANDARD	CRI	0112C	0.03			0.02	150			
STANDARD	CCV	0511L	2.48			2.50	99			
STANDARD	ICV	0223B	2.04			2.00	102			
STANDARD	ISB	0111K	1.01			1.00	101			
STANDARD	CRI	0112C	0.03			0.02	150			
STANDARD	CCV	0511L	2.48			2.50	99			
[illegible]NDARD	LCS	0429B	0.69			0.72	96			
[illegible]	PDS	941301-001	0.10					<0.01	0.10	100
[illegible]E	PDS	941293-006	0.11					<0.01	0.10	110
SPIKE	MS	941293-006	0.13					<0.01	0.10	130
SPIKE	MS	941301-001	0.02					<0.01	0.02	100
DUPLICATE	MD	941293-004	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941301-001	<0.01	<0.01	NC					
DUPLICATE	MD	941301-001	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941293-009	<0.01	<0.01	NC					
PARAMETER:Aluminum, Total (Al)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297873
REPORTING LIMIT/DF: 0.05 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.05							
BLANK	MB	0602	<0.05							
BLANK	CCB	0509U	<0.05							
BLANK	CCB	0509U	<0.05							
BLANK	CCB	0509U	<0.05							
BLANK	CCB	0509U	<0.05							
STANDARD	LCS	0429B	3.76			3.65	103			
STANDARD	CCV	0511I	9.28			10.0	93			
STANDARD	ISA	0531M	424			500	85			
STANDARD	CCV	0511I	9.33			10.0	93			
STANDARD	ISB	0111K	409			500	82			
STANDARD	CCV	0511I	9.14			10.0	91			
STANDARD	CRI	0112C	0.12			0.10	120			
STANDARD	ISA	0531M	422			500	84			
STANDARD	ISB	0111K	402			500	80			
STANDARD	CRI	0112C	0.15			0.10	150			
STANDARD	CCV	0511I	9.04			10.0	90			
STANDARD	ICV	0223B	1.92			2.00	96			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Aluminum, Total (Al)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297873
REPORTING LIMIT/DF: 0.05 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
SPIKE	PDS	941293-006	3.17					1.34	2.00	91
SPIKE	PDS	941301-001	4.47					2.64	2.00	91
DUPLICATE	SD/1X	941293-009	2.62	2.55	3					
DUPLICATE	SD/1X	941301-001	2.64	2.70	2					
DUPLICATE	MD	941293-004	4.34	3.74	15					
DUPLICATE	MD	941301-001	2.64	2.45	7					
PARAMETER:Arsenic, Total (As)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297874
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.60			2.50	104			
STANDARD	ISB	0111K	0.994			1.00	99			
STANDARD	CCV	0511I	2.61			2.50	104			
STANDARD	CRI	0112C	0.012			0.020	60			
STANDARD	CCV	0511I	2.53			2.50	101			
STANDARD	ICV	0405J	2.12			2.00	106			
STANDARD	ISB	0111K	1.02			1.00	102			
STANDARD	CRI	0112C	0.012			0.020	60			
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	LCS	0429B	0.863			0.721	120			
SPIKE	PDS	941301-001	2.09					0.007	2.00	104
SPIKE	PDS	941293-006	2.03					0.070	2.00	98
SPIKE	MS	941293-006	2.12					0.070	2.00	103
SPIKE	MS	941301-001	0.427					0.007	0.400	105
DUPLICATE	MD	941293-004	0.060	0.058	3					
DUPLICATE	SD/1X	941293-009	0.057	0.060	5					
DUPLICATE	MD	941301-001	0.007	0.008	0.001					
DUPLICATE	SD/1X	941301-001	0.007	<0.005	0.007					
PARAMETER:Barium, Total (Ba)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297875
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	5.18			5.00	104			
STANDARD	ISB	0111K	0.45			0.50	90			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

PARAMETER:Barium, Total (Ba) DATE/TIME ANALYZED:06/03/94 11:17 QC BATCH NUMBER:297875
REPORTING LIMIT/DF: 0.01 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
STANDARD	CCV	0511I	5.24			5.00	105			
STANDARD	CRI	0112C	0.21			0.20	105			
STANDARD	CCV	0511I	5.12			5.00	102			
STANDARD	ICV	0223B	2.11			2.00	106			
STANDARD	ISB	0111K	0.47			0.50	94			
STANDARD	CRI	0112C	0.22			0.20	110			
STANDARD	CCV	0511I	5.10			5.00	102			
STANDARD	LCS	0429B	0.72			0.65	111			
SPIKE	PDS	941301-001	2.19					0.08	2.00	106
SPIKE	PDS	941293-006	2.56					0.57	2.00	100
SPIKE	MS	941293-006	2.70					0.57	2.00	107
SPIKE	MS	941301-001	0.53					0.08	0.40	112
DUPLICATE	MD	941293-004	0.33	0.32	3					
DUPLICATE	SD/1X	941293-009	0.52	0.55	6					
DUPLICATE	MD	941301-001	0.08	0.08	0					
DUPLICATE	SD/1X	941301-001	0.08	0.10	22					

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PARAMETER:Beryllium, Total (Be) DATE/TIME ANALYZED:06/03/94 11:17 QC BATCH NUMBER:297876
REPORTING LIMIT/DF: 0.005 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL

BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.41			2.50	96			
STANDARD	ISB	0111K	0.495			0.500	99			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	CRI	0112C	0.009			0.010	90			
STANDARD	CCV	0511I	2.39			2.50	96			
STANDARD	ICV	0405J	1.95			2.00	98			
STANDARD	ISB	0111K	0.507			0.500	101			
STANDARD	CRI	0112C	0.010			0.010	100			
STANDARD	CCV	0511I	2.36			2.50	94			
STANDARD	LCS	0429B	0.292			0.267	109			
SPIKE	PDS	941301-001	0.055					<0.005	0.050	110
SPIKE	PDS	941293-006	0.061					0.013	0.050	96
SPIKE	MS	941293-006	0.073					0.013	0.050	120
SPIKE	MS	941301-001	0.018					<0.005	0.010	180
DUPLICATE	MD	941293-004	0.008	0.007	0.001					
DUPLICATE	SD/1X	941293-009	0.010	<0.005	0.010					
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Cadmium, Total (Cd)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297878
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
DUPLICATE	MD	941293-004	0.006	0.006	0.000					
DUPLICATE	SD/1X	941293-009	<0.005	<0.005	NC					
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					
PARAMETER:Cobalt, Total (Co)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297879
REPORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.03							
BLANK	MB	0602	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CCV	0511I	2.53			2.50	101			
STANDARD	CRI	0112C	0.10			0.10	100			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	ICV	0405J	2.01			2.00	100			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CRI	0112C	0.10			0.10	100			
STANDARD	CCV	0511I	2.42			2.50	97			
STANDARD	LCS	0429B	1.97			1.77	111			
SPIKE	PDS	941301-001	0.51					<0.03	0.50	102
SPIKE	PDS	941293-006	0.52					0.06	0.50	92
SPIKE	MS	941293-006	0.54					0.06	0.50	96
SPIKE	MS	941301-001	0.12					<0.03	0.10	120
DUPLICATE	MD	941293-004	<0.03	<0.03	NC					
DUPLICATE	SD/1X	941293-009	0.03	<0.03	0.03					
DUPLICATE	MD	941301-001	<0.03	<0.03	NC					
DUPLICATE	SD/1X	941301-001	<0.03	<0.03	NC					
PARAMETER:Chromium, Total (Cr)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297880
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	2.56			2.50	102			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CCV	0511I	2.59			2.50	104			
STANDARD	CRI	0112C	0.02			0.02	100			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Chromium, Total (Cr)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297880
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	CCV	0511I	2.51			2.50	100			
STANDARD	ICV	0405J	2.09			2.00	104			
STANDARD	ISB	0111K	0.47			0.50	94			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	2.49			2.50	100			
STANDARD	LCS	0429B	0.49			0.44	111			
SPIKE	PDS	941301-001	0.27					0.07	0.20	100
SPIKE	PDS	941293-006	0.31					0.13	0.20	90
SPIKE	MS	941293-006	0.40					0.13	0.20	135
SPIKE	MS	941301-001	0.15					0.07	0.04	200
DUPLICATE	MD	941293-004	0.09	0.08	12					
DUPLICATE	SD/1X	941293-009	0.11	0.10	10					
DUPLICATE	MD	941301-001	0.07	0.07	0					
DUPLICATE	SD/1X	941301-001	0.07	0.05	33					
PARAMETER:Copper, Total (Cu)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297881
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	2.63			2.50	105			
STANDARD	ISB	0111K	0.48			0.50	96			
STANDARD	CCV	0511I	2.65			2.50	106			
STANDARD	CRI	0112C	0.04			0.04	100			
STANDARD	CCV	0511I	2.62			2.50	105			
STANDARD	ICV	0405J	2.07			2.00	103			
STANDARD	ISB	0111K	0.49			0.50	98			
STANDARD	CRI	0112C	0.04			0.04	100			
STANDARD	CCV	0511I	2.60			2.50	104			
STANDARD	LCS	0429B	0.88			0.78	113			
SPIKE	PDS	941301-001	0.30					0.04	0.25	104
SPIKE	PDS	941293-006	0.33					0.08	0.25	100
SPIKE	MS	941293-006	0.34					0.08	0.25	104
SPIKE	MS	941301-001	0.10					0.04	0.05	120
DUPLICATE	MD	941293-004	0.11	0.11	0					
DUPLICATE	SD/1X	941293-009	0.10	0.10	0					
DUPLICATE	MD	941301-001	0.04	0.04	0.00					
DUPLICATE	SD/1X	941301-001	0.04	0.05	0.01					
PARAMETER:Iron, Total (Fe)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297882
REPORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.03							

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

PARAMETER:Iron, Total (Fe) DATE/TIME ANALYZED:06/03/94 11:20 QC BATCH NUMBER:297882
REPORTING LIMIT/DF: 0.03 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
BLANK	MB	0602	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
STANDARD	LCS	0429B	9.32			7.36	127			
STANDARD	CCV	0511I	4.97			5.00	99			
STANDARD	ISA	0531M	177			200	88			
STANDARD	CCV	0511I	4.96			5.00	99			
STANDARD	ISB	0111K	171			200	86			
STANDARD	CCV	0511I	4.82			5.00	96			
STANDARD	CRI	0112C	0.08			0.06	133			
STANDARD	ISA	0531M	175			200	88			
STANDARD	ISB	0111K	167			200	84			
STANDARD	CRI	0112C	0.10			0.06	167			
STANDARD	CCV	0511I	4.80			5.00	96			
ARD	ICV	0405J	1.86			2.00	93			
.c	PDS	941293-006	4.61					3.65	1.00	96
SPIKE	PDS	941301-001	7.48					6.66	1.00	82
DUPLICATE	SD/1X	941293-009	6.67	6.85	3					
DUPLICATE	SD/1X	941301-001	6.66	6.60	1					
DUPLICATE	MD	941293-004	6.97	6.84	2					
DUPLICATE	MD	941301-001	6.66	6.20	7					

PARAMETER:Potassium, Total (K) DATE/TIME ANALYZED:06/03/94 11:35 QC BATCH NUMBER:297883
REPORTING LIMIT/DF: 5 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL

BLANK	ICB	0509U	<5							
BLANK	MB	0602	<5							
BLANK	CCB	0509U	<5							
BLANK	CCB	0509U	<5							
BLANK	CCB	0509U	<5							
BLANK	CCB	0509U	<5							
STANDARD	CRI	0112C	10			10	100			
STANDARD	ICV	0223B	20			20	100			
STANDARD	CCV	0511I	10			10	100			
STANDARD	CCV	0511I	9			10	90			
STANDARD	CRI	0112C	11			10	110			
STANDARD	CCV	0511I	9			10	90			
STANDARD	CCV	0511I	9			10	90			
STANDARD	ISB	0111K	10			10	100			
STANDARD	ISB	0111K	11			10	110			
STANDARD	LCS	0429B	38			33	115			
DUPLICATE	SD/1X	941301-001	<5	<5	NC					
DUPLICATE	MD	941301-001	6	6	0					
DUPLICATE	MD	941293-004	10	8	2					

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Potassium, Total (K) DATE/TIME ANALYZED:06/03/94 11:35 QC BATCH NUMBER:297883										
REPORTING LIMIT/DF: 5 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL										
DUPLICATE	SD/1X	941293-009	<5	<5	NC					
PARAMETER:Magnesium, Total (Mg) DATE/TIME ANALYZED:06/03/94 11:35 QC BATCH NUMBER:297884										
REPORTING LIMIT/DF: 0.5 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL										
BLANK	ICB	0509U	<0.5							
BLANK	MB	0602	<0.5							
BLANK	CCB	0509U	<0.5							
BLANK	CCB	0509U	<0.5							
BLANK	CCB	0509U	<0.5							
BLANK	CCB	0509U	<0.5							
STANDARD	CCV	0511L	100			100	100			
STANDARD	ISA	0531M	482			500	96			
STANDARD	ISB	0111K	464			500	93			
STANDARD	CCV	0511L	101			100	101			
STANDARD	CRI	0112C	10.1			10.0	101			
STANDARD	CCV	0511L	98.0			100	98			
STANDARD	ICV	0426H	101			100	101			
STANDARD	LCS	0429B	29.3			25.5	115			
STANDARD	ISA	0531M	481			500	96			
STANDARD	ISB	0111K	457			500	91			
STANDARD	CRI	0112C	10.8			10.0	108			
STANDARD	CCV	0511L	97.7			100	98			
DUPLICATE	MD	941293-004	8.9	8.0	11					
DUPLICATE	MD	941301-001	9.2	9.0	2					
DUPLICATE	SD/1X	941301-001	9.2	8.5	8					
DUPLICATE	SD/1X	941293-009	11.1	11.5	4					
PARAMETER:Manganese, Total (Mn) DATE/TIME ANALYZED:06/03/94 11:17 QC BATCH NUMBER:297885										
REPORTING LIMIT/DF: 0.01 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL										
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	5.12			5.00	102			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CCV	0511I	5.17			5.00	103			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	5.03			5.00	101			
STANDARD	ICV	0405J	2.06			2.00	103			
STANDARD	ISB	0111K	0.47			0.50	94			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	4.99			5.00	100			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Manganese, Total (Mn)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297885
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	LCS	0429B	1.64			1.41	116			0
SPIKE	PDS	941301-001	0.84					0.34	0.50	100
SPIKE	PDS	941293-006	5.40					4.98	0.50	84
SPIKE	MS	941293-006	5.08					4.98	0.50	20
SPIKE	MS	941301-001	0.49					0.34	0.10	150
DUPLICATE	MD	941293-004	1.49	1.48	1					
DUPLICATE	SD/1X	941293-009	1.89	2.00	6					0
DUPLICATE	MD	941301-001	0.34	0.34	0					
DUPLICATE	SD/1X	941301-001	0.34	0.35	3					
PARAMETER:Sodium, Total (Na)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297886
REPORTING LIMIT/DF: 1 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<1							
BLANK	MB	0602	<1							
BLANK	CCB	0509U	<1							
BLANK	CCB	0509U	<1							
BLANK	CCB	0509U	<1							
BLANK	CCB	0509U	<1							
STANDARD	CCV	0511I	1			1	100			
STANDARD	CCV	0511I	1			1	100			
STANDARD	ICV	0223B	2			2	100			
STANDARD	CCV	0511I	1			1	100			
STANDARD	CCV	0511I	1			1	100			
STANDARD	LCS	0429B	5			3	167			
DUPLICATE	MD	941293-004	<1	<1	NC					
DUPLICATE	SD/1X	941301-001	1	<1	1					
DUPLICATE	MD	941301-001	<1	<1	NC					
PARAMETER:Nickel, Total (Ni)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297888
REPORTING LIMIT/DF: 0.04 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.04							
BLANK	MB	0602	<0.04							
BLANK	CCB	0509U	<0.04							
BLANK	CCB	0509U	<0.04							
BLANK	CCB	0509U	<0.04							
BLANK	CCB	0509U	<0.04							
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	ISB	0111K	0.88			1.00	88			
STANDARD	CCV	0511I	2.49			2.50	100			
STANDARD	CRI	0112C	0.08			0.08	100			
STANDARD	CCV	0511I	2.41			2.50	96			
STANDARD	ICV	0405J	1.95			2.00	98			
STANDARD	ISB	0111K	0.90			1.00	90			
STANDARD	CRI	0112C	0.08			0.08	100			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Nickel, Total (Ni)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297888
REPORTING LIMIT/DF: 0.04 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	CCV	0511I	2.39			2.50	96			
STANDARD	LCS	0429B	1.21			1.10	110			
SPIKE	PDS	941301-001	0.53					0.05	0.50	96
SPIKE	PDS	941293-006	0.59					0.15	0.50	88
SPIKE	MS	941293-006	0.65					0.15	0.50	100
SPIKE	MS	941301-001	0.16					0.05	0.10	110
DUPLICATE	MD	941293-004	0.07	0.07	0.00					
DUPLICATE	SD/1X	941293-009	0.11	<0.04	0.11					
DUPLICATE	MD	941301-001	0.05	0.05	0.00					
DUPLICATE	SD/1X	941301-001	0.05	<0.04	0.05					
PARAMETER:Lead, Total (Pb)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297889
REPORTING LIMIT/DF: 0.002 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.002							
BLANK	MB	0602	<0.002							
BLANK	CCB	0509U	<0.002							
BLANK	CCB	0509U	<0.002							
BLANK	CCB	0509U	<0.002							
BLANK	CCB	0509U	<0.002							
STANDARD	CCV	0511I	0.979			1.00	98			
STANDARD	ISB	0111K	0.941			1.00	94			
STANDARD	CCV	0511I	0.986			1.00	99			
STANDARD	CRI	0112C	0.008			0.006	133			
STANDARD	CCV	0511I	0.945			1.00	94			
STANDARD	ICV	0405J	1.91			2.00	96			
STANDARD	ISB	0111K	0.949			1.00	95			
STANDARD	CRI	0112C	0.007			0.006	117			
STANDARD	CCV	0511I	0.940			1.00	94			
STANDARD	LCS	0429B	0.584			0.509	115			
SPIKE	PDS	941301-001	0.508					0.024	0.500	97
SPIKE	PDS	941293-006	0.532					0.094	0.500	88
SPIKE	MS	941293-006	0.558					0.094	0.500	93
SPIKE	MS	941301-001	0.124					0.024	0.100	100
DUPLICATE	MD	941293-004	1.66	1.64	1					
DUPLICATE	SD/1X	941293-009	0.739	0.775	5					
DUPLICATE	MD	941301-001	0.024	0.023	4					
DUPLICATE	SD/1X	941301-001	0.024	0.030	22					
PARAMETER:Antimony, Total (Sb)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297890
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

PARAMETER:Antimony, Total (Sb) DATE/TIME ANALYZED:06/03/94 11:17 QC BATCH NUMBER:297890
REPORTING LIMIT/DF: 0.005 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	ISB	0111K	1.00			1.00	100			
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	CRI	0112C	0.012			0.006	200			
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	ICV	0405J	1.94			2.00	97			
STANDARD	ISB	0111K	1.05			1.00	105			
STANDARD	CRI	0112C	0.005			0.006	83			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	LCS	0429B	0.914			0.750	122			
SPIKE	PDS	941301-001	1.02					<0.005	1.00	102
SPIKE	PDS	941293-006	0.943					<0.005	1.00	94
SPIKE	MS	941293-006	0.514					<0.005	1.00	51
[illegible]E	MS	941301-001	0.049					<0.005	0.20	24
[illegible]CATE	MD	941293-004	0.018	0.021	0.003					
[illegible]ICATE	SD/1X	941293-009	0.016	<0.005	0.016					
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					

PARAMETER:Selenium, Total (Se) DATE/TIME ANALYZED:06/03/94 11:17 QC BATCH NUMBER:297891
REPORTING LIMIT/DF: 0.005 UNITS:mg/L METHOD REFERENCE :ICP CLP SOW 9/91 TECHNICIAN:WGL

BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.55			2.50	102			
STANDARD	ISB	0111K	1.06			1.00	106			
STANDARD	CCV	0511I	2.56			2.50	102			
STANDARD	CRI	0112C	0.015			0.010	150			
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	ICV	0405J	1.99			2.00	100			
STANDARD	ISB	0111K	1.06			1.00	106			
STANDARD	CRI	0112C	0.007			0.010	70			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	LCS	0429B	0.877			0.742	118			
SPIKE	PDS	941301-001	2.10					<0.005	2.00	105
SPIKE	PDS	941293-006	1.98					<0.005	2.00	99
SPIKE	MS	941293-006	2.08					<0.005	2.00	104
SPIKE	MS	941301-001	0.422					<0.005	0.400	106
DUPLICATE	MD	941293-004	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941293-009	<0.005	<0.005	NC					

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Selenium, Total (Se)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297891
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					
PARAMETER:Thallium, Total (Tl)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297892
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	0.962			1.00	96			
STANDARD	ISB	0111K	1.01			1.00	101			
STANDARD	CCV	0511I	0.973			1.00	97			
STANDARD	CRI	0112C	0.009			0.010	90			
STANDARD	CCV	0511I	0.936			1.00	94			
STANDARD	ICV	0405J	1.90			2.00	95			
STANDARD	ISB	0111K	1.02			1.00	102			
STANDARD	CRI	0112C	0.013			0.010	130			
STANDARD	CCV	0511I	0.927			1.00	93			
STANDARD	LCS	0429B	0.706			0.641	110			
SPIKE	PDS	941301-001	1.96					0.005	2.00	98
SPIKE	PDS	941293-006	1.84					0.012	2.00	91
SPIKE	MS	941293-006	1.93					0.012	2.00	96
SPIKE	MS	941301-001	0.412					0.005	0.400	102
DUPLICATE	MD	941293-004	0.005	0.007	0.002					
DUPLICATE	SD/1X	941293-009	0.012	<0.005	0.012					
DUPLICATE	MD	941301-001	0.005	0.005	0.000					
DUPLICATE	SD/1X	941301-001	0.005	<0.005	0.005					
PARAMETER:Vanadium, Total (V)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297893
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	2.44			2.50	98			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	2.41			2.50	96			
STANDARD	ICV	0405J	1.97			2.00	98			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Vanadium, Total (V)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297893
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	2.39			2.50	96			
STANDARD	LCS	0429B	0.87			0.83	105			
SPIKE	PDS	941301-001	0.53					0.05	0.50	96
SPIKE	PDS	941293-006	0.67					0.22	0.50	90
SPIKE	MS	941293-006	0.79					0.22	0.50	110
SPIKE	MS	941301-001	0.19					0.05	0.10	140
DUPLICATE	MD	941293-004	0.12	0.11	9					
DUPLICATE	SD/1X	941293-009	0.18	0.20	11					
DUPLICATE	MD	941301-001	0.05	0.05	0.00					
DUPLICATE	SD/1X	941301-001	0.05	0.05	0.00					
PARAMETER:Zinc, Total (Zn)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297894
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
[illegible]	ICB	0509U	<0.005							
[illegible]	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.60			2.50	104			
STANDARD	ISB	0111K	0.989			1.00	99			
STANDARD	CCV	0511I	2.61			2.50	104			
STANDARD	CRI	0112C	0.105			0.100	105			
STANDARD	CCV	0511I	2.55			2.50	102			
STANDARD	ICV	0405J	2.09			2.00	104			
STANDARD	ISB	0111K	1.02			1.00	102			
STANDARD	CRI	0112C	0.112			0.100	112			
STANDARD	CCV	0511I	2.54			2.50	102			
STANDARD	LCS	0429B	0.946			0.782	121			
SPIKE	PDS	941301-001	0.641					0.119	0.500	104
SPIKE	PDS	941293-006	0.851					0.366	0.500	97
SPIKE	MS	941293-006	0.912					0.366	0.500	109
SPIKE	MS	941301-001	0.239					0.119	0.100	120
DUPLICATE	MD	941293-004	0.684	0.662	3					
DUPLICATE	SD/1X	941293-009	0.436	0.460	5					
DUPLICATE	MD	941301-001	0.119	0.117	2					
DUPLICATE	SD/1X	941301-001	0.119	0.130	9					
PARAMETER:Mercury, Total (Hg)				DATE/TIME ANALYZED:06/07/94 10:30						QC BATCH NUMBER:298051
REPORTING LIMIT/DF: 0.0002UNITS:mg/L				METHOD REFERENCE :CVAA CLP SOW 9/91						TECHNICIAN:LMT
BLANK	ICB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Mercury, Total (Hg)				DATE/TIME ANALYZED:06/07/94 10:30						QC BATCH NUMBER:298051
REPORTING LIMIT/DF: 0.0002UNITS:mg/L				METHOD REFERENCE :CVAA CLP SOW 9/91						TECHNICIAN:LMT
STANDARD	ICV	0311G	0.0042			0.0040	105			
STANDARD	CCV	1228Q	0.0025			0.0025	100			
STANDARD	LCS	0429B	0.0035			0.0032	109			
STANDARD	CRA	1228P	0.0002			0.0002	100			
SPIKE	MS	941293-006	0.0051					<0.0002	0.0050	102
DUPLICATE	MD	941293-004	<0.0002	<0.0002	NC					

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RESOURCE ASSOCIATES
Arvada, Colorado 80002 1-800-ERA-0122

04298

Certification

PriorityPollutnT™/CLP Quality Control Standards

Inorganics in Soil

Parameter	Lot No. 219 Certified Value	Advisory Range
Trace Metals PriorityPollutnT™	mg/Kg	mg/Kg
Aluminum	3650	1930 - 5580
Antimony	75.0	32 - 350
Arsenic	72.1	35 - 110
Barium	64.8	45 - 88
Beryllium	26.7	17 - 37
Cadmium	61.6	36 - 86
Calcium	2330	1580 - 3170
Chromium	44.1	26 - 61
Cobalt	177	112 - 246
Copper	78.1	48 - 110
Iron	7360	4930 - 11000
Lead	50.9	27 - 71
Magnesium	2550	1610 - 3600
Manganese	141	97 - 190
Mercury	32.0	17 - 48
Molybdenum	104	64 - 147
Nickel	110	65 - 157
Potassium	3310	2090 - 4400
Selenium	74.2	36 - 108
Silver	71.7	29 - 105
Sodium	346	180 - 506
Thallium	64.1	31 - 98
Vanadium	83.0	56 - 113
Zinc	78.2	45 - 119
Cyanide PriorityPollutnT™	mg/Kg	mg/Kg
Total cyanide	117	49 - 191

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(1) The Trace Metals Certified Values are equal to the mean recoveries for each parameter as determined in an interlaboratory round robin study. The standard was digested using Method 3050, SW-846 and the digest analyzed by ICP and atomic absorption spectroscopy.
(2) The Cyanide Certified Value is equal to the mean recovery as determined in an interlaboratory round robin study. The standard was digested and analyzed following the procedure outlined in Method 9010, SW-846.
(3) Advisory ranges are listed as guidelines for acceptable recoveries given the limitations of the EPA methodologies commonly used to determine these parameters. The range closely approximates the 95% confidence interval for parameters based upon the experimental data from this lot, previous ERA lots, and published USEPA data.

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QUALITY CONTROL FOOTER

METHOD REFERENCES

(1) EPA 600/4-79-020, Methods For Chemical Analysis Of Water And Wastes, March 1983
(2) EPA SW-846, Test Methods For Evaluating Solid Waste, Third Edition, November 1986
(3) Standard Methods For The Examination Of Water And Wastewater, 17th Edition, 1989
(4) EPA 600/4-80-032, Prescribed Procedures For Measurement Of Radioactivity In Drinking Water, August 1980
(5) EPA 600/8-78-017, Microbiological Methods For Monitoring The Environment, December 1978
(6) Federal Register, July 1, 1990 (40 CFR Part 136)
(7) EPA 600/4-88-039, Methods For The Determination Of Organics Compounds In Drinking Water, December 1988
(8) U.S.G.S. Methods For The Determination Of Inorganic Substances In Water And Fluvial Sediments, Book 5, Chapter A1, 1985
(9) Federal Register, Friday, June 7, 1991, (40 CFR Parts 141 and 142)
(10) Standard Methods For The Examination Of Water And Wastewater, 16th Edition, 1985
(11) ASTM, Section 11 Water And Environmental Technology, Volume 11.01 Water (1), 1991
(12) Methods Of Soil Analysis, American Society Of Agronomy, Agronomy No. 9, 1965
(13) EPA SW-846, Test Methods For Evaluating Solid Waste, Third Edition, Revision 1, November 1990
(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 Rock; Building Stones, 1981

008668

Comments: Data in QA report may differ from final results due to digestion and/or dilution of sample into analytical ranges. 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. Results for soil and sludge samples are reported on a wet weight basis (i.e. not corrected for percent moisture) unless otherwise indicated. NC = Not Calculable Due To Value(s) Lower Than The Detection Limit.

Blank QC Sample Identification		Spike QC Sample Identification	
MB	Method Blank	MS	Method (Matrix) Spike
ICB	Initial Calibration Blank	MSD	Method (Matrix) Spike Duplicate
CCB	Continuing Calibration Blank	PDS	Post Digestion Spike
Reference Standard QC Sample Identification		SB	Spiked Blank
LCS	Laboratory Control Standard	SBD	Spiked Blank Duplicate
RS	Reference Standard	**Duplicate QC Sample Identification**	
ICV	Initial Calibration Verification Standard	MD	Method (Matrix) Duplicate
CCV	Continuing Calibration Verification Standard	ED	Extraction Duplicate
ISA/ISB	ICP Interference Check Samples	DD	Digestion Duplicate

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	Subcontract Laboratory	Code
Core Laboratories - Anaheim, CA	* AN	Core Laboratories - Lake Charles, LA	* LC
Core Laboratories - Casper, WY	* CA	Core Laboratories - Long Beach, CA	* LB
Core Laboratories - Corpus Christi, TX	* CC	Other Subcontract Laboratories	* XX
Core Laboratories - Houston, TX	* HP		

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WESTERN ATLAS

Core Laboratories

CORE LABORATORIES
A N A L Y T I C A L R E P O R T

Job Number: 941301
Prepared For:

JONES & NEUSE
MICHAEL WHITEHEAD
12655 N. CENTRAL EXPSWY, SUITE 323
DALLAS, TX 75243

Date: 06/08/94

008669

Signature

Date: 6.9.94

Name: David J. Marshall

Core Laboratories
10703 East Bethany Drive
Aurora, CO 80014

Title: PROJECT COORDINATOR

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N 00671

WESTERN ATLAS **CORE LABORATORIES**

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Jones & Neuse	PROJECT NAME/NUMBER:	
SEND REPORT TO:	Mike Whitehead	BILLING INFORMATION	
ADDRESS:	12655 W. Central Exp	BILL TO:	
	Suite 323	ADDRESS:	
	Dallas TX 75243		
PHONE:	490-8691	PHONE:	Same
FAX:		FAX:	PO NO.:

LAB JOB NO. ~~[illegible]~~ 941301

SAMPLE NO.	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	NUMBER OF CONTAINERS	TCL	TAL	TDS & Alkalinity	TSS & Alkalinity					REMARKS / PRECAUTIONS
~~1~~	~~RI-MW-06-68~~	5/19/94	14:15	Water	Misc	yes	7	✓	✓	✓						MW-06
~~2~~	~~RI-MW-11-69~~	"	1500	Water	Misc	yes	2	✓								MW-11
~~3~~	~~RI-MW-09-70~~	"	1520	Water	Misc	yes	6	✓	✓	✓						MW-09
~~4~~	~~RI-TB-02-71~~	"	1520	Water	VOA	yes	2	✓								Trip Blank
~~5~~	~~RI-EQ-02-72~~	"	1525	Water	VOA	no	2	✓	✓							Equipment blank
~~6~~	~~RI-MW-10-73~~	"	1710	Water	Misc	yes	7	✓	✓	✓						MW-10
~~7~~	~~RI-SW-04-74~~	5/20/94	0825	Water	Misc	yes			✓		✓					West Lagoon
8	RI-SD-04-75	"	10:10	Soil	Misc	yes No	1		✓							0 to 6"
	~~RI-SD-04-76~~	"		Soil	Misc	No				MW						6 to 12" no Recovery
9 MW	~~RI-MW-01-77~~	"	9:10	Water	Misc	yes	7	✓	✓	✓						MW-01

SAMPLER: Mike Whitehead

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND:* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☒ OTHER See Ed York.

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Mike Whitehead	5/20/94	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Mike Whitehead / JN	TIME 11:00	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	**2. RECEIVED BY:**	DATE	**3. RECEIVED BY:**	DATE
SIGNATURE: C. Ed York	5-20-94	SIGNATURE: Jon Feigitsch	5.25.94	SIGNATURE:	
PRINTED NAME/COMPANY: Core	TIME 11:21	PRINTED NAME/COMPANY: CORE-Co	TIME 9:30	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

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... Beach, California ... Cherry Avenue ... Beach, California 90807 ... 595-8401 ... 814-3433

☐ Denver (Aurora), Colorado 18703 E. Bethany Drive Aurora, Colorado 80014 (303) 751-1780 (800) 972-2673

☐ Casper, Wyoming 420 West 1st Street Casper, Wyoming 82801 (307) 235-5741 (800) 666-0603

☐ Houston, Texas 8210 Mosely Road Houston, Texas 77075 (713) 943-9776 (800) 734-2673

☐ Corpus Christi, Texas 1733 North Padre Island Drive Corpus Christi, Texas 78408 (512) 289-2673 (800) 548-8228

☐ Lake Charles, Louisiana 3645 Beglis Parkway Sulphur, Louisiana 70663 (318) 583-4926 (800) 259-4926

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WESTERN ATLAS

Core Laboratories

Sample Delivery Group Narrative

June 8, 1994

Customer: **Jones and Neuse, Inc.**
Project: **DHA**
Core Laboratories Project Number: **941301**

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The following information is pertinent to the interpretation of this data package.

The matrix spikes for iron and aluminum were diluted below the CRDL due to high analyte concentrations and were not reported. An acceptable post-digestion spike was performed for these elements and was reported instead. Also, the mercury method spikes were spiked at five times the method recommended level.

Linda L. Benkers
QA/QC Coordinator

Timothy L. Kellogg
Laboratory Supervisor

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WESTERN ATLAS

Core Laboratories

LABORATORY TESTS RESULTS

06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

CLIENT I.D.....: DHA
DATE SAMPLED.....: 05/20/94
TIME SAMPLED.....: 10:10
WORK DESCRIPTION...: RI-SD-04-75

LABORATORY I.D...: 941301-0001
DATE RECEIVED....: 05/25/94
TIME RECEIVED....: 09:30
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Aluminum, Total (Al)	12900	200	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Antimony, Total (Sb)	<2	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Arsenic, Total (As)	3	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Barium, Total (Ba)	39	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Beryllium, Total (Be)	<2	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cadmium, Total (Cd)	<2	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Calcium, Total (Ca)	14300	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Chromium, Total (Cr)	34	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Cobalt, Total (Co)	<10	10	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Copper, Total (Cu)	20	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Iron, Total (Fe)	32600	100	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Lead, Total (Pb)	12	1	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Mercury, Total (Hg)	<0.10	0.10	mg/Kg	CVAA CLP SOW 9/91	06/07/94	LMT
Magnesium, Total (Mg)	4500	200	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Manganese, Total (Mn)	167	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Nickel, Total (Ni)	20	20	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Potassium, Total (K)	3000	2000	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Selenium, Total (Se)	<2	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Silver, Total (Ag)	<5	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Sodium, Total (Na)	500	500	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Thallium, Total (Tl)	2	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Vanadium, Total (V)	24	5	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL
Zinc, Total (Zn)	58	2	mg/Kg	ICP CLP SOW 9/91	06/03/94	WGL

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Silver, Total (Ag)				DATE/TIME ANALYZED:06/03/94 10:57					QC BATCH NUMBER:297872	
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91					TECHNICIAN:WGL	
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511L	2.52			2.50	101			
STANDARD	ISB	0111K	1.04			1.00	104			
STANDARD	CCV	0511L	2.52			2.50	101			
STANDARD	CRI	0112C	0.03			0.02	150			
STANDARD	CCV	0511L	2.48			2.50	99			
STANDARD	ICV	0223B	2.04			2.00	102			
STANDARD	ISB	0111K	1.01			1.00	101			
STANDARD	CRI	0112C	0.03			0.02	150			
STANDARD	CCV	0511L	2.48			2.50	99			
STANDARD	LCS	0429B	0.69			0.72	96			
SPIKE	PDS	941301-001	0.10					<0.01	0.10	100
SPIKE	PDS	941293-006	0.11					<0.01	0.10	110
SPIKE	MS	941293-006	0.13					<0.01	0.10	130
SPIKE	MS	941301-001	0.02					<0.01	0.02	100
DUPLICATE	MD	941293-004	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941301-001	<0.01	<0.01	NC					
DUPLICATE	MD	941301-001	<0.01	<0.01	NC					
DUPLICATE	SD/1X	941293-009	<0.01	<0.01	NC					
PARAMETER:Aluminum, Total (Al)				DATE/TIME ANALYZED:06/03/94 11:20					QC BATCH NUMBER:297873	
REPORTING LIMIT/DF: 0.05 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91					TECHNICIAN:WGL	
BLANK	ICB	0509U	<0.05							
BLANK	MB	0602	<0.05							
BLANK	CCB	0509U	<0.05							
BLANK	CCB	0509U	<0.05							
BLANK	CCB	0509U	<0.05							
BLANK	CCB	0509U	<0.05							
STANDARD	LCS	0429B	3.76			3.65	103			
STANDARD	CCV	0511I	9.28			10.0	93			
STANDARD	ISA	0531M	424			500	85			
STANDARD	CCV	0511I	9.33			10.0	93			
STANDARD	ISB	0111K	409			500	82			
STANDARD	CCV	0511I	9.14			10.0	91			
STANDARD	CRI	0112C	0.12			0.10	120			
STANDARD	ISA	0531M	422			500	84			
STANDARD	ISB	0111K	402			500	80			
STANDARD	CRI	0112C	0.15			0.10	150			
STANDARD	CCV	0511I	9.04			10.0	90			
STANDARD	ICV	0223B	1.92			2.00	96			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Aluminum, Total (Al)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297873
REPORTING LIMIT/DF: 0.05 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
SPIKE	PDS	941293-006	3.17					1.34	2.00	91
SPIKE	PDS	941301-001	4.47					2.64	2.00	91
DUPLICATE	SD/1X	941293-009	2.62	2.55	3					8
DUPLICATE	SD/1X	941301-001	2.64	2.70	2					0
DUPLICATE	MD	941293-004	4.34	3.74	15					
DUPLICATE	MD	941301-001	2.64	2.45	7					0
PARAMETER:Arsenic, Total (As)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297874
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.60			2.50	104			
STANDARD	ISB	0111K	0.994			1.00	99			
STANDARD	CCV	0511I	2.61			2.50	104			
STANDARD	CRI	0112C	0.012			0.020	60			
STANDARD	CCV	0511I	2.53			2.50	101			
STANDARD	ICV	0405J	2.12			2.00	106			
STANDARD	ISB	0111K	1.02			1.00	102			
STANDARD	CRI	0112C	0.012			0.020	60			
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	LCS	0429B	0.863			0.721	120			
SPIKE	PDS	941301-001	2.09					0.007	2.00	104
SPIKE	PDS	941293-006	2.03					0.070	2.00	98
SPIKE	MS	941293-006	2.12					0.070	2.00	103
SPIKE	MS	941301-001	0.427					0.007	0.400	105
DUPLICATE	MD	941293-004	0.060	0.058	3					
DUPLICATE	SD/1X	941293-009	0.057	0.060	5					
DUPLICATE	MD	941301-001	0.007	0.008	0.001					
DUPLICATE	SD/1X	941301-001	0.007	<0.005	0.007					
PARAMETER:Barium, Total (Ba)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297875
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	5.18			5.00	104			
STANDARD	ISB	0111K	0.45			0.50	90			

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WESTERN ATLAS

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QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Barium, Total (Ba)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297875
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	CCV	0511I	5.24			5.00	105			
STANDARD	CRI	0112C	0.21			0.20	105			
STANDARD	CCV	0511I	5.12			5.00	102			
STANDARD	ICV	0223B	2.11			2.00	106			
STANDARD	ISB	0111K	0.47			0.50	94			
STANDARD	CRI	0112C	0.22			0.20	110			
STANDARD	CCV	0511I	5.10			5.00	102			
STANDARD	LCS	0429B	0.72			0.65	111			
SPIKE	PDS	941301-001	2.19					0.08	2.00	106
SPIKE	PDS	941293-006	2.56					0.57	2.00	100
SPIKE	MS	941293-006	2.70					0.57	2.00	107
SPIKE	MS	941301-001	0.53					0.08	0.40	112
DUPLICATE	MD	941293-004	0.33	0.32	3					
DUPLICATE	SD/1X	941293-009	0.52	0.55	6					
LICATE	MD	941301-001	0.08	0.08	0					
ICATE	SD/1X	941301-001	0.08	0.10	22					
PARAMETER:Beryllium, Total (Be)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297876
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.41			2.50	96			
STANDARD	ISB	0111K	0.495			0.500	99			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	CRI	0112C	0.009			0.010	90			
STANDARD	CCV	0511I	2.39			2.50	96			
STANDARD	ICV	0405J	1.95			2.00	98			
STANDARD	ISB	0111K	0.507			0.500	101			
STANDARD	CRI	0112C	0.010			0.010	100			
STANDARD	CCV	0511I	2.36			2.50	94			
STANDARD	LCS	0429B	0.292			0.267	109			
SPIKE	PDS	941301-001	0.055					<0.005	0.050	110
SPIKE	PDS	941293-006	0.061					0.013	0.050	96
SPIKE	MS	941293-006	0.073					0.013	0.050	120
SPIKE	MS	941301-001	0.018					<0.005	0.010	180
DUPLICATE	MD	941293-004	0.008	0.007	0.001					
DUPLICATE	SD/1X	941293-009	0.010	<0.005	0.010					
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Cadmium, Total (Cd)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297878
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
DUPLICATE	MD	941293-004	0.006	0.006	0.000					
DUPLICATE	SD/1X	941293-009	<0.005	<0.005	NC					
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					
PARAMETER:Cobalt, Total (Co)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297879
REPORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.03							
BLANK	MB	0602	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
BLANK	CCB	0509U	<0.03							
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CCV	0511I	2.53			2.50	101			
STANDARD	CRI	0112C	0.10			0.10	100			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	ICV	0405J	2.01			2.00	100			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CRI	0112C	0.10			0.10	100			
STANDARD	CCV	0511I	2.42			2.50	97			
STANDARD	LCS	0429B	1.97			1.77	111			
SPIKE	PDS	941301-001	0.51					<0.03	0.50	102
SPIKE	PDS	941293-006	0.52					0.06	0.50	92
SPIKE	MS	941293-006	0.54					0.06	0.50	96
SPIKE	MS	941301-001	0.12					<0.03	0.10	120
DUPLICATE	MD	941293-004	<0.03	<0.03	NC					
DUPLICATE	SD/1X	941293-009	0.03	<0.03	0.03					
DUPLICATE	MD	941301-001	<0.03	<0.03	NC					
DUPLICATE	SD/1X	941301-001	<0.03	<0.03	NC					
PARAMETER:Chromium, Total (Cr)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297880
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	2.56			2.50	102			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CCV	0511I	2.59			2.50	104			
STANDARD	CRI	0112C	0.02			0.02	100			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

:B NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
AMETER:Chromium, Total (Cr)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297880
PORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
NDARD	CCV	0511I	2.51			2.50	100			
NDARD	ICV	0405J	2.09			2.00	104			
NDARD	ISB	0111K	0.47			0.50	94			
ANDARD	CRI	0112C	0.02			0.02	100			
NDARD	CCV	0511I	2.49			2.50	100			
NDARD	LCS	0429B	0.49			0.44	111			
KE	PDS	941301-001	0.27					0.07	0.20	100
IKE	PDS	941293-006	0.31					0.13	0.20	90
IKE	MS	941293-006	0.40					0.13	0.20	135
KE	MS	941301-001	0.15					0.07	0.04	200
LICATE	MD	941293-004	0.09	0.08	12					
LICATE	SD/1X	941293-009	0.11	0.10	10					
PLICATE	MD	941301-001	0.07	0.07	0					
LICATE	SD/1X	941301-001	0.07	0.05	33					
:Copper, Total (Cu)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297881
PO. LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
NK	ICB	0509U	<0.01							
NK	MB	0602	<0.01							
NK	CCB	0509U	<0.01							
ANK	CCB	0509U	<0.01							
NK	CCB	0509U	<0.01							
NK	CCB	0509U	<0.01							
NDARD	CCV	0511I	2.63			2.50	105			
ANDARD	ISB	0111K	0.48			0.50	96			
ANDARD	CCV	0511I	2.65			2.50	106			
NDARD	CRI	0112C	0.04			0.04	100			
NDARD	CCV	0511I	2.62			2.50	105			
NDARD	ICV	0405J	2.07			2.00	103			
ANDARD	ISB	0111K	0.49			0.50	98			
NDARD	CRI	0112C	0.04			0.04	100			
NDARD	CCV	0511I	2.60			2.50	104			
NDARD	LCS	0429B	0.88			0.78	113			
IKE	PDS	941301-001	0.30					0.04	0.25	104
IKE	PDS	941293-006	0.33					0.08	0.25	100
KE	MS	941293-006	0.34					0.08	0.25	104
KE	MS	941301-001	0.10					0.04	0.05	120
LICATE	MD	941293-004	0.11	0.11	0					
LICATE	SD/1X	941293-009	0.10	0.10	0					
LICATE	MD	941301-001	0.04	0.04	0.00					
LICATE	SD/1X	941301-001	0.04	0.05	0.01					
RAMETER:Iron, Total (Fe)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297882
PORTING LIMIT/DF: 0.03 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
NK	ICB	0509U	<0.03							

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Potassium, Total (K)				DATE/TIME ANALYZED:06/03/94 11:35					QC BATCH NUMBER:297883	
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91					TECHNICIAN:WGL	
DUPLICATE	SD/1X	941293-009	<5	<5	NC					
PARAMETER:Magnesium, Total (Mg)				DATE/TIME ANALYZED:06/03/94 11:35					QC BATCH NUMBER:297884	
REPORTING LIMIT/DF: 0.5 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91					TECHNICIAN:WGL	
BLANK	ICB	0509U	<0.5							
BLANK	MB	0602	<0.5							
BLANK	CCB	0509U	<0.5							
BLANK	CCB	0509U	<0.5							
BLANK	CCB	0509U	<0.5							
BLANK	CCB	0509U	<0.5							
STANDARD	CCV	0511L	100			108	100			
STANDARD	ISA	0531M	482			500	96			
STANDARD	ISB	0111K	464			500	93			
STANDARD	CCV	0511L	101			100	101			
STANDARD	CRI	0112C	10.1			10.0	101			
STANDARD	CCV	0511L	98.0			100	98			
STANDARD	ICV	0426H	101			100	101			
STANDARD	LCS	0429B	29.3			25.5	115			
STANDARD	ISA	0531M	481			500	96			
STANDARD	ISB	0111K	457			500	91			
STANDARD	CRI	0112C	10.8			10.0	108			
STANDARD	CCV	0511L	97.7			100	98			
DUPLICATE	MD	941293-004	8.9	8.0	11					
DUPLICATE	MD	941301-001	9.2	9.0	2					
DUPLICATE	SD/1X	941301-001	9.2	8.5	8					
DUPLICATE	SD/1X	941293-009	11.1	11.5	4					
PARAMETER:Manganese, Total (Mn)				DATE/TIME ANALYZED:06/03/94 11:17					QC BATCH NUMBER:297885	
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91					TECHNICIAN:WGL	
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	5.12			5.00	102			
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CCV	0511I	5.17			5.00	103			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	5.03			5.00	101			
STANDARD	ICV	0405J	2.06			2.00	103			
STANDARD	ISB	0111K	0.47			0.50	94			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	4.99			5.00	100			

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QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Manganese, Total (Mn)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:29788
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WG
STANDARD	LCS	0429B	1.64			1.41	116			
SPIKE	PDS	941301-001	0.84					0.34	0.50	100
SPIKE	PDS	941293-006	5.40					4.98	0.50	84
SPIKE	MS	941293-006	5.08					4.98	0.50	20
SPIKE	MS	941301-001	0.49					0.34	0.10	150
DUPLICATE	MD	941293-004	1.49	1.48	1					
DUPLICATE	SD/1X	941293-009	1.89	2.00	6					
DUPLICATE	MD	941301-001	0.34	0.34	0					
DUPLICATE	SD/1X	941301-001	0.34	0.35	3					
PARAMETER:Sodium, Total (Na)				DATE/TIME ANALYZED:06/03/94 11:20						QC BATCH NUMBER:297886
REPORTING LIMIT/DF: 1 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WG
BLANK	ICB	0509U	<1							
BLANK	MB	0602	<1							
BLANK	CCB	0509U	<1							
BLANK	CCB	0509U	<1							
BLANK	CCB	0509U	<1							
BLANK	CCB	0509U	<1							
STANDARD	CCV	0511I	1			1	100			
STANDARD	CCV	0511I	1			1	100			
STANDARD	ICV	0223B	2			2	100			
STANDARD	CCV	0511I	1			1	100			
STANDARD	CCV	0511I	1			1	100			
STANDARD	LCS	0429B	5			3	167			
DUPLICATE	MD	941293-004	<1	<1	NC					
DUPLICATE	SD/1X	941301-001	1	<1	1					
DUPLICATE	MD	941301-001	<1	<1	NC					
PARAMETER:Nickel, Total (Ni)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297888
REPORTING LIMIT/DF: 0.04 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.04							
BLANK	MB	0602	<0.04							
BLANK	CCB	0509U	<0.04							
BLANK	CCB	0509U	<0.04							
BLANK	CCB	0509U	<0.04							
BLANK	CCB	0509U	<0.04							
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	ISB	0111K	0.88			1.00	88			
STANDARD	CCV	0511I	2.49			2.50	100			
STANDARD	CRI	0112C	0.08			0.08	100			
STANDARD	CCV	0511I	2.41			2.50	96			
STANDARD	ICV	0405J	1.95			2.00	98			
STANDARD	ISB	0111K	0.90			1.00	90			
STANDARD	CRI	0112C	0.08			0.08	100			

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QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Nickel, Total (Ni)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297888
REPORTING LIMIT/DF: 0.04 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	CCV	0511I	2.39			2.50	96			
STANDARD	LCS	0429B	1.21			1.10	110			96
SPIKE	PDS	941301-001	0.53					0.05	0.50	96
SPIKE	PDS	941293-006	0.59					0.15	0.50	88
SPIKE	MS	941293-006	0.65					0.15	0.50	100
SPIKE	MS	941301-001	0.16					0.05	0.10	110
DUPLICATE	MD	941293-004	0.07	0.07	0.00					
DUPLICATE	SD/1X	941293-009	0.11	<0.04	0.11					
DUPLICATE	MD	941301-001	0.05	0.05	0.00					
DUPLICATE	SD/1X	941301-001	0.05	<0.04	0.05					
PARAMETER:Lead, Total (Pb)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297889
REPORTING LIMIT/DF: 0.002 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.002							
BLANK	MB	0602	<0.002							
BLANK	CCB	0509U	<0.002							
BLANK	CCB	0509U	<0.002							
BLANK	CCB	0509U	<0.002							
BLANK	CCB	0509U	<0.002							
STANDARD	CCV	0511I	0.979			1.00	98			
STANDARD	ISB	0111K	0.941			1.00	94			
STANDARD	CCV	0511I	0.986			1.00	99			
STANDARD	CRI	0112C	0.008			0.006	133			
STANDARD	CCV	0511I	0.945			1.00	94			
STANDARD	ICV	0405J	1.91			2.00	96			
STANDARD	ISB	0111K	0.949			1.00	95			
STANDARD	CRI	0112C	0.007			0.006	117			
STANDARD	CCV	0511I	0.940			1.00	94			
STANDARD	LCS	0429B	0.584			0.509	115			
SPIKE	PDS	941301-001	0.508					0.024	0.500	97
SPIKE	PDS	941293-006	0.532					0.094	0.500	88
SPIKE	MS	941293-006	0.558					0.094	0.500	93
SPIKE	MS	941301-001	0.124					0.024	0.100	100
DUPLICATE	MD	941293-004	1.66	1.64	1					
DUPLICATE	SD/1X	941293-009	0.739	0.775	5					
DUPLICATE	MD	941301-001	0.024	0.023	4					
DUPLICATE	SD/1X	941301-001	0.024	0.030	22					
PARAMETER:Antimony, Total (Sb)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297890
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							

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QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Antimony, Total (Sb)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:29789
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WG
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	ISB	0111K	1.00			1.00	100			
STANDARD	CCV	0511I	2.52			2.50	101			
STANDARD	CRI	0112C	0.012			0.006	200			
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	ICV	0405J	1.94			2.00	97			
STANDARD	ISB	0111K	1.05			1.00	105			
STANDARD	CRI	0112C	0.005			0.006	83			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	LCS	0429B	0.914			0.750	122			
SPIKE	PDS	941301-001	1.02					<0.005	1.00	102
SPIKE	PDS	941293-006	0.943					<0.005	1.00	94
SPIKE	MS	941293-006	0.514					<0.005	1.00	51
SPIKE	MS	941301-001	0.049					<0.005	0.20	24
DUPLICATE	MD	941293-004	0.018	0.021	0.003					
DUPLICATE	SD/1X	941293-009	0.016	<0.005	0.016					
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					
PARAMETER:Selenium, Total (Se)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:29789
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WG
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.55			2.50	102			
STANDARD	ISB	0111K	1.06			1.00	106			
STANDARD	CCV	0511I	2.56			2.50	102			
STANDARD	CRI	0112C	0.015			0.010	150			
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	ICV	0405J	1.99			2.00	100			
STANDARD	ISB	0111K	1.06			1.00	106			
STANDARD	CRI	0112C	0.007			0.010	70			
STANDARD	CCV	0511I	2.45			2.50	98			
STANDARD	LCS	0429B	0.877			0.742	118			
SPIKE	PDS	941301-001	2.10					<0.005	2.00	105
SPIKE	PDS	941293-006	1.98					<0.005	2.00	99
SPIKE	MS	941293-006	2.08					<0.005	2.00	104
SPIKE	MS	941301-001	0.422					<0.005	0.400	106
DUPLICATE	MD	941293-004	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941293-009	<0.005	<0.005	NC					

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06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Selenium, Total (Se)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297891
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
DUPLICATE	MD	941301-001	<0.005	<0.005	NC					
DUPLICATE	SD/1X	941301-001	<0.005	<0.005	NC					
PARAMETER:Thallium, Total (Tl)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297892
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	0.962			1.00	96			
STANDARD	ISB	0111K	1.01			1.00	101			
STANDARD	CCV	0511I	0.973			1.00	97			
STANDARD	CRI	0112C	0.009			0.010	90			
STANDARD	CCV	0511I	0.936			1.00	94			
STANDARD	ICV	0405J	1.90			2.00	95			
STANDARD	ISB	0111K	1.02			1.00	102			
STANDARD	CRI	0112C	0.013			0.010	130			
STANDARD	CCV	0511I	0.927			1.00	93			
STANDARD	LCS	0429B	0.706			0.641	110			
SPIKE	PDS	941301-001	1.96					0.005	2.00	98
SPIKE	PDS	941293-006	1.84					0.012	2.00	91
SPIKE	MS	941293-006	1.93					0.012	2.00	96
SPIKE	MS	941301-001	0.412					0.005	0.400	102
DUPLICATE	MD	941293-004	0.005	0.007	0.002					
DUPLICATE	SD/1X	941293-009	0.012	<0.005	0.012					
DUPLICATE	MD	941301-001	0.005	0.005	0.000					
DUPLICATE	SD/1X	941301-001	0.005	<0.005	0.005					
PARAMETER:Vanadium, Total (V)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297893
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.01							
BLANK	MB	0602	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
BLANK	CCB	0509U	<0.01							
STANDARD	CCV	0511I	2.44			2.50	98			
STANDARD	ISB	0111K	0.44			0.50	88			
STANDARD	CCV	0511I	2.46			2.50	98			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	2.41			2.50	96			
STANDARD	ICV	0405J	1.97			2.00	98			

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WESTERN ATLAS

Core Laboratories

QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Vanadium, Total (V)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297893
REPORTING LIMIT/DF: 0.01 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
STANDARD	ISB	0111K	0.46			0.50	92			
STANDARD	CRI	0112C	0.02			0.02	100			
STANDARD	CCV	0511I	2.39			2.50	96			
STANDARD	LCS	0429B	0.87			0.83	105			
SPIKE	PDS	941301-001	0.53					0.05	0.50	96
SPIKE	PDS	941293-006	0.67					0.22	0.50	90
SPIKE	MS	941293-006	0.79					0.22	0.50	114
SPIKE	MS	941301-001	0.19					0.05	0.10	140
DUPLICATE	MD	941293-004	0.12	0.11	9					
DUPLICATE	SD/1X	941293-009	0.18	0.20	11					
DUPLICATE	MD	941301-001	0.05	0.05	0.00					
DUPLICATE	SD/1X	941301-001	0.05	0.05	0.00					
PARAMETER:Zinc, Total (Zn)				DATE/TIME ANALYZED:06/03/94 11:17						QC BATCH NUMBER:297894
REPORTING LIMIT/DF: 0.005 UNITS:mg/L				METHOD REFERENCE :ICP CLP SOW 9/91						TECHNICIAN:WGL
BLANK	ICB	0509U	<0.005							
BLANK	MB	0602	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
BLANK	CCB	0509U	<0.005							
STANDARD	CCV	0511I	2.60			2.50	104			
STANDARD	ISB	0111K	0.989			1.00	99			
STANDARD	CCV	0511I	2.61			2.50	104			
STANDARD	CRI	0112C	0.105			0.100	105			
STANDARD	CCV	0511I	2.55			2.50	102			
STANDARD	ICV	0405J	2.09			2.00	104			
STANDARD	ISB	0111K	1.02			1.00	102			
STANDARD	CRI	0112C	0.112			0.100	112			
STANDARD	CCV	0511I	2.54			2.50	102			
STANDARD	LCS	0429B	0.946			0.782	121			
SPIKE	PDS	941301-001	0.641					0.119	0.500	104
SPIKE	PDS	941293-006	0.851					0.366	0.500	97
SPIKE	MS	941293-006	0.912					0.366	0.500	109
SPIKE	MS	941301-001	0.239					0.119	0.100	120
DUPLICATE	MD	941293-004	0.684	0.662	3					
DUPLICATE	SD/1X	941293-009	0.436	0.460	5					
DUPLICATE	MD	941301-001	0.119	0.117	2					
DUPLICATE	SD/1X	941301-001	0.119	0.130	9					
PARAMETER:Mercury, Total (Hg)				DATE/TIME ANALYZED:06/07/94 10:30						QC BATCH NUMBER:298051
REPORTING LIMIT/DF: 0.0002UNITS:mg/L				METHOD REFERENCE :CVAA CLP SOW 9/91						TECHNICIAN:LMT
BLANK	ICB	06074	<0.0002							
BLANK	CCB	06074	<0.0002							

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QUALITY CONTROL REPORT
06/08/94

JOB NUMBER: 941301 CUSTOMER: JONES & NEUSE ATTN: MICHAEL WHITEHEAD

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Mercury, Total (Hg)				DATE/TIME ANALYZED:06/07/94 10:30						QC BATCH NUMBER:298051
REPORTING LIMIT/DF: 0.0002UNITS:mg/L				METHOD REFERENCE :CVAA CLP SOW 9/91						TECHNICIAN:LMT
STANDARD	ICV	0311G	0.0042			0.0040	105			8
STANDARD	CCV	1228Q	0.0025			0.0025	100			9
STANDARD	LCS	0429B	0.0035			0.0032	109			8
STANDARD	CRA	1228P	0.0002			0.0002	100			8
SPIKE	MS	941293-006	0.0051					<0.0002	0.0050	102
DUPLICATE	MD	941293-004	<0.0002	<0.0002	NC					0

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RESOURCE ASSOCIATES
Arvada, Colorado 80002 1-800-ERA-0122

0429B

Certification

PriorityPollutnT™/CLP Quality Control Standards

Inorganics in Soil

Parameter	Lot No. 219 Certified Value	Advisory Range
Trace Metals PriorityPollutnT™	mg/Kg	mg/Kg
Aluminum	3850	1930 - 5580
Antimony	75.0	32 - 350
Arsenic	72.1	35 - 110
Barium	64.8	45 - 88
Beryllium	28.7	17 - 37
Cadmium	61.8	38 - 86
Calcium	2330	1580 - 3170
Chromium	44.1	28 - 61
Cobalt	177	112 - 246
Copper	78.1	48 - 110
Iron	7380	4930 - 11000
Lead	50.9	27 - 71
Magnesium	2550	1610 - 3600
Manganese	141	97 - 190
Mercury	32.0	17 - 48
Molybdenum	104	64 - 147
Nickel	110	66 - 157
Potassium	3310	2090 - 4400
Selenium	74.2	36 - 108
Silver	71.7	29 - 105
Sodium	346	180 - 506
Thallium	64.1	31 - 98
Vanadium	83.0	56 - 113
Zinc	78.2	46 - 119
Cyanide PriorityPollutnT™	mg/Kg	mg/Kg
Total cyanide	117	49 - 191

(1) The Trace Metals Certified Values are equal to the mean recoveries for each parameter as determined in an interlaboratory round robin study. The standard was digested using Method 3050, SW-846 and the digest analyzed by ICP and atomic absorption spectroscopy.
(2) The Cyanide Certified Value is equal to the mean recovery as determined in an interlaboratory round robin study. The standard was digested and analyzed following the procedure outlined in Method 9010, SW-846.
(3) Advisory ranges are listed as guidelines for acceptable recoveries given the limitations of the EPA methodologies commonly used to determine these parameters. The range closely approximates the 95% confidence interval for parameters based upon the experimental data from this lot, previous ERA lots, and published USEPA data.

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WESTERN ATLAS

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QUALITY CONTROL FOOTER

METHOD REFERENCES

(1) EPA 600/4-79-020, Methods For Chemical Analysis Of Water And Wastes, March 1983
(2) EPA SW-846, Test Methods For Evaluating Solid Waste, Third Edition, November 1986
(3) Standard Methods For The Examination Of Water And Wastewater, 17th Edition, 1989
(4) EPA 600/4-80-032, Prescribed Procedures For Measurement Of Radioactivity In Drinking Water, August 1980
(5) EPA 600/8-78-017, Microbiological Methods For Monitoring The Environment, December 1978
(6) Federal Register, July 1, 1990 (40 CFR Part 136)
(7) EPA 600/4-88-039, Methods For The Determination Of Organics Compounds In Drinking Water, December 1988
(8) U.S.G.S. Methods For The Determination Of Inorganic Substances In Water And Fluvial Sediments, Book 5, Chapter A1, 1985
(9) Federal Register, Friday, June 7, 1991, (40 CFR Parts 141 and 142)
(10) Standard Methods For The Examination Of Water And Wastewater, 16th Edition, 1985
(11) ASTM, Section 11 Water And Environmental Technology, Volume 11.01 Water (1), 1991
(12) Methods Of Soil Analysis, American Society Of Agronomy, Agronomy No. 9, 1965
(13) EPA SW-846, Test Methods For Evaluating Solid Waste, Third Edition, Revision 1, November 1990
(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 Rock; Building Stones, 1981

Comments: Data in QA report may differ from final results due to digestion and/or dilution of sample into analytical ranges. 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. Results for soil and sludge samples are reported on a wet weight basis (i.e. not corrected for percent moisture) unless otherwise indicated.
NC = Not Calculable Due To Value(s) Lower Than The Detection Limit.

Blank QC Sample Identification		Spike QC Sample Identification	
MB	Method Blank	MS	Method (Matrix) Spike
ICB	Initial Calibration Blank	MSD	Method (Matrix) Spike Duplicate
CCB	Continuing Calibration Blank	PDS	Post Digestion Spike
Reference Standard QC Sample Identification		SB	Spiked Blank
LCS	Laboratory Control Standard	SBD	Spiked Blank Duplicate
RS	Reference Standard	**Duplicate QC Sample Identification**	
ICV	Initial Calibration Verification Standard	MD	Method (Matrix) Duplicate
CCV	Continuing Calibration Verification Standard	ED	Extraction Duplicate
ISA/ISB	ICP Interference Check Samples	DD	Digestion Duplicate

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	Subcontract Laboratory	Code
Core Laboratories - Anaheim, CA	* AN	Core Laboratories - Lake Charles, LA	* LC
Core Laboratories - Casper, WY	* CA	Core Laboratories - Long Beach, CA	* LB
Core Laboratories - Corpus Christi, TX	* CC	Other Subcontract Laboratories	* XX
Core Laboratories - Houston, TX	* HP		

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MMK 4
298051
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TJA 11 MERCURY RUN LOG

Instrument ID #2849

SOP HC-ATM-E001, HC-ATM-E002, HC-ATM-E046, HC-ATM-E047 EPA Method Reference CLP SOW 9/91

Prep. Date 6/6/94 Analyst NB Time On/Off _____ Digestion Temp. _____

Analysis Date 6/7/94 Analyst VMT Run Start Time 1030 Run End Time _____

CV Std. ID 03118 CCV Std. ID 12280 Spike Solution ID _____

CV Conc. 4.0 CCV Conc. 2.50 Spike Conc. MS PDS

Cal. Std. ID 12288 R Value 0.9999 Slope 26.40 Intercept -0.02

Calibration Blank 1 Absorb. 0.000 Cal. Std. 3 - 2.0 ug/L Absorb. 0.080

Calibration Blank 2 Absorb. 0.000 Cal. Std. 4 - 5.0 ug/L Absorb. 0.192

Cal. Std. 1 - 0.5 ug/L Absorb. 0.019 Cal. Std. 5 - 10.0 ug/L Absorb. 0.378

Cal. Std. 2 - 1.0 ug/L Absorb. 0.037 Cal. Std. 6 _____ Absorb. _____

NOTE: Values are in units of ug/L. Direct instrument printouts are not available for this instrument. Integration time = 1 second.

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Sample ID	Aliquot mls or grams	Dil. Factor	Absorb	Conc. ug/L or mg/Kg	Sample ID	Aliquot mls or grams	Dil. Factor	Absorb	Conc. ug/L or mg/Kg
ICU			0.159	4.17	941079-11		2x	0.001	0
ICB			<0.1		11MS		2x	0.180	4.97
CLA			0.008	0.22	12			0.019	0.48
LCS DX29B	0.10	10x	0.134	TV(3.2)5.52	12MD			0.017	0.43
941293-4	0.21		0.008	<0.1	13			0.003	<0.1
4MD	0.21		0.004	<0.1	CCU			0.092	2.40
6	0.22		0.002	<	CCB			0.000	
6MS	0.21		0.195	5.13	EB, [illegible]			0.007	<
8	0.21		0.012	0.30	EB, [illegible]			0.006	<
9	0.22		0.008		EB			0.001	
941301-1	0.21		0.003		941079-14			0.005	<
941331-1	0.20		0.001		15			0.004	<
CCU			0.095	2.483	16			0.130	3.41
CCB			0.000		17			0.009	0.22
941378-1	0.21		0.004	0.61	18			0.019	0.48
941355-9	0.22		0.002		19			0.002	
941293D-1			0.000		20			0.001	
1MD			0.001		CCU			0.089	2.33
3			0.001		CCB			0.00	
3MS			0.198	5.21	21	2x		0.007	<0.2
5			0.012	0.297	21MS	2x		0.201	5.28
7			0.003		22	2x		0.011	0.27
941293F-1			0.001		~~MD 22LD~~	~~2x~~	2TEC	0.019	0.48
1MD			0.000		23			0.021	0.53
CCU			0.094	2.46	24			0.023	0.59
CCB			0.00x		25			0.003	<
2			0.021	0.53	26			0.013	0.32
2MS		2.270	[illegible]	7.16	27			0.022	0.56
3			0.013	0.32	28			0.023	0.59
5			0.008	0.191	CCU			0.089	2.32
7			0.003		CCB			0.002	

Conc. ug/L or mg/Kg

estate

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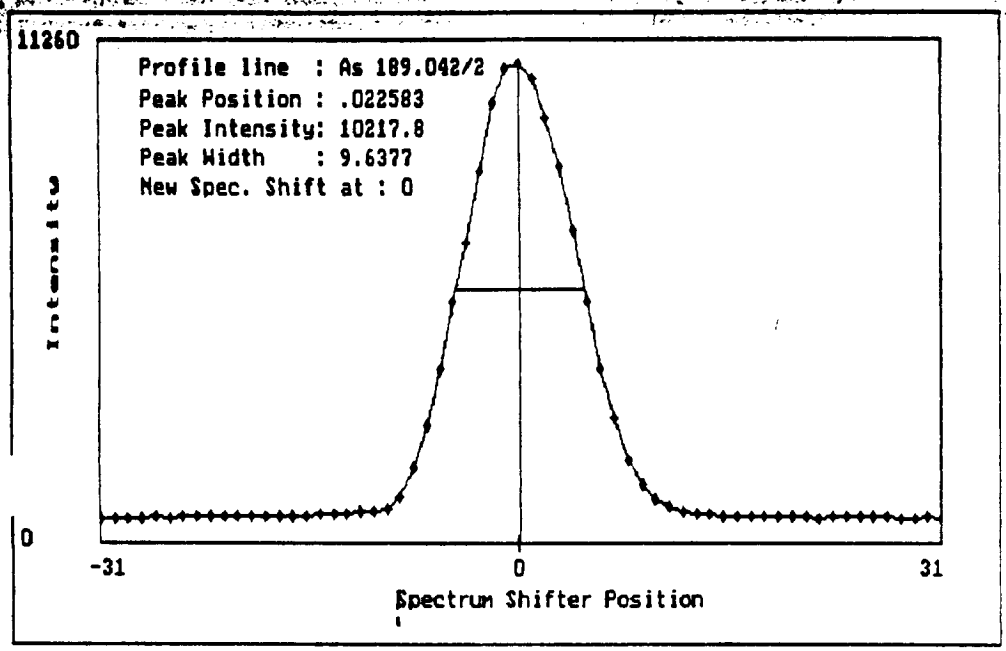
Continued on back of page.

2PDS 0.128 - 3.36



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Method: TSOIL Standard: SOIL0

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Avge	-.00910	.02580	.00360	.00510	.00035	-.00610	.27095
SDev	.00099	.00000	.00226	.00099	.00120	.00014	.00078
%RSD	10.879	.00000	62.854	19.411	343.45	2.3184	.28707
#1	-.00980	.02580	.00520	.00580	-.00050	-.00600	.27150
#2	-.00840	.02580	.00200	.00440	.00120	-.00620	.27040

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avge	.02200	.02790	.00230	.00080	.00020	.00180	.21620
SDev	.00000	.00608	.00014	.00085	.00000	.00057	.00311
%RSD	.00000	21.796	6.1488	106.07	.00000	31.427	1.4391
#1	.02200	.02360	.00220	.00140	.00020	.00140	.21400
#2	.02200	.03220	.00240	.00020	.00020	.00220	.21840

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Avge	2.0842	.01965	.13330	.00090	.00170	3.8145	.88570
SDev	.0011	.00064	.00014	.00014	.00014	.0417	.00382
%RSD	.05428	3.2387	.10609	15.713	8.3189	1.0937	.43111
#1	2.0834	.02010	.13320	.00100	.00180	3.8440	.88840
#2	2.0850	.01920	.13340	.00080	.00160	3.7850	.88300

Elem	Ni2316	Si2881	SiO2	Sn1899	Sr4215	Tl1908	V_2924
Avge	.00050	.04560	.04560	.00190	.00040	-.04940	.00000
SDev	.00707	.00141	.00141	.00184	.00000	.00028	.00028
%RSD	1414.2	3.1013	3.1013	96.762	.00000	.57256	.00000
#1	.00550	.04460	.04460	.00060	.00040	-.04960	.00020
#2	-.00450	.04660	.04660	.00320	.00040	-.04920	-.00020

Elem	Zn2138	Pb 1st	Pb 2nd	Sb 1st	Sb 2nd	Se 1st	Se 2nd
Avge	.00240	.07400	-.00800	-.03660	.00440	-.04060	.01670
SDev	.00028	.01471	.00481	.01556	.00283	.01895	.00551
%RSD	11.785	19.875	60.104	42.504	64.282	46.676	33.027
#1	.00220	.06360	-.00460	-.02560	.00640	-.02720	.02060
#2	.00260	.08440	-.01140	-.04760	.00240	-.05400	.01280

Method: TSOIL Standard: SOIL1

Elem	Ag3280	As1890	Cd2265	Tl1908	Pb 1st	Pb 2nd	Se 1st
Avge	64.913	18.569	145.93	7.4753	24.901	36.919	12.775
SDev	.048	.019	.17	.0157	.096	.081	.075
%RSD	.07363	.10243	.11522	.21000	.38620	.21949	.58672
#1	64.879	18.556	145.81	7.4864	24.969	36.862	12.828
#2	64.947	18.583	146.05	7.4642	24.833	36.977	12.722

Elem	Se 2nd
Avge	7.0940
SDev	.0062
%RSD	.08772

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#1	7.0896						
#2	7.0984						

Method: TSOIL Standard: SOIL3

Elem	Al3082	B_2496	Be3130	Fe2714	K_7664	Mo2020	Na5889
Avge	2.6953	7.5037	29.634	1.6609	13.640	4.9949	52.069
SDev	.0047	.0061	.016	.0063	.139	.0004	.160
%RSD	.17315	.08104	.05536	.37890	1.0202	.00850	.30664
#1	2.6986	7.5080	29.646	1.6654	13.739	4.9946	52.182
#2	2.6920	7.4994	29.622	1.6565	13.542	4.9952	51.956

Elem	Ni2316	Si2881	SiO2	V_2924
Avge	55.485	26.837	26.837	3.4051
SDev	.137	.073	.073	.0081
%RSD	.24775	.27086	.27086	.23673
#1	55.582	26.889	26.889	3.4108
#2	55.388	26.786	26.786	3.3994

Method: TSOIL Standard: SOIL2

Elem	Ba4934	Ca3968	Co2286	Cr2677	Cu3247	Mg2852	Mn2576
Avge	22.937	141.43	6.5430	9.8449	.16935	41.043	31.447
SDev	.017	.22	.0054	.0095	.00035	.007	.043
%RSD	.07398	.15624	.08214	.09625	.20877	.01688	.13806
#1	22.925	141.27	6.5392	9.8382	.16910	41.038	31.416
#2	22.949	141.58	6.5468	9.8516	.16960	41.048	31.478

Elem	Sr4215	Zn2138
Avge	79.255	9.5696
SDev	.052	.0136
%RSD	.06567	.14187
#1	79.218	9.5600
#2	79.291	9.5792

Method: TSOIL Standard: SOIL5

Elem	Ca3179	K_4047	Mg2790	Na3302
Avge	34.402	4.2357	43.246	4.1734
SDev	.073	.0041	.111	.0085
%RSD	.21336	.09682	.25606	.20332
#1	34.454	4.2386	43.324	4.1794
#2	34.350	4.2328	43.168	4.1674

Method: TSOIL Standard: SOIL4

Elem	Sn1899	Sb 1st	Sb 2nd
Avge	6.6555	36.614	10.256

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SDev	.0089	.283	.034
%RSD	.13387	.77289	.33095
#1	6.6492	36.814	10.280
#2	6.6618	36.414	10.232

Method: TSOIL Sample Name: ICV 0405J Operator: WGL
Run Time: 06/03/94 09:25:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00152	.02320	2.1174	.00442	.00035	1.9527	1.9288
SDev	.00060	.02330	.0121	.00028	.00000	.0019	.0028
%RSD	39.047	100.42	.57209	6.4133	.05376	.09781	.14646
#1	.00110	.00673	2.1088	.00422	.00035	1.9541	1.9268
2	.00194	.03967	2.1259	.00462	.00035	1.9514	1.9308

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.1292	1.9460	2.0118	2.0891	2.0666	1.8606	-.09043
SDev	.0020	.0013	.0017	.0006	.0042	.0503	.05758
%RSD	.09516	.06602	.08599	.03094	.20240	2.7027	63.668
#1	2.1278	1.9469	2.0130	2.0896	2.0637	1.8251	-.04972
#2	2.1307	1.9451	2.0106	2.0887	2.0696	1.8962	-.13115

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-2.5526	1.9652	2.1252	2.0553	1.9638	.00318	.24449
SDev	.7706	.0035	.0016	.0013	.0057	.00332	.03022
%RSD	30.189	.17945	.07718	.06540	.28844	104.19	12.360
#1	-3.0975	1.9628	2.1264	2.0562	1.9598	.00553	.22312
#2	-2.0077	1.9677	2.1241	2.0543	1.9678	.00084	.26586

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.9547	1.9090	1.9397	1.9921	.03181	.03587	.00098
SDev	.0040	.0633	.1494	.0826	.02558	.05471	.00000
%RSD	.20420	3.3161	7.7037	4.1463	80.392	152.52	.00000
#1	1.9519	1.9538	2.0454	2.0505	.01373	-.00282	.00098
#2	1.9575	1.8643	1.8340	1.9337	.04990	.07456	.00098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00017	1.9005	1.9740	2.0866	1.8076	1.9591	2.0633
SDev	.00004	.0005	.0019	.0082	.2110	.0100	.0274
RSD	21.112	.02581	.09455	.39122	11.673	.51086	1.3279
#1	.00014	1.9001	1.9754	2.0924	1.9568	1.9520	2.0440
#2	.00019	1.9008	1.9727	2.0809	1.6584	1.9661	2.0827

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	1.8759	1.8700	2.0509
SDev	.2377	.2439	.0021
%RSD	12.672	13.041	.10161
#1	2.0440	2.0424	2.0524
#2	1.7078	1.6976	2.0494

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Method: TSOIL Sample Name: ICV 0223B Operator: WGL
Run Time: 06/03/94 09:28:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.0386	1.9172	-.00205	1.8401	2.1067	.00054	.00442
SDev	.0009	.0011	.00122	.0005	.0019	.00002	.00003
%RSD	.04380	.05532	59.562	.02562	.09219	4.3920	.66435
#1	2.0393	1.9165	-.00118	1.8404	2.1081	.00056	.00444
#2	2.0380	1.9180	-.00291	1.8397	2.1053	.00052	.00439

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00364	.00010	.00138	.00229	.00296	-.00257	19.629
SDev	.00001	.00015	.00011	.00007	.00000	.00086	.177
%RSD	.20343	145.98	7.8567	3.1427	.00144	33.425	.90095
#1	.00364	.00021	.00130	.00223	.00296	-.00196	19.754
#2	.00363	-.00000	.00145	.00234	.00296	-.00317	19.504

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	11.644	-.00078	-.01160	.00041	.00138	1.9313	1.4192
SDev	.181	.00013	.00246	.00000	.00014	.0039	.0387
%RSD	1.5535	16.988	21.214	.04157	10.271	.19980	2.7242
#1	11.516	-.00087	-.01334	.00041	.00148	1.9340	1.3919
#2	11.772	-.00069	-.00986	.00041	.00128	1.9286	1.4465

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00012	.00205	.00222	.00065	.98558	2.1081	-.00120
SDev	.00083	.00135	.00238	.00438	.00343	.0073	.00457
%RSD	683.62	65.613	107.28	671.35	.34803	.34809	380.07
#1	-.00071	.00110	.00054	-.00244	.98801	2.1133	-.00443
#2	.00046	.00301	.00391	.00375	.98316	2.1029	.00203

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00114	.00138	.00001	.00141	.00138	.00179	.00154
SDev	.00004	.00038	.00000	.00022	.00175	.00072	.00274
%RSD	3.1430	27.232	2.0067	15.470	127.04	40.326	178.27

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#1	.00111	.00165	.00001	.00125	.00014	.00128	-.00040
#2	.00116	.00111	.00001	.00156	.00261	.00230	.00347

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00046	.00103	-.00164
SDev	.00220	.00574	.00370
%RSD	475.14	556.13	225.85
#1	-.00110	-.00303	-.00425
#2	.00202	.00509	.00098

Method: TSOIL Sample Name: ICV 0426H Operator: WGL
Run Time: 06/03/94 09:33:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00042	-.00293	-.00049	.02254	-.00543	.00017	S13.928
SDev	.00032	.00629	.00013	.00651	.00020	.00022	.057
%RSD	76.853	214.64	26.206	28.870	3.7505	126.53	.41086
#1	.00019	.00152	-.00058	.02714	-.00528	.00032	S13.888
#2	.00065	-.00737	-.00040	.01794	-.00557	.00002	S13.969

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	100.98	-.00037	-.00183	.00020	.00000	.04612	S1000.0
SDev	.20	.00004	.00011	.00014	.00000	.05970	95.6
%RSD	.19961	12.200	5.8926	70.711	167.84	129.43	2.6983
#1	100.84	-.00040	-.00191	.00010	-.00000	.00391	S1000.0
#2	101.12	-.00034	-.00176	.00030	.00000	.08833	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	97 475	S194.13	101.42	-.00326	.02203	S92.646	49.699
SDev	.257	.11	.21	.00000	.01374	.000	.219
%RSD	.26396	.05595	.20700	.04229	62.354	.00001	.44002
#1	97.657	S194.06	101.27	-.00326	.03174	S92.646	49.544
#2	97.293	S194.21	101.57	-.00326	.01232	S92.646	49.853

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00034	.00101	.00060	-.00150	.03376	.07221	1.0129
SDev	.00061	.00090	.00085	.00042	.02932	.06271	.0026
%RSD	179.17	89.271	142.24	28.080	86.840	86.848	.25181
#1	.00009	.00165	-.00000	-.00180	.05449	.11655	1.0111
#2	-.00077	.00037	.00120	-.00121	.01303	.02787	1.0147

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0524	.00660	.00103	-.00891	-.00146	.00135	-.00172

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SDev	.0026	.00073	.00020	.00003	.00062	.00104	.00047
%RSD	.24534	11.079	19.588	.28708	42.594	77.463	27.281
#1	1.0506	.00711	.00118	-.00889	-.00102	.00209	-.00205
#2	1.0542	.00608	.00089	-.00893	-.00190	.00061	-.00139

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00034	.00344	-.00592
SDev	.00104	.00099	.00091
%RSD	305.68	28.699	15.433
#1	-.00108	.00414	-.00657
#2	.00040	.00274	-.00527

Method: TSOIL Sample Name: ICB 0509U Operator: WGL
Run Time: 06/03/94 09:37:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00015	.01197	.00116	.00467	.00007	.00012	.00005
SDev	.00004	.00205	.00029	.00066	.00031	.00001	.00000
%RSD	29.471	17.156	24.662	14.142	471.07	6.0356	.19510
#1	.00012	.01052	.00136	.00513	.00028	.00011	.00005
#2	.00018	.01343	.00096	.00420	-.00015	.00012	.00005

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00072	-.00022	-.00084	-.00036	.00000	.00272	-.05877
SDev	.00101	.00013	.00000	.00036	.00000	.00135	.08838
%RSD	141.04	59.771	.00000	101.02	48.109	49.849	150.38
#1	-.00144	-.00013	-.00084	-.00061	.00000	.00367	L-.12127
#2	-.00000	-.00032	-.00084	-.00010	.00000	.00176	.00372

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.29082	.00004	-.00174	-.00006	.00170	-.01073	-.02120
SDev	.41092	.00003	.00164	.00004	.00028	.00108	.02563
%RSD	141.30	75.880	94.282	70.778	16.641	10.065	120.90
#1	-.58138	.00006	-.00290	-.00009	.00190	-.01149	-.03932
#2	-.00025	.00002	-.00058	-.00003	.00150	-.00997	-.00308

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00106	-.00069	.00444	-.00228	.00336	.00718	-.00143
SDev	.00023	.00083	.00007	.00378	.00316	.00677	.00064
%RSD	21.619	120.11	1.5324	165.28	94.290	94.295	44.659
#1	-.00122	-.00128	.00449	-.00495	.00559	.01197	-.00098
#2	-.00090	-.00010	.00439	.00039	.00112	.00239	-.00188

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Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00005	.00070	-.00000	-.00094	-.00101	-.00084	.00012
SDev	.00000	.00304	.00332	.00000	.00035	.00108	.00185
%RSD	.05512	433.81	470930.	.10931	34.280	128.70	1591.7
#1	-.00005	.00286	-.00235	-.00094	-.00125	-.00160	.00142
#2	-.00005	-.00145	.00235	-.00094	-.00076	-.00008	-.00119

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00450	-.00031	-.00537
SDev	.00082	.00033	.00549
%RSD	18.243	106.44	102.36
#1	.00392	-.00054	-.00925
#2	.00508	-.00008	-.00148

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Method: TSOIL Sample Name: ISA 0531M Operator: WGL
Run Time: 06/03/94 09:41:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.12597	423.71	.00040	-.00000	-.01715	.04521	S-.06965
SDev	.00076	.56	.00082	.00066	.00002	.00006	.00005
%RSD	.59984	.13173	203.19	49720.	.13465	.12914	.07106
#1	.12543	423.32	.00098	-.00047	-.01713	.04517	S-.06961
#2	.12650	424.11	-.00018	.00047	-.01717	.04525	S-.06968

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	478.86	.00441	-.00161	.01077	.00590	177.01	-6.7423
SDev	.92	.00033	.00043	.00057	.00003	.49	.0095
%RSD	.19155	7.5195	26.937	5.3367	.41906	.27848	.14117
#1	478.22	.00417	-.00191	.01036	.00588	176.66	-6.7490
#2	479.51	.00464	-.00130	.01117	.00591	177.36	-6.7355

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	15.971	S191.01	481.53	.00527	-.00328	S92.590	552.66
SDev	.707	.01	1.49	.00036	.00098	.000	1.69
%RSD	4.4281	.00484	.31012	6.7735	29.999	.00009	.30605
#1	15.471	S191.00	480.48	.00502	-.00398	S92.590	553.85
#2	16.472	S191.01	482.59	.00552	-.00259	S92.590	551.46

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05255	.06300	.00111	.01477	-.00866	-.02047	-.00316
SDev	.00058	.00049	.00204	.00285	.00073	.00157	.00074
%RSD	1.1070	.78385	183.78	19.282	8.3734	7.6479	23.570

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#1	.05214	.06266	.00255	.01275	-.00815	-.01936	-.00368
#2	.05296	.06335	-.00033	.01678	-.00918	-.02157	-.00263

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00076	.10771	.00480	-.02702	-.01030	.09870	.00963
SDev	.00005	.00537	.00037	.00015	.00238	.00045	.00688
%RSD	6.0965	4.9827	7.7551	.57336	23.124	.45414	71.407
#1	.00073	.10392	.00506	-.02713	-.01198	.09902	.01450
#2	.00079	.11151	.00453	-.02691	-.00861	.09838	.00477

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00510	.04237	-.00111
SDev	.00059	.01207	.00176
%RSD	11.586	28.482	157.93
#1	-.00551	.03384	.00013
#2	-.00468	.05090	-.00235

Method: TSOIL Sample Name: ISB 0111K Operator: WGL
Run Time: 06/03/94 09:45:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0428	409.31	.99389	.90372	.45472	.49512	S-.06752
SDev	.0013	.68	.00198	.00396	.00121	.00139	.00009
%RSD	.12825	.16666	.19922	.43820	.26522	.27997	.13616
#1	1.0418	408.83	.99249	.90092	.45386	.49414	S-.06748
#2	1.0437	409.79	.99529	.90652	.45557	.49610	S-.06759

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	457.65	.87185	.43940	.45555	.47861	170.70	9.6564
SDev	.96	.00219	.00097	.00136	.00419	.22	.0350
%RSD	.21007	.25093	.22143	.29959	.87580	.12922	.36281
#1	456.97	.87030	.43871	.45459	.47564	170.54	9.6316
#2	458.33	.87339	.44009	.45652	.48157	170.85	9.6811

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	24.268	S191.14	464.17	.45875	.90172	S92.588	527.42
SDev	.218	.02	.71	.00166	.00353	.000	.60
%RSD	.89707	.01262	.15212	.36214	.39171	.00012	.11415
1	24.422	S191.16	463.67	.45757	.89922	S92.588	527.00
2	24.114	S191.13	464.67	.45992	.90422	S92.587	527.85

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.88234	.94119	1.0045	1.0614	.44016	.93277	.95632

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SDev	.00251	.00277	.0015	.0030	.00467	.00997	.00096
%RSD	.28480	.29378	.14885	.28522	1.0612	1.0687	.10002
#1	.88057	.93924	1.0034	1.0593	.43685	.92573	.95565
#2	.88412	.94315	1.0056	1.0635	.44346	.93982	.95700

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.95654	1.0052	.44037	.98899	.87509	.97330	1.0168
SDev	.00286	.0017	.00085	.00365	.00461	.00184	.0104
%RSD	.29946	.16932	.19370	.36925	.52689	.18941	1.0253
#1	.95452	1.0064	.43977	.98641	.87183	.97199	1.0094
#2	.95857	1.0040	.44097	.99157	.87835	.97460	1.0242

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.99626	1.0911	1.0445
SDev	.00296	.0085	.0088
%RSD	.29742	.77652	.83951
#1	.99836	1.0971	1.0383
#2	.99416	1.0851	1.0507

Method: TSOIL Sample Name: CRI 0112C Operator: WGL
Run Time: 06/03/94 09:48:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03358	.11967	.01151	.18363	.20643	.00941	S28.274
SDev	.00009	.00003	.00065	.00066	.00018	.00000	.000
%RSD	.25954	.02411	5.6188	.35947	.08901	.02780	.00117
#1	.03364	.11969	.01197	.18316	.20630	.00941	S28.274
#2	.03351	.11965	.01105	.18410	.20656	.00942	S28.274

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.7865	.01139	.09701	.01991	.04139	.08464	10.042
SDev	.0133	.00031	.00043	.00029	.00000	.00347	.080
%RSD	.13622	2.6992	.44577	1.4431	.00043	4.0944	.80072
#1	9.7770	.01161	.09670	.01971	.04139	.08709	9.9854
#2	9.7959	.01118	.09731	.02011	.04139	.08219	10.099

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L8.8774	H9.6174	10.119	.02001	.02183	S50.886	8.0867
SDev	1.0191	.0014	.006	.00005	.00042	59.058	.0814
%RSD	11.480	.01418	.05673	.22751	1.9463	116.06	1.0069
#1	L8.1567	H9.6164	10.115	.02004	.02153	S92.647	8.0291
#2	L9.5980	H9.6183	10.123	.01997	.02213	H9.1256	8.1442

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Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.07743	.00792	.01154	.01454	.09866	.21073	.10107
SDev	.00012	.00040	.00012	.00242	.00053	.00113	.00170
%RSD	.15635	5.0792	1.0210	16.652	.53878	.53749	1.6823
#1	.07752	.00764	.01146	.01625	.09829	.20993	.09987
#2	.07735	.00821	.01162	.01282	.09904	.21153	.10228

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02050	.00882	.01886	.10490	.00576	.00870	.00747
SDev	.00003	.00216	.00125	.00000	.00149	.00135	.00393
%RSD	.17230	24.485	6.6106	.00050	25.866	15.473	52.578
#1	.02048	.01035	.01797	.10490	.00681	.00775	.01025
#2	.02053	.00729	.01974	.10490	.00470	.00966	.00470

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01147	.01278	.01331
SDev	.00214	.00066	.00330
%RSD	18.642	5.1845	24.773
#1	.00996	.01325	.01564
#2	.01298	.01231	.01098

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Method: TSOIL Sample Name: MB 0602 Operator: WGL
Run Time: 06/03/94 10:35:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00432	.01648	-.00023	-.00047	-.00017	.00015	.00084
SDev	.00004	.00212	.00004	.00113	.00003	.00005	.00001
%RSD	1.0242	12.890	16.684	242.44	17.665	31.270	1.1563
#1	-.00436	.01498	-.00026	.00033	-.00015	.00019	.00085
#2	-.00429	.01798	-.00020	-.00127	-.00020	.00012	.00083

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00144	-.00032	-.00214	-.00046	.00000	.00300	-.00394
SDev	.00001	.00007	.00054	.00036	.00000	.00937	.06979
%RSD	.72841	23.111	25.254	78.567	323.29	312.29	1769.3
#1	.00143	-.00037	-.00176	-.00071	.00000	.00962	.04541
#2	.00145	-.00027	-.00252	-.00020	-.00000	-.00362	-.05330

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.40875	.00077	.00580	-.00003	.00100	-.00014	-.02446
SDev	.26386	.00003	.00082	.00000	.00014	.00019	.06461
	64.552	4.5562	14.141	3.0444	14.142	140.32	264.12

#1	.59533	.00079	.00522	-.00003	.00090	-.00000	.02123
#2	.22218	.00074	.00638	-.00003	.00110	-.00027	-.07015

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00039	.00051	.00364	-.00337	-.00598	-.01278	-.00023
SDev	.00057	.00087	.00456	.00011	.00052	.00112	.00234
%RSD	145.38	171.87	125.25	3.2786	8.7193	8.7666	1037.1
#1	-.00079	-.00011	H.00686	-.00329	-.00561	-.01199	-.00188
#2	.00001	.00112	.00042	-.00345	-.00635	-.01357	.00143

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00005	.00240	-.00015	-.00104	.00031	.00001	-.00278
SDev	.00000	.00545	.00021	.00029	.00181	.00002	.00083
%RSD	.00057	227.20	140.41	28.177	587.18	245.83	30.039
#1	-.00005	-.00145	-.00000	-.00125	-.00097	.00002	-.00219
#2	-.00005	.00625	-.00029	-.00084	.00159	-.00001	-.00337

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00474	-.00273	-.00579
SDev	.00641	.00928	.00480
%RSD	135.25	339.63	82.838
#1	.00927	-.00929	-.00240
#2	.00021	.00383	-.00918

Method: TSOIL Sample Name: LCS 04298 Operator: WGL
Run Time: 06/03/94 10:39:03
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.68765	Q37.903	.86339	.01692	.71997	.29167	S21.134
SDev	.00018	.081	.00072	.00047	.00093	.00040	9.948
%RSD	.02664	.21249	.08368	2.7875	.12877	.13582	47.071
#1	.68778	Q37.846	.86287	.01659	.71932	.29195	S28.168
#2	.68752	Q37.960	.86390	.01726	.72063	.29139	S14.100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q28.252	.65914	1.9695	.49197	.87982	Q91.823	Q65.321
SDev	.025	.00051	.0012	.00043	.00000	.031	34.824
%RSD	.08740	.07702	.06038	.08761	.00015	.03340	53.312
#1	Q28.270	.65879	1.9704	.49227	.87982	Q91.801	Q40.696
#2	Q28.235	.65950	1.9687	.49167	.87982	Q91.844	Q89.945

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	37.594	S194.72	29.336	1.6372	1.0931	Q6.0627	Q5.4192

008699

SDev	.085	.03	.029	.0010	.0034	.0013	.1337
%RSD	.22644	.01740	.09784	.06293	.31100	.02086	2.4677
#1	37.654	S194.69	29.356	1.6379	1.0955	Q6.0636	Q5.3246
#2	37.534	S194.74	29.316	1.6364	1.0907	Q6.0618	Q5.5137

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.2125	.58370	Q.91418	Q.87737	3.8456	8.2173	.01976
SDev	.0014	.00202	.00521	.01103	.0002	.0005	.00255
%RSD	.11229	.34668	.57023	1.2568	.00644	.00652	12.905
#1	1.2134	.58513	Q.91049	Q.86958	3.8455	8.2170	.01796
#2	1.2115	.58227	Q.91787	Q.88517	3.8458	8.2177	.02157

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10055	.70608	.86752	Q.94612	.57177	.58905	Q.91599
SDev	.00011	.00405	.00042	.00140	.00030	.00361	.00237
%RSD	.10582	.57403	.04804	.14794	.05153	.61199	.25918
#1	.10062	.70894	.86723	Q.94711	.57156	.59160	Q.91766
#2	.10047	.70321	.86782	Q.94513	.57197	.58651	Q.91431

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	Q.91118	Q.87797	Q.87513
SDev	.00900	.00846	.01210
%RSD	.98781	.96355	1.3822
#1	Q.90481	Q.87199	Q.86658
#2	Q.91754	Q.88395	Q.88368

Method: TSOIL Sample Name: LCS 0429B Operator: WGL
Run Time: 06/03/94 10:41:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q.05946	3.7572	Q.08540	.00076	Q.07144	Q.02867	Q2.7833
SDev	.00009	.0116	.00150	.00047	.00000	.00010	.0008
%RSD	.15271	.30990	1.7614	62.169	.00040	.33873	.02790
#1	Q.05953	3.7654	Q.08434	.00042	Q.07144	Q.02874	Q2.7827
#2	Q.05940	3.7489	Q.08647	.00109	Q.07144	Q.02860	Q2.7838

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q2.8360	Q.06636	Q.19707	Q.04922	Q.08622	Q9.3171	Q3.4801
SDev	.0031	.00005	.00011	.00036	.00000	.0332	.0331
%RSD	.10830	.08116	.05486	.72973	.00192	.35664	.95201
#1	Q2.8382	Q.06640	Q.19715	Q.04947	Q.08622	Q9.3405	Q3.5036
#2	Q2.8338	Q.06632	Q.19700	Q.04896	Q.08621	Q9.2936	Q3.4567

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Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q3.9290	Q2.7531	Q2.9672	Q.16574	Q.10990	Q.51287	Q.64373
SDev	.2630	.0005	.0016	.00004	.00014	.00098	.09900
%RSD	6.6937	.01912	.05528	.02509	.12872	.19198	15.380
#1	Q4.1150	Q2.7535	Q2.9661	Q.16572	Q.11000	Q.51357	Q.71374
#2	Q3.7430	Q2.7527	Q2.9684	Q.16577	Q.10980	Q.51218	Q.57372

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q.12254	Q.05905	Q.09601	Q.08785	.38438	.82134	-.00083
SDev	.00003	.00061	.00053	.00569	.01215	.02600	.00213
%RSD	.02180	1.0343	.55133	6.4723	3.1613	3.1653	257.13
#1	Q.12256	Q.05948	Q.09563	Q.08383	.37579	.80295	-.00233
#2	Q.12252	Q.05862	Q.09638	Q.09187	.39297	.83972	.00068

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01004	Q.07164	Q.08653	Q.09768	Q.05657	Q.05939	Q.09215
SDev	.00004	.00341	.00021	.00001	.00094	.00044	.00309
%RSD	.35456	4.7645	.24435	.00491	1.6713	.74705	3.3532
#1	.01007	Q.06923	Q.08668	Q.09767	Q.05724	Q.05970	Q.08997
#2	.01002	Q.07406	Q.08638	Q.09768	Q.05590	Q.05907	Q.09434

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	Q.09598	Q.08278	Q.08829
SDev	.00096	.00469	.00618
%RSD	1.0014	5.6648	7.0041
#1	Q.09666	Q.07946	Q.08391
#2	Q.09530	Q.08610	Q.09266

Method: TSOIL Sample Name: 941301S-001 98 Operator: WGL
Run Time: 06/03/94 10:46:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02524	H120.72	.03726	.17595	.40396	.02135	S20.847
SDev	.00013	3.39	.00637	.02622	.00996	.00005	10.014
%RSD	.52879	2.8094	17.091	14.902	2.4665	.24784	48.034
#1	.02515	H118.33	.04177	.19449	.39691	.02139	S27.928
#2	.02534	H123.12	.03276	.15741	.41100	.02132	S13.766

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	140.00	.00071	.11390	.34295	.22521	H301.43	28.233
SDev	3.94	.00052	.00249	.00632	.01217	7.38	4.757
%RSD	2.8144	72.949	2.1830	1.8432	5.4033	2.4485	16.850

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#1	137.21	.00035	.11566	.34742	.23382	H296.21	24.869
#2	142.79	.00108	.11214	.33848	.21661	H306.65	31.597

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L24.086	S194.62	43.336	1.6441	.01848	H6.1609	4.8920
SDev	1.465	.18	1.156	.0195	.02610	.1845	.2497
%RSD	6.0826	.09171	2.6682	1.1886	141.23	2.9944	5.1040
#1	L23.050	S194.75	42.518	1.6303	.03693	H6.0305	4.7154
#2	25.122	S194.49	44.154	1.6579	.00002	H6.2914	5.0685

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.25265	.10541	.00205	.00565	5.6109	11.994	.04291
SDev	.00420	.01277	.00006	.00180	.1302	.279	.03741
%RSD	1.6631	12.118	2.7818	31.843	2.3206	2.3224	87.181
1	.24968	.09638	.00201	.00438	5.5189	11.797	.06936
2	.25562	.11445	.00209	.00692	5.7030	12.190	.01646

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.3155	.12697	.28261	.56864	.09258	.11122	-.00527
SDev	.0291	.15207	.02597	.00924	.01038	.02476	.03460
%RSD	2.2096	119.77	9.1892	1.6258	11.211	22.260	656.44
#1	1.2949	.23449	.30098	.56210	.09992	.09371	-.02974
#2	1.3361	.01944	.26425	.57518	.08524	.12873	.01920

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00361	.03801	-.01245
SDev	.01719	.02476	.01485
%RSD	476.02	65.153	119.26
#1	.01577	.05552	-.02295
#2	-.00854	.02050	-.00195

Method: TSOIL Sample Name: 941301S-001 490 Operator: WGL
Run Time: 06/03/94 10:55:11
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00280	H25.431	.00653	.03125	.08366	.00450	S21.118
SDev	.00026	.015	.00358	.00028	.00000	.00003	9.967
%RSD	9.2067	.05825	54.818	.90508	.00023	.57550	47.195
1	-.00298	H25.441	.00906	.03145	.08366	.00452	S28.166
2	-.00261	H25.420	.00400	.03105	.08366	.00448	S14.071

Elem	Cd3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	29.068	-.00017	.02156	.07025	.04464	H64.036	5.7430

SDev	.002	.00010	.00032	.00021	.00001	.092	.0294
%RSD	.00710	54.998	1.5045	.30678	.01041	.14442	.51174
#1	29.070	-.00024	.02179	.07040	.04464	H64.101	5.7222
#2	29.067	-.00011	.02133	.07009	.04464	H63.970	5.7638

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.7803	H8.7455	9.1679	.34374	-.00061	1.1342	L.95976
SDev	.3000	.0159	.0123	.00014	.00028	.0010	.02611
%RSD	6.2767	.18173	.13417	.04181	46.799	.08475	2.7207
#1	L4.5681	H8.7567	9.1766	.34384	-.00081	1.1349	L.94130
#2	L4.9925	H8.7343	9.1592	.34364	-.00041	1.1335	L.97822

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05355	.02397	.00241	-.00208	1.1762	2.5141	.00203
SDev	.00032	.00011	.00049	.00271	.0068	.0146	.00064
%RSD	.60391	.45205	20.219	130.22	.58036	.58058	31.427
#1	.05332	.02405	.00206	-.00400	1.1810	2.5244	.00158
#2	.05378	.02390	.00275	-.00017	1.1713	2.5038	.00248

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.27674	.00469	.05453	.11892	.01897	.02617	.00073
SDev	.00018	.00230	.00022	.00031	.00088	.00028	.00268
%RSD	.06447	48.986	.39631	.25959	4.6470	1.0608	368.30
#1	.27687	.00631	.05468	.11871	.01959	.02597	-.00117
#2	.27661	.00306	.05437	.11914	.01835	.02637	.00263

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00115	-.00310	-.00353
SDev	.00061	.00338	.00597
%RSD	53.228	109.07	169.15
#1	.00158	-.00071	-.00775
#2	.00072	-.00549	.00069

Method: TSOIL Sample Name: 941301S-001 MD Operator: WGL
Run Time: 06/03/94 10:57:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00329	H25.059	.00803	.03145	.08235	.00444	S21.120
SDev	.00070	.093	.00345	.00113	.00007	.00004	9.968
%RSD	21.391	.37182	42.942	3.5969	.08665	.81262	47.196
#1	-.00379	H24.993	.01046	.03065	.08240	.00446	S28.169
#2	-.00280	H25.125	.00559	.03225	.08230	.00441	S14.072

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	28.618	-.00014	.02049	.06898	.04459	H63.047	5.6208
SDev	.105	.00012	.00032	.00057	.00001	.168	.0223
%RSD	.36651	87.340	1.5831	.83311	.01915	.26627	.39700
#1	28.543	-.00023	.02072	.06938	.04458	H62.928	5.6366
#2	28.692	-.00005	.02026	.06857	.04460	H63.166	5.6051

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.7145	H8.6193	9.0356	.33859	.00040	1.1169	L.80650
SDev	.0718	.0312	.0205	.00092	.00113	.0010	.10449
%RSD	1.9337	.36157	.22690	.27039	282.78	.09378	12.956
#1	L3.7652	H8.5972	9.0211	.33794	-.00040	1.1162	L.88039
#2	L3.6637	H8.6413	9.0501	.33924	.00120	1.1177	L.73262

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05197	.02321	.00422	-.00102	1.1581	2.4755	.00008
SDev	.00046	.00125	.00176	.00281	.0077	.0165	.00128
%RSD	.88951	5.4018	41.736	275.63	.66725	.66742	1697.1
#1	.05164	.02233	.00547	-.00300	1.1636	2.4871	-.00083
#2	.05230	.02410	.00298	.00097	1.1526	2.4638	.00098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.27270	.00513	.05312	.11715	.01786	.02559	.00367
SDev	.00076	.00113	.00084	.00019	.00154	.00111	.00323
%RSD	.28030	21.936	1.5878	.16499	8.6178	4.3446	88.010
#1	.27216	.00434	.05252	.11702	.01677	.02480	.00595
#2	.27324	.00593	.05371	.11729	.01895	.02637	.00139

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00240	.00190	-.00442
SDev	.00103	.00731	.00034
%RSD	42.925	384.95	7.7873
#1	.00313	-.00327	-.00467
#2	.00167	.00707	-.00418

Method: TSOIL Sample Name: 941301S-001 PDSPIKE Operator: WGL
Run Time: 06/03/94 11:04:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10152	H26.737	2.0893	.96950	2.1907	.05456	S21.121
SDev	.00106	.005	.0072	.00434	.0023	.00007	9.968
%RSD	1.0443	.01993	.34446	.44743	.10692	.12900	47.195

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#1	.10227	H26.741	2.0944	.97257	2.1890	.05461	S28.170
#2	.10077	H26.733	2.0842	.96643	2.1923	.05451	S14.073

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	28.407	.04489	.51417	.26813	.30482	H63.432	5.6821
SDev	.005	.00001	.00011	.00065	.00000	.003	.0391
%RSD	.01815	.02644	.02103	.24110	.00008	.00537	.68870
#1	28.403	.04489	.51424	.26767	.30482	H63.430	5.7098
#2	28.411	.04490	.51409	.26859	.30482	H63.435	5.6544

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L5.0955	H8.5893	8.9945	.84454	.47983	1.1623	L1.0400
SDev	.3970	.0071	.0197	.00041	.00170	.0004	.0174
%RSD	7.7921	.08294	.21882	.04805	.35417	.03213	1.6699
#1	L5.3762	H8.5943	9.0084	.84425	.47863	1.1625	L1.0277
#2	L4.8147	H8.5843	8.9806	.84483	.48103	1.1620	L1.0522

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52706	.50753	1.0170	2.1038	5.9968	12.822	1.0314
SDev	.00087	.00089	.0012	.0061	.0309	.066	.0021
%RSD	.16553	.17520	.11485	.28794	.51487	.51514	.20608
#1	.52644	.50816	1.0178	2.1081	6.0187	12.869	1.0329
#2	.52767	.50690	1.0162	2.0995	5.9750	12.776	1.0299

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.3324	1.9557	.53296	.64055	.49643	.51247	1.0200
SDev	.0009	.0039	.00083	.00133	.00152	.00252	.0027
%RSD	.06830	.19711	.15622	.20811	.30668	.49118	.26457
#1	1.3317	1.9530	.53237	.64149	.49535	.51425	1.0219
#2	1.3330	1.9584	.53355	.63961	.49750	.51069	1.0181

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	1.0134	2.0856	2.1108
SDev	.0004	.0020	.0081
%RSD	.03987	.09534	.38324
#1	1.0137	2.0870	2.1166
#2	1.0131	2.0842	2.1051

Method: TSOIL Sample Name: 941301S-001 PDSPIKE Operator: WGL
Run Time: 06/03/94 11:04:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10152	H26.737	2.0893	.96950	2.1907	.05456	S21.121

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SDev	.00106	.005	.0072	.00434	.0023	.00007	9.968
%RSD	1.0443	.01993	.34446	.44743	.10692	.12900	47.195
#1	.10227	H26.741	2.0944	.97257	2.1890	.05461	S28.170
#2	.10077	H26.733	2.0842	.96643	2.1923	.05451	S14.073

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	28.407	.04489	.51417	.26813	.30482	H63.432	5.6821
SDev	.005	.00001	.00011	.00065	.00000	.003	.0391
%RSD	.01815	.02644	.02103	.24110	.00008	.00537	.68870
#1	28.403	.04489	.51424	.26767	.30482	H63.430	5.7098
#2	28.411	.04490	.51409	.26859	.30482	H63.435	5.6544

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L5.0955	H8.5893	8.9945	.84454	.47983	1.1623	L1.0400
SDev	.3970	.0071	.0197	.00041	.00170	.0004	.0174
%RSD	7.7921	.08294	.21882	.04805	.35417	.03213	1.6699
#1	L5.3762	H8.5943	9.0084	.84425	.47863	1.1625	L1.0277
#2	L4.8147	H8.5843	8.9806	.84483	.48103	1.1620	L1.0522

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52706	.50753	1.0170	2.1038	5.9968	12.822	1.0314
SDev	.00087	.00089	.0012	.0061	.0309	.066	.0021
%RSD	.16553	.17520	.11485	.28794	.51487	.51514	.20608
#1	.52644	.50816	1.0178	2.1081	6.0187	12.869	1.0329
#2	.52767	.50690	1.0162	2.0995	5.9750	12.776	1.0299

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.3324	1.9557	.53296	.64055	.49643	.51247	1.0200
SDev	.0009	.0039	.00083	.00133	.00152	.00252	.0027
%RSD	.06830	.19711	.15622	.20811	.30668	.49118	.26457
#1	1.3317	1.9530	.53237	.64149	.49535	.51425	1.0219
#2	1.3330	1.9584	.53355	.63961	.49750	.51069	1.0181

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	1.0134	2.0856	2.1108
SDev	.0004	.0020	.0081
%RSD	.03987	.09534	.38324
#1	1.0137	2.0870	2.1166
#2	1.0131	2.0842	2.1051

Method: TSOIL Sample Name: CCV 0511I Operator: WGL
Run Time: 06/03/94 11:06:00
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00230	9.2778	2.5973	2.3365	5.1838	2.4134	.98815
SDev	.00151	.0023	.0038	.0029	.0125	.0055	.01892
%RSD	65.448	.02437	.14643	.12503	.24089	.22658	1.9151
#1	-.00124	9.2794	2.6000	2.3344	5.1750	2.4095	1.0015
#2	-.00337	9.2762	2.5946	2.3385	5.1927	2.4172	.97477

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0476	.98249	2.5216	2.5631	2.6348	4.9674	9.4158
SDev	.0195	.00010	.0018	.0043	.0042	.0717	.1398
%RSD	1.8646	.01055	.07288	.16815	.15857	1.4427	1.4850
#1	1.0614	.98242	2.5203	2.5600	2.6319	5.0181	9.5147
#2	1.0338	.98256	2.5229	2.5661	2.6378	4.9168	9.3169

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	7.7712	2.4698	2.6709	5.1178	2.4016	.93880	.79912
SDev	.1466	.0047	.0074	.0081	.0146	.00291	.00877
%RSD	1.8869	.19138	.27634	.15803	.60736	.30939	1.0969
#1	7.8749	2.4731	2.6761	5.1120	2.3912	.93674	.79292
#2	7.6675	2.4665	2.6657	5.1235	2.4119	.94085	.80532

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4558	.97938	2.5163	2.5475	24.012	51.322	2.5693
SDev	.0029	.00351	.0041	.0011	.019	.041	.0099
%RSD	.11781	.35858	.16334	.04131	.07940	.07934	.38468
#1	2.4579	.97689	2.5192	2.5468	23.999	51.293	2.5623
#2	2.4538	.98186	2.5134	2.5483	24.025	51.351	2.5763

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.0516	.96192	2.4380	2.5964	.96683	.98474	2.5194
SDev	.0120	.00787	.0025	.0008	.00021	.00537	.0111
%RSD	.23773	.81836	.10243	.02912	.02215	.54553	.43943
#1	5.0431	.95636	2.4362	2.5959	.96698	.98095	2.5116
#2	5.0601	.96749	2.4397	2.5969	.96668	.98854	2.5272

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.5127	2.5138	2.5624
SDev	.0117	.0048	.0038
%RSD	.46521	.19176	.14722
#1	2.5209	2.5172	2.5597
#2	2.5044	2.5104	2.5651

Method: TSOIL Sample Name: CCV 0511L Operator: WGL

008707

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Run Time: 06/03/94 11:09:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5201	.00566	-.00131	.00320	-.00586	.00037	S16.192
SDev	.0063	.00325	.00004	.00028	.00429	.00002	.068
%RSD	.24983	57.369	2.9171	8.8723	73.176	6.1218	.42143
#1	2.5157	.00795	-.00133	.00300	-.00283	.00039	S16.144
#2	2.5246	.00336	-.00128	.00340	-.00890	.00036	S16.240

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	99.069	-.00023	-.00023	.00249	.00000	.05903	S1000.0
SDev	.383	.00027	.00216	.00194	.00000	.06813	93.5
%RSD	.38611	117.64	942.81	77.926	84.670	115.42	2.6344
#1	98.798	-.00042	.00130	.00386	.00000	.01085	S1000.0
#2	99.339	-.00004	-.00176	.00112	.00001	.10721	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	91.982	S194.16	100.21	.00178	.00150	S92.297	46.286
SDev	1.198	.11	.32	.00410	.00000	.000	.292
%RSD	1.3028	.05708	.32405	230.53	.00259	.00001	.63008
#1	91.135	S194.08	99.985	.00467	.00150	S92.297	46.080
#2	92.830	S194.24	100.44	-.00112	.00150	S92.297	46.493

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00032	.00169	.00332	-.00056	.00634	.01352	-.00203
SDev	.00066	.00002	.00038	.00427	.00365	.00784	.00425
%RSD	205.44	1.2500	11.541	758.75	57.586	57.968	209.51
#1	-.00078	.00167	.00359	.00245	.00376	.00798	-.00503
#2	.00014	.00170	.00305	-.00358	.00892	.01907	.00098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00226	.00259	.00104	-.00849	.00190	.00098	-.00289
SDev	.00404	.00684	.00062	.00197	.00235	.00078	.00187
%RSD	179.15	264.58	59.998	23.156	123.72	79.276	64.589
#1	.00512	-.00225	.00060	-.00710	.00355	.00043	-.00157
#2	-.00060	.00742	.00148	-.00988	.00024	.00153	-.00421

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00433	-.00507	-.00041
SDev	.00036	.00485	.00398
%RSD	8.2709	95.605	969.94
#1	.00407	-.00164	.00240
#2	.00458	-.00850	-.00322

008708

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Method: TSOIL Sample Name: CCB 0509U Operator: WGL
Run Time: 06/03/94 11:13:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00848	.01873	-.00133	.00047	-.00011	.00019	.00311
SDev	.00058	.00318	.00114	.00038	.00006	.00005	.00012
%RSD	6.8072	16.965	85.696	80.816	56.360	25.428	3.8553
#1	-.00889	.02097	-.00214	.00073	-.00007	.00022	.00320
#2	-.00807	.01648	-.00053	.00020	-.00015	.00015	.00303

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00432	-.00017	-.00252	-.00025	-.00000	-.00215	.02179
SDev	.00002	.00006	.00065	.00022	.00000	.01404	.00699
%RSD	.56054	35.211	25.713	84.853	636.84	653.64	32.092
#1	.00434	-.00013	-.00298	-.00041	-.00000	-.01208	.01684
#2	.00430	-.00022	-.00206	-.00010	.00000	.00778	.02673

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1681	.00243	.00928	-.00003	.00070	.00079	.06991
SDev	.7428	.00008	.00246	.00009	.00113	.00002	.00886
%RSD	63.593	3.3101	26.516	282.20	161.67	2.2667	12.680
#1	.64283	.00238	.00754	-.00010	.00150	.00080	.07618
#2	1.6933	.00249	.01102	.00003	-.00010	.00078	.06364

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00128	-.00037	.00219	.00053	-.00579	-.01237	-.00075
SDev	.00033	.00003	.00031	.00254	.00132	.00283	.00074
%RSD	25.961	9.4167	14.140	475.48	22.875	22.910	98.995
#1	-.00104	-.00039	.00197	-.00126	-.00485	-.01037	-.00128
#2	-.00151	-.00034	.00241	.00233	-.00672	-.01438	-.00023

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00003	.00273	-.00015	-.00109	-.00042	-.00064	.00197
SDev	.00004	.00093	.00021	.00037	.00075	.00043	.00002
%RSD	140.76	34.258	141.80	33.770	179.29	66.744	1.1232
#1	-.00000	.00339	-.00030	-.00135	.00011	-.00094	.00199
#2	-.00005	.00207	.00000	-.00083	-.00095	-.00034	.00195

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00035	-.00019	-.00120
SDev	.00026	.00182	.00290
%RSD	75.160	942.41	241.46

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#1	.00016	-.00148	-.00325
#2	.00054	.00110	.00085

Method: TSOIL Sample Name: 941301S-001 MS PIKES Operator: WGL
Run Time: 06/03/94 11:15:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02498	H49.420	.42678	.20758	.53306	.01818	S24.457
SDev	.00037	.257	.00286	.00113	.00293	.00000	11.564
%RSD	1.4886	.52079	.66930	.54480	.54928	.00249	47.283
#1	.02472	H49.238	.42476	.20678	.53099	.01818	S32.635
#2	.02524	H49.602	.42880	.20838	.53513	.01818	S16.280

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	50.953	.00913	.12361	.15126	.09979	H72.869	8.1583
SDev	.342	.00022	.00043	.00057	.00211	.454	.3443
%RSD	.67197	2.4612	.34983	.37991	2.1177	.62340	4.2206
#1	50.711	.00897	.12330	.15085	.09830	H72.548	7.9148
#2	51.195	.00929	.12392	.15166	.10129	H73.190	8.4018

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.0967	H11.873	12.342	.48987	.08182	1.2674	L1.3552
SDev	.5632	.054	.080	.00265	.00113	.0073	.0919
%RSD	6.1915	.45501	.64451	.54117	1.3809	.57678	6.7815
#1	L8.6984	H11.835	12.286	.48800	.08102	1.2622	L1.2902
#2	L9.4949	H11.911	12.398	.49174	.08262	1.2726	L1.4202

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15781	.12400	.04945	.42206	1.6063	3.4329	.20402
SDev	.00017	.00027	.00112	.00567	.0069	.0148	.00340
%RSD	.11016	.21579	2.2650	1.3427	.43230	.43230	1.6668
#1	.15768	.12381	.05024	.41805	1.6014	3.4224	.20643
#2	.15793	.12419	.04866	.42607	1.6113	3.4434	.20162

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.54189	.41207	.18588	.23947	.11492	.12793	.04662
SDev	.00302	.00126	.00141	.00184	.00248	.00122	.00360
%RSD	.55807	.30647	.76042	.76989	2.1606	.95107	7.7139
#1	.53976	.41296	.18688	.23817	.11667	.12707	.04408
#2	.54403	.41118	.18488	.24078	.11316	.12879	.04917

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.04876	.42494	.41868

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SDev	.00347	.00095	.00781
%RSD	7.1261	.22252	1.8660
#1	.05122	.42427	.41315
#2	.04630	.42561	.42420

Method: TSOIL Sample Name: 941301S-001 25 S.D. Operator: WGL
Run Time: 06/03/94 11:17:27
Comment: 5X SERIAL DILUTION OF 5X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00871	5.1514	.00174	.00738	.01674	.00108	S32.888
SDev	.00061	.0085	.00209	.00019	.00000	.00007	.000
%RSD	7.0455	.16437	120.56	2.5548	.00171	6.5705	.00025
#1	-.00914	5.1454	.00322	.00752	.01674	.00113	S32.888
2	-.00828	5.1574	.00026	.00725	.01674	.00103	S32.888

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.8929	-.00026	.00183	.01427	.00953	H13.075	1.0369
SDev	.0031	.00024	.00011	.00050	.00000	.012	.0164
%RSD	.05253	92.390	5.8926	3.5230	.00679	.09455	1.5862
#1	5.8907	-.00009	.00191	.01392	.00953	H13.066	1.0485
#2	5.8951	-.00043	.00176	.01463	.00953	H13.084	1.0252

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L1.9056	1.7315	L1.8771	.06958	.00044	.20739	L.36240
SDev	.1985	.0011	.0049	.00018	.00085	.00023	.18116
%RSD	10.415	.06108	.26213	.26007	193.59	.11314	49.987
#1	L2.0459	1.7308	L1.8736	.06945	-.00016	.20756	L.49050
#2	L1.7653	1.7323	L1.8805	.06971	.00104	.20723	L.23431

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01008	.00565	-.00001	.00160	.23270	.49739	.00053
SDev	.00051	.00011	.00186	.00351	.00290	.00622	.00234
%RSD	5.0660	1.8681	17507.	219.23	1.2481	1.2505	444.47
#1	.00972	.00572	-.00132	-.00088	.23475	.50179	-.00113
#2	.01044	.00557	.00130	.00409	.23065	.49300	.00218

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05597	.00197	.01113	.02635	.00445	.00535	-.00147
SDev	.00009	.00267	.00000	.00008	.00052	.00042	.00107
RSD	.15925	135.67	.02136	.29809	11.580	7.7681	72.702
#1	.05591	.00386	.01113	.02640	.00408	.00564	-.00071
#2	.05604	.00008	.01114	.02629	.00481	.00505	-.00222

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00138	.00081	-.00010
SDev	.00332	.00066	.00560
%RSD	239.66	81.795	5593.9
#1	-.00373	.00128	-.00406
#2	.00096	.00034	.00386

008712

Method: TSOIL Sample Name: 941301S-001 4900 Operator: WGL
Run Time: 06/03/94 11:19:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00922	2.6401	.00008	.00306	.00864	.00068	H3.4916
SDev	.00048	.0021	.00276	.00009	.00000	.00005	.0039
%RSD	5.2168	.08006	3399.4	3.0830	.00002	7.0543	.11134
#1	-.00888	2.6416	.00203	.00299	.00864	.00071	H3.4888
#2	-.00956	2.6386	-.00187	.00312	.00864	.00065	H3.4943

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.0086	-.00021	.00008	.00742	.00477	6.6650	.54281
SDev	.0000	.00004	.00022	.00029	.00209	.0166	.08673
%RSD	.00081	20.383	282.84	3.8746	43.775	.24904	15.978
#1	3.0086	-.00018	.00023	.00721	.00330	6.6767	.60414
#2	3.0086	-.00024	-.00008	.00762	.00625	6.6532	.48148

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L1.6670	.87843	L.96144	.03561	.00127	.10643	L.27935
SDev	.6932	.00021	.00574	.00004	.00028	.00169	.02566
%RSD	41.587	.02448	.59707	.12218	22.298	1.5925	9.1863
#1	L2.1572	.87828	L.96550	.03558	.00147	.10763	L.29750
#2	L1.1768	.87858	L.95738	.03564	.00107	.10524	L.26120

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00504	.00373	.00040	.00032	.11733	.25078	-.00023
SDev	.00032	.00089	.00356	.00341	.00078	.00168	.00213
%RSD	6.3286	23.890	894.42	1079.5	.66710	.66927	942.81
#1	.00526	.00436	-.00212	.00273	.11788	.25197	-.00173
#2	.00481	.00310	.00292	-.00209	.11677	.24959	.00128

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02846	.00186	.00558	.01548	.00247	.00376	-.00011
SDev	.00004	.00399	.00000	.00007	.00142	.00105	.00394
%RSD	.12540	213.78	.01169	.48180	57.175	28.042	3748.0

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#1	.02848	-.00095	.00558	.01543	.00348	.00450	-.00289
#2	.02843	.00468	.00558	.01553	.00147	.00301	.00268

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00145	.00003	-.00164
SDev	.00338	.00022	.00500
%RSD	233.08	736.02	304.64
#1	-.00384	.00019	.00189
#2	.00094	-.00013	-.00518

Method: TSOIL Sample Name: 941301S-001 MD Operator: WGL
Run Time: 06/03/94 11:20:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00894	2.4476	-.00105	.00306	.00643	.00063	H3.1538
SDev	.00049	.0011	.00150	.00066	.00216	.00000	.0019
%RSD	5.4952	.04301	143.30	21.579	33.546	.08820	.05885
#1	-.00929	2.4469	-.00211	.00259	.00796	.00062	H3.1525
#2	-.00860	2.4484	.00001	.00353	.00491	.00063	H3.1551

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.7970	-.00031	-.00031	.00691	.00327	6.1970	.43202
SDev	.0031	.00017	.00076	.00057	.00000	.0000	.05208
%RSD	.10913	53.100	247.49	8.3189	.00017	.00053	12.054
#1	2.7948	-.00020	-.00084	.00650	.00327	6.1970	.46884
#2	2.7991	-.00043	.00023	.00731	.00327	6.1970	.39520

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L2.9549	.81471	L.89533	.03309	.00127	.09543	L.35460
SDev	.9085	.00019	.00410	.00005	.00028	.00137	.07742
%RSD	30.744	.02354	.45797	.13547	22.258	1.4338	21.832
#1	L2.3125	.81485	L.89243	.03306	.00107	.09446	L.29986
#2	L3.5973	.81458	L.89823	.03312	.00147	.09639	L.40935

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00473	.00243	-.00024	.00003	.10408	.22245	-.00023
SDev	.00007	.00038	.00344	.00387	.00290	.00621	.00000
%RSD	1.4784	15.855	1415.4	12603.	2.7850	2.7911	.00000
#1	.00478	.00270	-.00268	-.00271	.10613	.22684	-.00023
#2	.00468	.00216	.00219	.00277	.10203	.21806	-.00023

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02650	.00379	.00539	.01530	.00261	.00174	-.00621

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SDev	.00004	.00423	.00021	.00030	.00074	.00021	.00164
%RSD	.13437	111.54	3.8803	1.9333	28.263	12.390	26.404
#1	.02647	.00080	.00524	.01550	.00313	.00159	-.00736
#2	.02652	.00678	.00554	.01509	.00209	.00189	-.00505

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00063	-.00100	-.00155
SDev	.00434	.00138	.00649
%RSD	684.90	137.58	418.33
#1	-.00244	-.00003	-.00614
#2	.00371	-.00198	.00304

Method: TSOIL Sample Name: 941301S-001 PDSPIKE Operator: WGL
Run Time: 06/03/94 11:29:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09669	4.4664	2.1154	.96237	2.1941	.05200	H3.3340
SDev	.00754	.0064	.0002	.00245	.0032	.00003	.0030
%RSD	7.8013	.14291	.00721	.25477	.14612	.04793	.09052
#1	.09136	4.4619	2.1155	.96410	2.1919	.05202	H3.3319
#2	.10203	4.4709	2.1153	.96063	2.1964	.05198	H3.3361

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.9202	.04687	.52105	.22069	.28276	7.4792	.63408
SDev	.0031	.00001	.00097	.00050	.00627	.0153	.03495
%RSD	.10486	.01757	.18673	.22784	2.2179	.20519	5.5120
#1	2.9180	.04687	.52036	.22034	.28720	7.4900	.60937
#2	2.9224	.04688	.52173	.22105	.27833	7.4683	.65880

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.3634	.86706	L.95970	.57792	.49592	.13401	L.55132
SDev	.6279	.00078	.00328	.00009	.00085	.00053	.02579
%RSD	14.390	.08970	.34180	.01532	.17135	.39865	4.6787
#1	L3.9194	.86761	L.96202	.57786	.49652	.13363	L.53308
#2	L4.8074	.86651	L.95738	.57798	.49532	.13439	L.56955

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.53822	.51496	.18565	2.1601	5.0993	10.904	.18832
SDev	.00075	.00157	.00198	.0179	.0056	.012	.00330
%RSD	.13983	.30552	1.0689	.83006	.10890	.10886	1.7494
#1	.53768	.51607	.18706	2.1728	5.0954	10.896	.19065
#2	.53875	.51385	.18425	2.1475	5.1033	10.912	.18599

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Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1289	2.0263	.50194	.56448	.50491	.51968	.18432
SDev	.0005	.0115	.00083	.00006	.00695	.00583	.00664
%RSD	.04426	.56610	.16548	.01127	1.3770	1.1218	3.6015
#1	1.1285	2.0344	.50253	.56453	.49999	.52380	.18902
#2	1.1292	2.0182	.50135	.56444	.50983	.51556	.17963

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.18437	2.1239	2.1761
SDev	.00013	.0018	.0260
%RSD	.06884	.08583	1.1935
#1	.18428	2.1252	2.1945
#2	.18446	2.1226	2.1578

Method: TSOIL Sample Name: 941301S-001 250 S.D. Operator: WGL
Run Time: 06/03/94 11:31:24
Comment: 5X SERIAL DILUTION OF 50X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00936	.54209	-.00121	.00333	.00180	.00033	.53691
SDev	.00012	.00001	.00074	.00085	.00012	.00002	.00053
%RSD	1.2826	.00125	61.256	25.469	6.8650	7.0879	.09863
#1	-.00945	.54209	-.00174	.00393	.00171	.00035	.53728
#2	-.00928	.54210	-.00069	.00273	.00188	.00031	.53653

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.59829	-.00029	-.00191	.00157	-.00289	1.3158	.12581
SDev	.00102	.00018	.00000	.00021	.00000	.0030	.01111
%RSD	.17054	61.822	.00000	13.686	.00493	.22740	8.8274
#1	L.59901	-.00016	-.00191	.00142	-.00289	1.3137	.11796
#2	L.59756	-.00041	-.00191	.00173	-.00289	1.3179	.13366

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L2.6090	.17230	L.20180	.00693	.00099	.01734	L.25470
SDev	.3304	.00022	.00082	.00005	.00156	.00015	.09925
%RSD	12.664	.12594	.40639	.64424	156.58	.88470	38.968
#1	L2.8426	.17214	L.20238	.00696	.00210	.01723	L.18452
#2	L2.3753	.17245	L.20122	.00690	-.00011	.01745	L.32488

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00068	.00100	-.00007	.00270	.02261	.04834	-.00143
SDev	.00020	.00004	.00188	.00333	.00158	.00338	.00170
%RSD	28.890	3.9916	2624.7	123.20	7.0046	7.0031	119.09

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#1	.00054	.00097	-.00140	.00035	.02149	.04594	-.00263
#2	.00082	.00103	.00126	.00506	.02373	.05073	-.00023
Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00566	.00209	.00144	.00538	-.00071	.00156	-.00024
SDev	.00004	.00277	.00021	.00037	.00007	.00010	.00154
%RSD	.62986	133.02	14.503	6.8398	10.406	6.2186	652.61
#1	.00569	.00012	.00129	.00512	-.00066	.00149	-.00133
#2	.00564	.00405	.00158	.00564	-.00076	.00162	.00085

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00209	-.00456	.00423
SDev	.00205	.00061	.00529
%RSD	98.357	13.303	125.16
#1	-.00354	-.00413	.00049
#2	-.00064	-.00499	.00797

Method: TSOIL **Sample Name: 941293S-004 98** **Operator: WGL**
Run Time: 06/03/94 11:32:44
Comment:
Mode: CONC **Corr. Factor: 1**

Elem	**Ag3280**	**Al3082**	**As1890**	**B_2496**	**Ba4934**	**Be3130**	**Ca3968**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00410	H42.398	.06043	.04237	.32657	.00758	S-.01122
SDev	.00025	.174	.00131	.00038	.00050	.00001	.00003
%RSD	6.0627	.40956	2.1740	.89308	.15352	.06549	.25250
#1	.00392	H42.276	.05950	.04263	.32621	.00758	S-.01120
#2	.00428	H42.521	.06135	.04210	.32692	.00758	S-.01124

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	262.19	.00596	.02202	.08995	.11004	H67.785	9.7190
SDev	.91	.00011	.00054	.00108	.00001	.246	.2367
%RSD	.34828	1.8515	2.4552	1.1978	.01185	.36268	2.4353
#1	261.54	.00588	.02163	.08919	.11004	H67.612	9.5517
#2	262.83	.00604	.02240	.09071	.11005	H67.959	9.8864

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L14.112	H8.7981	8.9133	1.4882	.00290	H3.0999	L2.4220
SDev	.089	.0333	.0328	.0047	.00043	.0095	.2116
%RSD	.63111	.37862	.36802	.31284	14.743	.30514	8.7377
#1	L14.049	H8.7746	8.8901	1.4849	.00320	H3.0932	L2.2724
#2	L14.175	H8.8217	8.9365	1.4915	.00259	H3.1065	2.5716

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.07307	1.6628	.01836	.00376	3.8973	8.3342	.02623

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SDev	.00052	.0051	.00310	.00601	.0126	.0269	.00170
%RSD	.71414	.30540	16.892	159.63	.32269	.32255	6.4835
#1	.07270	1.6664	.01617	.00801	3.8884	8.3152	.02502
#2	.07344	1.6592	.02055	-.00048	3.9062	8.3532	.02743

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.89279	.00500	.11951	.68367	1.6248	1.6815	.02159
SDev	.00178	.00188	.00023	.00218	.0030	.0061	.00584
%RSD	.19906	37.550	.19363	.31830	.18633	.36289	27.060
#1	.89154	.00633	.11934	.68213	1.6270	1.6858	.02572
#2	.89405	.00367	.11967	.68521	1.6227	1.6772	.01746

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01480	.01085	-.00188
SDev	.00736	.00256	.00773
%RSD	49.706	23.602	411.74
#1	.00960	.01266	.00359
#2	.02000	.00904	-.00734

Method: TSOIL Sample Name: 941293S-004 MD Operator: WGL
Run Time: 06/03/94 11:35:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00123	H35.688	.05772	.03550	.31817	.00661	S-.01031
SDev	.00061	.036	.00057	.00028	.00003	.00002	.00001
%RSD	49.703	.10090	.98964	.79691	.00866	.31659	.08495
#1	.00166	H35.663	.05732	.03530	.31818	.00662	S-.01031
#2	.00080	H35.714	.05812	.03570	.31815	.00659	S-.01032

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	256.18	.00571	.02041	.07974	.10989	H64.794	8.1907
SDev	.30	.00013	.00022	.00014	.00000	.002	.0845
%RSD	.11641	2.2981	1.0593	.18016	.00011	.00331	1.0311
#1	255.96	.00562	.02056	.07984	.10989	H64.796	8.1310
#2	256.39	.00581	.02026	.07964	.10989	H64.793	8.2505

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L11.175	H7.8769	7.9768	1.4754	.00268	H3.0326	L2.2571
SDev	.165	.0043	.0074	.0001	.00000	.0028	.0076
%RSD	1.47397	.05513	.09252	.00613	.01615	.09334	.33581
#1	L11.058	H7.8738	7.9716	1.4755	.00268	H3.0306	L2.2518
#2	L11.291	H7.8800	7.9820	1.4753	.00268	H3.0346	L2.2625

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Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06749	1.6435	.02063	-.00013	4.6328	9.9076	.02382
SDev	.00066	.0033	.00311	.00062	.0082	.0175	.00340
%RSD	.97633	.20247	15.061	460.79	.17660	.17666	14.276
#1	.06795	1.6411	.01843	-.00057	4.6270	9.8953	.02623
#2	.06702	1.6458	.02283	.00030	4.6386	9.9200	.02142

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.88003	.00739	.10704	.66222	1.6094	1.6599	.02375
SDev	.00015	.00100	.00042	.00067	.0044	.0032	.00131
%RSD	.01715	13.461	.38854	.10085	.27365	.19363	5.5377
#1	.88013	.00668	.10733	.66174	1.6062	1.6576	.02468
#2	.87992	.00809	.10674	.66269	1.6125	1.6622	.02282

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01697	.00136	-.00298
SDev	.00532	.00695	.00440
%RSD	31.315	512.94	147.68
#1	.01321	.00627	-.00608
#2	.02073	-.00356	.00013

Method: TSOIL Sample Name: 941293S-004 980 Operator: WGL
Run Time: 06/03/94 11:37:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00853	4.3417	.00631	.00456	.03268	.00099	S24.560
SDev	.00074	.0339	.00404	.00207	.00014	.00003	11.586
%RSD	8.7099	.78071	63.919	45.463	.41878	2.6410	47.174
#1	-.00905	4.3657	.00917	.00603	.03278	.00101	S32.753
#2	-.00800	4.3178	.00346	.00310	.03258	.00097	S16.368

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	25.702	.00041	.00038	.00919	.00924	6.9749	.88639
SDev	.187	.00019	.00043	.00007	.00000	.0567	.05295
%RSD	.72821	46.100	113.14	.78134	.03257	.81275	5.9734
#1	25.834	.00027	.00008	.00914	.00924	7.0149	.84895
#2	25.569	.00054	.00069	.00924	.00924	6.9348	.92383

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.9106	.84503	L.91968	.15175	.00105	.26858	L.51409
SDev	.1346	.00439	.00082	.00109	.00057	.00536	.03802
%RSD	3.4428	.51931	.08917	.71498	54.018	1.9950	7.3960

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#1	L3.8154	.84813	L.92026	.15252	.00065	.27237	L.54097
#2	L4.0058	.84192	L.91910	.15098	.00145	.26479	L.48720

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00768	.17235	.00010	.00379	.38483	.82295	.00263
SDev	.00058	.00205	.00056	.00099	.00552	.01180	.00106
%RSD	7.5941	1.1890	551.05	26.169	1.4340	1.4345	40.406
#1	.00810	.17380	.00050	.00449	.38873	.83129	.00188
#2	.00727	.17090	-.00029	.00309	.38093	.81460	.00338

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09057	.00362	.01134	.07223	.16571	.17476	-.00038
SDev	.00067	.00088	.00062	.00058	.00193	.00211	.00190
%RSD	.74299	24.162	5.4546	.80342	1.1633	1.2073	503.39
1	.09105	.00424	.01090	.07264	.16707	.17625	-.00172
2	.09010	.00300	.01177	.07182	.16435	.17327	.00097

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00176	-.00279	.00498
SDev	.00179	.00805	.00551
%RSD	101.57	288.61	110.68
#1	-.00050	-.00849	.00887
#2	-.00302	.00290	.00108

Method: TSOIL Sample Name: 941293S-004 MD Operator: WGL
Run Time: 06/03/94 11:38:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00858	3.7401	.00560	.00376	.03283	.00093	S24.562
SDev	.00004	.0201	.00025	.00038	.00028	.00003	11.592
%RSD	.43849	.53820	4.4199	10.025	.85449	2.8050	47.193
#1	-.00860	3.7544	.00543	.00403	.03263	.00095	S32.759
#2	-.00855	3.7259	.00578	.00350	.03303	.00091	S16.366

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	25.983	.00037	.00023	.00823	.00923	6.8412	.72472
SDev	.033	.00001	.00022	.00029	.00000	.0004	.06730
%RSD	.12669	2.5955	94.281	3.4919	.00063	.00629	9.2869
1	26.006	.00036	.00038	.00843	.00923	6.8415	.67713
2	25.959	.00038	.00008	.00803	.00923	6.8409	.77231

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.5190	.78015	L.85126	.15431	.00136	.26166	L.49282

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SDev	.2974	.00420	.00246	.00022	.00014	.00052	.06045
%RSD	8.4511	.53801	.28902	.14569	10.453	.19791	12.266
#1	L3.3087	.78312	L.85300	.15447	.00126	.26202	L.45007
#2	L3.7293	.77718	L.84952	.15415	.00146	.26129	L.53556

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	Si02	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00710	.17296	-.00023	-.00059	.47110	1.0075	.00113
SDev	.00047	.00056	.00137	.00163	.00449	.0096	.00191
%RSD	6.6103	.32169	583.44	276.63	.95285	.95259	169.71
#1	.00677	.17335	.00073	.00056	.47427	1.0143	-.00023
#2	.00743	.17256	-.00120	-.00174	.46793	1.0007	.00248

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09146	.00474	.01147	.07205	.17038	.17365	-.00075
SDev	.00009	.00217	.00000	.00030	.00067	.00008	.00065
%RSD	.09657	45.744	.00694	.41296	.39185	.04424	87.352
#1	.09152	.00627	.01147	.07226	.17085	.17370	-.00029
#2	.09140	.00320	.01147	.07183	.16990	.17359	.00121

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00208	-.00224	-.00172
SDev	.00172	.00232	.00150
%RSD	82.904	103.81	87.294
#1	-.00086	-.00059	-.00066
#2	-.00329	-.00388	-.00278

Operator: WGL

Method: TSOIL Sample Name: CCV 0511I
Run Time: 06/03/94 11:42:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00585	9.3259	2.6091	2.3519	5.2387	2.4479	.98210
SDev	.00016	.0201	.0068	.0041	.0046	.0043	.00166
%RSD	2.6974	.21552	.26204	.17233	.08709	.17552	.16869
#1	-.00573	9.3117	2.6042	2.3491	5.2355	2.4449	.98093
#2	-.00596	9.3401	2.6139	2.3548	5.2420	2.4510	.98327

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0417	.99267	2.5324	2.5863	2.6452	4.9621	9.5873
SDev	.0010	.00043	.0071	.0037	.0063	.0068	.0340
%RSD	.09841	.04343	.28176	.14164	.23711	.13706	.35502
#1	1.0410	.99237	2.5273	2.5837	2.6408	4.9572	9.5632
#2	1.0424	.99298	2.5374	2.5889	2.6496	4.9669	9.6114

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Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.8963	2.4859	2.7057	5.1675	2.4200	.95338	1.2301
SDev	.1150	.0035	.0008	.0071	.0035	.00220	.1212
%RSD	1.1618	.14061	.03032	.13665	.14629	.23121	9.8486
#1	9.8150	2.4834	2.7051	5.1625	2.4175	.95182	1.3158
#2	9.9776	2.4884	2.7063	5.1724	2.4225	.95494	1.1445

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4855	.98636	2.5243	2.5634	24.187	51.695	2.5857
SDev	.0004	.00395	.0013	.0015	.046	.099	.0064
%RSD	.01683	.40024	.05312	.06008	.19216	.19220	.24660
#1	2.4858	.98916	2.5233	2.5623	24.154	51.625	2.5812
#2	2.4852	.98357	2.5252	2.5645	24.219	51.765	2.5903

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.0912	.97329	2.4617	2.6111	.96832	.99447	2.5259
SDev	.0059	.00339	.0002	.0052	.00121	.00532	.0032
%RSD	.11566	.34847	.00886	.19774	.12498	.53442	.12667
#1	5.0871	.97089	2.4615	2.6074	.96918	.99823	2.5236
#2	5.0954	.97569	2.4618	2.6147	.96747	.99071	2.5281

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.5214	2.5187	2.5836
SDev	.0004	.0072	.0013
%RSD	.01638	.28696	.05030
#1	2.5211	2.5136	2.5845
#2	2.5217	2.5238	2.5827

Method: TSOIL Sample Name: CCV 0511L Operator: WGL
Run Time: 06/03/94 11:43:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5206	.01386	-.00122	.00900	-.00847	.00056	S16.138
SDev	.0044	.00842	.00343	.00377	.00050	.00014	.000
%RSD	.17417	60.748	280.29	41.905	5.8994	25.657	.00126
#1	2.5237	.01982	.00120	.01167	-.00812	.00066	S16.138
#2	2.5175	.00791	-.00365	.00633	-.00882	.00046	S16.138

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	99.198	-.00013	-.00222	.00061	-.00148	-.00887	S1000.0
SDev	.265	.00030	.00022	.00014	.00209	.01746	1.2
%RSD	.26745	235.49	9.7532	23.570	141.30	196.82	.03409

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#1	99.386	.00008	-.00206	.00071	-.00296	.00347	S1000.0
#2	99.010	-.00034	-.00237	.00051	-.00000	-.02121	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	94.814	S194.06	100.62	-.00098	.00591	S92.297	46.743
SDev	.192	.00	.30	.00013	.00340	.000	.163
%RSD	.20206	.00162	.29829	12.892	57.529	.00001	.34854
#1	94.949	S194.06	100.83	-.00089	.00831	S92.297	46.858
#2	94.678	S194.06	100.41	-.00107	.00350	S92.297	46.628

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00017	.00290	-.00313	.00056	.01662	.03554	.00075
SDev	.00025	.00029	.00446	.00101	.01662	.03555	.00138
%RSD	148.29	10.055	142.70	181.86	100.02	100.04	183.85
#1	.00034	.00311	-.00628	-.00016	.02837	.06067	.00173
2	-.00001	.00270	.00003	.00127	.00486	.01040	-.00023

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00045	.00203	.00074	-.00982	.00182	.00284	-.00343
SDev	.00014	.00287	.00021	.00010	.00151	.00161	.00820
%RSD	30.319	141.68	28.034	1.0391	83.000	56.763	239.27
#1	-.00035	.00406	.00059	-.00989	.00075	.00399	-.00923
#2	-.00054	-.00000	.00088	-.00975	.00288	.00170	.00237

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00508	-.00551	.00148
SDev	.00259	.00116	.00209
%RSD	51.112	21.071	141.23
#1	-.00691	-.00468	.00000
#2	-.00324	-.00633	.00296

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Method: TSOIL Sample Name: CCB 0509U Operator: WGL
Run Time: 06/03/94 11:44:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00940	.02545	-.00117	.00227	-.00015	.00022	.00494
SDev	.00037	.00213	.00069	.00028	.00000	.00005	.00193
%RSD	3.9409	8.3724	58.526	12.478	.12420	20.750	39.162
#1	-.00966	.02696	-.00166	.00247	-.00015	.00026	.00630
2	-.00914	.02395	-.00069	.00207	-.00015	.00019	.00357

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00716	-.00021	-.00252	-.00015	-.00148	-.00131	.02978

SDev	.00206	.00016	.00043	.00007	.00209	.00510	.02391
%RSD	28.766	77.617	17.142	47.140	141.43	389.50	80.304
#1	.00862	-.00032	-.00283	-.00020	-.00296	-.00491	.04669
#2	.00570	-.00009	-.00222	-.00010	.00000	.00229	.01287

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.8850	.00424	.01914	-.00006	.00160	.00791	.31649
SDev	.1648	.00215	.00656	.00004	.00071	.00154	.06476
%RSD	5.7118	50.757	34.284	68.684	44.201	19.430	20.463
#1	2.7684	.00576	.02377	-.00003	.00210	.00900	.36228
#2	3.0015	.00272	.01450	-.00010	.00110	.00683	.27069

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00072	.00123	-.00048	-.00198	-.00075	-.00160	-.00195
SDev	.00047	.00154	.00053	.00148	.00211	.00452	.00074
%RSD	65.622	124.36	109.66	74.795	282.79	283.28	38.075
#1	-.00105	H.00232	-.00011	-.00093	.00075	.00160	-.00248
#2	-.00038	.00015	-.00085	-.00303	-.00224	-.00479	-.00143

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00005	.00117	.00029	-.00088	.00287	-.00018	-.00069
SDev	.00000	.00315	.00083	.00007	.00298	.00039	.00201
%RSD	.11141	269.37	283.55	7.6734	103.80	215.91	292.07
#1	-.00005	-.00106	-.00029	-.00093	.00498	.00010	-.00211
#2	-.00005	.00340	.00088	-.00084	.00076	-.00046	.00073

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00233	-.00492	-.00261
SDev	.00201	.00265	.00090
%RSD	86.332	53.895	34.351
#1	-.00091	-.00304	-.00198
#2	-.00375	-.00679	-.00325

Method: TSOIL Sample Name: 941293S-006 100 Operator: WGL
Run Time: 06/03/94 11:47:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00809	H64.714	.06968	.04342	.57452	.01282	S-.01409
SDev	.00098	1.490	.00548	.00139	.01236	.00024	.00018
%RSD	12.153	2.3030	7.8696	3.1942	2.1519	1.8708	1.2664
#1	.00878	H63.660	.06580	.04244	1.56578	.01265	S-.01397
#2	.00739	H65.768	.07355	.04440	.58327	.01299	S-.01422

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H386.89	.00113	.06085	.12957	.08343	H174.51	13.968
SDev	8.33	.00021	.00054	.00180	.00021	3.79	1.506
%RSD	2.1535	18.223	.88833	1.3859	.24847	2.1727	10.779
#1	H380.99	.00098	.06047	.12830	.08328	H171.83	12.903
#2	H392.78	.00127	.06123	.13084	.08358	H177.20	15.033

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L19.121	H12.609	12.597	4.9804	.00473	H3.0384	L2.2131
SDev	.096	.307	.272	.1094	.00115	.0691	.1359
%RSD	.50377	2.4360	2.1614	2.1963	24.325	2.2745	6.1394
#1	L19.189	H12.392	12.404	4.9030	.00554	H2.9895	L2.3092
#2	L19.053	H12.827	12.789	5.0577	.00392	H3.0872	L2.1170

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15076	.09447	-.00066	-.00240	4.2554	9.0986	.01525
SDev	.00319	.00080	.00175	.00137	.0919	.1965	.00213
%RSD	2.1167	.84544	266.93	57.179	2.1593	2.1595	13.933
#1	.14850	.09503	-.00190	-.00338	4.1905	8.9597	.01375
#2	.15301	.09390	.00058	-.00143	4.3204	9.2376	.01676

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.84378	.01155	.21928	.36646	.07944	.10137	.00680
SDev	.01817	.00140	.00490	.00998	.00009	.00073	.00055
%RSD	2.1533	12.168	2.2326	2.7230	.11413	.71824	8.0573
#1	.83093	.01056	.21582	.35940	.07950	.10189	.00719
#2	.85662	.01254	.22274	.37351	.07938	.10086	.00641

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00633	.00470	-.00805
SDev	.00269	.00134	.00273
%RSD	42.520	28.483	33.904
#1	-.00823	.00565	-.00998
#2	-.00443	.00375	-.00612

Method: TSOIL Sample Name: 941293S-006 MS PIKE Operator: WGL
Run Time: 06/03/94 11:51:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.13267	H135.86	2.1245	.98350	2.7042	.07271	S-.02299
SDev	.00014	.02	.0086	.00056	.0049	.00022	.00001
%RSD	.10144	.01791	.40690	.05742	.18186	.30307	.02972

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#1	.13257	H135.88	2.1306	.98390	2.7077	.07286	S-.02299
#2	.13276	H135.84	2.1184	.98310	2.7008	.07255	S-.02300

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H281.48	.04511	.54428	.39628	.33865	H194.23	25.200
SDev	.17	.00014	.00054	.00029	.00001	.11	.201
%RSD	.06210	.31862	.09931	.07250	.00186	.05791	.79895
#1	H281.36	.04522	.54467	.39607	.33865	H194.31	25.058
#2	H281.61	.04501	.54390	.39648	.33864	H194.15	25.343

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L23.235	S194.74	19.320	5.0825	.46420	H3.7998	2.8650
SDev	.367	.00	.001	.0041	.00071	.0014	.0214
%RSD	1.5799	.00017	.00425	.08163	.15247	.03578	.74535
#1	L22.975	S194.74	19.321	5.0854	.46470	H3.8008	2.8499
2	L23.494	S194.74	19.320	5.0795	.46370	H3.7989	2.8801

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.64617	.55801	.51428	2.0761	4.6278	9.8908	.98886
SDev	.00156	.00063	.00089	.0109	.0024	.0052	.00106
%RSD	.24120	.11280	.17335	.52676	.05238	.05238	.10747
#1	.64507	.55756	.51491	2.0684	4.6261	9.8871	.98811
#2	.64728	.55845	.51365	2.0838	4.6295	9.8944	.98961

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.7061	1.9315	.79007	.91178	.52397	.57470	.52538
SDev	.0024	.0120	.00146	.00021	.00087	.00051	.00230
%RSD	.14043	.62067	.18510	.02331	.16687	.08824	.43815
#1	1.7078	1.9400	.79111	.91193	.52336	.57434	.52375
#2	1.7044	1.9230	.78904	.91163	.52459	.57506	.52701

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.50665	2.0411	2.0915
SDev	.00249	.0063	.0133
%RSD	.49067	.30799	.63389
#1	.50840	2.0367	2.0821
#2	.50489	2.0456	2.1008

Method: TSOIL Sample Name: 941293S-006 PDSPIKE Operator: WGL
Run Time: 06/03/94 11:56:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10967	H65.065	2.0328	.94602	2.5552	.06112	S-.01405

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SDev	.00028	.210	.0046	.00256	.0077	.00031	.00004
%RSD	.25118	.32203	.22387	.27073	.30190	.50854	.31533
#1	.10948	H65.213	2.0360	.94783	2.5606	.06134	S-.01408
#2	.10987	H64.916	2.0296	.94421	2.5497	.06090	S-.01402

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H372.45	.04264	.51600	.31059	.33157	H169.98	15.080
SDev	1.26	.00019	.00140	.00165	.00002	.64	.367
%RSD	.33877	.43731	.27236	.53192	.00673	.37703	2.4357
#1	H373.34	.04277	.51699	.31176	.33159	H170.43	15.339
#2	H371.56	.04251	.51501	.30942	.33156	H169.52	14.820

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L15.962	H12.271	12.150	5.3960	.46145	H2.9914	L1.8549
SDev	.738	.049	.052	.0601	.00099	.0101	.0066
%RSD	4.6226	.39558	.43197	1.1131	.21428	.33841	.35833
#1	L16.483	H12.305	12.187	5.3536	.46215	H2.9985	L1.8502
#2	L15.440	H12.237	12.113	5.4385	.46075	H2.9842	L1.8596

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.58506	.53228	.94290	1.9783	8.7297	18.666	.94558
SDev	.00365	.00232	.00539	.0052	.0401	.086	.00213
%RSD	.62351	.43612	.57191	.26264	.45971	.45969	.22478
#1	.58764	.53392	.94671	1.9819	8.7581	18.727	.94408
#2	.58248	.53064	.93908	1.9746	8.7013	18.606	.94708

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.8137	1.8374	.66679	.85141	.51260	.54151	.95089
SDev	.0056	.0059	.00110	.00225	.00067	.00272	.00341
%RSD	.30899	.32097	.16454	.26430	.13079	.50259	.35888
#1	1.8177	1.8416	.66757	.85300	.51307	.54343	.95331
#2	1.8097	1.8333	.66601	.84982	.51212	.53958	.94848

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.93680	1.9647	1.9829
SDev	.00638	.0048	.0054
%RSD	.68114	.24301	.27263
#1	.94132	1.9680	1.9868
#2	.93229	1.9613	1.9791

Method: ISOIL Sample Name: 9412935-006 5000 Operator: WGL
Run Time: 05/03/94 12:31:59
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.01020	1.3449	-.00331	-.00109	.00633	.00035	S32.878
SDev	.00030	.0201	.00440	.00160	.00721	.00003	.000
%RSD	2.9481	1.4959	132.79	146.65	113.95	7.7260	.00135
#1	-.00999	1.3592	-.00020	.00004	.01143	.00037	S32.877
#2	L-.01041	1.3307	-.00642	-.00223	.00123	.00033	S32.878

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	7.6934	-.00037	-.00145	.00244	.00020	3.6487	.24966
SDev	.0041	.00034	.00043	.00043	.00000	.0038	.04375
%RSD	.05338	92.346	29.773	17.678	.09950	.10466	17.526
#1	7.6963	-.00013	-.00115	.00274	.00020	3.6514	.28059
#2	7.6905	-.00062	-.00176	.00213	.00020	3.6460	.21872

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-4.1219	.24266	L.24587	.10409	-.00062	.04010	L-.41562
SDev	.0327	.00073	.00082	.00005	.00014	.00028	.08190
%RSD	.79339	.30237	.33350	.04360	22.993	.69768	19.706
#1	L-4.0987	.24215	L.24529	.10412	-.00072	.04029	L-.35771
#2	L-4.1450	.24318	L.24645	.10406	-.00052	.03990	L-.47353

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00255	.00924	-.00288	.03130	.05918	.12650	.00068
SDev	.00122	.01093	.00202	.04952	.02719	.05815	.00383
%RSD	47.753	118.31	70.346	158.18	45.941	45.963	565.69
#1	.00342	.00151	-.00431	-.00371	.07840	.16762	-.00203
#2	.00169	.01697	-.00145	.06632	.03995	.08539	.00338

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01728	.00427	.00399	.01125	.02357	.00178	-.00146
SDev	.00004	.00438	.00062	.00030	.03316	.00016	.00413
%RSD	.20591	102.53	15.660	2.6832	140.65	9.2450	282.84
#1	.01730	.00737	.00443	.01103	.00013	.00190	-.00438
#2	.01725	.00117	.00355	.01146	.04702	.00167	.00146

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00568	.09199	-.00094
SDev	.00097	.14108	.00359
%RSD	17.095	153.36	381.47
#1	-.00637	-.00777	-.00348
2	-.00500	.19174	.00160

Method: TSOIL Sample Name: 941293S-006 PDSPIKE Operator: WGL

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Run Time: 06/03/94 12:33:09
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09485	3.1695	2.0146	.90268	2.1098	.04941	S32.878
SDev	.00056	.0063	.0053	.00236	.0053	.00001	.000
%RSD	.58880	.19894	.26087	.26113	.25131	.01020	.00028
#1	.09446	3.1650	2.0109	.90101	2.1061	.04941	S32.878
#2	.09525	3.1739	2.0184	.90435	2.1136	.04941	S32.878

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	7.5855	.04408	.49322	.20180	.26637	4.6069	.27592
SDev	.0041	.00004	.00119	.00021	.00000	.0187	.06410
%RSD	.05436	.09654	.24111	.10679	.00042	.40636	23.233
#1	7.5826	.04405	.49238	.20164	.26636	4.5936	.23060
#2	7.5885	.04411	.49406	.20195	.26637	4.6201	.32125

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-4.2647	.25454	L.26210	.60991	.47250	.04912	L-.59871
SDev	.3145	.00081	.00246	.00117	.00085	.00028	.01306
%RSD	7.3743	.31860	.93863	.19201	.17981	.57692	2.1808
#1	L-4.0424	.25397	L.26036	.60908	.47190	.04892	L-.58948
#2	L-4.4871	.25512	L.26384	.61073	.47311	.04932	L-.60794

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48350	.47878	.00122	2.0308	4.8633	10.400	-.00218
SDev	.00003	.00061	.00218	.0043	.0103	.022	.00064
%RSD	.00513	.12715	178.82	.21233	.21153	.21156	29.260
#1	.48351	.47921	-.00032	2.0339	4.8561	10.384	-.00263
#2	.48348	.47835	.00276	2.0278	4.8706	10.415	-.00173

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0828	1.9045	.48197	.53316	.47076	.48189	.00046
SDev	.0031	.0093	.00208	.00096	.00365	.00274	.00197
%RSD	.28509	.48678	.43131	.17968	.77622	.56798	424.14
#1	1.0806	1.8979	.48050	.53248	.46817	.48382	-.00093
#2	1.0850	1.9110	.48344	.53383	.47334	.47995	.00185

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00051	1.9874	2.0504
SDev	.00228	.0068	.0099
RSD	451.62	.34454	.48203
#1	-.00212	1.9826	2.0574
#2	.00111	1.9923	2.0434

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Method: TSOIL Sample Name: 941293S-008 97 Operator: WGL
Run Time: 06/03/94 12:34:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00504	19.848	.04586	.11308	.14879	.00489	S-.00819
SDev	.00048	.068	.00528	.00038	.00039	.00003	.00001
%RSD	9.4926	.34085	11.502	.33526	.26148	.63573	.08001
#1	-.00538	19.800	.04959	.11334	.14907	.00487	S-.00818
#2	-.00470	19.896	.04213	.11281	.14852	.00491	S-.00819

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H584.00	.00231	.03050	.12495	.06216	H110.36	2.4963
SDev	1.54	.00008	.00043	.00014	.00001	.23	.0281
%RSD	.26395	3.3953	1.4178	.11498	.02032	.20655	1.1245
#1	H582.91	.00237	.03020	.12485	.06215	H110.20	2.4764
#2	H585.09	.00226	.03081	.12505	.06217	H110.52	2.5161

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L5.1708	H11.982	11.626	2.9582	.00547	H3.3360	L1.3295
SDev	.0926	.033	.031	.0076	.00142	.0086	.0243
%RSD	1.7907	.27274	.26805	.25614	25.906	.25893	1.8305
#1	L5.2362	H11.959	11.604	2.9528	.00647	H3.3299	L1.3123
#2	L5.1053	H12.005	11.648	2.9635	.00447	H3.3421	L1.3467

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.09791	1.2869	.00144	-.00047	5.0095	10.712	.01796
SDev	.00016	.0053	.00386	.00134	.0205	.044	.00191
%RSD	.16189	.41329	268.08	282.95	.40910	.40917	10.651
#1	.09803	1.2831	.00417	-.00142	4.9950	10.681	.01931
#2	.09780	1.2906	-.00129	.00047	5.0240	10.743	.01661

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.2064	.00460	.10427	.56616	1.2764	1.2915	.00499
SDev	.0022	.00112	.00002	.00211	.0028	.0089	.00198
%RSD	.18435	24.250	.01895	.37235	.21970	.69299	39.555
#1	1.2048	.00539	.10426	.56467	1.2784	1.2852	.00639
#2	1.2080	.00381	.10429	.56765	1.2744	1.2978	.00360

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00228	.00514	-.00537
SDev	.00458	.00151	.00125
%RSD	200.62	29.395	23.321

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#1	.00096	.00407	-.00626
#2	-.00553	.00621	-.00449

Method: TSOIL Sample Name: 941293S-008 1940 Operator: WGL
Run Time: 06/03/94 12:36:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.01028	.88060	.00210	.00490	.00682	.00036	S24.217
SDev	.00005	.20338	.00059	.00028	.00099	.00007	12.064
%RSD	.48746	23.095	28.092	5.7779	14.465	19.953	49.815
#1	L-.01024	1.0244	.00168	.00510	.00752	.00041	S32.747
#2	L-.01031	.73679	.00252	.00470	.00613	.00031	S15.687

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	28.300	-.00054	-.00092	.00650	.00031	5.6475	L-3.6689
SDev	.006	.00045	.00032	.00014	.00001	.1666	5.3980
%RSD	.02193	82.533	35.355	2.2097	2.7174	2.9495	147.13
#1	28.296	-.00023	-.00115	.00640	.00031	5.7653	.14803
#2	28.305	-.00086	-.00069	.00660	.00030	5.5297	L-7.4859

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-4.9247	.55834	L.59089	.15284	-.00001	.12068	L-.56856
SDev	.1749	.01537	.00492	.00011	.00071	.00049	.06544
%RSD	3.5506	2.7528	.83272	.06963	6677.5	.40772	11.509
#1	L-4.8011	.56920	L.59437	.15291	.00049	.12102	L-.61483
#2	L-5.0484	.54747	L.58742	.15276	-.00051	.12033	L-.52229

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00456	.06590	-.00205	.00057	.22859	.48880	-.00023
SDev	.00000	.00060	.00114	.00479	.03081	.06590	.00340
%RSD	.05356	.90466	55.544	848.17	13.478	13.483	1508.5
#1	.00456	.06632	-.00124	.00396	.25038	.53540	-.00263
#2	.00456	.06547	-.00285	-.00283	.20680	.44220	.00218

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06169	-.00199	.00461	.03234	.06483	.06583	-.00189
SDev	.00005	.00017	.00084	.00003	.00175	.00134	.00252
%RSD	.08704	8.4358	18.322	.07619	2.7029	2.0423	133.10
#1	.06173	-.00188	.00521	.03232	.06359	.06678	-.00368
2	.06166	-.00211	.00401	.03236	.06606	.06488	-.00011

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00422	-.00182	-.00034

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SDev	.00296	.00710	.00364
%RSD	70.176	389.93	1065.1
#1	-.00213	.00320	.00223
#2	-.00632	-.00684	-.00292

Method: TSOIL Sample Name: 941293S-009 98 Operator: WGL
Run Time: 06/03/94 12:38:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00341	H51.859	.05721	.27257	.52076	.00993	S-.01223
SDev	.00030	.022	.00038	.00113	.00019	.00002	.00000
%RSD	8.8342	.04275	.66547	.41494	.03682	.20314	.01388
#1	.00320	H51.843	.05694	.27177	.52062	.00994	S-.01223
#2	.00362	H51.874	.05748	.27337	.52089	.00992	S-.01223

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H525.72	.00395	.03486	.10702	.10141	H130.19	4.1717
SDev	.59	.00023	.00011	.00065	.00001	.13	.0892
%RSD	.11306	5.9474	.31013	.60408	.00654	.09623	2.1383
#1	H525.30	.00379	.03478	.10656	.10140	H130.10	4.2347
#2	H526.14	.00412	.03494	.10748	.10141	H130.28	4.1086

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L7.6710	H11.478	11.146	1.8922	.00749	H4.8455	2.8610
SDev	.2530	.004	.007	.0023	.00028	.0028	.0883
%RSD	3.2979	.03214	.06622	.11948	3.7856	.05755	3.0848
#1	L7.8499	H11.476	11.141	1.8906	.00769	H4.8435	2.7986
#2	L7.4921	H11.481	11.152	1.8938	.00729	H4.8474	2.9234

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10879	.73853	.01572	.00246	6.8948	14.745	.02683
SDev	.00019	.00128	.00128	.00061	.0411	.088	.00128
%RSD	.17201	.17303	8.1758	24.679	.59649	.59653	4.7537
#1	.10866	.73943	.01481	.00289	6.8657	14.683	.02593
#2	.10892	.73763	.01663	.00203	6.9238	14.807	.02773

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.6250	.01185	.18271	.43569	.72272	.74612	.01907
SDev	.0012	.00201	.00064	.00035	.00280	.00052	.00012
RSD	.07477	16.979	.34773	.08029	.38719	.06953	.61794
#1	1.6241	.01327	.18226	.43544	.72470	.74649	.01915
#2	1.6258	.01042	.18316	.43593	.72075	.74575	.01898

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Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.01195	.01098	-.00389
SDev	.00198	.00049	.00067
%RSD	16.619	4.4261	17.188
#1	.01054	.01132	-.00342
#2	.01335	.01063	-.00436

008732

Method: TSOIL Sample Name: 941298S-009 1960 Operator: WGL
Run Time: 06/03/94 12:39:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00861	2.6195	.00032	.01224	.02578	.00063	S24.569
SDev	.00035	.0392	.00036	.00028	.00046	.00002	11.592
%RSD	4.0448	1.4953	111.81	2.3076	1.7746	3.3132	47.183
#1	-.00837	2.5918	.00007	.01204	.02545	.00065	S32.766
#2	-.00886	2.6472	.00058	.01244	.02610	.00062	S16.372

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	25.142	-.00009	-.00038	.00538	.00035	6.6730	.17429
SDev	.388	.00006	.00022	.00014	.00000	.0771	.03720
%RSD	1.5421	69.425	56.569	2.6683	1.1655	1.1560	21.345
#1	24.868	-.00005	-.00054	.00549	.00035	6.6184	.14799
#2	25.416	-.00013	-.00023	.00528	.00035	6.7275	.20060

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-4.5450	.53272	L.55088	.09592	.00137	.17498	L-.41338
SDev	.3171	.00772	.00902	.00131	.00014	.00287	.05890
%RSD	6.9763	1.4488	1.6375	1.3674	10.299	1.6401	14.249
#1	L-4.3208	.52726	L.54450	.09499	.00127	.17295	L-.45503
#2	L-4.7692	.53817	L.55726	.09685	.00147	.17701	L-.37173

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00543	.03729	.00260	.00294	.34573	.73938	.00008
SDev	.00018	.00126	.00143	.00591	.00498	.01066	.00128
%RSD	3.2463	3.3672	54.810	201.23	1.4409	1.4414	1697.1
#1	.00530	.03640	.00361	-.00124	.34221	.73184	-.00083
#2	.00555	.03818	.00159	.00712	.34926	.74691	.00098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.08198	-.00268	.00895	.02519	.03834	.03617	.00464
SDev	.00127	.00118	.00062	.00073	.00061	.00176	.00124
%RSD	1.5542	44.136	6.8907	2.8830	1.5832	4.8702	26.715

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#1	.08108	-.00184	.00939	.02468	.03877	.03492	.00552
#2	.08288	-.00352	.00852	.02570	.03791	.03742	.00376

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00051	-.00460	.00460
SDev	.00152	.00592	.00591
%RSD	297.17	128.68	128.45
#1	.00056	-.00878	.00042
#2	-.00159	-.00041	.00878

Method: TSOIL Sample Name: 941293S-009 100 S.D. Operator: 3
Run Time: 06/03/94 12:43:30
Comment: 5X SERIAL DILUTION OF 20X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.01019	.51170	.00050	.00486	-.00342	.00023	S32.900
SDev	.00000	.04026	.00400	.00038	.01184	.00003	.009
%RSD	.01144	7.8677	801.35	7.7567	346.54	12.056	.02826
#1	L-.01019	.54017	-.00233	.00513	.00495	.00025	S32.894
#2	L-.01019	.48323	.00333	.00460	L-.01178	.00021	S32.907

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.1143	-.00203	-.00191	.00107	.00007	1.3708	L-8.2016
SDev	.0236	.00237	.00000	.00021	.00000	.0055	11.6921
%RSD	.46230	117.03	.00000	20.203	.39615	.40364	142.56
#1	5.1311	-.00035	-.00191	.00091	.00007	1.3747	.06596
#2	5.0976	-.00371	-.00191	.00122	.00007	1.3668	L-16.469

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-5.7081	.10419	L.09800	.01947	.00230	.02914	L-.66710
SDev	.0491	.00451	.00328	.00005	.00057	.00005	.03866
%RSD	.86081	4.3328	3.3473	.23325	24.640	.18550	5.7957
#1	L-5.6734	.10738	L.10032	.01950	.00270	.02918	L-.63976
#2	L-5.7429	.10100	L.09568	.01944	.00190	.02910	L-.69444

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00139	.00754	-.00020	.00286	.00728	.01555	-.00150
SDev	.00431	.00042	.00104	.00099	.08868	.18968	.00138
%RSD	310.74	5.5768	530.45	34.642	1217.3	1219.7	91.924
#1	.00166	.00724	-.00093	.00216	.06999	.14968	-.00248
#2	-.00444	.00783	.00054	.00356	-.05542	L-.11857	-.00053

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01654	-.00172	.00320	.00821	.00889	.00626	.00025

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SDev	.00011	.00105	.00021	.00035	.00162	.00102	.00602
%RSD	.64338	60.901	6.4865	4.2427	18.262	16.236	2410.4
#1	.01662	-.00098	.00306	.00846	.01004	.00554	-.00401
#2	.01647	-.00246	.00335	.00797	.00774	.00698	.00451

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00252	-.00184	.00310
SDev	.00146	.00923	.00609
%RSD	57.845	501.54	196.19
#1	-.00149	.00468	-.00120
#2	-.00355	-.00836	.00741

008734

Method: TSOIL Sample Name: CCV 0511I Operator: WGL
Run Time: 06/03/94 12:44:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00631	9.1410	2.5345	2.2694	5.1160	2.3942	.97052
SDev	.00029	.0127	.0002	.0043	.0118	.0037	.00204
%RSD	4.5573	.13874	.00674	.19106	.23079	.15658	.21030
#1	-.00611	9.1499	2.5344	2.2724	5.1243	2.3969	.97197
#2	-.00651	9.1320	2.5347	2.2663	5.1076	2.3916	.96908

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0115	.95799	2.4480	2.5106	2.6200	4.8240	9.4226
SDev	.0010	.00254	.0011	.0045	.0000	.0081	.0630
%RSD	.10112	.26530	.04417	.17737	.00007	.16730	.66819
#1	1.0123	.95979	2.4487	2.5138	2.6200	4.8297	9.4672
#2	1.0108	.95620	2.4472	2.5075	2.6200	4.8183	9.3781

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.84050	2.4193	2.5665	5.0343	2.3510	.91786	.14611
SDev	.08207	.0014	.0041	.0084	.0014	.00300	.02556
%RSD	9.7647	.05831	.15976	.16617	.06024	.32676	17.493
#1	.89853	2.4203	2.5694	5.0402	2.3520	.91998	.16419
#2	.78246	2.4183	2.5636	5.0284	2.3500	.91574	.12804

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4102	.94536	2.4566	2.4581	23.634	50.515	2.5048
SDev	.0022	.00466	.0042	.0022	.003	.007	.0031
RSD	.08995	.49252	.16983	.09076	.01465	.01453	.12304
#1	2.4117	.94207	2.4537	2.4565	23.637	50.521	2.5026
#2	2.4087	.94866	2.4596	2.4596	23.632	50.510	2.5070

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Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.0019	.93630	2.4083	2.5550	.92995	.95216	2.4591
SDev	.0102	.00546	.0011	.0040	.00458	.00470	.0158
%RSD	.20406	.58311	.04363	.15576	.49221	.49313	.64221
#1	5.0091	.94016	2.4090	2.5578	.92671	.94884	2.4479
#2	4.9947	.93244	2.4075	2.5522	.93319	.95548	2.4702

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.4533	2.4071	2.4814
SDev	.0016	.0009	.0029
%RSD	.06641	.03699	.11687
#1	2.4544	2.4065	2.4794
#2	2.4521	2.4077	2.4835

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thod: TSOIL Sample Name: CCV 0511L Operator: WGL
.un Time: 06/03/94 12:46:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4816	.00354	.00142	.00727	-.00817	.00056	S16.156
SDev	.0004	.00847	.00038	.00302	.00050	.00029	.001
%RSD	.01793	239.18	26.992	41.509	6.1750	51.225	.00380
#1	2.4813	.00953	.00169	.00940	-.00782	.00076	S16.156
#2	2.4819	-.00245	.00115	.00513	-.00853	.00036	S16.156

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	98.120	.00008	-.00191	.00112	-.00591	-.00130	S1000.0
SDev	.123	.00009	.00022	.00014	.00000	.00255	1.5
%RSD	.12562	112.70	11.314	12.856	.00066	195.33	.04315
#1	98.033	.00002	-.00206	.00102	-.00591	-.00310	S1000.0
#2	98.207	.00014	-.00176	.00122	-.00591	.00050	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	94.634	S194.09	98.039	-.00073	.00631	S92.297	45.394
SDev	.265	.00	.094	.00054	.00396	.000	.021
%RSD	.28002	.00240	.09598	74.501	62.854	.00000	.04665
#1	94.447	S194.09	97.972	-.00034	.00911	S92.297	45.379
#2	94.822	S194.09	98.105	-.00111	.00350	S92.297	45.409

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	Si02	Sn1899
nits	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
vge	.00058	.00003	.00062	.00255	.02427	.05190	.00038
SDev	.00058	.00042	.00026	.00455	.02586	.05532	.00042
%RSD	99.852	1552.4	42.134	178.58	106.57	106.61	113.14

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#1	.00099	-.00027	.00044	.00576	.04256	.09101	.00008
#2	.00017	.00032	.00081	-.00067	.00598	.01278	.00068

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00027	.00127	.00088	-.00963	.00162	-.00137	-.00282
SDev	.00043	.00385	.00042	.00030	.00044	.00002	.00093
%RSD	162.32	304.52	47.056	3.1391	26.949	1.1218	33.136
#1	.00004	.00399	.00059	-.00941	.00131	-.00136	-.00216
#2	-.00057	-.00146	.00118	-.00984	.00193	-.00138	-.00348

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00024	.00203	.00071
SDev	.00086	.00166	.00599
%RSD	354.37	81.556	848.76
#1	-.00037	.00320	.00494
#2	.00085	.00086	-.00353

Method: TSOIL Sample Name: CCB 0509U Operator: WGL
Run Time: 06/03/94 12:55:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00948	.01346	-.00339	-.00020	-.00015	.00019	.00341
SDev	.00061	.00209	-.00063	.00000	.00000	.00004	.00002
%RSD	6.4401	15.496	18.517	.00000	.00069	23.223	.58967
#1	-.00905	.01199	-.00295	-.00020	-.00015	.00022	.00340
#2	-.00991	.01493	-.00384	-.00020	-.00015	.00016	.00343

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00144	-.00031	-.00229	.00010	.00000	.00658	.05034
SDev	.00001	.00003	.00011	.00072	.00000	.01195	.03821
%RSD	.78419	10.440	4.7140	707.11	184.59	181.76	75.906
#1	.00144	-.00033	-.00222	-.00041	.00000	.01503	.07736
#2	.00145	-.00029	-.00237	.00061	-.00000	-.00188	.02332

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.89996	.00293	-.00530	-.00003	.00010	.00074	.01505
SDev	.36592	.00004	.00000	.00000	.00028	.00034	.02167
%RSD	40.660	1.2660	.00000	3.8615	283.27	46.387	143.95
#1	1.1587	.00291	-.00530	-.00003	-.00010	.00098	-.00027
#2	.64121	.00296	-.00530	-.00003	.00030	.00050	.03038

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00041	-.00020	-.00125	.00098	-.00597	-.01278	.00203

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SDev	.00032	.00102	.00302	.00098	.00052	.00112	.00149
%RSD	79.481	514.94	241.40	99.838	8.6578	8.7423	73.330
#1	-.00018	.00052	.00088	.00167	-.00561	-.01199	.00308
#2	-.00064	-.00092	-.00338	.00029	-.00634	-.01357	.00098

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00005	-.00079	.00118	-.00094	.00094	-.00137	-.00229
SDev	.00000	.00019	.00166	.00030	.00028	.00124	.00642
%RSD	.00061	23.892	141.40	31.820	29.124	90.527	281.07
#1	.00005	-.00092	.00000	-.00115	.00075	-.00049	.00226
#2	.00005	-.00065	.00235	-.00073	.00114	-.00224	-.00683

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00283	-.00254	.00064
SDev	.00131	.00193	.00050
%RSD	46.426	76.252	78.847
#1	-.00190	-.00117	.00099
#2	-.00376	-.00390	.00028

Method: TSOIL Sample Name: 941293S-009 S.S.D. Operator:
Run Time: 06/03/94 12:57:19
Comment: 5X SERIAL DILUTION OF 1X
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00737	10.777	.01239	.05438	.10707	.00218	S16.128
SDev	.00049	.011	.00253	.00113	.00035	.00000	.000
%RSD	6.6204	.09810	20.444	2.0807	.32856	.03185	.00033
#1	-.00772	10.784	.01060	.05518	.10732	.00218	S16.127
#2	-.00703	10.769	.01418	.05358	.10683	.00218	S16.128

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	106.92	.00060	.00527	.02209	.01621	H27.419	.73876
SDev	.20	.00026	.00043	.00036	.00000	.072	.05085
%RSD	.18365	42.818	8.1983	1.6255	.02289	.26267	6.8829
#1	107.06	.00042	.00497	.02184	.01622	H27.470	.77472
#2	106.79	.00078	.00558	.02235	.01621	H27.368	.70281

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L3.9672	2.2505	L2.3908	.39558	.00127	.85801	L.75174
SDev	.0323	.0036	.0075	.00068	.00014	.00087	.01386
%RSD	.81329	.15992	.31349	.17228	11.138	.10191	1.8436
#1	L3.9900	2.2531	L2.3961	.39607	.00117	.85862	L.74194
#2	L3.9444	2.2480	L2.3855	.39510	.00137	.85739	L.76154

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Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02312	.15473	.00095	-.00040	1.4127	3.0211	.00368
SDev	.00026	.00044	.00312	.00003	.0024	.0051	.00042
%RSD	1.1253	.28759	326.87	7.7183	.17044	.17031	11.545
#1	.02293	.15505	-.00125	-.00038	1.4110	3.0175	.00338
#2	.02330	.15442	.00316	-.00042	1.4144	3.0248	.00398

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.33839	.00134	.03719	.09182	.15024	.15638	.00217
SDev	.00073	.00082	.00020	.00029	.00243	.00012	.00562
%RSD	.21461	60.975	.54448	.31113	1.6192	.07887	259.33
#1	.33890	.00076	.03705	.09203	.15196	.15629	-.00181
#2	.33788	.00191	.03733	.09162	.14852	.15647	.00614

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00160	.00164	-.00336
SDev	.00166	.00823	.00428
%RSD	103.67	502.64	127.11
#1	-.00277	.00746	-.00639
#2	-.00043	-.00418	-.00034

Method: TSOIL Sample Name: ISA 0531M Operator: WGL
Run Time: 06/03/94 12:59:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.11482	421.72	-.00357	-.00307	-.01742	.04505	S-.07026
SDev	.00039	.38	.00282	.00028	.00005	.00002	.00005
%RSD	.33700	.09017	78.979	9.2195	.29911	.03656	.07326
#1	.11454	421.45	-.00158	-.00327	-.01738	.04504	S-.07022
#2	.11509	421.98	-.00556	-.00287	-.01746	.04506	S-.07030

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	477.55	.00525	-.00252	.01041	-.00011	175.07	-6.6858
SDev	.56	.00009	.00022	.00036	.00001	.10	.0213
%RSD	.11809	1.6715	8.5710	3.4493	4.4335	.05738	.31908
#1	477.15	.00531	-.00268	.01016	-.00012	175.00	-6.7009
#2	477.95	.00519	-.00237	.01067	-.00011	175.14	-6.6708

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	14.065	8191.00	480.62	.00348	-.00516	892.241	558.60
SDev	.262	.01	.66	.00012	.00028	.000	.09
%RSD	1.8609	.00375	.13705	3.4991	5.3997	.00006	.01669

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#1	13.880	S191.00	480.15	.00340	-.00536	S92.241	558.67
#2	14.251	S190.99	481.08	.00357	-.00496	S92.241	558.54

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05146	.05957	-.00315	.01721	-.00656	-.01595	-.00451
SDev	.00002	.00103	.00521	.00218	.00189	.00404	.00074
%RSD	.02880	1.7360	165.52	12.648	28.729	25.326	16.499
#1	.05145	.05884	-.00683	.01875	-.00523	-.01310	-.00503
#2	.05147	.06030	.00054	.01567	-.00790	-.01881	-.00398

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00072	.11188	.00610	-.02627	-.01573	.09627	.00862
SDev	.00002	.00103	.00001	.00022	.00253	.00282	.00985
%RSD	2.8151	.92356	.15557	.85399	16.112	2.9247	114.29
#1	.00070	.11261	.00609	-.02612	-.01393	.09427	.00165
#2	.00073	.11115	.00610	-.02643	-.01752	.09826	.01558

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.01112	.05091	-.00172
SDev	.00289	.00639	.00645
%RSD	25.987	12.559	375.96
#1	-.01316	.04639	.00285
#2	-.00907	.05543	-.00628

Method: TSOIL Sample Name: ISB 0111K Operator: WGI
Run Time: 06/03/94 13:00:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0082	402.08	1.0196	.91479	.47049	.50670	S-.06745
SDev	.0254	.20	.0010	.00000	.00036	.00005	.00002
%RSD	2.5161	.05058	.10281	.00000	.07626	.00914	.02771
#1	.99027	402.22	1.0189	.91479	.47074	.50674	S-.06746
#2	1.0261	401.94	1.0204	.91479	.47024	.50667	S-.06743

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	452.55	.89194	.44261	.46957	.49467	166.78	10.896
SDev	.12	.00110	.00054	.00079	.00208	.27	.362
%RSD	.02654	.12335	.12213	.16827	.41979	.16248	3.3267
#1	452.64	.89272	.44300	.47013	.49320	166.97	10.639
#2	452.47	.89116	.44223	.46901	.49614	166.59	11.152

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	24.906	S191.17	456.75	.46968	.91913	S92.239	528.33

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SDev	.445	.00	.53	.00014	.00312	.000	.80
%RSD	1.7868	.00125	.11578	.03055	.33923	.00004	.15163
#1	25.221	S191.17	457.12	.46978	.91693	S92.239	527.77
#2	24.591	S191.18	456.37	.46958	.92134	S92.239	528.90

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.89927	.94858	1.0462	1.0588	.45289	.95983	.99487
SDev	.00293	.00017	.0054	.0082	.00438	.00936	.00425
%RSD	.32622	.01838	.51815	.77866	.96756	.97498	.42729
#1	.90134	.94846	1.0423	1.0529	.45598	.96644	.99187
#2	.89719	.94871	1.0500	1.0646	.44979	.95321	.99788

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.99412	1.0184	.45681	1.0176	.86974	.98735	1.0539
SDev	.00051	.0107	.00044	.0001	.00022	.00005	.0032
%RSD	.05172	1.0539	.09642	.01208	.02514	.00542	.30164
#1	.99448	1.0260	.45712	1.0177	.86990	.98738	1.0516
#2	.99376	1.0108	.45650	1.0176	.86959	.98731	1.0561

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	1.0402	1.0718	1.0501
SDev	.0065	.0105	.0071
%RSD	.62871	.97993	.67766
#1	1.0356	1.0644	1.0451
#2	1.0449	1.0792	1.0552

Method: TSOIL Sample Name: CRI 0112C Operator: WGL
Run Time: 06/03/94 13:02:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02817	.14798	.01153	.19123	.22051	.01016	S32.859
SDev	.00008	.01906	.00090	.00047	.00046	.00005	.000
%RSD	.28961	12.881	7.7657	.24657	.20858	.48497	.00112
#1	.02812	.16145	.01217	.19156	.22018	.01020	S32.860
#2	.02823	.13450	.01090	.19090	.22083	.01013	S32.859

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	10.541	.01220	.10091	.02098	.04139	.09938	10.843
SDev	.027	.00001	.00076	.00065	.00000	.00641	.151
RSD	.25744	.09745	.74997	3.0818	.00076	6.4515	1.3951
#1	10.522	.01221	.10037	.02052	.04139	.10391	10.736
#2	10.560	.01219	.10144	.02143	.04139	.09485	10.950

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Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L7.3530	H10.226	10.806	.02132	.02613	H9.6809	8.1927
SDev	.6984	.002	.008	.00004	.00227	.0678	.0214
%RSD	9.4977	.01554	.07707	.20657	8.6692	.69990	.26140
#1	L6.8592	H10.225	10.800	.02129	.02774	H9.6330	8.1775
#2	L7.8469	H10.227	10.812	.02135	.02453	H9.7288	8.2078

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.08183	.00730	.00514	.00709	.10482	.22389	.10926
SDev	.00079	.00027	.00083	.00009	.00237	.00507	.00244
%RSD	.96031	3.6418	16.191	1.1922	2.2586	2.2663	2.2371
#1	.08238	.00711	.00455	.00715	.10650	.22743	.11099
#2	.08127	.00749	.00572	.00703	.10315	.22031	.10754

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02204	.01309	.02106	.11213	.00683	.00664	.00556
SDev	.00003	.00142	.00021	.00029	.00105	.00013	.00132
%RSD	.15852	10.821	.99147	.26027	15.387	1.9030	23.810
#1	.02202	.01409	.02091	.11234	.00609	.00673	.00649
#2	.02207	.01209	.02121	.11193	.00758	.00655	.00462

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	.00283	.00401	.00653
SDev	.00191	.00215	.00120
%RSD	67.468	53.699	18.381
#1	.00148	.00248	.00738
#2	.00417	.00553	.00568

Method: TSOIL Sample Name: CCV 0511I Operator: WGL
Run Time: 06/03/94 13:03:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01608	9.0389	2.5228	2.2564	5.0950	2.3607	.96351
SDev	.01378	.0221	.0004	.0026	.0101	.0060	.00067
%RSD	85.692	.24466	.01574	.11691	.19847	.25509	.06908
#1	.02582	9.0232	2.5231	2.2546	5.0879	2.3564	.96399
#2	.00634	9.0545	2.5225	2.2583	5.1022	2.3649	.96304

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0185	.94884	2.4241	2.4938	2.5993	4.7968	9.4213
SDev	.0031	.00125	.0057	.0050	.0042	.0129	.0746
%RSD	.30898	.13137	.23638	.19874	.16086	.26843	.79194

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#1	1.0177	.94796	2.4200	2.4903	2.5964	4.8059	9.3686
#2	1.0133	.94972	2.4281	2.4973	2.6023	4.7877	9.4741

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.4242	2.3998	2.5869	4.9866	2.3278	.94997	.45049
SDev	.0524	.0014	.0000	.0089	.0085	.00796	.03485
%RSD	1.1838	.05645	.00000	.17764	.36501	.83740	7.7370
#1	4.3871	2.4007	2.5869	4.9804	2.3217	.95559	.47514
#2	4.4612	2.3988	2.5869	4.9929	2.3338	.94434	.42585

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.3874	.93996	2.4453	2.4465	23.445	50.110	2.4870
SDev	.0082	.00149	.0010	.0029	.039	.084	.0051
%RSD	.34468	.15862	.04114	.11962	.16680	.16677	.20511
#1	2.3816	.93890	2.4446	2.4486	23.417	50.051	2.4834
#2	2.3933	.94101	2.4460	2.4445	23.473	50.169	2.4906

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.9747	.92714	2.3899	2.5354	.92390	.94708	2.4397
SDev	.0091	.00069	.0037	.0028	.00118	.00282	.0110
%RSD	.18330	.07484	.15691	.10904	.12770	.29822	.44970
#1	4.9683	.92764	2.3872	2.5334	.92473	.94508	2.4320
#2	4.9812	.92665	2.3925	2.5373	.92307	.94907	2.4475

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	2.4460	2.3944	2.4705
SDev	.0040	.0044	.0022
%RSD	.16228	.18259	.08925
#1	2.4488	2.3975	2.4720
#2	2.4432	2.3913	2.4689

Method: TSOIL Sample Name: CCV 0511L Operator: WGL
Run Time: 06/03/94 13:06:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4766	.01412	-.00027	.00500	-.00822	.00054	S16.202
SDev	.0047	.00424	.00177	.00019	.00001	.00002	.069
%RSD	.19031	30.009	660.77	3.7713	.08798	4.3175	.42738
#1	2.4800	.01113	-.00151	.00513	-.00823	.00053	S16.153
#2	2.4733	.01712	.00098	.00487	-.00822	.00056	S16.251

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	97.260	.00016	-.00252	.00061	-.00591	.05179	S1000.0

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SDev	.078	.00027	.00022	.00029	.00000	.10062	99.5
%RSD	.08051	172.50	8.5710	47.140	.07538	194.28	2.7974
#1	97.315	-.00003	-.00268	.00041	-.00591	-.01936	S1000.0
#2	97.204	.00035	-.00237	.00081	-.00591	.12294	S1000.0

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	93.683	S194.18	97.661	-.00100	.00370	S92.297	45.174
SDev	.934	.12	.169	.00006	.00028	.000	.233
%RSD	.99709	.06100	.17312	6.1189	7.6436	.00000	.51626
#1	94.343	S194.10	97.780	-.00104	.00350	S92.297	45.339
#2	93.022	S194.26	97.541	-.00095	.00390	S92.297	45.009

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00061	.00095	-.00254	.00423	.01230	.02630	-.00263
SDev	.00032	.00139	.00095	.00088	.00999	.02136	.00170
%RSD	51.940	146.24	37.497	20.913	81.216	81.226	64.650
#1	.00039	-.00003	-.00321	.00360	.00524	.01120	-.00383
#2	.00084	.00193	-.00187	.00485	.01937	.04141	-.00143

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00042	.00212	.00089	-.00970	.00261	-.00078	-.00035
SDev	.00004	.00142	.00041	.00015	.00100	.00158	.00501
%RSD	9.0299	66.900	45.797	1.5255	38.463	203.09	1447.3
#1	-.00045	.00312	.00117	-.00960	.00190	-.00190	.00320
#2	-.00039	.00112	.00060	-.00981	.00332	.00034	-.00389

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00573	-.00031	.00439
SDev	.00393	.00100	.00082
%RSD	68.511	328.34	18.776
#1	-.00851	-.00102	.00381
#2	-.00296	.00040	.00498

Method: TSOIL Sample Name: CCB 0509U Operator: WGL
Run Time: 06/03/94 13:07:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3968
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00443	.01273	.00059	.00180	-.00015	.00022	.00695
SDev	.00045	.00106	.00234	.00038	.00000	.00000	.00425
RSD	10.117	8.3303	395.16	20.950	.25140	.05155	61.181
#1	-.00411	.01348	.00225	.00153	-.00015	.00022	.00995
#2	-.00474	.01198	-.00106	.00207	-.00015	.00022	.00394

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Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00447	-.00014	-.00252	.00000	.00000	.00335	.04372
SDev	.00416	.00001	.00022	.00014	.00000	.00297	.08085
%RSD	93.094	4.9305	8.5710	658e6	103.59	88.851	184.90
#1	.00742	-.00014	-.00237	.00010	.00000	.00545	H.10089
#2	.00153	-.00015	-.00268	-.00010	.00000	.00124	-.01344

Elem	K_4047	Mg2852	Mg2790	Mn2576	Mo2020	Na5889	Na3302
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-1.0983	.00675	-.00648	-.00019	.00070	.01844	-.17391
SDev	.3665	.00474	.00666	.00004	.00028	.00333	.09066
%RSD	33.368	70.188	102.85	23.606	40.417	18.087	52.131
#1	-.83912	.01010	-.00177	-.00022	.00050	.02079	-.10980
#2	-1.3574	.00340	-.01119	-.00016	.00090	.01608	-.23801

Elem	Ni2316	Pb2204	Sb2068	Se1960	Si2881	SiO2	Sn1899
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00044	-.00094	-.00163	-.00382	-.00355	-.00759	-.00053
SDev	.00093	.00046	.00053	.00475	.00290	.00621	.00128
%RSD	211.31	48.878	32.644	124.37	81.842	81.812	242.44
#1	-.00110	-.00126	-.00125	-.00046	-.00149	-.00320	.00038
#2	.00022	-.00061	-.00201	L-.00717	-.00560	-.01198	-.00143

Elem	Sr4215	Tl1908	V_2924	Zn2138	Pb 1st	Pb 2nd	Sb 1st
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00000	-.00066	.00000	-.00115	.00116	-.00288	-.00050
SDev	.00000	.00836	.00000	.00014	.00081	.00028	.00093
%RSD	93.093	1267.4	222.24	12.597	69.973	9.7985	183.61
#1	-.00000	-.00657	.00000	-.00125	.00059	-.00308	.00015
#2	-.00000	.00525	-.00000	-.00105	.00173	-.00268	-.00116

Elem	Sb 2nd	Se 1st	Se 2nd
Units	mg/L	mg/L	mg/L
Avge	-.00414	-.00675	-.00445
SDev	.00055	.00845	.00290
%RSD	13.234	125.11	65.131
#1	-.00375	-.00078	-.00240
#2	-.00453	-.01273	-.00650

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

SOP HC-ATM-E047 CLP ICP-AES | Date 6-3-94 | Analyst [illegible]
EPA Method Reference CLP Solw 9/91 / Colo | Run Start Time 09:15 | Run End Time
Calibration Std. ID T-1 0603A | T-2 0603B | T-3 0603C | T-4 0603D
Calibration Std. ID T-5 0603E | 6 | 7 | T-0 0509

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

Sample ID	Dilution Factor	Data Flag Required	Comments	Sample ID	Dilution Factor	Data Flag Required	Comments
ICV 0405T				9 -	20X		
ICV 0723B				9 Sb	100X		
ICV 0426FT				CCV 01			
ICB 0509U				CCV 02			
ISA 0531M				CCB			
ISB 0111K				9 SP	5		
CRT 0112C				ISA			
MAR 0607				ISB			
LCS 0424B				CRI			
LCS 0424B	10X			CCV01			
94 1301-1		↑Fe		CCV02			
1	5X			CCB			
1 MD							
1 PDS							
CCV01 ~~1 PDS~~							
CCV02							
CCB							
1 MS							
1 S.D	25X						
1 ~~MD~~	50X						
1 ~~MS~~ MD	↓						
1 PDS							
1 S.D	125X						
4 1723-4							
4 MD							
4	10X						
4 MS	↓						
CCV 01							
CCV 02							
CCB							
6							
6 MS							
6 PDS							
6	50X						
6 PDS	↓						
8							
8	20X						
9							

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METALS DIGESTIONS

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

EPA Method Reference 3050 CIP Date 6-2-94 Analyst NHB

Digestion Temp. 94° Dig. Start Time _____ Dig. End Time _____

Spike ID 1214A Spike Volume 2.0 Spike ID 1118D Spike Volume 2.0

HNO3 ID 941001 HCl ID 940962 H2O2 ID 940962 Other _____

Sample ID	Aliquot mls	Aliquot grams	Final Volume mls	Filtered Yes	Filtered No	Comments
mB			100		1	
LCS 6020B	1.00					
941301-1	1.02					
1MD	1.02					
1MS	1.02					
941293.4	1.02					
4MD	1.03					
6	1.00					
6MS	1.01					
8	1.03					
9	1.02					

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