010001

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 060606-10, 060630-3, 060630-4, 060630-5
SRR: 29276, 29411
SDG: 280647, 282118, 282138, 282158
CASE: B. Werling
VTSR: June, 06, 29, 2006
PROJECT#: 06002.20.242, 06002.01.242

FINAL REPORT

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010002

Sample ID
A1C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/06/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 280587

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	0.551	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.0977	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	0.888	0.200
Cadmium	<0.0500	0.0500
Calcium	505	0.500
Chromium	<0.0500	0.0500
Cobalt	0.0758	0.0500
Copper	<0.0500	0.0500
Iron	120	0.500
Lanthanum	<0.0500	0.0500
Lead	0.0979	0.0500
Lithium	<0.150	0.150
Magnesium	106	0.500
Manganese	0.799	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.218	0.200
Potassium	16.6	5.00
Selenium	<0.0500	0.0500
Silicon	24.2	0.200
Silver	<0.0500	0.0500
Sodium	167	2.50
Strontium	5.17	0.0500
Sulfur	522	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	11.8	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

DUPLICATE SUMMARY

010003

Sample ID
A1C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/06/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 280587

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B			
Analysis	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
Aluminum	0.551	0.534	3.13%
Antimony	<0.150	<0.150	0.00%
Arsenic	<0.0500	<0.0500	0.00%
Barium	0.0977	0.0953	2.49%
Beryllium	<0.0500	<0.0500	0.00%
Bismuth	<0.100	<0.100	0.00%
Boron	0.888	0.890	0.22%
Cadmium	<0.0500	<0.0500	0.00%
Calcium	505	505	0.00%
Chromium	<0.0500	<0.0500	0.00%
Cobalt	0.0758	0.0801	5.52%
Copper	<0.0500	<0.0500	0.00%
Iron	120	120	0.00%
Lanthanum	<0.0500	<0.0500	0.00%
Lead	0.0979	0.0845	14.7%
Lithium	<0.150	<0.150	0.00%
Magnesium	106	105	0.95%
Manganese	0.799	0.798	0.13%
Molybdenum	<0.0500	<0.0500	0.00%
Nickel	<0.0500	<0.0500	0.00%
Palladium	<0.100	<0.100	0.00%
Phosphorus	0.218	<0.200	200%
Potassium	16.6	15.2	8.81%
Selenium	<0.0500	<0.0500	0.00%
Silicon	24.2	24.1	0.41%
Silver	<0.0500	<0.0500	0.00%
Sodium	167	165	1.20%
Strontium	5.17	5.12	0.97%
Sulfur	522	517	0.96%
Thallium	<0.100	<0.100	0.00%
Thorium	<0.300	<0.300	0.00%
Tin	<0.0500	<0.0500	0.00%
Titanium	<0.0500	<0.0500	0.00%
Tungsten	<0.100	<0.100	0.00%
Uranium	<1.25	<1.25	0.00%
Vanadium	<0.0500	<0.0500	0.00%
Yttrium	<0.0500	<0.0500	0.00%
Zinc	11.8	11.8	0.00%
Zirconium	<0.0500	<0.0500	0.00%

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010004

Sample ID
A2C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/06/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 280588

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	0.556	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.0893	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	0.882	0.200
Cadmium	<0.0500	0.0500
Calcium	518	0.500
Chromium	<0.0500	0.0500
Cobalt	0.0806	0.0500
Copper	<0.0500	0.0500
Iron	117	0.500
Lanthanum	<0.0500	0.0500
Lead	0.0708	0.0500
Lithium	<0.150	0.150
Magnesium	109	0.500
Manganese	0.816	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.229	0.200
Potassium	15.7	5.00
Selenium	<0.0500	0.0500
Silicon	24.6	0.200
Silver	<0.0500	0.0500
Sodium	170	2.50
Strontium	5.31	0.0500
Sulfur	537	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	11.2	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

MATRIX SPIKE SUMMARY

010005

Sample ID
A2C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/06/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 280588

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B				
Analysis	Sample Result (mg/L)	Spike Result (mg/L)	Spike Added (mg/L)	Recovery
Aluminum	0.556	19.9	20.0	96.7%
Antimony	<0.150	4.94	5.00	98.8%
Arsenic	<0.0500	20.0	20.0	100.0%
Barium	0.0893	20.2	20.0	100.6%
Beryllium	<0.0500	0.482	0.500	96.4%
Bismuth	NA	NA	NA	NA
Boron	NA	NA	NA	NA
Cadmium	<0.0500	0.485	0.500	97.0%
Calcium	518	720	200	101.0%
Chromium	<0.0500	1.92	2.00	96.0%
Cobalt	0.0806	4.97	5.00	97.8%
Copper	<0.0500	2.50	2.50	100.0%
Iron	117	127	10.0	100.0%
Lanthanum	NA	NA	NA	NA
Lead	0.0708	4.85	5.00	95.6%
Lithium	NA	NA	NA	NA
Magnesium	109	317	200	104.0%
Manganese	0.816	5.71	5.00	97.9%
Molybdenum	NA	NA	NA	NA
Nickel	<0.0500	4.83	5.00	96.6%
Palladium	NA	NA	NA	NA
Phosphorus	0.229	41.1	40.0	102.2%
Potassium	15.7	219	200	101.7%
Selenium	<0.0500	20.3	20.0	101.5%
Silicon	24.6	65.0	40.0	101.0%
Silver	<0.0500	0.501	0.500	100.2%
Sodium	170	370	200	100.0%
Strontium	NA	NA	NA	NA
Sulfur	NA	NA	NA	NA
Thallium	<0.100	20.4	20.0	102.0%
Thorium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Titanium	NA	NA	NA	NA
Tungsten	NA	NA	NA	NA
Uranium	NA	NA	NA	NA
Vanadium	<0.0500	4.82	5.00	96.4%
Yttrium	NA	NA	NA	NA
Zinc	11.2	15.8	5.00	92.0%
Zirconium	NA	NA	NA	NA

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010006

Sample ID
L01C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/06/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 280589

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.0959	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	1.03	0.200
Cadmium	<0.0500	0.0500
Calcium	161	0.500
Chromium	<0.0500	0.0500
Cobalt	0.0610	0.0500
Copper	<0.0500	0.0500
Iron	20.8	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	0.698	0.150
Magnesium	43.8	0.500
Manganese	1.01	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.283	0.200
Potassium	14.3	5.00
Selenium	<0.0500	0.0500
Silicon	13.8	0.200
Silver	<0.0500	0.0500
Sodium	69.0	2.50
Strontium	1.05	0.0500
Sulfur	192	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.790	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010007

Sample ID
L02C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/06/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 280590

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.0923	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	0.948	0.200
Cadmium	<0.0500	0.0500
Calcium	165	0.500
Chromium	<0.0500	0.0500
Cobalt	0.0770	0.0500
Copper	<0.0500	0.0500
Iron	21.7	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	0.696	0.150
Magnesium	44.0	0.500
Manganese	1.01	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.291	0.200
Potassium	13.6	5.00
Selenium	<0.0500	0.0500
Silicon	13.9	0.200
Silver	<0.0500	0.0500
Sodium	68.0	2.50
Strontium	1.05	0.0500
Sulfur	192	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	1.54	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010008

Sample ID
W1922-58C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/06/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 280643

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	14.0	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.13	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	11.8	0.200
Silver	<0.0500	0.0500
Sodium	51.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.32	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET · 010009

Sample ID
W1922-59C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/06/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 280644

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	<0.500	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.21	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	11.8	0.200
Silver	<0.0500	0.0500
Sodium	52.9	2.50
Strontium	<0.0500	0.0500
Sulfur	9.58	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010010

Sample ID
W1922-60C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/06/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 280646

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	20.1	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	19.7	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	19.3	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	19.6	5.00
Selenium	<0.0500	0.0500
Silicon	<0.200	0.200
Silver	<0.0500	0.0500
Sodium	18.9	2.50
Strontium	<0.0500	0.0500
Sulfur	<0.200	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010011

Sample ID
W1922-61C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/06/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 280647

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	20.4	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	19.8	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	19.4	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	22.1	5.00
Selenium	<0.0500	0.0500
Silicon	<0.200	0.200
Silver	<0.0500	0.0500
Sodium	19.1	2.50
Strontium	<0.0500	0.0500
Sulfur	<0.200	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

LABORATORY CONTROL SAMPLE 010012

Sample ID
LCSW - G07H4

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Water

Project No.: 06002.01.242

Lab System ID: NA

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B			
Analysis	Sample Result (mg/L)	True Value (mg/L)	Recovery
Aluminum	19.2	20.0	96.0%
Antimony	4.85	5.00	97.0%
Arsenic	19.7	20.0	98.5%
Barium	20.0	20.0	100.0%
Beryllium	0.489	0.500	97.8%
Bismuth	NA	NA	NA
Boron	NA	NA	NA
Cadmium	0.486	0.500	97.2%
Calcium	202	200	101.0%
Chromium	1.88	2.00	94.0%
Cobalt	4.90	5.00	98.0%
Copper	2.37	2.50	94.8%
Iron	11.0	10.0	110.0%
Lanthanum	NA	NA	NA
Lead	4.79	5.00	95.8%
Lithium	NA	NA	NA
Magnesium	200	200	100.0%
Manganese	4.93	5.00	98.6%
Molybdenum	NA	NA	NA
Nickel	4.72	5.00	94.4%
Palladium	NA	NA	NA
Phosphorus	40.6	40.0	101.5%
Potassium	197	200	98.5%
Selenium	20.0	20.0	100.0%
Silicon	39.9	40.0	99.8%
Silver	0.484	0.500	96.8%
Sodium	200	200	100.0%
Strontium	NA	NA	NA
Sulfur	NA	NA	NA
Thallium	20.2	20.0	101.0%
Thorium	NA	NA	NA
Tin	NA	NA	NA
Titanium	NA	NA	NA
Tungsten	NA	NA	NA
Uranium	NA	NA	NA
Vanadium	4.79	5.00	95.8%
Yttrium	NA	NA	NA
Zinc	4.90	5.00	98.0%
Zirconium	NA	NA	NA

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

BLANK SUMMARY

010013

Sample ID
PBW - G07H4

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Water

Project No.: 06002.01.242

Lab System ID: NA

SRR: 29276

Task Order: 060606-10

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	<0.500	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	<0.500	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	<0.200	0.200
Silver	<0.0500	0.0500
Sodium	<2.50	2.50
Strontium	<0.0500	0.0500
Sulfur	<0.200	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010014

Sample ID
19CW-3C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282138

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.635	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	16.5	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.37	0.500
Manganese	0.0678	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.245	0.200
Potassium	5.82	5.00
Selenium	<0.0500	0.0500
Silicon	13.9	0.200
Silver	<0.0500	0.0500
Sodium	60.2	2.50
Strontium	<0.0500	0.0500
Sulfur	9.35	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.331	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

DUPLICATE SUMMARY

010015

Sample ID: 19CW-3C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282138

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B			
Analysis	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
Aluminum	<0.500	<0.500	0.00%
Antimony	<0.150	<0.150	0.00%
Arsenic	<0.0500	<0.0500	0.00%
Barium	0.635	0.634	0.16%
Beryllium	<0.0500	<0.0500	0.00%
Bismuth	<0.100	<0.100	0.00%
Boron	<0.200	<0.200	0.00%
Cadmium	<0.0500	<0.0500	0.00%
Calcium	16.5	16.5	0.00%
Chromium	<0.0500	<0.0500	0.00%
Cobalt	<0.0500	<0.0500	0.00%
Copper	<0.0500	<0.0500	0.00%
Iron	<0.500	<0.500	0.00%
Lanthanum	<0.0500	<0.0500	0.00%
Lead	<0.0500	<0.0500	0.00%
Lithium	<0.150	<0.150	0.00%
Magnesium	1.37	1.40	2.17%
Manganese	0.0678	0.0674	0.59%
Molybdenum	<0.0500	<0.0500	0.00%
Nickel	<0.0500	<0.0500	0.00%
Palladium	<0.100	<0.100	0.00%
Phosphorus	0.245	0.277	12.3%
Potassium	5.82	6.87	16.5%
Selenium	<0.0500	<0.0500	0.00%
Silicon	13.9	13.8	0.72%
Silver	<0.0500	<0.0500	0.00%
Sodium	60.2	59.8	0.67%
Strontium	<0.0500	<0.0500	0.00%
Sulfur	9.35	9.40	0.53%
Thallium	<0.100	<0.100	0.00%
Thorium	<0.300	<0.300	0.00%
Tin	<0.0500	<0.0500	0.00%
Titanium	<0.0500	<0.0500	0.00%
Tungsten	<0.100	<0.100	0.00%
Uranium	<1.25	<1.25	0.00%
Vanadium	<0.0500	<0.0500	0.00%
Yttrium	<0.0500	<0.0500	0.00%
Zinc	0.331	0.334	0.90%
Zirconium	<0.0500	<0.0500	0.00%

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010016

Sample ID
19CW-4C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282139

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.652	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	15.9	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.39	0.500
Manganese	0.0514	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.215	0.200
Potassium	5.68	5.00
Selenium	<0.0500	0.0500
Silicon	13.7	0.200
Silver	<0.0500	0.0500
Sodium	59.8	2.50
Strontium	<0.0500	0.0500
Sulfur	9.45	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.354	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

MATRIX SPIKE SUMMARY

010017

Sample ID
19CW-4C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282139

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B				
Analysis	Sample Result (mg/L)	Spike Result (mg/L)	Spike Added (mg/L)	Recovery
Aluminum	<0.500	19.3	20.0	96.5%
Antimony	<0.150	4.86	5.00	97.2%
Arsenic	<0.0500	19.7	20.0	98.5%
Barium	0.652	20.6	20.0	99.7%
Beryllium	<0.0500	0.487	0.500	97.4%
Bismuth	NA	NA	NA	NA
Boron	NA	NA	NA	NA
Cadmium	<0.0500	0.478	0.500	95.6%
Calcium	15.9	218	200	101.1%
Chromium	<0.0500	1.90	2.00	95.0%
Cobalt	<0.0500	4.89	5.00	97.8%
Copper	<0.0500	2.42	2.50	96.8%
Iron	<0.500	10.9	10.0	109.0%
Lanthanum	NA	NA	NA	NA
Lead	<0.0500	4.76	5.00	95.2%
Lithium	NA	NA	NA	NA
Magnesium	1.39	202	200	100.3%
Manganese	0.0514	4.93	5.00	97.6%
Molybdenum	NA	NA	NA	NA
Nickel	<0.0500	4.77	5.00	95.4%
Palladium	NA	NA	NA	NA
Phosphorus	0.215	40.4	40.0	100.5%
Potassium	5.68	206	200	100.2%
Selenium	<0.0500	20.1	20.0	100.5%
Silicon	13.7	53.8	40.0	100.3%
Silver	<0.0500	0.468	0.500	93.6%
Sodium	59.8	259	200	99.6%
Strontium	NA	NA	NA	NA
Sulfur	NA	NA	NA	NA
Thallium	<0.100	20.2	20.0	101.0%
Thorium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Titanium	NA	NA	NA	NA
Tungsten	NA	NA	NA	NA
Uranium	NA	NA	NA	NA
Vanadium	<0.0500	4.79	5.00	95.8%
Yttrium	NA	NA	NA	NA
Zinc	0.354	5.20	5.00	96.9%
Zirconium	NA	NA	NA	NA

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010018

Sample ID
19CW-5C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282140

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.536	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	15.3	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.36	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.247	0.200
Potassium	7.11	5.00
Selenium	<0.0500	0.0500
Silicon	13.3	0.200
Silver	<0.0500	0.0500
Sodium	59.9	2.50
Strontium	<0.0500	0.0500
Sulfur	9.39	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.137	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010019

Sample ID
19CW-6C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282141

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.506	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	15.4	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.22	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.233	0.200
Potassium	5.11	5.00
Selenium	<0.0500	0.0500
Silicon	13.0	0.200
Silver	<0.0500	0.0500
Sodium	58.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.55	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0771	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010020

Sample ID
19CW-7C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282142

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.535	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	14.8	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.09	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.8	0.200
Silver	<0.0500	0.0500
Sodium	58.6	2.50
Strontium	<0.0500	0.0500
Sulfur	9.41	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0647	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010021

Sample ID
19CW-8C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282143

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.517	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	14.7	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.15	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	6.62	5.00
Selenium	<0.0500	0.0500
Silicon	12.7	0.200
Silver	<0.0500	0.0500
Sodium	58.4	2.50
Strontium	<0.0500	0.0500
Sulfur	9.54	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0521	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010022

Sample ID: 19CW-9C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282144

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.499	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	14.6	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.12	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	7.72	5.00
Selenium	<0.0500	0.0500
Silicon	12.7	0.200
Silver	<0.0500	0.0500
Sodium	58.9	2.50
Strontium	<0.0500	0.0500
Sulfur	9.46	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0522	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010023

Sample ID
22C-10C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282145

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.509	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.64	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.712	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.9	0.200
Silver	<0.0500	0.0500
Sodium	73.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.26	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010024
Sample ID
22C-11C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282146

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.536	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.33	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.641	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.9	0.200
Silver	<0.0500	0.0500
Sodium	75.1	2.50
Strontium	<0.0500	0.0500
Sulfur	9.18	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010025

Sample ID

22C-12C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282147

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	0.694	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.560	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	0.284	0.200
Cadmium	<0.0500	0.0500
Calcium	4.52	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	0.0659	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	<0.500	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	1.99	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	16.1	0.200
Silver	<0.0500	0.0500
Sodium	109	2.50
Strontium	<0.0500	0.0500
Sulfur	9.16	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	1.17	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010026

Sample ID
22C-1C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282148

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.545	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.91	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.670	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.269	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.7	0.200
Silver	<0.0500	0.0500
Sodium	79.2	2.50
Strontium	<0.0500	0.0500
Sulfur	9.27	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0554	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010027

Sample ID
22C-2C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282149

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.552	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	7.34	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.709	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.243	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.5	0.200
Silver	<0.0500	0.0500
Sodium	75.2	2.50
Strontium	<0.0500	0.0500
Sulfur	9.39	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0620	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010028

Sample ID
22C-3C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282150

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.576	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.98	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.705	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.7	0.200
Silver	<0.0500	0.0500
Sodium	76.6	2.50
Strontium	<0.0500	0.0500
Sulfur	9.53	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010029

Sample ID
22C-4C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282151

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.526	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	7.27	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.703	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.206	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.6	0.200
Silver	<0.0500	0.0500
Sodium	73.8	2.50
Strontium	<0.0500	0.0500
Sulfur	9.29	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0509	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010030

Sample ID
22C-5C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282152

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.511	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	7.65	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.831	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.231	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.7	0.200
Silver	<0.0500	0.0500
Sodium	75.9	2.50
Strontium	<0.0500	0.0500
Sulfur	9.48	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0541	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010031

Sample ID

22C-6C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282153

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.497	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.88	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.785	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.7	0.200
Silver	<0.0500	0.0500
Sodium	75.1	2.50
Strontium	<0.0500	0.0500
Sulfur	9.45	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0510	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010032

Sample ID: 22C-7C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282154

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.481	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	7.57	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.779	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.230	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.5	0.200
Silver	<0.0500	0.0500
Sodium	72.8	2.50
Strontium	<0.0500	0.0500
Sulfur	9.38	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0566	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010033

Sample ID
22C-8C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282155

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.538	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	5.91	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.620	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	5.06	5.00
Selenium	<0.0500	0.0500
Silicon	12.9	0.200
Silver	<0.0500	0.0500
Sodium	79.7	2.50
Strontium	<0.0500	0.0500
Sulfur	9.23	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010034

Sample ID
22C-9C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282156

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.504	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.60	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.671	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	7.08	5.00
Selenium	<0.0500	0.0500
Silicon	12.8	0.200
Silver	<0.0500	0.0500
Sodium	75.0	2.50
Strontium	<0.0500	0.0500
Sulfur	9.32	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010035

Sample ID
22CW-10C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282157

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.546	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	13.7	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.35	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.254	0.200
Potassium	7.61	5.00
Selenium	<0.0500	0.0500
Silicon	12.5	0.200
Silver	<0.0500	0.0500
Sodium	54.0	2.50
Strontium	<0.0500	0.0500
Sulfur	9.44	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

LABORATORY CONTROL SAMPLE 010036

Sample ID
LCSW - G07H2

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Water

Project No.: 06002.01.242

Lab System ID: NA

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B			
Analysis	Sample Result (mg/L)	True Value (mg/L)	Recovery
Aluminum	19.3	20.0	96.5%
Antimony	4.91	5.00	98.2%
Arsenic	19.8	20.0	99.0%
Barium	20.0	20.0	100.0%
Beryllium	0.491	0.500	98.2%
Bismuth	NA	NA	NA
Boron	NA	NA	NA
Cadmium	0.479	0.500	95.8%
Calcium	205	200	102.5%
Chromium	1.91	2.00	95.5%
Cobalt	4.90	5.00	98.0%
Copper	2.44	2.50	97.6%
Iron	11.1	10.0	111.0%
Lanthanum	NA	NA	NA
Lead	4.82	5.00	96.4%
Lithium	NA	NA	NA
Magnesium	203	200	101.5%
Manganese	4.91	5.00	98.2%
Molybdenum	NA	NA	NA
Nickel	4.82	5.00	96.4%
Palladium	NA	NA	NA
Phosphorus	40.4	40.0	101.0%
Potassium	202	200	101.0%
Selenium	20.1	20.0	100.5%
Silicon	40.0	40.0	100.0%
Silver	0.473	0.500	94.6%
Sodium	202	200	101.0%
Strontium	NA	NA	NA
Sulfur	NA	NA	NA
Thallium	20.3	20.0	101.5%
Thorium	NA	NA	NA
Tin	NA	NA	NA
Titanium	NA	NA	NA
Tungsten	NA	NA	NA
Uranium	NA	NA	NA
Vanadium	4.81	5.00	96.2%
Yttrium	NA	NA	NA
Zinc	4.88	5.00	97.6%
Zirconium	NA	NA	NA

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

BLANK SUMMARY

010037

Sample ID
PBW - G07H2

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Water

Project No.: 06002.01.242

Lab System ID: NA

SRR: 29411

Task Order: 060630-4

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	<0.500	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	<0.500	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	<0.200	0.200
Silver	<0.0500	0.0500
Sodium	<2.50	2.50
Strontium	<0.0500	0.0500
Sulfur	<0.200	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010038

Sample ID: 1922-1C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282118

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	4.54	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.06	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.0	0.200
Silver	<0.0500	0.0500
Sodium	52.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.10	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

DUPLICATE SUMMARY

010039

Sample ID
1922-1C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282118

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B			
Analysis	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
Aluminum	<0.500	<0.500	0.00%
Antimony	<0.150	<0.150	0.00%
Arsenic	<0.0500	<0.0500	0.00%
Barium	<0.0500	<0.0500	0.00%
Beryllium	<0.0500	<0.0500	0.00%
Bismuth	<0.100	<0.100	0.00%
Boron	<0.200	<0.200	0.00%
Cadmium	<0.0500	<0.0500	0.00%
Calcium	4.54	4.53	0.22%
Chromium	<0.0500	<0.0500	0.00%
Cobalt	<0.0500	<0.0500	0.00%
Copper	<0.0500	<0.0500	0.00%
Iron	<0.500	<0.500	0.00%
Lanthanum	<0.0500	<0.0500	0.00%
Lead	<0.0500	<0.0500	0.00%
Lithium	<0.150	<0.150	0.00%
Magnesium	1.06	1.06	0.00%
Manganese	<0.0500	<0.0500	0.00%
Molybdenum	<0.0500	<0.0500	0.00%
Nickel	<0.0500	<0.0500	0.00%
Palladium	<0.100	<0.100	0.00%
Phosphorus	<0.200	<0.200	0.00%
Potassium	<5.00	5.15	200%
Selenium	<0.0500	<0.0500	0.00%
Silicon	12.0	11.9	0.84%
Silver	<0.0500	<0.0500	0.00%
Sodium	52.5	51.1	2.70%
Strontium	<0.0500	<0.0500	0.00%
Sulfur	9.10	8.95	1.66%
Thallium	<0.100	<0.100	0.00%
Thorium	<0.300	<0.300	0.00%
Tin	<0.0500	<0.0500	0.00%
Titanium	<0.0500	<0.0500	0.00%
Tungsten	<0.100	<0.100	0.00%
Uranium	<1.25	<1.25	0.00%
Vanadium	<0.0500	<0.0500	0.00%
Yttrium	<0.0500	<0.0500	0.00%
Zinc	<0.0500	<0.0500	0.00%
Zirconium	<0.0500	<0.0500	0.00%

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010040

Sample ID
1922-2C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282119

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	20.3	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	19.9	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	19.3	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	19.8	5.00
Selenium	<0.0500	0.0500
Silicon	<0.200	0.200
Silver	<0.0500	0.0500
Sodium	18.9	2.50
Strontium	<0.0500	0.0500
Sulfur	<0.200	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

MATRIX SPIKE SUMMARY 010041

Sample ID
1922-2C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282119

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B				
Analysis	Sample Result (mg/L)	Spike Result (mg/L)	Spike Added (mg/L)	Recovery
Aluminum	<0.500	19.4	20.0	97.0%
Antimony	<0.150	4.89	5.00	97.8%
Arsenic	<0.0500	19.8	20.0	99.0%
Barium	<0.0500	20.0	20.0	100.0%
Beryllium	<0.0500	0.492	0.500	98.4%
Bismuth	NA	NA	NA	NA
Boron	NA	NA	NA	NA
Cadmium	<0.0500	0.485	0.500	97.0%
Calcium	20.3	224	200	101.9%
Chromium	<0.0500	1.93	2.00	96.5%
Cobalt	<0.0500	4.93	5.00	98.6%
Copper	<0.0500	2.43	2.50	97.2%
Iron	19.9	31.3	10.0	114.0%
Lanthanum	NA	NA	NA	NA
Lead	<0.0500	4.84	5.00	96.8%
Lithium	NA	NA	NA	NA
Magnesium	19.3	222	200	101.4%
Manganese	<0.0500	4.93	5.00	98.6%
Molybdenum	NA	NA	NA	NA
Nickel	<0.0500	4.84	5.00	96.8%
Palladium	NA	NA	NA	NA
Phosphorus	<0.200	40.8	40.0	102.0%
Potassium	19.8	221	200	100.6%
Selenium	<0.0500	20.3	20.0	101.5%
Silicon	<0.200	40.9	40.0	102.3%
Silver	<0.0500	0.487	0.500	97.4%
Sodium	18.9	220	200	100.6%
Strontium	NA	NA	NA	NA
Sulfur	NA	NA	NA	NA
Thallium	<0.100	20.2	20.0	101.0%
Thorium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Titanium	NA	NA	NA	NA
Tungsten	NA	NA	NA	NA
Uranium	NA	NA	NA	NA
Vanadium	<0.0500	4.84	5.00	96.8%
Yttrium	NA	NA	NA	NA
Zinc	<0.0500	4.92	5.00	98.4%
Zirconium	NA	NA	NA	NA

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE 010042

SAMPLE ANALYSIS DATA SHEET

Sample ID
1922-3C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282120

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	20.4	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	20.2	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	19.4	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	20.5	5.00
Selenium	<0.0500	0.0500
Silicon	<0.200	0.200
Silver	<0.0500	0.0500
Sodium	20.1	2.50
Strontium	<0.0500	0.0500
Sulfur	<0.200	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010043

Sample ID
19C-10C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282121

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.572	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.35	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.571	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	5.05	5.00
Selenium	<0.0500	0.0500
Silicon	13.1	0.200
Silver	<0.0500	0.0500
Sodium	76.8	2.50
Strontium	<0.0500	0.0500
Sulfur	9.54	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010044

Sample ID
19C-11C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282122

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	0.525	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.544	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	5.72	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.666	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	13.6	0.200
Silver	<0.0500	0.0500
Sodium	76.2	2.50
Strontium	<0.0500	0.0500
Sulfur	9.46	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.203	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010045

Sample ID
19C-12C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282123

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	0.651	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.560	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	0.266	0.200
Cadmium	<0.0500	0.0500
Calcium	4.16	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	<0.500	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	15.6	0.200
Silver	<0.0500	0.0500
Sodium	112	2.50
Strontium	<0.0500	0.0500
Sulfur	9.36	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010046

Sample ID: 19C-1C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282124

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.542	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.96	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.777	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	0.0637	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	13.5	0.200
Silver	<0.0500	0.0500
Sodium	77.2	2.50
Strontium	<0.0500	0.0500
Sulfur	9.56	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0746	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010047

Sample ID

19C-2C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282125

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.507	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	7.10	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.759	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.288	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	13.3	0.200
Silver	<0.0500	0.0500
Sodium	76.3	2.50
Strontium	<0.0500	0.0500
Sulfur	9.50	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0791	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010048

Sample ID
19C-3C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282126

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.493	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.93	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.666	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.274	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	13.2	0.200
Silver	<0.0500	0.0500
Sodium	76.6	2.50
Strontium	<0.0500	0.0500
Sulfur	9.34	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0834	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

Sample ID 010049

19C-4C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282127

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.478	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.93	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.726	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	13.1	0.200
Silver	<0.0500	0.0500
Sodium	77.6	2.50
Strontium	<0.0500	0.0500
Sulfur	9.46	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0749	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010050

Sample ID
19C-5C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282128

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.502	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.63	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.619	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	13.1	0.200
Silver	<0.0500	0.0500
Sodium	78.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.59	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0642	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010051

Sample ID: 19C-6C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282129

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.91	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.728	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.9	0.200
Silver	<0.0500	0.0500
Sodium	75.6	2.50
Strontium	<0.0500	0.0500
Sulfur	9.47	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0581	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010052

Sample ID: 19C-7C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282130

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.504	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	6.30	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.666	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	13.3	0.200
Silver	<0.0500	0.0500
Sodium	77.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.45	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0649	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010053

Sample ID
19C-8C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282131

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.552	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	5.95	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.556	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	5.86	5.00
Selenium	<0.0500	0.0500
Silicon	13.1	0.200
Silver	<0.0500	0.0500
Sodium	76.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.48	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010054

Sample ID: 19C-9C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282132

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.556	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	5.99	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.627	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	6.38	5.00
Selenium	<0.0500	0.0500
Silicon	13.1	0.200
Silver	<0.0500	0.0500
Sodium	79.1	2.50
Strontium	<0.0500	0.0500
Sulfur	9.46	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010055

Sample ID
19CW-10C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282133

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.502	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	14.4	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.998	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	6.11	5.00
Selenium	<0.0500	0.0500
Silicon	12.6	0.200
Silver	<0.0500	0.0500
Sodium	58.3	2.50
Strontium	<0.0500	0.0500
Sulfur	9.50	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010056

Sample ID
19CW-11C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282134

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.504	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	13.1	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.05	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.5	0.200
Silver	<0.0500	0.0500
Sodium	59.2	2.50
Strontium	<0.0500	0.0500
Sulfur	9.38	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010057

Sample ID
19CW-12C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282135

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.569	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	0.278	0.200
Cadmium	<0.0500	0.0500
Calcium	3.34	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	<0.500	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	14.5	0.200
Silver	<0.0500	0.0500
Sodium	93.3	2.50
Strontium	<0.0500	0.0500
Sulfur	9.45	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010058

Sample ID
19CW-1C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282136

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	0.584	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.658	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	17.1	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.44	0.500
Manganese	0.108	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.353	0.200
Potassium	7.77	5.00
Selenium	<0.0500	0.0500
Silicon	14.1	0.200
Silver	<0.0500	0.0500
Sodium	60.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.41	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.340	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010059

Sample ID
19CW-2C

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 282137

Client: Division 20

Date Received: 06/29/06

Project No.: 06002.01.242

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.625	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	16.9	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.43	0.500
Manganese	0.0813	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.321	0.200
Potassium	6.85	5.00
Selenium	<0.0500	0.0500
Silicon	13.9	0.200
Silver	<0.0500	0.0500
Sodium	59.2	2.50
Strontium	<0.0500	0.0500
Sulfur	9.50	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.321	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

LABORATORY CONTROL SAMPLE 010060

Sample ID
LCSW - G07H1

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Water

Project No.: 06002.01.242

Lab System ID: NA

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B			
Analysis	Sample Result (mg/L)	True Value (mg/L)	Recovery
Aluminum	19.2	20.0	96.0%
Antimony	4.90	5.00	98.0%
Arsenic	19.7	20.0	98.5%
Barium	19.9	20.0	99.5%
Beryllium	0.489	0.500	97.8%
Bismuth	NA	NA	NA
Boron	NA	NA	NA
Cadmium	0.481	0.500	96.2%
Calcium	205	200	102.5%
Chromium	1.90	2.00	95.0%
Cobalt	4.88	5.00	97.6%
Copper	2.42	2.50	96.8%
Iron	11.5	10.0	115.0%
Lanthanum	NA	NA	NA
Lead	4.76	5.00	95.2%
Lithium	NA	NA	NA
Magnesium	203	200	101.5%
Manganese	4.89	5.00	97.8%
Molybdenum	NA	NA	NA
Nickel	4.78	5.00	95.6%
Palladium	NA	NA	NA
Phosphorus	40.2	40.0	100.5%
Potassium	202	200	101.0%
Selenium	20.0	20.0	100.0%
Silicon	39.9	40.0	99.8%
Silver	0.485	0.500	97.0%
Sodium	201	200	100.5%
Strontium	NA	NA	NA
Sulfur	NA	NA	NA
Thallium	20.1	20.0	100.5%
Thorium	NA	NA	NA
Tin	NA	NA	NA
Titanium	NA	NA	NA
Tungsten	NA	NA	NA
Uranium	NA	NA	NA
Vanadium	4.81	5.00	96.2%
Yttrium	NA	NA	NA
Zinc	4.86	5.00	97.2%
Zirconium	NA	NA	NA

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

BLANK SUMMARY

010061

Sample ID
PBW - G07H1

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Water

Project No.: 06002.01.242

Lab System ID: NA

SRR: 29411

Task Order: 060630-3

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	<0.500	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	<0.500	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	<0.200	0.200
Silver	<0.0500	0.0500
Sodium	<2.50	2.50
Strontium	<0.0500	0.0500
Sulfur	<0.200	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010062

Sample ID
22CW-11C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282158

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.523	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	13.5	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.44	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	5.02	5.00
Selenium	<0.0500	0.0500
Silicon	12.5	0.200
Silver	<0.0500	0.0500
Sodium	56.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.46	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

DUPLICATE SUMMARY

010063

Sample ID
22CW-11C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282158

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B			
Analysis	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
Aluminum	<0.500	<0.500	0.00%
Antimony	<0.150	<0.150	0.00%
Arsenic	<0.0500	<0.0500	0.00%
Barium	0.523	0.518	0.96%
Beryllium	<0.0500	<0.0500	0.00%
Bismuth	<0.100	<0.100	0.00%
Boron	<0.200	<0.200	0.00%
Cadmium	<0.0500	<0.0500	0.00%
Calcium	13.5	13.4	0.74%
Chromium	<0.0500	<0.0500	0.00%
Cobalt	<0.0500	<0.0500	0.00%
Copper	<0.0500	<0.0500	0.00%
Iron	<0.500	<0.500	0.00%
Lanthanum	<0.0500	<0.0500	0.00%
Lead	<0.0500	<0.0500	0.00%
Lithium	<0.150	<0.150	0.00%
Magnesium	1.44	1.47	2.06%
Manganese	<0.0500	<0.0500	0.00%
Molybdenum	<0.0500	<0.0500	0.00%
Nickel	<0.0500	<0.0500	0.00%
Palladium	<0.100	<0.100	0.00%
Phosphorus	<0.200	<0.200	0.00%
Potassium	5.02	5.67	12.2%
Selenium	<0.0500	<0.0500	0.00%
Silicon	12.5	12.4	0.80%
Silver	<0.0500	<0.0500	0.00%
Sodium	56.5	56.7	0.35%
Strontium	<0.0500	<0.0500	0.00%
Sulfur	9.46	9.46	0.00%
Thallium	<0.100	<0.100	0.00%
Thorium	<0.300	<0.300	0.00%
Tin	<0.0500	<0.0500	0.00%
Titanium	<0.0500	<0.0500	0.00%
Tungsten	<0.100	<0.100	0.00%
Uranium	<1.25	<1.25	0.00%
Vanadium	<0.0500	<0.0500	0.00%
Yttrium	<0.0500	<0.0500	0.00%
Zinc	<0.0500	<0.0500	0.00%
Zirconium	<0.0500	<0.0500	0.00%

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010064

Sample ID
22CW-12C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282159

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.776	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	0.333	0.200
Cadmium	<0.0500	0.0500
Calcium	3.93	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	0.714	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	5.09	5.00
Selenium	<0.0500	0.0500
Silicon	13.8	0.200
Silver	<0.0500	0.0500
Sodium	92.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.37	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

MATRIX SPIKE SUMMARY 010065

Sample ID
22CW-12C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282159

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B				
Analysis	Sample Result (mg/L)	Spike Result (mg/L)	Spike Added (mg/L)	Recovery
Aluminum	<0.500	19.3	20.0	96.5%
Antimony	<0.150	4.79	5.00	95.8%
Arsenic	<0.0500	19.6	20.0	98.0%
Barium	0.776	20.4	20.0	98.1%
Beryllium	<0.0500	0.488	0.500	97.6%
Bismuth	NA	NA	NA	NA
Boron	NA	NA	NA	NA
Cadmium	<0.0500	0.479	0.500	95.8%
Calcium	3.93	206	200	101.0%
Chromium	<0.0500	1.87	2.00	93.5%
Cobalt	<0.0500	4.87	5.00	97.4%
Copper	<0.0500	2.38	2.50	95.2%
Iron	<0.500	11.1	10.0	111.0%
Lanthanum	NA	NA	NA	NA
Lead	<0.0500	4.73	5.00	94.6%
Lithium	NA	NA	NA	NA
Magnesium	0.714	201	200	100.1%
Manganese	<0.0500	4.90	5.00	98.0%
Molybdenum	NA	NA	NA	NA
Nickel	<0.0500	4.63	5.00	92.6%
Palladium	NA	NA	NA	NA
Phosphorus	<0.200	40.4	40.0	101.0%
Potassium	5.09	205	200	100.0%
Selenium	<0.0500	20.0	20.0	100.0%
Silicon	13.8	54.0	40.0	100.5%
Silver	<0.0500	0.479	0.500	95.8%
Sodium	92.5	288	200	97.8%
Strontium	NA	NA	NA	NA
Sulfur	NA	NA	NA	NA
Thallium	<0.100	20.0	20.0	100.0%
Thorium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Titanium	NA	NA	NA	NA
Tungsten	NA	NA	NA	NA
Uranium	NA	NA	NA	NA
Vanadium	<0.0500	4.77	5.00	95.4%
Yttrium	NA	NA	NA	NA
Zinc	<0.0500	4.87	5.00	97.4%
Zirconium	NA	NA	NA	NA

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010066

Sample ID
22CW-1C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282160

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	1.11	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.667	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	17.3	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.88	0.500
Manganese	0.0931	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.674	0.200
Potassium	5.19	5.00
Selenium	<0.0500	0.0500
Silicon	13.9	0.200
Silver	<0.0500	0.0500
Sodium	59.1	2.50
Strontium	<0.0500	0.0500
Sulfur	9.42	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.367	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010067

Sample ID
22CW-2C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282161

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	0.858	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.617	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	16.6	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.84	0.500
Manganese	0.0920	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.597	0.200
Potassium	5.81	5.00
Selenium	<0.0500	0.0500
Silicon	13.8	0.200
Silver	<0.0500	0.0500
Sodium	56.6	2.50
Strontium	<0.0500	0.0500
Sulfur	9.47	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.323	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010068

Sample ID
22CW-3C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282162

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	0.852	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.628	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	16.8	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.88	0.500
Manganese	0.0848	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.638	0.200
Potassium	6.24	5.00
Selenium	<0.0500	0.0500
Silicon	13.8	0.200
Silver	<0.0500	0.0500
Sodium	57.4	2.50
Strontium	<0.0500	0.0500
Sulfur	9.22	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.350	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010069

Sample ID
22CW-4C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282163

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	0.539	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.540	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	15.9	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.82	0.500
Manganese	0.0567	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.479	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	13.5	0.200
Silver	<0.0500	0.0500
Sodium	56.5	2.50
Strontium	<0.0500	0.0500
Sulfur	9.28	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.305	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010070

Sample ID: 22CW-5C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282164

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.553	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	15.5	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.78	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.481	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	13.4	0.200
Silver	<0.0500	0.0500
Sodium	57.1	2.50
Strontium	<0.0500	0.0500
Sulfur	9.28	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.272	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010071

Sample ID
22CW-6C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282165

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.503	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	15.1	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.64	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.361	0.200
Potassium	6.30	5.00
Selenium	<0.0500	0.0500
Silicon	13.0	0.200
Silver	<0.0500	0.0500
Sodium	56.2	2.50
Strontium	<0.0500	0.0500
Sulfur	9.39	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.193	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010072

Sample ID
22CW-7C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282166

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.480	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	14.8	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.61	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.404	0.200
Potassium	8.68	5.00
Selenium	<0.0500	0.0500
Silicon	12.8	0.200
Silver	<0.0500	0.0500
Sodium	55.8	2.50
Strontium	<0.0500	0.0500
Sulfur	9.36	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0989	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010073

Sample ID: 22CW-8C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282167

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.486	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	14.4	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.58	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.443	0.200
Potassium	6.12	5.00
Selenium	<0.0500	0.0500
Silicon	12.6	0.200
Silver	<0.0500	0.0500
Sodium	56.3	2.50
Strontium	<0.0500	0.0500
Sulfur	9.34	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0709	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010074

Sample ID
22CW-9C

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 06/29/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 282168

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	0.515	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	14.2	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	1.60	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	0.271	0.200
Potassium	6.00	5.00
Selenium	<0.0500	0.0500
Silicon	12.6	0.200
Silver	<0.0500	0.0500
Sodium	55.7	2.50
Strontium	<0.0500	0.0500
Sulfur	9.42	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	0.0579	0.0500
Zirconium	<0.0500	0.0500

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SOUTHWEST RESEARCH INSTITUTE

LABORATORY CONTROL SAMPLE

010075

Sample ID
LCSW - G07H3

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Water

Project No.: 06002.01.242

Lab System ID: NA

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B			
Analysis	Sample Result (mg/L)	True Value (mg/L)	Recovery
Aluminum	19.4	20.0	97.0%
Antimony	4.79	5.00	95.8%
Arsenic	19.7	20.0	98.5%
Barium	20.0	20.0	100.0%
Beryllium	0.495	0.500	99.0%
Bismuth	NA	NA	NA
Boron	NA	NA	NA
Cadmium	0.488	0.500	97.6%
Calcium	204	200	102.0%
Chromium	1.90	2.00	95.0%
Cobalt	4.93	5.00	98.6%
Copper	2.41	2.50	96.4%
Iron	10.9	10.0	109.0%
Lanthanum	NA	NA	NA
Lead	4.78	5.00	95.6%
Lithium	NA	NA	NA
Magnesium	201	200	100.5%
Manganese	4.97	5.00	99.4%
Molybdenum	NA	NA	NA
Nickel	4.74	5.00	94.8%
Palladium	NA	NA	NA
Phosphorus	40.4	40.0	101.0%
Potassium	200	200	100.0%
Selenium	20.1	20.0	100.5%
Silicon	40.1	40.0	100.3%
Silver	0.483	0.500	96.6%
Sodium	199	200	99.5%
Strontium	NA	NA	NA
Sulfur	NA	NA	NA
Thallium	20.2	20.0	101.0%
Thorium	NA	NA	NA
Tin	NA	NA	NA
Titanium	NA	NA	NA
Tungsten	NA	NA	NA
Uranium	NA	NA	NA
Vanadium	4.84	5.00	96.8%
Yttrium	NA	NA	NA
Zinc	4.93	5.00	98.6%
Zirconium	NA	NA	NA

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

BLANK SUMMARY

010076

Sample ID: PBW - G07H3

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Water

Project No.: 06002.01.242

Lab System ID: NA

SRR: 29411

Task Order: 060630-5

Method: ICP - 6010B		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<0.500	0.500
Antimony	<0.150	0.150
Arsenic	<0.0500	0.0500
Barium	<0.0500	0.0500
Beryllium	<0.0500	0.0500
Bismuth	<0.100	0.100
Boron	<0.200	0.200
Cadmium	<0.0500	0.0500
Calcium	<0.500	0.500
Chromium	<0.0500	0.0500
Cobalt	<0.0500	0.0500
Copper	<0.0500	0.0500
Iron	<0.500	0.500
Lanthanum	<0.0500	0.0500
Lead	<0.0500	0.0500
Lithium	<0.150	0.150
Magnesium	<0.500	0.500
Manganese	<0.0500	0.0500
Molybdenum	<0.0500	0.0500
Nickel	<0.0500	0.0500
Palladium	<0.100	0.100
Phosphorus	<0.200	0.200
Potassium	<5.00	5.00
Selenium	<0.0500	0.0500
Silicon	<0.200	0.200
Silver	<0.0500	0.0500
Sodium	<2.50	2.50
Strontium	<0.0500	0.0500
Sulfur	<0.200	0.200
Thallium	<0.100	0.100
Thorium	<0.300	0.300
Tin	<0.0500	0.0500
Titanium	<0.0500	0.0500
Tungsten	<0.100	0.100
Uranium	<1.25	1.25
Vanadium	<0.0500	0.0500
Yttrium	<0.0500	0.0500
Zinc	<0.0500	0.0500
Zirconium	<0.0500	0.0500

NA- Not Applicable.

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010077

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 060606-10, 060630-3, 060630-4, 060630-5
SRR: 29276, 29411
SDG: 280647, 282118, 282138, 282158
CASE: B. Werling
VTSR: June, 06, 29, 2006
PROJECT#: 06002.20.242, 06002.01.242

Task Orders/01-QPP-015

Southwest Research Institute

Laboratory Task Order

TO #: 060606-10 Revision: 2

010078

SDG: 280647
VTSR: 06/06/06
CASE: WERLING

SRR #'s: 29276
Client(s): Div. 20

Project(s): 06002.20.242
Manager(s): DAMMANN, MIKE
To PM: 07/12/06
To QA: 07/14/06
To Client: 07/21/06

Instructions

DIVISION 20 - CNWRA. 4-WEEK TAT. Using 27-day TAT for PM/preliminary, DRG/QAU; 28-day TAT hardcopy; subject to change.

Work is 10 CFR 50 Appendix B, 10 CFR Part 21, contact MARK EHNSTROM (ext. 3530) or CHARLIE BUTCHER (ext. 5928, pager 271-5172) or JO ANN BOYD (ext. 2169) BEFORE STARTING ANY WORK ON THIS TASK ORDER.

** NOTE ** Somewhere on your data, please make a notation indicating WHO and WHEN Mark Ehnstrom or Charlie Butcher or Jo Ann Boyd were contacted. This will help facilitate the final package to QA.

SIXTY-FIVE samples received on 06/06/06 for MAJOR & MINOR elements by ICP. The samples will be broken up into four task orders. Point of Contact is BRADLEY WERLING (x6565).

CONTACT PM WITH ANY ADDITIONAL QUESTIONS.

REVISION 1, 06/14/06: per email received from Marla Roberts on 06/13/06, all work is canceled except for samples: W1922-58C, W1922-59C, W1922-60C, W1922-61C, LO1C, LO2C, A1C and A2C. Because of that, Task Orders 060606-7, 060606-8 and 060606-9 have been canceled. The 8 samples still requiring analysis have been relocated to this task order. (dramirez)

REVISION 2, 07/13/06: these samples were batched with to#060630-3,-4 and -5, prelims were sent 7/12/06, revised due dates. (jr)

Documents Related to this task order: 23460[COC 29276]

Deliverables --> Hard Copy: -YES- EDD: no PDF: no

Test: DIL-DILUTION
Section: METALPREP

Holding: 28 days from CED

Prep, Dilution

Cnt: 8

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
280587		1	Water	A1C	05 Jun 06	03 Jul 06
280588		1	Water	A2C	05 Jun 06	03 Jul 06
280589		1	Water	L01C	05 Jun 06	03 Jul 06
280590		1	Water	L02C	05 Jun 06	03 Jul 06
280643		1	Water	W1922-58C	06 Jun 06	04 Jul 06
280644		1	Water	W1922-59C	06 Jun 06	04 Jul 06
280646		1	Water	W1922-60C	06 Jun 06	04 Jul 06
280647		1	Water	W1922-61C	06 Jun 06	04 Jul 06

Test: ICP-SWRI
Section: METALS

Holding: 180 days from CED

ICP Analysis by SwRI Method - Major, Minor elements

Cnt: 8

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
280587		1	Water	A1C	05 Jun 06	02 Dec 06
280588		1	Water	A2C	05 Jun 06	02 Dec 06
280589		1	Water	L01C	05 Jun 06	02 Dec 06
280590		1	Water	L02C	05 Jun 06	02 Dec 06
280643		1	Water	W1922-58C	06 Jun 06	03 Dec 06
280644		1	Water	W1922-59C	06 Jun 06	03 Dec 06
280646		1	Water	W1922-60C	06 Jun 06	03 Dec 06
280647		1	Water	W1922-61C	06 Jun 06	03 Dec 06

Southwest Research Institute

Laboratory Task Order

010079

TO #: 060630-3 Revision: 1

SDG: 282118
VTSR: 06/29/06
CASE: CNWRA

SRR #'s: 29411
Client(s): Div. 20

Project(s): 06002.01.242
Manager(s): DAMMANN, MIKE
To PM: 07/12/06
To QA: 07/14/06
To Client: 07/21/06

Instructions

DIVISION 20 - CNWRA. 2-WEEK TAT. Using 13-day TAT for PM/preliminary, DRG/QAU; 14-day TAT hardcopy; subject to change.
Work is 10 CFR 50 Appendix B, 10 CFR Part 21, contact MARK EHNSTROM (ext. 3530) or CHARLIE BUTCHER (ext. 5928, pager 271-5172) or JO ANN BOYD (ext. 2169) BEFORE STARTING ANY WORK ON THIS TASK ORDER.

** NOTE ** Somewhere on your data, please make a notation indicating WHO and WHEN Mark Ehnstrom or Charlie Butcher or Jo Ann Boyd were contacted. This will help facilitate the final package to QA.

FIFTY-ONE samples received on 06/29/06 for MAJOR & MINOR elements by ICP. The samples will be broken up into three task orders. Point of Contact is BRADLEY WERLING (x6565).
CONTACT PM WITH ANY ADDITIONAL QUESTIONS.
REVISION 1, 07/13/06: prelims were sent 7/12/06, revised due dates. (jr)

Documents Related to this task order: 24116 [COC 29411]

Deliverables --> Hard Copy: -YES- EDD: no PDF: no

Test: DIL-DILUTION
Section: METALPREP

Holding: 28 days from CED
Prep, Dilution

Cnt: 20

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
282118		1	Water	1922-1C	28 Jun 06	26 Jul 06
282119		1	Water	1922-2C	28 Jun 06	26 Jul 06
282120		1	Water	1922-3C	28 Jun 06	26 Jul 06
282121		1	Water	19C-10C	28 Jun 06	26 Jul 06
282122		1	Water	19C-11C	28 Jun 06	26 Jul 06
282123		1	Water	19C-12C	28 Jun 06	26 Jul 06
282124		1	Water	19C-1C	28 Jun 06	26 Jul 06
282125		1	Water	19C-2C	28 Jun 06	26 Jul 06
282126		1	Water	19C-3C	28 Jun 06	26 Jul 06
282127		1	Water	19C-4C	28 Jun 06	26 Jul 06
282128		1	Water	19C-5C	28 Jun 06	26 Jul 06
282129		1	Water	19C-6C	28 Jun 06	26 Jul 06
282130		1	Water	19C-7C	28 Jun 06	26 Jul 06
282131		1	Water	19C-8C	28 Jun 06	26 Jul 06
282132		1	Water	19C-9C	28 Jun 06	26 Jul 06
282133		1	Water	19CW-10C	28 Jun 06	26 Jul 06
282134		1	Water	19CW-11C	28 Jun 06	26 Jul 06
282135		1	Water	19CW-12C	28 Jun 06	26 Jul 06
282136		1	Water	19CW-1C	28 Jun 06	26 Jul 06
282137		1	Water	19CW-2C	28 Jun 06	26 Jul 06

Test: ICP-SWRI
Section: METALS

Holding: 180 days from CED
ICP Analysis by SwRI Method - Major, Minor elements

Cnt: 20

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
282118		1	Water	1922-1C	28 Jun 06	25 Dec 06
282119		1	Water	1922-2C	28 Jun 06	25 Dec 06
282120		1	Water	1922-3C	28 Jun 06	25 Dec 06
282121		1	Water	19C-10C	28 Jun 06	25 Dec 06
282122		1	Water	19C-11C	28 Jun 06	25 Dec 06

Southwest Research Institute

Laboratory Task Order

TO #: 060630-3 Revision: 1

010080

SDG: 282118
VTSR: 06/29/06
CASE: CNWRA

SRR #'s: 29411
Client(s): Div. 20

Project(s): 06002.01.242
Manager(s): DAMMANN, MIKE
To PM: 07/12/06
To QA: 07/14/06
To Client: 07/21/06

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
282123		1	Water	19C-12C	28 Jun 06	25 Dec 06
282124		1	Water	19C-1C	28 Jun 06	25 Dec 06
282125		1	Water	19C-2C	28 Jun 06	25 Dec 06
282126		1	Water	19C-3C	28 Jun 06	25 Dec 06
282127		1	Water	19C-4C	28 Jun 06	25 Dec 06
282128		1	Water	19C-5C	28 Jun 06	25 Dec 06
282129		1	Water	19C-6C	28 Jun 06	25 Dec 06
282130		1	Water	19C-7C	28 Jun 06	25 Dec 06
282131		1	Water	19C-8C	28 Jun 06	25 Dec 06
282132		1	Water	19C-9C	28 Jun 06	25 Dec 06
282133		1	Water	19CW-10C	28 Jun 06	25 Dec 06
282134		1	Water	19CW-11C	28 Jun 06	25 Dec 06
282135		1	Water	19CW-12C	28 Jun 06	25 Dec 06
282136		1	Water	19CW-1C	28 Jun 06	25 Dec 06
282137		1	Water	19CW-2C	28 Jun 06	25 Dec 06

Southwest Research Institute

Laboratory Task Order

TO #: 060630-4 Revision: 1

010081

SDG: 282138
VTSR: 06/29/06
CASE: CNWRA

SRR #'s: 29411
Client(s): Div. 20

Project(s): 06002.01.242
Manager(s): DAMMANN, MIKE
To PM: 07/12/06
To QA: 07/14/06
To Client: 07/21/06

Instructions

DIVISION 20 - CNWRA. 2-WEEK TAT. Using 13-day TAT for PM/preliminary, DRG/QAU; 14-day TAT hardcopy; subject to change.
Work is 10 CFR 50 Appendix B, 10 CFR Part 21, contact MARK EHNSTROM (ext. 3530) or CHARLIE BUTCHER (ext. 5928, pager 271-5172) or JO ANN BOYD (ext. 2169) BEFORE STARTING ANY WORK ON THIS TASK ORDER.

** NOTE ** Somewhere on your data, please make a notation indicating WHO and WHEN Mark Ehnstrom or Charlie Butcher or Jo Ann Boyd were contacted. This will help facilitate the final package to QA.

FIFTY-ONE samples received on 06/29/06 for MAJOR & MINOR elements by ICP. The samples will be broken up into three task orders. Point of Contact is BRADLEY WERLING (x6565).
See also: Task Order # 060630-3.
CONTACT PM WITH ANY ADDITIONAL QUESTIONS.
REVISION 1, 07/13/06: prelims were sent 7/12/06, revised due dates. (jr)

Documents Related to this task order: 24116[COC 29411]

Deliverables --> Hard Copy: -YES- EDD: no PDF: no

Test: DIL-DILUTION
Section: METALPREP

Holding: 28 days from CED
Prep, Dilution
Cnt: 20

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
282138		1	Water	19CW-3C	28 Jun 06	26 Jul 06
282139		1	Water	19CW-4C	28 Jun 06	26 Jul 06
282140		1	Water	19CW-5C	28 Jun 06	26 Jul 06
282141		1	Water	19CW-6C	28 Jun 06	26 Jul 06
282142		1	Water	19CW-7C	28 Jun 06	26 Jul 06
282143		1	Water	19CW-8C	28 Jun 06	26 Jul 06
282144		1	Water	19CW-9C	28 Jun 06	26 Jul 06
282145		1	Water	22C-10C	28 Jun 06	26 Jul 06
282146		1	Water	22C-11C	28 Jun 06	26 Jul 06
282147		1	Water	22C-12C	28 Jun 06	26 Jul 06
282148		1	Water	22C-1C	28 Jun 06	26 Jul 06
282149		1	Water	22C-2C	28 Jun 06	26 Jul 06
282150		1	Water	22C-3C	28 Jun 06	26 Jul 06
282151		1	Water	22C-4C	28 Jun 06	26 Jul 06
282152		1	Water	22C-5C	28 Jun 06	26 Jul 06
282153		1	Water	22C-6C	28 Jun 06	26 Jul 06
282154		1	Water	22C-7C	28 Jun 06	26 Jul 06
282155		1	Water	22C-8C	28 Jun 06	26 Jul 06
282156		1	Water	22C-9C	28 Jun 06	26 Jul 06
282157		1	Water	22CW-10C	28 Jun 06	26 Jul 06

Test: ICP-SWRI
Section: METALS

Holding: 180 days from CED
ICP Analysis by SwRI Method - Major, Minor elements
Cnt: 20

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
282138		1	Water	19CW-3C	28 Jun 06	25 Dec 06
282139		1	Water	19CW-4C	28 Jun 06	25 Dec 06
282140		1	Water	19CW-5C	28 Jun 06	25 Dec 06
282141		1	Water	19CW-6C	28 Jun 06	25 Dec 06

Southwest Research Institute

Laboratory Task Order

010082

TO #: 060630-4 Revision: 1

SDG: 282138
VTSR: 06/29/06
CASE: CNWRA

SRR #'s: 29411
Client(s): Div. 20

Project(s): 06002.01.242
Manager(s): DAMMANN, MIKE
To PM: 07/12/06
To QA: 07/14/06
To Client: 07/21/06

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
282142		1	Water	19CW-7C	28 Jun 06	25 Dec 06
282143		1	Water	19CW-8C	28 Jun 06	25 Dec 06
282144		1	Water	19CW-9C	28 Jun 06	25 Dec 06
282145		1	Water	22C-10C	28 Jun 06	25 Dec 06
282146		1	Water	22C-11C	28 Jun 06	25 Dec 06
282147		1	Water	22C-12C	28 Jun 06	25 Dec 06
282148		1	Water	22C-1C	28 Jun 06	25 Dec 06
282149		1	Water	22C-2C	28 Jun 06	25 Dec 06
282150		1	Water	22C-3C	28 Jun 06	25 Dec 06
282151		1	Water	22C-4C	28 Jun 06	25 Dec 06
282152		1	Water	22C-5C	28 Jun 06	25 Dec 06
282153		1	Water	22C-6C	28 Jun 06	25 Dec 06
282154		1	Water	22C-7C	28 Jun 06	25 Dec 06
282155		1	Water	22C-8C	28 Jun 06	25 Dec 06
282156		1	Water	22C-9C	28 Jun 06	25 Dec 06
282157		1	Water	22CW-10C	28 Jun 06	25 Dec 06

Southwest Research Institute

Laboratory Task Order

010083

TO #: 060630-5 Revision: 1

SDG: 282158
VTSR: 06/29/06
CASE: CNWRA

SRR #'s: 29411
Client(s): Div. 20

Project(s): 06002.01.242
Manager(s): DAMMANN, MIKE
To PM: 07/12/06
To QA: 07/14/06
To Client: 07/21/06

Instructions

DIVISION 20 - CNWRA. 2-WEEK TAT. Using 13-day TAT for PM/preliminary, DRG/QAU; 14-day TAT hardcopy; subject to change.

Work is 10 CFR 50 Appendix B, 10 CFR Part 21, contact MARK EHNSTROM (ext. 3530) or CHARLIE BUTCHER (ext. 5928, pager 271-5172) or JO ANN BOYD (ext. 2169) BEFORE STARTING ANY WORK ON THIS TASK ORDER.

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See also: Task Order # 060630-3, 060630-4.

CONTACT PM WITH ANY ADDITIONAL QUESTIONS.

REVISION 1, 07/13/06: prelims were sent 7/12/06, revised due dates. (jr)

Documents Related to this task order: 24116[COC 29411]

Deliverables --> Hard Copy: -YES- EDD: no PDF: no

Test: DIL-DILUTION
Section: METALPREP

Holding: 28 days from CED

Prep, Dilution

Cnt: 11

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
282158		1	Water	22CW-11C	28 Jun 06	26 Jul 06
282159		1	Water	22CW-12C	28 Jun 06	26 Jul 06
282160		1	Water	22CW-1C	28 Jun 06	26 Jul 06
282161		1	Water	22CW-2C	28 Jun 06	26 Jul 06
282162		1	Water	22CW-3C	28 Jun 06	26 Jul 06
282163		1	Water	22CW-4C	28 Jun 06	26 Jul 06
282164		1	Water	22CW-5C	28 Jun 06	26 Jul 06
282165		1	Water	22CW-6C	28 Jun 06	26 Jul 06
282166		1	Water	22CW-7C	28 Jun 06	26 Jul 06
282167		1	Water	22CW-8C	28 Jun 06	26 Jul 06
282168		1	Water	22CW-9C	28 Jun 06	26 Jul 06

Test: ICP-SWRI
Section: METALS

Holding: 180 days from CED

ICP Analysis by SwRI Method - Major, Minor elements

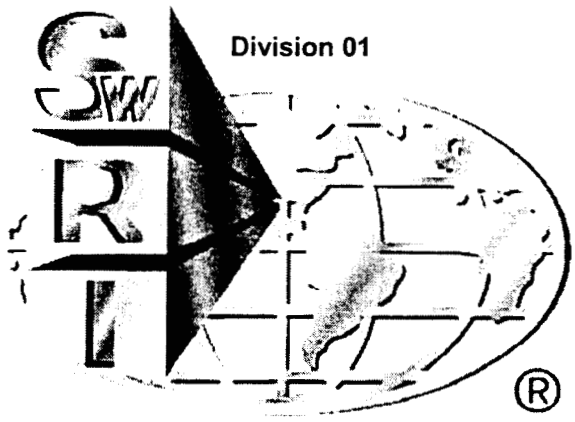
Cnt: 11

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
282158		1	Water	22CW-11C	28 Jun 06	25 Dec 06
282159		1	Water	22CW-12C	28 Jun 06	25 Dec 06
282160		1	Water	22CW-1C	28 Jun 06	25 Dec 06
282161		1	Water	22CW-2C	28 Jun 06	25 Dec 06
282162		1	Water	22CW-3C	28 Jun 06	25 Dec 06
282163		1	Water	22CW-4C	28 Jun 06	25 Dec 06
282164		1	Water	22CW-5C	28 Jun 06	25 Dec 06
282165		1	Water	22CW-6C	28 Jun 06	25 Dec 06
282166		1	Water	22CW-7C	28 Jun 06	25 Dec 06
282167		1	Water	22CW-8C	28 Jun 06	25 Dec 06
282168		1	Water	22CW-9C	28 Jun 06	25 Dec 06

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01-QPP-015
Division 01
Revision 5
June 2004

Document No. 010084



Chemistry and Chemical
Engineering Division

QUALITY PROJECT PLAN FOR

PERFORMANCE OF CHEMICAL ANALYSES FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIRONMENTAL CHEMISTRY

SOUTHWEST RESEARCH INSTITUTE
Chemistry and Chemical Engineering Division
6220 CULEBRA ROAD, SAN ANTONIO, TEXAS 78238

010085

QUALITY PROJECT PLAN FOR PERFORMANCE OF CHEMICAL ANALYSES FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIONMENTAL CHEMISTRY

SwRI AUTHORIZATION SIGNATORIES

This is to certify that this Quality Project Plan of Southwest Research Institute (SwRI) has been reviewed and approved by the following personnel:

JO ANN BOYD (210) 522-2169 — DATE 6/4/04
Quality Assurance Manager

REZA KARIMI (210) 522-2412 — DATE 6/4/04
Director, Department of Analytical and Environmental Chemistry

MICHAEL G. MACNAUGHTON (210) 522-5162 — DATE 6/4/04
Vice President, Chemistry and Chemical Engineering Division

CHRISTOPHER HOBSON (210) 522-5838 — DATE 6/4/2004
Quality Assurance Engineer

010086

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5.0 HISTORY OF REVISIONS

PERFORMANCE OF CHEMICAL ANALYSES FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIRONMENTAL CHEMISTRY

1.0 INTRODUCTION

This Quality Project Plan (QPP) defines the Quality Assurance (QA) program requirements for personnel providing the chemical analyses for commercial nuclear power plants. Southwest Research Institute (SwRI) ***Program Quality Plan (PQP-Nuclear)***, *Nuclear Services* shall implement the QA requirements. Project activities controlled by the PQP-Nuclear shall be accomplished as specified by the appropriate sections of **01-QAP-004**, *Quality Assurance Plan for Analytical and Environmental Services* and/or nationally recognized testing methods as specified on individual purchase orders. This QPP shall be applied to all projects initiated for nuclear utilities in the Department of Analytical and Environmental Chemistry. If, as a result of complexity, duration, or other factors, it is determined that a unique, project-specific quality plan is required, the project QAE shall notify the Project Manager and a project-specific quality plan shall be generated in accordance with **SOP-01-4.2.1**, *Preparation and Revision of Documented Procedures.*

2.0 SCOPE

This Quality Project Plan shall be applied to the chemical analyses performed for commercial nuclear power plants by the Department of Analytical and Environmental Chemistry within the Chemistry and Chemical Engineering Division. Although the majority of the work performed for nuclear facilities resides within the Department of Analytical and Environmental Chemistry, other departments within the division may utilize this Quality Project Plan as deemed necessary when nuclear projects are conducted.

3.0 REFERENCES

3.1 *SwRI Quality System Manual – 2000*

3.2 *10 CFR 50, Appendix B, ASME NQA-1*

3.3 *SwRI Program Quality Plan (PQP-Nuclear), Nuclear Services*

3.4 01-QAP-004, *Quality Assurance Plan for Analytical and Environmental Services*

4.0 APPLICABLE SECTIONS OF SwRI PROGRAM QUALITY PLAN (PQP-NUCLEAR)

4.1 Indoctrination and Training

4.1.1 Personnel performing duties affecting quality shall receive quality training to the *SwRI Program Quality Plan (PQP-Nuclear), Nuclear Services* prior to performing any work on projects for nuclear utilities. This training will be conducted either by Institute Quality Systems (IQS) or Division 01 Quality Assurance personnel and documentation shall be evident in the personnel training files maintained in Division

01 Quality Assurance.

4.1.2 Indoctrination and training of personnel shall be conducted in accordance with **SOP-01-6.2.1**, *Qualification and Training*.

4.2 Qualification of Personnel

4.2.1 Testing personnel shall be designated as qualified to perform applicable activities as specified in **SOP-01-6.2.1**, *Qualification and Training*.

4.2.2 During the performance of each testing process, testing personnel shall have access to the necessary documented procedures, i.e., QPP, QAPP, Technical Division Quality System Standard Operating Procedures (SOPs), and applicable test/analytical procedures (TAPs) available for ready reference.

4.2.3 Any person who has not performed testing activities associated with an analytical method being used for nuclear utilities projects for a period of one year shall be reevaluated prior to the conduct of the test.

4.2.4 Quality Assurance personnel witnessing the testing process for nuclear projects shall have documented evidence of qualifications maintained by Institutional Training Systems or Division 01 Quality Assurance.

4.3 Design Control

Not applicable to activities conducted within the Department of Analytical and Environmental Chemistry.

4.4 Right of Access

4.4.1 Procurement documents shall provide for access to the suppliers' facilities and records for surveillance, inspection, or audit by SwRI and clients.

4.4.2 Where appropriate, quality clause **Q32** shall be noted on the procurement documents to indicate that right of access for inspection and surveillance of activities associated with the order shall be afforded to SwRI and clients.

4.5 Control of Supplier-Generated Documents

4.5.1 Client documents shall be controlled in accordance with **SOP-01-4.2.1**, *Preparation and Revision of Documented Procedures*. These procedures provide the requirements for the preparation, review, approval, issue, distribution, and revision of documents controlled by the Chemistry and Chemical Engineering Division.

4.5.2 Documents may be controlled as Plans or Work Instructions and shall be accessible through the Division Intranet link, ***Contract Requirements*** as PDF files.

4.5.3 Nationally recognized test methods shall be of the most current issue or as specified in the purchase order. Task orders shall identify the applicable test methods to be used on the nuclear project.

4.6 Acceptance of Services Only

Not applicable to activities conducted within the Department of Analytical and Environmental Chemistry.

4.7 Commercial Grade Items

4.7.1 Where an item is to be incorporated into a test or deliverable to a client, and that item is not subject to design or specification requirements that are unique to nuclear facilities, used in applications other then nuclear facilities, and procured from the supplier on the specifications set forth in the manufacturers' published product and description, the item shall be considered "commercial grade".

4.7.2 Chemical reagents and standards used for testing purposes shall be ordered to specific chemical grades and certificates of analysis shall be required with each lot.

4.7.3 Controls for procurement planning, supplier selection, supplier performance evaluation, and acceptance of procured items and services other than chemical reagents and standards shall be as identified in **SOP-01-7.4.1**, *Purchasing*, and any referenced document within that procedure.

4.7.4 Receipt inspection of chemical reagents, standards, and test items for use on nuclear safety-related projects shall be performed by department personnel and documented on the *SwRI Receipt Traveler* or **FRM-109**, *Item Receipt Report*, as specified in **SOP-01-8.2.4**, *Monitoring and Measurement*. Any discrepancy such as a damaged container or container label shall be documented on the form and the client shall be contacted for disposition.

4.7.5 Prior or acceptance of a commercial grade item, the receipt inspection shall determine the following:

(a) Damage was not sustained during shipment;

(b) The item has satisfied the specified acceptance criteria; and

(c) Specified documentation, as applicable to the item, was received and is acceptable.

4.7.6 Receipt inspection of chemical reagents and standards shall also consist of verification of chemical type, grade, container integrity, certificate of analysis, and shelf life, where applicable. Upon acceptance of chemical reagents and standards, the containers shall be labeled with the following:

(a) Chemical name;

(b) Chemical grade;

(c) Lot code;

(d) Date received; and

(e) Shelf life, when applicable.

4.7.7 Expired shelf life items shall not be used for testing purposes.

4.7.8 Lot codes of chemical reagents and standards used during [illegible] standardization and testing shall be recorded on the individual testing [illegible] to provide traceability.

4.7.9 Samples supplied to SwRI for testing shall be received by the Sample [illegible] and logged into the laboratory logbook. Sample documentation and [illegible] custody shall be maintained in accordance with **TAP-01-0407-001**, *Sample [illegible] Inspection*, and **TAP-01-0407-035**, *Organic and Inorganic Sample Security*.

4.7.10 Samples supplied to SwRI for testing shall be labeled with the following:

(a) Sample control number;

(b) Purchase order number;

(c) Purchase order line item number, as applicable;

(d) Task order number;

(e) Nuclear QA label; and

(f) Sample retention date, when applicable.

4.7.11 In the event that samples are damaged upon receipt, a ***Sample Discrepancy Record*** shall be generated from the Division Intranet.

4.7.12 The testing task order shall list the project number, tests required, test methods required, and shall be labeled *Nuclear Quality*.

4.7.13 Identification and traceability shall be maintained in accordance with **SOP-01-7.5.1**, *Item Identification and Traceability*.

4.8 Inspection

4.8.1 Inspection for acceptance shall be performed by qualified persons other than those who conduct or directly supervise the work being inspected.

4.8.2 Institute Quality System (IQS) personnel shall perform surveillance activities as required to ensure compliance with the contract and this Quality Project Plan. Specific areas in which IQS may perform surveillance activities include, but are not limited to, the following:

(a) Receiving inspection and labeling of chemical reagents, standards, and testing samples;

(b) Testing processes;

(c) Calibration and major equipment;

(d) Sample and record retention; and

(e) Test records.

4.9 Inspection and Testing

4.9.1 Required tests for acceptance shall be conducted under appropriate environmental conditions using the tools and equipment necessary to conduct the test in a manner to fulfill test requirements and acceptance criteria.

4.9.2 Tests shall be conducted, controlled, and verified in accordance with **SOP-01-8.2.4**, *Monitoring and Measurement.*

4.9.3 Controls for measuring and test equipment shall be as specified in **SOP-01-7.6.1**, *Control of Measuring and Test Equipment.*

4.9.4 Controls for identification, segregation, reporting, and resolution of nonconforming items and conditions shall be as specified in **SOP-01-8.3.1**, *Nonconformance Reporting.*

4.10 Handling, Storage, Packaging, Preservation, and Delivery

4.10.1 Controls for handling, storage, packaging, preservation, and delivery of items are identified in **SOP-01-7.5.3**, *Handling, Storage, Packaging, Protection, and Delivery of Items.*

4.10.2 Samples specified on the purchase order to be returned to the client shall be prepared and packaged as specified on the purchase order. Each package shall be marked legibly and indelibly with the purchase order/release number and line item number(s) relevant to the package.

4.11 Quality Assurance Records

4.11.1 Quality assurance records shall furnish documentary evidence that items or activities meet specified quality requirements. Documents that ensure this evidence include **TAP-01-0407-014**, *Inventory of Case File Purges*, and **SOP-01-4.2.4**, *Storage and Maintenance of Quality Records*. These documents and this QPP ensure that QA records shall be legible, identifiable, retrievable, and maintained in dual storage.

4.11.2 Records shall be traceable to associated items and activities and shall accurately reflect the work accomplished or information required.

4.11.3 Documents shall be considered valid records only if stamped, initialed or signed and dated by authorized personnel or otherwise authenticated.

4.11.4 Records of test analyses performed by the Department of Analytical and Environmental Chemistry are classified as *nonpermanent* and shall be retained for a minimum of five years. Nonpermanent records are those required to show evidence that an activity was performed in accordance with the applicable requirements, but need not be retained for the life of the item. Based on the use of the final data, the client shall be responsible for determining and implementing permanent storage requirements.

4.11.5 In order to satisfy duplicate storage requirements, one copy of the QA record shall maintained by the Project Manager in Building 70 and a separate copy shall be maintained in the Division Quality Assurance Archives in Building 201. Storage requirements shall be as stated in **SOP-01-4.2.4**, *Storage and Maintenance of Quality Records*, to ensure protection against the risk of damage or destruction.

4.12 10 CFR, Part 21

4.12.1 SwRI procurement documents shall include requirements for reporting and approving disposition of supplier nonconformances and, when required, compliance to 10 CFR, Part 21.

4.12.2 The Manager of Institute Quality Assurance or Director of Institute Quality Systems shall determine if a nonconforming condition is reportable under 10 CFR, Part 21, and initiate reporting and condition in accordance with the SwRI Operating Policies and Procedures (OPP). Safety hazards or defects that could create a substantial safety hazard shall be reported. Substantial safety hazard means a loss of safety function to the extent that there is a major reduction in the degree of protection provided to public health and safety.

4.13 Certified Test Report

The Project Manager and Institute Quality Assurance Manager as complying with all contractual requirements shall certify test reports. The certified test report shall reference the purchase order/release number, the test methods performed, and the purchase

order/release line item number.

4.14 Valid Documents List

The Department of Analytical and Environmental Chemistry task order shall specify all applicable documents and appropriate document revision level for each document. The task order shall then serve as the Valid Documents List (VDL) for each individual project.

5.0 HISTORY OF REVISIONS

Versions 0 through 3 of this plan are maintained on record in Division 01 Quality Assurance.

Revision 4
Title of document changed from the Standard Project Quality Plan *SPQP-CH/AN* to Quality Project Plan, *QPP-015*
Extensive revision to comply with Project Quality Plan PQP-Nuclear, *Nuclear Services*, which replaces SwRI NQAPM, *Nuclear Quality Assurance Program Manual.*

Revision 5
Revised 4.1.1 to include designated Division 01 QA staff to conduct pertinent nuclear training sessions to the SwRI Program Quality Plan (PQP-Nuclear), *Nuclear Services*
Revised step 4.2.4 to include Division QA as an entity along with IQS, to maintain documented evidence of qualifications

010094

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 060606-10, 060630-3, 060630-4, 060630-5
SRR: 29276, 29411
SDG: 280647, 282118, 282138, 282158
CASE: B. Werling
VTSR: June, 06, 29, 2006
PROJECT#: 06002.20.242, 06002.01.242

Chain of Custody/Login Paperwork

23466

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address: Bradley Werling
DIV20
Bldg. 57

Client: DIV 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
☐ 2 Weeks
☐ 3 Weeks
X Other: 4 Week

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major & Minor elements ICP
W1922-1C	6/6/06		W		1	✓
W1922-2C						✓
W1922-3C						✓
W1922-4C						✓
W1922-5C						✓
W1922-6C						✓
W1922-7C						✓
W1922-8C						✓
W1922-9C						✓
W1922-10C	6/6/06					✓

Client: Div. 20
SRR #29276
Project #06002.20.242
Case: B. Werling
VTSR: 06/06/06 1405
Sample(s) Received Intact
Temperature: 22.0°C/#027
<100 CPM

REMARKS
Preservation
a = HCl to pH <2
b = HNO_3 to pH <2
c = H_2SO_4 to pH <2
d = NaOH to pH >12
e = Cool (4°C±2°C)
f = Other (specify)

Nuclear Safety related - use appropriate QA procedures

POC. Brad Werling
x 05565
fax: 5784

Matrix Types:
A – Air
B – Biota
D - Dust
E – Emission/Stack
L - Liquid
P – Product
Sd - Solid
S – Soil
SED – Sediment
T - Tissue
W - Water
WP - Wipe

Sample Types:
D - Duplicate
ER – Equipment Rinsate
ES – Environmental Sample
FB – Field Blank
FD – Field Duplicate
MS – Matrix Spike
MSD – Matrix Spike Dup
TB – Trip Blank

Temp: 22.0°C Therm #: 027

Comments: Radioactive - Np237 at 8.5×10^{-7} M or 1.4×10^{-4} µCi/mL
SN 742/76-77

	Date	Time
Relinquished by (Print/Signature): Maria Roberts Maria Roberts	6/6/06	1105
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: 20.06002.242 DC 6/6/06

Received by SwRI Lab: (Signature)

Date: 6/6/06 Time: 1405 6/6/06

Samples Disposed: Date: Time:

Samples Disposed by:

23466

234600

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address: Bradley Werling DIV 20 Bldg. 57

Client: DIV 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- ☐ 2 Weeks
- ☐ 3 Weeks
- ☒ Other: 4 weeks.

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major + Minor elements ICP
W1922-11C	6/6/06		W		1	✓
W1922-12C						✓
W1922-13C						✓
W1922-14C						✓
W1922-15C						✓
W1922-16C						✓
W1922-17C						✓
W1922-18C						✓
W1922-19C						✓
W1922-20C	6/6/06					✓

Client: Div. 20
SRR #29276
Project #06002.20.242
Case: B. Werling
VTSR: 06/06/06 1405
Sample(s) Received Intact
Temperature: 22.0°C/#027
<100 CPM

REMARKS

Preservation
- **a** = HCl to pH <2
- **b** = HNO_3 to pH <2
- **c** = H_2SO_4 to pH <2
- **d** = NaOH to pH >12
- **e** = Cool (4°C±2°C)
- **f** = Other (specify)

Nuclear safety related - use appropriate QA procedures

POC - Brad Werling x 6565 fax 5184

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22.0°C Therm #: 027

Comments: Radioactive - Np237 at 8.5×10^{-7} M or 1.4×10^{-4} µCi/mL SN. 742/76-77

	Date	Time
Relinquished by (Print/Signature): Marla Roberts Marla Roberts	6/6/06	1405
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: 20.06002.242 DR 6/6/06

Received by SwRI Lab: (Signature)

Date: 6/6/06 Time: 1405

Samples Disposed: Date / Time

Samples Disposed by:

010096

23460

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address: Bradley Werling
Div 20
Bldg 57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- ☐ 2 Weeks
- ☐ 3 Weeks
- ☒ Other: 4 week

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analyses of Major + Minor Elements by ICP
W1922-21C	6/6/06		W		1	✓
W1922-22C						✓
W1922-23C						✓
W1922-24C						✓
W1922-25C						✓
W1922-26C						✓
W1922-27C						✓
W1922-28C						✓
W1922-29C						✓
W1922-30C	6/6/06					✓

Client: Div. 20
SRR #29276
Project #06002.20.242
Case: B. Werling
VTSR: 06/06/06 1405
Sample(s) Received Intact
Temperature: 22.0°C/#027
<100 CPM

REMARKS

Preservation
- **a** = HCl to pH <2
- **b** = HNO_3 to pH <2
- **c** = H_2SO_4 to pH <2
- **d** = NaOH to pH >12
- **e** = Cool (4°C±2°C)
- **f** = Other (specify)

Nuclear safety related - use appropriate QA procedures.

POC - Brad Werling
x 65465
fax 5784

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22.0 °C

Therm #: 027

Comments: Radioactive - Np237 at 8.5 x 10 M or 1.4 x 10 -4 μCi/mL
SN 742/76-77

	Date	Time
Relinquished by (Print/Signature): Marla Roberts Marla Roberts	6/6/06	1405
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: 20.060002.242 6/6/06

Received by SwRI Lab (Signature):

Date: 6/6/06 Time: 1405

Samples Disposed: Date: Time:

Samples Disposed by:

0100921

234600

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address: Bradley Werling
Div 20
Bldg 57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
☐ 2 Weeks
☐ 3 Weeks
☒ Other: 4 Weeks

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major + Minor elements ICP
W1922-31C	6/6/06		W		1	✓
W1922-32C						✓
W1922-33C						✓
W1922-34C						✓
W1922-35C						✓
W1922-36C						✓
W1922-37C						✓
W1922-38C						✓
W1922-39C						✓
W1922-40C	6/6/06					✓

Client: Div. 20
SRR #29276
Project #06002.20.242
Case: B. Werling
VTSR: 06/06/06 1405
Sample(s) Received Intact
Temperature: 22.0°C/#027
<100 CPM

REMARKS
Preservation
a = HCl to pH <2
b = HNO_3 to pH <2
c = H_2SO_4 to pH <2
d = NaOH to pH >12
e = Cool (4°C±2°C)
f = Other (specify)

Nuclear safety related - use appropriate QA procedures.

POC-Brad Werling
x 65765
fax: 5784

Matrix Types:
A – Air
B – Biota
D - Dust
E – Emission/Stack
L - Liquid
P – Product
Sd - Solid
S – Soil
SED – Sediment
T - Tissue
W - Water
WP - Wipe

Sample Types:
D - Duplicate
ER – Equipment Rinsate
ES – Environmental Sample
FB – Field Blank
FD – Field Duplicate
MS – Matrix Spike
MSD – Matrix Spike Dup
TB – Trip Blank

Temp: 22.0 °C
Therm #: 027

Comments: Radioactive - Np 237 at 8.5×10^{-5} M or 1.4×10^{-4} uCi/mL
SN 742/76-77

	Date	Time
Relinquished by (Print/Signature): Marla Roberts Marla Roberts	6/6/06	1405
Received by (Print/Signature):	Date	Time
Relinquished by (Print/Signature):	Date	Time
Received by (Print/Signature):	Date	Time
Relinquished by (Print/Signature):	Date	Time

SwRI Project#: 20.06002.242 ~~222~~ OR 6/6/06

Received by SwRI Lab: (Signature)

Date: 6/6/06 Time: 1405

Samples Disposed: Date: Time:

Samples Disposed by:

010098

23460

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address: Bradley Werling Div20 ~~Div02~~ 6000 MR Bldg. 57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- ☐ 2 Weeks
- ☐ 3 Weeks
- ☒ Other: 4 Weeks

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major+Minor elements ICP
W1922-41C	6/6/06		W		1	✓
W1922-42C						✓
W1922-43C						✓
W1922-44C						✓
W1922-45C						✓
W1922-46C						✓
W1922-47C						✓
W1922-48C						✓
W1922-49C						✓
W1922-50C	6/6/06					✓

Client: Div. 20
SRR #29276
Project #06002.20.242
Case: B. Werling
VTSR: 06/06/06 1405
Sample(s) Received Intact
Temperature: 22.0°C/#027
<100 CPM

REMARKS

Preservation
- a = HCl to pH <2
- b = HNO_3 to pH <2
- c = H_2SO_4 to pH <2
- d = NaOH to pH >12
- e = Cool (4°C±2°C)
- f = Other (specify)

Nuclear Safety related - use appropriate QA procedures

POC-Bradley Werling X65765 fax 5784

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22.0°C Therm #: 027

Comments: Radioactive - Np237 at 8.5x10⁻⁵ M or 1.4x10⁻⁴ mCi/mL SN: 742/76-77

	Date	Time
Relinquished by (Print/Signature): Marla Roberts Marla Roberts	6/6/06	1405
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: 20.06002.242

Received by SwRI Lab: (Signature)

Date: 6/6/06 Time: 1405

Samples Disposed: Date: Time:

Samples Disposed by:

010099

23960

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/Address: Bradley Werling, Div 20, Bldg 57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- ☐ 2 Weeks
- ☐ 3 Weeks
- ☒ Other: 4 weeks.

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major+Minor elements ICP
W1922-51C	6/6/06		W		1	✓
W1922-52C						✓
W1922-53C						✓
W1922-54C						✓
W1922-55C						✓
W1922-56C						✓
W1922-57C						✓
W1922-58C						✓
W1922-59C						✓
W1922-60C						✓

Client: Div. 20
SRR #29276
Project #06002.20.242
Case: B. Werling
VTSR: 06/06/06 1405
Sample(s) Received Intact
Temperature: 22.0°C/#027
<100 CPM

REMARKS

Preservation
- **a** = HCl to pH <2
- **b** = HNO_3 to pH <2
- **c** = H_2SO_4 to pH <2
- **d** = NaOH to pH >12
- **e** = Cool (4°C±2°C)
- **f** = Other (specify)

Nuclear Safety related use appropriate QA procedures

POC Brad/Werling x 65565 fax-5184

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22°C Therm #: 027

Comments: Radioactive – Np237 at 8.5×10^{-7} M or 1.4×10^{-4} µCi/mL
SN 742/76-77

	Date	Time
Relinquished by (Print/Signature): Marla Roberts Marla Roberts	6/6/06	1405
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: 20.06002.~~222~~ 242 6/6/06

Received by SwRI Lab: (Signature)

Date: 6/6/06 Time: 1405

Samples Disposed: Date: Time:

Samples Disposed by:

010100

23966

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address: Bradley Werling
Div 20
Bldg 57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
☐ 2 Weeks
☐ 3 Weeks
☒ Other: 4 weeks

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major + Minor Elements ICP
W1922-61C	6/6/06		W		1	✓
L01C	6/5/06					✓
L02C						✓
A1C						✓
A2C						✓

Client: Div. 20
SRR #29276
Project #06002.20.242
Case: B. Werling
VTSR: 06/06/06 1405
Sample(s) Received Intact
Temperature: 22.0°C/#027
<100 CPM

REMARKS
Preservation
a = HCl to pH <2
b = HNO_3 to pH <2
c = H_2SO_4 to pH <2
d = NaOH to pH >12
e = Cool (4°C±2°C)
f = Other (specify)

Nuclear Safety related - use appropriate QA procedures
NOTE
Analyze As Is

POC-Brad Werling
x 60565
fax 5184

Matrix Types:
A – Air
B – Biota
D - Dust
E – Emission/Stack
L - Liquid
P – Product
Sd - Solid
S – Soil
SED – Sediment
T - Tissue
W - Water
WP - Wipe

Sample Types:
D - Duplicate
ER – Equipment Rinsate
ES – Environmental Sample
FB – Field Blank
FD – Field Duplicate
MS – Matrix Spike
MSD – Matrix Spike Dup
TB – Trip Blank

Temp: 22.0°C
Therm #: 027

Comments: Radioactive - Np 237 at 8.5×10^{-4} M or 1.4×10^{-4} μCi/mL
SN 742/76-77

	Date	Time
Relinquished by (Print/Signature): Marla Roberts Marla Roberts	6/6/06	1405
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: 20.06002.242 6/6/06

Received by SwRI Lab (Signature):

Date: 6/6/06 Time: 1405

Samples Disposed: Date: Time:

Samples Disposed by:

010101

SAMPLE LOG-IN SHEET

010102

Lab Name: Southwest Research Institute

Received By (Print Name): DINO ROMAN

Received By (Signature):

Log-in Date: 06/06/2006

Case Number: B. Werling

Sample Delivery Group No.

SAS Number: N/A

Remarks: 06002.20.242

Remarks: Condition of Sample Shipment, etc

			Corresponding		
			EPA Sample #	Sample Tag #	Assigned Lab #	
1.	Custody Seal(s)	Present/(Absent*) Intact/Broken	A1C	None	280587	Intact
2.	Custody Seal Nos.	N/A	A2C	None	280588	Intact
			L01C	None	280589	Intact
3.	Chain-of Custody Records	(Present)/Absent*	L02C	None	280590	Intact
4.	Traffic Reports or Packing Lists	Present/(Absent)	W1922-10C	None	280591	Intact
5.	Airbill	Airbill/Sticker (Present)/Absent*	W1922-11C	None	280592	Intact
			W1922-12C	None	280593	Intact
6.	Airbill No.	HAND DELIVERED	W1922-13C	None	280594	Intact
7.	Sample Tags	Present/(Absent)	W1922-14C	None	280595	Intact
	Sample Tag Numbers	Listed/(Not) listed on Chain of Custody	W1922-15C	None	280596	Intact
			W1922-16C	None	280597	Intact
8.	Sample Condition	(Intact)/Broken*/ Leaking	W1922-17C	None	280598	Intact
9.	Cooler Temperature	22.0C	W1922-18C	None	280599	Intact
10.	Does Information on custody records, traffic reports, and sample tags agree?	(Yes)/No*	W1922-19C	None	280600	Intact
			W1922-1C	None	280601	Intact
11.	Date Received at Lab	06/06/2006	W1922-20C	None	280602	Intact
			W1922-21C	None	280603	Intact
12.	Time Received	14:05:00	W1922-22C	None	280604	Intact
			W1922-23C	None	280605	Intact
			W1922-24C	None	280606	Intact
			W1922-25C	None	280607	Intact
			W1922-26C	None	280608	Intact
			W1922-27C	None	280609	Intact

Sample Transfer

Fraction: RAD	Fraction
Area #: R12	Area #
By: DINO ROMAN	By
On: 06/06/2006	On

* Contact SMO and attach record of resolution

Reviewed By

Date: 06.08.06

Logbook No.: Sample Receipt (29276)

Logbook Page No.: V5825 Section 2, 3, 4 of 7

SAMPLE LOG-IN SHEET

010103

Lab Name: Southwest Research Institute	Page 2 of 3
Received By (Print Name): DINO ROMAN	Log-in Date: 06/06/2006
Received By (Signature):	

Case Number: B. Werling	Sample Delivery Group No.	SAS Number: N/A

Remarks: 06002.20.242

1.	Custody Seal(s)	Present/~~Absent~~* Intact/Broken
2.	Custody Seal Nos.	N/A
3.	Chain-of Custody Records	~~Present~~/Absent*
4.	Traffic Reports or Packing Lists	Present/~~Absent~~
5.	Airbill	Airbill/Sticker ~~Present~~/Absent*
6.	Airbill No.	HAND DELIVERED
7.	Sample Tags	Present/~~Absent~~
	Sample Tag Numbers	Listed/~~Not~~ listed on Chain of Custody
8.	Sample Condition	~~Intact~~/Broken*/ Leaking
9.	Cooler Temperature	22.0C
10.	Does Information on custody records, traffic reports, and sample tags agree?	~~Yes~~/No*
11.	Date Received at Lab	06/06/2006
12.	Time Received	14:05:00

Sample Transfer	
Fraction: RAD	Fraction
Area #: R12	Area #
By: DINO ROMAN	By
On: 06/06/2006	On

EPA Sample #	Corresponding: Sample Tag #	Corresponding: Assigned Lab #	Remarks: Condition of Sample Shipment, etc
W1922-28C	None	280610	Intact
W1922-29C	None	280611	Intact
W1922-2C	None	280612	Intact
W1922-30C	None	280613	Intact
W1922-31C	None	280614	Intact
W1922-32C	None	280615	Intact
W1922-33C	None	280616	Intact
W1922-34C	None	280617	Intact
W1922-35C	None	280618	Intact
W1922-36C	None	280619	Intact
W1922-37C	None	280620	Intact
W1922-38C	None	280621	Intact
W1922-39C	None	280622	Intact
W1922-3C	None	280623	Intact
W1922-40C	None	280624	Intact
W1922-41C	None	280625	Intact
W1922-42C	None	280626	Intact
W1922-43C	None	280627	Intact
W1922-44C	None	280628	Intact
W1922-45C	None	280629	Intact
W1922-46C	None	280630	Intact
W1922-47C	None	280631	Intact
W1922-48C	None	280632	Intact

* Contact SMO and attach record of resolution

Reviewed By:	Logbook No.: Sample Receipt (29276)
Date: 06.08.06	Logbook Page No.: 5825 Section 2, 3, 4 of 7

SAMPLE LOG-IN SHEET

010104

Lab Name: Southwest Research Institute	Page 3 of 3
Received By (Print Name): DINO ROMAN	Log-in Date: 06/06/2006
Received By (Signature):	
Case Number: B. Werling	Sample Delivery Group No.
Remarks: 06002.20.242	SAS Number: N/A

1. Custody Seal(s)	Present/~~Absent~~ Intact/Broken	
2. Custody Seal Nos.	N/A	
3. Chain-of Custody Records	~~Present~~/Absent*	
4. Traffic Reports or Packing Lists	Present/~~Absent~~*	
5. Airbill	Airbill/Sticker ~~Present~~/Absent*	
6. Airbill No.	HAND DELIVERED	
7. Sample Tags	Present/~~Absent~~	
Sample Tag Numbers	Listed/~~Not~~ listed on Chain of Custody	
8. Sample Condition	~~Intact~~/Broken*/ Leaking	
9. Cooler Temperature	22.0C	
10. Does Information on custody records, traffic reports, and sample tags agree?	~~Yes~~/No*	
11. Date Received at Lab	06/06/2006	
12. Time Received	14:05:00	

EPA Sample #	Corresponding: Sample Tag #	Corresponding: Assigned Lab #	Remarks: Condition of Sample Shipment, etc
W1922-49C	None	280633	Intact
W1922-4C	None	280634	Intact
W1922-50C	None	280635	Intact
W1922-51C	None	280636	Intact
W1922-52C	None	280637	Intact
W1922-53C	None	280638	Intact
W1922-54C	None	280639	Intact
W1922-55C	None	280640	Intact
W1922-56C	None	280641	Intact
W1922-57C	None	280642	Intact
W1922-58C	None	280643	Intact
W1922-59C	None	280644	Intact
W1922-5C	None	280645	Intact
W1922-60C	None	280646	Intact
W1922-61C	None	280647	Intact
W1922-6C	None	280648	Intact
W1922-7C	None	280649	Intact
W1922-8C	None	280650	Intact
W1922-9C	None	280651	Intact

Sample Transfer					
Fraction: ~~RAD~~	Fraction				
Area #: R12	Area #				
By: DINO ROMAN	By				
On: 06/06/2006	On				

* Contact SMO and attach record of resolution

Reviewed By: Art Aguilera	Logbook No.: Sample Receipt (29276)
Date: 06.08.06	Logbook Page No.: ✓5825 Section 2.3 of 7

24116

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address: Bradley Werling
Div 20
Bldg. 57

Client: Div 20.

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- [x] 2 Weeks
- [ ] 3 Weeks
- [ ] Other: _____

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major + Minor Elements by ICP
19CW-1C	6/28/06		W		1	✓
19CW-2C						✓
19CW-3C						✓
19CW-4C						✓
19CW-5C						✓
19CW-6C						✓
19CW-7C						✓
19CW-8C						✓
19CW-9C						✓
19CW-10C						✓

REMARKS
Preservation
- a = HCl to pH <2
- b = HNO_3 to pH <2
- c = H_2SO_4 to pH <2
- d = NaOH to pH >12
- e = Cool (4°C±2°C)
- f = Other (specify)

Nuclear Safety related - use appropriate QA procedures

POC - Bradley Werling - x 6565 fax 5184

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22.0°C Therm #: 027

Comments: Radioactive - Np^{237} at 8.5×10^{-7} M or 1.4×10^{-4} μCi/mL
SN 800/41

	Date	Time
Relinquished by (Print/Signature): Maria Roberts Maria Roberts	6/29/06	1045
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: 20.06002.01.242

Received by SwRI Lab: (Signature)

Date: 6/29/06 Time: 1045

Samples Disposed: Date: 01/05 Time:

Samples Disposed by:

SwRI # 29411

Div 01 COC Form 01-01-001, Rev 8/02

24116

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address: Bradley Werling Bldg. 57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- [X] 2 Weeks
- [ ] 3 Weeks
- [ ] Other: _____

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major + Minor Elements-ICP
19CW-11C	061281 06		W		1	✓
19CW-12C						✓
19C-1C						✓
19C-2C						✓
19C-3C						✓
19C-4C						✓
19C-5C						✓
19C-6C						✓
19C-7C						✓
19C-8C						✓

REMARKS

Preservation
- **a** = HCl to pH <2
- **b** = HNO_3 to pH <2
- **c** = H_2SO_4 to pH <2
- **d** = NaOH to pH >12
- **e** = Cool (4°C±2°C)
- **f** = Other (specify)

Nuclear Safety 6/29/06 MR
~~use appropriate~~ related - use appropriate QA procedure.

POC: Bradley Werling, x 6565 fax 5184

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22.0°C

Therm #: 027

Comments: Radioactive - Np 237 at 8.5×10^{-7} M or 1.4×10^{-4} µCi/mL SN 800/41

	Date	Time
Relinquished by (Print/Signature): Marla Roberts Marla Roberts	6/29/06	1045
Received by (Print/Signature):	Date	Time
Relinquished by (Print/Signature):	Date	Time
Received by (Print/Signature):	Date	Time
Relinquished by (Print/Signature):	Date	Time

SwRI Project#: 20.06002.01.242

Received by SwRI Lab: (Signature)

Date: 6/29/06 Time: 1045

Samples Disposed: Date: 010106 Time:

Samples Disposed by:

SRR # 29411

Div 01 COC Form 01-01-001, Rev 8/02

24114

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/Address: Bradley Werling Bldg. 57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- [X] 2 Weeks
- [ ] 3 Weeks
- [ ] Other: _____

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analyses of Major + Minor Elements - ICP
19C - 9C	6/28/06		W		1	✓
19C - 10C						✓
19C - 11C						✓
19C - 12C						✓
22CW - 1C						✓
22CW - 2C						✓
22CW - 3C						✓
22CW - 4C						✓
22CW - 5C						✓
22CW - 6C						✓

REMARKS

Preservation
- **a** = HCl to pH <2
- **b** = HNO_3 to pH <2
- **c** = H_2SO_4 to pH <2
- **d** = NaOH to pH >12
- **e** = Cool (4°C±2°C)
- **f** = Other (specify)

Nuclear Safety related - use appropriate QA procedure

POC - Bradley Werling, x65565 fax 5184

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22.0°C Therm #: 027

Comments: Radioactive - NP237 at 8.5×10^{-7} M or 1.4×10^{-4} uCi/mL SN 800141

	Date	Time
Relinquished by (Print/Signature): Marla Roberts Marla Roberts	6/29/06	1045
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: 20.06002.01.242

Received by SwRI Lab: (Signature)

Date: 6/29/06 Time: 1045

Samples Disposed: Date: 7/11/06 Time: 0101

Samples Disposed by:

SAC # 26411

Div 01 COC Form 01-01-001, Rev 8/02

24116

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address: Bradley Werling Bldg 57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- X 2 Weeks
- ☐ 3 Weeks
- ☐ Other: _____

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major+Minor Elements - ICP
22CW-7C	6/28/06		IN		1	✓
22CW-8C						✓
22CW-9C						✓
22CW-10C						✓
22CW-11C						✓
22CW-12C						✓
22C-1C						✓
22C-2C						✓
22C-3C						✓
22C-4C						✓

REMARKS

Preservation
- **a** = HCl to pH <2
- **b** = HNO_3 to pH <2
- **c** = H_2SO_4 to pH <2
- **d** = NaOH to pH >12
- **e** = Cool (4°C±2°C)
- **f** = Other (specify)

Nuclear Safety related use appropriate QA procedure

POC - Bradley Werling, x 65565 fax 5184

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22.0°C

Therm #: 627

Comments: Radioactive - Np237 at 8.5x10⁻⁷M or 1.4x10⁻⁴ µCi/mL SN 800141

	Date	Time
Relinquished by (Print/Signature): Marla Roberts Marla Roberts	6/29/06	1045
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: 20.06002.01.242

Received by SwRI Lab: (Signature)

Date: 6/29/06 Time: 1045

Samples Disposed: Date: _____ Time: _____

Samples Disposed by: 010108

SAC # 29411

24116

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/Address: Bradley Werling Bldg 57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- [X] 2 Weeks
- [ ] 3 Weeks
- [ ] Other: _____

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major + Minor Elements ICP
22C - 5C	06/28/06		W		1	✓
22C - 6C						✓
22C - 7C						✓
22C - 8C						✓
22C - 9C						✓
22C - 10C						✓
22C - 11C						✓
22C - 12C						✓
1922 - 1C						✓
1922 - 2C						✓

REMARKS

Preservation
- **a** = HCl to pH <2
- **b** = HNO_3 to pH <2
- **c** = H_2SO_4 to pH <2
- **d** = NaOH to pH >12
- **e** = Cool (4°C±2°C)
- **f** = Other (specify)

Nuclear Safety related-use appropriate QA procedure.

POC-Bradley Werling, x 65565 fax 5184

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 27.0°C

Therm #: 027

Comments: Radioactive - Np 237 at 8.5×10^{-7} M or 1.4×10^{-4} Ci/l/mL SN 800141

	Date	Time
Relinquished by (Print/Signature) 06/29/06 WMR Maria A. Roberts Maria Roberts	06/29/06	1645
Received by (Print/Signature)	Date	Time
Relinquished by (Print/Signature)	Date	Time
Received by (Print/Signature)	Date	Time
Relinquished by (Print/Signature)	Date	Time

SwRI Project#: 20.06002.01.242

Received by SwRI Lab: (Signature)

Date: 6/29/06 Time: 1645

Samples Disposed: Date: 01/01/09 Time:

Samples Disposed by:

SOL # 29411

24116

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/Address: Bradley Werling Bldg 57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- [X] 2 Weeks
- [ ] 3 Weeks
- [ ] Other: _____

SwRI Contact: M. Ke Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Analysis of Major + Minor Elements ICP
R22-36	6/28/06		W		1	✓

REMARKS

Preservation
- a = HCl to pH <2
- b = HNO_3 to pH <2
- c = H_2SO_4 to pH <2
- d = NaOH to pH >12
- e = Cool (4°C±2°C)
- f = Other (specify)

Nuclear Safety related - use appropriate QA procedures

POC - Bradley Werling, x60565 fax 5784

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22.0°C

Therm #: 027

Comments: Radioactive - Np237 at 8.5x10⁻⁷ M or 1.4x10⁻⁴ Ci/L in SN 800/41

	Date	Time
Relinquished by (Print/Signature): Maria Roberts Maria Roberts	6/29/06	1015
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: 20.06002.01.242

Received by SwRI Lab: (Signature)

Date: 6/29/06 Time: 1045

Samples Disposed: Date: _____ Time: _____

Samples Disposed by: _____

SwRI # 24411

Div 01 COC Form 01-01-001, Rev 8/02

Page _____ of _____

SAMPLE LOG-IN SHEET

010111

Lab Name: Southwest Research Institute

Received By (Print Name): DINO ROMAN

Received By (Signature):

Log-in Date: 06/29/2006

Case Number: B. Werling

Sample Delivery Group No.

SAS Number: N/A

Remarks: 06002.01.242

			Corresponding			Remarks: Condition of Sample Shipment, etc
			EPA Sample #	Sample Tag #	Assigned Lab #	
1.	Custody Seal(s)	Present/~~Absent~~* Intact/~~Broken~~	1922-1C	None	282118	Intact
			1922-2C	None	282119	Intact
2.	Custody Seal Nos.	N/A	1922-3C	None	282120	Intact
3.	Chain-of Custody Records	Present/Absent*	19C-10C	None	282121	Intact
4.	Traffic Reports or Packing Lists	Present/Absent	19C-11C	None	282122	Intact
5.	Airbill	Airbill/Sticker Present/Absent*	19C-12C	None	282123	Intact
			19C-1C	None	282124	Intact
6.	Airbill No.	HAND DELIVERED	19C-2C	None	282125	Intact
7.	Sample Tags	Present/Absent	19C-3C	None	282126	Intact
	Sample Tag Numbers	Listed/Not listed on Chain of Custody	19C-4C	None	282127	Intact
			19C-5C	None	282128	Intact
8.	Sample Condition	Intact/Broken*/ Leaking	19C-6C	None	282129	Intact
9.	Cooler Temperature	22.0C	19C-7C	None	282130	Intact
10.	Does Information on custody records, traffic reports, and sample tags agree?	Yes/No*	19C-8C	None	282131	Intact
			19C-9C	None	282132	Intact
11.	Date Received at Lab	06/29/2006	19CW-10C	None	282133	Intact
			19CW-11C	None	282134	Intact
12.	Time Received	10:45:00	19CW-12C	None	282135	Intact
			19CW-1C	None	282136	Intact
			19CW-2C	None	282137	Intact
			19CW-3C	None	282138	Intact
			19CW-4C	None	282139	Intact
			19CW-5C	None	282140	Intact

Sample Transfer

Fraction	RAD	Fraction
Area #	R12	Area #
By	DINO ROMAN	By
On	06/29/2006	On

* Contact SMO and attach record of resolution

Reviewed By: Art Aguilar

Date: 07.05.06

Logbook No.: Sample Receipt (29411)

Logbook Page No.: 5848 SECTION 8, 9 of 10

SAMPLE LOG-IN SHEET

010112

Lab Name: Southwest Research Institute	Page 2 of 3
Received By (Print Name): DINO ROMAN	Log-in Date: 06/29/2006
Received By (Signature):	
Case Number: B. Werling	Sample Delivery Group No.	SAS Number: N/A
Remarks: 06002.01.242		

1.	Custody Seal(s)	Present/~~Absent~~* Intact/~~Broken~~
2.	Custody Seal Nos.	N/A
3.	Chain-of Custody Records	~~Present~~/Absent*
4.	Traffic Reports or Packing Lists	Present/~~Absent~~
5.	Airbill	Airbill/Sticker ~~Present~~/Absent*
6.	Airbill No.	HAND DELIVERED
7.	Sample Tags	Present/~~Absent~~
	Sample Tag Numbers	~~Listed~~/Not listed on Chain of Custody
8.	Sample Condition	~~Intact~~/Broken*/ Leaking
9.	Cooler Temperature	22.0C
10.	Does Information on custody records, traffic reports, and sample tags agree?	~~Yes~~/No*
11.	Date Received at Lab	06/29/2006
12.	Time Received	10:45:00

Sample Transfer		
Fraction	RAD	Fraction
Area #	R12	Area #
By	DINO ROMAN	By
On	06/29/2006	On

EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc
19CW-6C	None	282141	Intact
19CW-7C	None	282142	Intact
19CW-8C	None	282143	Intact
19CW-9C	None	282144	Intact
22C-10C	None	282145	Intact
22C-11C	None	282146	Intact
22C-12C	None	282147	Intact
22C-1C	None	282148	Intact
22C-2C	None	282149	Intact
22C-3C	None	282150	Intact
22C-4C	None	282151	Intact
22C-5C	None	282152	Intact
22C-6C	None	282153	Intact
22C-7C	None	282154	Intact
22C-8C	None	282155	Intact
22C-9C	None	282156	Intact
22CW-10C	None	282157	Intact
22CW-11C	None	282158	Intact
22CW-12C	None	282159	Intact
22CW-1C	None	282160	Intact
22CW-2C	None	282161	Intact
22CW-3C	None	282162	Intact
22CW-4C	None	282163	Intact

* Contact SMO and attach record of resolution

Reviewed By:	Logbook No.: Sample Receipt (29411)
Date: 07.05.06	Logbook Page No.: 5848 SECTION 8, 9, OF 10

SAMPLE LOG-IN SHEET

010113

Lab Name: Southwest Research Institute	Page 3 of 3
Received By (Print Name): DINO ROMAN	Log-in Date: 06/29/2006
Received By (Signature):	
Case Number: B. Werling	Sample Delivery Group No.
Remarks: 06002.01.242	SAS Number: N/A

1. Custody Seal(s)	Present/~~Absent~~* Intact/Broken	
2. Custody Seal Nos.	N/A	
3. Chain-of Custody Records	Present/Absent*	
4. Traffic Reports or Packing Lists	Present/Absent	
5. Airbill	Airbill/Sticker Present/Absent*	
6. Airbill No.	HAND DELIVERED	
7. Sample Tags	Present/Absent	
Sample Tag Numbers	Listed/Not listed on Chain of Custody	
8. Sample Condition	~~Intact~~/Broken*/ Leaking	
9. Cooler Temperature	22.0C	
10. Does Information on custody records, traffic reports, and sample tags agree?	Yes/No*	
11. Date Received at Lab	06/29/2006	
12. Time Received	10:45:00	

EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc
22CW-5C	None	282164	Intact
22CW-6C	None	282165	Intact
22CW-7C	None	282166	Intact
22CW-8C	None	282167	Intact
22CW-9C	None	282168	Intact

Sample Transfer	
Fraction: RAD	Fraction
Area #: R12	Area #
By: DINO ROMAN	By
On: 06/29/2006	On

* Contact SMO and attach record of resolution

Reviewed By	Logbook No. Sample Receipt (29411)
Date: 07.05.06	Logbook Page No. 5848 SECTION 89 of 10

FORM DC-1

OLMO4.2

010114

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 060606-10, 060630-3, 060630-4, 060630-5
SRR: 29276, 29411
SDG: 280647, 282118, 282138, 282158
CASE: B. Werling
VTSR: June, 06, 29, 2006
PROJECT#: 06002.20.242, 06002.01.242

Copies of Login Book

Sample Login Book

Jun 06, 2006

SwRI Login Area
Division 1

Sample Receipt: 29275	Project: 11688.01.001	Client: Div. 03
VTSR Date: Jun 06, 2006	VTSR Time: 10:16:00	Manager: RANGER, JACKIE

System ID	Customer Sample ID	Matrix
280579	CIHI3A-17A-NAOH	Liquid
280580	CIHI3A-17-H2SO4	Liquid
280581	CIHI3A-20-AR	Liquid
280582	CIHI3A-3-AR	Liquid
280583	CIHI3A-22-AR	Liquid
280584	CIHI3A-30-NAOH	Liquid
280585	CIHI3A-31-H2SO4	Liquid
280586	CIHI3A-4-AR	Liquid

Sample Receipt: 29276	Project: 06002.20.242	Client: Div. 20
VTSR Date: Jun 06, 2006	VTSR Time: 14:05:00	Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
280587	A1C	Water
280588	A2C	Water
280589	L01C	Water
280590	L02C	Water
280591	W1922-10C	Water
280592	W1922-11C	Water
280593	W1922-12C	Water
280594	W1922-13C	Water
280595	W1922-14C	Water
280596	W1922-15C	Water
280597	W1922-16C	Water
280598	W1922-17C	Water
280599	W1922-18C	Water
280600	W1922-19C	Water
280601	W1922-1C	Water
280602	W1922-20C	Water
280603	W1922-21C	Water
280604	W1922-22C	Water
280605	W1922-23C	Water

Sample Login Book

Jun 06, 2006

SwRI Login Area
Division 1

Sample Receipt: 29276	Project: 06002.20.242	Client: Div. 20
VTSR Date: Jun 06, 2006	VTSR Time: 14:05:00	Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
280606	W1922-24C	Water
280607	W1922-25C	Water
280608	W1922-26C	Water
280609	W1922-27C	Water
280610	W1922-28C	Water
280611	W1922-29C	Water
280612	W1922-2C	Water
280613	W1922-30C	Water
280614	W1922-31C	Water
280615	W1922-32C	Water
280616	W1922-33C	Water
280617	W1922-34C	Water
280618	W1922-35C	Water
280619	W1922-36C	Water
280620	W1922-37C	Water
280621	W1922-38C	Water
280622	W1922-39C	Water
280623	W1922-3C	Water
280624	W1922-40C	Water
280625	W1922-41C	Water
280626	W1922-42C	Water
280627	W1922-43C	Water
280628	W1922-44C	Water
280629	W1922-45C	Water
280630	W1922-46C	Water
280631	W1922-47C	Water
280632	W1922-48C	Water
280633	W1922-49C	Water
280634	W1922-4C	Water
280635	W1922-50C	Water
280636	W1922-51C	Water
280637	W1922-52C	Water
280638	W1922-53C	Water

Sample Login Book

010117

Jun 06, 2006

SwRI Login Area
Division 1

Sample Receipt: 29276	Project: 06002.20.242	Client: Div. 20
VTSR Date: Jun 06, 2006	VTSR Time: 14:05:00	Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
280639	W1922-54C	Water
280640	W1922-55C	Water
280641	W1922-56C	Water
280642	W1922-57C	Water
280643	W1922-58C	Water
280644	W1922-59C	Water
280645	W1922-5C	Water
280646	W1922-60C	Water
280647	W1922-61C	Water
280648	W1922-6C	Water
280649	W1922-7C	Water
280650	W1922-8C	Water
280651	W1922-9C	Water

Sample Receipt: 29277	Project: 06002.20.242	Client: Div. 20
VTSR Date: Jun 06, 2006	VTSR Time: 16:00:00	Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
280677	A1A	Water
280678	A2A	Water
280679	L01A	Water
280680	L02A	Water
280681	W1922-10A	Water
280682	W1922-11A	Water
280683	W1922-12A	Water
280684	W1922-13A	Water
280685	W1922-14A	Water
280686	W1922-15A	Water
280687	W1922-16A	Water
280688	W1922-17A	Water
280689	W1922-18A	Water
280690	W1922-19A	Water

Sample Login Book

Jun 29, 2006

010118

SwRI Login Area
Division 1

Sample Receipt: 29411	Project: 06002.01.242	Client: Div. 20
VTSR Date: Jun 29, 2006	VTSR Time: 10:45:00	Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
282118	1922-1C	Water
282119	1922-2C	Water
282120	1922-3C	Water
282121	19C-10C	Water
282122	19C-11C	Water
282123	19C-12C	Water
282124	19C-1C	Water
282125	19C-2C	Water
282126	19C-3C	Water
282127	19C-4C	Water
282128	19C-5C	Water
282129	19C-6C	Water
282130	19C-7C	Water
282131	19C-8C	Water
282132	19C-9C	Water
282133	19CW-10C	Water
282134	19CW-11C	Water
282135	19CW-12C	Water
282136	19CW-1C	Water
282137	19CW-2C	Water
282138	19CW-3C	Water
282139	19CW-4C	Water
282140	19CW-5C	Water
282141	19CW-6C	Water
282142	19CW-7C	Water
282143	19CW-8C	Water
282144	19CW-9C	Water
282145	22C-10C	Water
282146	22C-11C	Water
282147	22C-12C	Water
282148	22C-1C	Water
282149	22C-2C	Water
282150	22C-3C	Water

SwRI Login Area
Division 1

Sample Receipt: 29411	Project: 06002.01.242	Client: Div. 20
VTSR Date: Jun 29, 2006	VTSR Time: 10:45:00	Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
282151	22C-4C	Water
282152	22C-5C	Water
282153	22C-6C	Water
282154	22C-7C	Water
282155	22C-8C	Water
282156	22C-9C	Water
282157	22CW-10C	Water
282158	22CW-11C	Water
282159	22CW-12C	Water
282160	22CW-1C	Water
282161	22CW-2C	Water
282162	22CW-3C	Water
282163	22CW-4C	Water
282164	22CW-5C	Water
282165	22CW-6C	Water
282166	22CW-7C	Water
282167	22CW-8C	Water
282168	22CW-9C	Water

Sample Receipt: 29412	Project: 12235.02.00X	Client: USA Ag Chemicals
VTSR Date: Jun 29, 2006	VTSR Time: 16:30:00	Manager: SUN, GANG

System ID	Customer Sample ID	Matrix
282169	Chlorothalonil Tech. #20060525-1	Solid
282170	Chlorothalonil Tech. #20060526-2	Solid
282171	Chlorothalonil Tech. #20060527-1	Solid
282172	Chlorothalonil Tech. #20060601-1	Solid
282173	Chlorothalonil Tech. #20060604-1	Solid

Sample Receipt: 29413	Project: 12235.03.00X	Client: USA Ag Chemicals
VTSR Date: Jun 29, 2006	VTSR Time: 15:20:00	Manager: SUN, GANG

System ID	Customer Sample ID	Matrix
282174	Ethephon Tech. #20050916001	Solid

010120

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 060606-10, 060630-3, 060630-4, 060630-5
SRR: 29276, 29411
SDG: 280647, 282118, 282138, 282158
CASE: B. Werling
VTSR: June, 06, 29, 2006
PROJECT#: 06002.20.242, 06002.01.242

RAW DATA

DIV. 20
TO#060606-10, 060630-3,-4,-5
Project No. 06002.01.242

10121 Sample 7/12/06

280587 for K
1.6574 ug/ml x 10ml / 1ml = 16.6 mg/L

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
pbw-G07H4	K_766	5.00	U		mg/L	5				0.5	-0.032949754	-0.0329	1	5	-0.003294975	07/07/06	2:13 PM
pbw-G07H4	Li670	0.150	U		mg/L	0.15				0.02	-0.016556881	-0.0166	1	0.15	-0.001655688	07/07/06	2:13 PM
pbw-G07H4	Na589	2.50	U		mg/L	2.5				0.25	-1.738926787	-1.74	1	2.5	-0.173892679	07/07/06	2:13 PM
lcsw-G07H4	K_766	197			mg/L	5		98.5%	200	0.5	196.503116	197	1	5	19.6503116	07/07/06	2:16 PM
lcsw-G07H4	Li670	0.150	U		mg/L	0.15			0	0.02	0.003938776	0.00394	1	0.15	0.000393878	07/07/06	2:16 PM
lcsw-G07H4	Na589	200			mg/L	2.5		100.0%	200	0.25	200.115051	200	1	2.5	20.0115051	07/07/06	2:16 PM
280587	K_766	16.6			mg/L	5				0.5	16.574103	16.6	1	5	1.6574103	07/07/06	2:19 PM
280587	Li670	0.150	U		mg/L	0.15				0.02	0.132829372	0.133	1	0.15	0.013282937	07/07/06	2:19 PM
280587	Na589	167			mg/L	2.5				0.25	166.6803285	167	1	2.5	16.66803285	07/07/06	2:19 PM
280587d	K_766	15.2			mg/L	5	8.8%			0.5	15.22076516	15.2	1	5	1.522076516	07/07/06	2:22 PM
280587d	Li670	0.150	U		mg/L	0.15	0.0%			0.02	0.06891491	0.0689	1	0.15	0.006891491	07/07/06	2:22 PM
280587d	Na589	165			mg/L	2.5	1.2%			0.25	165.24604	165	1	2.5	16.524604	07/07/06	2:22 PM
280588	K_766	15.7			mg/L	5				0.5	15.68442708	15.7	1	5	1.568442708	07/07/06	2:25 PM
280588	Li670	0.150	U		mg/L	0.15				0.02	0.07820489	0.0782	1	0.15	0.007820489	07/07/06	2:25 PM
280588	Na589	170			mg/L	2.5				0.25	170.1269324	170	1	2.5	17.01269324	07/07/06	2:25 PM
280588s	K_766	219			mg/L	5		101.7%	200	0.5	218.7914344	219	1	5	21.87914344	07/07/06	2:28 PM
280588s	Li670	0.150	U	#DIV/0!	mg/L	0.15		#DIV/0!	0	0.02	0.120572308	0.121	1	0.15	0.012057231	07/07/06	2:28 PM
280588s	Na589	370			mg/L	2.5		100.0%	200	0.25	370.0796584	370	1	2.5	37.00796584	07/07/06	2:28 PM
280589	K_766	14.3			mg/L	5				0.5	14.30144211	14.3	1	5	1.430144211	07/07/06	2:31 PM
280589	Li670	0.698			mg/L	0.15				0.02	0.697595669	0.698	1	0.15	0.069759567	07/07/06	2:31 PM
280589	Na589	69.0			mg/L	2.5				0.25	69.0143555	69	1	2.5	6.90143555	07/07/06	2:31 PM
280590	K_766	13.6			mg/L	5				0.5	13.63722245	13.6	1	5	1.363722245	07/07/06	2:34 PM
280590	Li670	0.696			mg/L	0.15				0.02	0.696401848	0.696	1	0.15	0.069640185	07/07/06	2:34 PM
280590	Na589	68.0			mg/L	2.5				0.25	67.9979287	68	1	2.5	6.79979287	07/07/06	2:34 PM
280643	Li670	0.150	U		mg/L	0.15				0.02	0.007109071	0.00711	1	0.15	0.000710907	07/07/06	2:38 PM
280643	Na589	51.5			mg/L	2.5				0.25	51.51562355	51.5	1	2.5	5.151562355	07/07/06	2:38 PM
280644	Li670	0.150	U		mg/L	0.15				0.02	0.045658972	0.0457	1	0.15	0.004565897	07/07/06	2:41 PM
280644	Na589	52.9			mg/L	2.5				0.25	52.94063445	52.9	1	2.5	5.294063445	07/07/06	2:41 PM
280646	K_766	19.6			mg/L	5				0.5	19.56496544	19.6	1	5	1.956496544	07/07/06	2:55 PM
280646	Li670	0.150	U		mg/L	0.15				0.02	-0.000645837	-0.000646	1	0.15	-6.45837E-05	07/07/06	2:55 PM
280646	Na589	18.9			mg/L	2.5				0.25	18.88092414	18.9	1	2.5	1.888092414	07/07/06	2:55 PM
280647	K_766	22.1			mg/L	5				0.5	22.05279104	22.1	1	5	2.205279104	07/07/06	2:58 PM
280647	Li670	0.150	U		mg/L	0.15				0.02	0.026080849	0.0261	1	0.15	0.002608085	07/07/06	2:58 PM
280647	Na589	19.1			mg/L	2.5				0.25	19.08170872	19.1	1	2.5	1.908170872	07/07/06	2:58 PM
pbw-G07H3	K_766	5.00	U		mg/L	5				0.5	-0.473673791	-0.474	1	5	-0.047367379	07/07/06	3:47 PM
pbw-G07H3	Li670	0.150	U		mg/L	0.15				0.02	0.068687232	0.0687	1	0.15	0.006868723	07/07/06	3:47 PM
pbw-G07H3	Na589	2.50	U		mg/L	2.5				0.25	-1.166589435	-1.17	1	2.5	-0.116658944	07/07/06	3:47 PM
lcsw-G07H3	K_766	200			mg/L	5		100.0%	200	0.5	200.2994857	200	1	5	20.02994857	07/07/06	3:50 PM
lcsw-G07H3	Li670	0.150	U		mg/L	0.15			0	0.02	-0.002783393	-0.00278	1	0.15	-0.000278339	07/07/06	3:50 PM
lcsw-G07H3	Na589	199			mg/L	2.5		99.5%	200	0.25	198.5648547	199	1	2.5	19.85648547	07/07/06	3:50 PM
282158	K_766	5.02			mg/L	5				0.5	5.023010642	5.02	1	5	0.502301064	07/07/06	3:53 PM

7-13-06

DIV. 20
TO#060606-10, 060630-3,-4,-5
Project No. 06002.01.242

010122

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282158	Li670	0.150	U		mg/L	0.15				0.02	0.030266551	0.0303	1	0.15	0.003026655	07/07/06	3:53 PM
282158	Na589	56.5			mg/L	2.5				0.25	56.53146228	56.5	1	2.5	5.653146228	07/07/06	3:53 PM
282158d	K_766	5.67			mg/L	5	12.2%			0.5	5.674125589	5.67	1	5	0.567412559	07/07/06	3:56 PM
282158d	Li670	0.150	U		mg/L	0.15	0.0%			0.02	0.072931069	0.0729	1	0.15	0.007293107	07/07/06	3:56 PM
282158d	Na589	56.7			mg/L	2.5	0.4%			0.25	56.71960654	56.7	1	2.5	5.671960654	07/07/06	3:56 PM
282159	K_766	5.09			mg/L	5				0.5	5.094712639	5.09	1	5	0.509471264	07/07/06	3:59 PM
282159	Li670	0.150	U		mg/L	0.15				0.02	0.040910514	0.0409	1	0.15	0.004091051	07/07/06	3:59 PM
282159	Na589	92.5			mg/L	2.5				0.25	92.46338572	92.5	1	2.5	9.246338572	07/07/06	3:59 PM
282159s	K_766	205			mg/L	5		100.0%	200	0.5	204.5779564	205	1	5	20.45779564	07/07/06	4:02 PM
282159s	Li670	0.150	U	#DIV/0!	mg/L	0.15		#DIV/0!	0	0.02	-0.001217888	-0.00122	1	0.15	-0.000121789	07/07/06	4:02 PM
282159s	Na589	288			mg/L	2.5		97.8%	200	0.25	287.5820765	288	1	2.5	28.75820765	07/07/06	4:02 PM
282160	K_766	5.19			mg/L	5				0.5	5.18647172	5.19	1	5	0.518647172	07/07/06	4:05 PM
282160	Li670	0.150	U		mg/L	0.15				0.02	-0.011643408	-0.0116	1	0.15	-0.001164341	07/07/06	4:05 PM
282160	Na589	59.1			mg/L	2.5				0.25	59.06416321	59.1	1	2.5	5.906416321	07/07/06	4:05 PM
282161	K_766	5.81			mg/L	5				0.5	5.81248023	5.81	1	5	0.581248023	07/07/06	4:08 PM
282161	Li670	0.150	U		mg/L	0.15				0.02	-0.018516741	-0.0185	1	0.15	-0.001851674	07/07/06	4:08 PM
282161	Na589	56.6			mg/L	2.5				0.25	56.55794108	56.6	1	2.5	5.655794108	07/07/06	4:08 PM
282162	K_766	6.24			mg/L	5				0.5	6.242817657	6.24	1	5	0.624281766	07/07/06	4:11 PM
282162	Li670	0.150	U		mg/L	0.15				0.02	0.018788129	0.0188	1	0.15	0.001878813	07/07/06	4:11 PM
282162	Na589	57.4			mg/L	2.5				0.25	57.42728735	57.4	1	2.5	5.742728735	07/07/06	4:11 PM
282163	K_766	5.00	U		mg/L	5				0.5	3.480027241	3.48	1	5	0.348002724	07/07/06	4:14 PM
282163	Li670	0.150	U		mg/L	0.15				0.02	-0.065496605	-0.0655	1	0.15	-0.006549661	07/07/06	4:14 PM
282163	Na589	56.5			mg/L	2.5				0.25	56.4838231	56.5	1	2.5	5.64838231	07/07/06	4:14 PM
282164	Li670	0.150	U		mg/L	0.15				0.02	-0.048682403	-0.0487	1	0.15	-0.00486824	07/07/06	4:26 PM
282164	Na589	57.1			mg/L	2.5				0.25	57.08653351	57.1	1	2.5	5.708653351	07/07/06	4:26 PM
282165	Li670	0.150	U		mg/L	0.15				0.02	0.010791597	0.0108	1	0.15	0.00107916	07/07/06	4:29 PM
282165	Na589	56.2			mg/L	2.5				0.25	56.20167325	56.2	1	2.5	5.620167325	07/07/06	4:29 PM
282166	Li670	0.150	U		mg/L	0.15				0.02	0.018100202	0.0181	1	0.15	0.00181002	07/07/06	4:32 PM
282166	Na589	55.8			mg/L	2.5				0.25	55.7712299	55.8	1	2.5	5.57712299	07/07/06	4:32 PM
282167	Li670	0.150	U		mg/L	0.15				0.02	-0.013857946	-0.0139	1	0.15	-0.001385795	07/07/06	4:35 PM
282167	Na589	56.3			mg/L	2.5				0.25	56.29001961	56.3	1	2.5	5.629001961	07/07/06	4:35 PM
282168	Li670	0.150	U		mg/L	0.15				0.02	0.023827447	0.0238	1	0.15	0.002382745	07/07/06	4:38 PM
282168	Na589	55.7			mg/L	2.5				0.25	55.73372631	55.7	1	2.5	5.573372631	07/07/06	4:38 PM
pbw-G07H1	K_766	5.00	U		mg/L	5				0.5	2.192303063	2.19	1	5	0.219230306	07/07/06	5:52 PM
pbw-G07H1	Li670	0.150	U		mg/L	0.15				0.02	0.052547884	0.0525	1	0.15	0.005254788	07/07/06	5:52 PM
pbw-G07H1	Na589	2.50	U		mg/L	2.5				0.25	-0.066215839	-0.0662	1	2.5	-0.006621584	07/07/06	5:52 PM
lcsw-G07H1	K_766	202			mg/L	5		101.0%	200	0.5	201.5352221	202	1	5	20.15352221	07/07/06	5:55 PM
lcsw-G07H1	Li670	0.150	U		mg/L	0.15			0	0.02	0.046379564	0.0464	1	0.15	0.004637956	07/07/06	5:55 PM
lcsw-G07H1	Na589	201			mg/L	2.5		100.5%	200	0.25	201.0898013	201	1	2.5	20.10898013	07/07/06	5:55 PM
282118	K_766	5.00	U		mg/L	5				0.5	4.832700049	4.83	1	5	0.483270005	07/07/06	5:58 PM
282118	Li670	0.150	U		mg/L	0.15				0.02	0.021206254	0.0212	1	0.15	0.002120625	07/07/06	5:58 PM

DIV. 20
TO#060606-10, 060630-3,-4,-5
Project No. 06002.01.242

010123

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282118	Na589	52.5			mg/L	2.5				0.25	52.48889991	52.5	1	2.5	5.248889991	07/07/06	5:58 PM
282118d	Li670	0.150	U		mg/L	0.15	0.0%			0.02	0.034102988	0.0341	1	0.15	0.003410299	07/07/06	6:01 PM
282118d	Na589	51.1			mg/L	2.5	2.7%			0.25	51.14251759	51.1	1	2.5	5.114251759	07/07/06	6:01 PM
282119	K_766	19.8			mg/L	5				0.5	19.77739288	19.8	1	5	1.977739288	07/07/06	6:04 PM
282119	Li670	0.150	U		mg/L	0.15				0.02	0.016418406	0.0164	1	0.15	0.001641841	07/07/06	6:04 PM
282119	Na589	18.9			mg/L	2.5				0.25	18.91756528	18.9	1	2.5	1.891756528	07/07/06	6:04 PM
282119s	K_766	221			mg/L	5		100.6%	200	0.5	220.6357656	221	1	5	22.06357656	07/07/06	6:08 PM
282119s	Li670	0.150	U		mg/L	0.15			0	0.02	0.033871918	0.0339	1	0.15	0.003387192	07/07/06	6:08 PM
282119s	Na589	220			mg/L	2.5		100.6%	200	0.25	220.061855	220	1	2.5	22.0061855	07/07/06	6:08 PM
282120	K_766	20.5			mg/L	5				0.5	20.54963769	20.5	1	5	2.054963769	07/07/06	6:11 PM
282120	Li670	0.150	U		mg/L	0.15				0.02	-0.011986929	-0.012	1	0.15	-0.001198693	07/07/06	6:11 PM
282120	Na589	20.1			mg/L	2.5				0.25	20.06650487	20.1	1	2.5	2.006650487	07/07/06	6:11 PM
282121	Li670	0.150	U		mg/L	0.15				0.02	0.055707242	0.0557	1	0.15	0.005570724	07/07/06	6:14 PM
282121	Na589	76.8			mg/L	2.5				0.25	76.83109162	76.8	1	2.5	7.683109162	07/07/06	6:14 PM
282122	K_766	5.00	U		mg/L	5				0.5	2.400994484	2.4	1	5	0.240099448	07/07/06	6:17 PM
282122	Li670	0.150	U		mg/L	0.15				0.02	0.024197616	0.0242	1	0.15	0.002419762	07/07/06	6:17 PM
282122	Na589	76.2			mg/L	2.5				0.25	76.23994293	76.2	1	2.5	7.623994293	07/07/06	6:17 PM
282123	Li670	0.150	U		mg/L	0.15				0.02	0.028610049	0.0286	1	0.15	0.002861005	07/07/06	6:20 PM
282123	Na589	112			mg/L	2.5				0.25	111.5110097	112	1	2.5	11.15110097	07/07/06	6:20 PM
282124	Li670	0.150	U		mg/L	0.15				0.02	0.010246629	0.0102	1	0.15	0.001024663	07/07/06	6:31 PM
282124	Na589	77.2			mg/L	2.5				0.25	77.19934966	77.2	1	2.5	7.719934966	07/07/06	6:31 PM
282125	K_766	5.00	U		mg/L	5				0.5	0.887471392	0.887	1	5	0.088747139	07/07/06	6:34 PM
282125	Li670	0.150	U		mg/L	0.15				0.02	0.06804598	0.068	1	0.15	0.006804598	07/07/06	6:34 PM
282125	Na589	76.3			mg/L	2.5				0.25	76.26302465	76.3	1	2.5	7.626302465	07/07/06	6:34 PM
282126	K_766	5.00	U		mg/L	5				0.5	4.492154925	4.49	1	5	0.449215492	07/07/06	6:37 PM
282126	Li670	0.150	U		mg/L	0.15				0.02	-0.018326206	-0.0183	1	0.15	-0.001832621	07/07/06	6:37 PM
282126	Na589	76.6			mg/L	2.5				0.25	76.57654268	76.6	1	2.5	7.657654268	07/07/06	6:37 PM
282127	K_766	5.00	U		mg/L	5				0.5	4.118644348	4.12	1	5	0.411864435	07/07/06	6:40 PM
282127	Li670	0.150	U		mg/L	0.15				0.02	0.051836797	0.0518	1	0.15	0.00518368	07/07/06	6:40 PM
282127	Na589	77.6			mg/L	2.5				0.25	77.57318667	77.6	1	2.5	7.757318667	07/07/06	6:40 PM
282128	K_766	5.00	U		mg/L	5				0.5	4.764730245	4.76	1	5	0.476473025	07/07/06	6:43 PM
282128	Li670	0.150	U		mg/L	0.15				0.02	-0.012562109	-0.0126	1	0.15	-0.001256211	07/07/06	6:43 PM
282128	Na589	78.5			mg/L	2.5				0.25	78.45198105	78.5	1	2.5	7.845198105	07/07/06	6:43 PM
282129	Li670	0.150	U		mg/L	0.15				0.02	-0.003692252	-0.00369	1	0.15	-0.000369225	07/07/06	6:46 PM
282129	Na589	75.6			mg/L	2.5				0.25	75.56128649	75.6	1	2.5	7.556128649	07/07/06	6:46 PM
282130	K_766	5.00	U		mg/L	5				0.5	3.470160976	3.47	1	5	0.347016098	07/07/06	6:49 PM
282130	Li670	0.150	U		mg/L	0.15				0.02	-0.002414187	-0.00241	1	0.15	-0.000241419	07/07/06	6:49 PM
282130	Na589	77.5			mg/L	2.5				0.25	77.51135783	77.5	1	2.5	7.751135783	07/07/06	6:49 PM
282131	K_766	5.86			mg/L	5				0.5	5.860916765	5.86	1	5	0.586091676	07/07/06	6:53 PM
282131	Li670	0.150	U		mg/L	0.15				0.02	0.05522703	0.0552	1	0.15	0.005522703	07/07/06	6:53 PM
282131	Na589	76.5			mg/L	2.5				0.25	76.50238838	76.5	1	2.5	7.650238838	07/07/06	6:53 PM

DIV. 20
TO#060606-10, 060630-3,-4,-5
Project No. 06002.01.242

0010124

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282132	Li670	0.150	U		mg/L	0.15				0.02	-0.009295605	-0.0093	1	0.15	-0.00092956	07/07/06	6:56 PM
282132	Na589	79.1			mg/L	2.5				0.25	79.12178616	79.1	1	2.5	7.912178616	07/07/06	6:56 PM
282133	K_766	6.11			mg/L	5				0.5	6.105051473	6.11	1	5	0.610505147	07/07/06	6:59 PM
282133	Li670	0.150	U		mg/L	0.15				0.02	0.005851977	0.00585	1	0.15	0.000585198	07/07/06	6:59 PM
282133	Na589	58.3			mg/L	2.5				0.25	58.33996341	58.3	1	2.5	5.833996341	07/07/06	6:59 PM
282134	K_766	5.00	U		mg/L	5				0.5	4.298938629	4.3	1	5	0.429893863	07/07/06	7:10 PM
282134	Li670	0.150	U		mg/L	0.15				0.02	0.028641968	0.0286	1	0.15	0.002864197	07/07/06	7:10 PM
282134	Na589	59.2			mg/L	2.5				0.25	59.24259285	59.2	1	2.5	5.924259285	07/07/06	7:10 PM
282135	K_766	5.00	U		mg/L	5				0.5	3.450409372	3.45	1	5	0.345040937	07/07/06	7:13 PM
282135	Li670	0.150	U		mg/L	0.15				0.02	0.002876071	0.00288	1	0.15	0.000287607	07/07/06	7:13 PM
282135	Na589	93.3			mg/L	2.5				0.25	93.28195511	93.3	1	2.5	9.328195511	07/07/06	7:13 PM
282136	Li670	0.150	U		mg/L	0.15				0.02	0.014936318	0.0149	1	0.15	0.001493632	07/07/06	7:16 PM
282136	Na589	60.5			mg/L	2.5				0.25	60.5077489	60.5	1	2.5	6.05077489	07/07/06	7:16 PM
282137	Li670	0.150	U		mg/L	0.15				0.02	-0.004243667	-0.00424	1	0.15	-0.000424367	07/07/06	7:19 PM
282137	Na589	59.2			mg/L	2.5				0.25	59.23188471	59.2	1	2.5	5.923188471	07/07/06	7:19 PM
pbw-G07H2	K_766	5.00	U		mg/L	5				0.5	2.824508902	2.82	1	5	0.28245089	07/07/06	7:39 PM
pbw-G07H2	Li670	0.150	U		mg/L	0.15				0.02	0.027640803	0.0276	1	0.15	0.00276408	07/07/06	7:39 PM
pbw-G07H2	Na589	2.50	U		mg/L	2.5				0.25	-0.314104389	-0.314	1	2.5	-0.031410439	07/07/06	7:39 PM
lcsw-G07H2	K_766	202			mg/L	5		101.0%	200	0.5	202.1142744	202	1	5	20.21142744	07/07/06	7:43 PM
lcsw-G07H2	Li670	0.150	U		mg/L	0.15			0	0.02	-0.006546781	-0.00655	1	0.15	-0.000654678	07/07/06	7:43 PM
lcsw-G07H2	Na589	202			mg/L	2.5		101.0%	200	0.25	201.9938971	202	1	2.5	20.19938971	07/07/06	7:43 PM
282138	Li670	0.150	U		mg/L	0.15				0.02	-0.02655349	-0.0266	1	0.15	-0.002655349	07/07/06	7:46 PM
282138	Na589	60.2			mg/L	2.5				0.25	60.20460842	60.2	1	2.5	6.020460842	07/07/06	7:46 PM
282138d	Li670	0.150	U		mg/L	0.15	0.0%			0.02	-0.011582815	-0.0116	1	0.15	-0.001158282	07/07/06	7:49 PM
282138d	Na589	59.8			mg/L	2.5	0.7%			0.25	59.78373449	59.8	1	2.5	5.978373449	07/07/06	7:49 PM
282139	K_766	5.68			mg/L	5				0.5	5.680156617	5.68	1	5	0.568015662	07/07/06	7:52 PM
282139	Li670	0.150	U		mg/L	0.15				0.02	0.005747547	0.00575	1	0.15	0.000574755	07/07/06	7:52 PM
282139	Na589	59.8			mg/L	2.5				0.25	59.75988491	59.8	1	2.5	5.975988491	07/07/06	7:52 PM
282139s	K_766	206			mg/L	5		100.2%	200	0.5	205.7803942	206	1	5	20.57803942	07/07/06	7:55 PM
282139s	Li670	0.150	U	#DIV/0!	mg/L	0.15		#DIV/0!	0	0.02	-0.007598312	-0.0076	1	0.15	-0.000759831	07/07/06	7:55 PM
282139s	Na589	259			mg/L	2.5		99.6%	200	0.25	258.9226564	259	1	2.5	25.89226564	07/07/06	7:55 PM
282140	K_766	7.11			mg/L	5				0.5	7.105865839	7.11	1	5	0.710586584	07/07/06	7:58 PM
282140	Li670	0.150	U		mg/L	0.15				0.02	-0.004591401	-0.00459	1	0.15	-0.00045914	07/07/06	7:58 PM
282140	Na589	59.9			mg/L	2.5				0.25	59.85532804	59.9	1	2.5	5.985532804	07/07/06	7:58 PM
282141	K_766	5.11			mg/L	5				0.5	5.112977555	5.11	1	5	0.511297755	07/07/06	8:01 PM
282141	Li670	0.150	U		mg/L	0.15				0.02	0.010093349	0.0101	1	0.15	0.001009335	07/07/06	8:01 PM
282141	Na589	58.5			mg/L	2.5				0.25	58.48867627	58.5	1	2.5	5.848867627	07/07/06	8:01 PM
282142	K_766	5.00	U		mg/L	5				0.5	1.071024746	1.07	1	5	0.107102475	07/07/06	8:04 PM
282142	Li670	0.150	U		mg/L	0.15				0.02	0.046759784	0.0468	1	0.15	0.004675978	07/07/06	8:04 PM
282142	Na589	58.6			mg/L	2.5				0.25	58.62656583	58.6	1	2.5	5.862656583	07/07/06	8:04 PM
282143	K_766	6.62			mg/L	5				0.5	6.618075188	6.62	1	5	0.661807519	07/07/06	8:07 PM

DIV. 20
TO#060606-10, 060630-3,-4,-5
Project No. 06002.01.242

010125

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282143	Li670	0.150	U		mg/L	0.15				0.02	0.003600788	0.0036	1	0.15	0.000360079	07/07/06	8:07 PM
282143	Na589	58.4			mg/L	2.5				0.25	58.41787797	58.4	1	2.5	5.841787797	07/07/06	8:07 PM
282144	Li670	0.150	U		mg/L	0.15				0.02	-0.013970213	-0.014	1	0.15	-0.001397021	07/07/06	8:18 PM
282144	Na589	58.9			mg/L	2.5				0.25	58.93353185	58.9	1	2.5	5.893353185	07/07/06	8:18 PM
282145	K_766	5.00	U		mg/L	5				0.5	4.672820943	4.67	1	5	0.467282094	07/07/06	8:21 PM
282145	Li670	0.150	U		mg/L	0.15				0.02	0.029310878	0.0293	1	0.15	0.002931088	07/07/06	8:21 PM
282145	Na589	73.5			mg/L	2.5				0.25	73.48664187	73.5	1	2.5	7.348664187	07/07/06	8:21 PM
282146	Li670	0.150	U		mg/L	0.15				0.02	0.028625728	0.0286	1	0.15	0.002862573	07/07/06	8:24 PM
282146	Na589	75.1			mg/L	2.5				0.25	75.14989268	75.1	1	2.5	7.514989268	07/07/06	8:24 PM
282147	K_766	5.00	U		mg/L	5				0.5	3.966705858	3.97	1	5	0.396670586	07/07/06	8:27 PM
282147	Li670	0.150	U		mg/L	0.15				0.02	0.023490704	0.0235	1	0.15	0.00234907	07/07/06	8:27 PM
282147	Na589	109			mg/L	2.5				0.25	109.0033893	109	1	2.5	10.90033893	07/07/06	8:27 PM
282148	K_766	5.00	U		mg/L	5				0.5	4.113588363	4.11	1	5	0.411358836	07/07/06	8:31 PM
282148	Li670	0.150	U		mg/L	0.15				0.02	0.057344287	0.0573	1	0.15	0.005734429	07/07/06	8:31 PM
282148	Na589	79.2			mg/L	2.5				0.25	79.22767626	79.2	1	2.5	7.922767626	07/07/06	8:31 PM
282149	K_766	5.00	U		mg/L	5				0.5	2.430706942	2.43	1	5	0.243070694	07/07/06	8:34 PM
282149	Li670	0.150	U		mg/L	0.15				0.02	0.028960439	0.029	1	0.15	0.002896044	07/07/06	8:34 PM
282149	Na589	75.2			mg/L	2.5				0.25	75.16004432	75.2	1	2.5	7.516004432	07/07/06	8:34 PM
282150	K_766	5.00	U		mg/L	5				0.5	3.809064599	3.81	1	5	0.38090646	07/07/06	8:37 PM
282150	Li670	0.150	U		mg/L	0.15				0.02	0.045857075	0.0459	1	0.15	0.004585707	07/07/06	8:37 PM
282150	Na589	76.6			mg/L	2.5				0.25	76.55456394	76.6	1	2.5	7.655456394	07/07/06	8:37 PM
282151	K_766	5.00	U		mg/L	5				0.5	2.88569855	2.89	1	5	0.288569855	07/07/06	8:40 PM
282151	Li670	0.150	U		mg/L	0.15				0.02	0.065452406	0.0655	1	0.15	0.006545241	07/07/06	8:40 PM
282151	Na589	73.8			mg/L	2.5				0.25	73.84387395	73.8	1	2.5	7.384387395	07/07/06	8:40 PM
282152	K_766	5.00	U		mg/L	5				0.5	2.258195328	2.26	1	5	0.225819533	07/07/06	8:43 PM
282152	Li670	0.150	U		mg/L	0.15				0.02	0.051194138	0.0512	1	0.15	0.005119414	07/07/06	8:43 PM
282152	Na589	75.9			mg/L	2.5				0.25	75.87640707	75.9	1	2.5	7.587640707	07/07/06	8:43 PM
282153	K_766	5.00	U		mg/L	5				0.5	3.297738795	3.3	1	5	0.32977388	07/07/06	8:46 PM
282153	Li670	0.150	U		mg/L	0.15				0.02	-0.006160083	-0.00616	1	0.15	-0.000616008	07/07/06	8:46 PM
282153	Na589	75.1			mg/L	2.5				0.25	75.09873694	75.1	1	2.5	7.509873694	07/07/06	8:46 PM
282154	K_766	5.00	U		mg/L	5				0.5	3.057712997	3.06	1	5	0.3057713	07/07/06	8:57 PM
282154	Li670	0.150	U		mg/L	0.15				0.02	-0.044635325	-0.0446	1	0.15	-0.004463532	07/07/06	8:57 PM
282154	Na589	72.8			mg/L	2.5				0.25	72.76020729	72.8	1	2.5	7.276020729	07/07/06	8:57 PM
282155	Li670	0.150	U		mg/L	0.15				0.02	-0.012530377	-0.0125	1	0.15	-0.001253038	07/07/06	9:00 PM
282155	Na589	79.7			mg/L	2.5				0.25	79.67378493	79.7	1	2.5	7.967378493	07/07/06	9:00 PM
282156	Li670	0.150	U		mg/L	0.15				0.02	0.005637999	0.00564	1	0.15	0.0005638	07/07/06	9:03 PM
282156	Na589	75.0			mg/L	2.5				0.25	75.04902288	75	1	2.5	7.504902288	07/07/06	9:03 PM
282157	K_766	7.61			mg/L	5				0.5	7.610174507	7.61	1	5	0.761017451	07/07/06	9:06 PM
282157	Li670	0.150	U		mg/L	0.15				0.02	-0.076884629	-0.0769	1	0.15	-0.007688463	07/07/06	9:06 PM
282157	Na589	54.0			mg/L	2.5				0.25	53.97122809	54	1	2.5	5.397122809	07/07/06	9:06 PM

DIV.20
TO#060630-3
Project No. 06002.01.242
Prep. Page 63-218

010126

7/12/06

7-13-06

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
pbw-G12H1	K_766	5.00	U		mg/L	5				0.500	1.130629944	1.13	1	5	0.113062994	07/12/06	11:19 AM
lcsw-G12H1	K_766	206			mg/L	5		103.0%	200	0.500	205.6363903	206	1	5	20.56363903	07/12/06	11:22 AM
282118d	K_766	5.15			mg/L	5	6.4%	200% WS 07/12/06		0.500	5.14706306	5.15	1	5	0.514706306	07/12/06	11:27 AM
282121	K_766	5.05			mg/L	5				0.500	5.048579553	5.05	1	5	0.504857955	07/12/06	11:37 AM
282123	K_766	5.00	U		mg/L	5				0.500	3.880979626	3.88	1	5	0.388097963	07/12/06	11:42 AM
282124	K_766	5.00	U		mg/L	5				0.500	3.280927002	3.28	1	5	0.3280927	07/12/06	11:52 AM
282129	K_766	5.00	U		mg/L	5				0.500	4.679519457	4.68	1	5	0.467951946	07/12/06	12:05 PM
282132	K_766	6.38			mg/L	5				0.500	6.380659317	6.38	1	5	0.638065932	07/12/06	12:13 PM
282136	K_766	7.77			mg/L	5				0.500	7.765847962	7.77	1	5	0.776584796	07/12/06	12:31 PM
282137	K_766	6.85			mg/L	5				0.500	6.853468328	6.85	1	5	0.685346833	07/12/06	12:33 PM

282137

$0.6853\ mg/ml \times \frac{10ml}{1ml} = 6.85\ mg/L$

DIV. 20
TO#060630-4
Project No. 06002.01.242
Prep. Page 63-219

10127

7/12/06 *

7.13.06

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/kg	sigwt	Dilution	Calc RL	ug/ml	Date	Time
pbw-G12H2	K_766	5.00	U		mg/kg	5				0.500	2.623088095	2.62	1	5	0.262308809	07/12/06	1:35 PM
lcsw-G12H2	K_766	202			mg/kg	5		101.0%	200	0.500	201.6575337	202	1	5	20.16575337	07/12/06	1:38 PM
282138	K_766	5.82			mg/kg	5				0.500	5.817460199	5.82	1	5	0.58174602	07/12/06	1:40 PM
282138d	K_766	6.87			mg/kg	5	16.5%			0.500	6.874458104	6.87	1	5	0.68744581	07/12/06	1:43 PM
282144	K_766	7.72			mg/kg	5				0.500	7.723602876	7.72	1	5	0.772360288	07/12/06	2:08 PM
282146	K_766	5.00	U		mg/kg	5				0.500	4.097089351	4.1	1	5	0.409708935	07/12/06	2:13 PM
282155	K_766	5.06			mg/kg	5				0.500	5.060191616	5.06	1	5	0.506019162	07/12/06	2:44 PM
282156	K_766	7.08			mg/kg	5				0.500	7.077284375	7.08	1	5	0.707728437	07/12/06	2:46 PM

* mg/L

mg/L

282156

$0.707728\ \mu g/ml \times \frac{10ml}{1ml} = 7.08\ \frac{mg}{L}$

DIV.20
TO#060630-5/060606-10
Project No. 06002.01.242
Prep. Page 63-217

010128

7/12/06

7-13-06

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
pbw-G12H1	K_766	5.00	U		mg/L	5				0.500	1.545843021	1.55	1	5	0.154584302	07/12/06	9:59 AM
lcsw-G12H1	K_766	201			mg/L	5		100.5%	200	0.500	200.6374996	201	1	5	20.06374996	07/12/06	10:01 AM
280643	K_766	5.00	U		mg/L	5				0.500	3.618719299	3.62	1	5	0.36187193	07/12/06	10:04 AM
280644	K_766	5.00	U		mg/L	5				0.500	2.362756417	2.36	1	5	0.236275642	07/12/06	10:09 AM
282164	K_766	5.00	U		mg/L	5				0.500	4.632725516	4.63	1	5	0.463272552	07/12/06	10:14 AM
282165	K_766	6.30			mg/L	5				0.500	6.302454172	6.3	1	5	0.630245417	07/12/06	10:17 AM
282166	K_766	8.68			mg/L	5				0.500	8.67781583	8.68	1	5	0.867781583	07/12/06	10:19 AM
282167	K_766	6.12			mg/L	5				0.500	6.119201338	6.12	1	5	0.611920134	07/12/06	10:22 AM
282168	K_766	6.00			mg/L	5				0.500	6.003307639	6	1	5	0.600330764	07/12/06	10:32 AM

282168

$0.6003 \text{ ug/ml} \times \frac{10 \text{ ml}}{1 \text{ ml}} = 6.00 \frac{\text{mg}}{\text{L}}$

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002,01.242 7/12/06

7-13-06

All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
pbw-G07H1	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0079	-0.0079	1	0.05	-0.00079	07/07/06	18:36
pbw-G07H1	Al3082	0.500	U		mg/L	0.5				0.05	0.0726	0.0726	1	0.5	0.00726	07/07/06	18:36
pbw-G07H1	As1890	0.0500	U		mg/L	0.05				0.005	-0.0094	-0.0094	1	0.05	-0.00094	07/07/06	18:36
pbw-G07H1	B_2496	0.200	U		mg/L	0.2				0.02	0.0641	0.0641	1	0.2	0.00641	07/07/06	18:36
pbw-G07H1	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0007	0.0007	1	0.05	0.00007	07/07/06	18:36
pbw-G07H1	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	18:36
pbw-G07H1	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0234	-0.0234	1	0.1	-0.00234	07/07/06	18:36
pbw-G07H1	Ca3179	0.500	U		mg/L	0.5				0.05	0.3123	0.312	1	0.5	0.03123	07/07/06	18:36
pbw-G07H1	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	07/07/06	18:36
pbw-G07H1	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0065	-0.0065	1	0.05	-0.00065	07/07/06	18:36
pbw-G07H1	Cr2677	0.0500	U		mg/L	0.05				0.005	0.013	0.013	1	0.05	0.0013	07/07/06	18:36
pbw-G07H1	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0027	0.0027	1	0.05	0.00027	07/07/06	18:36
pbw-G07H1	Fe2714	0.500	U		mg/L	0.5				0.05	0.1482	0.148	1	0.5	0.01482	07/07/06	18:36
pbw-G07H1	La3988	0.0500	U		mg/L	0.05				0.005	-0.0146	-0.0146	1	0.05	-0.00146	07/07/06	18:36
pbw-G07H1	Mg2790	0.500	U		mg/L	0.5				0.05	-0.0647	-0.0647	1	0.5	-0.00647	07/07/06	18:36
pbw-G07H1	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0015	0.0015	1	0.05	0.00015	07/07/06	18:36
pbw-G07H1	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0033	0.0033	1	0.05	0.00033	07/07/06	18:36
pbw-G07H1	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0027	-0.0027	1	0.05	-0.00027	07/07/06	18:36
pbw-G07H1	P_1782	0.200	U		mg/L	0.2				0.02	-0.047	-0.047	1	0.2	-0.0047	07/07/06	18:36
pbw-G07H1	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0155	-0.0155	1	0.1	-0.00155	07/07/06	18:36
pbw-G07H1	S_1820	0.200	U		mg/L	0.2				0.02	-0.0787	-0.0787	1	0.2	-0.00787	07/07/06	18:36
pbw-G07H1	Sb2068	0.150	U		mg/L	0.15				0.015	0.0661	0.0661	1	0.15	0.00661	07/07/06	18:36
pbw-G07H1	Si2881	0.200	U		mg/L	0.2				0.02	-0.0549	-0.0549	1	0.2	-0.00549	07/07/06	18:36
pbw-G07H1	Pb220	0.0500	U		mg/L	0.05				0.005	0.0052	0.0052	1	0.05	0.00052	07/07/06	18:36
pbw-G07H1	Se196	0.0500	U		mg/L	0.05				0.005	-0.0024	-0.0024	1	0.05	-0.00024	07/07/06	18:36
pbw-G07H1	Sn1899	0.0500	U		mg/L	0.05				0.005	0.005	0.005	1	0.05	0.0005	07/07/06	18:36
pbw-G07H1	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	18:36
pbw-G07H1	Th2837	0.300	U		mg/L	0.3				0.03	0.0598	0.0598	1	0.3	0.00598	07/07/06	18:36
pbw-G07H1	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	07/07/06	18:36
pbw-G07H1	Tl1908	0.100	U		mg/L	0.1				0.01	0.0123	0.0123	1	0.1	0.00123	07/07/06	18:36
pbw-G07H1	U_4090	1.25	U		mg/L	1.25				0.125	-0.5136	-0.514	1	1.25	-0.05136	07/07/06	18:36
pbw-G07H1	V_2924	0.0500	U		mg/L	0.05				0.005	0.0089	0.0089	1	0.05	0.00089	07/07/06	18:36
pbw-G07H1	W_2079	0.100	U		mg/L	0.1				0.01	-0.0476	-0.0476	1	0.1	-0.00476	07/07/06	18:36
pbw-G07H1	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0011	0.0011	1	0.05	0.00011	07/07/06	18:36
pbw-G07H1	Zn2062	0.0500	U		mg/L	0.05				0.005	-0.0029	-0.0029	1	0.05	-0.00029	07/07/06	18:36
pbw-G07H1	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0006	0.0006	1	0.05	0.00006	07/07/06	18:36
lcsw-G07H1	Ag3280	0.485			mg/L	0.05		97.0%	0.5	0.005	0.4853	0.485	1	0.05	0.04853	07/07/06	18:40
lcsw-G07H1	Al3082	19.2			mg/L	0.5		96.0%	20	0.05	19.1539	19.2	1	0.5	1.91539	07/07/06	18:40
lcsw-G07H1	As1890	19.7			mg/L	0.05		98.5%	20	0.005	19.6584	19.7	1	0.05	1.96584	07/07/06	18:40

010129

div20_060606(10)

282118d for Ca

$0.45329\ \mu g/ml \times \frac{10ml}{1ml} = 4.53\ mg/L$

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
lcsw-G07H1	B_2496	0.200	U		mg/L	0.2			0	0.02	0.0553	0.0553	1	0.2	0.00553	07/07/06	18:40
lcsw-G07H1	Ba4934	19.9			mg/L	0.05		99.5%	20	0.005	19.8652	19.9	1	0.05	1.98652	07/07/06	18:40
lcsw-G07H1	Be3130	0.489			mg/L	0.05		97.8%	0.5	0.005	0.4885	0.489	1	0.05	0.04885	07/07/06	18:40
lcsw-G07H1	Bi2230	0.100	U		mg/L	0.1			0	0.01	0.0205	0.0205	1	0.1	0.00205	07/07/06	18:40
lcsw-G07H1	Ca3179	205			mg/L	0.5		102.5%	200	0.05	204.9604	205	1	0.5	20.49604	07/07/06	18:40
lcsw-G07H1	Cd2265	0.481			mg/L	0.05		96.2%	0.5	0.005	0.4814	0.481	1	0.05	0.04814	07/07/06	18:40
lcsw-G07H1	Co2286	4.88			mg/L	0.05		97.6%	5	0.005	4.8763	4.88	1	0.05	0.48763	07/07/06	18:40
lcsw-G07H1	Cr2677	1.90			mg/L	0.05		95.0%	2	0.005	1.9009	1.9	1	0.05	0.19009	07/07/06	18:40
lcsw-G07H1	Cu3247	2.42			mg/L	0.05		96.8%	2.5	0.005	2.4163	2.42	1	0.05	0.24163	07/07/06	18:40
lcsw-G07H1	Fe2714	11.5			mg/L	0.5		115.0%	10	0.05	11.4515	11.5	1	0.5	1.14515	07/07/06	18:40
lcsw-G07H1	La3988	0.0500	U		mg/L	0.05			0	0.005	-0.004	-0.004	1	0.05	-0.0004	07/07/06	18:40
lcsw-G07H1	Mg2790	203			mg/L	0.5		101.5%	200	0.05	203.1462	203	1	0.5	20.31462	07/07/06	18:40
lcsw-G07H1	Mn2576	4.89			mg/L	0.05		97.8%	5	0.005	4.8895	4.89	1	0.05	0.48895	07/07/06	18:40
lcsw-G07H1	Mo2020	0.0500	U		mg/L	0.05			0	0.005	-0.0066	-0.0066	1	0.05	-0.00066	07/07/06	18:40
lcsw-G07H1	Ni2316	4.78			mg/L	0.05		95.6%	5	0.005	4.7803	4.78	1	0.05	0.47803	07/07/06	18:40
lcsw-G07H1	P_1782	40.2			mg/L	0.2		100.5%	40	0.02	40.2124	40.2	1	0.2	4.02124	07/07/06	18:40
lcsw-G07H1	Pd3404	0.100	U		mg/L	0.1			0	0.01	0.0216	0.0216	1	0.1	0.00216	07/07/06	18:40
lcsw-G07H1	S_1820	0.200	U		mg/L	0.2			0	0.02	-0.0613	-0.0613	1	0.2	-0.00613	07/07/06	18:40
lcsw-G07H1	Sb2068	4.90			mg/L	0.15		98.0%	5	0.015	4.895	4.9	1	0.15	0.4895	07/07/06	18:40
lcsw-G07H1	Si2881	39.9			mg/L	0.2		99.8%	40	0.02	39.8713	39.9	1	0.2	3.98713	07/07/06	18:40
lcsw-G07H1	Pb220	4.76			mg/L	0.05		95.2%	5	0.005	4.7643	4.76	1	0.05	0.47643	07/07/06	18:40
lcsw-G07H1	Se196	20.0			mg/L	0.05		100.0%	20	0.005	20.0143	20	1	0.05	2.00143	07/07/06	18:40
lcsw-G07H1	Sn1899	0.0500	U		mg/L	0.05			0	0.005	0.0016	0.0016	1	0.05	0.00016	07/07/06	18:40
lcsw-G07H1	Sr4215	0.0500	U		mg/L	0.05			0	0.005	0.0089	0.0089	1	0.05	0.00089	07/07/06	18:40
lcsw-G07H1	Th2837	0.300	U		mg/L	0.3			0	0.03	-0.1797	-0.18	1	0.3	-0.01797	07/07/06	18:40
lcsw-G07H1	Ti3349	0.0500	U		mg/L	0.05			0	0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	18:40
lcsw-G07H1	Tl1908	20.1			mg/L	0.1		100.5%	20	0.01	20.0976	20.1	1	0.1	2.00976	07/07/06	18:40
lcsw-G07H1	U_4090	1.25	U		mg/L	1.25			0	0.125	-0.1777	-0.178	1	1.25	-0.01777	07/07/06	18:40
lcsw-G07H1	V_2924	4.81			mg/L	0.05		96.2%	5	0.005	4.8051	4.81	1	0.05	0.48051	07/07/06	18:40
lcsw-G07H1	W_2079	0.100	U		mg/L	0.1			0	0.01	-0.0223	-0.0223	1	0.1	-0.00223	07/07/06	18:40
lcsw-G07H1	Y_3710	0.0500	U		mg/L	0.05			0	0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	18:40
lcsw-G07H1	Zn2062	4.86			mg/L	0.05		97.2%	5	0.005	4.8647	4.86	1	0.05	0.48647	07/07/06	18:40
lcsw-G07H1	Zr3496	0.0500	U		mg/L	0.05			0	0.005	0.0064	0.0064	1	0.05	0.00064	07/07/06	18:40
282118	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0041	-0.0041	1	0.05	-0.00041	07/07/06	18:45
282118	Al3082	0.500	U		mg/L	0.5				0.05	0.0907	0.0907	1	0.5	0.00907	07/07/06	18:45
282118	As1890	0.0500	U		mg/L	0.05				0.005	-0.0109	-0.0109	1	0.05	-0.00109	07/07/06	18:45
282118	B_2496	0.200	U		mg/L	0.2				0.02	0.0711	0.0711	1	0.2	0.00711	07/07/06	18:45
282118	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	07/07/06	18:45
282118	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	18:45

0101130

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282118	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0403	-0.0403	1	0.1	-0.00403	07/07/06	18:45
282118	Ca3179	4.54			mg/L	0.5				0.05	4.5358	4.54	1	0.5	0.45358	07/07/06	18:45
282118	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0003	0.0003	1	0.05	0.00003	07/07/06	18:45
282118	Co2286	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	07/07/06	18:45
282118	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0069	0.0069	1	0.05	0.00069	07/07/06	18:45
282118	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0015	-0.0015	1	0.05	-0.00015	07/07/06	18:45
282118	Fe2714	0.500	U		mg/L	0.5				0.05	0.0406	0.0406	1	0.5	0.00406	07/07/06	18:45
282118	La3988	0.0500	U		mg/L	0.05				0.005	-0.0126	-0.0126	1	0.05	-0.00126	07/07/06	18:45
282118	Mg2790	1.06			mg/L	0.5				0.05	1.0649	1.06	1	0.5	0.10649	07/07/06	18:45
282118	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0006	0.0006	1	0.05	0.00006	07/07/06	18:45
282118	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	18:45
282118	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0105	0.0105	1	0.05	0.00105	07/07/06	18:45
282118	P_1782	0.200	U		mg/L	0.2				0.02	-0.091	-0.091	1	0.2	-0.0091	07/07/06	18:45
282118	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0261	-0.0261	1	0.1	-0.00261	07/07/06	18:45
282118	S_1820	9.10			mg/L	0.2				0.02	9.098	9.1	1	0.2	0.9098	07/07/06	18:45
282118	Sb2068	0.150	U		mg/L	0.15				0.015	0.0154	0.0154	1	0.15	0.00154	07/07/06	18:45
282118	Si2881	12.0			mg/L	0.2				0.02	11.9567	12	1	0.2	1.19567	07/07/06	18:45
282118	Pb220	0.0500	U		mg/L	0.05				0.005	0.0068	0.0068	1	0.05	0.00068	07/07/06	18:45
282118	Se196	0.0500	U		mg/L	0.05				0.005	-0.0044	-0.0044	1	0.05	-0.00044	07/07/06	18:45
282118	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	18:45
282118	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0092	0.0092	1	0.05	0.00092	07/07/06	18:45
282118	Th2837	0.300	U		mg/L	0.3				0.03	0.0311	0.0311	1	0.3	0.00311	07/07/06	18:45
282118	Ti3349	0.0500	U		mg/L	0.05				0.005	0.001	0.001	1	0.05	0.0001	07/07/06	18:45
282118	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0144	-0.0144	1	0.1	-0.00144	07/07/06	18:45
282118	U_4090	1.25	U		mg/L	1.25				0.125	-0.3487	-0.349	1	1.25	-0.03487	07/07/06	18:45
282118	V_2924	0.0500	U		mg/L	0.05				0.005	0.0071	0.0071	1	0.05	0.00071	07/07/06	18:45
282118	W_2079	0.100	U		mg/L	0.1				0.01	-0.0162	-0.0162	1	0.1	-0.00162	07/07/06	18:45
282118	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0003	0.0003	1	0.05	0.00003	07/07/06	18:45
282118	Zn2062	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	07/07/06	18:45
282118	Zr3496	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	07/07/06	18:45
282118d	Ag3280	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0037	-0.0037	1	0.05	-0.00037	07/07/06	18:50
282118d	Al3082	0.500	U		mg/L	0.5	0.0%			0.05	0.0882	0.0882	1	0.5	0.00882	07/07/06	18:50
282118d	As1890	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0322	-0.0322	1	0.05	-0.00322	07/07/06	18:50
282118d	B_2496	0.200	U		mg/L	0.2	0.0%			0.02	0.0647	0.0647	1	0.2	0.00647	07/07/06	18:50
282118d	Ba4934	0.0500	U		mg/L	0.05	0.0%			0.005	0.001	0.001	1	0.05	0.0001	07/07/06	18:50
282118d	Be3130	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	18:50
282118d	Bi2230	0.100	U	✓	mg/L	0.1	0.0%			0.01	-0.0218	-0.0218	1	0.1	-0.00218	07/07/06	18:50
282118d	Ca3179	4.53	✓		mg/L	0.5	0.2%			0.05	4.5329	4.53	1	0.5	0.45329	07/07/06	18:50
282118d	Cd2265	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0022	-0.0022	1	0.05	-0.00022	07/07/06	18:50

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282118d	Co2286	0.0500	U		mg/L	0.05	0.0%			0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	18:50
282118d	Cr2677	0.0500	U		mg/L	0.05	0.0%			0.005	0.0055	0.0055	1	0.05	0.00055	07/07/06	18:50
282118d	Cu3247	0.0500	U		mg/L	0.05	0.0%			0.005	0.0055	0.0055	1	0.05	0.00055	07/07/06	18:50
282118d	Fe2714	0.500	U		mg/L	0.5	0.0%			0.05	0.1532	0.153	1	0.5	0.01532	07/07/06	18:50
282118d	La3988	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0127	-0.0127	1	0.05	-0.00127	07/07/06	18:50
282118d	Mg2790	1.06			mg/L	0.5	0.0%			0.05	1.0641	1.06	1	0.5	0.10641	07/07/06	18:50
282118d	Mn2576	0.0500	U		mg/L	0.05	0.0%			0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	18:50
282118d	Mo2020	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0027	-0.0027	1	0.05	-0.00027	07/07/06	18:50
282118d	Ni2316	0.0500	U		mg/L	0.05	0.0%			0.005	0.0021	0.0021	1	0.05	0.00021	07/07/06	18:50
282118d	P_1782	0.200	U		mg/L	0.2	0.0%			0.02	0.0319	0.0319	1	0.2	0.00319	07/07/06	18:50
282118d	Pd3404	0.100	U		mg/L	0.1	0.0%			0.01	-0.0007	-0.0007	1	0.1	-0.00007	07/07/06	18:50
282118d	S_1820	8.95			mg/L	0.2	1.7%			0.02	8.9489	8.95	1	0.2	0.89489	07/07/06	18:50
282118d	Sb2068	0.150	U		mg/L	0.15	0.0%			0.015	0.0496	0.0496	1	0.15	0.00496	07/07/06	18:50
282118d	Si2881	11.9			mg/L	0.2	0.8%			0.02	11.9333	11.9	1	0.2	1.19333	07/07/06	18:50
282118d	Pb220	0.0500	U		mg/L	0.05	0.0%			0.005	0.0143	0.0143	1	0.05	0.00143	07/07/06	18:50
282118d	Se196	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0054	-0.0054	1	0.05	-0.00054	07/07/06	18:50
282118d	Sn1899	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0012	-0.0012	1	0.05	-0.00012	07/07/06	18:50
282118d	Sr4215	0.0500	U		mg/L	0.05	0.0%			0.005	0.0091	0.0091	1	0.05	0.00091	07/07/06	18:50
282118d	Th2837	0.300	U		mg/L	0.3	0.0%			0.03	0.0486	0.0486	1	0.3	0.00486	07/07/06	18:50
282118d	Ti3349	0.0500	U		mg/L	0.05	0.0%			0.005	0.001	0.001	1	0.05	0.0001	07/07/06	18:50
282118d	Tl1908	0.100	U		mg/L	0.1	0.0%			0.01	-0.0003	-0.0003	1	0.1	-0.00003	07/07/06	18:50
282118d	U_4090	1.25	U		mg/L	1.25	0.0%			0.125	-0.337	-0.337	1	1.25	-0.0337	07/07/06	18:50
282118d	V_2924	0.0500	U		mg/L	0.05	0.0%			0.005	0.0055	0.0055	1	0.05	0.00055	07/07/06	18:50
282118d	W_2079	0.100	U		mg/L	0.1	0.0%			0.01	0.0056	0.0056	1	0.1	0.00056	07/07/06	18:50
282118d	Y_3710	0.0500	U		mg/L	0.05	0.0%			0.005	0.0013	0.0013	1	0.05	0.00013	07/07/06	18:50
282118d	Zn2062	0.0500	U		mg/L	0.05	0.0%			0.005	0.0065	0.0065	1	0.05	0.00065	07/07/06	18:50
282118d	Zr3496	0.0500	U		mg/L	0.05	0.0%			0.005	0.0039	0.0039	1	0.05	0.00039	07/07/06	18:50
282119	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0101	-0.0101	1	0.05	-0.00101	07/07/06	18:55
282119	Al3082	0.500	U		mg/L	0.5				0.05	0.1696	0.17	1	0.5	0.01696	07/07/06	18:55
282119	As1890	0.0500	U		mg/L	0.05				0.005	-0.014	-0.014	1	0.05	-0.0014	07/07/06	18:55
282119	B_2496	0.200	U		mg/L	0.2				0.02	0.0199	0.0199	1	0.2	0.00199	07/07/06	18:55
282119	Ba4934	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	18:55
282119	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0004	-0.0004	1	0.05	-0.00004	07/07/06	18:55
282119	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0641	-0.0641	1	0.1	-0.00641	07/07/06	18:55
282119	Ca3179	20.3			mg/L	0.5				0.05	20.2538	20.3	1	0.5	2.02538	07/07/06	18:55
282119	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0023	-0.0023	1	0.05	-0.00023	07/07/06	18:55
282119	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0055	-0.0055	1	0.05	-0.00055	07/07/06	18:55
282119	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	07/07/06	18:55
282119	Cu3247	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	18:55

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282119	Fe2714	19.9			mg/L	0.5				0.05	19.8634	19.9	1	0.5	1.98634	07/07/06	18:55
282119	La3988	0.0500	U		mg/L	0.05				0.005	-0.022	-0.022	1	0.05	-0.0022	07/07/06	18:55
282119	Mg2790	19.3			mg/L	0.5				0.05	19.2978	19.3	1	0.5	1.92978	07/07/06	18:55
282119	Mn2576	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	18:55
282119	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0059	0.0059	1	0.05	0.00059	07/07/06	18:55
282119	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0075	-0.0075	1	0.05	-0.00075	07/07/06	18:55
282119	P_1782	0.200	U		mg/L	0.2				0.02	0.0128	0.0128	1	0.2	0.00128	07/07/06	18:55
282119	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0541	-0.0541	1	0.1	-0.00541	07/07/06	18:55
282119	S_1820	0.200	U		mg/L	0.2				0.02	-0.0806	-0.0806	1	0.2	-0.00806	07/07/06	18:55
282119	Sb2068	0.150	U		mg/L	0.15				0.015	0.0095	0.0095	1	0.15	0.00095	07/07/06	18:55
282119	Si2881	0.200	U		mg/L	0.2				0.02	-0.0771	-0.0771	1	0.2	-0.00771	07/07/06	18:55
282119	Pb220	0.0500	U		mg/L	0.05				0.005	0.0143	0.0143	1	0.05	0.00143	07/07/06	18:55
282119	Se196	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	07/07/06	18:55
282119	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0043	-0.0043	1	0.05	-0.00043	07/07/06	18:55
282119	Sr4215	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	07/07/06	18:55
282119	Th2837	0.300	U		mg/L	0.3				0.03	-0.0098	-0.0098	1	0.3	-0.00098	07/07/06	18:55
282119	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0012	-0.0012	1	0.05	-0.00012	07/07/06	18:55
282119	Tl1908	0.100	U		mg/L	0.1				0.01	0.0176	0.0176	1	0.1	0.00176	07/07/06	18:55
282119	U_4090	1.25	U		mg/L	1.25				0.125	-0.6513	-0.651	1	1.25	-0.06513	07/07/06	18:55
282119	V_2924	0.0500	U		mg/L	0.05				0.005	0.0016	0.0016	1	0.05	0.00016	07/07/06	18:55
282119	W_2079	0.100	U		mg/L	0.1				0.01	-0.0252	-0.0252	1	0.1	-0.00252	07/07/06	18:55
282119	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	07/07/06	18:55
282119	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0028	0.0028	1	0.05	0.00028	07/07/06	18:55
282119	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0067	-0.0067	1	0.05	-0.00067	07/07/06	18:55
282119s	Ag3280	0.487			mg/L	0.05		97.4%	0.5	0.005	0.4865	0.487	1	0.05	0.04865	07/07/06	19:00
282119s	Al3082	19.4			mg/L	0.5		97.0%	20	0.05	19.3636	19.4	1	0.5	1.93636	07/07/06	19:00
282119s	As1890	19.8			mg/L	0.05		99.0%	20	0.005	19.8033	19.8	1	0.05	1.98033	07/07/06	19:00
282119s	B_2496	0.200	U	#DIV/0!	mg/L	0.2		#DIV/0!	0	0.02	0.0256	0.0256	1	0.2	0.00256	07/07/06	19:00
282119s	Ba4934	20.0			mg/L	0.05		100.0%	20	0.005	19.9713	20	1	0.05	1.99713	07/07/06	19:00
282119s	Be3130	0.492			mg/L	0.05		98.4%	0.5	0.005	0.4921	0.492	1	0.05	0.04921	07/07/06	19:00
282119s	Bi2230	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	0.0172	0.0172	1	0.1	0.00172	07/07/06	19:00
282119s	Ca3179	224			mg/L	0.5		101.9%	200	0.05	224.2393	224	1	0.5	22.42393	07/07/06	19:00
282119s	Cd2265	0.485			mg/L	0.05		97.0%	0.5	0.005	0.4854	0.485	1	0.05	0.04854	07/07/06	19:00
282119s	Co2286	4.93			mg/L	0.05		98.6%	5	0.005	4.927	4.93	1	0.05	0.4927	07/07/06	19:00
282119s	Cr2677	1.93			mg/L	0.05		96.5%	2	0.005	1.9316	1.93	1	0.05	0.19316	07/07/06	19:00
282119s	Cu3247	2.43			mg/L	0.05		97.2%	2.5	0.005	2.432	2.43	1	0.05	0.2432	07/07/06	19:00
282119s	Fe2714	31.3			mg/L	0.5		114.0%	10	0.05	31.2803	31.3	1	0.5	3.12803	07/07/06	19:00
282119s	La3988	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.003	-0.003	1	0.05	-0.0003	07/07/06	19:00
282119s	Mg2790	222			mg/L	0.5		101.4%	200	0.05	222.2072	222	1	0.5	22.22072	07/07/06	19:00

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282119s	Mn2576	4.93			mg/L	0.05		98.6%	5	0.005	4.9283	4.93	1	0.05	0.49283	07/07/06	19:00
282119s	Mo2020	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0035	-0.0035	1	0.05	-0.00035	07/07/06	19:00
282119s	Ni2316	4.84			mg/L	0.05		96.8%	5	0.005	4.8429	4.84	1	0.05	0.48429	07/07/06	19:00
282119s	P_1782	40.8			mg/L	0.2		102.0%	40	0.02	40.8284	40.8	1	0.2	4.08284	07/07/06	19:00
282119s	Pd3404	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	0.0127	0.0127	1	0.1	0.00127	07/07/06	19:00
282119s	S_1820	0.200	U	#DIV/0!	mg/L	0.2		#DIV/0!	0	0.02	-0.0383	-0.0383	1	0.2	-0.00383	07/07/06	19:00
282119s	Sb2068	4.89			mg/L	0.15		97.8%	5	0.015	4.8922	4.89	1	0.15	0.48922	07/07/06	19:00
282119s	Si2881	40.9			mg/L	0.2		102.3%	40	0.02	40.9243	40.9	1	0.2	4.09243	07/07/06	19:00
282119s	Pb220	4.84			mg/L	0.05		96.8%	5	0.005	4.8364	4.84	1	0.05	0.48364	07/07/06	19:00
282119s	Se196	20.3			mg/L	0.05		101.5%	20	0.005	20.3342	20.3	1	0.05	2.03342	07/07/06	19:00
282119s	Sn1899	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	19:00
282119s	Sr4215	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0095	0.0095	1	0.05	0.00095	07/07/06	19:00
282119s	Th2837	0.300	U	#DIV/0!	mg/L	0.3		#DIV/0!	0	0.03	-0.1837	-0.184	1	0.3	-0.01837	07/07/06	19:00
282119s	Ti3349	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0022	0.0022	1	0.05	0.00022	07/07/06	19:00
282119s	Tl1908	20.2			mg/L	0.1		101.0%	20	0.01	20.2419	20.2	1	0.1	2.02419	07/07/06	19:00
282119s	U_4090	1.25	U	#DIV/0!	mg/L	1.25		#DIV/0!	0	0.125	-0.1103	-0.11	1	1.25	-0.01103	07/07/06	19:00
282119s	V_2924	4.84			mg/L	0.05		96.8%	5	0.005	4.8408	4.84	1	0.05	0.48408	07/07/06	19:00
282119s	W_2079	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	-0.0379	-0.0379	1	0.1	-0.00379	07/07/06	19:00
282119s	Y_3710	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0016	-0.0016	1	0.05	-0.00016	07/07/06	19:00
282119s	Zn2062	4.92			mg/L	0.05		98.4%	5	0.005	4.9236	4.92	1	0.05	0.49236	07/07/06	19:00
282119s	Zr3496	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0068	0.0068	1	0.05	0.00068	07/07/06	19:00
282120	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	07/07/06	19:04
282120	Al3082	0.500	U		mg/L	0.5				0.05	0.0505	0.0505	1	0.5	0.00505	07/07/06	19:04
282120	As1890	0.0500	U		mg/L	0.05				0.005	-0.0162	-0.0162	1	0.05	-0.00162	07/07/06	19:04
282120	B_2496	0.200	U		mg/L	0.2				0.02	0.0262	0.0262	1	0.2	0.00262	07/07/06	19:04
282120	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0014	0.0014	1	0.05	0.00014	07/07/06	19:04
282120	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	19:04
282120	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0231	-0.0231	1	0.1	-0.00231	07/07/06	19:04
282120	Ca3179	20.4			mg/L	0.5				0.05	20.3834	20.4	1	0.5	2.03834	07/07/06	19:04
282120	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0044	-0.0044	1	0.05	-0.00044	07/07/06	19:04
282120	Co2286	0.0500	U		mg/L	0.05				0.005	0.0026	0.0026	1	0.05	0.00026	07/07/06	19:04
282120	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0041	0.0041	1	0.05	0.00041	07/07/06	19:04
282120	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0044	0.0044	1	0.05	0.00044	07/07/06	19:04
282120	Fe2714	20.2			mg/L	0.5				0.05	20.2425	20.2	1	0.5	2.02425	07/07/06	19:04
282120	La3988	0.0500	U		mg/L	0.05				0.005	-0.0135	-0.0135	1	0.05	-0.00135	07/07/06	19:04
282120	Mg2790	19.4			mg/L	0.5				0.05	19.3635	19.4	1	0.5	1.93635	07/07/06	19:04
282120	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	19:04
282120	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0032	0.0032	1	0.05	0.00032	07/07/06	19:04
282120	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0041	0.0041	1	0.05	0.00041	07/07/06	19:04

0101134

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282120	P_1782	0.200	U		mg/L	0.2				0.02	-0.0389	-0.0389	1	0.2	-0.00389	07/07/06	19:04
282120	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0038	-0.0038	1	0.1	-0.00038	07/07/06	19:04
282120	S_1820	0.200	U		mg/L	0.2				0.02	-0.0526	-0.0526	1	0.2	-0.00526	07/07/06	19:04
282120	Sb2068	0.150	U		mg/L	0.15				0.015	0.0446	0.0446	1	0.15	0.00446	07/07/06	19:04
282120	Si2881	0.200	U		mg/L	0.2				0.02	-0.0706	-0.0706	1	0.2	-0.00706	07/07/06	19:04
282120	Pb220	0.0500	U		mg/L	0.05				0.005	0.011	0.011	1	0.05	0.0011	07/07/06	19:04
282120	Se196	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	19:04
282120	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0061	-0.0061	1	0.05	-0.00061	07/07/06	19:04
282120	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0024	0.0024	1	0.05	0.00024	07/07/06	19:04
282120	Th2837	0.300	U		mg/L	0.3				0.03	0.0347	0.0347	1	0.3	0.00347	07/07/06	19:04
282120	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0011	0.0011	1	0.05	0.00011	07/07/06	19:04
282120	Tl1908	0.100	U		mg/L	0.1				0.01	0.0069	0.0069	1	0.1	0.00069	07/07/06	19:04
282120	U_4090	1.25	U		mg/L	1.25				0.125	-0.3744	-0.374	1	1.25	-0.03744	07/07/06	19:04
282120	V_2924	0.0500	U		mg/L	0.05				0.005	0.012	0.012	1	0.05	0.0012	07/07/06	19:04
282120	W_2079	0.100	U		mg/L	0.1				0.01	-0.0499	-0.0499	1	0.1	-0.00499	07/07/06	19:04
282120	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	19:04
282120	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	19:04
282120	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0033	0.0033	1	0.05	0.00033	07/07/06	19:04
282121	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0099	-0.0099	1	0.05	-0.00099	07/07/06	19:09
282121	Al3082	0.500	U		mg/L	0.5				0.05	0.2477	0.248	1	0.5	0.02477	07/07/06	19:09
282121	As1890	0.0500	U		mg/L	0.05				0.005	-0.0212	-0.0212	1	0.05	-0.00212	07/07/06	19:09
282121	B_2496	0.200	U		mg/L	0.2				0.02	0.1103	0.11	1	0.2	0.01103	07/07/06	19:09
282121	Ba4934	0.572			mg/L	0.05				0.005	0.5719	0.572	1	0.05	0.05719	07/07/06	19:09
282121	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	19:09
282121	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0638	-0.0638	1	0.1	-0.00638	07/07/06	19:09
282121	Ca3179	6.35			mg/L	0.5				0.05	6.3483	6.35	1	0.5	0.63483	07/07/06	19:09
282121	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.004	-0.004	1	0.05	-0.0004	07/07/06	19:09
282121	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0023	-0.0023	1	0.05	-0.00023	07/07/06	19:09
282121	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0104	0.0104	1	0.05	0.00104	07/07/06	19:09
282121	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0048	0.0048	1	0.05	0.00048	07/07/06	19:09
282121	Fe2714	0.500	U		mg/L	0.5				0.05	-0.0294	-0.0294	1	0.5	-0.00294	07/07/06	19:09
282121	La3988	0.0500	U		mg/L	0.05				0.005	-0.0242	-0.0242	1	0.05	-0.00242	07/07/06	19:09
282121	Mg2790	0.571			mg/L	0.5				0.05	0.571	0.571	1	0.5	0.0571	07/07/06	19:09
282121	Mn2576	0.0500	U		mg/L	0.05				0.005	0.006	0.006	1	0.05	0.0006	07/07/06	19:09
282121	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	19:09
282121	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0146	0.0146	1	0.05	0.00146	07/07/06	19:09
282121	P_1782	0.200	U		mg/L	0.2				0.02	-0.0906	-0.0906	1	0.2	-0.00906	07/07/06	19:09
282121	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0326	-0.0326	1	0.1	-0.00326	07/07/06	19:09
282121	S_1820	9.54			mg/L	0.2				0.02	9.5415	9.54	1	0.2	0.95415	07/07/06	19:09

0101135

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282121	Sb2068	0.150	U		mg/L	0.15				0.015	0.0722	0.0722	1	0.15	0.00722	07/07/06	19:09
282121	Si2881	13.1			mg/L	0.2				0.02	13.1242	13.1	1	0.2	1.31242	07/07/06	19:09
282121	Pb220	0.0500	U		mg/L	0.05				0.005	0.0036	0.0036	1	0.05	0.00036	07/07/06	19:09
282121	Se196	0.0500	U		mg/L	0.05				0.005	0.0118	0.0118	1	0.05	0.00118	07/07/06	19:09
282121	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0079	-0.0079	1	0.05	-0.00079	07/07/06	19:09
282121	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0139	0.0139	1	0.05	0.00139	07/07/06	19:09
282121	Th2837	0.300	U		mg/L	0.3				0.03	0.0776	0.0776	1	0.3	0.00776	07/07/06	19:09
282121	Ti3349	0.0500	U		mg/L	0.05				0.005	0.008	0.008	1	0.05	0.0008	07/07/06	19:09
282121	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0261	-0.0261	1	0.1	-0.00261	07/07/06	19:09
282121	U_4090	1.25	U		mg/L	1.25				0.125	-0.667	-0.667	1	1.25	-0.0667	07/07/06	19:09
282121	V_2924	0.0500	U		mg/L	0.05				0.005	0.0135	0.0135	1	0.05	0.00135	07/07/06	19:09
282121	W_2079	0.100	U		mg/L	0.1				0.01	-0.0396	-0.0396	1	0.1	-0.00396	07/07/06	19:09
282121	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0025	0.0025	1	0.05	0.00025	07/07/06	19:09
282121	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0257	0.0257	1	0.05	0.00257	07/07/06	19:09
282121	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0089	0.0089	1	0.05	0.00089	07/07/06	19:09
282122	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	19:14
282122	Al3082	0.525			mg/L	0.5				0.05	0.5252	0.525	1	0.5	0.05252	07/07/06	19:14
282122	As1890	0.0500	U		mg/L	0.05				0.005	-0.0066	-0.0066	1	0.05	-0.00066	07/07/06	19:14
282122	B_2496	0.200	U		mg/L	0.2				0.02	0.0955	0.0955	1	0.2	0.00955	07/07/06	19:14
282122	Ba4934	0.544			mg/L	0.05				0.005	0.5442	0.544	1	0.05	0.05442	07/07/06	19:14
282122	Be3130	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	19:14
282122	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0107	-0.0107	1	0.1	-0.00107	07/07/06	19:14
282122	Ca3179	5.72			mg/L	0.5				0.05	5.7185	5.72	1	0.5	0.57185	07/07/06	19:14
282122	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	19:14
282122	Co2286	0.0500	U		mg/L	0.05				0.005	0.0134	0.0134	1	0.05	0.00134	07/07/06	19:14
282122	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0155	0.0155	1	0.05	0.00155	07/07/06	19:14
282122	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0074	0.0074	1	0.05	0.00074	07/07/06	19:14
282122	Fe2714	0.500	U		mg/L	0.5				0.05	0.3106	0.311	1	0.5	0.03106	07/07/06	19:14
282122	La3988	0.0500	U		mg/L	0.05				0.005	-0.0043	-0.0043	1	0.05	-0.00043	07/07/06	19:14
282122	Mg2790	0.666			mg/L	0.5				0.05	0.666	0.666	1	0.5	0.0666	07/07/06	19:14
282122	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0057	0.0057	1	0.05	0.00057	07/07/06	19:14
282122	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0047	-0.0047	1	0.05	-0.00047	07/07/06	19:14
282122	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0141	0.0141	1	0.05	0.00141	07/07/06	19:14
282122	P_1782	0.200	U		mg/L	0.2				0.02	-0.0446	-0.0446	1	0.2	-0.00446	07/07/06	19:14
282122	Pd3404	0.100	U		mg/L	0.1				0.01	0.0208	0.0208	1	0.1	0.00208	07/07/06	19:14
282122	S_1820	9.46			mg/L	0.2				0.02	9.4616	9.46	1	0.2	0.94616	07/07/06	19:14
282122	Sb2068	0.150	U		mg/L	0.15				0.015	0.0696	0.0696	1	0.15	0.00696	07/07/06	19:14
282122	Si2881	13.6			mg/L	0.2				0.02	13.5706	13.6	1	0.2	1.35706	07/07/06	19:14
282122	Pb220	0.0500	U		mg/L	0.05				0.005	0.0097	0.0097	1	0.05	0.00097	07/07/06	19:14

010136

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282122	Se196	0.0500	U		mg/L	0.05				0.005	-0.0066	-0.0066	1	0.05	-0.00066	07/07/06	19:14
282122	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0028	0.0028	1	0.05	0.00028	07/07/06	19:14
282122	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0134	0.0134	1	0.05	0.00134	07/07/06	19:14
282122	Th2837	0.300	U		mg/L	0.3				0.03	0.0536	0.0536	1	0.3	0.00536	07/07/06	19:14
282122	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0102	0.0102	1	0.05	0.00102	07/07/06	19:14
282122	Tl1908	0.100	U		mg/L	0.1				0.01	0.002	0.002	1	0.1	0.0002	07/07/06	19:14
282122	U_4090	1.25	U		mg/L	1.25				0.125	-0.1437	-0.144	1	1.25	-0.01437	07/07/06	19:14
282122	V_2924	0.0500	U		mg/L	0.05				0.005	0.0142	0.0142	1	0.05	0.00142	07/07/06	19:14
282122	W_2079	0.100	U		mg/L	0.1				0.01	-0.0153	-0.0153	1	0.1	-0.00153	07/07/06	19:14
282122	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	19:14
282122	Zn2062	0.203			mg/L	0.05				0.005	0.2027	0.203	1	0.05	0.02027	07/07/06	19:14
282122	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0079	0.0079	1	0.05	0.00079	07/07/06	19:14
282123	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0094	-0.0094	1	0.05	-0.00094	07/07/06	19:19
282123	Al3082	0.651			mg/L	0.5				0.05	0.6507	0.651	1	0.5	0.06507	07/07/06	19:19
282123	As1890	0.0500	U		mg/L	0.05				0.005	-0.0215	-0.0215	1	0.05	-0.00215	07/07/06	19:19
282123	B_2496	0.266			mg/L	0.2				0.02	0.2659	0.266	1	0.2	0.02659	07/07/06	19:19
282123	Ba4934	0.560			mg/L	0.05				0.005	0.5597	0.56	1	0.05	0.05597	07/07/06	19:19
282123	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	19:19
282123	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0442	-0.0442	1	0.1	-0.00442	07/07/06	19:19
282123	Ca3179	4.16			mg/L	0.5				0.05	4.1645	4.16	1	0.5	0.41645	07/07/06	19:19
282123	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0037	-0.0037	1	0.05	-0.00037	07/07/06	19:19
282123	Co2286	0.0500	U		mg/L	0.05				0.005	0.0031	0.0031	1	0.05	0.00031	07/07/06	19:19
282123	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0171	0.0171	1	0.05	0.00171	07/07/06	19:19
282123	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0123	0.0123	1	0.05	0.00123	07/07/06	19:19
282123	Fe2714	0.500	U		mg/L	0.5				0.05	0.2452	0.245	1	0.5	0.02452	07/07/06	19:19
282123	La3988	0.0500	U		mg/L	0.05				0.005	-0.0176	-0.0176	1	0.05	-0.00176	07/07/06	19:19
282123	Mg2790	0.500	U		mg/L	0.5				0.05	0.4888	0.489	1	0.5	0.04888	07/07/06	19:19
282123	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0054	0.0054	1	0.05	0.00054	07/07/06	19:19
282123	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0056	0.0056	1	0.05	0.00056	07/07/06	19:19
282123	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0096	0.0096	1	0.05	0.00096	07/07/06	19:19
282123	P_1782	0.200	U		mg/L	0.2				0.02	-0.0353	-0.0353	1	0.2	-0.00353	07/07/06	19:19
282123	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0108	-0.0108	1	0.1	-0.00108	07/07/06	19:19
282123	S_1820	9.36			mg/L	0.2				0.02	9.3604	9.36	1	0.2	0.93604	07/07/06	19:19
282123	Sb2068	0.150	U		mg/L	0.15				0.015	0.0678	0.0678	1	0.15	0.00678	07/07/06	19:19
282123	Si2881	15.6			mg/L	0.2				0.02	15.5635	15.6	1	0.2	1.55635	07/07/06	19:19
282123	Pb220	0.0500	U		mg/L	0.05				0.005	0.0045	0.0045	1	0.05	0.00045	07/07/06	19:19
282123	Se196	0.0500	U		mg/L	0.05				0.005	-0.0011	-0.0011	1	0.05	-0.00011	07/07/06	19:19
282123	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0099	0.0099	1	0.05	0.00099	07/07/06	19:19
282123	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0115	0.0115	1	0.05	0.00115	07/07/06	19:19

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282123	Th2837	0.300	U		mg/L	0.3				0.03	0.0952	0.0952	1	0.3	0.00952	07/07/06	19:19
282123	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0159	0.0159	1	0.05	0.00159	07/07/06	19:19
282123	Tl1908	0.100	U		mg/L	0.1				0.01	0.0015	0.0015	1	0.1	0.00015	07/07/06	19:19
282123	U_4090	1.25	U		mg/L	1.25				0.125	-0.5201	-0.52	1	1.25	-0.05201	07/07/06	19:19
282123	V_2924	0.0500	U		mg/L	0.05				0.005	0.0193	0.0193	1	0.05	0.00193	07/07/06	19:19
282123	W_2079	0.100	U		mg/L	0.1				0.01	-0.0277	-0.0277	1	0.1	-0.00277	07/07/06	19:19
282123	Y_3710	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	07/07/06	19:19
282123	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0096	0.0096	1	0.05	0.00096	07/07/06	19:19
282123	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0086	0.0086	1	0.05	0.00086	07/07/06	19:19
282124	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	19:33
282124	Al3082	0.500	U		mg/L	0.5				0.05	0.1559	0.156	1	0.5	0.01559	07/07/06	19:33
282124	As1890	0.0500	U		mg/L	0.05				0.005	-0.0036	-0.0036	1	0.05	-0.00036	07/07/06	19:33
282124	B_2496	0.200	U		mg/L	0.2				0.02	0.1527	0.153	1	0.2	0.01527	07/07/06	19:33
282124	Ba4934	0.542			mg/L	0.05				0.005	0.5423	0.542	1	0.05	0.05423	07/07/06	19:33
282124	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	19:33
282124	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0112	-0.0112	1	0.1	-0.00112	07/07/06	19:33
282124	Ca3179	6.96			mg/L	0.5				0.05	6.964	6.96	1	0.5	0.6964	07/07/06	19:33
282124	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	19:33
282124	Co2286	0.0500	U		mg/L	0.05				0.005	0.0083	0.0083	1	0.05	0.00083	07/07/06	19:33
282124	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0175	0.0175	1	0.05	0.00175	07/07/06	19:33
282124	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0102	0.0102	1	0.05	0.00102	07/07/06	19:33
282124	Fe2714	0.500	U		mg/L	0.5				0.05	0.2124	0.212	1	0.5	0.02124	07/07/06	19:33
282124	La3988	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	19:33
282124	Mg2790	0.777			mg/L	0.5				0.05	0.7767	0.777	1	0.5	0.07767	07/07/06	19:33
282124	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0378	0.0378	1	0.05	0.00378	07/07/06	19:33
282124	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	07/07/06	19:33
282124	Ni2316	0.0637			mg/L	0.05				0.005	0.0637	0.0637	1	0.05	0.00637	07/07/06	19:33
282124	P_1782	0.200	U		mg/L	0.2				0.02	0.1307	0.131	1	0.2	0.01307	07/07/06	19:33
282124	Pd3404	0.100	U		mg/L	0.1				0.01	0.039	0.039	1	0.1	0.0039	07/07/06	19:33
282124	S_1820	9.56			mg/L	0.2				0.02	9.5638	9.56	1	0.2	0.95638	07/07/06	19:33
282124	Sb2068	0.150	U		mg/L	0.15				0.015	0.0619	0.0619	1	0.15	0.00619	07/07/06	19:33
282124	Si2881	13.5			mg/L	0.2				0.02	13.4739	13.5	1	0.2	1.34739	07/07/06	19:33
282124	Pb220	0.0500	U		mg/L	0.05				0.005	0.017	0.017	1	0.05	0.0017	07/07/06	19:33
282124	Se196	0.0500	U		mg/L	0.05				0.005	-0.011	-0.011	1	0.05	-0.0011	07/07/06	19:33
282124	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0152	0.0152	1	0.05	0.00152	07/07/06	19:33
282124	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0162	0.0162	1	0.05	0.00162	07/07/06	19:33
282124	Th2837	0.300	U		mg/L	0.3				0.03	0.0623	0.0623	1	0.3	0.00623	07/07/06	19:33
282124	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0026	0.0026	1	0.05	0.00026	07/07/06	19:33
282124	Tl1908	0.100	U		mg/L	0.1				0.01	0.0038	0.0038	1	0.1	0.00038	07/07/06	19:33

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282124	U_4090	1.25	U		mg/L	1.25				0.125	0.0931	0.0931	1	1.25	0.00931	07/07/06	19:33
282124	V_2924	0.0500	U		mg/L	0.05				0.005	0.0112	0.0112	1	0.05	0.00112	07/07/06	19:33
282124	W_2079	0.100	U		mg/L	0.1				0.01	0.0029	0.0029	1	0.1	0.00029	07/07/06	19:33
282124	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0016	0.0016	1	0.05	0.00016	07/07/06	19:33
282124	Zn2062	0.0746			mg/L	0.05				0.005	0.0746	0.0746	1	0.05	0.00746	07/07/06	19:33
282124	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0105	0.0105	1	0.05	0.00105	07/07/06	19:33
282125	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0045	-0.0045	1	0.05	-0.00045	07/07/06	19:38
282125	Al3082	0.500	U		mg/L	0.5				0.05	0.1106	0.111	1	0.5	0.01106	07/07/06	19:38
282125	As1890	0.0500	U		mg/L	0.05				0.005	-0.0046	-0.0046	1	0.05	-0.00046	07/07/06	19:38
282125	B_2496	0.200	U		mg/L	0.2				0.02	0.13	0.13	1	0.2	0.013	07/07/06	19:38
282125	Ba4934	0.507			mg/L	0.05				0.005	0.5074	0.507	1	0.05	0.05074	07/07/06	19:38
282125	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	19:38
282125	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0221	-0.0221	1	0.1	-0.00221	07/07/06	19:38
282125	Ca3179	7.10			mg/L	0.5				0.05	7.0989	7.1	1	0.5	0.70989	07/07/06	19:38
282125	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0031	-0.0031	1	0.05	-0.00031	07/07/06	19:38
282125	Co2286	0.0500	U		mg/L	0.05				0.005	0.005	0.005	1	0.05	0.0005	07/07/06	19:38
282125	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0078	0.0078	1	0.05	0.00078	07/07/06	19:38
282125	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0076	0.0076	1	0.05	0.00076	07/07/06	19:38
282125	Fe2714	0.500	U		mg/L	0.5				0.05	0.1486	0.149	1	0.5	0.01486	07/07/06	19:38
282125	La3988	0.0500	U		mg/L	0.05				0.005	-0.0069	-0.0069	1	0.05	-0.00069	07/07/06	19:38
282125	Mg2790	0.759			mg/L	0.5				0.05	0.759	0.759	1	0.5	0.0759	07/07/06	19:38
282125	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0277	0.0277	1	0.05	0.00277	07/07/06	19:38
282125	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0015	0.0015	1	0.05	0.00015	07/07/06	19:38
282125	Ni2316	0.0500	U		mg/L	0.05				0.005	0.007	0.007	1	0.05	0.0007	07/07/06	19:38
282125	P_1782	0.288			mg/L	0.2				0.02	0.2878	0.288	1	0.2	0.02878	07/07/06	19:38
282125	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0032	-0.0032	1	0.1	-0.00032	07/07/06	19:38
282125	S_1820	9.50			mg/L	0.2				0.02	9.4975	9.5	1	0.2	0.94975	07/07/06	19:38
282125	Sb2068	0.150	U		mg/L	0.15				0.015	0.0509	0.0509	1	0.15	0.00509	07/07/06	19:38
282125	Si2881	13.3			mg/L	0.2				0.02	13.3077	13.3	1	0.2	1.33077	07/07/06	19:38
282125	Pb220	0.0500	U		mg/L	0.05				0.005	0.0071	0.0071	1	0.05	0.00071	07/07/06	19:38
282125	Se196	0.0500	U		mg/L	0.05				0.005	0.0026	0.0026	1	0.05	0.00026	07/07/06	19:38
282125	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0018	0.0018	1	0.05	0.00018	07/07/06	19:38
282125	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0158	0.0158	1	0.05	0.00158	07/07/06	19:38
282125	Th2837	0.300	U		mg/L	0.3				0.03	0.0502	0.0502	1	0.3	0.00502	07/07/06	19:38
282125	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0032	0.0032	1	0.05	0.00032	07/07/06	19:38
282125	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0262	-0.0262	1	0.1	-0.00262	07/07/06	19:38
282125	U_4090	1.25	U		mg/L	1.25				0.125	-0.3469	-0.347	1	1.25	-0.03469	07/07/06	19:38
282125	V_2924	0.0500	U		mg/L	0.05				0.005	0.011	0.011	1	0.05	0.0011	07/07/06	19:38
282125	W_2079	0.100	U		mg/L	0.1				0.01	-0.0021	-0.0021	1	0.1	-0.00021	07/07/06	19:38

C10139

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282125	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0017	0.0017	1	0.05	0.00017	07/07/06	19:38
282125	Zn2062	0.0791			mg/L	0.05				0.005	0.0791	0.0791	1	0.05	0.00791	07/07/06	19:38
282125	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0067	0.0067	1	0.05	0.00067	07/07/06	19:38
282126	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0082	-0.0082	1	0.05	-0.00082	07/07/06	19:43
282126	Al3082	0.500	U		mg/L	0.5				0.05	0.0897	0.0897	1	0.5	0.00897	07/07/06	19:43
282126	As1890	0.0500	U		mg/L	0.05				0.005	-0.0217	-0.0217	1	0.05	-0.00217	07/07/06	19:43
282126	B_2496	0.200	U		mg/L	0.2				0.02	0.1091	0.109	1	0.2	0.01091	07/07/06	19:43
282126	Ba4934	0.493			mg/L	0.05				0.005	0.4933	0.493	1	0.05	0.04933	07/07/06	19:43
282126	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	19:43
282126	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0224	-0.0224	1	0.1	-0.00224	07/07/06	19:43
282126	Ca3179	6.93			mg/L	0.5				0.05	6.9277	6.93	1	0.5	0.69277	07/07/06	19:43
282126	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0019	-0.0019	1	0.05	-0.00019	07/07/06	19:43
282126	Co2286	0.0500	U		mg/L	0.05				0.005	0.0014	0.0014	1	0.05	0.00014	07/07/06	19:43
282126	Cr2677	0.0500	U		mg/L	0.05				0.005	0.003	0.003	1	0.05	0.0003	07/07/06	19:43
282126	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0046	0.0046	1	0.05	0.00046	07/07/06	19:43
282126	Fe2714	0.500	U		mg/L	0.5				0.05	0.1995	0.2	1	0.5	0.01995	07/07/06	19:43
282126	La3988	0.0500	U		mg/L	0.05				0.005	-0.0199	-0.0199	1	0.05	-0.00199	07/07/06	19:43
282126	Mg2790	0.666			mg/L	0.5				0.05	0.6662	0.666	1	0.5	0.06662	07/07/06	19:43
282126	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0197	0.0197	1	0.05	0.00197	07/07/06	19:43
282126	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0045	0.0045	1	0.05	0.00045	07/07/06	19:43
282126	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0114	0.0114	1	0.05	0.00114	07/07/06	19:43
282126	P_1782	0.274			mg/L	0.2				0.02	0.274	0.274	1	0.2	0.0274	07/07/06	19:43
282126	Pd3404	0.100	U		mg/L	0.1				0.01	0.0002	0.0002	1	0.1	0.00002	07/07/06	19:43
282126	S_1820	9.34			mg/L	0.2				0.02	9.3403	9.34	1	0.2	0.93403	07/07/06	19:43
282126	Sb2068	0.150	U		mg/L	0.15				0.015	0.0493	0.0493	1	0.15	0.00493	07/07/06	19:43
282126	Si2881	13.2			mg/L	0.2				0.02	13.2425	13.2	1	0.2	1.32425	07/07/06	19:43
282126	Pb220	0.0500	U		mg/L	0.05				0.005	0.0162	0.0162	1	0.05	0.00162	07/07/06	19:43
282126	Se196	0.0500	U		mg/L	0.05				0.005	0.0056	0.0056	1	0.05	0.00056	07/07/06	19:43
282126	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0031	-0.0031	1	0.05	-0.00031	07/07/06	19:43
282126	Sr4215	0.0500	U		mg/L	0.05				0.005	0.015	0.015	1	0.05	0.0015	07/07/06	19:43
282126	Th2837	0.300	U		mg/L	0.3				0.03	0.0504	0.0504	1	0.3	0.00504	07/07/06	19:43
282126	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0027	0.0027	1	0.05	0.00027	07/07/06	19:43
282126	Tl1908	0.100	U		mg/L	0.1				0.01	0.0009	0.0009	1	0.1	0.00009	07/07/06	19:43
282126	U_4090	1.25	U		mg/L	1.25				0.125	-0.532	-0.532	1	1.25	-0.0532	07/07/06	19:43
282126	V_2924	0.0500	U		mg/L	0.05				0.005	0.0118	0.0118	1	0.05	0.00118	07/07/06	19:43
282126	W_2079	0.100	U		mg/L	0.1				0.01	-0.0096	-0.0096	1	0.1	-0.00096	07/07/06	19:43
282126	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0007	0.0007	1	0.05	0.00007	07/07/06	19:43
282126	Zn2062	0.0834			mg/L	0.05				0.005	0.0834	0.0834	1	0.05	0.00834	07/07/06	19:43
282126	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0015	0.0015	1	0.05	0.00015	07/07/06	19:43

010140

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282127	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0031	-0.0031	1	0.05	-0.00031	07/07/06	19:47
282127	Al3082	0.500	U		mg/L	0.5				0.05	0.1704	0.17	1	0.5	0.01704	07/07/06	19:47
282127	As1890	0.0500	U		mg/L	0.05				0.005	-0.0241	-0.0241	1	0.05	-0.00241	07/07/06	19:47
282127	B_2496	0.200	U		mg/L	0.2				0.02	0.1073	0.107	1	0.2	0.01073	07/07/06	19:47
282127	Ba4934	0.478			mg/L	0.05				0.005	0.478	0.478	1	0.05	0.0478	07/07/06	19:47
282127	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	19:47
282127	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0347	-0.0347	1	0.1	-0.00347	07/07/06	19:47
282127	Ca3179	6.93			mg/L	0.5				0.05	6.9341	6.93	1	0.5	0.69341	07/07/06	19:47
282127	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0001	0.0001	1	0.05	0.00001	07/07/06	19:47
282127	Co2286	0.0500	U		mg/L	0.05				0.005	0.0124	0.0124	1	0.05	0.00124	07/07/06	19:47
282127	Cr2677	0.0500	U		mg/L	0.05				0.005	0.013	0.013	1	0.05	0.0013	07/07/06	19:47
282127	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0086	0.0086	1	0.05	0.00086	07/07/06	19:47
282127	Fe2714	0.500	U		mg/L	0.5				0.05	0.0949	0.0949	1	0.5	0.00949	07/07/06	19:47
282127	La3988	0.0500	U		mg/L	0.05				0.005	-0.009	-0.009	1	0.05	-0.0009	07/07/06	19:47
282127	Mg2790	0.726			mg/L	0.5				0.05	0.7257	0.726	1	0.5	0.07257	07/07/06	19:47
282127	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0163	0.0163	1	0.05	0.00163	07/07/06	19:47
282127	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0036	0.0036	1	0.05	0.00036	07/07/06	19:47
282127	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	19:47
282127	P_1782	0.200	U		mg/L	0.2				0.02	0.1613	0.161	1	0.2	0.01613	07/07/06	19:47
282127	Pd3404	0.100	U		mg/L	0.1				0.01	0.0088	0.0088	1	0.1	0.00088	07/07/06	19:47
282127	S_1820	9.46			mg/L	0.2				0.02	9.4586	9.46	1	0.2	0.94586	07/07/06	19:47
282127	Sb2068	0.150	U		mg/L	0.15				0.015	0.0538	0.0538	1	0.15	0.00538	07/07/06	19:47
282127	Si2881	13.1			mg/L	0.2				0.02	13.0666	13.1	1	0.2	1.30666	07/07/06	19:47
282127	Pb220	0.0500	U		mg/L	0.05				0.005	0.0094	0.0094	1	0.05	0.00094	07/07/06	19:47
282127	Se196	0.0500	U		mg/L	0.05				0.005	0.0092	0.0092	1	0.05	0.00092	07/07/06	19:47
282127	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0155	0.0155	1	0.05	0.00155	07/07/06	19:47
282127	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0154	0.0154	1	0.05	0.00154	07/07/06	19:47
282127	Th2837	0.300	U		mg/L	0.3				0.03	0.0656	0.0656	1	0.3	0.00656	07/07/06	19:47
282127	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0035	0.0035	1	0.05	0.00035	07/07/06	19:47
282127	Tl1908	0.100	U		mg/L	0.1				0.01	0.0218	0.0218	1	0.1	0.00218	07/07/06	19:47
282127	U_4090	1.25	U		mg/L	1.25				0.125	-0.2342	-0.234	1	1.25	-0.02342	07/07/06	19:47
282127	V_2924	0.0500	U		mg/L	0.05				0.005	0.0147	0.0147	1	0.05	0.00147	07/07/06	19:47
282127	W_2079	0.100	U		mg/L	0.1				0.01	-0.0086	-0.0086	1	0.1	-0.00086	07/07/06	19:47
282127	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	19:47
282127	Zn2062	0.0749			mg/L	0.05				0.005	0.0749	0.0749	1	0.05	0.00749	07/07/06	19:47
282127	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0073	0.0073	1	0.05	0.00073	07/07/06	19:47
282128	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0122	-0.0122	1	0.05	-0.00122	07/07/06	19:52
282128	Al3082	0.500	U		mg/L	0.5				0.05	0.1078	0.108	1	0.5	0.01078	07/07/06	19:52
282128	As1890	0.0500	U		mg/L	0.05				0.005	-0.0061	-0.0061	1	0.05	-0.00061	07/07/06	19:52

Q101141

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282128	B_2496	0.200	U		mg/L	0.2				0.02	0.1163	0.116	1	0.2	0.01163	07/07/06	19:52
282128	Ba4934	0.502			mg/L	0.05				0.005	0.5024	0.502	1	0.05	0.05024	07/07/06	19:52
282128	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0004	-0.0004	1	0.05	-0.00004	07/07/06	19:52
282128	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0381	-0.0381	1	0.1	-0.00381	07/07/06	19:52
282128	Ca3179	6.63			mg/L	0.5				0.05	6.632	6.63	1	0.5	0.6632	07/07/06	19:52
282128	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0036	-0.0036	1	0.05	-0.00036	07/07/06	19:52
282128	Co2286	0.0500	U		mg/L	0.05				0.005	0.0083	0.0083	1	0.05	0.00083	07/07/06	19:52
282128	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0209	0.0209	1	0.05	0.00209	07/07/06	19:52
282128	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0129	0.0129	1	0.05	0.00129	07/07/06	19:52
282128	Fe2714	0.500	U		mg/L	0.5				0.05	-0.0552	-0.0552	1	0.5	-0.00552	07/07/06	19:52
282128	La3988	0.0500	U		mg/L	0.05				0.005	-0.0207	-0.0207	1	0.05	-0.00207	07/07/06	19:52
282128	Mg2790	0.619			mg/L	0.5				0.05	0.6192	0.619	1	0.5	0.06192	07/07/06	19:52
282128	Mn2576	0.0500	U		mg/L	0.05				0.005	0.012	0.012	1	0.05	0.0012	07/07/06	19:52
282128	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0068	0.0068	1	0.05	0.00068	07/07/06	19:52
282128	Ni2316	0.0500	U		mg/L	0.05				0.005	0.013	0.013	1	0.05	0.0013	07/07/06	19:52
282128	P_1782	0.200	U		mg/L	0.2				0.02	0.116	0.116	1	0.2	0.0116	07/07/06	19:52
282128	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0286	-0.0286	1	0.1	-0.00286	07/07/06	19:52
282128	S_1820	9.59			mg/L	0.2				0.02	9.594	9.59	1	0.2	0.9594	07/07/06	19:52
282128	Sb2068	0.150	U		mg/L	0.15				0.015	0.0632	0.0632	1	0.15	0.00632	07/07/06	19:52
282128	Si2881	13.1			mg/L	0.2				0.02	13.1055	13.1	1	0.2	1.31055	07/07/06	19:52
282128	Pb220	0.0500	U		mg/L	0.05				0.005	0.0222	0.0222	1	0.05	0.00222	07/07/06	19:52
282128	Se196	0.0500	U		mg/L	0.05				0.005	-0.0057	-0.0057	1	0.05	-0.00057	07/07/06	19:52
282128	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0108	-0.0108	1	0.05	-0.00108	07/07/06	19:52
282128	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0148	0.0148	1	0.05	0.00148	07/07/06	19:52
282128	Th2837	0.300	U		mg/L	0.3				0.03	0.1018	0.102	1	0.3	0.01018	07/07/06	19:52
282128	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0057	0.0057	1	0.05	0.00057	07/07/06	19:52
282128	Tl1908	0.100	U		mg/L	0.1				0.01	0.0046	0.0046	1	0.1	0.00046	07/07/06	19:52
282128	U_4090	1.25	U		mg/L	1.25				0.125	-0.6974	-0.697	1	1.25	-0.06974	07/07/06	19:52
282128	V_2924	0.0500	U		mg/L	0.05				0.005	0.02	0.02	1	0.05	0.002	07/07/06	19:52
282128	W_2079	0.100	U		mg/L	0.1				0.01	-0.0111	-0.0111	1	0.1	-0.00111	07/07/06	19:52
282128	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0028	0.0028	1	0.05	0.00028	07/07/06	19:52
282128	Zn2062	0.0642			mg/L	0.05				0.005	0.0642	0.0642	1	0.05	0.00642	07/07/06	19:52
282128	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0121	0.0121	1	0.05	0.00121	07/07/06	19:52
282129	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0032	-0.0032	1	0.05	-0.00032	07/07/06	19:57
282129	Al3082	0.500	U		mg/L	0.5				0.05	0.1244	0.124	1	0.5	0.01244	07/07/06	19:57
282129	As1890	0.0500	U		mg/L	0.05				0.005	-0.0163	-0.0163	1	0.05	-0.00163	07/07/06	19:57
282129	B_2496	0.200	U		mg/L	0.2				0.02	0.0998	0.0998	1	0.2	0.00998	07/07/06	19:57
282129	Ba4934	0.500			mg/L	0.05				0.005	0.4997	0.5	1	0.05	0.04997	07/07/06	19:57
282129	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	19:57

010142

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282129	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0227	-0.0227	1	0.1	-0.00227	07/07/06	19:57
282129	Ca3179	6.91			mg/L	0.5				0.05	6.9147	6.91	1	0.5	0.69147	07/07/06	19:57
282129	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0011	-0.0011	1	0.05	-0.00011	07/07/06	19:57
282129	Co2286	0.0500	U		mg/L	0.05				0.005	0.0025	0.0025	1	0.05	0.00025	07/07/06	19:57
282129	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0138	0.0138	1	0.05	0.00138	07/07/06	19:57
282129	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0114	0.0114	1	0.05	0.00114	07/07/06	19:57
282129	Fe2714	0.500	U		mg/L	0.5				0.05	0.1704	0.17	1	0.5	0.01704	07/07/06	19:57
282129	La3988	0.0500	U		mg/L	0.05				0.005	-0.0062	-0.0062	1	0.05	-0.00062	07/07/06	19:57
282129	Mg2790	0.728			mg/L	0.5				0.05	0.728	0.728	1	0.5	0.0728	07/07/06	19:57
282129	Mn2576	0.0500	U		mg/L	0.05				0.005	0.01	0.01	1	0.05	0.001	07/07/06	19:57
282129	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0011	-0.0011	1	0.05	-0.00011	07/07/06	19:57
282129	Ni2316	0.0500	U		mg/L	0.05				0.005	0.011	0.011	1	0.05	0.0011	07/07/06	19:57
282129	P_1782	0.200	U		mg/L	0.2				0.02	0.1663	0.166	1	0.2	0.01663	07/07/06	19:57
282129	Pd3404	0.100	U		mg/L	0.1				0.01	0.0033	0.0033	1	0.1	0.00033	07/07/06	19:57
282129	S_1820	9.47			mg/L	0.2				0.02	9.4671	9.47	1	0.2	0.94671	07/07/06	19:57
282129	Sb2068	0.150	U		mg/L	0.15				0.015	0.0451	0.0451	1	0.15	0.00451	07/07/06	19:57
282129	Si2881	12.9			mg/L	0.2				0.02	12.946	12.9	1	0.2	1.2946	07/07/06	19:57
282129	Pb220	0.0500	U		mg/L	0.05				0.005	0.0144	0.0144	1	0.05	0.00144	07/07/06	19:57
282129	Se196	0.0500	U		mg/L	0.05				0.005	-0.0106	-0.0106	1	0.05	-0.00106	07/07/06	19:57
282129	Sn1899	0.0500	U		mg/L	0.05				0.005	0.024	0.024	1	0.05	0.0024	07/07/06	19:57
282129	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0153	0.0153	1	0.05	0.00153	07/07/06	19:57
282129	Th2837	0.300	U		mg/L	0.3				0.03	0.0616	0.0616	1	0.3	0.00616	07/07/06	19:57
282129	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0039	0.0039	1	0.05	0.00039	07/07/06	19:57
282129	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0092	-0.0092	1	0.1	-0.00092	07/07/06	19:57
282129	U_4090	1.25	U		mg/L	1.25				0.125	-0.1717	-0.172	1	1.25	-0.01717	07/07/06	19:57
282129	V_2924	0.0500	U		mg/L	0.05				0.005	0.0136	0.0136	1	0.05	0.00136	07/07/06	19:57
282129	W_2079	0.100	U		mg/L	0.1				0.01	-0.0391	-0.0391	1	0.1	-0.00391	07/07/06	19:57
282129	Y_3710	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	07/07/06	19:57
282129	Zn2062	0.0581			mg/L	0.05				0.005	0.0581	0.0581	1	0.05	0.00581	07/07/06	19:57
282129	Zr3496	0.0500	U		mg/L	0.05				0.005	0.01	0.01	1	0.05	0.001	07/07/06	19:57
282130	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0071	-0.0071	1	0.05	-0.00071	07/07/06	20:02
282130	Al3082	0.500	U		mg/L	0.5				0.05	0.2664	0.266	1	0.5	0.02664	07/07/06	20:02
282130	As1890	0.0500	U		mg/L	0.05				0.005	-0.0223	-0.0223	1	0.05	-0.00223	07/07/06	20:02
282130	B_2496	0.200	U		mg/L	0.2				0.02	0.0954	0.0954	1	0.2	0.00954	07/07/06	20:02
282130	Ba4934	0.504			mg/L	0.05				0.005	0.5038	0.504	1	0.05	0.05038	07/07/06	20:02
282130	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	20:02
282130	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0472	-0.0472	1	0.1	-0.00472	07/07/06	20:02
282130	Ca3179	6.30			mg/L	0.5				0.05	6.3019	6.3	1	0.5	0.63019	07/07/06	20:02
282130	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0027	-0.0027	1	0.05	-0.00027	07/07/06	20:02

0101143

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282130	Co2286	0.0500	U		mg/L	0.05				0.005	0.0095	0.0095	1	0.05	0.00095	07/07/06	20:02
282130	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0103	0.0103	1	0.05	0.00103	07/07/06	20:02
282130	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0052	0.0052	1	0.05	0.00052	07/07/06	20:02
282130	Fe2714	0.500	U		mg/L	0.5				0.05	0.3526	0.353	1	0.5	0.03526	07/07/06	20:02
282130	La3988	0.0500	U		mg/L	0.05				0.005	-0.016	-0.016	1	0.05	-0.0016	07/07/06	20:02
282130	Mg2790	0.666			mg/L	0.5				0.05	0.6655	0.666	1	0.5	0.06655	07/07/06	20:02
282130	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0112	0.0112	1	0.05	0.00112	07/07/06	20:02
282130	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0015	-0.0015	1	0.05	-0.00015	07/07/06	20:02
282130	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0104	0.0104	1	0.05	0.00104	07/07/06	20:02
282130	P_1782	0.200	U		mg/L	0.2				0.02	0.1629	0.163	1	0.2	0.01629	07/07/06	20:02
282130	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0128	-0.0128	1	0.1	-0.00128	07/07/06	20:02
282130	S_1820	9.45			mg/L	0.2				0.02	9.4489	9.45	1	0.2	0.94489	07/07/06	20:02
282130	Sb2068	0.150	U		mg/L	0.15				0.015	0.0427	0.0427	1	0.15	0.00427	07/07/06	20:02
282130	Si2881	13.3			mg/L	0.2				0.02	13.2927	13.3	1	0.2	1.32927	07/07/06	20:02
282130	Pb220	0.0500	U		mg/L	0.05				0.005	0.0073	0.0073	1	0.05	0.00073	07/07/06	20:02
282130	Se196	0.0500	U		mg/L	0.05				0.005	0.0097	0.0097	1	0.05	0.00097	07/07/06	20:02
282130	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0049	-0.0049	1	0.05	-0.00049	07/07/06	20:02
282130	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0141	0.0141	1	0.05	0.00141	07/07/06	20:02
282130	Th2837	0.300	U		mg/L	0.3				0.03	0.0534	0.0534	1	0.3	0.00534	07/07/06	20:02
282130	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	07/07/06	20:02
282130	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0091	-0.0091	1	0.1	-0.00091	07/07/06	20:02
282130	U_4090	1.25	U		mg/L	1.25				0.125	-0.4086	-0.409	1	1.25	-0.04086	07/07/06	20:02
282130	V_2924	0.0500	U		mg/L	0.05				0.005	0.0133	0.0133	1	0.05	0.00133	07/07/06	20:02
282130	W_2079	0.100	U		mg/L	0.1				0.01	-0.0423	-0.0423	1	0.1	-0.00423	07/07/06	20:02
282130	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	07/07/06	20:02
282130	Zn2062	0.0649			mg/L	0.05				0.005	0.0649	0.0649	1	0.05	0.00649	07/07/06	20:02
282130	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0071	0.0071	1	0.05	0.00071	07/07/06	20:02
282131	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0096	-0.0096	1	0.05	-0.00096	07/07/06	20:06
282131	Al3082	0.500	U		mg/L	0.5				0.05	0.3069	0.307	1	0.5	0.03069	07/07/06	20:06
282131	As1890	0.0500	U		mg/L	0.05				0.005	0.0014	0.0014	1	0.05	0.00014	07/07/06	20:06
282131	B_2496	0.200	U		mg/L	0.2				0.02	0.0974	0.0974	1	0.2	0.00974	07/07/06	20:06
282131	Ba4934	0.552			mg/L	0.05				0.005	0.5516	0.552	1	0.05	0.05516	07/07/06	20:06
282131	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	20:06
282131	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0718	-0.0718	1	0.1	-0.00718	07/07/06	20:06
282131	Ca3179	5.95			mg/L	0.5				0.05	5.9485	5.95	1	0.5	0.59485	07/07/06	20:06
282131	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0037	-0.0037	1	0.05	-0.00037	07/07/06	20:06
282131	Co2286	0.0500	U		mg/L	0.05				0.005	0.0037	0.0037	1	0.05	0.00037	07/07/06	20:06
282131	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0128	0.0128	1	0.05	0.00128	07/07/06	20:06
282131	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0045	0.0045	1	0.05	0.00045	07/07/06	20:06

010144

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282131	Fe2714	0.500	U		mg/L	0.5				0.05	-0.1214	-0.121	1	0.5	-0.01214	07/07/06	20:06
282131	La3988	0.0500	U		mg/L	0.05				0.005	-0.024	-0.024	1	0.05	-0.0024	07/07/06	20:06
282131	Mg2790	0.556			mg/L	0.5				0.05	0.5562	0.556	1	0.5	0.05562	07/07/06	20:06
282131	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0066	0.0066	1	0.05	0.00066	07/07/06	20:06
282131	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0014	0.0014	1	0.05	0.00014	07/07/06	20:06
282131	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0085	0.0085	1	0.05	0.00085	07/07/06	20:06
282131	P_1782	0.200	U		mg/L	0.2				0.02	0.1258	0.126	1	0.2	0.01258	07/07/06	20:06
282131	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0538	-0.0538	1	0.1	-0.00538	07/07/06	20:06
282131	S_1820	9.48			mg/L	0.2				0.02	9.483	9.48	1	0.2	0.9483	07/07/06	20:06
282131	Sb2068	0.150	U		mg/L	0.15				0.015	0.0412	0.0412	1	0.15	0.00412	07/07/06	20:06
282131	Si2881	13.1			mg/L	0.2				0.02	13.1398	13.1	1	0.2	1.31398	07/07/06	20:06
282131	Pb220	0.0500	U		mg/L	0.05				0.005	0.0068	0.0068	1	0.05	0.00068	07/07/06	20:06
282131	Se196	0.0500	U		mg/L	0.05				0.005	0.01	0.01	1	0.05	0.001	07/07/06	20:06
282131	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0125	-0.0125	1	0.05	-0.00125	07/07/06	20:06
282131	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0132	0.0132	1	0.05	0.00132	07/07/06	20:06
282131	Th2837	0.300	U		mg/L	0.3				0.03	0.0635	0.0635	1	0.3	0.00635	07/07/06	20:06
282131	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0051	0.0051	1	0.05	0.00051	07/07/06	20:06
282131	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0198	-0.0198	1	0.1	-0.00198	07/07/06	20:06
282131	U_4090	1.25	U		mg/L	1.25				0.125	-0.6672	-0.667	1	1.25	-0.06672	07/07/06	20:06
282131	V_2924	0.0500	U		mg/L	0.05				0.005	0.0108	0.0108	1	0.05	0.00108	07/07/06	20:06
282131	W_2079	0.100	U		mg/L	0.1				0.01	-0.0288	-0.0288	1	0.1	-0.00288	07/07/06	20:06
282131	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	20:06
282131	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0409	0.0409	1	0.05	0.00409	07/07/06	20:06
282131	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0038	0.0038	1	0.05	0.00038	07/07/06	20:06
282132	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0084	-0.0084	1	0.05	-0.00084	07/07/06	20:11
282132	Al3082	0.500	U		mg/L	0.5				0.05	0.2239	0.224	1	0.5	0.02239	07/07/06	20:11
282132	As1890	0.0500	U		mg/L	0.05				0.005	0.0037	0.0037	1	0.05	0.00037	07/07/06	20:11
282132	B_2496	0.200	U		mg/L	0.2				0.02	0.0866	0.0866	1	0.2	0.00866	07/07/06	20:11
282132	Ba4934	0.556			mg/L	0.05				0.005	0.5559	0.556	1	0.05	0.05559	07/07/06	20:11
282132	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	20:11
282132	Bi2230	0.100	U		mg/L	0.1				0.01	0.0056	0.0056	1	0.1	0.00056	07/07/06	20:11
282132	Ca3179	5.99			mg/L	0.5				0.05	5.9885	5.99	1	0.5	0.59885	07/07/06	20:11
282132	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	07/07/06	20:11
282132	Co2286	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	20:11
282132	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0019	-0.0019	1	0.05	-0.00019	07/07/06	20:11
282132	Cu3247	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	20:11
282132	Fe2714	0.500	U		mg/L	0.5				0.05	0.0892	0.0892	1	0.5	0.00892	07/07/06	20:11
282132	La3988	0.0500	U		mg/L	0.05				0.005	-0.0125	-0.0125	1	0.05	-0.00125	07/07/06	20:11
282132	Mg2790	0.627			mg/L	0.5				0.05	0.6266	0.627	1	0.5	0.06266	07/07/06	20:11

010145

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282132	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0044	0.0044	1	0.05	0.00044	07/07/06	20:11
282132	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0024	-0.0024	1	0.05	-0.00024	07/07/06	20:11
282132	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0149	-0.0149	1	0.05	-0.00149	07/07/06	20:11
282132	P_1782	0.200	U		mg/L	0.2				0.02	-0.0429	-0.0429	1	0.2	-0.00429	07/07/06	20:11
282132	Pd3404	0.100	U		mg/L	0.1				0.01	-0.028	-0.028	1	0.1	-0.0028	07/07/06	20:11
282132	S_1820	9.46			mg/L	0.2				0.02	9.4631	9.46	1	0.2	0.94631	07/07/06	20:11
282132	Sb2068	0.150	U		mg/L	0.15				0.015	0.0199	0.0199	1	0.15	0.00199	07/07/06	20:11
282132	Si2881	13.1			mg/L	0.2				0.02	13.1319	13.1	1	0.2	1.31319	07/07/06	20:11
282132	Pb220	0.0500	U		mg/L	0.05				0.005	0.007	0.007	1	0.05	0.0007	07/07/06	20:11
282132	Se196	0.0500	U		mg/L	0.05				0.005	-0.0096	-0.0096	1	0.05	-0.00096	07/07/06	20:11
282132	Sn1899	0.0500	U		mg/L	0.05				0.005	0.007	0.007	1	0.05	0.0007	07/07/06	20:11
282132	Sr4215	0.0500	U		mg/L	0.05				0.005	0.014	0.014	1	0.05	0.0014	07/07/06	20:11
282132	Th2837	0.300	U		mg/L	0.3				0.03	0.0193	0.0193	1	0.3	0.00193	07/07/06	20:11
282132	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0043	0.0043	1	0.05	0.00043	07/07/06	20:11
282132	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0084	-0.0084	1	0.1	-0.00084	07/07/06	20:11
282132	U_4090	1.25	U		mg/L	1.25				0.125	-0.3386	-0.339	1	1.25	-0.03386	07/07/06	20:11
282132	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	20:11
282132	W_2079	0.100	U		mg/L	0.1				0.01	0.0006	0.0006	1	0.1	0.00006	07/07/06	20:11
282132	Y_3710	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	20:11
282132	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0388	0.0388	1	0.05	0.00388	07/07/06	20:11
282132	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0017	-0.0017	1	0.05	-0.00017	07/07/06	20:11
282133	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.018	-0.018	1	0.05	-0.0018	07/07/06	20:16
282133	Al3082	0.500	U		mg/L	0.5				0.05	-0.0334	-0.0334	1	0.5	-0.00334	07/07/06	20:16
282133	As1890	0.0500	U		mg/L	0.05				0.005	-0.0261	-0.0261	1	0.05	-0.00261	07/07/06	20:16
282133	B_2496	0.200	U		mg/L	0.2				0.02	0.0797	0.0797	1	0.2	0.00797	07/07/06	20:16
282133	Ba4934	0.502			mg/L	0.05				0.005	0.5016	0.502	1	0.05	0.05016	07/07/06	20:16
282133	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	07/07/06	20:16
282133	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0494	-0.0494	1	0.1	-0.00494	07/07/06	20:16
282133	Ca3179	14.4			mg/L	0.5				0.05	14.401	14.4	1	0.5	1.4401	07/07/06	20:16
282133	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0039	-0.0039	1	0.05	-0.00039	07/07/06	20:16
282133	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0054	-0.0054	1	0.05	-0.00054	07/07/06	20:16
282133	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	20:16
282133	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0036	-0.0036	1	0.05	-0.00036	07/07/06	20:16
282133	Fe2714	0.500	U		mg/L	0.5				0.05	-0.1479	-0.148	1	0.5	-0.01479	07/07/06	20:16
282133	La3988	0.0500	U		mg/L	0.05				0.005	-0.0326	-0.0326	1	0.05	-0.00326	07/07/06	20:16
282133	Mg2790	0.998			mg/L	0.5				0.05	0.998	0.998	1	0.5	0.0998	07/07/06	20:16
282133	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0041	0.0041	1	0.05	0.00041	07/07/06	20:16
282133	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.004	-0.004	1	0.05	-0.0004	07/07/06	20:16
282133	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0005	0.0005	1	0.05	0.00005	07/07/06	20:16

010146

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282133	P_1782	0.200	U		mg/L	0.2				0.02	0.1865	0.187	1	0.2	0.01865	07/07/06	20:16
282133	Pd3404	0.100	U		mg/L	0.1				0.01	-0.061	-0.061	1	0.1	-0.0061	07/07/06	20:16
282133	S_1820	9.50			mg/L	0.2				0.02	9.5006	9.5	1	0.2	0.95006	07/07/06	20:16
282133	Sb2068	0.150	U		mg/L	0.15				0.015	0.0131	0.0131	1	0.15	0.00131	07/07/06	20:16
282133	Si2881	12.6			mg/L	0.2				0.02	12.6442	12.6	1	0.2	1.26442	07/07/06	20:16
282133	Pb220	0.0500	U		mg/L	0.05				0.005	0.0051	0.0051	1	0.05	0.00051	07/07/06	20:16
282133	Se196	0.0500	U		mg/L	0.05				0.005	0.0007	0.0007	1	0.05	0.00007	07/07/06	20:16
282133	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0117	-0.0117	1	0.05	-0.00117	07/07/06	20:16
282133	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0278	0.0278	1	0.05	0.00278	07/07/06	20:16
282133	Th2837	0.300	U		mg/L	0.3				0.03	0.0315	0.0315	1	0.3	0.00315	07/07/06	20:16
282133	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0004	-0.0004	1	0.05	-0.00004	07/07/06	20:16
282133	Tl1908	0.100	U		mg/L	0.1				0.01	-0.013	-0.013	1	0.1	-0.0013	07/07/06	20:16
282133	U_4090	1.25	U		mg/L	1.25				0.125	-1.0324	-1.03	1	1.25	-0.10324	07/07/06	20:16
282133	V_2924	0.0500	U		mg/L	0.05				0.005	0.0002	0.0002	1	0.05	0.00002	07/07/06	20:16
282133	W_2079	0.100	U		mg/L	0.1				0.01	-0.0416	-0.0416	1	0.1	-0.00416	07/07/06	20:16
282133	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0015	-0.0015	1	0.05	-0.00015	07/07/06	20:16
282133	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0466	0.0466	1	0.05	0.00466	07/07/06	20:16
282133	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0079	-0.0079	1	0.05	-0.00079	07/07/06	20:16
282134	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0018	-0.0018	1	0.05	-0.00018	07/07/06	20:30
282134	Al3082	0.500	U		mg/L	0.5				0.05	0.0601	0.0601	1	0.5	0.00601	07/07/06	20:30
282134	As1890	0.0500	U		mg/L	0.05				0.005	0.0024	0.0024	1	0.05	0.00024	07/07/06	20:30
282134	B_2496	0.200	U		mg/L	0.2				0.02	0.1192	0.119	1	0.2	0.01192	07/07/06	20:30
282134	Ba4934	0.504			mg/L	0.05				0.005	0.5035	0.504	1	0.05	0.05035	07/07/06	20:30
282134	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	20:30
282134	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0454	-0.0454	1	0.1	-0.00454	07/07/06	20:30
282134	Ca3179	13.1			mg/L	0.5				0.05	13.0756	13.1	1	0.5	1.30756	07/07/06	20:30
282134	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	07/07/06	20:30
282134	Co2286	0.0500	U		mg/L	0.05				0.005	0.008	0.008	1	0.05	0.0008	07/07/06	20:30
282134	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0049	0.0049	1	0.05	0.00049	07/07/06	20:30
282134	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	20:30
282134	Fe2714	0.500	U		mg/L	0.5				0.05	0.1962	0.196	1	0.5	0.01962	07/07/06	20:30
282134	La3988	0.0500	U		mg/L	0.05				0.005	-0.0083	-0.0083	1	0.05	-0.00083	07/07/06	20:30
282134	Mg2790	1.05			mg/L	0.5				0.05	1.045	1.05	1	0.5	0.1045	07/07/06	20:30
282134	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0014	0.0014	1	0.05	0.00014	07/07/06	20:30
282134	Mo2020	0.0500	U		mg/L	0.05				0.005	0.003	0.003	1	0.05	0.0003	07/07/06	20:30
282134	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0053	-0.0053	1	0.05	-0.00053	07/07/06	20:30
282134	P_1782	0.200	U		mg/L	0.2				0.02	-0.015	-0.015	1	0.2	-0.0015	07/07/06	20:30
282134	Pd3404	0.100	U		mg/L	0.1				0.01	0.0164	0.0164	1	0.1	0.00164	07/07/06	20:30
282134	S_1820	9.38			mg/L	0.2				0.02	9.3828	9.38	1	0.2	0.93828	07/07/06	20:30

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282134	Sb2068	0.150	U		mg/L	0.15				0.015	0.035	0.035	1	0.15	0.0035	07/07/06	20:30
282134	Si2881	12.5			mg/L	0.2				0.02	12.4677	12.5	1	0.2	1.24677	07/07/06	20:30
282134	Pb220	0.0500	U		mg/L	0.05				0.005	0.0079	0.0079	1	0.05	0.00079	07/07/06	20:30
282134	Se196	0.0500	U		mg/L	0.05				0.005	-0.0077	-0.0077	1	0.05	-0.00077	07/07/06	20:30
282134	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0058	0.0058	1	0.05	0.00058	07/07/06	20:30
282134	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0259	0.0259	1	0.05	0.00259	07/07/06	20:30
282134	Th2837	0.300	U		mg/L	0.3				0.03	0.0335	0.0335	1	0.3	0.00335	07/07/06	20:30
282134	Ti3349	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	20:30
282134	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0239	-0.0239	1	0.1	-0.00239	07/07/06	20:30
282134	U_4090	1.25	U		mg/L	1.25				0.125	-0.2269	-0.227	1	1.25	-0.02269	07/07/06	20:30
282134	V_2924	0.0500	U		mg/L	0.05				0.005	0.0038	0.0038	1	0.05	0.00038	07/07/06	20:30
282134	W_2079	0.100	U		mg/L	0.1				0.01	-0.0269	-0.0269	1	0.1	-0.00269	07/07/06	20:30
282134	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0002	0.0002	1	0.05	0.00002	07/07/06	20:30
282134	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0123	0.0123	1	0.05	0.00123	07/07/06	20:30
282134	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	20:30
282135	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0115	-0.0115	1	0.05	-0.00115	07/07/06	20:35
282135	Al3082	0.500	U		mg/L	0.5				0.05	0.2834	0.283	1	0.5	0.02834	07/07/06	20:35
282135	As1890	0.0500	U		mg/L	0.05				0.005	-0.0228	-0.0228	1	0.05	-0.00228	07/07/06	20:35
282135	B_2496	0.278			mg/L	0.2				0.02	0.2779	0.278	1	0.2	0.02779	07/07/06	20:35
282135	Ba4934	0.569			mg/L	0.05				0.005	0.5694	0.569	1	0.05	0.05694	07/07/06	20:35
282135	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	20:35
282135	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0653	-0.0653	1	0.1	-0.00653	07/07/06	20:35
282135	Ca3179	3.34			mg/L	0.5				0.05	3.3412	3.34	1	0.5	0.33412	07/07/06	20:35
282135	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0024	-0.0024	1	0.05	-0.00024	07/07/06	20:35
282135	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0046	-0.0046	1	0.05	-0.00046	07/07/06	20:35
282135	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0041	0.0041	1	0.05	0.00041	07/07/06	20:35
282135	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0037	0.0037	1	0.05	0.00037	07/07/06	20:35
282135	Fe2714	0.500	U		mg/L	0.5				0.05	-0.0344	-0.0344	1	0.5	-0.00344	07/07/06	20:35
282135	La3988	0.0500	U		mg/L	0.05				0.005	-0.0245	-0.0245	1	0.05	-0.00245	07/07/06	20:35
282135	Mg2790	0.500	U		mg/L	0.5				0.05	0.3843	0.384	1	0.5	0.03843	07/07/06	20:35
282135	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	20:35
282135	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0006	-0.0006	1	0.05	-0.00006	07/07/06	20:35
282135	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0081	-0.0081	1	0.05	-0.00081	07/07/06	20:35
282135	P_1782	0.200	U		mg/L	0.2				0.02	-0.0584	-0.0584	1	0.2	-0.00584	07/07/06	20:35
282135	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0518	-0.0518	1	0.1	-0.00518	07/07/06	20:35
282135	S_1820	9.45			mg/L	0.2				0.02	9.4475	9.45	1	0.2	0.94475	07/07/06	20:35
282135	Sb2068	0.150	U		mg/L	0.15				0.015	0.0195	0.0195	1	0.15	0.00195	07/07/06	20:35
282135	Si2881	14.5			mg/L	0.2				0.02	14.5292	14.5	1	0.2	1.45292	07/07/06	20:35
282135	Pb220	0.0500	U		mg/L	0.05				0.005	0.0055	0.0055	1	0.05	0.00055	07/07/06	20:35

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282135	Se196	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	07/07/06	20:35
282135	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0082	-0.0082	1	0.05	-0.00082	07/07/06	20:35
282135	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0128	0.0128	1	0.05	0.00128	07/07/06	20:35
282135	Th2837	0.300	U		mg/L	0.3				0.03	0.045	0.045	1	0.3	0.0045	07/07/06	20:35
282135	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0055	0.0055	1	0.05	0.00055	07/07/06	20:35
282135	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0145	-0.0145	1	0.1	-0.00145	07/07/06	20:35
282135	U_4090	1.25	U		mg/L	1.25				0.125	-0.785	-0.785	1	1.25	-0.0785	07/07/06	20:35
282135	V_2924	0.0500	U		mg/L	0.05				0.005	0.0039	0.0039	1	0.05	0.00039	07/07/06	20:35
282135	W_2079	0.100	U		mg/L	0.1				0.01	-0.0431	-0.0431	1	0.1	-0.00431	07/07/06	20:35
282135	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	20:35
282135	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0053	0.0053	1	0.05	0.00053	07/07/06	20:35
282135	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.001	-0.001	1	0.05	-0.0001	07/07/06	20:35
282136	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0089	-0.0089	1	0.05	-0.00089	07/07/06	20:40
282136	Al3082	0.584			mg/L	0.5				0.05	0.5837	0.584	1	0.5	0.05837	07/07/06	20:40
282136	As1890	0.0500	U		mg/L	0.05				0.005	-0.0275	-0.0275	1	0.05	-0.00275	07/07/06	20:40
282136	B_2496	0.200	U		mg/L	0.2				0.02	0.1681	0.168	1	0.2	0.01681	07/07/06	20:40
282136	Ba4934	0.658			mg/L	0.05				0.005	0.6578	0.658	1	0.05	0.06578	07/07/06	20:40
282136	Be3130	0.0500	U		mg/L	0.05				0.005	0.0004	0.0004	1	0.05	0.00004	07/07/06	20:40
282136	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0307	-0.0307	1	0.1	-0.00307	07/07/06	20:40
282136	Ca3179	17.1			mg/L	0.5				0.05	17.1035	17.1	1	0.5	1.71035	07/07/06	20:40
282136	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0032	-0.0032	1	0.05	-0.00032	07/07/06	20:40
282136	Co2286	0.0500	U		mg/L	0.05				0.005	0.0232	0.0232	1	0.05	0.00232	07/07/06	20:40
282136	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0026	-0.0026	1	0.05	-0.00026	07/07/06	20:40
282136	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	07/07/06	20:40
282136	Fe2714	0.500	U		mg/L	0.5				0.05	0.0039	0.0039	1	0.5	0.00039	07/07/06	20:40
282136	La3988	0.0500	U		mg/L	0.05				0.005	-0.0147	-0.0147	1	0.05	-0.00147	07/07/06	20:40
282136	Mg2790	1.44			mg/L	0.5				0.05	1.4408	1.44	1	0.5	0.14408	07/07/06	20:40
282136	Mn2576	0.108			mg/L	0.05				0.005	0.1083	0.108	1	0.05	0.01083	07/07/06	20:40
282136	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0022	0.0022	1	0.05	0.00022	07/07/06	20:40
282136	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0026	-0.0026	1	0.05	-0.00026	07/07/06	20:40
282136	P_1782	0.353			mg/L	0.2				0.02	0.3525	0.353	1	0.2	0.03525	07/07/06	20:40
282136	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0107	-0.0107	1	0.1	-0.00107	07/07/06	20:40
282136	S_1820	9.41			mg/L	0.2				0.02	9.41	9.41	1	0.2	0.941	07/07/06	20:40
282136	Sb2068	0.150	U		mg/L	0.15				0.015	0.0053	0.0053	1	0.15	0.00053	07/07/06	20:40
282136	Si2881	14.1			mg/L	0.2				0.02	14.0836	14.1	1	0.2	1.40836	07/07/06	20:40
282136	Pb220	0.0500	U		mg/L	0.05				0.005	0.0079	0.0079	1	0.05	0.00079	07/07/06	20:40
282136	Se196	0.0500	U		mg/L	0.05				0.005	-0.0103	-0.0103	1	0.05	-0.00103	07/07/06	20:40
282136	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0062	-0.0062	1	0.05	-0.00062	07/07/06	20:40
282136	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0355	0.0355	1	0.05	0.00355	07/07/06	20:40

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282136	Th2837	0.300	U		mg/L	0.3				0.03	0.0158	0.0158	1	0.3	0.00158	07/07/06	20:40
282136	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	07/07/06	20:40
282136	Tl1908	0.100	U		mg/L	0.1				0.01	0.0016	0.0016	1	0.1	0.00016	07/07/06	20:40
282136	U_4090	1.25	U		mg/L	1.25				0.125	-0.3688	-0.369	1	1.25	-0.03688	07/07/06	20:40
282136	V_2924	0.0500	U		mg/L	0.05				0.005	0.0004	0.0004	1	0.05	0.00004	07/07/06	20:40
282136	W_2079	0.100	U		mg/L	0.1				0.01	-0.0419	-0.0419	1	0.1	-0.00419	07/07/06	20:40
282136	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	20:40
282136	Zn2062	0.340			mg/L	0.05				0.005	0.3396	0.34	1	0.05	0.03396	07/07/06	20:40
282136	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0043	-0.0043	1	0.05	-0.00043	07/07/06	20:40
282137	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0053	-0.0053	1	0.05	-0.00053	07/07/06	20:45
282137	Al3082	0.500	U		mg/L	0.5				0.05	0.4592	0.459	1	0.5	0.04592	07/07/06	20:45
282137	As1890	0.0500	U		mg/L	0.05				0.005	-0.0139	-0.0139	1	0.05	-0.00139	07/07/06	20:45
282137	B_2496	0.200	U		mg/L	0.2				0.02	0.1585	0.159	1	0.2	0.01585	07/07/06	20:45
282137	Ba4934	0.625			mg/L	0.05				0.005	0.6253	0.625	1	0.05	0.06253	07/07/06	20:45
282137	Be3130	0.0500	U		mg/L	0.05				0.005	0.0001	0.0001	1	0.05	0.00001	07/07/06	20:45
282137	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0427	-0.0427	1	0.1	-0.00427	07/07/06	20:45
282137	Ca3179	16.9			mg/L	0.5				0.05	16.9139	16.9	1	0.5	1.69139	07/07/06	20:45
282137	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0031	-0.0031	1	0.05	-0.00031	07/07/06	20:45
282137	Co2286	0.0500	U		mg/L	0.05				0.005	0.0061	0.0061	1	0.05	0.00061	07/07/06	20:45
282137	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0082	0.0082	1	0.05	0.00082	07/07/06	20:45
282137	Cu3247	0.0500	U		mg/L	0.05				0.005	0.006	0.006	1	0.05	0.0006	07/07/06	20:45
282137	Fe2714	0.500	U		mg/L	0.5				0.05	-0.0018	-0.0018	1	0.5	-0.00018	07/07/06	20:45
282137	La3988	0.0500	U		mg/L	0.05				0.005	-0.016	-0.016	1	0.05	-0.0016	07/07/06	20:45
282137	Mg2790	1.43			mg/L	0.5				0.05	1.428	1.43	1	0.5	0.1428	07/07/06	20:45
282137	Mn2576	0.0813			mg/L	0.05				0.005	0.0813	0.0813	1	0.05	0.00813	07/07/06	20:45
282137	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0005	0.0005	1	0.05	0.00005	07/07/06	20:45
282137	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0048	0.0048	1	0.05	0.00048	07/07/06	20:45
282137	P_1782	0.321			mg/L	0.2				0.02	0.3207	0.321	1	0.2	0.03207	07/07/06	20:45
282137	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0202	-0.0202	1	0.1	-0.00202	07/07/06	20:45
282137	S_1820	9.50			mg/L	0.2				0.02	9.4975	9.5	1	0.2	0.94975	07/07/06	20:45
282137	Sb2068	0.150	U		mg/L	0.15				0.015	0.0413	0.0413	1	0.15	0.00413	07/07/06	20:45
282137	Si2881	13.9			mg/L	0.2				0.02	13.9357	13.9	1	0.2	1.39357	07/07/06	20:45
282137	Pb220	0.0500	U		mg/L	0.05				0.005	0.0081	0.0081	1	0.05	0.00081	07/07/06	20:45
282137	Se196	0.0500	U		mg/L	0.05				0.005	0.0096	0.0096	1	0.05	0.00096	07/07/06	20:45
282137	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0032	-0.0032	1	0.05	-0.00032	07/07/06	20:45
282137	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0343	0.0343	1	0.05	0.00343	07/07/06	20:45
282137	Th2837	0.300	U		mg/L	0.3				0.03	0.0415	0.0415	1	0.3	0.00415	07/07/06	20:45
282137	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	20:45
282137	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0194	-0.0194	1	0.1	-0.00194	07/07/06	20:45

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282137	U_4090	1.25	U		mg/L	1.25				0.125	-0.4742	-0.474	1	1.25	-0.04742	07/07/06	20:45
282137	V_2924	0.0500	U		mg/L	0.05				0.005	0.0087	0.0087	1	0.05	0.00087	07/07/06	20:45
282137	W_2079	0.100	U		mg/L	0.1				0.01	-0.0405	-0.0405	1	0.1	-0.00405	07/07/06	20:45
282137	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0014	0.0014	1	0.05	0.00014	07/07/06	20:45
282137	Zn2062	0.321			mg/L	0.05				0.005	0.3206	0.321	1	0.05	0.03206	07/07/06	20:45
282137	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0048	0.0048	1	0.05	0.00048	07/07/06	20:45
pbw-G07H2	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0068	-0.0068	1	0.05	-0.00068	07/07/06	21:18
pbw-G07H2	Al3082	0.500	U		mg/L	0.5				0.05	0.0732	0.0732	1	0.5	0.00732	07/07/06	21:18
pbw-G07H2	As1890	0.0500	U		mg/L	0.05				0.005	-0.0198	-0.0198	1	0.05	-0.00198	07/07/06	21:18
pbw-G07H2	B_2496	0.200	U		mg/L	0.2				0.02	0.0573	0.0573	1	0.2	0.00573	07/07/06	21:18
pbw-G07H2	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	21:18
pbw-G07H2	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	21:18
pbw-G07H2	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0579	-0.0579	1	0.1	-0.00579	07/07/06	21:18
pbw-G07H2	Ca3179	0.500	U		mg/L	0.5				0.05	0.3251	0.325	1	0.5	0.03251	07/07/06	21:18
pbw-G07H2	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0031	-0.0031	1	0.05	-0.00031	07/07/06	21:18
pbw-G07H2	Co2286	0.0500	U		mg/L	0.05				0.005	0.0028	0.0028	1	0.05	0.00028	07/07/06	21:18
pbw-G07H2	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0072	0.0072	1	0.05	0.00072	07/07/06	21:18
pbw-G07H2	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0065	0.0065	1	0.05	0.00065	07/07/06	21:18
pbw-G07H2	Fe2714	0.500	U		mg/L	0.5				0.05	0.1038	0.104	1	0.5	0.01038	07/07/06	21:18
pbw-G07H2	La3988	0.0500	U		mg/L	0.05				0.005	-0.0136	-0.0136	1	0.05	-0.00136	07/07/06	21:18
pbw-G07H2	Mg2790	0.500	U		mg/L	0.5				0.05	-0.0415	-0.0415	1	0.5	-0.00415	07/07/06	21:18
pbw-G07H2	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	21:18
pbw-G07H2	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0067	0.0067	1	0.05	0.00067	07/07/06	21:18
pbw-G07H2	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0079	0.0079	1	0.05	0.00079	07/07/06	21:18
pbw-G07H2	P_1782	0.200	U		mg/L	0.2				0.02	-0.0403	-0.0403	1	0.2	-0.00403	07/07/06	21:18
pbw-G07H2	Pd3404	0.100	U		mg/L	0.1				0.01	0.0003	0.0003	1	0.1	0.00003	07/07/06	21:18
pbw-G07H2	S_1820	0.200	U		mg/L	0.2				0.02	-0.0438	-0.0438	1	0.2	-0.00438	07/07/06	21:18
pbw-G07H2	Sb2068	0.150	U		mg/L	0.15				0.015	0.0244	0.0244	1	0.15	0.00244	07/07/06	21:18
pbw-G07H2	Si2881	0.200	U		mg/L	0.2				0.02	-0.0194	-0.0194	1	0.2	-0.00194	07/07/06	21:18
pbw-G07H2	Pb220	0.0500	U		mg/L	0.05				0.005	0.0265	0.0265	1	0.05	0.00265	07/07/06	21:18
pbw-G07H2	Se196	0.0500	U		mg/L	0.05				0.005	-0.0033	-0.0033	1	0.05	-0.00033	07/07/06	21:18
pbw-G07H2	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0082	0.0082	1	0.05	0.00082	07/07/06	21:18
pbw-G07H2	Sr4215	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	07/07/06	21:18
pbw-G07H2	Th2837	0.300	U		mg/L	0.3				0.03	0.0479	0.0479	1	0.3	0.00479	07/07/06	21:18
pbw-G07H2	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0022	0.0022	1	0.05	0.00022	07/07/06	21:18
pbw-G07H2	Tl1908	0.100	U		mg/L	0.1				0.01	0.0116	0.0116	1	0.1	0.00116	07/07/06	21:18
pbw-G07H2	U_4090	1.25	U		mg/L	1.25				0.125	-0.4035	-0.404	1	1.25	-0.04035	07/07/06	21:18
pbw-G07H2	V_2924	0.0500	U		mg/L	0.05				0.005	0.0092	0.0092	1	0.05	0.00092	07/07/06	21:18
pbw-G07H2	W_2079	0.100	U		mg/L	0.1				0.01	-0.0337	-0.0337	1	0.1	-0.00337	07/07/06	21:18

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
pbw-G07H2	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	21:18
pbw-G07H2	Zn2062	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	07/07/06	21:18
pbw-G07H2	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0051	0.0051	1	0.05	0.00051	07/07/06	21:18
lcsw-G07H2	Ag3280	0.473			mg/L	0.05		94.6%	0.5	0.005	0.4734	0.473	1	0.05	0.04734	07/07/06	21:23
lcsw-G07H2	Al3082	19.3			mg/L	0.5		96.5%	20	0.05	19.2702	19.3	1	0.5	1.92702	07/07/06	21:23
lcsw-G07H2	As1890	19.8			mg/L	0.05		99.0%	20	0.005	19.8405	19.8	1	0.05	1.98405	07/07/06	21:23
lcsw-G07H2	B_2496	0.200	U		mg/L	0.2			0	0.02	0.0373	0.0373	1	0.2	0.00373	07/07/06	21:23
lcsw-G07H2	Ba4934	20.0			mg/L	0.05		100.0%	20	0.005	20.0248	20	1	0.05	2.00248	07/07/06	21:23
lcsw-G07H2	Be3130	0.491			mg/L	0.05		98.2%	0.5	0.005	0.4912	0.491	1	0.05	0.04912	07/07/06	21:23
lcsw-G07H2	Bi2230	0.100	U		mg/L	0.1			0	0.01	-0.0569	-0.0569	1	0.1	-0.00569	07/07/06	21:23
lcsw-G07H2	Ca3179	205			mg/L	0.5		102.5%	200	0.05	205.0711	205	1	0.5	20.50711	07/07/06	21:23
lcsw-G07H2	Cd2265	0.479			mg/L	0.05		95.8%	0.5	0.005	0.4793	0.479	1	0.05	0.04793	07/07/06	21:23
lcsw-G07H2	Co2286	4.90			mg/L	0.05		98.0%	5	0.005	4.8996	4.9	1	0.05	0.48996	07/07/06	21:23
lcsw-G07H2	Cr2677	1.91			mg/L	0.05		95.5%	2	0.005	1.9091	1.91	1	0.05	0.19091	07/07/06	21:23
lcsw-G07H2	Cu3247	2.44			mg/L	0.05		97.6%	2.5	0.005	2.4356	2.44	1	0.05	0.24356	07/07/06	21:23
lcsw-G07H2	Fe2714	11.1			mg/L	0.5		111.0%	10	0.05	11.0714	11.1	1	0.5	1.10714	07/07/06	21:23
lcsw-G07H2	La3988	0.0500	U		mg/L	0.05			0	0.005	-0.023	-0.023	1	0.05	-0.0023	07/07/06	21:23
lcsw-G07H2	Mg2790	203			mg/L	0.5		101.5%	200	0.05	203.0406	203	1	0.5	20.30406	07/07/06	21:23
lcsw-G07H2	Mn2576	4.91			mg/L	0.05		98.2%	5	0.005	4.9147	4.91	1	0.05	0.49147	07/07/06	21:23
lcsw-G07H2	Mo2020	0.0500	U		mg/L	0.05			0	0.005	-0.0127	-0.0127	1	0.05	-0.00127	07/07/06	21:23
lcsw-G07H2	Ni2316	4.82			mg/L	0.05		96.4%	5	0.005	4.8223	4.82	1	0.05	0.48223	07/07/06	21:23
lcsw-G07H2	P_1782	40.4			mg/L	0.2		101.0%	40	0.02	40.3718	40.4	1	0.2	4.03718	07/07/06	21:23
lcsw-G07H2	Pd3404	0.100	U		mg/L	0.1			0	0.01	-0.0534	-0.0534	1	0.1	-0.00534	07/07/06	21:23
lcsw-G07H2	S_1820	0.200	U		mg/L	0.2			0	0.02	-0.0882	-0.0882	1	0.2	-0.00882	07/07/06	21:23
lcsw-G07H2	Sb2068	4.91			mg/L	0.15		98.2%	5	0.015	4.9097	4.91	1	0.15	0.49097	07/07/06	21:23
lcsw-G07H2	Si2881	40.0			mg/L	0.2		100.0%	40	0.02	39.9543	40	1	0.2	3.99543	07/07/06	21:23
lcsw-G07H2	Pb220	4.82			mg/L	0.05		96.4%	5	0.005	4.8179	4.82	1	0.05	0.48179	07/07/06	21:23
lcsw-G07H2	Se196	20.1			mg/L	0.05		100.5%	20	0.005	20.0993	20.1	1	0.05	2.00993	07/07/06	21:23
lcsw-G07H2	Sn1899	0.0500	U		mg/L	0.05			0	0.005	-0.0053	-0.0053	1	0.05	-0.00053	07/07/06	21:23
lcsw-G07H2	Sr4215	0.0500	U		mg/L	0.05			0	0.005	0.0083	0.0083	1	0.05	0.00083	07/07/06	21:23
lcsw-G07H2	Th2837	0.300	U		mg/L	0.3			0	0.03	-0.1547	-0.155	1	0.3	-0.01547	07/07/06	21:23
lcsw-G07H2	Ti3349	0.0500	U		mg/L	0.05			0	0.005	0.0014	0.0014	1	0.05	0.00014	07/07/06	21:23
lcsw-G07H2	Tl1908	20.3			mg/L	0.1		101.5%	20	0.01	20.2601	20.3	1	0.1	2.02601	07/07/06	21:23
lcsw-G07H2	U_4090	1.25	U		mg/L	1.25			0	0.125	-0.6777	-0.678	1	1.25	-0.06777	07/07/06	21:23
lcsw-G07H2	V_2924	4.81			mg/L	0.05		96.2%	5	0.005	4.8125	4.81	1	0.05	0.48125	07/07/06	21:23
lcsw-G07H2	W_2079	0.100	U		mg/L	0.1			0	0.01	-0.0267	-0.0267	1	0.1	-0.00267	07/07/06	21:23
lcsw-G07H2	Y_3710	0.0500	U		mg/L	0.05			0	0.005	-0.0024	-0.0024	1	0.05	-0.00024	07/07/06	21:23
lcsw-G07H2	Zn2062	4.88			mg/L	0.05		97.6%	5	0.005	4.8766	4.88	1	0.05	0.48766	07/07/06	21:23
lcsw-G07H2	Zr3496	0.0500	U		mg/L	0.05			0	0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	21:23

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282138	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0114	-0.0114	1	0.05	-0.00114	07/07/06	21:28
282138	Al3082	0.500	U		mg/L	0.5				0.05	0.322	0.322	1	0.5	0.0322	07/07/06	21:28
282138	As1890	0.0500	U		mg/L	0.05				0.005	0.0005	0.0005	1	0.05	0.00005	07/07/06	21:28
282138	B_2496	0.200	U		mg/L	0.2				0.02	0.1697	0.17	1	0.2	0.01697	07/07/06	21:28
282138	Ba4934	0.635			mg/L	0.05				0.005	0.635	0.635	1	0.05	0.0635	07/07/06	21:28
282138	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	21:28
282138	Bi2230	0.100	U		mg/L	0.1				0.01	-0.066	-0.066	1	0.1	-0.0066	07/07/06	21:28
282138	Ca3179	16.5			mg/L	0.5				0.05	16.4703	16.5	1	0.5	1.64703	07/07/06	21:28
282138	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0041	-0.0041	1	0.05	-0.00041	07/07/06	21:28
282138	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0027	-0.0027	1	0.05	-0.00027	07/07/06	21:28
282138	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0016	0.0016	1	0.05	0.00016	07/07/06	21:28
282138	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0013	0.0013	1	0.05	0.00013	07/07/06	21:28
282138	Fe2714	0.500	U		mg/L	0.5				0.05	-0.0289	-0.0289	1	0.5	-0.00289	07/07/06	21:28
282138	La3988	0.0500	U		mg/L	0.05				0.005	-0.0207	-0.0207	1	0.05	-0.00207	07/07/06	21:28
282138	Mg2790	1.37			mg/L	0.5				0.05	1.3739	1.37	1	0.5	0.13739	07/07/06	21:28
282138	Mn2576	0.0678			mg/L	0.05				0.005	0.0678	0.0678	1	0.05	0.00678	07/07/06	21:28
282138	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0022	0.0022	1	0.05	0.00022	07/07/06	21:28
282138	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0031	-0.0031	1	0.05	-0.00031	07/07/06	21:28
282138	P_1782	0.245			mg/L	0.2				0.02	0.2448	0.245	1	0.2	0.02448	07/07/06	21:28
282138	Pd3404	0.100	U		mg/L	0.1				0.01	-0.033	-0.033	1	0.1	-0.0033	07/07/06	21:28
282138	S_1820	9.35			mg/L	0.2				0.02	9.3528	9.35	1	0.2	0.93528	07/07/06	21:28
282138	Sb2068	0.150	U		mg/L	0.15				0.015	0.0158	0.0158	1	0.15	0.00158	07/07/06	21:28
282138	Si2881	13.9			mg/L	0.2				0.02	13.8701	13.9	1	0.2	1.38701	07/07/06	21:28
282138	Pb220	0.0500	U		mg/L	0.05				0.005	0.0105	0.0105	1	0.05	0.00105	07/07/06	21:28
282138	Se196	0.0500	U		mg/L	0.05				0.005	-0.0094	-0.0094	1	0.05	-0.00094	07/07/06	21:28
282138	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0058	-0.0058	1	0.05	-0.00058	07/07/06	21:28
282138	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0332	0.0332	1	0.05	0.00332	07/07/06	21:28
282138	Th2837	0.300	U		mg/L	0.3				0.03	0.0273	0.0273	1	0.3	0.00273	07/07/06	21:28
282138	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0007	0.0007	1	0.05	0.00007	07/07/06	21:28
282138	Tl1908	0.100	U		mg/L	0.1				0.01	-0.013	-0.013	1	0.1	-0.0013	07/07/06	21:28
282138	U_4090	1.25	U		mg/L	1.25				0.125	-0.5829	-0.583	1	1.25	-0.05829	07/07/06	21:28
282138	V_2924	0.0500	U		mg/L	0.05				0.005	0.0064	0.0064	1	0.05	0.00064	07/07/06	21:28
282138	W_2079	0.100	U		mg/L	0.1				0.01	-0.0507	-0.0507	1	0.1	-0.00507	07/07/06	21:28
282138	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	21:28
282138	Zn2062	0.331			mg/L	0.05				0.005	0.3314	0.331	1	0.05	0.03314	07/07/06	21:28
282138	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	07/07/06	21:28
282138d	Ag3280	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0076	-0.0076	1	0.05	-0.00076	07/07/06	21:32
282138d	Al3082	0.500	U		mg/L	0.5	0.0%			0.05	0.427	0.427	1	0.5	0.0427	07/07/06	21:32
282138d	As1890	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0126	-0.0126	1	0.05	-0.00126	07/07/06	21:32

010153

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282138d	B_2496	0.200	U		mg/L	0.2	0.0%			0.02	0.1606	0.161	1	0.2	0.01606	07/07/06	21:32
282138d	Ba4934	0.634			mg/L	0.05	0.2%			0.005	0.6342	0.634	1	0.05	0.06342	07/07/06	21:32
282138d	Be3130	0.0500	U		mg/L	0.05	0.0%			0.005	0	0	1	0.05	0	07/07/06	21:32
282138d	Bi2230	0.100	U		mg/L	0.1	0.0%			0.01	-0.0643	-0.0643	1	0.1	-0.00643	07/07/06	21:32
282138d	Ca3179	16.5			mg/L	0.5	0.0%			0.05	16.53	16.5	1	0.5	1.653	07/07/06	21:32
282138d	Cd2265	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0036	-0.0036	1	0.05	-0.00036	07/07/06	21:32
282138d	Co2286	0.0500	U		mg/L	0.05	0.0%			0.005	0.0007	0.0007	1	0.05	0.00007	07/07/06	21:32
282138d	Cr2677	0.0500	U		mg/L	0.05	0.0%			0.005	0.0123	0.0123	1	0.05	0.00123	07/07/06	21:32
282138d	Cu3247	0.0500	U		mg/L	0.05	0.0%			0.005	0.0057	0.0057	1	0.05	0.00057	07/07/06	21:32
282138d	Fe2714	0.500	U		mg/L	0.5	0.0%			0.05	0.1027	0.103	1	0.5	0.01027	07/07/06	21:32
282138d	La3988	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0164	-0.0164	1	0.05	-0.00164	07/07/06	21:32
282138d	Mg2790	1.40			mg/L	0.5	2.2%			0.05	1.3966	1.4	1	0.5	0.13966	07/07/06	21:32
282138d	Mn2576	0.0674			mg/L	0.05	0.6%			0.005	0.0674	0.0674	1	0.05	0.00674	07/07/06	21:32
282138d	Mo2020	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0004	-0.0004	1	0.05	-0.00004	07/07/06	21:32
282138d	Ni2316	0.0500	U		mg/L	0.05	0.0%			0.005	0.0072	0.0072	1	0.05	0.00072	07/07/06	21:32
282138d	P_1782	0.277			mg/L	0.2	12.3%			0.02	0.2766	0.277	1	0.2	0.02766	07/07/06	21:32
282138d	Pd3404	0.100	U		mg/L	0.1	0.0%			0.01	-0.0174	-0.0174	1	0.1	-0.00174	07/07/06	21:32
282138d	S_1820	9.40			mg/L	0.2	0.5%			0.02	9.3981	9.4	1	0.2	0.93981	07/07/06	21:32
282138d	Sb2068	0.150	U		mg/L	0.15	0.0%			0.015	0.0582	0.0582	1	0.15	0.00582	07/07/06	21:32
282138d	Si2881	13.8			mg/L	0.2	0.7%			0.02	13.8487	13.8	1	0.2	1.38487	07/07/06	21:32
282138d	Pb220	0.0500	U		mg/L	0.05	0.0%			0.005	0.0031	0.0031	1	0.05	0.00031	07/07/06	21:32
282138d	Se196	0.0500	U		mg/L	0.05	0.0%			0.005	0.002	0.002	1	0.05	0.0002	07/07/06	21:32
282138d	Sn1899	0.0500	U		mg/L	0.05	0.0%			0.005	0.0001	0.0001	1	0.05	0.00001	07/07/06	21:32
282138d	Sr4215	0.0500	U		mg/L	0.05	0.0%			0.005	0.0334	0.0334	1	0.05	0.00334	07/07/06	21:32
282138d	Th2837	0.300	U		mg/L	0.3	0.0%			0.03	0.0515	0.0515	1	0.3	0.00515	07/07/06	21:32
282138d	Ti3349	0.0500	U		mg/L	0.05	0.0%			0.005	0.0025	0.0025	1	0.05	0.00025	07/07/06	21:32
282138d	Tl1908	0.100	U		mg/L	0.1	0.0%			0.01	0.0047	0.0047	1	0.1	0.00047	07/07/06	21:32
282138d	U_4090	1.25	U		mg/L	1.25	0.0%			0.125	-0.5457	-0.546	1	1.25	-0.05457	07/07/06	21:32
282138d	V_2924	0.0500	U		mg/L	0.05	0.0%			0.005	0.0113	0.0113	1	0.05	0.00113	07/07/06	21:32
282138d	W_2079	0.100	U		mg/L	0.1	0.0%			0.01	-0.0479	-0.0479	1	0.1	-0.00479	07/07/06	21:32
282138d	Y_3710	0.0500	U		mg/L	0.05	0.0%			0.005	0.001	0.001	1	0.05	0.0001	07/07/06	21:32
282138d	Zn2062	0.334			mg/L	0.05	0.9%			0.005	0.3336	0.334	1	0.05	0.03336	07/07/06	21:32
282138d	Zr3496	0.0500	U		mg/L	0.05	0.0%			0.005	0.0042	0.0042	1	0.05	0.00042	07/07/06	21:32
282139	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0043	0.0043	1	0.05	0.00043	07/07/06	21:37
282139	Al3082	0.500	U		mg/L	0.5				0.05	0.1409	0.141	1	0.5	0.01409	07/07/06	21:37
282139	As1890	0.0500	U		mg/L	0.05				0.005	-0.0281	-0.0281	1	0.05	-0.00281	07/07/06	21:37
282139	B_2496	0.200	U		mg/L	0.2				0.02	0.1763	0.176	1	0.2	0.01763	07/07/06	21:37
282139	Ba4934	0.652			mg/L	0.05				0.005	0.6522	0.652	1	0.05	0.06522	07/07/06	21:37
282139	Be3130	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	21:37

0101154

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282139	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0047	-0.0047	1	0.1	-0.00047	07/07/06	21:37
282139	Ca3179	15.9			mg/L	0.5				0.05	15.9378	15.9	1	0.5	1.59378	07/07/06	21:37
282139	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	21:37
282139	Co2286	0.0500	U		mg/L	0.05				0.005	0.0065	0.0065	1	0.05	0.00065	07/07/06	21:37
282139	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0054	0.0054	1	0.05	0.00054	07/07/06	21:37
282139	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0037	0.0037	1	0.05	0.00037	07/07/06	21:37
282139	Fe2714	0.500	U		mg/L	0.5				0.05	0.1703	0.17	1	0.5	0.01703	07/07/06	21:37
282139	La3988	0.0500	U		mg/L	0.05				0.005	-0.0038	-0.0038	1	0.05	-0.00038	07/07/06	21:37
282139	Mg2790	1.39			mg/L	0.5				0.05	1.3941	1.39	1	0.5	0.13941	07/07/06	21:37
282139	Mn2576	0.0514			mg/L	0.05				0.005	0.0514	0.0514	1	0.05	0.00514	07/07/06	21:37
282139	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0066	-0.0066	1	0.05	-0.00066	07/07/06	21:37
282139	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0089	0.0089	1	0.05	0.00089	07/07/06	21:37
282139	P_1782	0.215			mg/L	0.2				0.02	0.2153	0.215	1	0.2	0.02153	07/07/06	21:37
282139	Pd3404	0.100	U		mg/L	0.1				0.01	0.0122	0.0122	1	0.1	0.00122	07/07/06	21:37
282139	S_1820	9.45			mg/L	0.2				0.02	9.4454	9.45	1	0.2	0.94454	07/07/06	21:37
282139	Sb2068	0.150	U		mg/L	0.15				0.015	0.0104	0.0104	1	0.15	0.00104	07/07/06	21:37
282139	Si2881	13.7			mg/L	0.2				0.02	13.6779	13.7	1	0.2	1.36779	07/07/06	21:37
282139	Pb220	0.0500	U		mg/L	0.05				0.005	0.0156	0.0156	1	0.05	0.00156	07/07/06	21:37
282139	Se196	0.0500	U		mg/L	0.05				0.005	0.0112	0.0112	1	0.05	0.00112	07/07/06	21:37
282139	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0071	0.0071	1	0.05	0.00071	07/07/06	21:37
282139	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0328	0.0328	1	0.05	0.00328	07/07/06	21:37
282139	Th2837	0.300	U		mg/L	0.3				0.03	0.0349	0.0349	1	0.3	0.00349	07/07/06	21:37
282139	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0016	0.0016	1	0.05	0.00016	07/07/06	21:37
282139	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0131	-0.0131	1	0.1	-0.00131	07/07/06	21:37
282139	U_4090	1.25	U		mg/L	1.25				0.125	0.0235	0.0235	1	1.25	0.00235	07/07/06	21:37
282139	V_2924	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	07/07/06	21:37
282139	W_2079	0.100	U		mg/L	0.1				0.01	-0.0181	-0.0181	1	0.1	-0.00181	07/07/06	21:37
282139	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	21:37
282139	Zn2062	0.354			mg/L	0.05				0.005	0.3539	0.354	1	0.05	0.03539	07/07/06	21:37
282139	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0063	0.0063	1	0.05	0.00063	07/07/06	21:37
282139s	Ag3280	0.468			mg/L	0.05		93.6%	0.5	0.005	0.4676	0.468	1	0.05	0.04676	07/07/06	21:42
282139s	Al3082	19.3			mg/L	0.5		96.5%	20	0.05	19.2644	19.3	1	0.5	1.92644	07/07/06	21:42
282139s	As1890	19.7			mg/L	0.05		98.5%	20	0.005	19.7079	19.7	1	0.05	1.97079	07/07/06	21:42
282139s	B_2496	0.200	U	#DIV/0!	mg/L	0.2		#DIV/0!	0	0.02	0.1542	0.154	1	0.2	0.01542	07/07/06	21:42
282139s	Ba4934	20.6			mg/L	0.05		99.7%	20	0.005	20.5643	20.6	1	0.05	2.05643	07/07/06	21:42
282139s	Be3130	0.487			mg/L	0.05		97.4%	0.5	0.005	0.4874	0.487	1	0.05	0.04874	07/07/06	21:42
282139s	Bi2230	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	-0.0444	-0.0444	1	0.1	-0.00444	07/07/06	21:42
282139s	Ca3179	218			mg/L	0.5		101.1%	200	0.05	217.7719	218	1	0.5	21.77719	07/07/06	21:42
282139s	Cd2265	0.478			mg/L	0.05		95.6%	0.5	0.005	0.4779	0.478	1	0.05	0.04779	07/07/06	21:42

010155

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282139s	Co2286	4.89			mg/L	0.05		97.8%	5	0.005	4.8939	4.89	1	0.05	0.48939	07/07/06	21:42
282139s	Cr2677	1.90			mg/L	0.05		95.0%	2	0.005	1.9043	1.9	1	0.05	0.19043	07/07/06	21:42
282139s	Cu3247	2.42			mg/L	0.05		96.8%	2.5	0.005	2.4169	2.42	1	0.05	0.24169	07/07/06	21:42
282139s	Fe2714	10.9			mg/L	0.5		109.0%	10	0.05	10.9425	10.9	1	0.5	1.09425	07/07/06	21:42
282139s	La3988	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0296	-0.0296	1	0.05	-0.00296	07/07/06	21:42
282139s	Mg2790	202			mg/L	0.5		100.3%	200	0.05	202.194	202	1	0.5	20.2194	07/07/06	21:42
282139s	Mn2576	4.93			mg/L	0.05		97.6%	5	0.005	4.9299	4.93	1	0.05	0.49299	07/07/06	21:42
282139s	Mo2020	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0085	-0.0085	1	0.05	-0.00085	07/07/06	21:42
282139s	Ni2316	4.77			mg/L	0.05		95.4%	5	0.005	4.7668	4.77	1	0.05	0.47668	07/07/06	21:42
282139s	P_1782	40.4			mg/L	0.2		100.5%	40	0.02	40.4263	40.4	1	0.2	4.04263	07/07/06	21:42
282139s	Pd3404	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	-0.0482	-0.0482	1	0.1	-0.00482	07/07/06	21:42
282139s	S_1820	9.52		#DIV/0!	mg/L	0.2		#DIV/0!	0	0.02	9.5195	9.52	1	0.2	0.95195	07/07/06	21:42
282139s	Sb2068	4.86			mg/L	0.15		97.2%	5	0.015	4.8601	4.86	1	0.15	0.48601	07/07/06	21:42
282139s	Si2881	53.8			mg/L	0.2		100.3%	40	0.02	53.8329	53.8	1	0.2	5.38329	07/07/06	21:42
282139s	Pb220	4.76			mg/L	0.05		95.2%	5	0.005	4.7647	4.76	1	0.05	0.47647	07/07/06	21:42
282139s	Se196	20.1			mg/L	0.05		100.5%	20	0.005	20.078	20.1	1	0.05	2.0078	07/07/06	21:42
282139s	Sn1899	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0126	-0.0126	1	0.05	-0.00126	07/07/06	21:42
282139s	Sr4215	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.038	0.038	1	0.05	0.0038	07/07/06	21:42
282139s	Th2837	0.300	U	#DIV/0!	mg/L	0.3		#DIV/0!	0	0.03	-0.1782	-0.178	1	0.3	-0.01782	07/07/06	21:42
282139s	Ti3349	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0008	-0.0008	1	0.05	-0.00008	07/07/06	21:42
282139s	Tl1908	20.2			mg/L	0.1		101.0%	20	0.01	20.1845	20.2	1	0.1	2.01845	07/07/06	21:42
282139s	U_4090	1.25	U	#DIV/0!	mg/L	1.25		#DIV/0!	0	0.125	-0.9961	-0.996	1	1.25	-0.09961	07/07/06	21:42
282139s	V_2924	4.79			mg/L	0.05		95.8%	5	0.005	4.7891	4.79	1	0.05	0.47891	07/07/06	21:42
282139s	W_2079	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	-0.0453	-0.0453	1	0.1	-0.00453	07/07/06	21:42
282139s	Y_3710	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0033	-0.0033	1	0.05	-0.00033	07/07/06	21:42
282139s	Zn2062	5.20			mg/L	0.05		96.9%	5	0.005	5.1979	5.2	1	0.05	0.51979	07/07/06	21:42
282139s	Zr3496	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0078	-0.0078	1	0.05	-0.00078	07/07/06	21:42
282140	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0053	0.0053	1	0.05	0.00053	07/07/06	21:47
282140	Al3082	0.500	U		mg/L	0.5				0.05	0.1295	0.13	1	0.5	0.01295	07/07/06	21:47
282140	As1890	0.0500	U		mg/L	0.05				0.005	-0.0033	-0.0033	1	0.05	-0.00033	07/07/06	21:47
282140	B_2496	0.200	U		mg/L	0.2				0.02	0.1144	0.114	1	0.2	0.01144	07/07/06	21:47
282140	Ba4934	0.536			mg/L	0.05				0.005	0.5358	0.536	1	0.05	0.05358	07/07/06	21:47
282140	Be3130	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	21:47
282140	Bi2230	0.100	U		mg/L	0.1				0.01	0.0071	0.0071	1	0.1	0.00071	07/07/06	21:47
282140	Ca3179	15.3			mg/L	0.5				0.05	15.2882	15.3	1	0.5	1.52882	07/07/06	21:47
282140	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0018	0.0018	1	0.05	0.00018	07/07/06	21:47
282140	Co2286	0.0500	U		mg/L	0.05				0.005	0.0091	0.0091	1	0.05	0.00091	07/07/06	21:47
282140	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0158	0.0158	1	0.05	0.00158	07/07/06	21:47
282140	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0064	0.0064	1	0.05	0.00064	07/07/06	21:47

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282140	Fe2714	0.500	U		mg/L	0.5				0.05	0.483	0.483	1	0.5	0.0483	07/07/06	21:47
282140	La3988	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	21:47
282140	Mg2790	1.36			mg/L	0.5				0.05	1.3552	1.36	1	0.5	0.13552	07/07/06	21:47
282140	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0289	0.0289	1	0.05	0.00289	07/07/06	21:47
282140	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	07/07/06	21:47
282140	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0023	0.0023	1	0.05	0.00023	07/07/06	21:47
282140	P_1782	0.247			mg/L	0.2				0.02	0.2465	0.247	1	0.2	0.02465	07/07/06	21:47
282140	Pd3404	0.100	U		mg/L	0.1				0.01	0.0213	0.0213	1	0.1	0.00213	07/07/06	21:47
282140	S_1820	9.39			mg/L	0.2				0.02	9.3943	9.39	1	0.2	0.93943	07/07/06	21:47
282140	Sb2068	0.150	U		mg/L	0.15				0.015	0.064	0.064	1	0.15	0.0064	07/07/06	21:47
282140	Si2881	13.3			mg/L	0.2				0.02	13.256	13.3	1	0.2	1.3256	07/07/06	21:47
282140	Pb220	0.0500	U		mg/L	0.05				0.005	0.0147	0.0147	1	0.05	0.00147	07/07/06	21:47
282140	Se196	0.0500	U		mg/L	0.05				0.005	-0.0038	-0.0038	1	0.05	-0.00038	07/07/06	21:47
282140	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	21:47
282140	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0311	0.0311	1	0.05	0.00311	07/07/06	21:47
282140	Th2837	0.300	U		mg/L	0.3				0.03	0.062	0.062	1	0.3	0.0062	07/07/06	21:47
282140	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0033	0.0033	1	0.05	0.00033	07/07/06	21:47
282140	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0182	-0.0182	1	0.1	-0.00182	07/07/06	21:47
282140	U_4090	1.25	U		mg/L	1.25				0.125	0.1403	0.14	1	1.25	0.01403	07/07/06	21:47
282140	V_2924	0.0500	U		mg/L	0.05				0.005	0.0147	0.0147	1	0.05	0.00147	07/07/06	21:47
282140	W_2079	0.100	U		mg/L	0.1				0.01	-0.0024	-0.0024	1	0.1	-0.00024	07/07/06	21:47
282140	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0018	0.0018	1	0.05	0.00018	07/07/06	21:47
282140	Zn2062	0.137			mg/L	0.05				0.005	0.1368	0.137	1	0.05	0.01368	07/07/06	21:47
282140	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0104	0.0104	1	0.05	0.00104	07/07/06	21:47
282141	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.007	-0.007	1	0.05	-0.0007	07/07/06	21:52
282141	Al3082	0.500	U		mg/L	0.5				0.05	0.0402	0.0402	1	0.5	0.00402	07/07/06	21:52
282141	As1890	0.0500	U		mg/L	0.05				0.005	-0.0195	-0.0195	1	0.05	-0.00195	07/07/06	21:52
282141	B_2496	0.200	U		mg/L	0.2				0.02	0.0899	0.0899	1	0.2	0.00899	07/07/06	21:52
282141	Ba4934	0.506			mg/L	0.05				0.005	0.5062	0.506	1	0.05	0.05062	07/07/06	21:52
282141	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	21:52
282141	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0473	-0.0473	1	0.1	-0.00473	07/07/06	21:52
282141	Ca3179	15.4			mg/L	0.5				0.05	15.4333	15.4	1	0.5	1.54333	07/07/06	21:52
282141	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	07/07/06	21:52
282141	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0041	-0.0041	1	0.05	-0.00041	07/07/06	21:52
282141	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0057	-0.0057	1	0.05	-0.00057	07/07/06	21:52
282141	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0034	-0.0034	1	0.05	-0.00034	07/07/06	21:52
282141	Fe2714	0.500	U		mg/L	0.5				0.05	0.0435	0.0435	1	0.5	0.00435	07/07/06	21:52
282141	La3988	0.0500	U		mg/L	0.05				0.005	-0.0164	-0.0164	1	0.05	-0.00164	07/07/06	21:52
282141	Mg2790	1.22			mg/L	0.5				0.05	1.2164	1.22	1	0.5	0.12164	07/07/06	21:52

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282141	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0177	0.0177	1	0.05	0.00177	07/07/06	21:52
282141	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0058	-0.0058	1	0.05	-0.00058	07/07/06	21:52
282141	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0065	-0.0065	1	0.05	-0.00065	07/07/06	21:52
282141	P_1782	0.233			mg/L	0.2				0.02	0.233	0.233	1	0.2	0.0233	07/07/06	21:52
282141	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0114	-0.0114	1	0.1	-0.00114	07/07/06	21:52
282141	S_1820	9.55			mg/L	0.2				0.02	9.5456	9.55	1	0.2	0.95456	07/07/06	21:52
282141	Sb2068	0.150	U		mg/L	0.15				0.015	0.0137	0.0137	1	0.15	0.00137	07/07/06	21:52
282141	Si2881	13.0			mg/L	0.2				0.02	13.0014	13	1	0.2	1.30014	07/07/06	21:52
282141	Pb220	0.0500	U		mg/L	0.05				0.005	0.0067	0.0067	1	0.05	0.00067	07/07/06	21:52
282141	Se196	0.0500	U		mg/L	0.05				0.005	0.0043	0.0043	1	0.05	0.00043	07/07/06	21:52
282141	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0051	0.0051	1	0.05	0.00051	07/07/06	21:52
282141	Sr4215	0.0500	U		mg/L	0.05				0.005	0.03	0.03	1	0.05	0.003	07/07/06	21:52
282141	Th2837	0.300	U		mg/L	0.3				0.03	0.0254	0.0254	1	0.3	0.00254	07/07/06	21:52
282141	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0008	-0.0008	1	0.05	-0.00008	07/07/06	21:52
282141	Tl1908	0.100	U		mg/L	0.1				0.01	0.0037	0.0037	1	0.1	0.00037	07/07/06	21:52
282141	U_4090	1.25	U		mg/L	1.25				0.125	-0.5244	-0.524	1	1.25	-0.05244	07/07/06	21:52
282141	V_2924	0.0500	U		mg/L	0.05				0.005	0.0017	0.0017	1	0.05	0.00017	07/07/06	21:52
282141	W_2079	0.100	U		mg/L	0.1				0.01	-0.0402	-0.0402	1	0.1	-0.00402	07/07/06	21:52
282141	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0012	-0.0012	1	0.05	-0.00012	07/07/06	21:52
282141	Zn2062	0.0771			mg/L	0.05				0.005	0.0771	0.0771	1	0.05	0.00771	07/07/06	21:52
282141	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0051	-0.0051	1	0.05	-0.00051	07/07/06	21:52
282142	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0154	-0.0154	1	0.05	-0.00154	07/07/06	21:56
282142	Al3082	0.500	U		mg/L	0.5				0.05	-0.0206	-0.0206	1	0.5	-0.00206	07/07/06	21:56
282142	As1890	0.0500	U		mg/L	0.05				0.005	-0.0022	-0.0022	1	0.05	-0.00022	07/07/06	21:56
282142	B_2496	0.200	U		mg/L	0.2				0.02	0.0909	0.0909	1	0.2	0.00909	07/07/06	21:56
282142	Ba4934	0.535			mg/L	0.05				0.005	0.535	0.535	1	0.05	0.0535	07/07/06	21:56
282142	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0006	-0.0006	1	0.05	-0.00006	07/07/06	21:56
282142	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0564	-0.0564	1	0.1	-0.00564	07/07/06	21:56
282142	Ca3179	14.8			mg/L	0.5				0.05	14.7626	14.8	1	0.5	1.47626	07/07/06	21:56
282142	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0038	-0.0038	1	0.05	-0.00038	07/07/06	21:56
282142	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0028	-0.0028	1	0.05	-0.00028	07/07/06	21:56
282142	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	07/07/06	21:56
282142	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	21:56
282142	Fe2714	0.500	U		mg/L	0.5				0.05	-0.1729	-0.173	1	0.5	-0.01729	07/07/06	21:56
282142	La3988	0.0500	U		mg/L	0.05				0.005	-0.0263	-0.0263	1	0.05	-0.00263	07/07/06	21:56
282142	Mg2790	1.09			mg/L	0.5				0.05	1.0906	1.09	1	0.5	0.10906	07/07/06	21:56
282142	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0134	0.0134	1	0.05	0.00134	07/07/06	21:56
282142	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0004	-0.0004	1	0.05	-0.00004	07/07/06	21:56
282142	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	21:56

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282142	P_1782	0.200	U		mg/L	0.2				0.02	0.1804	0.18	1	0.2	0.01804	07/07/06	21:56
282142	Pd3404	0.100	U		mg/L	0.1				0.01	-0.07	-0.07	1	0.1	-0.007	07/07/06	21:56
282142	S_1820	9.41			mg/L	0.2				0.02	9.4131	9.41	1	0.2	0.94131	07/07/06	21:56
282142	Sb2068	0.150	U		mg/L	0.15				0.015	0.0105	0.0105	1	0.15	0.00105	07/07/06	21:56
282142	Si2881	12.8			mg/L	0.2				0.02	12.8307	12.8	1	0.2	1.28307	07/07/06	21:56
282142	Pb220	0.0500	U		mg/L	0.05				0.005	0.0121	0.0121	1	0.05	0.00121	07/07/06	21:56
282142	Se196	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	21:56
282142	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0035	0.0035	1	0.05	0.00035	07/07/06	21:56
282142	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0289	0.0289	1	0.05	0.00289	07/07/06	21:56
282142	Th2837	0.300	U		mg/L	0.3				0.03	0.0294	0.0294	1	0.3	0.00294	07/07/06	21:56
282142	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0002	0.0002	1	0.05	0.00002	07/07/06	21:56
282142	Tl1908	0.100	U		mg/L	0.1				0.01	0.005	0.005	1	0.1	0.0005	07/07/06	21:56
282142	U_4090	1.25	U		mg/L	1.25				0.125	-0.8307	-0.831	1	1.25	-0.08307	07/07/06	21:56
282142	V_2924	0.0500	U		mg/L	0.05				0.005	0.0024	0.0024	1	0.05	0.00024	07/07/06	21:56
282142	W_2079	0.100	U		mg/L	0.1				0.01	-0.0335	-0.0335	1	0.1	-0.00335	07/07/06	21:56
282142	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	21:56
282142	Zn2062	0.0647			mg/L	0.05				0.005	0.0647	0.0647	1	0.05	0.00647	07/07/06	21:56
282142	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0062	-0.0062	1	0.05	-0.00062	07/07/06	21:56
282143	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0073	-0.0073	1	0.05	-0.00073	07/07/06	22:01
282143	Al3082	0.500	U		mg/L	0.5				0.05	0.0772	0.0772	1	0.5	0.00772	07/07/06	22:01
282143	As1890	0.0500	U		mg/L	0.05				0.005	-0.0086	-0.0086	1	0.05	-0.00086	07/07/06	22:01
282143	B_2496	0.200	U		mg/L	0.2				0.02	0.0908	0.0908	1	0.2	0.00908	07/07/06	22:01
282143	Ba4934	0.517			mg/L	0.05				0.005	0.5174	0.517	1	0.05	0.05174	07/07/06	22:01
282143	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	22:01
282143	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0584	-0.0584	1	0.1	-0.00584	07/07/06	22:01
282143	Ca3179	14.7			mg/L	0.5				0.05	14.6872	14.7	1	0.5	1.46872	07/07/06	22:01
282143	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0047	-0.0047	1	0.05	-0.00047	07/07/06	22:01
282143	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0036	-0.0036	1	0.05	-0.00036	07/07/06	22:01
282143	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0022	-0.0022	1	0.05	-0.00022	07/07/06	22:01
282143	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0035	-0.0035	1	0.05	-0.00035	07/07/06	22:01
282143	Fe2714	0.500	U		mg/L	0.5				0.05	-0.0059	-0.0059	1	0.5	-0.00059	07/07/06	22:01
282143	La3988	0.0500	U		mg/L	0.05				0.005	-0.0157	-0.0157	1	0.05	-0.00157	07/07/06	22:01
282143	Mg2790	1.15			mg/L	0.5				0.05	1.1529	1.15	1	0.5	0.11529	07/07/06	22:01
282143	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0076	0.0076	1	0.05	0.00076	07/07/06	22:01
282143	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	07/07/06	22:01
282143	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0101	0.0101	1	0.05	0.00101	07/07/06	22:01
282143	P_1782	0.200	U		mg/L	0.2				0.02	0.1906	0.191	1	0.2	0.01906	07/07/06	22:01
282143	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0316	-0.0316	1	0.1	-0.00316	07/07/06	22:01
282143	S_1820	9.54			mg/L	0.2				0.02	9.5405	9.54	1	0.2	0.95405	07/07/06	22:01

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282143	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0066	-0.0066	1	0.15	-0.00066	07/07/06	22:01
282143	Si2881	12.7			mg/L	0.2				0.02	12.7374	12.7	1	0.2	1.27374	07/07/06	22:01
282143	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0023	-0.0023	1	0.05	-0.00023	07/07/06	22:01
282143	Se196	0.0500	U		mg/L	0.05				0.005	0.0223	0.0223	1	0.05	0.00223	07/07/06	22:01
282143	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0055	0.0055	1	0.05	0.00055	07/07/06	22:01
282143	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0287	0.0287	1	0.05	0.00287	07/07/06	22:01
282143	Th2837	0.300	U		mg/L	0.3				0.03	0.037	0.037	1	0.3	0.0037	07/07/06	22:01
282143	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	22:01
282143	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0086	-0.0086	1	0.1	-0.00086	07/07/06	22:01
282143	U_4090	1.25	U		mg/L	1.25				0.125	-0.4792	-0.479	1	1.25	-0.04792	07/07/06	22:01
282143	V_2924	0.0500	U		mg/L	0.05				0.005	0.003	0.003	1	0.05	0.0003	07/07/06	22:01
282143	W_2079	0.100	U		mg/L	0.1				0.01	-0.0259	-0.0259	1	0.1	-0.00259	07/07/06	22:01
282143	Y_3710	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	22:01
282143	Zn2062	0.0521			mg/L	0.05				0.005	0.0521	0.0521	1	0.05	0.00521	07/07/06	22:01
282143	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0017	0.0017	1	0.05	0.00017	07/07/06	22:01
282144	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0092	-0.0092	1	0.05	-0.00092	07/07/06	22:15
282144	Al3082	0.500	U		mg/L	0.5				0.05	0.2289	0.229	1	0.5	0.02289	07/07/06	22:15
282144	As1890	0.0500	U		mg/L	0.05				0.005	-0.0023	-0.0023	1	0.05	-0.00023	07/07/06	22:15
282144	B_2496	0.200	U		mg/L	0.2				0.02	0.1246	0.125	1	0.2	0.01246	07/07/06	22:15
282144	Ba4934	0.499			mg/L	0.05				0.005	0.4992	0.499	1	0.05	0.04992	07/07/06	22:15
282144	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	22:15
282144	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0607	-0.0607	1	0.1	-0.00607	07/07/06	22:15
282144	Ca3179	14.6			mg/L	0.5				0.05	14.6268	14.6	1	0.5	1.46268	07/07/06	22:15
282144	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0037	-0.0037	1	0.05	-0.00037	07/07/06	22:15
282144	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0043	-0.0043	1	0.05	-0.00043	07/07/06	22:15
282144	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0076	0.0076	1	0.05	0.00076	07/07/06	22:15
282144	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	22:15
282144	Fe2714	0.500	U		mg/L	0.5				0.05	0.0539	0.0539	1	0.5	0.00539	07/07/06	22:15
282144	La3988	0.0500	U		mg/L	0.05				0.005	-0.0203	-0.0203	1	0.05	-0.00203	07/07/06	22:15
282144	Mg2790	1.12			mg/L	0.5				0.05	1.1165	1.12	1	0.5	0.11165	07/07/06	22:15
282144	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0066	0.0066	1	0.05	0.00066	07/07/06	22:15
282144	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	22:15
282144	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0054	0.0054	1	0.05	0.00054	07/07/06	22:15
282144	P_1782	0.200	U		mg/L	0.2				0.02	0.1998	0.2	1	0.2	0.01998	07/07/06	22:15
282144	Pd3404	0.100	U		mg/L	0.1				0.01	-0.03	-0.03	1	0.1	-0.003	07/07/06	22:15
282144	S_1820	9.46			mg/L	0.2				0.02	9.4646	9.46	1	0.2	0.94646	07/07/06	22:15
282144	Sb2068	0.150	U		mg/L	0.15				0.015	0.0493	0.0493	1	0.15	0.00493	07/07/06	22:15
282144	Si2881	12.7			mg/L	0.2				0.02	12.6976	12.7	1	0.2	1.26976	07/07/06	22:15
282144	Pb220	0.0500	U		mg/L	0.05				0.005	0.0041	0.0041	1	0.05	0.00041	07/07/06	22:15

010160

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282144	Se196	0.0500	U		mg/L	0.05				0.005	0.0079	0.0079	1	0.05	0.00079	07/07/06	22:15
282144	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0052	0.0052	1	0.05	0.00052	07/07/06	22:15
282144	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0284	0.0284	1	0.05	0.00284	07/07/06	22:15
282144	Th2837	0.300	U		mg/L	0.3				0.03	0.0571	0.0571	1	0.3	0.00571	07/07/06	22:15
282144	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0032	0.0032	1	0.05	0.00032	07/07/06	22:15
282144	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0125	-0.0125	1	0.1	-0.00125	07/07/06	22:15
282144	U_4090	1.25	U		mg/L	1.25				0.125	-0.7108	-0.711	1	1.25	-0.07108	07/07/06	22:15
282144	V_2924	0.0500	U		mg/L	0.05				0.005	0.0113	0.0113	1	0.05	0.00113	07/07/06	22:15
282144	W_2079	0.100	U		mg/L	0.1				0.01	-0.0587	-0.0587	1	0.1	-0.00587	07/07/06	22:15
282144	Y_3710	0.0500	U		mg/L	0.05				0.005	0.001	0.001	1	0.05	0.0001	07/07/06	22:15
282144	Zn2062	0.0522			mg/L	0.05				0.005	0.0522	0.0522	1	0.05	0.00522	07/07/06	22:15
282144	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0027	0.0027	1	0.05	0.00027	07/07/06	22:15
282145	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0061	-0.0061	1	0.05	-0.00061	07/07/06	22:20
282145	Al3082	0.500			mg/L	0.5				0.05	0.5002	0.5	1	0.5	0.05002	07/07/06	22:20
282145	As1890	0.0500	U		mg/L	0.05				0.005	-0.0064	-0.0064	1	0.05	-0.00064	07/07/06	22:20
282145	B_2496	0.200	U		mg/L	0.2				0.02	0.1274	0.127	1	0.2	0.01274	07/07/06	22:20
282145	Ba4934	0.509			mg/L	0.05				0.005	0.5094	0.509	1	0.05	0.05094	07/07/06	22:20
282145	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	22:20
282145	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0136	-0.0136	1	0.1	-0.00136	07/07/06	22:20
282145	Ca3179	6.64			mg/L	0.5				0.05	6.6421	6.64	1	0.5	0.66421	07/07/06	22:20
282145	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	07/07/06	22:20
282145	Co2286	0.0500	U		mg/L	0.05				0.005	0.0022	0.0022	1	0.05	0.00022	07/07/06	22:20
282145	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0074	0.0074	1	0.05	0.00074	07/07/06	22:20
282145	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0006	0.0006	1	0.05	0.00006	07/07/06	22:20
282145	Fe2714	0.500	U		mg/L	0.5				0.05	0.1897	0.19	1	0.5	0.01897	07/07/06	22:20
282145	La3988	0.0500	U		mg/L	0.05				0.005	-0.0149	-0.0149	1	0.05	-0.00149	07/07/06	22:20
282145	Mg2790	0.712			mg/L	0.5				0.05	0.7122	0.712	1	0.5	0.07122	07/07/06	22:20
282145	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0035	0.0035	1	0.05	0.00035	07/07/06	22:20
282145	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	22:20
282145	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0052	-0.0052	1	0.05	-0.00052	07/07/06	22:20
282145	P_1782	0.200	U		mg/L	0.2				0.02	0.0211	0.0211	1	0.2	0.00211	07/07/06	22:20
282145	Pd3404	0.100	U		mg/L	0.1				0.01	-0.003	-0.003	1	0.1	-0.0003	07/07/06	22:20
282145	S_1820	9.26			mg/L	0.2				0.02	9.2611	9.26	1	0.2	0.92611	07/07/06	22:20
282145	Sb2068	0.150	U		mg/L	0.15				0.015	0.0089	0.0089	1	0.15	0.00089	07/07/06	22:20
282145	Si2881	12.9			mg/L	0.2				0.02	12.9254	12.9	1	0.2	1.29254	07/07/06	22:20
282145	Pb220	0.0500	U		mg/L	0.05				0.005	0.0072	0.0072	1	0.05	0.00072	07/07/06	22:20
282145	Se196	0.0500	U		mg/L	0.05				0.005	0.0056	0.0056	1	0.05	0.00056	07/07/06	22:20
282145	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0021	-0.0021	1	0.05	-0.00021	07/07/06	22:20
282145	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0169	0.0169	1	0.05	0.00169	07/07/06	22:20

C10191

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282145	Th2837	0.300	U		mg/L	0.3				0.03	0.0301	0.0301	1	0.3	0.00301	07/07/06	22:20
282145	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0043	0.0043	1	0.05	0.00043	07/07/06	22:20
282145	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0083	-0.0083	1	0.1	-0.00083	07/07/06	22:20
282145	U_4090	1.25	U		mg/L	1.25				0.125	-0.46	-0.46	1	1.25	-0.046	07/07/06	22:20
282145	V_2924	0.0500	U		mg/L	0.05				0.005	0.0107	0.0107	1	0.05	0.00107	07/07/06	22:20
282145	W_2079	0.100	U		mg/L	0.1				0.01	-0.0372	-0.0372	1	0.1	-0.00372	07/07/06	22:20
282145	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0003	0.0003	1	0.05	0.00003	07/07/06	22:20
282145	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0344	0.0344	1	0.05	0.00344	07/07/06	22:20
282145	Zr3496	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	22:20
282146	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0087	-0.0087	1	0.05	-0.00087	07/07/06	22:25
282146	Al3082	0.500	U		mg/L	0.5				0.05	0.2397	0.24	1	0.5	0.02397	07/07/06	22:25
282146	As1890	0.0500	U		mg/L	0.05				0.005	-0.0218	-0.0218	1	0.05	-0.00218	07/07/06	22:25
282146	B_2496	0.200	U		mg/L	0.2				0.02	0.1243	0.124	1	0.2	0.01243	07/07/06	22:25
282146	Ba4934	0.536			mg/L	0.05				0.005	0.536	0.536	1	0.05	0.0536	07/07/06	22:25
282146	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0004	-0.0004	1	0.05	-0.00004	07/07/06	22:25
282146	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0613	-0.0613	1	0.1	-0.00613	07/07/06	22:25
282146	Ca3179	6.33			mg/L	0.5				0.05	6.3295	6.33	1	0.5	0.63295	07/07/06	22:25
282146	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	07/07/06	22:25
282146	Co2286	0.0500	U		mg/L	0.05				0.005	0.0055	0.0055	1	0.05	0.00055	07/07/06	22:25
282146	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	07/07/06	22:25
282146	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0047	0.0047	1	0.05	0.00047	07/07/06	22:25
282146	Fe2714	0.500	U		mg/L	0.5				0.05	-0.1256	-0.126	1	0.5	-0.01256	07/07/06	22:25
282146	La3988	0.0500	U		mg/L	0.05				0.005	-0.0148	-0.0148	1	0.05	-0.00148	07/07/06	22:25
282146	Mg2790	0.641			mg/L	0.5				0.05	0.6407	0.641	1	0.5	0.06407	07/07/06	22:25
282146	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0023	0.0023	1	0.05	0.00023	07/07/06	22:25
282146	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0025	0.0025	1	0.05	0.00025	07/07/06	22:25
282146	Ni2316	0.0500	U		mg/L	0.05				0.005	0.007	0.007	1	0.05	0.0007	07/07/06	22:25
282146	P_1782	0.200	U		mg/L	0.2				0.02	-0.0166	-0.0166	1	0.2	-0.00166	07/07/06	22:25
282146	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0642	-0.0642	1	0.1	-0.00642	07/07/06	22:25
282146	S_1820	9.18			mg/L	0.2				0.02	9.1762	9.18	1	0.2	0.91762	07/07/06	22:25
282146	Sb2068	0.150	U		mg/L	0.15				0.015	0.0638	0.0638	1	0.15	0.00638	07/07/06	22:25
282146	Si2881	12.9			mg/L	0.2				0.02	12.9298	12.9	1	0.2	1.29298	07/07/06	22:25
282146	Pb220	0.0500	U		mg/L	0.05				0.005	0.0011	0.0011	1	0.05	0.00011	07/07/06	22:25
282146	Se196	0.0500	U		mg/L	0.05				0.005	-0.0011	-0.0011	1	0.05	-0.00011	07/07/06	22:25
282146	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.012	-0.012	1	0.05	-0.0012	07/07/06	22:25
282146	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0169	0.0169	1	0.05	0.00169	07/07/06	22:25
282146	Th2837	0.300	U		mg/L	0.3				0.03	0.0356	0.0356	1	0.3	0.00356	07/07/06	22:25
282146	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0041	0.0041	1	0.05	0.00041	07/07/06	22:25
282146	Tl1908	0.100	U		mg/L	0.1				0.01	-0.005	-0.005	1	0.1	-0.0005	07/07/06	22:25

010162

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282146	U_4090	1.25	U		mg/L	1.25				0.125	-0.447	-0.447	1	1.25	-0.0447	07/07/06	22:25
282146	V_2924	0.0500	U		mg/L	0.05				0.005	0.0052	0.0052	1	0.05	0.00052	07/07/06	22:25
282146	W_2079	0.100	U		mg/L	0.1				0.01	-0.0435	-0.0435	1	0.1	-0.00435	07/07/06	22:25
282146	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	07/07/06	22:25
282146	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0142	0.0142	1	0.05	0.00142	07/07/06	22:25
282146	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	22:25
282147	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0068	-0.0068	1	0.05	-0.00068	07/07/06	22:30
282147	Al3082	0.694			mg/L	0.5				0.05	0.6936	0.694	1	0.5	0.06936	07/07/06	22:30
282147	As1890	0.0500	U		mg/L	0.05				0.005	-0.013	-0.013	1	0.05	-0.0013	07/07/06	22:30
282147	B_2496	0.284			mg/L	0.2				0.02	0.284	0.284	1	0.2	0.0284	07/07/06	22:30
282147	Ba4934	0.560			mg/L	0.05				0.005	0.56	0.56	1	0.05	0.056	07/07/06	22:30
282147	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	22:30
282147	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0167	-0.0167	1	0.1	-0.00167	07/07/06	22:30
282147	Ca3179	4.52			mg/L	0.5				0.05	4.518	4.52	1	0.5	0.4518	07/07/06	22:30
282147	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0022	-0.0022	1	0.05	-0.00022	07/07/06	22:30
282147	Co2286	0.0500	U		mg/L	0.05				0.005	0.0084	0.0084	1	0.05	0.00084	07/07/06	22:30
282147	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0075	0.0075	1	0.05	0.00075	07/07/06	22:30
282147	Cu3247	0.0659			mg/L	0.05				0.005	0.0659	0.0659	1	0.05	0.00659	07/07/06	22:30
282147	Fe2714	0.500	U		mg/L	0.5				0.05	0.2066	0.207	1	0.5	0.02066	07/07/06	22:30
282147	La3988	0.0500	U		mg/L	0.05				0.005	-0.0148	-0.0148	1	0.05	-0.00148	07/07/06	22:30
282147	Mg2790	0.500	U		mg/L	0.5				0.05	0.4282	0.428	1	0.5	0.04282	07/07/06	22:30
282147	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	07/07/06	22:30
282147	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0002	0.0002	1	0.05	0.00002	07/07/06	22:30
282147	Ni2316	1.99			mg/L	0.05				0.005	1.9921	1.99	1	0.05	0.19921	07/07/06	22:30
282147	P_1782	0.200	U		mg/L	0.2				0.02	-0.0012	-0.0012	1	0.2	-0.00012	07/07/06	22:30
282147	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0305	-0.0305	1	0.1	-0.00305	07/07/06	22:30
282147	S_1820	9.16			mg/L	0.2				0.02	9.159	9.16	1	0.2	0.9159	07/07/06	22:30
282147	Sb2068	0.150	U		mg/L	0.15				0.015	0.013	0.013	1	0.15	0.0013	07/07/06	22:30
282147	Si2881	16.1			mg/L	0.2				0.02	16.0873	16.1	1	0.2	1.60873	07/07/06	22:30
282147	Pb220	0.0500	U		mg/L	0.05				0.005	0.0326	0.0326	1	0.05	0.00326	07/07/06	22:30
282147	Se196	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	22:30
282147	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0144	-0.0144	1	0.05	-0.00144	07/07/06	22:30
282147	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0154	0.0154	1	0.05	0.00154	07/07/06	22:30
282147	Th2837	0.300	U		mg/L	0.3				0.03	0.0583	0.0583	1	0.3	0.00583	07/07/06	22:30
282147	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0144	0.0144	1	0.05	0.00144	07/07/06	22:30
282147	Tl1908	0.100	U		mg/L	0.1				0.01	0.0009	0.0009	1	0.1	0.00009	07/07/06	22:30
282147	U_4090	1.25	U		mg/L	1.25				0.125	-0.5312	-0.531	1	1.25	-0.05312	07/07/06	22:30
282147	V_2924	0.0500	U		mg/L	0.05				0.005	0.0106	0.0106	1	0.05	0.00106	07/07/06	22:30
282147	W_2079	0.100	U		mg/L	0.1				0.01	-0.0041	-0.0041	1	0.1	-0.00041	07/07/06	22:30

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282147	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	22:30
282147	Zn2062	1.17			mg/L	0.05				0.005	1.1676	1.17	1	0.05	0.11676	07/07/06	22:30
282147	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0053	0.0053	1	0.05	0.00053	07/07/06	22:30
282148	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.012	-0.012	1	0.05	-0.0012	07/07/06	22:35
282148	Al3082	0.500	U		mg/L	0.5				0.05	0.1025	0.103	1	0.5	0.01025	07/07/06	22:35
282148	As1890	0.0500	U		mg/L	0.05				0.005	-0.0073	-0.0073	1	0.05	-0.00073	07/07/06	22:35
282148	B_2496	0.200	U		mg/L	0.2				0.02	0.0983	0.0983	1	0.2	0.00983	07/07/06	22:35
282148	Ba4934	0.545			mg/L	0.05				0.005	0.5451	0.545	1	0.05	0.05451	07/07/06	22:35
282148	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	22:35
282148	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0567	-0.0567	1	0.1	-0.00567	07/07/06	22:35
282148	Ca3179	6.91			mg/L	0.5				0.05	6.9068	6.91	1	0.5	0.69068	07/07/06	22:35
282148	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	07/07/06	22:35
282148	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0012	-0.0012	1	0.05	-0.00012	07/07/06	22:35
282148	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0047	0.0047	1	0.05	0.00047	07/07/06	22:35
282148	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0035	-0.0035	1	0.05	-0.00035	07/07/06	22:35
282148	Fe2714	0.500	U		mg/L	0.5				0.05	0.072	0.072	1	0.5	0.0072	07/07/06	22:35
282148	La3988	0.0500	U		mg/L	0.05				0.005	-0.0199	-0.0199	1	0.05	-0.00199	07/07/06	22:35
282148	Mg2790	0.670			mg/L	0.5				0.05	0.6702	0.67	1	0.5	0.06702	07/07/06	22:35
282148	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0085	0.0085	1	0.05	0.00085	07/07/06	22:35
282148	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0017	0.0017	1	0.05	0.00017	07/07/06	22:35
282148	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0018	0.0018	1	0.05	0.00018	07/07/06	22:35
282148	P_1782	0.269			mg/L	0.2				0.02	0.269	0.269	1	0.2	0.0269	07/07/06	22:35
282148	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0346	-0.0346	1	0.1	-0.00346	07/07/06	22:35
282148	S_1820	9.27			mg/L	0.2				0.02	9.265	9.27	1	0.2	0.9265	07/07/06	22:35
282148	Sb2068	0.150	U		mg/L	0.15				0.015	0.0377	0.0377	1	0.15	0.00377	07/07/06	22:35
282148	Si2881	12.7			mg/L	0.2				0.02	12.6754	12.7	1	0.2	1.26754	07/07/06	22:35
282148	Pb220	0.0500	U		mg/L	0.05				0.005	0.0197	0.0197	1	0.05	0.00197	07/07/06	22:35
282148	Se196	0.0500	U		mg/L	0.05				0.005	0.0175	0.0175	1	0.05	0.00175	07/07/06	22:35
282148	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0021	0.0021	1	0.05	0.00021	07/07/06	22:35
282148	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0191	0.0191	1	0.05	0.00191	07/07/06	22:35
282148	Th2837	0.300	U		mg/L	0.3				0.03	0.0418	0.0418	1	0.3	0.00418	07/07/06	22:35
282148	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0017	0.0017	1	0.05	0.00017	07/07/06	22:35
282148	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0076	-0.0076	1	0.1	-0.00076	07/07/06	22:35
282148	U_4090	1.25	U		mg/L	1.25				0.125	-0.5501	-0.55	1	1.25	-0.05501	07/07/06	22:35
282148	V_2924	0.0500	U		mg/L	0.05				0.005	0.0084	0.0084	1	0.05	0.00084	07/07/06	22:35
282148	W_2079	0.100	U		mg/L	0.1				0.01	-0.0446	-0.0446	1	0.1	-0.00446	07/07/06	22:35
282148	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0002	0.0002	1	0.05	0.00002	07/07/06	22:35
282148	Zn2062	0.0554			mg/L	0.05				0.005	0.0554	0.0554	1	0.05	0.00554	07/07/06	22:35
282148	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0024	-0.0024	1	0.05	-0.00024	07/07/06	22:35

010164

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282149	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0106	-0.0106	1	0.05	-0.00106	07/07/06	22:39
282149	Al3082	0.500	U		mg/L	0.5				0.05	0.1108	0.111	1	0.5	0.01108	07/07/06	22:39
282149	As1890	0.0500	U		mg/L	0.05				0.005	-0.0313	-0.0313	1	0.05	-0.00313	07/07/06	22:39
282149	B_2496	0.200	U		mg/L	0.2				0.02	0.0871	0.0871	1	0.2	0.00871	07/07/06	22:39
282149	Ba4934	0.552			mg/L	0.05				0.005	0.5518	0.552	1	0.05	0.05518	07/07/06	22:39
282149	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	22:39
282149	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0867	-0.0867	1	0.1	-0.00867	07/07/06	22:39
282149	Ca3179	7.34			mg/L	0.5				0.05	7.3414	7.34	1	0.5	0.73414	07/07/06	22:39
282149	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0021	-0.0021	1	0.05	-0.00021	07/07/06	22:39
282149	Co2286	0.0500	U		mg/L	0.05				0.005	0.0028	0.0028	1	0.05	0.00028	07/07/06	22:39
282149	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	07/07/06	22:39
282149	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0022	-0.0022	1	0.05	-0.00022	07/07/06	22:39
282149	Fe2714	0.500	U		mg/L	0.5				0.05	-0.1161	-0.116	1	0.5	-0.01161	07/07/06	22:39
282149	La3988	0.0500	U		mg/L	0.05				0.005	-0.0192	-0.0192	1	0.05	-0.00192	07/07/06	22:39
282149	Mg2790	0.709			mg/L	0.5				0.05	0.7085	0.709	1	0.5	0.07085	07/07/06	22:39
282149	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	07/07/06	22:39
282149	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0015	0.0015	1	0.05	0.00015	07/07/06	22:39
282149	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0018	-0.0018	1	0.05	-0.00018	07/07/06	22:39
282149	P_1782	0.243			mg/L	0.2				0.02	0.2429	0.243	1	0.2	0.02429	07/07/06	22:39
282149	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0449	-0.0449	1	0.1	-0.00449	07/07/06	22:39
282149	S_1820	9.39			mg/L	0.2				0.02	9.391	9.39	1	0.2	0.9391	07/07/06	22:39
282149	Sb2068	0.150	U		mg/L	0.15				0.015	0.0114	0.0114	1	0.15	0.00114	07/07/06	22:39
282149	Si2881	12.5			mg/L	0.2				0.02	12.528	12.5	1	0.2	1.2528	07/07/06	22:39
282149	Pb220	0.0500	U		mg/L	0.05				0.005	0.024	0.024	1	0.05	0.0024	07/07/06	22:39
282149	Se196	0.0500	U		mg/L	0.05				0.005	0.0164	0.0164	1	0.05	0.00164	07/07/06	22:39
282149	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0041	0.0041	1	0.05	0.00041	07/07/06	22:39
282149	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0188	0.0188	1	0.05	0.00188	07/07/06	22:39
282149	Th2837	0.300	U		mg/L	0.3				0.03	0.0455	0.0455	1	0.3	0.00455	07/07/06	22:39
282149	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	07/07/06	22:39
282149	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0037	-0.0037	1	0.1	-0.00037	07/07/06	22:39
282149	U_4090	1.25	U		mg/L	1.25				0.125	-0.7112	-0.711	1	1.25	-0.07112	07/07/06	22:39
282149	V_2924	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	07/07/06	22:39
282149	W_2079	0.100	U		mg/L	0.1				0.01	-0.0459	-0.0459	1	0.1	-0.00459	07/07/06	22:39
282149	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	22:39
282149	Zn2062	0.0620			mg/L	0.05				0.005	0.062	0.062	1	0.05	0.0062	07/07/06	22:39
282149	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0069	-0.0069	1	0.05	-0.00069	07/07/06	22:39
282150	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0107	-0.0107	1	0.05	-0.00107	07/07/06	22:44
282150	Al3082	0.500	U		mg/L	0.5				0.05	0.4035	0.404	1	0.5	0.04035	07/07/06	22:44
282150	As1890	0.0500	U		mg/L	0.05				0.005	-0.0196	-0.0196	1	0.05	-0.00196	07/07/06	22:44

010195

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282150	B_2496	0.200	U		mg/L	0.2				0.02	0.1023	0.102	1	0.2	0.01023	07/07/06	22:44
282150	Ba4934	0.576			mg/L	0.05				0.005	0.5759	0.576	1	0.05	0.05759	07/07/06	22:44
282150	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	22:44
282150	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0294	-0.0294	1	0.1	-0.00294	07/07/06	22:44
282150	Ca3179	6.98			mg/L	0.5				0.05	6.9763	6.98	1	0.5	0.69763	07/07/06	22:44
282150	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0028	-0.0028	1	0.05	-0.00028	07/07/06	22:44
282150	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0041	-0.0041	1	0.05	-0.00041	07/07/06	22:44
282150	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0044	0.0044	1	0.05	0.00044	07/07/06	22:44
282150	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0012	-0.0012	1	0.05	-0.00012	07/07/06	22:44
282150	Fe2714	0.500	U		mg/L	0.5				0.05	0.0536	0.0536	1	0.5	0.00536	07/07/06	22:44
282150	La3988	0.0500	U		mg/L	0.05				0.005	-0.0198	-0.0198	1	0.05	-0.00198	07/07/06	22:44
282150	Mg2790	0.705			mg/L	0.5				0.05	0.7045	0.705	1	0.5	0.07045	07/07/06	22:44
282150	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0056	0.0056	1	0.05	0.00056	07/07/06	22:44
282150	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0013	0.0013	1	0.05	0.00013	07/07/06	22:44
282150	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0032	-0.0032	1	0.05	-0.00032	07/07/06	22:44
282150	P_1782	0.200	U		mg/L	0.2				0.02	0.1637	0.164	1	0.2	0.01637	07/07/06	22:44
282150	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0438	-0.0438	1	0.1	-0.00438	07/07/06	22:44
282150	S_1820	9.53			mg/L	0.2				0.02	9.5337	9.53	1	0.2	0.95337	07/07/06	22:44
282150	Sb2068	0.150	U		mg/L	0.15				0.015	0.0558	0.0558	1	0.15	0.00558	07/07/06	22:44
282150	Si2881	12.7			mg/L	0.2				0.02	12.7385	12.7	1	0.2	1.27385	07/07/06	22:44
282150	Pb220	0.0500	U		mg/L	0.05				0.005	0.0169	0.0169	1	0.05	0.00169	07/07/06	22:44
282150	Se196	0.0500	U		mg/L	0.05				0.005	0.0157	0.0157	1	0.05	0.00157	07/07/06	22:44
282150	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	07/07/06	22:44
282150	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0183	0.0183	1	0.05	0.00183	07/07/06	22:44
282150	Th2837	0.300	U		mg/L	0.3				0.03	0.0343	0.0343	1	0.3	0.00343	07/07/06	22:44
282150	Ti3349	0.0500	U		mg/L	0.05				0.005	0.003	0.003	1	0.05	0.0003	07/07/06	22:44
282150	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0219	-0.0219	1	0.1	-0.00219	07/07/06	22:44
282150	U_4090	1.25	U		mg/L	1.25				0.125	-0.6244	-0.624	1	1.25	-0.06244	07/07/06	22:44
282150	V_2924	0.0500	U		mg/L	0.05				0.005	0.0089	0.0089	1	0.05	0.00089	07/07/06	22:44
282150	W_2079	0.100	U		mg/L	0.1				0.01	-0.0314	-0.0314	1	0.1	-0.00314	07/07/06	22:44
282150	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	22:44
282150	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0455	0.0455	1	0.05	0.00455	07/07/06	22:44
282150	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	22:44
282151	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0086	-0.0086	1	0.05	-0.00086	07/07/06	22:49
282151	Al3082	0.500	U		mg/L	0.5				0.05	0.104	0.104	1	0.5	0.0104	07/07/06	22:49
282151	As1890	0.0500	U		mg/L	0.05				0.005	-0.0056	-0.0056	1	0.05	-0.00056	07/07/06	22:49
282151	B_2496	0.200	U		mg/L	0.2				0.02	0.1009	0.101	1	0.2	0.01009	07/07/06	22:49
282151	Ba4934	0.526			mg/L	0.05				0.005	0.5263	0.526	1	0.05	0.05263	07/07/06	22:49
282151	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	22:49

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282151	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0541	-0.0541	1	0.1	-0.00541	07/07/06	22:49
282151	Ca3179	7.27			mg/L	0.5				0.05	7.2668	7.27	1	0.5	0.72668	07/07/06	22:49
282151	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0022	-0.0022	1	0.05	-0.00022	07/07/06	22:49
282151	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0023	-0.0023	1	0.05	-0.00023	07/07/06	22:49
282151	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0107	0.0107	1	0.05	0.00107	07/07/06	22:49
282151	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0016	0.0016	1	0.05	0.00016	07/07/06	22:49
282151	Fe2714	0.500	U		mg/L	0.5				0.05	0.1575	0.158	1	0.5	0.01575	07/07/06	22:49
282151	La3988	0.0500	U		mg/L	0.05				0.005	-0.0179	-0.0179	1	0.05	-0.00179	07/07/06	22:49
282151	Mg2790	0.703			mg/L	0.5				0.05	0.7029	0.703	1	0.5	0.07029	07/07/06	22:49
282151	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0063	0.0063	1	0.05	0.00063	07/07/06	22:49
282151	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	22:49
282151	Ni2316	0.0500	U		mg/L	0.05				0.005	0.004	0.004	1	0.05	0.0004	07/07/06	22:49
282151	P_1782	0.206			mg/L	0.2				0.02	0.2061	0.206	1	0.2	0.02061	07/07/06	22:49
282151	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0009	-0.0009	1	0.1	-0.00009	07/07/06	22:49
282151	S_1820	9.29			mg/L	0.2				0.02	9.2874	9.29	1	0.2	0.92874	07/07/06	22:49
282151	Sb2068	0.150	U		mg/L	0.15				0.015	0.0346	0.0346	1	0.15	0.00346	07/07/06	22:49
282151	Si2881	12.6			mg/L	0.2				0.02	12.5807	12.6	1	0.2	1.25807	07/07/06	22:49
282151	Pb220	0.0500	U		mg/L	0.05				0.005	0.0104	0.0104	1	0.05	0.00104	07/07/06	22:49
282151	Se196	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	07/07/06	22:49
282151	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0066	-0.0066	1	0.05	-0.00066	07/07/06	22:49
282151	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0181	0.0181	1	0.05	0.00181	07/07/06	22:49
282151	Th2837	0.300	U		mg/L	0.3				0.03	0.0654	0.0654	1	0.3	0.00654	07/07/06	22:49
282151	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0029	0.0029	1	0.05	0.00029	07/07/06	22:49
282151	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0214	-0.0214	1	0.1	-0.00214	07/07/06	22:49
282151	U_4090	1.25	U		mg/L	1.25				0.125	-0.5115	-0.512	1	1.25	-0.05115	07/07/06	22:49
282151	V_2924	0.0500	U		mg/L	0.05				0.005	0.0078	0.0078	1	0.05	0.00078	07/07/06	22:49
282151	W_2079	0.100	U		mg/L	0.1				0.01	-0.0358	-0.0358	1	0.1	-0.00358	07/07/06	22:49
282151	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	22:49
282151	Zn2062	0.0509			mg/L	0.05				0.005	0.0509	0.0509	1	0.05	0.00509	07/07/06	22:49
282151	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	22:49
282152	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0017	0.0017	1	0.05	0.00017	07/07/06	22:54
282152	Al3082	0.500	U		mg/L	0.5				0.05	0.1532	0.153	1	0.5	0.01532	07/07/06	22:54
282152	As1890	0.0500	U		mg/L	0.05				0.005	-0.0213	-0.0213	1	0.05	-0.00213	07/07/06	22:54
282152	B_2496	0.200	U		mg/L	0.2				0.02	0.0955	0.0955	1	0.2	0.00955	07/07/06	22:54
282152	Ba4934	0.511			mg/L	0.05				0.005	0.511	0.511	1	0.05	0.0511	07/07/06	22:54
282152	Be3130	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	22:54
282152	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0337	-0.0337	1	0.1	-0.00337	07/07/06	22:54
282152	Ca3179	7.65			mg/L	0.5				0.05	7.6505	7.65	1	0.5	0.76505	07/07/06	22:54
282152	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.001	-0.001	1	0.05	-0.0001	07/07/06	22:54

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282152	Co2286	0.0500	U		mg/L	0.05				0.005	0.0023	0.0023	1	0.05	0.00023	07/07/06	22:54
282152	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0107	0.0107	1	0.05	0.00107	07/07/06	22:54
282152	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0026	0.0026	1	0.05	0.00026	07/07/06	22:54
282152	Fe2714	0.500	U		mg/L	0.5				0.05	0.2455	0.246	1	0.5	0.02455	07/07/06	22:54
282152	La3988	0.0500	U		mg/L	0.05				0.005	-0.0012	-0.0012	1	0.05	-0.00012	07/07/06	22:54
282152	Mg2790	0.831			mg/L	0.5				0.05	0.8311	0.831	1	0.5	0.08311	07/07/06	22:54
282152	Mn2576	0.0500	U		mg/L	0.05				0.005	0.007	0.007	1	0.05	0.0007	07/07/06	22:54
282152	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0054	0.0054	1	0.05	0.00054	07/07/06	22:54
282152	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0143	0.0143	1	0.05	0.00143	07/07/06	22:54
282152	P_1782	0.231			mg/L	0.2				0.02	0.2307	0.231	1	0.2	0.02307	07/07/06	22:54
282152	Pd3404	0.100	U		mg/L	0.1				0.01	0.0133	0.0133	1	0.1	0.00133	07/07/06	22:54
282152	S_1820	9.48			mg/L	0.2				0.02	9.476	9.48	1	0.2	0.9476	07/07/06	22:54
282152	Sb2068	0.150	U		mg/L	0.15				0.015	0.055	0.055	1	0.15	0.0055	07/07/06	22:54
282152	Si2881	12.7			mg/L	0.2				0.02	12.659	12.7	1	0.2	1.2659	07/07/06	22:54
282152	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0035	-0.0035	1	0.05	-0.00035	07/07/06	22:54
282152	Se196	0.0500	U		mg/L	0.05				0.005	-0.0089	-0.0089	1	0.05	-0.00089	07/07/06	22:54
282152	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0177	0.0177	1	0.05	0.00177	07/07/06	22:54
282152	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0201	0.0201	1	0.05	0.00201	07/07/06	22:54
282152	Th2837	0.300	U		mg/L	0.3				0.03	0.0481	0.0481	1	0.3	0.00481	07/07/06	22:54
282152	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0029	0.0029	1	0.05	0.00029	07/07/06	22:54
282152	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0136	-0.0136	1	0.1	-0.00136	07/07/06	22:54
282152	U_4090	1.25	U		mg/L	1.25				0.125	0.1147	0.115	1	1.25	0.01147	07/07/06	22:54
282152	V_2924	0.0500	U		mg/L	0.05				0.005	0.0154	0.0154	1	0.05	0.00154	07/07/06	22:54
282152	W_2079	0.100	U		mg/L	0.1				0.01	-0.0015	-0.0015	1	0.1	-0.00015	07/07/06	22:54
282152	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0016	0.0016	1	0.05	0.00016	07/07/06	22:54
282152	Zn2062	0.0541			mg/L	0.05				0.005	0.0541	0.0541	1	0.05	0.00541	07/07/06	22:54
282152	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0083	0.0083	1	0.05	0.00083	07/07/06	22:54
282153	Ag3280	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	07/07/06	22:58
282153	Al3082	0.500	U		mg/L	0.5				0.05	0.2323	0.232	1	0.5	0.02323	07/07/06	22:58
282153	As1890	0.0500	U		mg/L	0.05				0.005	-0.0263	-0.0263	1	0.05	-0.00263	07/07/06	22:58
282153	B_2496	0.200	U		mg/L	0.2				0.02	0.089	0.089	1	0.2	0.0089	07/07/06	22:58
282153	Ba4934	0.497			mg/L	0.05				0.005	0.4967	0.497	1	0.05	0.04967	07/07/06	22:58
282153	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	22:58
282153	Bi2230	0.100	U		mg/L	0.1				0.01	0.0265	0.0265	1	0.1	0.00265	07/07/06	22:58
282153	Ca3179	6.88			mg/L	0.5				0.05	6.8804	6.88	1	0.5	0.68804	07/07/06	22:58
282153	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0006	-0.0006	1	0.05	-0.00006	07/07/06	22:58
282153	Co2286	0.0500	U		mg/L	0.05				0.005	0.0061	0.0061	1	0.05	0.00061	07/07/06	22:58
282153	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0124	0.0124	1	0.05	0.00124	07/07/06	22:58
282153	Cu3247	0.0500	U		mg/L	0.05				0.005	0.003	0.003	1	0.05	0.0003	07/07/06	22:58

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282153	Fe2714	0.500	U		mg/L	0.5				0.05	0.3598	0.36	1	0.5	0.03598	07/07/06	22:58
282153	La3988	0.0500	U		mg/L	0.05				0.005	0.0027	0.0027	1	0.05	0.00027	07/07/06	22:58
282153	Mg2790	0.785			mg/L	0.5				0.05	0.7849	0.785	1	0.5	0.07849	07/07/06	22:58
282153	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	07/07/06	22:58
282153	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0053	-0.0053	1	0.05	-0.00053	07/07/06	22:58
282153	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0031	0.0031	1	0.05	0.00031	07/07/06	22:58
282153	P_1782	0.200	U		mg/L	0.2				0.02	0.1879	0.188	1	0.2	0.01879	07/07/06	22:58
282153	Pd3404	0.100	U		mg/L	0.1				0.01	0.0291	0.0291	1	0.1	0.00291	07/07/06	22:58
282153	S_1820	9.45			mg/L	0.2				0.02	9.445	9.45	1	0.2	0.9445	07/07/06	22:58
282153	Sb2068	0.150	U		mg/L	0.15				0.015	0.0558	0.0558	1	0.15	0.00558	07/07/06	22:58
282153	Si2881	12.7			mg/L	0.2				0.02	12.7464	12.7	1	0.2	1.27464	07/07/06	22:58
282153	Pb220	0.0500	U		mg/L	0.05				0.005	0.0218	0.0218	1	0.05	0.00218	07/07/06	22:58
282153	Se196	0.0500	U		mg/L	0.05				0.005	-0.0177	-0.0177	1	0.05	-0.00177	07/07/06	22:58
282153	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0048	0.0048	1	0.05	0.00048	07/07/06	22:58
282153	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0183	0.0183	1	0.05	0.00183	07/07/06	22:58
282153	Th2837	0.300	U		mg/L	0.3				0.03	0.0478	0.0478	1	0.3	0.00478	07/07/06	22:58
282153	Ti3349	0.0500	U		mg/L	0.05				0.005	0.004	0.004	1	0.05	0.0004	07/07/06	22:58
282153	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0162	-0.0162	1	0.1	-0.00162	07/07/06	22:58
282153	U_4090	1.25	U		mg/L	1.25				0.125	0.0986	0.0986	1	1.25	0.00986	07/07/06	22:58
282153	V_2924	0.0500	U		mg/L	0.05				0.005	0.0138	0.0138	1	0.05	0.00138	07/07/06	22:58
282153	W_2079	0.100	U		mg/L	0.1				0.01	0.0013	0.0013	1	0.1	0.00013	07/07/06	22:58
282153	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0018	0.0018	1	0.05	0.00018	07/07/06	22:58
282153	Zn2062	0.0510			mg/L	0.05				0.005	0.051	0.051	1	0.05	0.0051	07/07/06	22:58
282153	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0092	0.0092	1	0.05	0.00092	07/07/06	22:58
282154	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0054	-0.0054	1	0.05	-0.00054	07/07/06	23:13
282154	Al3082	0.500	U		mg/L	0.5				0.05	0.2079	0.208	1	0.5	0.02079	07/07/06	23:13
282154	As1890	0.0500	U		mg/L	0.05				0.005	-0.0036	-0.0036	1	0.05	-0.00036	07/07/06	23:13
282154	B_2496	0.200	U		mg/L	0.2				0.02	0.1235	0.124	1	0.2	0.01235	07/07/06	23:13
282154	Ba4934	0.481			mg/L	0.05				0.005	0.481	0.481	1	0.05	0.0481	07/07/06	23:13
282154	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	23:13
282154	Bi2230	0.100	U		mg/L	0.1				0.01	-0.032	-0.032	1	0.1	-0.0032	07/07/06	23:13
282154	Ca3179	7.57			mg/L	0.5				0.05	7.5668	7.57	1	0.5	0.75668	07/07/06	23:13
282154	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0019	-0.0019	1	0.05	-0.00019	07/07/06	23:13
282154	Co2286	0.0500	U		mg/L	0.05				0.005	0.0037	0.0037	1	0.05	0.00037	07/07/06	23:13
282154	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	07/07/06	23:13
282154	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0039	0.0039	1	0.05	0.00039	07/07/06	23:13
282154	Fe2714	0.500	U		mg/L	0.5				0.05	-0.0665	-0.0665	1	0.5	-0.00665	07/07/06	23:13
282154	La3988	0.0500	U		mg/L	0.05				0.005	-0.0114	-0.0114	1	0.05	-0.00114	07/07/06	23:13
282154	Mg2790	0.779			mg/L	0.5				0.05	0.7788	0.779	1	0.5	0.07788	07/07/06	23:13

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282154	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0057	0.0057	1	0.05	0.00057	07/07/06	23:13
282154	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0016	0.0016	1	0.05	0.00016	07/07/06	23:13
282154	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0065	0.0065	1	0.05	0.00065	07/07/06	23:13
282154	P_1782	0.230			mg/L	0.2				0.02	0.2302	0.23	1	0.2	0.02302	07/07/06	23:13
282154	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0323	-0.0323	1	0.1	-0.00323	07/07/06	23:13
282154	S_1820	9.38			mg/L	0.2				0.02	9.3809	9.38	1	0.2	0.93809	07/07/06	23:13
282154	Sb2068	0.150	U		mg/L	0.15				0.015	0.0189	0.0189	1	0.15	0.00189	07/07/06	23:13
282154	Si2881	12.5			mg/L	0.2				0.02	12.5234	12.5	1	0.2	1.25234	07/07/06	23:13
282154	Pb220	0.0500	U		mg/L	0.05				0.005	0.0074	0.0074	1	0.05	0.00074	07/07/06	23:13
282154	Se196	0.0500	U		mg/L	0.05				0.005	0.0068	0.0068	1	0.05	0.00068	07/07/06	23:13
282154	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0079	-0.0079	1	0.05	-0.00079	07/07/06	23:13
282154	Sr4215	0.0500	U		mg/L	0.05				0.005	0.019	0.019	1	0.05	0.0019	07/07/06	23:13
282154	Th2837	0.300	U		mg/L	0.3				0.03	0.07	0.07	1	0.3	0.007	07/07/06	23:13
282154	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0031	0.0031	1	0.05	0.00031	07/07/06	23:13
282154	Tl1908	0.100	U		mg/L	0.1				0.01	0.0197	0.0197	1	0.1	0.00197	07/07/06	23:13
282154	U_4090	1.25	U		mg/L	1.25				0.125	-0.456	-0.456	1	1.25	-0.0456	07/07/06	23:13
282154	V_2924	0.0500	U		mg/L	0.05				0.005	0.0109	0.0109	1	0.05	0.00109	07/07/06	23:13
282154	W_2079	0.100	U		mg/L	0.1				0.01	-0.0228	-0.0228	1	0.1	-0.00228	07/07/06	23:13
282154	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0017	0.0017	1	0.05	0.00017	07/07/06	23:13
282154	Zn2062	0.0566			mg/L	0.05				0.005	0.0566	0.0566	1	0.05	0.00566	07/07/06	23:13
282154	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0044	0.0044	1	0.05	0.00044	07/07/06	23:13
282155	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0097	-0.0097	1	0.05	-0.00097	07/07/06	23:18
282155	Al3082	0.500	U		mg/L	0.5				0.05	0.2523	0.252	1	0.5	0.02523	07/07/06	23:18
282155	As1890	0.0500	U		mg/L	0.05				0.005	-0.0199	-0.0199	1	0.05	-0.00199	07/07/06	23:18
282155	B_2496	0.200	U		mg/L	0.2				0.02	0.132	0.132	1	0.2	0.0132	07/07/06	23:18
282155	Ba4934	0.538			mg/L	0.05				0.005	0.538	0.538	1	0.05	0.0538	07/07/06	23:18
282155	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0004	-0.0004	1	0.05	-0.00004	07/07/06	23:18
282155	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0388	-0.0388	1	0.1	-0.00388	07/07/06	23:18
282155	Ca3179	5.91			mg/L	0.5				0.05	5.9065	5.91	1	0.5	0.59065	07/07/06	23:18
282155	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0038	-0.0038	1	0.05	-0.00038	07/07/06	23:18
282155	Co2286	0.0500	U		mg/L	0.05				0.005	0.0053	0.0053	1	0.05	0.00053	07/07/06	23:18
282155	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0147	0.0147	1	0.05	0.00147	07/07/06	23:18
282155	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0048	0.0048	1	0.05	0.00048	07/07/06	23:18
282155	Fe2714	0.500	U		mg/L	0.5				0.05	0.1192	0.119	1	0.5	0.01192	07/07/06	23:18
282155	La3988	0.0500	U		mg/L	0.05				0.005	-0.0228	-0.0228	1	0.05	-0.00228	07/07/06	23:18
282155	Mg2790	0.620			mg/L	0.5				0.05	0.6202	0.62	1	0.5	0.06202	07/07/06	23:18
282155	Mn2576	0.0500	U		mg/L	0.05				0.005	0.006	0.006	1	0.05	0.0006	07/07/06	23:18
282155	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0031	-0.0031	1	0.05	-0.00031	07/07/06	23:18
282155	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0029	0.0029	1	0.05	0.00029	07/07/06	23:18

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282155	P_1782	0.200	U		mg/L	0.2				0.02	-0.0792	-0.0792	1	0.2	-0.00792	07/07/06	23:18
282155	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0213	-0.0213	1	0.1	-0.00213	07/07/06	23:18
282155	S_1820	9.23			mg/L	0.2				0.02	9.2346	9.23	1	0.2	0.92346	07/07/06	23:18
282155	Sb2068	0.150	U		mg/L	0.15				0.015	0.0623	0.0623	1	0.15	0.00623	07/07/06	23:18
282155	Si2881	12.9			mg/L	0.2				0.02	12.9064	12.9	1	0.2	1.29064	07/07/06	23:18
282155	Pb220	0.0500	U		mg/L	0.05				0.005	0.0058	0.0058	1	0.05	0.00058	07/07/06	23:18
282155	Se196	0.0500	U		mg/L	0.05				0.005	0.0077	0.0077	1	0.05	0.00077	07/07/06	23:18
282155	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0123	-0.0123	1	0.05	-0.00123	07/07/06	23:18
282155	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0165	0.0165	1	0.05	0.00165	07/07/06	23:18
282155	Th2837	0.300	U		mg/L	0.3				0.03	0.0731	0.0731	1	0.3	0.00731	07/07/06	23:18
282155	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0071	0.0071	1	0.05	0.00071	07/07/06	23:18
282155	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0061	-0.0061	1	0.1	-0.00061	07/07/06	23:18
282155	U_4090	1.25	U		mg/L	1.25				0.125	-0.5554	-0.555	1	1.25	-0.05554	07/07/06	23:18
282155	V_2924	0.0500	U		mg/L	0.05				0.005	0.0154	0.0154	1	0.05	0.00154	07/07/06	23:18
282155	W_2079	0.100	U		mg/L	0.1				0.01	-0.0253	-0.0253	1	0.1	-0.00253	07/07/06	23:18
282155	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0021	0.0021	1	0.05	0.00021	07/07/06	23:18
282155	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0387	0.0387	1	0.05	0.00387	07/07/06	23:18
282155	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0052	0.0052	1	0.05	0.00052	07/07/06	23:18
282156	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0107	-0.0107	1	0.05	-0.00107	07/07/06	23:22
282156	Al3082	0.500	U		mg/L	0.5				0.05	0.0509	0.0509	1	0.5	0.00509	07/07/06	23:22
282156	As1890	0.0500	U		mg/L	0.05				0.005	-0.0333	-0.0333	1	0.05	-0.00333	07/07/06	23:22
282156	B_2496	0.200	U		mg/L	0.2				0.02	0.11	0.11	1	0.2	0.011	07/07/06	23:22
282156	Ba4934	0.504			mg/L	0.05				0.005	0.5038	0.504	1	0.05	0.05038	07/07/06	23:22
282156	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	23:22
282156	Bi2230	0.100	U		mg/L	0.1				0.01	-0.03	-0.03	1	0.1	-0.003	07/07/06	23:22
282156	Ca3179	6.60			mg/L	0.5				0.05	6.6035	6.6	1	0.5	0.66035	07/07/06	23:22
282156	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	23:22
282156	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0056	-0.0056	1	0.05	-0.00056	07/07/06	23:22
282156	Cr2677	0.0500	U		mg/L	0.05				0.005	0.0103	0.0103	1	0.05	0.00103	07/07/06	23:22
282156	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0007	-0.0007	1	0.05	-0.00007	07/07/06	23:22
282156	Fe2714	0.500	U		mg/L	0.5				0.05	0.1178	0.118	1	0.5	0.01178	07/07/06	23:22
282156	La3988	0.0500	U		mg/L	0.05				0.005	-0.0161	-0.0161	1	0.05	-0.00161	07/07/06	23:22
282156	Mg2790	0.671			mg/L	0.5				0.05	0.6714	0.671	1	0.5	0.06714	07/07/06	23:22
282156	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0041	0.0041	1	0.05	0.00041	07/07/06	23:22
282156	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	23:22
282156	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0073	0.0073	1	0.05	0.00073	07/07/06	23:22
282156	P_1782	0.200	U		mg/L	0.2				0.02	0.1606	0.161	1	0.2	0.01606	07/07/06	23:22
282156	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0105	-0.0105	1	0.1	-0.00105	07/07/06	23:22
282156	S_1820	9.32			mg/L	0.2				0.02	9.3189	9.32	1	0.2	0.93189	07/07/06	23:22

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282156	Sb2068	0.150	U		mg/L	0.15				0.015	0.0426	0.0426	1	0.15	0.00426	07/07/06	23:22
282156	Si2881	12.8			mg/L	0.2				0.02	12.7695	12.8	1	0.2	1.27695	07/07/06	23:22
282156	Pb220	0.0500	U		mg/L	0.05				0.005	0.0039	0.0039	1	0.05	0.00039	07/07/06	23:22
282156	Se196	0.0500	U		mg/L	0.05				0.005	-0.0068	-0.0068	1	0.05	-0.00068	07/07/06	23:22
282156	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0073	0.0073	1	0.05	0.00073	07/07/06	23:22
282156	Sr4215	0.0500	U		mg/L	0.05				0.005	0.016	0.016	1	0.05	0.0016	07/07/06	23:22
282156	Th2837	0.300	U		mg/L	0.3				0.03	0.063	0.063	1	0.3	0.0063	07/07/06	23:22
282156	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0038	0.0038	1	0.05	0.00038	07/07/06	23:22
282156	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0147	-0.0147	1	0.1	-0.00147	07/07/06	23:22
282156	U_4090	1.25	U		mg/L	1.25				0.125	-0.4982	-0.498	1	1.25	-0.04982	07/07/06	23:22
282156	V_2924	0.0500	U		mg/L	0.05				0.005	0.0039	0.0039	1	0.05	0.00039	07/07/06	23:22
282156	W_2079	0.100	U		mg/L	0.1				0.01	-0.0548	-0.0548	1	0.1	-0.00548	07/07/06	23:22
282156	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0008	0.0008	1	0.05	0.00008	07/07/06	23:22
282156	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0284	0.0284	1	0.05	0.00284	07/07/06	23:22
282156	Zr3496	0.0500	U		mg/L	0.05				0.005	0.0024	0.0024	1	0.05	0.00024	07/07/06	23:22
282157	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0194	-0.0194	1	0.05	-0.00194	07/07/06	23:27
282157	Al3082	0.500	U		mg/L	0.5				0.05	-0.0778	-0.0778	1	0.5	-0.00778	07/07/06	23:27
282157	As1890	0.0500	U		mg/L	0.05				0.005	-0.0131	-0.0131	1	0.05	-0.00131	07/07/06	23:27
282157	B_2496	0.200	U		mg/L	0.2				0.02	0.0722	0.0722	1	0.2	0.00722	07/07/06	23:27
282157	Ba4934	0.546			mg/L	0.05				0.005	0.5458	0.546	1	0.05	0.05458	07/07/06	23:27
282157	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0004	-0.0004	1	0.05	-0.00004	07/07/06	23:27
282157	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0877	-0.0877	1	0.1	-0.00877	07/07/06	23:27
282157	Ca3179	13.7			mg/L	0.5				0.05	13.7248	13.7	1	0.5	1.37248	07/07/06	23:27
282157	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0051	-0.0051	1	0.05	-0.00051	07/07/06	23:27
282157	Co2286	0.0500	U		mg/L	0.05				0.005	-0.012	-0.012	1	0.05	-0.0012	07/07/06	23:27
282157	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0013	-0.0013	1	0.05	-0.00013	07/07/06	23:27
282157	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0027	-0.0027	1	0.05	-0.00027	07/07/06	23:27
282157	Fe2714	0.500	U		mg/L	0.5				0.05	-0.2771	-0.277	1	0.5	-0.02771	07/07/06	23:27
282157	La3988	0.0500	U		mg/L	0.05				0.005	-0.0329	-0.0329	1	0.05	-0.00329	07/07/06	23:27
282157	Mg2790	1.35			mg/L	0.5				0.05	1.3537	1.35	1	0.5	0.13537	07/07/06	23:27
282157	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0076	0.0076	1	0.05	0.00076	07/07/06	23:27
282157	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	07/07/06	23:27
282157	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0059	-0.0059	1	0.05	-0.00059	07/07/06	23:27
282157	P_1782	0.254			mg/L	0.2				0.02	0.2537	0.254	1	0.2	0.02537	07/07/06	23:27
282157	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0763	-0.0763	1	0.1	-0.00763	07/07/06	23:27
282157	S_1820	9.44			mg/L	0.2				0.02	9.435	9.44	1	0.2	0.9435	07/07/06	23:27
282157	Sb2068	0.150	U		mg/L	0.15				0.015	0.0276	0.0276	1	0.15	0.00276	07/07/06	23:27
282157	Si2881	12.5			mg/L	0.2				0.02	12.4555	12.5	1	0.2	1.24555	07/07/06	23:27
282157	Pb220	0.0500	U		mg/L	0.05				0.005	0.0113	0.0113	1	0.05	0.00113	07/07/06	23:27

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282157	Se196	0.0500	U		mg/L	0.05				0.005	0.0215	0.0215	1	0.05	0.00215	07/07/06	23:27
282157	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.006	-0.006	1	0.05	-0.0006	07/07/06	23:27
282157	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0342	0.0342	1	0.05	0.00342	07/07/06	23:27
282157	Th2837	0.300	U		mg/L	0.3				0.03	0.0347	0.0347	1	0.3	0.00347	07/07/06	23:27
282157	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	23:27
282157	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0012	-0.0012	1	0.1	-0.00012	07/07/06	23:27
282157	U_4090	1.25	U		mg/L	1.25				0.125	-1.0647	-1.06	1	1.25	-0.10647	07/07/06	23:27
282157	V_2924	0.0500	U		mg/L	0.05				0.005	0.0005	0.0005	1	0.05	0.00005	07/07/06	23:27
282157	W_2079	0.100	U		mg/L	0.1				0.01	-0.0731	-0.0731	1	0.1	-0.00731	07/07/06	23:27
282157	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	23:27
282157	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0275	0.0275	1	0.05	0.00275	07/07/06	23:27
282157	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0099	-0.0099	1	0.05	-0.00099	07/07/06	23:27
pbw-G07H4	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0013	-0.0013	1	0.05	-0.00013	07/07/06	13:52
pbw-G07H4	Al3082	0.500	U		mg/L	0.5				0.05	0.1424	0.142	1	0.5	0.01424	07/07/06	13:52
pbw-G07H4	As1890	0.0500	U		mg/L	0.05				0.005	-0.0028	-0.0028	1	0.05	-0.00028	07/07/06	13:52
pbw-G07H4	B_2496	0.200	U		mg/L	0.2				0.02	0.0472	0.0472	1	0.2	0.00472	07/07/06	13:52
pbw-G07H4	Ba4934	0.0500	U		mg/L	0.05				0.005	-0.0056	-0.0056	1	0.05	-0.00056	07/07/06	13:52
pbw-G07H4	Be3130	0.0500	U		mg/L	0.05				0.005	0.0001	0.0001	1	0.05	0.00001	07/07/06	13:52
pbw-G07H4	Bi2230	0.100	U		mg/L	0.1				0.01	0.0065	0.0065	1	0.1	0.00065	07/07/06	13:52
pbw-G07H4	Ca3179	0.500	U		mg/L	0.5				0.05	0.3383	0.338	1	0.5	0.03383	07/07/06	13:52
pbw-G07H4	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0017	0.0017	1	0.05	0.00017	07/07/06	13:52
pbw-G07H4	Co2286	0.0500	U		mg/L	0.05				0.005	0.0269	0.0269	1	0.05	0.00269	07/07/06	13:52
pbw-G07H4	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0411	-0.0411	1	0.05	-0.00411	07/07/06	13:52
pbw-G07H4	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0272	-0.0272	1	0.05	-0.00272	07/07/06	13:52
pbw-G07H4	Fe2714	0.500	U		mg/L	0.5				0.05	0.1125	0.113	1	0.5	0.01125	07/07/06	13:52
pbw-G07H4	La3988	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	13:52
pbw-G07H4	Mg2790	0.500	U		mg/L	0.5				0.05	0.0263	0.0263	1	0.5	0.00263	07/07/06	13:52
pbw-G07H4	Mn2576	0.0500	U		mg/L	0.05				0.005	-0.0038	-0.0038	1	0.05	-0.00038	07/07/06	13:52
pbw-G07H4	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0033	-0.0033	1	0.05	-0.00033	07/07/06	13:52
pbw-G07H4	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0325	-0.0325	1	0.05	-0.00325	07/07/06	13:52
pbw-G07H4	P_1782	0.200	U		mg/L	0.2				0.02	0.05	0.05	1	0.2	0.005	07/07/06	13:52
pbw-G07H4	Pd3404	0.100	U		mg/L	0.1				0.01	0.0091	0.0091	1	0.1	0.00091	07/07/06	13:52
pbw-G07H4	S_1820	0.200	U		mg/L	0.2				0.02	-0.091	-0.091	1	0.2	-0.0091	07/07/06	13:52
pbw-G07H4	Sb2068	0.150	U		mg/L	0.15				0.015	0.0244	0.0244	1	0.15	0.00244	07/07/06	13:52
pbw-G07H4	Si2881	0.200	U		mg/L	0.2				0.02	-0.0203	-0.0203	1	0.2	-0.00203	07/07/06	13:52
pbw-G07H4	Pb220	0.0500	U		mg/L	0.05				0.005	0.0071	0.0071	1	0.05	0.00071	07/07/06	13:52
pbw-G07H4	Se196	0.0500	U		mg/L	0.05				0.005	0.0077	0.0077	1	0.05	0.00077	07/07/06	13:52
pbw-G07H4	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0128	-0.0128	1	0.05	-0.00128	07/07/06	13:52
pbw-G07H4	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0026	0.0026	1	0.05	0.00026	07/07/06	13:52

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
pbw-G07H4	Th2837	0.300	U		mg/L	0.3				0.03	-0.1263	-0.126	1	0.3	-0.01263	07/07/06	13:52
pbw-G07H4	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0098	-0.0098	1	0.05	-0.00098	07/07/06	13:52
pbw-G07H4	Tl1908	0.100	U		mg/L	0.1				0.01	0.0325	0.0325	1	0.1	0.00325	07/07/06	13:52
pbw-G07H4	U_4090	1.25	U		mg/L	1.25				0.125	0.1207	0.121	1	1.25	0.01207	07/07/06	13:52
pbw-G07H4	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0288	-0.0288	1	0.05	-0.00288	07/07/06	13:52
pbw-G07H4	W_2079	0.100	U		mg/L	0.1				0.01	0.0169	0.0169	1	0.1	0.00169	07/07/06	13:52
pbw-G07H4	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0057	-0.0057	1	0.05	-0.00057	07/07/06	13:52
pbw-G07H4	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	13:52
pbw-G07H4	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.034	-0.034	1	0.05	-0.0034	07/07/06	13:52
lcsw-G07H4	Ag3280	0.484			mg/L	0.05		96.8%	0.5	0.005	0.484	0.484	1	0.05	0.0484	07/07/06	13:57
lcsw-G07H4	Al3082	19.2			mg/L	0.5		96.0%	20	0.05	19.1876	19.2	1	0.5	1.91876	07/07/06	13:57
lcsw-G07H4	As1890	19.7			mg/L	0.05		98.5%	20	0.005	19.6853	19.7	1	0.05	1.96853	07/07/06	13:57
lcsw-G07H4	B_2496	0.200	U		mg/L	0.2			0	0.02	0.0402	0.0402	1	0.2	0.00402	07/07/06	13:57
lcsw-G07H4	Ba4934	20.0			mg/L	0.05		100.0%	20	0.005	19.9591	20	1	0.05	1.99591	07/07/06	13:57
lcsw-G07H4	Be3130	0.489			mg/L	0.05		97.8%	0.5	0.005	0.4885	0.489	1	0.05	0.04885	07/07/06	13:57
lcsw-G07H4	Bi2230	0.100	U		mg/L	0.1			0	0.01	0.0289	0.0289	1	0.1	0.00289	07/07/06	13:57
lcsw-G07H4	Ca3179	202			mg/L	0.5		101.0%	200	0.05	201.6334	202	1	0.5	20.16334	07/07/06	13:57
lcsw-G07H4	Cd2265	0.486			mg/L	0.05		97.2%	0.5	0.005	0.4857	0.486	1	0.05	0.04857	07/07/06	13:57
lcsw-G07H4	Co2286	4.90			mg/L	0.05		98.0%	5	0.005	4.902	4.9	1	0.05	0.4902	07/07/06	13:57
lcsw-G07H4	Cr2677	1.88			mg/L	0.05		94.0%	2	0.005	1.8798	1.88	1	0.05	0.18798	07/07/06	13:57
lcsw-G07H4	Cu3247	2.37			mg/L	0.05		94.8%	2.5	0.005	2.3738	2.37	1	0.05	0.23738	07/07/06	13:57
lcsw-G07H4	Fe2714	11.0			mg/L	0.5		110.0%	10	0.05	10.9503	11	1	0.5	1.09503	07/07/06	13:57
lcsw-G07H4	La3988	0.0500	U		mg/L	0.05			0	0.005	0.0053	0.0053	1	0.05	0.00053	07/07/06	13:57
lcsw-G07H4	Mg2790	200			mg/L	0.5		100.0%	200	0.05	199.8167	200	1	0.5	19.98167	07/07/06	13:57
lcsw-G07H4	Mn2576	4.93			mg/L	0.05		98.6%	5	0.005	4.9256	4.93	1	0.05	0.49256	07/07/06	13:57
lcsw-G07H4	Mo2020	0.0500	U		mg/L	0.05			0	0.005	-0.0018	-0.0018	1	0.05	-0.00018	07/07/06	13:57
lcsw-G07H4	Ni2316	4.72			mg/L	0.05		94.4%	5	0.005	4.7191	4.72	1	0.05	0.47191	07/07/06	13:57
lcsw-G07H4	P_1782	40.6			mg/L	0.2		101.5%	40	0.02	40.5953	40.6	1	0.2	4.05953	07/07/06	13:57
lcsw-G07H4	Pd3404	0.100	U		mg/L	0.1			0	0.01	-0.0515	-0.0515	1	0.1	-0.00515	07/07/06	13:57
lcsw-G07H4	S_1820	0.200	U		mg/L	0.2			0	0.02	-0.0391	-0.0391	1	0.2	-0.00391	07/07/06	13:57
lcsw-G07H4	Sb2068	4.85			mg/L	0.15		97.0%	5	0.015	4.8506	4.85	1	0.15	0.48506	07/07/06	13:57
lcsw-G07H4	Si2881	39.9			mg/L	0.2		99.8%	40	0.02	39.9239	39.9	1	0.2	3.99239	07/07/06	13:57
lcsw-G07H4	Pb220	4.79			mg/L	0.05		95.8%	5	0.005	4.79	4.79	1	0.05	0.479	07/07/06	13:57
lcsw-G07H4	Se196	20.0			mg/L	0.05		100.0%	20	0.005	20.0171	20	1	0.05	2.00171	07/07/06	13:57
lcsw-G07H4	Sn1899	0.0500	U		mg/L	0.05			0	0.005	0.0006	0.0006	1	0.05	0.00006	07/07/06	13:57
lcsw-G07H4	Sr4215	0.0500	U		mg/L	0.05			0	0.005	0.009	0.009	1	0.05	0.0009	07/07/06	13:57
lcsw-G07H4	Th2837	0.300	U		mg/L	0.3			0	0.03	-0.2064	-0.206	1	0.3	-0.02064	07/07/06	13:57
lcsw-G07H4	Ti3349	0.0500	U		mg/L	0.05			0	0.005	-0.0068	-0.0068	1	0.05	-0.00068	07/07/06	13:57
lcsw-G07H4	Tl1908	20.2			mg/L	0.1		101.0%	20	0.01	20.178	20.2	1	0.1	2.0178	07/07/06	13:57

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
lcsw-G07H4	U_4090	1.25	U		mg/L	1.25			0	0.125	0.0828	0.0828	1	1.25	0.00828	07/07/06	13:57
lcsw-G07H4	V_2924	4.79			mg/L	0.05		95.8%	5	0.005	4.788	4.79	1	0.05	0.4788	07/07/06	13:57
lcsw-G07H4	W_2079	0.100	U		mg/L	0.1			0	0.01	0.0301	0.0301	1	0.1	0.00301	07/07/06	13:57
lcsw-G07H4	Y_3710	0.0500	U		mg/L	0.05			0	0.005	-0.0071	-0.0071	1	0.05	-0.00071	07/07/06	13:57
lcsw-G07H4	Zn2062	4.90			mg/L	0.05		98.0%	5	0.005	4.9037	4.9	1	0.05	0.49037	07/07/06	13:57
lcsw-G07H4	Zr3496	0.0500	U		mg/L	0.05			0	0.005	-0.0229	-0.0229	1	0.05	-0.00229	07/07/06	13:57
280587	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0117	-0.0117	1	0.05	-0.00117	07/07/06	14:02
280587	Al3082	0.551			mg/L	0.5				0.05	0.5505	0.551	1	0.5	0.05505	07/07/06	14:02
280587	As1890	0.0500	U		mg/L	0.05				0.005	-0.0045	-0.0045	1	0.05	-0.00045	07/07/06	14:02
280587	B_2496	0.888			mg/L	0.2				0.02	0.8875	0.888	1	0.2	0.08875	07/07/06	14:02
280587	Ba4934	0.0977			mg/L	0.05				0.005	0.0977	0.0977	1	0.05	0.00977	07/07/06	14:02
280587	Be3130	0.0500	U		mg/L	0.05				0.005	0.0001	0.0001	1	0.05	0.00001	07/07/06	14:02
280587	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0345	-0.0345	1	0.1	-0.00345	07/07/06	14:02
280587	Ca3179	505			mg/L	0.5				0.05	505.3117	505	1	0.5	50.53117	07/07/06	14:02
280587	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0027	-0.0027	1	0.05	-0.00027	07/07/06	14:02
280587	Co2286	0.0758			mg/L	0.05				0.005	0.0758	0.0758	1	0.05	0.00758	07/07/06	14:02
280587	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0094	-0.0094	1	0.05	-0.00094	07/07/06	14:02
280587	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0428	0.0428	1	0.05	0.00428	07/07/06	14:02
280587	Fe2714	120			mg/L	0.5				0.05	119.6963	120	1	0.5	11.96963	07/07/06	14:02
280587	La3988	0.0500	U		mg/L	0.05				0.005	-0.0144	-0.0144	1	0.05	-0.00144	07/07/06	14:02
280587	Mg2790	106			mg/L	0.5				0.05	105.7448	106	1	0.5	10.57448	07/07/06	14:02
280587	Mn2576	0.799			mg/L	0.05				0.005	0.7988	0.799	1	0.05	0.07988	07/07/06	14:02
280587	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0066	-0.0066	1	0.05	-0.00066	07/07/06	14:02
280587	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0171	0.0171	1	0.05	0.00171	07/07/06	14:02
280587	P_1782	0.218			mg/L	0.2				0.02	0.2184	0.218	1	0.2	0.02184	07/07/06	14:02
280587	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0917	-0.0917	1	0.1	-0.00917	07/07/06	14:02
280587	S_1820	522			mg/L	0.2				0.02	521.5838	522	1	0.2	52.15838	07/07/06	14:02
280587	Sb2068	0.150	U		mg/L	0.15				0.015	-0.01	-0.01	1	0.15	-0.001	07/07/06	14:02
280587	Si2881	24.2			mg/L	0.2				0.02	24.2377	24.2	1	0.2	2.42377	07/07/06	14:02
280587	Pb220	0.0979			mg/L	0.05				0.005	0.0979	0.0979	1	0.05	0.00979	07/07/06	14:02
280587	Se196	0.0500	U		mg/L	0.05				0.005	-0.0081	-0.0081	1	0.05	-0.00081	07/07/06	14:02
280587	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0077	-0.0077	1	0.05	-0.00077	07/07/06	14:02
280587	Sr4215	5.17			mg/L	0.05				0.005	5.1699	5.17	1	0.05	0.51699	07/07/06	14:02
280587	Th2837	0.300	U		mg/L	0.3				0.03	-0.19	-0.19	1	0.3	-0.019	07/07/06	14:02
280587	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0081	-0.0081	1	0.05	-0.00081	07/07/06	14:02
280587	Tl1908	0.100	U		mg/L	0.1				0.01	0.0021	0.0021	1	0.1	0.00021	07/07/06	14:02
280587	U_4090	1.25	U		mg/L	1.25				0.125	-0.5028	-0.503	1	1.25	-0.05028	07/07/06	14:02
280587	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0313	-0.0313	1	0.05	-0.00313	07/07/06	14:02
280587	W_2079	0.100	U		mg/L	0.1				0.01	0.0066	0.0066	1	0.1	0.00066	07/07/06	14:02

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
280587	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0077	-0.0077	1	0.05	-0.00077	07/07/06	14:02
280587	Zn2062	11.8			mg/L	0.05				0.005	11.777	11.8	1	0.05	1.1777	07/07/06	14:02
280587	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0378	-0.0378	1	0.05	-0.00378	07/07/06	14:02
280587d	Ag3280	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0021	-0.0021	1	0.05	-0.00021	07/07/06	14:07
280587d	Al3082	0.534			mg/L	0.5	3.1%			0.05	0.5341	0.534	1	0.5	0.05341	07/07/06	14:07
280587d	As1890	0.0500	U		mg/L	0.05	0.0%			0.005	0.017	0.017	1	0.05	0.0017	07/07/06	14:07
280587d	B_2496	0.890			mg/L	0.2	0.2%			0.02	0.8896	0.89	1	0.2	0.08896	07/07/06	14:07
280587d	Ba4934	0.0953			mg/L	0.05	2.5%			0.005	0.0953	0.0953	1	0.05	0.00953	07/07/06	14:07
280587d	Be3130	0.0500	U		mg/L	0.05	0.0%			0.005	0.0004	0.0004	1	0.05	0.00004	07/07/06	14:07
280587d	Bi2230	0.100	U		mg/L	0.1	0.0%			0.01	0.0192	0.0192	1	0.1	0.00192	07/07/06	14:07
280587d	Ca3179	505			mg/L	0.5	0.0%			0.05	505.4417	505	1	0.5	50.54417	07/07/06	14:07
280587d	Cd2265	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	14:07
280587d	Co2286	0.0801			mg/L	0.05	5.5%			0.005	0.0801	0.0801	1	0.05	0.00801	07/07/06	14:07
280587d	Cr2677	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0043	-0.0043	1	0.05	-0.00043	07/07/06	14:07
280587d	Cu3247	0.0500	U		mg/L	0.05	0.0%			0.005	0.04	0.04	1	0.05	0.004	07/07/06	14:07
280587d	Fe2714	120			mg/L	0.5	0.0%			0.05	119.5114	120	1	0.5	11.95114	07/07/06	14:07
280587d	La3988	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	14:07
280587d	Mg2790	105			mg/L	0.5	0.9%			0.05	105.4804	105	1	0.5	10.54804	07/07/06	14:07
280587d	Mn2576	0.798			mg/L	0.05	0.1%			0.005	0.7977	0.798	1	0.05	0.07977	07/07/06	14:07
280587d	Mo2020	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	14:07
280587d	Ni2316	0.0500	U		mg/L	0.05	0.0%			0.005	0.0274	0.0274	1	0.05	0.00274	07/07/06	14:07
280587d	P_1782	0.200	U	*	mg/L	0.2	200.0%			0.02	0.1489	0.149	1	0.2	0.01489	07/07/06	14:07
280587d	Pd3404	0.100	U		mg/L	0.1	0.0%			0.01	-0.0352	-0.0352	1	0.1	-0.00352	07/07/06	14:07
280587d	S_1820	517			mg/L	0.2	1.0%			0.02	517.0458	517	1	0.2	51.70458	07/07/06	14:07
280587d	Sb2068	0.150	U		mg/L	0.15	0.0%			0.015	0.0413	0.0413	1	0.15	0.00413	07/07/06	14:07
280587d	Si2881	24.1			mg/L	0.2	0.4%			0.02	24.089	24.1	1	0.2	2.4089	07/07/06	14:07
280587d	Pb220	0.0845			mg/L	0.05	14.7%			0.005	0.0845	0.0845	1	0.05	0.00845	07/07/06	14:07
280587d	Se196	0.0500	U		mg/L	0.05	0.0%			0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	14:07
280587d	Sn1899	0.0500	U		mg/L	0.05	0.0%			0.005	0.003	0.003	1	0.05	0.0003	07/07/06	14:07
280587d	Sr4215	5.12			mg/L	0.05	1.0%			0.005	5.1172	5.12	1	0.05	0.51172	07/07/06	14:07
280587d	Th2837	0.300	U		mg/L	0.3	0.0%			0.03	-0.1551	-0.155	1	0.3	-0.01551	07/07/06	14:07
280587d	Ti3349	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0068	-0.0068	1	0.05	-0.00068	07/07/06	14:07
280587d	Tl1908	0.100	U		mg/L	0.1	0.0%			0.01	0.0187	0.0187	1	0.1	0.00187	07/07/06	14:07
280587d	U_4090	1.25	U		mg/L	1.25	0.0%			0.125	-0.1036	-0.104	1	1.25	-0.01036	07/07/06	14:07
280587d	V_2924	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0241	-0.0241	1	0.05	-0.00241	07/07/06	14:07
280587d	W_2079	0.100	U		mg/L	0.1	0.0%			0.01	0.0199	0.0199	1	0.1	0.00199	07/07/06	14:07
280587d	Y_3710	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0064	-0.0064	1	0.05	-0.00064	07/07/06	14:07
280587d	Zn2062	11.8			mg/L	0.05	0.0%			0.005	11.8494	11.8	1	0.05	1.18494	07/07/06	14:07
280587d	Zr3496	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0326	-0.0326	1	0.05	-0.00326	07/07/06	14:07

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
280588	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0039	-0.0039	1	0.05	-0.00039	07/07/06	14:11
280588	Al3082	0.556			mg/L	0.5				0.05	0.5562	0.556	1	0.5	0.05562	07/07/06	14:11
280588	As1890	0.0500	U		mg/L	0.05				0.005	0.0084	0.0084	1	0.05	0.00084	07/07/06	14:11
280588	B_2496	0.882			mg/L	0.2				0.02	0.8817	0.882	1	0.2	0.08817	07/07/06	14:11
280588	Ba4934	0.0893			mg/L	0.05				0.005	0.0893	0.0893	1	0.05	0.00893	07/07/06	14:11
280588	Be3130	0.0500	U		mg/L	0.05				0.005	0.0004	0.0004	1	0.05	0.00004	07/07/06	14:11
280588	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0114	-0.0114	1	0.1	-0.00114	07/07/06	14:11
280588	Ca3179	518			mg/L	0.5				0.05	518.0359	518	1	0.5	51.80359	07/07/06	14:11
280588	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	14:11
280588	Co2286	0.0806			mg/L	0.05				0.005	0.0806	0.0806	1	0.05	0.00806	07/07/06	14:11
280588	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0243	-0.0243	1	0.05	-0.00243	07/07/06	14:11
280588	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0292	0.0292	1	0.05	0.00292	07/07/06	14:11
280588	Fe2714	117			mg/L	0.5				0.05	117.2251	117	1	0.5	11.72251	07/07/06	14:11
280588	La3988	0.0500	U		mg/L	0.05				0.005	-0.0081	-0.0081	1	0.05	-0.00081	07/07/06	14:11
280588	Mg2790	109			mg/L	0.5				0.05	109.1875	109	1	0.5	10.91875	07/07/06	14:11
280588	Mn2576	0.816			mg/L	0.05				0.005	0.8159	0.816	1	0.05	0.08159	07/07/06	14:11
280588	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.003	-0.003	1	0.05	-0.0003	07/07/06	14:11
280588	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	14:11
280588	P_1782	0.229			mg/L	0.2				0.02	0.2288	0.229	1	0.2	0.02288	07/07/06	14:11
280588	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0461	-0.0461	1	0.1	-0.00461	07/07/06	14:11
280588	S_1820	537			mg/L	0.2				0.02	536.5775	537	1	0.2	53.65775	07/07/06	14:11
280588	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0325	-0.0325	1	0.15	-0.00325	07/07/06	14:11
280588	Si2881	24.6			mg/L	0.2				0.02	24.6339	24.6	1	0.2	2.46339	07/07/06	14:11
280588	Pb220	0.0708			mg/L	0.05				0.005	0.0708	0.0708	1	0.05	0.00708	07/07/06	14:11
280588	Se196	0.0500	U		mg/L	0.05				0.005	-0.011	-0.011	1	0.05	-0.0011	07/07/06	14:11
280588	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0186	-0.0186	1	0.05	-0.00186	07/07/06	14:11
280588	Sr4215	5.31			mg/L	0.05				0.005	5.313	5.31	1	0.05	0.5313	07/07/06	14:11
280588	Th2837	0.300	U		mg/L	0.3				0.03	-0.1975	-0.198	1	0.3	-0.01975	07/07/06	14:11
280588	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.011	-0.011	1	0.05	-0.0011	07/07/06	14:11
280588	Tl1908	0.100	U		mg/L	0.1				0.01	0.0197	0.0197	1	0.1	0.00197	07/07/06	14:11
280588	U_4090	1.25	U		mg/L	1.25				0.125	-0.2245	-0.225	1	1.25	-0.02245	07/07/06	14:11
280588	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0361	-0.0361	1	0.05	-0.00361	07/07/06	14:11
280588	W_2079	0.100	U		mg/L	0.1				0.01	-0.0083	-0.0083	1	0.1	-0.00083	07/07/06	14:11
280588	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0091	-0.0091	1	0.05	-0.00091	07/07/06	14:11
280588	Zn2062	11.2			mg/L	0.05				0.005	11.2018	11.2	1	0.05	1.12018	07/07/06	14:11
280588	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0431	-0.0431	1	0.05	-0.00431	07/07/06	14:11
280589	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0017	-0.0017	1	0.05	-0.00017	07/07/06	14:21
280589	Al3082	0.500	U		mg/L	0.5				0.05	0.4611	0.461	1	0.5	0.04611	07/07/06	14:21
280589	As1890	0.0500	U		mg/L	0.05				0.005	-0.0119	-0.0119	1	0.05	-0.00119	07/07/06	14:21

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
280589	B_2496	1.03			mg/L	0.2				0.02	1.0278	1.03	1	0.2	0.10278	07/07/06	14:21
280589	Ba4934	0.0959			mg/L	0.05				0.005	0.0959	0.0959	1	0.05	0.00959	07/07/06	14:21
280589	Be3130	0.0500	U		mg/L	0.05				0.005	0.004	0.004	1	0.05	0.0004	07/07/06	14:21
280589	Bi2230	0.100	U		mg/L	0.1				0.01	0.0123	0.0123	1	0.1	0.00123	07/07/06	14:21
280589	Ca3179	161			mg/L	0.5				0.05	161.1488	161	1	0.5	16.11488	07/07/06	14:21
280589	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0003	0.0003	1	0.05	0.00003	07/07/06	14:21
280589	Co2286	0.0610			mg/L	0.05				0.005	0.061	0.061	1	0.05	0.0061	07/07/06	14:21
280589	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0358	-0.0358	1	0.05	-0.00358	07/07/06	14:21
280589	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0143	-0.0143	1	0.05	-0.00143	07/07/06	14:21
280589	Fe2714	20.8			mg/L	0.5				0.05	20.8268	20.8	1	0.5	2.08268	07/07/06	14:21
280589	La3988	0.0500	U		mg/L	0.05				0.005	0.0066	0.0066	1	0.05	0.00066	07/07/06	14:21
280589	Mg2790	43.8			mg/L	0.5				0.05	43.7957	43.8	1	0.5	4.37957	07/07/06	14:21
280589	Mn2576	1.01			mg/L	0.05				0.005	1.0098	1.01	1	0.05	0.10098	07/07/06	14:21
280589	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0155	-0.0155	1	0.05	-0.00155	07/07/06	14:21
280589	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0045	-0.0045	1	0.05	-0.00045	07/07/06	14:21
280589	P_1782	0.283			mg/L	0.2				0.02	0.2834	0.283	1	0.2	0.02834	07/07/06	14:21
280589	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0217	-0.0217	1	0.1	-0.00217	07/07/06	14:21
280589	S_1820	192			mg/L	0.2				0.02	192.406	192	1	0.2	19.2406	07/07/06	14:21
280589	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0124	-0.0124	1	0.15	-0.00124	07/07/06	14:21
280589	Si2881	13.8			mg/L	0.2				0.02	13.8094	13.8	1	0.2	1.38094	07/07/06	14:21
280589	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0067	-0.0067	1	0.05	-0.00067	07/07/06	14:21
280589	Se196	0.0500	U		mg/L	0.05				0.005	0.0114	0.0114	1	0.05	0.00114	07/07/06	14:21
280589	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0103	0.0103	1	0.05	0.00103	07/07/06	14:21
280589	Sr4215	1.05			mg/L	0.05				0.005	1.048	1.05	1	0.05	0.1048	07/07/06	14:21
280589	Th2837	0.300	U		mg/L	0.3				0.03	-0.1402	-0.14	1	0.3	-0.01402	07/07/06	14:21
280589	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0092	-0.0092	1	0.05	-0.00092	07/07/06	14:21
280589	Tl1908	0.100	U		mg/L	0.1				0.01	0.0153	0.0153	1	0.1	0.00153	07/07/06	14:21
280589	U_4090	1.25	U		mg/L	1.25				0.125	-0.0294	-0.0294	1	1.25	-0.00294	07/07/06	14:21
280589	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0297	-0.0297	1	0.05	-0.00297	07/07/06	14:21
280589	W_2079	0.100	U		mg/L	0.1				0.01	0.0031	0.0031	1	0.1	0.00031	07/07/06	14:21
280589	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0022	0.0022	1	0.05	0.00022	07/07/06	14:21
280589	Zn2062	0.790			mg/L	0.05				0.005	0.79	0.79	1	0.05	0.079	07/07/06	14:21
280589	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0347	-0.0347	1	0.05	-0.00347	07/07/06	14:21
280590	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0052	-0.0052	1	0.05	-0.00052	07/07/06	14:26
280590	Al3082	0.500	U		mg/L	0.5				0.05	0.4147	0.415	1	0.5	0.04147	07/07/06	14:26
280590	As1890	0.0500	U		mg/L	0.05				0.005	-0.0272	-0.0272	1	0.05	-0.00272	07/07/06	14:26
280590	B_2496	0.948			mg/L	0.2				0.02	0.9483	0.948	1	0.2	0.09483	07/07/06	14:26
280590	Ba4934	0.0923			mg/L	0.05				0.005	0.0923	0.0923	1	0.05	0.00923	07/07/06	14:26
280590	Be3130	0.0500	U		mg/L	0.05				0.005	0.004	0.004	1	0.05	0.0004	07/07/06	14:26

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
280590	Bi2230	0.100	U		mg/L	0.1				0.01	-0.004	-0.004	1	0.1	-0.0004	07/07/06	14:26
280590	Ca3179	165			mg/L	0.5				0.05	164.9286	165	1	0.5	16.49286	07/07/06	14:26
280590	Cd2265	0.0500	U		mg/L	0.05				0.005	0.001	0.001	1	0.05	0.0001	07/07/06	14:26
280590	Co2286	0.0770			mg/L	0.05				0.005	0.077	0.077	1	0.05	0.0077	07/07/06	14:26
280590	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0336	-0.0336	1	0.05	-0.00336	07/07/06	14:26
280590	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0164	-0.0164	1	0.05	-0.00164	07/07/06	14:26
280590	Fe2714	21.7			mg/L	0.5				0.05	21.6594	21.7	1	0.5	2.16594	07/07/06	14:26
280590	La3988	0.0500	U		mg/L	0.05				0.005	0.0002	0.0002	1	0.05	0.00002	07/07/06	14:26
280590	Mg2790	44.0			mg/L	0.5				0.05	44.0067	44	1	0.5	4.40067	07/07/06	14:26
280590	Mn2576	1.01			mg/L	0.05				0.005	1.0109	1.01	1	0.05	0.10109	07/07/06	14:26
280590	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0076	-0.0076	1	0.05	-0.00076	07/07/06	14:26
280590	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0011	0.0011	1	0.05	0.00011	07/07/06	14:26
280590	P_1782	0.291			mg/L	0.2				0.02	0.2906	0.291	1	0.2	0.02906	07/07/06	14:26
280590	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0579	-0.0579	1	0.1	-0.00579	07/07/06	14:26
280590	S_1820	192			mg/L	0.2				0.02	191.888	192	1	0.2	19.1888	07/07/06	14:26
280590	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0541	-0.0541	1	0.15	-0.00541	07/07/06	14:26
280590	Si2881	13.9			mg/L	0.2				0.02	13.8517	13.9	1	0.2	1.38517	07/07/06	14:26
280590	Pb220	0.0500	U		mg/L	0.05				0.005	-0.016	-0.016	1	0.05	-0.0016	07/07/06	14:26
280590	Se196	0.0500	U		mg/L	0.05				0.005	0.0093	0.0093	1	0.05	0.00093	07/07/06	14:26
280590	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0103	0.0103	1	0.05	0.00103	07/07/06	14:26
280590	Sr4215	1.05			mg/L	0.05				0.005	1.0524	1.05	1	0.05	0.10524	07/07/06	14:26
280590	Th2837	0.300	U		mg/L	0.3				0.03	-0.1412	-0.141	1	0.3	-0.01412	07/07/06	14:26
280590	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0072	-0.0072	1	0.05	-0.00072	07/07/06	14:26
280590	Tl1908	0.100	U		mg/L	0.1				0.01	0.0096	0.0096	1	0.1	0.00096	07/07/06	14:26
280590	U_4090	1.25	U		mg/L	1.25				0.125	-0.0158	-0.0158	1	1.25	-0.00158	07/07/06	14:26
280590	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0303	-0.0303	1	0.05	-0.00303	07/07/06	14:26
280590	W_2079	0.100	U		mg/L	0.1				0.01	0.0179	0.0179	1	0.1	0.00179	07/07/06	14:26
280590	Y_3710	0.0500	U		mg/L	0.05				0.005	0.0039	0.0039	1	0.05	0.00039	07/07/06	14:26
280590	Zn2062	1.54			mg/L	0.05				0.005	1.537	1.54	1	0.05	0.1537	07/07/06	14:26
280590	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.027	-0.027	1	0.05	-0.0027	07/07/06	14:26
280643	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0058	-0.0058	1	0.05	-0.00058	07/07/06	14:30
280643	Al3082	0.500	U		mg/L	0.5				0.05	0.052	0.052	1	0.5	0.0052	07/07/06	14:30
280643	As1890	0.0500	U		mg/L	0.05				0.005	-0.0089	-0.0089	1	0.05	-0.00089	07/07/06	14:30
280643	B_2496	0.200	U		mg/L	0.2				0.02	0.0178	0.0178	1	0.2	0.00178	07/07/06	14:30
280643	Ba4934	0.0500	U		mg/L	0.05				0.005	-0.0029	-0.0029	1	0.05	-0.00029	07/07/06	14:30
280643	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0004	-0.0004	1	0.05	-0.00004	07/07/06	14:30
280643	Bi2230	0.100	U		mg/L	0.1				0.01	0.0092	0.0092	1	0.1	0.00092	07/07/06	14:30
280643	Ca3179	14.0			mg/L	0.5				0.05	14.0272	14	1	0.5	1.40272	07/07/06	14:30
280643	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0004	0.0004	1	0.05	0.00004	07/07/06	14:30

0101179

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
280643	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	14:30
280643	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0282	-0.0282	1	0.05	-0.00282	07/07/06	14:30
280643	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0178	-0.0178	1	0.05	-0.00178	07/07/06	14:30
280643	Fe2714	0.500	U		mg/L	0.5				0.05	-0.2176	-0.218	1	0.5	-0.02176	07/07/06	14:30
280643	La3988	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	07/07/06	14:30
280643	Mg2790	1.13			mg/L	0.5				0.05	1.1327	1.13	1	0.5	0.11327	07/07/06	14:30
280643	Mn2576	0.0500	U		mg/L	0.05				0.005	-0.0023	-0.0023	1	0.05	-0.00023	07/07/06	14:30
280643	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0042	-0.0042	1	0.05	-0.00042	07/07/06	14:30
280643	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0138	-0.0138	1	0.05	-0.00138	07/07/06	14:30
280643	P_1782	0.200	U		mg/L	0.2				0.02	0.0757	0.0757	1	0.2	0.00757	07/07/06	14:30
280643	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0461	-0.0461	1	0.1	-0.00461	07/07/06	14:30
280643	S_1820	9.32			mg/L	0.2				0.02	9.3168	9.32	1	0.2	0.93168	07/07/06	14:30
280643	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0255	-0.0255	1	0.15	-0.00255	07/07/06	14:30
280643	Si2881	11.8			mg/L	0.2				0.02	11.7964	11.8	1	0.2	1.17964	07/07/06	14:30
280643	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0057	-0.0057	1	0.05	-0.00057	07/07/06	14:30
280643	Se196	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	14:30
280643	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0015	-0.0015	1	0.05	-0.00015	07/07/06	14:30
280643	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0121	0.0121	1	0.05	0.00121	07/07/06	14:30
280643	Th2837	0.300	U		mg/L	0.3				0.03	-0.0717	-0.0717	1	0.3	-0.00717	07/07/06	14:30
280643	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.006	-0.006	1	0.05	-0.0006	07/07/06	14:30
280643	Tl1908	0.100	U		mg/L	0.1				0.01	0.016	0.016	1	0.1	0.0016	07/07/06	14:30
280643	U_4090	1.25	U		mg/L	1.25				0.125	-0.1667	-0.167	1	1.25	-0.01667	07/07/06	14:30
280643	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0231	-0.0231	1	0.05	-0.00231	07/07/06	14:30
280643	W_2079	0.100	U		mg/L	0.1				0.01	-0.0018	-0.0018	1	0.1	-0.00018	07/07/06	14:30
280643	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0046	-0.0046	1	0.05	-0.00046	07/07/06	14:30
280643	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0018	0.0018	1	0.05	0.00018	07/07/06	14:30
280643	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0234	-0.0234	1	0.05	-0.00234	07/07/06	14:30
280644	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0024	0.0024	1	0.05	0.00024	07/07/06	14:35
280644	Al3082	0.500	U		mg/L	0.5				0.05	0.1307	0.131	1	0.5	0.01307	07/07/06	14:35
280644	As1890	0.0500	U		mg/L	0.05				0.005	-0.0103	-0.0103	1	0.05	-0.00103	07/07/06	14:35
280644	B_2496	0.200	U		mg/L	0.2				0.02	0.0089	0.0089	1	0.2	0.00089	07/07/06	14:35
280644	Ba4934	0.0500	U		mg/L	0.05				0.005	-0.0032	-0.0032	1	0.05	-0.00032	07/07/06	14:35
280644	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	14:35
280644	Bi2230	0.100	U		mg/L	0.1				0.01	0.0275	0.0275	1	0.1	0.00275	07/07/06	14:35
280644	Ca3179	0.500	U		mg/L	0.5				0.05	0.3454	0.345	1	0.5	0.03454	07/07/06	14:35
280644	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	14:35
280644	Co2286	0.0500	U		mg/L	0.05				0.005	0.0021	0.0021	1	0.05	0.00021	07/07/06	14:35
280644	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0285	-0.0285	1	0.05	-0.00285	07/07/06	14:35
280644	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0161	-0.0161	1	0.05	-0.00161	07/07/06	14:35

010180

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
280644	Fe2714	0.500	U		mg/L	0.5				0.05	0.1092	0.109	1	0.5	0.01092	07/07/06	14:35
280644	La3988	0.0500	U		mg/L	0.05				0.005	0.0057	0.0057	1	0.05	0.00057	07/07/06	14:35
280644	Mg2790	1.21			mg/L	0.5				0.05	1.2055	1.21	1	0.5	0.12055	07/07/06	14:35
280644	Mn2576	0.0500	U		mg/L	0.05				0.005	-0.0023	-0.0023	1	0.05	-0.00023	07/07/06	14:35
280644	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0091	-0.0091	1	0.05	-0.00091	07/07/06	14:35
280644	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0249	-0.0249	1	0.05	-0.00249	07/07/06	14:35
280644	P_1782	0.200	U		mg/L	0.2				0.02	0.1509	0.151	1	0.2	0.01509	07/07/06	14:35
280644	Pd3404	0.100	U		mg/L	0.1				0.01	0.0028	0.0028	1	0.1	0.00028	07/07/06	14:35
280644	S_1820	9.58			mg/L	0.2				0.02	9.5843	9.58	1	0.2	0.95843	07/07/06	14:35
280644	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0299	-0.0299	1	0.15	-0.00299	07/07/06	14:35
280644	Si2881	11.8			mg/L	0.2				0.02	11.8272	11.8	1	0.2	1.18272	07/07/06	14:35
280644	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0041	-0.0041	1	0.05	-0.00041	07/07/06	14:35
280644	Se196	0.0500	U		mg/L	0.05				0.005	-0.0028	-0.0028	1	0.05	-0.00028	07/07/06	14:35
280644	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0013	0.0013	1	0.05	0.00013	07/07/06	14:35
280644	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0026	0.0026	1	0.05	0.00026	07/07/06	14:35
280644	Th2837	0.300	U		mg/L	0.3				0.03	-0.1102	-0.11	1	0.3	-0.01102	07/07/06	14:35
280644	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0069	-0.0069	1	0.05	-0.00069	07/07/06	14:35
280644	Tl1908	0.100	U		mg/L	0.1				0.01	0.0354	0.0354	1	0.1	0.00354	07/07/06	14:35
280644	U_4090	1.25	U		mg/L	1.25				0.125	0.2946	0.295	1	1.25	0.02946	07/07/06	14:35
280644	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0195	-0.0195	1	0.05	-0.00195	07/07/06	14:35
280644	W_2079	0.100	U		mg/L	0.1				0.01	0.0233	0.0233	1	0.1	0.00233	07/07/06	14:35
280644	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0047	-0.0047	1	0.05	-0.00047	07/07/06	14:35
280644	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0039	0.0039	1	0.05	0.00039	07/07/06	14:35
280644	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0219	-0.0219	1	0.05	-0.00219	07/07/06	14:35
280645	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0019	-0.0019	1	0.05	-0.00019	07/07/06	14:50
280645	Al3082	0.500	U		mg/L	0.5				0.05	-0.0803	-0.0803	1	0.5	-0.00803	07/07/06	14:50
280645	As1890	0.0500	U		mg/L	0.05				0.005	0.0076	0.0076	1	0.05	0.00076	07/07/06	14:50
280645	B_2496	0.200	U		mg/L	0.2				0.02	0.0421	0.0421	1	0.2	0.00421	07/07/06	14:50
280645	Ba4934	0.0500	U		mg/L	0.05				0.005	-0.0044	-0.0044	1	0.05	-0.00044	07/07/06	14:50
280645	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	07/07/06	14:50
280645	Bi2230	0.100	U		mg/L	0.1				0.01	0.0257	0.0257	1	0.1	0.00257	07/07/06	14:50
280645	Ca3179	0.500	U		mg/L	0.5				0.05	0.2554	0.255	1	0.5	0.02554	07/07/06	14:50
280645	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.001	-0.001	1	0.05	-0.0001	07/07/06	14:50
280645	Co2286	0.0500	U		mg/L	0.05				0.005	0.0014	0.0014	1	0.05	0.00014	07/07/06	14:50
280645	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0229	-0.0229	1	0.05	-0.00229	07/07/06	14:50
280645	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0245	-0.0245	1	0.05	-0.00245	07/07/06	14:50
280645	Fe2714	0.500	U		mg/L	0.5				0.05	-0.1387	-0.139	1	0.5	-0.01387	07/07/06	14:50
280645	La3988	0.0500	U		mg/L	0.05				0.005	0.0015	0.0015	1	0.05	0.00015	07/07/06	14:50
280645	Mg2790	0.500	U		mg/L	0.5				0.05	0.0014	0.0014	1	0.5	0.00014	07/07/06	14:50

0101181

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
280645	Mn2576	0.0500	U		mg/L	0.05				0.005	-0.0019	-0.0019	1	0.05	-0.00019	07/07/06	14:50
280645	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0073	0.0073	1	0.05	0.00073	07/07/06	14:50
280645	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0103	-0.0103	1	0.05	-0.00103	07/07/06	14:50
280645	P_1782	0.200	U		mg/L	0.2				0.02	0.1088	0.109	1	0.2	0.01088	07/07/06	14:50
280645	Pd3404	0.100	U		mg/L	0.1				0.01	-0.028	-0.028	1	0.1	-0.0028	07/07/06	14:50
280645	S_1820	0.200	U		mg/L	0.2				0.02	-0.1235	-0.124	1	0.2	-0.01235	07/07/06	14:50
280645	Sb2068	0.519			mg/L	0.15				0.015	0.5189	0.519	1	0.15	0.05189	07/07/06	14:50
280645	Si2881	0.200	U		mg/L	0.2				0.02	-0.1217	-0.122	1	0.2	-0.01217	07/07/06	14:50
280645	Pb220	0.0500	U		mg/L	0.05				0.005	-0.007	-0.007	1	0.05	-0.0007	07/07/06	14:50
280645	Se196	0.0500	U		mg/L	0.05				0.005	0.0183	0.0183	1	0.05	0.00183	07/07/06	14:50
280645	Sn1899	0.0500	U		mg/L	0.05				0.005	0.001	0.001	1	0.05	0.0001	07/07/06	14:50
280645	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0022	0.0022	1	0.05	0.00022	07/07/06	14:50
280645	Th2837	0.300	U		mg/L	0.3				0.03	-0.0839	-0.0839	1	0.3	-0.00839	07/07/06	14:50
280645	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0098	-0.0098	1	0.05	-0.00098	07/07/06	14:50
280645	Tl1908	0.100	U		mg/L	0.1				0.01	0.0265	0.0265	1	0.1	0.00265	07/07/06	14:50
280645	U_4090	1.25	U		mg/L	1.25				0.125	0.0823	0.0823	1	1.25	0.00823	07/07/06	14:50
280645	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0171	-0.0171	1	0.05	-0.00171	07/07/06	14:50
280645	W_2079	0.100	U		mg/L	0.1				0.01	0.0137	0.0137	1	0.1	0.00137	07/07/06	14:50
280645	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0042	-0.0042	1	0.05	-0.00042	07/07/06	14:50
280645	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0028	0.0028	1	0.05	0.00028	07/07/06	14:50
280645	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0218	-0.0218	1	0.05	-0.00218	07/07/06	14:50
280646	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0051	-0.0051	1	0.05	-0.00051	07/07/06	14:54
280646	Al3082	0.500	U		mg/L	0.5				0.05	0.4089	0.409	1	0.5	0.04089	07/07/06	14:54
280646	As1890	0.0500	U		mg/L	0.05				0.005	0.0116	0.0116	1	0.05	0.00116	07/07/06	14:54
280646	B_2496	0.200	U		mg/L	0.2				0.02	0.0082	0.0082	1	0.2	0.00082	07/07/06	14:54
280646	Ba4934	0.0500	U		mg/L	0.05				0.005	-0.0051	-0.0051	1	0.05	-0.00051	07/07/06	14:54
280646	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	14:54
280646	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0252	-0.0252	1	0.1	-0.00252	07/07/06	14:54
280646	Ca3179	20.1			mg/L	0.5				0.05	20.1469	20.1	1	0.5	2.01469	07/07/06	14:54
280646	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0006	-0.0006	1	0.05	-0.00006	07/07/06	14:54
280646	Co2286	0.0500	U		mg/L	0.05				0.005	0.0117	0.0117	1	0.05	0.00117	07/07/06	14:54
280646	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0403	-0.0403	1	0.05	-0.00403	07/07/06	14:54
280646	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.025	-0.025	1	0.05	-0.0025	07/07/06	14:54
280646	Fe2714	19.7			mg/L	0.5				0.05	19.714	19.7	1	0.5	1.9714	07/07/06	14:54
280646	La3988	0.0500	U		mg/L	0.05				0.005	-0.0029	-0.0029	1	0.05	-0.00029	07/07/06	14:54
280646	Mg2790	19.3			mg/L	0.5				0.05	19.2504	19.3	1	0.5	1.92504	07/07/06	14:54
280646	Mn2576	0.0500	U		mg/L	0.05				0.005	-0.0034	-0.0034	1	0.05	-0.00034	07/07/06	14:54
280646	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0129	-0.0129	1	0.05	-0.00129	07/07/06	14:54
280646	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0328	-0.0328	1	0.05	-0.00328	07/07/06	14:54

010182

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
280646	P_1782	0.200	U		mg/L	0.2				0.02	0.0922	0.0922	1	0.2	0.00922	07/07/06	14:54
280646	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0644	-0.0644	1	0.1	-0.00644	07/07/06	14:54
280646	S_1820	0.200	U		mg/L	0.2				0.02	0.0258	0.0258	1	0.2	0.00258	07/07/06	14:54
280646	Sb2068	0.150	U		mg/L	0.15				0.015	-0.1175	-0.118	1	0.15	-0.01175	07/07/06	14:54
280646	Si2881	0.200	U		mg/L	0.2				0.02	-0.0416	-0.0416	1	0.2	-0.00416	07/07/06	14:54
280646	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0064	-0.0064	1	0.05	-0.00064	07/07/06	14:54
280646	Se196	0.0500	U		mg/L	0.05				0.005	0.0086	0.0086	1	0.05	0.00086	07/07/06	14:54
280646	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.014	-0.014	1	0.05	-0.0014	07/07/06	14:54
280646	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0027	0.0027	1	0.05	0.00027	07/07/06	14:54
280646	Th2837	0.300	U		mg/L	0.3				0.03	-0.1438	-0.144	1	0.3	-0.01438	07/07/06	14:54
280646	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0096	-0.0096	1	0.05	-0.00096	07/07/06	14:54
280646	Tl1908	0.100	U		mg/L	0.1				0.01	0.0107	0.0107	1	0.1	0.00107	07/07/06	14:54
280646	U_4090	1.25	U		mg/L	1.25				0.125	-0.0508	-0.0508	1	1.25	-0.00508	07/07/06	14:54
280646	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0302	-0.0302	1	0.05	-0.00302	07/07/06	14:54
280646	W_2079	0.100	U		mg/L	0.1				0.01	0.0328	0.0328	1	0.1	0.00328	07/07/06	14:54
280646	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0064	-0.0064	1	0.05	-0.00064	07/07/06	14:54
280646	Zn2062	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	14:54
280646	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0358	-0.0358	1	0.05	-0.00358	07/07/06	14:54
280647	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0018	-0.0018	1	0.05	-0.00018	07/07/06	14:59
280647	Al3082	0.500	U		mg/L	0.5				0.05	0.1281	0.128	1	0.5	0.01281	07/07/06	14:59
280647	As1890	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	07/07/06	14:59
280647	B_2496	0.200	U		mg/L	0.2				0.02	0.0165	0.0165	1	0.2	0.00165	07/07/06	14:59
280647	Ba4934	0.0500	U		mg/L	0.05				0.005	-0.0026	-0.0026	1	0.05	-0.00026	07/07/06	14:59
280647	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0006	-0.0006	1	0.05	-0.00006	07/07/06	14:59
280647	Bi2230	0.100	U		mg/L	0.1				0.01	0.0375	0.0375	1	0.1	0.00375	07/07/06	14:59
280647	Ca3179	20.4			mg/L	0.5				0.05	20.3869	20.4	1	0.5	2.03869	07/07/06	14:59
280647	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0019	0.0019	1	0.05	0.00019	07/07/06	14:59
280647	Co2286	0.0500	U		mg/L	0.05				0.005	0.014	0.014	1	0.05	0.0014	07/07/06	14:59
280647	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0271	-0.0271	1	0.05	-0.00271	07/07/06	14:59
280647	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0145	-0.0145	1	0.05	-0.00145	07/07/06	14:59
280647	Fe2714	19.8			mg/L	0.5				0.05	19.7639	19.8	1	0.5	1.97639	07/07/06	14:59
280647	La3988	0.0500	U		mg/L	0.05				0.005	0.0058	0.0058	1	0.05	0.00058	07/07/06	14:59
280647	Mg2790	19.4			mg/L	0.5				0.05	19.4374	19.4	1	0.5	1.94374	07/07/06	14:59
280647	Mn2576	0.0500	U		mg/L	0.05				0.005	-0.0022	-0.0022	1	0.05	-0.00022	07/07/06	14:59
280647	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0045	-0.0045	1	0.05	-0.00045	07/07/06	14:59
280647	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0292	-0.0292	1	0.05	-0.00292	07/07/06	14:59
280647	P_1782	0.200	U		mg/L	0.2				0.02	0.0166	0.0166	1	0.2	0.00166	07/07/06	14:59
280647	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0418	-0.0418	1	0.1	-0.00418	07/07/06	14:59
280647	S_1820	0.200	U		mg/L	0.2				0.02	0.0467	0.0467	1	0.2	0.00467	07/07/06	14:59

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
280647	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0492	-0.0492	1	0.15	-0.00492	07/07/06	14:59
280647	Si2881	0.200	U		mg/L	0.2				0.02	-0.0182	-0.0182	1	0.2	-0.00182	07/07/06	14:59
280647	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0132	-0.0132	1	0.05	-0.00132	07/07/06	14:59
280647	Se196	0.0500	U		mg/L	0.05				0.005	0.0178	0.0178	1	0.05	0.00178	07/07/06	14:59
280647	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0011	0.0011	1	0.05	0.00011	07/07/06	14:59
280647	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0031	0.0031	1	0.05	0.00031	07/07/06	14:59
280647	Th2837	0.300	U		mg/L	0.3				0.03	-0.1139	-0.114	1	0.3	-0.01139	07/07/06	14:59
280647	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0064	-0.0064	1	0.05	-0.00064	07/07/06	14:59
280647	Tl1908	0.100	U		mg/L	0.1				0.01	0.031	0.031	1	0.1	0.0031	07/07/06	14:59
280647	U_4090	1.25	U		mg/L	1.25				0.125	0.2858	0.286	1	1.25	0.02858	07/07/06	14:59
280647	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0224	-0.0224	1	0.05	-0.00224	07/07/06	14:59
280647	W_2079	0.100	U		mg/L	0.1				0.01	0.0094	0.0094	1	0.1	0.00094	07/07/06	14:59
280647	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	07/07/06	14:59
280647	Zn2062	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	14:59
280647	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0193	-0.0193	1	0.05	-0.00193	07/07/06	14:59
pbw-G07H3	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0033	0.0033	1	0.05	0.00033	07/07/06	15:33
pbw-G07H3	Al3082	0.500	U		mg/L	0.5				0.05	0.1056	0.106	1	0.5	0.01056	07/07/06	15:33
pbw-G07H3	As1890	0.0500	U		mg/L	0.05				0.005	-0.0147	-0.0147	1	0.05	-0.00147	07/07/06	15:33
pbw-G07H3	B_2496	0.200	U		mg/L	0.2				0.02	0.0605	0.0605	1	0.2	0.00605	07/07/06	15:33
pbw-G07H3	Ba4934	0.0500	U		mg/L	0.05				0.005	0.0003	0.0003	1	0.05	0.00003	07/07/06	15:33
pbw-G07H3	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0006	-0.0006	1	0.05	-0.00006	07/07/06	15:33
pbw-G07H3	Bi2230	0.100	U		mg/L	0.1				0.01	0.0361	0.0361	1	0.1	0.00361	07/07/06	15:33
pbw-G07H3	Ca3179	0.500	U		mg/L	0.5				0.05	0.2944	0.294	1	0.5	0.02944	07/07/06	15:33
pbw-G07H3	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0031	0.0031	1	0.05	0.00031	07/07/06	15:33
pbw-G07H3	Co2286	0.0500	U		mg/L	0.05				0.005	0.006	0.006	1	0.05	0.0006	07/07/06	15:33
pbw-G07H3	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	07/07/06	15:33
pbw-G07H3	Cu3247	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	15:33
pbw-G07H3	Fe2714	0.500	U		mg/L	0.5				0.05	-0.2181	-0.218	1	0.5	-0.02181	07/07/06	15:33
pbw-G07H3	La3988	0.0500	U		mg/L	0.05				0.005	0.0069	0.0069	1	0.05	0.00069	07/07/06	15:33
pbw-G07H3	Mg2790	0.500	U		mg/L	0.5				0.05	0.0327	0.0327	1	0.5	0.00327	07/07/06	15:33
pbw-G07H3	Mn2576	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	15:33
pbw-G07H3	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0056	0.0056	1	0.05	0.00056	07/07/06	15:33
pbw-G07H3	Ni2316	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	15:33
pbw-G07H3	P_1782	0.200	U		mg/L	0.2				0.02	0.0544	0.0544	1	0.2	0.00544	07/07/06	15:33
pbw-G07H3	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0389	-0.0389	1	0.1	-0.00389	07/07/06	15:33
pbw-G07H3	S_1820	0.200	U		mg/L	0.2				0.02	-0.0265	-0.0265	1	0.2	-0.00265	07/07/06	15:33
pbw-G07H3	Sb2068	0.150	U		mg/L	0.15				0.015	0	0	1	0.15	0	07/07/06	15:33
pbw-G07H3	Si2881	0.200	U		mg/L	0.2				0.02	0.0055	0.0055	1	0.2	0.00055	07/07/06	15:33
pbw-G07H3	Pb220	0.0500	U		mg/L	0.05				0.005	0.0003	0.0003	1	0.05	0.00003	07/07/06	15:33

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
pbw-G07H3	Se196	0.0500	U		mg/L	0.05				0.005	-0.0047	-0.0047	1	0.05	-0.00047	07/07/06	15:33
pbw-G07H3	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0014	0.0014	1	0.05	0.00014	07/07/06	15:33
pbw-G07H3	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0027	0.0027	1	0.05	0.00027	07/07/06	15:33
pbw-G07H3	Th2837	0.300	U		mg/L	0.3				0.03	-0.0232	-0.0232	1	0.3	-0.00232	07/07/06	15:33
pbw-G07H3	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0004	-0.0004	1	0.05	-0.00004	07/07/06	15:33
pbw-G07H3	Tl1908	0.100	U		mg/L	0.1				0.01	0.0212	0.0212	1	0.1	0.00212	07/07/06	15:33
pbw-G07H3	U_4090	1.25	U		mg/L	1.25				0.125	0.2884	0.288	1	1.25	0.02884	07/07/06	15:33
pbw-G07H3	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0017	-0.0017	1	0.05	-0.00017	07/07/06	15:33
pbw-G07H3	W_2079	0.100	U		mg/L	0.1				0.01	0.0181	0.0181	1	0.1	0.00181	07/07/06	15:33
pbw-G07H3	Y_3710	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	15:33
pbw-G07H3	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0023	0.0023	1	0.05	0.00023	07/07/06	15:33
pbw-G07H3	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0006	-0.0006	1	0.05	-0.00006	07/07/06	15:33
lcsw-G07H3	Ag3280	0.483			mg/L	0.05		96.6%	0.5	0.005	0.483	0.483	1	0.05	0.0483	07/07/06	15:37
lcsw-G07H3	Al3082	19.4			mg/L	0.5		97.0%	20	0.05	19.3733	19.4	1	0.5	1.93733	07/07/06	15:37
lcsw-G07H3	As1890	19.7			mg/L	0.05		98.5%	20	0.005	19.7105	19.7	1	0.05	1.97105	07/07/06	15:37
lcsw-G07H3	B_2496	0.200	U		mg/L	0.2			0	0.02	0.0254	0.0254	1	0.2	0.00254	07/07/06	15:37
lcsw-G07H3	Ba4934	20.0			mg/L	0.05		100.0%	20	0.005	19.9872	20	1	0.05	1.99872	07/07/06	15:37
lcsw-G07H3	Be3130	0.495			mg/L	0.05		99.0%	0.5	0.005	0.495	0.495	1	0.05	0.0495	07/07/06	15:37
lcsw-G07H3	Bi2230	0.100	U		mg/L	0.1			0	0.01	-0.0206	-0.0206	1	0.1	-0.00206	07/07/06	15:37
lcsw-G07H3	Ca3179	204			mg/L	0.5		102.0%	200	0.05	203.5245	204	1	0.5	20.35245	07/07/06	15:37
lcsw-G07H3	Cd2265	0.488			mg/L	0.05		97.6%	0.5	0.005	0.4877	0.488	1	0.05	0.04877	07/07/06	15:37
lcsw-G07H3	Co2286	4.93			mg/L	0.05		98.6%	5	0.005	4.9286	4.93	1	0.05	0.49286	07/07/06	15:37
lcsw-G07H3	Cr2677	1.90			mg/L	0.05		95.0%	2	0.005	1.8999	1.9	1	0.05	0.18999	07/07/06	15:37
lcsw-G07H3	Cu3247	2.41			mg/L	0.05		96.4%	2.5	0.005	2.4089	2.41	1	0.05	0.24089	07/07/06	15:37
lcsw-G07H3	Fe2714	10.9			mg/L	0.5		109.0%	10	0.05	10.9215	10.9	1	0.5	1.09215	07/07/06	15:37
lcsw-G07H3	La3988	0.0500	U		mg/L	0.05			0	0.005	-0.0031	-0.0031	1	0.05	-0.00031	07/07/06	15:37
lcsw-G07H3	Mg2790	201			mg/L	0.5		100.5%	200	0.05	201.3111	201	1	0.5	20.13111	07/07/06	15:37
lcsw-G07H3	Mn2576	4.97			mg/L	0.05		99.4%	5	0.005	4.9659	4.97	1	0.05	0.49659	07/07/06	15:37
lcsw-G07H3	Mo2020	0.0500	U		mg/L	0.05			0	0.005	-0.0129	-0.0129	1	0.05	-0.00129	07/07/06	15:37
lcsw-G07H3	Ni2316	4.74			mg/L	0.05		94.8%	5	0.005	4.742	4.74	1	0.05	0.4742	07/07/06	15:37
lcsw-G07H3	P_1782	40.4			mg/L	0.2		101.0%	40	0.02	40.3736	40.4	1	0.2	4.03736	07/07/06	15:37
lcsw-G07H3	Pd3404	0.100	U		mg/L	0.1			0	0.01	-0.0546	-0.0546	1	0.1	-0.00546	07/07/06	15:37
lcsw-G07H3	S_1820	0.200	U		mg/L	0.2			0	0.02	-0.0252	-0.0252	1	0.2	-0.00252	07/07/06	15:37
lcsw-G07H3	Sb2068	4.79			mg/L	0.15		95.8%	5	0.015	4.7899	4.79	1	0.15	0.47899	07/07/06	15:37
lcsw-G07H3	Si2881	40.1			mg/L	0.2		100.3%	40	0.02	40.0789	40.1	1	0.2	4.00789	07/07/06	15:37
lcsw-G07H3	Pb220	4.78			mg/L	0.05		95.6%	5	0.005	4.7814	4.78	1	0.05	0.47814	07/07/06	15:37
lcsw-G07H3	Se196	20.1			mg/L	0.05		100.5%	20	0.005	20.1045	20.1	1	0.05	2.01045	07/07/06	15:37
lcsw-G07H3	Sn1899	0.0500	U		mg/L	0.05			0	0.005	-0.0094	-0.0094	1	0.05	-0.00094	07/07/06	15:37
lcsw-G07H3	Sr4215	0.0500	U		mg/L	0.05			0	0.005	0.0088	0.0088	1	0.05	0.00088	07/07/06	15:37

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
lcsw-G07H3	Th2837	0.300	U		mg/L	0.3			0	0.03	-0.2806	-0.281	1	0.3	-0.02806	07/07/06	15:37
lcsw-G07H3	Ti3349	0.0500	U		mg/L	0.05			0	0.005	-0.0058	-0.0058	1	0.05	-0.00058	07/07/06	15:37
lcsw-G07H3	Tl1908	20.2			mg/L	0.1		101.0%	20	0.01	20.2448	20.2	1	0.1	2.02448	07/07/06	15:37
lcsw-G07H3	U_4090	1.25	U		mg/L	1.25			0	0.125	-0.216	-0.216	1	1.25	-0.0216	07/07/06	15:37
lcsw-G07H3	V_2924	4.84			mg/L	0.05		96.8%	5	0.005	4.8351	4.84	1	0.05	0.48351	07/07/06	15:37
lcsw-G07H3	W_2079	0.100	U		mg/L	0.1			0	0.01	0.0291	0.0291	1	0.1	0.00291	07/07/06	15:37
lcsw-G07H3	Y_3710	0.0500	U		mg/L	0.05			0	0.005	-0.0068	-0.0068	1	0.05	-0.00068	07/07/06	15:37
lcsw-G07H3	Zn2062	4.93			mg/L	0.05		98.6%	5	0.005	4.9303	4.93	1	0.05	0.49303	07/07/06	15:37
lcsw-G07H3	Zr3496	0.0500	U		mg/L	0.05			0	0.005	-0.0195	-0.0195	1	0.05	-0.00195	07/07/06	15:37
282158	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0043	-0.0043	1	0.05	-0.00043	07/07/06	15:42
282158	Al3082	0.500	U		mg/L	0.5				0.05	0.0597	0.0597	1	0.5	0.00597	07/07/06	15:42
282158	As1890	0.0500	U		mg/L	0.05				0.005	-0.0143	-0.0143	1	0.05	-0.00143	07/07/06	15:42
282158	B_2496	0.200	U		mg/L	0.2				0.02	0.0878	0.0878	1	0.2	0.00878	07/07/06	15:42
282158	Ba4934	0.523			mg/L	0.05				0.005	0.5227	0.523	1	0.05	0.05227	07/07/06	15:42
282158	Be3130	0.0500	U		mg/L	0.05				0.005	-0.001	-0.001	1	0.05	-0.0001	07/07/06	15:42
282158	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0051	-0.0051	1	0.1	-0.00051	07/07/06	15:42
282158	Ca3179	13.5			mg/L	0.5				0.05	13.5201	13.5	1	0.5	1.35201	07/07/06	15:42
282158	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0017	-0.0017	1	0.05	-0.00017	07/07/06	15:42
282158	Co2286	0.0500	U		mg/L	0.05				0.005	0.0104	0.0104	1	0.05	0.00104	07/07/06	15:42
282158	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0288	-0.0288	1	0.05	-0.00288	07/07/06	15:42
282158	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0167	-0.0167	1	0.05	-0.00167	07/07/06	15:42
282158	Fe2714	0.500	U		mg/L	0.5				0.05	-0.1138	-0.114	1	0.5	-0.01138	07/07/06	15:42
282158	La3988	0.0500	U		mg/L	0.05				0.005	-0.0087	-0.0087	1	0.05	-0.00087	07/07/06	15:42
282158	Mg2790	1.44			mg/L	0.5				0.05	1.4371	1.44	1	0.5	0.14371	07/07/06	15:42
282158	Mn2576	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	15:42
282158	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0068	-0.0068	1	0.05	-0.00068	07/07/06	15:42
282158	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0227	-0.0227	1	0.05	-0.00227	07/07/06	15:42
282158	P_1782	0.200	U		mg/L	0.2				0.02	0.1521	0.152	1	0.2	0.01521	07/07/06	15:42
282158	Pd3404	0.100	U		mg/L	0.1				0.01	-0.061	-0.061	1	0.1	-0.0061	07/07/06	15:42
282158	S_1820	9.46			mg/L	0.2				0.02	9.4618	9.46	1	0.2	0.94618	07/07/06	15:42
282158	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0422	-0.0422	1	0.15	-0.00422	07/07/06	15:42
282158	Si2881	12.5			mg/L	0.2				0.02	12.4713	12.5	1	0.2	1.24713	07/07/06	15:42
282158	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0116	-0.0116	1	0.05	-0.00116	07/07/06	15:42
282158	Se196	0.0500	U		mg/L	0.05				0.005	0.0099	0.0099	1	0.05	0.00099	07/07/06	15:42
282158	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0062	0.0062	1	0.05	0.00062	07/07/06	15:42
282158	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0349	0.0349	1	0.05	0.00349	07/07/06	15:42
282158	Th2837	0.300	U		mg/L	0.3				0.03	-0.1001	-0.1	1	0.3	-0.01001	07/07/06	15:42
282158	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.009	-0.009	1	0.05	-0.0009	07/07/06	15:42
282158	Tl1908	0.100	U		mg/L	0.1				0.01	0.0198	0.0198	1	0.1	0.00198	07/07/06	15:42

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282158	U_4090	1.25	U		mg/L	1.25				0.125	-0.3099	-0.31	1	1.25	-0.03099	07/07/06	15:42
282158	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0297	-0.0297	1	0.05	-0.00297	07/07/06	15:42
282158	W_2079	0.100	U		mg/L	0.1				0.01	-0.0166	-0.0166	1	0.1	-0.00166	07/07/06	15:42
282158	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0064	-0.0064	1	0.05	-0.00064	07/07/06	15:42
282158	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0158	0.0158	1	0.05	0.00158	07/07/06	15:42
282158	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0335	-0.0335	1	0.05	-0.00335	07/07/06	15:42
282158d	Ag3280	0.0500	U		mg/L	0.05	0.0%			0.005	0.001	0.001	1	0.05	0.0001	07/07/06	15:47
282158d	Al3082	0.500	U		mg/L	0.5	0.0%			0.05	-0.0009	-0.0009	1	0.5	-0.00009	07/07/06	15:47
282158d	As1890	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0118	-0.0118	1	0.05	-0.00118	07/07/06	15:47
282158d	B_2496	0.200	U		mg/L	0.2	0.0%			0.02	0.0985	0.0985	1	0.2	0.00985	07/07/06	15:47
282158d	Ba4934	0.518			mg/L	0.05	1.0%			0.005	0.518	0.518	1	0.05	0.0518	07/07/06	15:47
282158d	Be3130	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0011	-0.0011	1	0.05	-0.00011	07/07/06	15:47
282158d	Bi2230	0.100	U		mg/L	0.1	0.0%			0.01	0.0104	0.0104	1	0.1	0.00104	07/07/06	15:47
282158d	Ca3179	13.4			mg/L	0.5	0.7%			0.05	13.4492	13.4	1	0.5	1.34492	07/07/06	15:47
282158d	Cd2265	0.0500	U		mg/L	0.05	0.0%			0.005	0.0003	0.0003	1	0.05	0.00003	07/07/06	15:47
282158d	Co2286	0.0500	U		mg/L	0.05	0.0%			0.005	0.007	0.007	1	0.05	0.0007	07/07/06	15:47
282158d	Cr2677	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0174	-0.0174	1	0.05	-0.00174	07/07/06	15:47
282158d	Cu3247	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0075	-0.0075	1	0.05	-0.00075	07/07/06	15:47
282158d	Fe2714	0.500	U		mg/L	0.5	0.0%			0.05	-0.075	-0.075	1	0.5	-0.0075	07/07/06	15:47
282158d	La3988	0.0500	U		mg/L	0.05	0.0%			0.005	0.0006	0.0006	1	0.05	0.00006	07/07/06	15:47
282158d	Mg2790	1.47			mg/L	0.5	2.1%			0.05	1.468	1.47	1	0.5	0.1468	07/07/06	15:47
282158d	Mn2576	0.0500	U		mg/L	0.05	0.0%			0.005	0.0011	0.0011	1	0.05	0.00011	07/07/06	15:47
282158d	Mo2020	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0019	-0.0019	1	0.05	-0.00019	07/07/06	15:47
282158d	Ni2316	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0119	-0.0119	1	0.05	-0.00119	07/07/06	15:47
282158d	P_1782	0.200	U		mg/L	0.2	0.0%			0.02	0.0622	0.0622	1	0.2	0.00622	07/07/06	15:47
282158d	Pd3404	0.100	U		mg/L	0.1	0.0%			0.01	-0.0356	-0.0356	1	0.1	-0.00356	07/07/06	15:47
282158d	S_1820	9.46			mg/L	0.2	0.0%			0.02	9.4601	9.46	1	0.2	0.94601	07/07/06	15:47
282158d	Sb2068	0.150	U		mg/L	0.15	0.0%			0.015	-0.0334	-0.0334	1	0.15	-0.00334	07/07/06	15:47
282158d	Si2881	12.4			mg/L	0.2	0.8%			0.02	12.3825	12.4	1	0.2	1.23825	07/07/06	15:47
282158d	Pb220	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0066	-0.0066	1	0.05	-0.00066	07/07/06	15:47
282158d	Se196	0.0500	U		mg/L	0.05	0.0%			0.005	0.0199	0.0199	1	0.05	0.00199	07/07/06	15:47
282158d	Sn1899	0.0500	U		mg/L	0.05	0.0%			0.005	0.0167	0.0167	1	0.05	0.00167	07/07/06	15:47
282158d	Sr4215	0.0500	U		mg/L	0.05	0.0%			0.005	0.0347	0.0347	1	0.05	0.00347	07/07/06	15:47
282158d	Th2837	0.300	U		mg/L	0.3	0.0%			0.03	-0.0533	-0.0533	1	0.3	-0.00533	07/07/06	15:47
282158d	Ti3349	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0031	-0.0031	1	0.05	-0.00031	07/07/06	15:47
282158d	Tl1908	0.100	U		mg/L	0.1	0.0%			0.01	0.0024	0.0024	1	0.1	0.00024	07/07/06	15:47
282158d	U_4090	1.25	U		mg/L	1.25	0.0%			0.125	-0.0025	-0.0025	1	1.25	-0.00025	07/07/06	15:47
282158d	V_2924	0.0500	U		mg/L	0.05	0.0%			0.005	-0.016	-0.016	1	0.05	-0.0016	07/07/06	15:47
282158d	W_2079	0.100	U		mg/L	0.1	0.0%			0.01	0.0115	0.0115	1	0.1	0.00115	07/07/06	15:47

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282158d	Y_3710	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0028	-0.0028	1	0.05	-0.00028	07/07/06	15:47
282158d	Zn2062	0.0500	U		mg/L	0.05	0.0%			0.005	0.0127	0.0127	1	0.05	0.00127	07/07/06	15:47
282158d	Zr3496	0.0500	U		mg/L	0.05	0.0%			0.005	-0.0134	-0.0134	1	0.05	-0.00134	07/07/06	15:47
282159	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0048	-0.0048	1	0.05	-0.00048	07/07/06	15:52
282159	Al3082	0.500	U		mg/L	0.5				0.05	0.069	0.069	1	0.5	0.0069	07/07/06	15:52
282159	As1890	0.0500	U		mg/L	0.05				0.005	-0.0052	-0.0052	1	0.05	-0.00052	07/07/06	15:52
282159	B_2496	0.333			mg/L	0.2				0.02	0.3331	0.333	1	0.2	0.03331	07/07/06	15:52
282159	Ba4934	0.776			mg/L	0.05				0.005	0.776	0.776	1	0.05	0.0776	07/07/06	15:52
282159	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0008	-0.0008	1	0.05	-0.00008	07/07/06	15:52
282159	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0075	-0.0075	1	0.1	-0.00075	07/07/06	15:52
282159	Ca3179	3.93			mg/L	0.5				0.05	3.9338	3.93	1	0.5	0.39338	07/07/06	15:52
282159	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	15:52
282159	Co2286	0.0500	U		mg/L	0.05				0.005	0.0088	0.0088	1	0.05	0.00088	07/07/06	15:52
282159	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0052	-0.0052	1	0.05	-0.00052	07/07/06	15:52
282159	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.001	-0.001	1	0.05	-0.0001	07/07/06	15:52
282159	Fe2714	0.500	U		mg/L	0.5				0.05	0.1348	0.135	1	0.5	0.01348	07/07/06	15:52
282159	La3988	0.0500	U		mg/L	0.05				0.005	-0.0029	-0.0029	1	0.05	-0.00029	07/07/06	15:52
282159	Mg2790	0.714			mg/L	0.5				0.05	0.7137	0.714	1	0.5	0.07137	07/07/06	15:52
282159	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0004	0.0004	1	0.05	0.00004	07/07/06	15:52
282159	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0022	-0.0022	1	0.05	-0.00022	07/07/06	15:52
282159	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0117	-0.0117	1	0.05	-0.00117	07/07/06	15:52
282159	P_1782	0.200	U		mg/L	0.2				0.02	0.0972	0.0972	1	0.2	0.00972	07/07/06	15:52
282159	Pd3404	0.100	U		mg/L	0.1				0.01	0.0096	0.0096	1	0.1	0.00096	07/07/06	15:52
282159	S_1820	9.37			mg/L	0.2				0.02	9.3698	9.37	1	0.2	0.93698	07/07/06	15:52
282159	Sb2068	0.150	U		mg/L	0.15				0.015	0.0254	0.0254	1	0.15	0.00254	07/07/06	15:52
282159	Si2881	13.8			mg/L	0.2				0.02	13.8255	13.8	1	0.2	1.38255	07/07/06	15:52
282159	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0045	-0.0045	1	0.05	-0.00045	07/07/06	15:52
282159	Se196	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	15:52
282159	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0127	0.0127	1	0.05	0.00127	07/07/06	15:52
282159	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0205	0.0205	1	0.05	0.00205	07/07/06	15:52
282159	Th2837	0.300	U		mg/L	0.3				0.03	-0.0236	-0.0236	1	0.3	-0.00236	07/07/06	15:52
282159	Ti3349	0.0500	U		mg/L	0.05				0.005	0.0025	0.0025	1	0.05	0.00025	07/07/06	15:52
282159	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0264	-0.0264	1	0.1	-0.00264	07/07/06	15:52
282159	U_4090	1.25	U		mg/L	1.25				0.125	-0.1519	-0.152	1	1.25	-0.01519	07/07/06	15:52
282159	V_2924	0.0500	U		mg/L	0.05				0.005	-0.006	-0.006	1	0.05	-0.0006	07/07/06	15:52
282159	W_2079	0.100	U		mg/L	0.1				0.01	-0.0064	-0.0064	1	0.1	-0.00064	07/07/06	15:52
282159	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	15:52
282159	Zn2062	0.0500	U		mg/L	0.05				0.005	0.0046	0.0046	1	0.05	0.00046	07/07/06	15:52
282159	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0034	-0.0034	1	0.05	-0.00034	07/07/06	15:52

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282159s	Ag3280	0.479			mg/L	0.05		95.8%	0.5	0.005	0.4793	0.479	1	0.05	0.04793	07/07/06	15:57
282159s	Al3082	19.3			mg/L	0.5		96.5%	20	0.05	19.3178	19.3	1	0.5	1.93178	07/07/06	15:57
282159s	As1890	19.6			mg/L	0.05		98.0%	20	0.005	19.582	19.6	1	0.05	1.9582	07/07/06	15:57
282159s	B_2496	0.308		#DIV/0!	mg/L	0.2		#DIV/0!	0	0.02	0.3081	0.308	1	0.2	0.03081	07/07/06	15:57
282159s	Ba4934	20.4			mg/L	0.05		98.1%	20	0.005	20.3865	20.4	1	0.05	2.03865	07/07/06	15:57
282159s	Be3130	0.488			mg/L	0.05		97.6%	0.5	0.005	0.4875	0.488	1	0.05	0.04875	07/07/06	15:57
282159s	Bi2230	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	0.0408	0.0408	1	0.1	0.00408	07/07/06	15:57
282159s	Ca3179	206			mg/L	0.5		101.0%	200	0.05	206.1404	206	1	0.5	20.61404	07/07/06	15:57
282159s	Cd2265	0.479			mg/L	0.05		95.8%	0.5	0.005	0.4786	0.479	1	0.05	0.04786	07/07/06	15:57
282159s	Co2286	4.87			mg/L	0.05		97.4%	5	0.005	4.8714	4.87	1	0.05	0.48714	07/07/06	15:57
282159s	Cr2677	1.87			mg/L	0.05		93.5%	2	0.005	1.8712	1.87	1	0.05	0.18712	07/07/06	15:57
282159s	Cu3247	2.38			mg/L	0.05		95.2%	2.5	0.005	2.3807	2.38	1	0.05	0.23807	07/07/06	15:57
282159s	Fe2714	11.1			mg/L	0.5		111.0%	10	0.05	11.085	11.1	1	0.5	1.1085	07/07/06	15:57
282159s	La3988	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0005	-0.0005	1	0.05	-0.00005	07/07/06	15:57
282159s	Mg2790	201			mg/L	0.5		100.1%	200	0.05	201.2585	201	1	0.5	20.12585	07/07/06	15:57
282159s	Mn2576	4.90			mg/L	0.05		98.0%	5	0.005	4.8962	4.9	1	0.05	0.48962	07/07/06	15:57
282159s	Mo2020	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0111	-0.0111	1	0.05	-0.00111	07/07/06	15:57
282159s	Ni2316	4.63			mg/L	0.05		92.6%	5	0.005	4.6346	4.63	1	0.05	0.46346	07/07/06	15:57
282159s	P_1782	40.4			mg/L	0.2		101.0%	40	0.02	40.3667	40.4	1	0.2	4.03667	07/07/06	15:57
282159s	Pd3404	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	-0.0348	-0.0348	1	0.1	-0.00348	07/07/06	15:57
282159s	S_1820	9.53		#DIV/0!	mg/L	0.2		#DIV/0!	0	0.02	9.532	9.53	1	0.2	0.9532	07/07/06	15:57
282159s	Sb2068	4.79			mg/L	0.15		95.8%	5	0.015	4.7851	4.79	1	0.15	0.47851	07/07/06	15:57
282159s	Si2881	54.0			mg/L	0.2		100.5%	40	0.02	54.0039	54	1	0.2	5.40039	07/07/06	15:57
282159s	Pb220	4.73			mg/L	0.05		94.6%	5	0.005	4.7313	4.73	1	0.05	0.47313	07/07/06	15:57
282159s	Se196	20.0			mg/L	0.05		100.0%	20	0.005	20.0368	20	1	0.05	2.00368	07/07/06	15:57
282159s	Sn1899	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0074	0.0074	1	0.05	0.00074	07/07/06	15:57
282159s	Sr4215	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0275	0.0275	1	0.05	0.00275	07/07/06	15:57
282159s	Th2837	0.300	U	#DIV/0!	mg/L	0.3		#DIV/0!	0	0.03	-0.2731	-0.273	1	0.3	-0.02731	07/07/06	15:57
282159s	Ti3349	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	15:57
282159s	Tl1908	20.0			mg/L	0.1		100.0%	20	0.01	19.9916	20	1	0.1	1.99916	07/07/06	15:57
282159s	U_4090	1.25	U	#DIV/0!	mg/L	1.25		#DIV/0!	0	0.125	0.0428	0.0428	1	1.25	0.00428	07/07/06	15:57
282159s	V_2924	4.77			mg/L	0.05		95.4%	5	0.005	4.7734	4.77	1	0.05	0.47734	07/07/06	15:57
282159s	W_2079	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	0.0074	0.0074	1	0.1	0.00074	07/07/06	15:57
282159s	Y_3710	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0059	-0.0059	1	0.05	-0.00059	07/07/06	15:57
282159s	Zn2062	4.87			mg/L	0.05		97.4%	5	0.005	4.8737	4.87	1	0.05	0.48737	07/07/06	15:57
282159s	Zr3496	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.015	-0.015	1	0.05	-0.0015	07/07/06	15:57
282160	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0024	-0.0024	1	0.05	-0.00024	07/07/06	16:01
282160	Al3082	1.11			mg/L	0.5				0.05	1.1106	1.11	1	0.5	0.11106	07/07/06	16:01
282160	As1890	0.0500	U		mg/L	0.05				0.005	0.0055	0.0055	1	0.05	0.00055	07/07/06	16:01

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282160	B_2496	0.200	U		mg/L	0.2				0.02	0.1788	0.179	1	0.2	0.01788	07/07/06	16:01
282160	Ba4934	0.667			mg/L	0.05				0.005	0.6667	0.667	1	0.05	0.06667	07/07/06	16:01
282160	Be3130	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	16:01
282160	Bi2230	0.100	U		mg/L	0.1				0.01	0.0272	0.0272	1	0.1	0.00272	07/07/06	16:01
282160	Ca3179	17.3			mg/L	0.5				0.05	17.2637	17.3	1	0.5	1.72637	07/07/06	16:01
282160	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.001	-0.001	1	0.05	-0.0001	07/07/06	16:01
282160	Co2286	0.0500	U		mg/L	0.05				0.005	0.0075	0.0075	1	0.05	0.00075	07/07/06	16:01
282160	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0218	-0.0218	1	0.05	-0.00218	07/07/06	16:01
282160	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0114	-0.0114	1	0.05	-0.00114	07/07/06	16:01
282160	Fe2714	0.500	U		mg/L	0.5				0.05	-0.1231	-0.123	1	0.5	-0.01231	07/07/06	16:01
282160	La3988	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	07/07/06	16:01
282160	Mg2790	1.88			mg/L	0.5				0.05	1.883	1.88	1	0.5	0.1883	07/07/06	16:01
282160	Mn2576	0.0931			mg/L	0.05				0.005	0.0931	0.0931	1	0.05	0.00931	07/07/06	16:01
282160	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0062	-0.0062	1	0.05	-0.00062	07/07/06	16:01
282160	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0119	-0.0119	1	0.05	-0.00119	07/07/06	16:01
282160	P_1782	0.674			mg/L	0.2				0.02	0.674	0.674	1	0.2	0.0674	07/07/06	16:01
282160	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0258	-0.0258	1	0.1	-0.00258	07/07/06	16:01
282160	S_1820	9.42			mg/L	0.2				0.02	9.4183	9.42	1	0.2	0.94183	07/07/06	16:01
282160	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0526	-0.0526	1	0.15	-0.00526	07/07/06	16:01
282160	Si2881	13.9			mg/L	0.2				0.02	13.8834	13.9	1	0.2	1.38834	07/07/06	16:01
282160	Pb220	0.0500	U		mg/L	0.05				0.005	0.0004	0.0004	1	0.05	0.00004	07/07/06	16:01
282160	Se196	0.0500	U		mg/L	0.05				0.005	0.011	0.011	1	0.05	0.0011	07/07/06	16:01
282160	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0126	0.0126	1	0.05	0.00126	07/07/06	16:01
282160	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0486	0.0486	1	0.05	0.00486	07/07/06	16:01
282160	Th2837	0.300	U		mg/L	0.3				0.03	-0.0645	-0.0645	1	0.3	-0.00645	07/07/06	16:01
282160	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.005	-0.005	1	0.05	-0.0005	07/07/06	16:01
282160	Tl1908	0.100	U		mg/L	0.1				0.01	0.0063	0.0063	1	0.1	0.00063	07/07/06	16:01
282160	U_4090	1.25	U		mg/L	1.25				0.125	-0.0758	-0.0758	1	1.25	-0.00758	07/07/06	16:01
282160	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0153	-0.0153	1	0.05	-0.00153	07/07/06	16:01
282160	W_2079	0.100	U		mg/L	0.1				0.01	0.0187	0.0187	1	0.1	0.00187	07/07/06	16:01
282160	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0034	-0.0034	1	0.05	-0.00034	07/07/06	16:01
282160	Zn2062	0.367			mg/L	0.05				0.005	0.3666	0.367	1	0.05	0.03666	07/07/06	16:01
282160	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0183	-0.0183	1	0.05	-0.00183	07/07/06	16:01
282161	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	16:06
282161	Al3082	0.858			mg/L	0.5				0.05	0.8581	0.858	1	0.5	0.08581	07/07/06	16:06
282161	As1890	0.0500	U		mg/L	0.05				0.005	-0.0186	-0.0186	1	0.05	-0.00186	07/07/06	16:06
282161	B_2496	0.200	U		mg/L	0.2				0.02	0.1563	0.156	1	0.2	0.01563	07/07/06	16:06
282161	Ba4934	0.617			mg/L	0.05				0.005	0.6166	0.617	1	0.05	0.06166	07/07/06	16:06
282161	Be3130	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	16:06

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282161	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0147	-0.0147	1	0.1	-0.00147	07/07/06	16:06
282161	Ca3179	16.6			mg/L	0.5				0.05	16.5906	16.6	1	0.5	1.65906	07/07/06	16:06
282161	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0016	0.0016	1	0.05	0.00016	07/07/06	16:06
282161	Co2286	0.0500	U		mg/L	0.05				0.005	0.0083	0.0083	1	0.05	0.00083	07/07/06	16:06
282161	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.027	-0.027	1	0.05	-0.0027	07/07/06	16:06
282161	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0107	-0.0107	1	0.05	-0.00107	07/07/06	16:06
282161	Fe2714	0.500	U		mg/L	0.5				0.05	-0.2051	-0.205	1	0.5	-0.02051	07/07/06	16:06
282161	La3988	0.0500	U		mg/L	0.05				0.005	0.0055	0.0055	1	0.05	0.00055	07/07/06	16:06
282161	Mg2790	1.84			mg/L	0.5				0.05	1.8373	1.84	1	0.5	0.18373	07/07/06	16:06
282161	Mn2576	0.0920			mg/L	0.05				0.005	0.092	0.092	1	0.05	0.0092	07/07/06	16:06
282161	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.008	-0.008	1	0.05	-0.0008	07/07/06	16:06
282161	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.011	-0.011	1	0.05	-0.0011	07/07/06	16:06
282161	P_1782	0.597			mg/L	0.2				0.02	0.5969	0.597	1	0.2	0.05969	07/07/06	16:06
282161	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0477	-0.0477	1	0.1	-0.00477	07/07/06	16:06
282161	S_1820	9.47			mg/L	0.2				0.02	9.4741	9.47	1	0.2	0.94741	07/07/06	16:06
282161	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0432	-0.0432	1	0.15	-0.00432	07/07/06	16:06
282161	Si2881	13.8			mg/L	0.2				0.02	13.809	13.8	1	0.2	1.3809	07/07/06	16:06
282161	Pb220	0.0500	U		mg/L	0.05				0.005	-0.009	-0.009	1	0.05	-0.0009	07/07/06	16:06
282161	Se196	0.0500	U		mg/L	0.05				0.005	0.0098	0.0098	1	0.05	0.00098	07/07/06	16:06
282161	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0089	-0.0089	1	0.05	-0.00089	07/07/06	16:06
282161	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0466	0.0466	1	0.05	0.00466	07/07/06	16:06
282161	Th2837	0.300	U		mg/L	0.3				0.03	-0.0603	-0.0603	1	0.3	-0.00603	07/07/06	16:06
282161	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0054	-0.0054	1	0.05	-0.00054	07/07/06	16:06
282161	Tl1908	0.100	U		mg/L	0.1				0.01	0.0133	0.0133	1	0.1	0.00133	07/07/06	16:06
282161	U_4090	1.25	U		mg/L	1.25				0.125	-0.0241	-0.0241	1	1.25	-0.00241	07/07/06	16:06
282161	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0191	-0.0191	1	0.05	-0.00191	07/07/06	16:06
282161	W_2079	0.100	U		mg/L	0.1				0.01	0.0064	0.0064	1	0.1	0.00064	07/07/06	16:06
282161	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0044	-0.0044	1	0.05	-0.00044	07/07/06	16:06
282161	Zn2062	0.323			mg/L	0.05				0.005	0.3234	0.323	1	0.05	0.03234	07/07/06	16:06
282161	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0187	-0.0187	1	0.05	-0.00187	07/07/06	16:06
282162	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0009	-0.0009	1	0.05	-0.00009	07/07/06	16:11
282162	Al3082	0.852			mg/L	0.5				0.05	0.8524	0.852	1	0.5	0.08524	07/07/06	16:11
282162	As1890	0.0500	U		mg/L	0.05				0.005	0.0154	0.0154	1	0.05	0.00154	07/07/06	16:11
282162	B_2496	0.200	U		mg/L	0.2				0.02	0.1714	0.171	1	0.2	0.01714	07/07/06	16:11
282162	Ba4934	0.628			mg/L	0.05				0.005	0.6282	0.628	1	0.05	0.06282	07/07/06	16:11
282162	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	16:11
282162	Bi2230	0.100	U		mg/L	0.1				0.01	0.0304	0.0304	1	0.1	0.00304	07/07/06	16:11
282162	Ca3179	16.8			mg/L	0.5				0.05	16.8333	16.8	1	0.5	1.68333	07/07/06	16:11
282162	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0013	0.0013	1	0.05	0.00013	07/07/06	16:11

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
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Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282162	Co2286	0.0500	U		mg/L	0.05				0.005	0.0083	0.0083	1	0.05	0.00083	07/07/06	16:11
282162	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.012	-0.012	1	0.05	-0.0012	07/07/06	16:11
282162	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0075	-0.0075	1	0.05	-0.00075	07/07/06	16:11
282162	Fe2714	0.500	U		mg/L	0.5				0.05	-0.1233	-0.123	1	0.5	-0.01233	07/07/06	16:11
282162	La3988	0.0500	U		mg/L	0.05				0.005	0.002	0.002	1	0.05	0.0002	07/07/06	16:11
282162	Mg2790	1.88			mg/L	0.5				0.05	1.8836	1.88	1	0.5	0.18836	07/07/06	16:11
282162	Mn2576	0.0848			mg/L	0.05				0.005	0.0848	0.0848	1	0.05	0.00848	07/07/06	16:11
282162	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0126	-0.0126	1	0.05	-0.00126	07/07/06	16:11
282162	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.016	-0.016	1	0.05	-0.0016	07/07/06	16:11
282162	P_1782	0.638			mg/L	0.2				0.02	0.6383	0.638	1	0.2	0.06383	07/07/06	16:11
282162	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0224	-0.0224	1	0.1	-0.00224	07/07/06	16:11
282162	S_1820	9.22			mg/L	0.2				0.02	9.2174	9.22	1	0.2	0.92174	07/07/06	16:11
282162	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0607	-0.0607	1	0.15	-0.00607	07/07/06	16:11
282162	Si2881	13.8			mg/L	0.2				0.02	13.7964	13.8	1	0.2	1.37964	07/07/06	16:11
282162	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0147	-0.0147	1	0.05	-0.00147	07/07/06	16:11
282162	Se196	0.0500	U		mg/L	0.05				0.005	0.0207	0.0207	1	0.05	0.00207	07/07/06	16:11
282162	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0016	-0.0016	1	0.05	-0.00016	07/07/06	16:11
282162	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0477	0.0477	1	0.05	0.00477	07/07/06	16:11
282162	Th2837	0.300	U		mg/L	0.3				0.03	-0.085	-0.085	1	0.3	-0.0085	07/07/06	16:11
282162	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0036	-0.0036	1	0.05	-0.00036	07/07/06	16:11
282162	Tl1908	0.100	U		mg/L	0.1				0.01	0.034	0.034	1	0.1	0.0034	07/07/06	16:11
282162	U_4090	1.25	U		mg/L	1.25				0.125	0.1316	0.132	1	1.25	0.01316	07/07/06	16:11
282162	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0136	-0.0136	1	0.05	-0.00136	07/07/06	16:11
282162	W_2079	0.100	U		mg/L	0.1				0.01	0.0284	0.0284	1	0.1	0.00284	07/07/06	16:11
282162	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0027	-0.0027	1	0.05	-0.00027	07/07/06	16:11
282162	Zn2062	0.350			mg/L	0.05				0.005	0.35	0.35	1	0.05	0.035	07/07/06	16:11
282162	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0103	-0.0103	1	0.05	-0.00103	07/07/06	16:11
282163	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0037	0.0037	1	0.05	0.00037	07/07/06	16:16
282163	Al3082	0.539			mg/L	0.5				0.05	0.5392	0.539	1	0.5	0.05392	07/07/06	16:16
282163	As1890	0.0500	U		mg/L	0.05				0.005	-0.0068	-0.0068	1	0.05	-0.00068	07/07/06	16:16
282163	B_2496	0.200	U		mg/L	0.2				0.02	0.1242	0.124	1	0.2	0.01242	07/07/06	16:16
282163	Ba4934	0.540			mg/L	0.05				0.005	0.5401	0.54	1	0.05	0.05401	07/07/06	16:16
282163	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	16:16
282163	Bi2230	0.100	U		mg/L	0.1				0.01	0.0165	0.0165	1	0.1	0.00165	07/07/06	16:16
282163	Ca3179	15.9			mg/L	0.5				0.05	15.9164	15.9	1	0.5	1.59164	07/07/06	16:16
282163	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0012	0.0012	1	0.05	0.00012	07/07/06	16:16
282163	Co2286	0.0500	U		mg/L	0.05				0.005	0.0121	0.0121	1	0.05	0.00121	07/07/06	16:16
282163	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0178	-0.0178	1	0.05	-0.00178	07/07/06	16:16
282163	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0078	-0.0078	1	0.05	-0.00078	07/07/06	16:16

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282163	Fe2714	0.500	U		mg/L	0.5				0.05	0.0219	0.0219	1	0.5	0.00219	07/07/06	16:16
282163	La3988	0.0500	U		mg/L	0.05				0.005	0.0125	0.0125	1	0.05	0.00125	07/07/06	16:16
282163	Mg2790	1.82			mg/L	0.5				0.05	1.8161	1.82	1	0.5	0.18161	07/07/06	16:16
282163	Mn2576	0.0567			mg/L	0.05				0.005	0.0567	0.0567	1	0.05	0.00567	07/07/06	16:16
282163	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0081	-0.0081	1	0.05	-0.00081	07/07/06	16:16
282163	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0087	-0.0087	1	0.05	-0.00087	07/07/06	16:16
282163	P_1782	0.479			mg/L	0.2				0.02	0.4786	0.479	1	0.2	0.04786	07/07/06	16:16
282163	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0004	-0.0004	1	0.1	-0.00004	07/07/06	16:16
282163	S_1820	9.28			mg/L	0.2				0.02	9.2802	9.28	1	0.2	0.92802	07/07/06	16:16
282163	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0269	-0.0269	1	0.15	-0.00269	07/07/06	16:16
282163	Si2881	13.5			mg/L	0.2				0.02	13.5358	13.5	1	0.2	1.35358	07/07/06	16:16
282163	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	16:16
282163	Se196	0.0500	U		mg/L	0.05				0.005	0.0129	0.0129	1	0.05	0.00129	07/07/06	16:16
282163	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0048	0.0048	1	0.05	0.00048	07/07/06	16:16
282163	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0445	0.0445	1	0.05	0.00445	07/07/06	16:16
282163	Th2837	0.300	U		mg/L	0.3				0.03	-0.0635	-0.0635	1	0.3	-0.00635	07/07/06	16:16
282163	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0028	-0.0028	1	0.05	-0.00028	07/07/06	16:16
282163	Tl1908	0.100	U		mg/L	0.1				0.01	0.0362	0.0362	1	0.1	0.00362	07/07/06	16:16
282163	U_4090	1.25	U		mg/L	1.25				0.125	0.2801	0.28	1	1.25	0.02801	07/07/06	16:16
282163	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0142	-0.0142	1	0.05	-0.00142	07/07/06	16:16
282163	W_2079	0.100	U		mg/L	0.1				0.01	0.0225	0.0225	1	0.1	0.00225	07/07/06	16:16
282163	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0032	-0.0032	1	0.05	-0.00032	07/07/06	16:16
282163	Zn2062	0.305			mg/L	0.05				0.005	0.3047	0.305	1	0.05	0.03047	07/07/06	16:16
282163	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0105	-0.0105	1	0.05	-0.00105	07/07/06	16:16
282164	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0085	0.0085	1	0.05	0.00085	07/07/06	16:30
282164	Al3082	0.500	U		mg/L	0.5				0.05	0.2444	0.244	1	0.5	0.02444	07/07/06	16:30
282164	As1890	0.0500	U		mg/L	0.05				0.005	0.0032	0.0032	1	0.05	0.00032	07/07/06	16:30
282164	B_2496	0.200	U		mg/L	0.2				0.02	0.1476	0.148	1	0.2	0.01476	07/07/06	16:30
282164	Ba4934	0.553			mg/L	0.05				0.005	0.5528	0.553	1	0.05	0.05528	07/07/06	16:30
282164	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	16:30
282164	Bi2230	0.100	U		mg/L	0.1				0.01	0.0255	0.0255	1	0.1	0.00255	07/07/06	16:30
282164	Ca3179	15.5			mg/L	0.5				0.05	15.458	15.5	1	0.5	1.5458	07/07/06	16:30
282164	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0009	0.0009	1	0.05	0.00009	07/07/06	16:30
282164	Co2286	0.0500	U		mg/L	0.05				0.005	0.0168	0.0168	1	0.05	0.00168	07/07/06	16:30
282164	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0143	-0.0143	1	0.05	-0.00143	07/07/06	16:30
282164	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.01	-0.01	1	0.05	-0.001	07/07/06	16:30
282164	Fe2714	0.500	U		mg/L	0.5				0.05	0.3122	0.312	1	0.5	0.03122	07/07/06	16:30
282164	La3988	0.0500	U		mg/L	0.05				0.005	0.0114	0.0114	1	0.05	0.00114	07/07/06	16:30
282164	Mg2790	1.78			mg/L	0.5				0.05	1.7763	1.78	1	0.5	0.17763	07/07/06	16:30

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282164	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0453	0.0453	1	0.05	0.00453	07/07/06	16:30
282164	Mo2020	0.0500	U		mg/L	0.05				0.005	0.0061	0.0061	1	0.05	0.00061	07/07/06	16:30
282164	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0139	-0.0139	1	0.05	-0.00139	07/07/06	16:30
282164	P_1782	0.481			mg/L	0.2				0.02	0.4808	0.481	1	0.2	0.04808	07/07/06	16:30
282164	Pd3404	0.100	U		mg/L	0.1				0.01	0.0538	0.0538	1	0.1	0.00538	07/07/06	16:30
282164	S_1820	9.28			mg/L	0.2				0.02	9.2765	9.28	1	0.2	0.92765	07/07/06	16:30
282164	Sb2068	0.150	U		mg/L	0.15				0.015	0.0122	0.0122	1	0.15	0.00122	07/07/06	16:30
282164	Si2881	13.4			mg/L	0.2				0.02	13.4022	13.4	1	0.2	1.34022	07/07/06	16:30
282164	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0163	-0.0163	1	0.05	-0.00163	07/07/06	16:30
282164	Se196	0.0500	U		mg/L	0.05				0.005	-0.0038	-0.0038	1	0.05	-0.00038	07/07/06	16:30
282164	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0166	0.0166	1	0.05	0.00166	07/07/06	16:30
282164	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0429	0.0429	1	0.05	0.00429	07/07/06	16:30
282164	Th2837	0.300	U		mg/L	0.3				0.03	-0.0697	-0.0697	1	0.3	-0.00697	07/07/06	16:30
282164	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0036	-0.0036	1	0.05	-0.00036	07/07/06	16:30
282164	Tl1908	0.100	U		mg/L	0.1				0.01	0.0098	0.0098	1	0.1	0.00098	07/07/06	16:30
282164	U_4090	1.25	U		mg/L	1.25				0.125	0.3835	0.384	1	1.25	0.03835	07/07/06	16:30
282164	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0127	-0.0127	1	0.05	-0.00127	07/07/06	16:30
282164	W_2079	0.100	U		mg/L	0.1				0.01	0.0161	0.0161	1	0.1	0.00161	07/07/06	16:30
282164	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0034	-0.0034	1	0.05	-0.00034	07/07/06	16:30
282164	Zn2062	0.272			mg/L	0.05				0.005	0.2719	0.272	1	0.05	0.02719	07/07/06	16:30
282164	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0124	-0.0124	1	0.05	-0.00124	07/07/06	16:30
282165	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0029	-0.0029	1	0.05	-0.00029	07/07/06	16:35
282165	Al3082	0.500	U		mg/L	0.5				0.05	0.0416	0.0416	1	0.5	0.00416	07/07/06	16:35
282165	As1890	0.0500	U		mg/L	0.05				0.005	-0.0121	-0.0121	1	0.05	-0.00121	07/07/06	16:35
282165	B_2496	0.200	U		mg/L	0.2				0.02	0.1141	0.114	1	0.2	0.01141	07/07/06	16:35
282165	Ba4934	0.503			mg/L	0.05				0.005	0.5029	0.503	1	0.05	0.05029	07/07/06	16:35
282165	Be3130	0.0500	U		mg/L	0.05				0.005	-0.001	-0.001	1	0.05	-0.0001	07/07/06	16:35
282165	Bi2230	0.100	U		mg/L	0.1				0.01	0.0023	0.0023	1	0.1	0.00023	07/07/06	16:35
282165	Ca3179	15.1			mg/L	0.5				0.05	15.0537	15.1	1	0.5	1.50537	07/07/06	16:35
282165	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0001	-0.0001	1	0.05	-0.00001	07/07/06	16:35
282165	Co2286	0.0500	U		mg/L	0.05				0.005	0.0162	0.0162	1	0.05	0.00162	07/07/06	16:35
282165	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0208	-0.0208	1	0.05	-0.00208	07/07/06	16:35
282165	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0072	-0.0072	1	0.05	-0.00072	07/07/06	16:35
282165	Fe2714	0.500	U		mg/L	0.5				0.05	-0.173	-0.173	1	0.5	-0.0173	07/07/06	16:35
282165	La3988	0.0500	U		mg/L	0.05				0.005	-0.0026	-0.0026	1	0.05	-0.00026	07/07/06	16:35
282165	Mg2790	1.64			mg/L	0.5				0.05	1.6446	1.64	1	0.5	0.16446	07/07/06	16:35
282165	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0321	0.0321	1	0.05	0.00321	07/07/06	16:35
282165	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0037	-0.0037	1	0.05	-0.00037	07/07/06	16:35
282165	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0138	-0.0138	1	0 05	-0.00138	07/07/06	16:35

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282165	P_1782	0.361			mg/L	0.2				0.02	0.3613	0.361	1	0.2	0.03613	07/07/06	16:35
282165	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0449	-0.0449	1	0.1	-0.00449	07/07/06	16:35
282165	S_1820	9.39			mg/L	0.2				0.02	9.3878	9.39	1	0.2	0.93878	07/07/06	16:35
282165	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0479	-0.0479	1	0.15	-0.00479	07/07/06	16:35
282165	Si2881	13.0			mg/L	0.2				0.02	13.0077	13	1	0.2	1.30077	07/07/06	16:35
282165	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0068	-0.0068	1	0.05	-0.00068	07/07/06	16:35
282165	Se196	0.0500	U		mg/L	0.05				0.005	0.0151	0.0151	1	0.05	0.00151	07/07/06	16:35
282165	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0015	0.0015	1	0.05	0.00015	07/07/06	16:35
282165	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0407	0.0407	1	0.05	0.00407	07/07/06	16:35
282165	Th2837	0.300	U		mg/L	0.3				0.03	-0.0634	-0.0634	1	0.3	-0.00634	07/07/06	16:35
282165	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0027	-0.0027	1	0.05	-0.00027	07/07/06	16:35
282165	Tl1908	0.100	U		mg/L	0.1				0.01	0.0309	0.0309	1	0.1	0.00309	07/07/06	16:35
282165	U_4090	1.25	U		mg/L	1.25				0.125	0.0072	0.0072	1	1.25	0.00072	07/07/06	16:35
282165	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0117	-0.0117	1	0.05	-0.00117	07/07/06	16:35
282165	W_2079	0.100	U		mg/L	0.1				0.01	0.0045	0.0045	1	0.1	0.00045	07/07/06	16:35
282165	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0032	-0.0032	1	0.05	-0.00032	07/07/06	16:35
282165	Zn2062	0.193			mg/L	0.05				0.005	0.1925	0.193	1	0.05	0.01925	07/07/06	16:35
282165	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0134	-0.0134	1	0.05	-0.00134	07/07/06	16:35
282166	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0055	-0.0055	1	0.05	-0.00055	07/07/06	16:40
282166	Al3082	0.500	U		mg/L	0.5				0.05	-0.0519	-0.0519	1	0.5	-0.00519	07/07/06	16:40
282166	As1890	0.0500	U		mg/L	0.05				0.005	-0.0065	-0.0065	1	0.05	-0.00065	07/07/06	16:40
282166	B_2496	0.200	U		mg/L	0.2				0.02	0.1056	0.106	1	0.2	0.01056	07/07/06	16:40
282166	Ba4934	0.480			mg/L	0.05				0.005	0.4798	0.48	1	0.05	0.04798	07/07/06	16:40
282166	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0012	-0.0012	1	0.05	-0.00012	07/07/06	16:40
282166	Bi2230	0.100	U		mg/L	0.1				0.01	-0.0332	-0.0332	1	0.1	-0.00332	07/07/06	16:40
282166	Ca3179	14.8			mg/L	0.5				0.05	14.7632	14.8	1	0.5	1.47632	07/07/06	16:40
282166	Cd2265	0.0500	U		mg/L	0.05				0.005	-0.0003	-0.0003	1	0.05	-0.00003	07/07/06	16:40
282166	Co2286	0.0500	U		mg/L	0.05				0.005	-0.0002	-0.0002	1	0.05	-0.00002	07/07/06	16:40
282166	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0161	-0.0161	1	0.05	-0.00161	07/07/06	16:40
282166	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.004	-0.004	1	0.05	-0.0004	07/07/06	16:40
282166	Fe2714	0.500	U		mg/L	0.5				0.05	-0.2256	-0.226	1	0.5	-0.02256	07/07/06	16:40
282166	La3988	0.0500	U		mg/L	0.05				0.005	-0.0039	-0.0039	1	0.05	-0.00039	07/07/06	16:40
282166	Mg2790	1.61			mg/L	0.5				0.05	1.6078	1.61	1	0.5	0.16078	07/07/06	16:40
282166	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0228	0.0228	1	0.05	0.00228	07/07/06	16:40
282166	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0012	-0.0012	1	0.05	-0.00012	07/07/06	16:40
282166	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0072	-0.0072	1	0.05	-0.00072	07/07/06	16:40
282166	P_1782	0.404			mg/L	0.2				0.02	0.4036	0.404	1	0.2	0.04036	07/07/06	16:40
282166	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0447	-0.0447	1	0.1	-0.00447	07/07/06	16:40
282166	S_1820	9.36			mg/L	0.2				0.02	9.3576	9.36	1	0.2	0.93576	07/07/06	16:40

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282166	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0252	-0.0252	1	0.15	-0.00252	07/07/06	16:40
282166	Si2881	12.8			mg/L	0.2				0.02	12.7878	12.8	1	0.2	1.27878	07/07/06	16:40
282166	Pb220	0.0500	U		mg/L	0.05				0.005	0.009	0.009	1	0.05	0.0009	07/07/06	16:40
282166	Se196	0.0500	U		mg/L	0.05				0.005	-0.0022	-0.0022	1	0.05	-0.00022	07/07/06	16:40
282166	Sn1899	0.0500	U		mg/L	0.05				0.005	-0.0038	-0.0038	1	0.05	-0.00038	07/07/06	16:40
282166	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0391	0.0391	1	0.05	0.00391	07/07/06	16:40
282166	Th2837	0.300	U		mg/L	0.3				0.03	-0.0468	-0.0468	1	0.3	-0.00468	07/07/06	16:40
282166	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0021	-0.0021	1	0.05	-0.00021	07/07/06	16:40
282166	Tl1908	0.100	U		mg/L	0.1				0.01	-0.0146	-0.0146	1	0.1	-0.00146	07/07/06	16:40
282166	U_4090	1.25	U		mg/L	1.25				0.125	-0.1309	-0.131	1	1.25	-0.01309	07/07/06	16:40
282166	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0135	-0.0135	1	0.05	-0.00135	07/07/06	16:40
282166	W_2079	0.100	U		mg/L	0.1				0.01	0.0115	0.0115	1	0.1	0.00115	07/07/06	16:40
282166	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.002	-0.002	1	0.05	-0.0002	07/07/06	16:40
282166	Zn2062	0.0989			mg/L	0.05				0.005	0.0989	0.0989	1	0.05	0.00989	07/07/06	16:40
282166	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0091	-0.0091	1	0.05	-0.00091	07/07/06	16:40
282167	Ag3280	0.0500	U		mg/L	0.05				0.005	0.0007	0.0007	1	0.05	0.00007	07/07/06	16:44
282167	Al3082	0.500	U		mg/L	0.5				0.05	-0.0174	-0.0174	1	0.5	-0.00174	07/07/06	16:44
282167	As1890	0.0500	U		mg/L	0.05				0.005	-0.0091	-0.0091	1	0.05	-0.00091	07/07/06	16:44
282167	B_2496	0.200	U		mg/L	0.2				0.02	0.1101	0.11	1	0.2	0.01101	07/07/06	16:44
282167	Ba4934	0.486			mg/L	0.05				0.005	0.4856	0.486	1	0.05	0.04856	07/07/06	16:44
282167	Be3130	0.0500	U		mg/L	0.05				0.005	-0.0012	-0.0012	1	0.05	-0.00012	07/07/06	16:44
282167	Bi2230	0.100	U		mg/L	0.1				0.01	0.0151	0.0151	1	0.1	0.00151	07/07/06	16:44
282167	Ca3179	14.4			mg/L	0.5				0.05	14.4034	14.4	1	0.5	1.44034	07/07/06	16:44
282167	Cd2265	0.0500	U		mg/L	0.05				0.005	0.0016	0.0016	1	0.05	0.00016	07/07/06	16:44
282167	Co2286	0.0500	U		mg/L	0.05				0.005	0.017	0.017	1	0.05	0.0017	07/07/06	16:44
282167	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0044	-0.0044	1	0.05	-0.00044	07/07/06	16:44
282167	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0023	-0.0023	1	0.05	-0.00023	07/07/06	16:44
282167	Fe2714	0.500	U		mg/L	0.5				0.05	-0.1385	-0.139	1	0.5	-0.01385	07/07/06	16:44
282167	La3988	0.0500	U		mg/L	0.05				0.005	0.0021	0.0021	1	0.05	0.00021	07/07/06	16:44
282167	Mg2790	1.58			mg/L	0.5				0.05	1.5798	1.58	1	0.5	0.15798	07/07/06	16:44
282167	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0136	0.0136	1	0.05	0.00136	07/07/06	16:44
282167	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.006	-0.006	1	0.05	-0.0006	07/07/06	16:44
282167	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0066	-0.0066	1	0.05	-0.00066	07/07/06	16:44
282167	P_1782	0.443			mg/L	0.2				0.02	0.4428	0.443	1	0.2	0.04428	07/07/06	16:44
282167	Pd3404	0.100	U		mg/L	0.1				0.01	-0.006	-0.006	1	0.1	-0.0006	07/07/06	16:44
282167	S_1820	9.34			mg/L	0.2				0.02	9.3428	9.34	1	0.2	0.93428	07/07/06	16:44
282167	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0198	-0.0198	1	0.15	-0.00198	07/07/06	16:44
282167	Si2881	12.6			mg/L	0.2				0.02	12.5654	12.6	1	0.2	1.25654	07/07/06	16:44
282167	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0136	-0.0136	1	0.05	-0.00136	07/07/06	16:44

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Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282167	Se196	0.0500	U		mg/L	0.05				0.005	-0.0124	-0.0124	1	0.05	-0.00124	07/07/06	16:44
282167	Sn1899	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	16:44
282167	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0382	0.0382	1	0.05	0.00382	07/07/06	16:44
282167	Th2837	0.300	U		mg/L	0.3				0.03	-0.0349	-0.0349	1	0.3	-0.00349	07/07/06	16:44
282167	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	07/07/06	16:44
282167	Tl1908	0.100	U		mg/L	0.1				0.01	0.0203	0.0203	1	0.1	0.00203	07/07/06	16:44
282167	U_4090	1.25	U		mg/L	1.25				0.125	0.1712	0.171	1	1.25	0.01712	07/07/06	16:44
282167	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0064	-0.0064	1	0.05	-0.00064	07/07/06	16:44
282167	W_2079	0.100	U		mg/L	0.1				0.01	0.0104	0.0104	1	0.1	0.00104	07/07/06	16:44
282167	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0014	-0.0014	1	0.05	-0.00014	07/07/06	16:44
282167	Zn2062	0.0709			mg/L	0.05				0.005	0.0709	0.0709	1	0.05	0.00709	07/07/06	16:44
282167	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0042	-0.0042	1	0.05	-0.00042	07/07/06	16:44
282167 8	Ag3280	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	07/07/06	16:49
282167	Al3082	0.500	U		mg/L	0.5				0.05	-0.0473	-0.0473	1	0.5	-0.00473	07/07/06	16:49
282167	As1890	0.0500	U		mg/L	0.05				0.005	-0.0111	-0.0111	1	0.05	-0.00111	07/07/06	16:49
282167	B_2496	0.200	U		mg/L	0.2				0.02	0.1067	0.107	1	0.2	0.01067	07/07/06	16:49
282167	Ba4934	0.515			mg/L	0.05				0.005	0.5154	0.515	1	0.05	0.05154	07/07/06	16:49
282167	Be3130	0.0500	U		mg/L	0.05				0.005	-0.001	-0.001	1	0.05	-0.0001	07/07/06	16:49
282167	Bi2230	0.100	U		mg/L	0.1				0.01	0.0044	0.0044	1	0.1	0.00044	07/07/06	16:49
282167	Ca3179	14.2			mg/L	0.5				0.05	14.2348	14.2	1	0.5	1.42348	07/07/06	16:49
282167	Cd2265	0.0500	U		mg/L	0.05				0.005	0	0	1	0.05	0	07/07/06	16:49
282167	Co2286	0.0500	U		mg/L	0.05				0.005	0.0141	0.0141	1	0.05	0.00141	07/07/06	16:49
282167	Cr2677	0.0500	U		mg/L	0.05				0.005	-0.0153	-0.0153	1	0.05	-0.00153	07/07/06	16:49
282167	Cu3247	0.0500	U		mg/L	0.05				0.005	-0.0085	-0.0085	1	0.05	-0.00085	07/07/06	16:49
282167	Fe2714	0.500	U		mg/L	0.5				0.05	-0.0287	-0.0287	1	0.5	-0.00287	07/07/06	16:49
282167	La3988	0.0500	U		mg/L	0.05				0.005	0.0007	0.0007	1	0.05	0.00007	07/07/06	16:49
282167	Mg2790	1.60			mg/L	0.5				0.05	1.5959	1.6	1	0.5	0.15959	07/07/06	16:49
282167	Mn2576	0.0500	U		mg/L	0.05				0.005	0.0098	0.0098	1	0.05	0.00098	07/07/06	16:49
282167	Mo2020	0.0500	U		mg/L	0.05				0.005	-0.0011	-0.0011	1	0.05	-0.00011	07/07/06	16:49
282167	Ni2316	0.0500	U		mg/L	0.05				0.005	-0.0153	-0.0153	1	0.05	-0.00153	07/07/06	16:49
282167	P_1782	0.271			mg/L	0.2				0.02	0.2714	0.271	1	0.2	0.02714	07/07/06	16:49
282167	Pd3404	0.100	U		mg/L	0.1				0.01	-0.0167	-0.0167	1	0.1	-0.00167	07/07/06	16:49
282167	S_1820	9.42			mg/L	0.2				0.02	9.4159	9.42	1	0.2	0.94159	07/07/06	16:49
282167	Sb2068	0.150	U		mg/L	0.15				0.015	-0.0232	-0.0232	1	0.15	-0.00232	07/07/06	16:49
282167	Si2881	12.6			mg/L	0.2				0.02	12.6034	12.6	1	0.2	1.26034	07/07/06	16:49
282167	Pb220	0.0500	U		mg/L	0.05				0.005	-0.0124	-0.0124	1	0.05	-0.00124	07/07/06	16:49
282167	Se196	0.0500	U		mg/L	0.05				0.005	0.0132	0.0132	1	0.05	0.00132	07/07/06	16:49
282167	Sn1899	0.0500	U		mg/L	0.05				0.005	0.0075	0.0075	1	0.05	0.00075	07/07/06	16:49
282167 ↓	Sr4215	0.0500	U		mg/L	0.05				0.005	0.0379	0.0379	1	0.05	0.00379	07/07/06	16:49

JR 7/12/06 div20_060606(10)

010197

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
282167	Th2837	0.300	U		mg/L	0.3				0.03	-0.0504	-0.0504	1	0.3	-0.00504	07/07/06	16:49
282167	Ti3349	0.0500	U		mg/L	0.05				0.005	-0.0036	-0.0036	1	0.05	-0.00036	07/07/06	16:49
282167	Tl1908	0.100	U		mg/L	0.1				0.01	0.0122	0.0122	1	0.1	0.00122	07/07/06	16:49
282167	U_4090	1.25	U		mg/L	1.25				0.125	0.0267	0.0267	1	1.25	0.00267	07/07/06	16:49
282167	V_2924	0.0500	U		mg/L	0.05				0.005	-0.0126	-0.0126	1	0.05	-0.00126	07/07/06	16:49
282167	W_2079	0.100	U		mg/L	0.1				0.01	0.0069	0.0069	1	0.1	0.00069	07/07/06	16:49
282167	Y_3710	0.0500	U		mg/L	0.05				0.005	-0.0025	-0.0025	1	0.05	-0.00025	07/07/06	16:49
282167	Zn2062	0.0579			mg/L	0.05				0.005	0.0579	0.0579	1	0.05	0.00579	07/07/06	16:49
282167	Zr3496	0.0500	U		mg/L	0.05				0.005	-0.0123	-0.0123	1	0.05	-0.00123	07/07/06	16:49
280588s	Ag3280	0.501			mg/L	0.05		100.2%	0.5	0.005	0.5011	0.501	1	0.05	0.05011	07/11/06	11:16
280588s	Al3082	19.9			mg/L	0.5		96.7%	20	0.05	19.8781	19.9	1	0.5	1.98781	07/11/06	11:16
280588s	As1890	20.0			mg/L	0.05		100.0%	20	0.005	20.0285	20	1	0.05	2.00285	07/11/06	11:16
280588s	B_2496	0.883		#DIV/0!	mg/L	0.2		#DIV/0!	0	0.02	0.8827	0.883	1	0.2	0.08827	07/11/06	11:16
280588s	Ba4934	20.2			mg/L	0.05		100.6%	20	0.005	20.1941	20.2	1	0.05	2.01941	07/11/06	11:16
280588s	Be3130	0.482			mg/L	0.05		96.4%	0.5	0.005	0.4824	0.482	1	0.05	0.04824	07/11/06	11:16
280588s	Bi2230	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	0.0844	0.0844	1	0.1	0.00844	07/11/06	11:16
280588s	Ca3179	720			mg/L	0.5		101.0%	200	0.05	720.4779	720	1	0.5	72.04779	07/11/06	11:16
280588s	Cd2265	0.485			mg/L	0.05		97.0%	0.5	0.005	0.4852	0.485	1	0.05	0.04852	07/11/06	11:16
280588s	Co2286	4.97			mg/L	0.05		97.8%	5	0.005	4.9656	4.97	1	0.05	0.49656	07/11/06	11:16
280588s	Cr2677	1.92			mg/L	0.05		96.0%	2	0.005	1.9169	1.92	1	0.05	0.19169	07/11/06	11:16
280588s	Cu3247	2.50			mg/L	0.05		100.0%	2.5	0.005	2.502	2.5	1	0.05	0.2502	07/11/06	11:16
280588s	Fe2714	127			mg/L	0.5		100.0%	10	0.05	127.1037	127	1	0.5	12.71037	07/11/06	11:16
280588s	La3988	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0231	0.0231	1	0.05	0.00231	07/11/06	11:16
280588s	Mg2790	317			mg/L	0.5		104.0%	200	0.05	316.6585	317	1	0.5	31.66585	07/11/06	11:16
280588s	Mn2576	5.71			mg/L	0.05		97.9%	5	0.005	5.7111	5.71	1	0.05	0.57111	07/11/06	11:16
280588s	Mo2020	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.0036	0.0036	1	0.05	0.00036	07/11/06	11:16
280588s	Ni2316	4.83			mg/L	0.05		96.6%	5	0.005	4.8312	4.83	1	0.05	0.48312	07/11/06	11:16
280588s	P_1782	41.1			mg/L	0.2		102.2%	40	0.02	41.1313	41.1	1	0.2	4.11313	07/11/06	11:16
280588s	Pd3404	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	0.0664	0.0664	1	0.1	0.00664	07/11/06	11:16
280588s	S_1820	538		#DIV/0!	mg/L	0.2		#DIV/0!	0	0.02	537.9322	538	1	0.2	53.79322	07/11/06	11:16
280588s	Sb2068	4.94			mg/L	0.15		98.8%	5	0.015	4.9411	4.94	1	0.15	0.49411	07/11/06	11:16
280588s	Si2881	65.0			mg/L	0.2		101.0%	40	0.02	65.0406	65	1	0.2	6.50406	07/11/06	11:16
280588s	Pb220	4.85			mg/L	0.05		95.6%	5	0.005	4.8487	4.85	1	0.05	0.48487	07/11/06	11:16
280588s	Se196	20.3			mg/L	0.05		101.5%	20	0.005	20.3457	20.3	1	0.05	2.03457	07/11/06	11:16
280588s	Sn1899	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	0.027	0.027	1	0.05	0.0027	07/11/06	11:16
280588s	Sr4215	5.27		#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	5.2705	5.27	1	0.05	0.52705	07/11/06	11:16
280588s	Th2837	0.300	U	#DIV/0!	mg/L	0.3		#DIV/0!	0	0.03	-0.2424	-0.242	1	0.3	-0.02424	07/11/06	11:16
280588s	Ti3349	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.003	-0.003	1	0.05	-0.0003	07/11/06	11:16
280588s	Tl1908	20.4			mg/L	0.1		102.0%	20	0.01	20.4041	20.4	1	0.1	2.04041	07/11/06	11:16

0101198

Div 20
to#060606-10, 060630-3, 060630-4, 060630-5
06002.20.242
All CCVs were within 90-110%, except 1 U CCV at 113% and W ICV/CCVs were 116-121%. No U or W was detected in the samples.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dilution	Calc RL	ug/ml	Date	Time
280588s	U_4090	1.25	U	#DIV/0!	mg/L	1.25		#DIV/0!	0	0.125	0.5337	0.534	1	1.25	0.05337	07/11/06	11:16
280588s	V_2924	4.82			mg/L	0.05		96.4%	5	0.005	4.8179	4.82	1	0.05	0.48179	07/11/06	11:16
280588s	W_2079	0.100	U	#DIV/0!	mg/L	0.1		#DIV/0!	0	0.01	0.0151	0.0151	1	0.1	0.00151	07/11/06	11:16
280588s	Y_3710	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0045	-0.0045	1	0.05	-0.00045	07/11/06	11:16
280588s	Zn2062	15.8			mg/L	0.05		92.0%	5	0.005	15.7539	15.8	1	0.05	1.57539	07/11/06	11:16
280588s	Zr3496	0.0500	U	#DIV/0!	mg/L	0.05		#DIV/0!	0	0.005	-0.0106	-0.0106	1	0.05	-0.00106	07/11/06	11:16

010199

TRACE METALS PREPARATORY LABORATORY DIGESTION LOG

SOUTHWEST RESEARCH INSTITUTE
SAN ANTONIO, TEXAS 78228

BOOK / PAGE: 63 213

CLIENT(S): Div. 20
TASK ORDER(S): 060630-3 SDG(S): 282118 070209
PROJECT NO(S): 06002.01.242
METHOD: 3005A___3050B___3050B-7.5___3010A___3020A___7760A___7740A___$HClO_4$___$HClO_4/H_2SO_4$___
Microwave___Fusion___Teflon___Rock___OTHER dilutions
MATRIX: Water___Soil___Biota___Solid___Liquid ✓ TCLP Ext___OTHER
INSTRUMENT: GFAA___ICP ✓ ICP-MS___IC___FLAA___HYDRIDE___OTHER
ACID INORG #: HNO_3# 5818 HCl# 5854 H_2SO_4#_____ $HClO_4$#_____ HF#_____ H_2O_2#_____
INTERNAL STD: Sc @ 10 PPM ✓ Be @ 10 PPM___SOURCE: EY INORG# 5843 EXP: 8-1-07 AMT: 100mL
Oven/Hotplate/ Block ID: N/A Temperature (°C): N/A

Sample Identification		df	WT(g)	I.V.(ml)	F.V.(ml)
PBW-G07H1				10	10
LCSW-PG07H1*				10	10
282118		10		1	10
282118d		10		1	10
282119		10		1	10
282119s*		10		1	10
282120		10		1	10
282121		10		1	10
282122		10		1	10
282123		10		1	10
282124		10		1	10
282125		10		1	10
282126		10		1	10
282127		10		1	10
282128		10		1	10
282129		10		1	10
282130		10		1	10
282131		10		1	10
282132		10		1	10
282133		10		1	10
282134		10		1	10
282135		10		1	10
282136		10		1	10
282137		10		1	10

Contacted:
Mark Ehnstrom
7-7-06 1031 Am
DL 7-7-06

*40uL P IV#5791 Exp. 6-1-07
*40uL Si IV# 5665 Exp.3/1/07
*40uL ICAL-1 Spex#5529 Exp. 12/30/06
*100uL Spike-1 # 5644 Exp. 2/15/07
PBW&LCSW are prepared as 10mls 1%HNO_3 / 5% HCL

LOCATION: Ndg

PREPARED BY: DL DATE: 7-7-06
REVIEWED BY: [signature] DATE: 7-12-06
DISPOSAL INT/DATE/LOC: _____

FRM-191 (Rev 4/Jan 05)

TRACE METALS PREPARATORY LABORATORY DIGESTION LOG

SOUTHWEST RESEARCH INSTITUTE
SAN ANTONIO, TEXAS 78228

BOOK / PAGE: 63 214

CLIENT(S): DOE-EM 010201
TASK ORDER(S): 060630-4 SDG(S): 282138
PROJECT NO(S): 06002-01.242
METHOD: 3005A ___ 3050B ___ 3050B-7.5 ___ 3010A ___ 3020A ___ 7760A ___ 7740A ___ $HClO_4$ ___ $HClO_4/H_2SO_4$ ___
Microwave ___ Fusion ___ Teflon ___ Rock ___ OTHER dilutions
MATRIX: Water ___ Soil ___ Biota ___ Solid ___ Liquid ✓ TCLP Ext ___ OTHER
INSTRUMENT: GFAA ___ ICP ✓ ICP-MS ___ IC ___ FLAA ___ HYDRIDE ___ OTHER
ACID INORG #: HNO_3# 5818 HCl# 5854 H_2SO_4# ___ $HClO_4$# ___ HF# ___ H_2O_2# ___
INTERNAL STD: Sc @ 10 PPM ✓ Be @ 10 PPM ___ SOURCE: IV INORG# 5843 EXP: 6-1-07 AMT: 100L
Oven/Hotplate/ Block ID: N/A Temperature (°C): N/A

Sample Identification		df	WT(g)	I.V.(ml)	F.V.(ml)
PBW-G07H2				10	10
LCSW-G07H2*				10	10
282138		10		1	10
282138d		10		1	10
282139		10		1	10
282139s*		10		1	10
282140		10		1	10
282141		10		1	10
282142		10		1	10
282143		10		1	10
282144		10		1	10
282145		10		1	10
282146		10		1	10
282147		10		1	10
282148		10		1	10
282149		10		1	10
282150		10		1	10
282151		10		1	10
282152		10		1	10
282153		10		1	10
282154		10		1	10
282155		10		1	10
282156		10		1	10
282157		10		1	10

*40uL P IV#5791 Exp. 6-1-07
*40uL Si IV# 5665 Exp.3/1/07
*40uL ICAL-1 Spex#5529 Exp. 12/30/06
*100uL Spike-1 # 5644 Exp. 2/15/07
PBW&LCSW are prepared as 10mls 1%HNO_3 / 5% HCL

Continued
Mark Ebinger
7-7-06 10:31 am
7-7-06

LOCATION: N/A

PREPARED BY: ___ DATE: 7-7-06
REVIEWED BY: ___ DATE: 7-12-06
DISPOSAL INT/DATE/LOC: ___

FRM-191 (Rev 4/Jan 05)

TRACE METALS PREPARATORY LABORATORY DIGESTION LOG

SOUTHWEST RESEARCH INSTITUTE
SAN ANTONIO, TEXAS 78228

BOOK / PAGE: 63 215

010202

CLIENT(S): Div. 20
TASK ORDER(S): 060630-5 SDG(S): 282158
PROJECT NO(S): 06002.01.247
METHOD: 3005A ___ 3050B ___ 3050B-7.5 ___ 3010A ___ 3020A ___ 7760A ___ 7740A ___ $HClO_4$ ___ $HClO_4/H_2SO_4$ ___
Microwave ___ Fusion ___ Teflon ___ Rock ___ OTHER Dilutions
MATRIX: Water ___ Soil ___ Biota ___ Solid ___ Liquid ✓ TCLP Ext ___ OTHER ___
INSTRUMENT: GFAA ___ ICP ✓ ICP-MS ___ IC ___ FLAA ___ HYDRIDE ___ OTHER ___
ACID INORG #: HNO_3# 5814 HCl# 5854 H_2SO_4# ___ $HClO_4$# ___ HF# ___ H_2O_2# ___
INTERNAL STD: Sc @ 10 PPM ✓ Be @ 10 PPM ___ SOURCE: IV INORG# 5643 EXP: 6-1-07 AMT: 1000
Oven/Hotplate/ Block ID: N/A Temperature (°C): N/A

Sample Identification		df	WT(g)	I.V.(ml)	F.V.(ml)
PBW-G07H3				10	10
LCSW-G07H3*				10	10
282158		10		1	10
282158d		10		1	10
282159		10		1	10
282159s*		10		1	10
282160		10		1	10
282161		10		1	10
282162		10		1	10
282163		10		1	10
282164		10		1	10
282165		10		1	10
282166		10		1	10
282167		10		1	10
282168		10		1	10

*40uL P IV#5791 Exp. 6-1-07
*40uL Si IV# 5665 Exp.3/1/07
*40uL ICAL-1 Spex#5529 Exp. 12/30/06
*100uL Spike-1 # 5644 Exp. 2/15/07
PBW&LCSW are prepared as 10mls 1%HNO_3 / 5% HCL

Contacted:
Mark Ehnstrom
7-7-06 10:31 AM
7-7-06

LOCATION:

PREPARED BY: ___ DATE: 7-7-06
REVIEWED BY: ___ DATE: 7-12-06
DISPOSAL INT/DATE/LOC: ___

FRM-191 (Rev 4/Jan 05)

TRACE METALS PREPARATORY LABORATORY DIGESTION LOG

SOUTHWEST RESEARCH INSTITUTE
SAN ANTONIO, TEXAS 78228

BOOK / PAGE: 63 216

CLIENT(S): D.V.2 010203
TASK ORDER(S): 06606-10 SDG(S): 280647
PROJECT NO(S): 06002, 20.242
METHOD: 3005A___3050B___3050B-7.5___3010A___3020A___7760A___7740A___$HClO_4$___$HClO_4/H_2SO_4$___
Microwave___Fusion___Teflon___Rock___OTHER dilutions
MATRIX: Water___Soil___Biota___Solid___Liquid ✓ TCLP Ext___OTHER
INSTRUMENT: GFAA___ICP ✓ ICP-MS___IC___FLAA___HYDRIDE___OTHER
ACID INORG #: HNO_3# 5618 HCl# 5654 H_2SO_4#_____ $HClO_4$#_____ HF#_____ H_2O_2#_____
INTERNAL STD: Sc @ 10 PPM ✓ Be @ 10 PPM___SOURCE: IV INORG# 5643 EXP: 6-1-07 AMT: 100L
Oven/Hotplate/ Block ID: N/A Temperature (°C): N/A

Sample Identification		df	WT(g)	I.V.(ml)	F.V.(ml)
PBW-G07H4				10	10
LCSW-FG07H4*				10	10
280587		10		1	10
280587d		10		1	10
280588		10		1	10
280588S		10		1	10
280589		10		1	10
280590		10		1	10
280643		10		1	10
280644		10		1	10
280645		10		1	10
280646		10		1	10
280647		10		1	10

*40uL P IV#5791 Exp. 6-1-07
*40uL Si IV# 5665 Exp.3/1/07
*40uL ICAL-1 Spex#5529 Exp. 12/30/06
*100uL Spike-1 # 5644 Exp. 2/15/07
PBW&LCSW are prepared as 10mls 1%HNO_3 / 5% HCL

Contacted:
Mark Enkshun
7-7-06 10:31 AM
7-7-06

LOCATION: N/A

PREPARED BY: _____ DATE: 7-7-06
REVIEWED BY: _____ DATE: 7-12-06
DISPOSAL INT/DATE/LOC: _____

FRM-191 (Rev 4/Jan 05)

TRACE METALS PREPARATORY LABORATORY DIGESTION LOG

SOUTHWEST RESEARCH INSTITUTE
SAN ANTONIO, TEXAS 78228

BOOK / PAGE: 63 217

010204

CLIENT(S): DW, CW

TASK ORDER(S): 060630-5 , 060606-10 SDG(S): 282158, 280647

PROJECT NO(S): 06002.01.242 – 06002.20.242

METHOD: 3005A___3050B___3050B-7.5___3010A___3020A___7760A___7740A___$HClO_4$___$HClO_4/H_2SO_4$___
Microwave___Fusion___Teflon___Rock___OTHER dilutions

MATRIX: Water, Soil___Biota___Solid___Liquid___TCLP Ext___OTHER

INSTRUMENT: GFAA___ICP, ICP-MS___IC___FLAA___HYDRIDE___OTHER

ACID INORG #: HNO_3# 5814 HCl# 5854 H_2SO_4#_____ $HClO_4$#_____ HF#_____ H_2O_2#_____

INTERNAL STD: Sc @ 10 PPM, Be @ 10 PPM___SOURCE: IV INORG# 5443 EXP: 8-1-07 AMT: 100L

Oven/Hotplate/ Block ID: N/A Temperature (°C): N/A

Sample Identification		df	WT(g)	I.V.(ml)	F.V.(ml)
PBW-G12H3				10	10
LCSW-G12H3*				10	10
280643		10		1	10
280643d		10		1	10
280644		10		1	10
280644s*		10		1	10
282164		10		1	10
282165		10		1	10
282166		10		1	10
282167		10		1	10
282168		10		1	10

*40uL ICAL-1 Spex#5529 Exp. 12/30/06
PBW&LCSW are prepared as 10mls 1%HNO_3 / 5% HCL

LOCATION: N/A

PREPARED BY: _____ DATE: 7-12-06

REVIEWED BY: Aduna DATE: 7/12/06

DISPOSAL INT/DATE/LOC: _____

TRACE METALS PREPARATORY LABORATORY DIGESTION LOG

SOUTHWEST RESEARCH INSTITUTE
SAN ANTONIO, TEXAS 78228

BOOK / PAGE: 63 218

010205

CLIENT(S): DV. ZW
TASK ORDER(S): 060630-3 SDG(S): 282118
PROJECT NO(S): 06002.101.242
METHOD: 3005A ___ 3050B ___ 3050B-7.5 ___ 3010A ___ 3020A ___ 7760A ___ 7740A ___ $HClO_4$ ___ $HClO_4/H_2SO_4$ ___
Microwave ___ Fusion ___ Teflon ___ Rock ___ OTHER dilutions
MATRIX: Water 2 Soil ___ Biota ___ Solid ___ Liquid ___ TCLP Ext ___ OTHER ___
INSTRUMENT: GFAA ___ ICP ✓ ICP-MS ___ IC ___ FLAA ___ HYDRIDE ___ OTHER ___
ACID INORG #: HNO_3# 5818 HCl# 5854 H_2SO_4# ___ $HClO_4$# ___ HF# ___ H_2O_2# ___
INTERNAL STD: Sc @ 10 PPM ✓ Be @ 10 PPM ___ SOURCE: IV INORG# 5843 EXP: 8-107 AMT: 100
Oven/Hotplate/ Block ID: N/A Temperature (°C): N/A

Sample Identification		df	WT(g)	I.V.(ml)	F.V.(ml)
PBW-G12H1				10	10
LCSW-G12H1*				10	10
282118		10		1	10
282118d		10		1	10
282119		10		1	10
282119s*		10		1	10
282120		10		1	10
282121		10		1	10
282122		10		1	10
282123		10		1	10
282124		10		1	10
282125		10		1	10
282126		10		1	10
282127		10		1	10
282128		10		1	10
282129		10		1	10
282130		10		1	10
282131		10		1	10
282132		10		1	10
282133		10		1	10
282134		10		1	10
282135		10		1	10
282136		10		1	10
282137		10		1	10

*40uL ICAL-1 Spex#5529 Exp. 12/30/06
PBW&LCSW are prepared as 10mls 1%HNO_3 / 5% HCL

7/12/06

LOCATION: N/A

PREPARED BY: ___ DATE: 71206
REVIEWED BY: Oquiña DATE: 7/12/06
DISPOSAL INT/DATE/LOC: ___

FRM-191 (Rev 4/Jan 05)

TRACE METALS PREPARATORY LABORATORY DIGESTION LOG

SOUTHWEST RESEARCH INSTITUTE
SAN ANTONIO, TEXAS 78228

BOOK / PAGE: 63 219

010206

CLIENT(S): D.V.2

TASK ORDER(S): 06630-4 SDG(S): 282138

PROJECT NO(S): 06002.01.242

METHOD: 3005A___3050B___3050B-7.5___3010A___3020A___7760A___7740A___$HClO_4$___$HClO_4/H_2SO_4$___

Microwave___Fusion___Teflon___Rock___OTHER Dilution

MATRIX: Water___Soil___Biota___Solid___Liquid___TCLP Ext___OTHER

INSTRUMENT: GFAA___ICP___ICP-MS___IC___FLAA___HYDRIDE___OTHER

ACID INORG #: HNO_3# 5418 HCl# 5854 H_2SO_4#_____ $HClO_4$# ~~5615~~ 5644 HF#_____ H_2O_2#_____

INTERNAL STD: Sc @ 10 PPM___Be @ 10 PPM___SOURCE: IV INORG# 5443 EXP: 8-1-07 AMT: 1000uL

Oven/Hotplate/ Block ID: N/A Temperature (°C): N/A

Sample Identification		df	WT(g)	I.V.(ml)	F.V.(ml)
PBW-G07H2				10	10
LCSW-G07H2*				10	10
282138		10		1	10
282188d		10		1	10
282139		10		1	10
282139s*		10		1	10
282140		10		1	10
282141		10		1	10
282142		10		1	10
282143		10		1	10
282144		10		1	10
282145		10		1	10
282146		10		1	10
282147		10		1	10
282148		10		1	10
282149		10		1	10
282150		10		1	10
282151		10		1	10
282152		10		1	10
282153		10		1	10
282154		10		1	10
282155		10		1	10
282156		10		1	10
282157		10		1	10

*100uL Spike-1 # 5644 Exp. 2/15/07
PBW&LCSW are prepared as 10mls 1%HNO_3 / 5% HCL

LOCATION: M+

PREPARED BY: _____ DATE: 7-12-06

REVIEWED BY: Adriana DATE: 7/12/06

DISPOSAL INT/DATE/LOC: _____

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SOUTHWEST RESEARCH INSTITUTE®

6220 Culebra Rd
San Antonio, Texas 78228

010207

TJA_2 TRACE ICP DAILY LOG

ANALYST _____ DATE 7-7-06

As 189.042 Profile Line As Intensity: 683.221

PEAK POSITION -.018543
VERNIER POSITION 7.14

QC PREP DATE:	
CCV/ICV	06G05
CRI	
ICSA	
ICSAB	06G05

STDs PREP DATE:	
CLP_STD1_SC	06G05
CLP_STD2_SC	
CLP_STD3_SC	
CLP_STD4_SC	
CLP_STD5_SC	
CLP_STD6_SC	
BLK_SC	06G05

COMMENTS	FILE	CLIENT	TO#	PROJECT NO.	METHOD
B606305	Y06JU1	DIV.20	060630-5	06002.01.242	6010B 63-215
B606306	Y06JU1	DIV.20	060606-10	06002.02.242	6010B 63-216
B606303+A	Y06JU1	DIV.20	060630-3	06002.01.242	6010B 63-213
B606303AA	Y06JU1	DIV.20	060630-4	06002.01.242	6010B 63-214

7-7-06

COMMENTS: _____

MAINTENANCE:
Changed pump tube

REVIEWED BY: Arduna DATE: 7/13/06

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SOUTHWEST RESEARCH INSTITUTE®

6220 Culebra Rd
San Antonio, Texas 78228

010208

TJA_2 TRACE ICP DAILY LOG

ANALYST [signature] DATE 7-11-06

As 189.042 Profile Line

As Intensity: 166.573

PEAK POSITION -.030487

VERNIER POSITION 721

QC PREP DATE:	
CCV/ICV	06G05
CRI	
ICSA	
ICSAB	06G05

STDs PREP DATE:	
CLP_STD1_SC	06G05
CLP_STD2_SC	
CLP_STD3_SC	
CLP_STD4_SC	
CLP_STD5_SC	
CLP_STD6_SC	
BLK_SC	06G05

COMMENTS	FILE	CLIENT	TO#	PROJECT NO.	METHOD
B060711	Y06501	Commute	060622-12	12136.003.005	6010B (4-15)
B060711A	Y06501	Div. 20	060606-10	06002.20.242	6010B (3-216)
		7-11-06			

COMMENTS:

MAINTENANCE: Changed Pump Tube / Cleaned Torch

REVIEWED BY: Oduña DATE: 7/13/06

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SOUTHWEST RESEARCH INSTITUTE®
6220 Culebra Rd
San Antonio, Texas 78228

010209

SPECTRO ICP DAILY LOG

ANALYST DL DATE 7-7-06

POWER: 1200 FLOWS:

Aux 40
Coolant 60
Mass Flow Controller 488

CURRENT	PROPOSED	
514	514	Na
4781	4780	Fe
4947	4944	Sr

QC PREP DATE:	
CCV/ICV	06605
CRI	
ICSA	
ICSAB	06605

CLP_STD1_SC	06605
CLP_STD2_SC	
CLP_STD3_SC	
CLP_STD4_SC	
CLP_STD5_SC	
BLK_SC	06605

FILE	CLIENT	TO#	PROJECT NO.	METHOD	PREP PAGE
060707A	DIV. 20	060630-3	06002.01.242	6010B	63-213
060707A		060630-4	06002.01.242	6010B	63-214
060707		060630-5	06002.01.242	6010B	63-215
060707	DIV. 20	060606-10	06002.20.242	6010B	63-216

7-7-06

COMMENTS:

MAINTENANCE:

Cleaned Torch: _____ YES
Changed Pump Tubing: ✓ YES
Cleaned Optics: _____ YES
Polished Optics: _____ YES

OTHER:

REVIEWED BY: Ordiña DATE: 7/13/06

BOOK/ PAGE 20 032

SOUTHWEST RESEARCH INSTITUTE®
6220 Culebra Rd
San Antonio, Texas 78228

010210

SPECTRO ICP DAILY LOG

ANALYST [signature] DATE 7-12-06

POWER: 1200 FLOWS:

Aux 40
Coolant 60
Mass Flow Controller 887

CURRENT	PROPOSED	
5190	5121	Na
4766	4779	Fe
4929	4947	Sr

QC PREP DATE:	
CCV/ICV	06G05
CRI	
ICSA	
ICSAB	06G05

CLP_STD1_SC	06G05
CLP_STD2_SC	
CLP_STD3_SC	
CLP_STD4_SC	
CLP_STD5_SC	
BLK_SC	06G05

FILE	CLIENT	TO#	PROJECT NO.	METHOD	PREP PAGE
060712	DV. 20	060630-5	06002.01.242	6010B	~~63~~ 63-217
060712	DV. 20	060606-10	06002.20.242		63-217
060712A	DV. 20	060630-3	06002.01.242		63-218
060712A	DV. 20	060630-4	06002.01.242	6010B	63 63-219

COMMENTS: _____

MAINTENANCE:

Cleaned Torch: _____ YES
Changed Pump Tubing: ✓ YES
Cleaned Optics: _____ YES
Polished Optics: _____ YES

OTHER: _____

REVIEWED BY: Ordaña DATE: 7/13/06

ICP Calibration Blank/ICB/CCB Solution

ID: BLK- 050705

Date Prepared: 7-5-06 Prepared By: [signature] 010211

Make up as needed in 1000ml volumetric flask.

Added ✓ 10 ml HNO3 INORG #: 5818

Added ✓ 50 ml HCL INORG #: 5853

Added ✓ 1000ul of 10000ppm Sc (INORG. VENT.) EXP. Date: 5753 INORG #: 5-1-07

ICP Calibration Blank/ICB/CCB Solution

ID: BLK-

Date Prepared:_____ Prepared By:_____

Make up as needed in 1000ml volumetric flask.

Added_____ 10 ml HNO3 INORG #:_____

Added_____ 50 ml HCL INORG #:_____

Added_____ 1000ul of 10000ppm Sc (INORG. VENT.) EXP. Date: _____INORG #:_____

ICP Calibration Blank/ICB/CCB Solution

ID: BLK-

Date Prepared:_____ Prepared By:_____

Make up as needed in 1000ml volumetric flask.

Added_____ 10 ml HNO3 INORG #:_____

Added_____ 50 ml HCL INORG #:_____

Added_____ 1000ul of 10000ppm Sc (INORG. VENT.) EXP. Date: _____INORG #:_____

ICP Calibration Blank/ICB/CCB Solution

ID: BLK-

Date Prepared:_____ Prepared By:_____

Make up as needed in 1000ml volumetric flask.

Added_____ 10 ml HNO3 INORG #:_____

Added_____ 50 ml HCL INORG #:_____

Added_____ 1000ul of 10000ppm Sc (INORG. VENT.) EXP. Date: _____INORG #:_____

ICP ICV/CCV SOLUTION

010212

CCV- 06B05

Date Prepared: 7-5-06 Prepared By: [signature]

HNO3 INORG #: 5818 HCl INORG #: 5853

Make up as needed in 1000ml volumetric flask in 1% HNO3 AND 5% HCl.

Element	Std Conc (ppm)	Amt added	Check	Source	Inorg #	Stock Conc (ppm)	Exp Date
Sc	10	1ml	✓	INORGVENT	5753	10000	5-1-07
B	5	5ml	✓	SPEX	5585	1000	1-15-07
Li	5	5ml	✓	SPEX	5847	1000	6-30-07
Mo	5	5ml	✓	SPEX	5848	1000	6-30-07
P	5	5ml	✓	SPEX	5849	1000	6-30-07
Si	5	5ml	✓	SPEX	5669	1000	2-28-07
Ti	5	5ml	✓	SPEX	5681	1000	2-28-07
Sr	5	5ml	✓	SPEX	5786	1000	5-30-07
Sn	5	5ml	✓	SPEX	5680	1000	10-30-06
Bi	5	5ml	✓	SPEX	5432	1000	10-15-06
La	5	5ml	✓	SPEX	5846	1000	6-30-07
Y	5	5ml	✓	SPEX	5852	1000	6-30-07
Pd	1	1ml	✓	SPEX	5586	1000	1-15-07
S	1	1ml	✓	SPEX	5850	1000	6-30-07
Th	1	1ml	✓	SPEX	5358	1000	8-30-06
U	1	1ml	✓	SPEX	5851	1000	6-30-07
W	1	1ml	✓	SPEX	5314	1000	7-30-06
Zr	5	5ml	✓	SPEX	5670	1000	~~1-15-07~~ 2-28-07
Na	10	1ml	✓	SPEX	5587	10000	1-15-07
ICV-2A	vary	10ml	✓	SPEX	5429	mix	10-15-06
ICV-2B	vary	1ml	✓	SPEX	5430	mix	10-15-06
ICV-2C	vary	10ml	✓	SPEX	5428	mix	10-15-06

Expiration Date: 7-30-06

ICP Calibration Standards

010213

Date Prepared: 7-5-06 Prepared By: [signature]

HNO3 INORG #: 5814 HCl INORG #: 5853

Make up as needed in 500 ml volumetric flasks in 1% HNO3 and 5% HCl.

Prepared	Standard Name	Element	Std Conc (ppm)	Added ml	Check	Source	INORG #	Stock Conc (ppm)	Exp Date
7-5-06	STD1- 06G05	Al	50	2.50	✓	INORVENT	5405	10000	10-1-06
		Ca	50	2.50	✓	INORVENT	5636	10000	3-1-07
		Fe	50	2.50	✓	INORVENT	5661	10000	3-1-07
		K	50	2.50	✓	INORVENT	5471	10000	12-1-06
		Mg	25	1.25	✓	INORVENT	5317	10000	8-1-06
		Na	50	2.50	✓	INORVENT	5310	10000	8-1-06
		Li	10	5.00	✓	INORVENT	5790	1000	6-1-07
		Sc	10	0.500	✓	INORVENT	5753	10000	5-1-07
	STD2- 06G05	Ba	10	5.00	✓	INORVENT	5657	1000	3-1-07
		Be	5	2.50	✓	INORVENT	5787	1000	6-1-07
		Cr	10	5.00	✓	INORVENT	5470	1000	12-1-06
		Cu	10	5.00	✓	INORVENT	5659	1000	3-1-07
		Ni	10	5.00	✓	INORVENT	5663	1000	3-1-07
		Sc	10	0.500	✓	INORVENT	5753	10000	5-1-07
	STD3- 06G05	Cd	10	5.00	✓	INORVENT	5660	1000	3-1-07
		Co	10	5.00	✓	INORVENT	5658	1000	3-1-07
		Mn	10	5.00	✓	INORVENT	5634	1000	3-1-07
		V	10	5.00	✓	INORVENT	5472	1000	12-1-06
		Zn	10	5.00	✓	INORVENT	5538	1000	2-1-07
		Sc	10	0.500	✓	INORVENT	5753	10000	5-1-07
	STD4- 06G05	Ag	2	1.00	✓	INORVENT	5406	1000	10-1-06
		As	10	5.00	✓	INORVENT	5633	1000	3-1-07
		Pb	10	5.00	✓	INORVENT	5789	1000	6-1-07
		Sb	10	5.00	✓	INORVENT	5655	1000	3-1-07
		Se	10	5.00	✓	INORVENT	5313	1000	8-1-06
		TL	10	5.00	✓	INORVENT	5635	1000	3-1-07
		Sc	10	0.500	✓	INORVENT	5753	10000	5-1-07
	STD5- 06G05	B	10	5.00	✓	INORVENT	5656	1000	3-1-07
		Mo	10	5.00	✓	INORVENT	5662	1000	3-1-07
		P	10	5.00	✓	INORVENT	5791	1000	6-1-07
		Si	10	5.00	✓	INORVENT	5665	1000	3-1-07
		Ti	10	5.00	✓	INORVENT	5474	1000	12-1-06
		Sr	10	5.00	✓	INORVENT	5792	1000	6-1-07
		Sn	10	5.00	✓	INORVENT	5755	1000	5-1-07
		Bi	5	2.50	✓	INORVENT	5309	1000	8-1-06
		Sc	10	0.500	✓	INORVENT	5753	10000	5-1-07
7-5-06	STD6- 06G05	La	10	5.00	✓	INORVENT	5407	1000	10-1-06
		Na	1	0.05	✓	INORVENT	5310	10000	8-1-06
		Pd	10	5.00	✓	INORVENT	5664	1000	3-1-07
		S	10	5.00	✓	INORVENT	5539	1000	2-1-07
		Th	10	5.00	✓	INORVENT	5469	1000	12-1-06
		U	10	5.00	✓	INORVENT	5644	1000	8-1-07
		W	5	2.50	✓	INORVENT	5308	1000	8-1-06
		Y	10	5.00	✓	INORVENT	5566	1000	2-1-07
		Zr	10	5.00	✓	INORVENT	5311	1000	8-1-06
		SC	10	0.500	✓	INORVENT	5753	10000	5-1-07

Expiration Dates:

STD1: 8-1-06 **STD4:** 8-1-06

STD2: 8-5-06 **STD5:** 8-1-06

STD3: 8-5-06 **STD6:** 8-1-06

☐ 200.7 TAP No. 01-0406-028 Rev3/Jan06

☑ 6010B TAP No. 01-0406-130 Rev5/Jan06

☐ Other _____

QC STD. ID's	
CCV	06Ge5
CRI	
ICSA	
ICSAB	06Ge5

ICP CAL.STD. ID's	010214
Std0	06Ge5
Std1	
Std2	
Std3	
Std4	
Std5	
Std6	06Ge5

PROJ. NO.	PROJECT	~~TO#~~	DATE	MATRIX	LOGBK PG
06002.01.242	Div. 20	060630-3	7-7-06	Water	63-213
06002.01.242	Div. 20	060630-4	7-7-06	Water	63-214
~~↓~~	~~↓~~	~~060630-5~~	~~↓~~	~~↓~~	~~63-215~~

7/12/06

INSTRUMENT: Trace2 FILENAME: B606303

7-9-06

File converted to wsl? ☐

Method: DAILY2 Standard: blk
Run Time: 07/07/06 17:34:44

010215

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Avge	.0000	.0006	-.0000	.0000	-.0000	.0005	.0000
SDev	.0000	.0000	.0000	.0000	.0000	.0000	.0000
%RSD	249.4	.6032	16.66	14.63	58.76	1.743	119.9
#1	-.0000	.0006	-.0000	.0000	-.0000	.0005	.0000
#2	.0000	.0006	-.0000	.0000	-.0000	.0005	.0000

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avge	.0000	.0000	-.0000	-.0000	.0003	.0000	.0002
SDev	.0000	.0000	.0000	.0000	.0000	.0000	.0001
%RSD	10.36	56.72	141.4	184.2	2.693	240.8	22.54
#1	.0000	.0000	-.0000	-.0001	.0003	.0000	.0003
#2	.0000	.0000	.0000	.0000	.0003	-.0000	.0002

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Avge	.0001	.0001	.0000	.0000	-.0000	-.0002	-.0073
SDev	.0001	.0000	.0000	.0000	.0000	.0000	.0003
%RSD	85.91	23.63	168.4	596.3	25.83	19.54	4.457
#1	.0000	.0001	-.0000	-.0000	-.0000	-.0002	-.0071
#2	.0001	.0001	.0000	.0000	-.0000	-.0002	-.0075

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Avge	-.0000	.0000	.0001	-.0001	.0001	.0004	-.0011
SDev	.0000	.0000	.0001	.0000	.0001	.0000	.0000
%RSD	432.1	12.04	117.4	37.26	71.40	1.495	1.235
#1	-.0000	.0000	.0000	-.0001	.0001	.0004	-.0011
#2	.0000	.0001	.0002	-.0001	.0000	.0004	-.0011

Elem	Sc3613	1960/1	1960/2	Si2881	Sn1899	Sr4215	Th2837
Avge	103.3	-.0001	.0001	.0018	.0000	.0000	.0000
SDev	1.0	.0000	.0000	.0001	.0000	.0000	.0000
%RSD	.9584	25.44	.9577	3.704	366.8	83.53	100.5
#1	104.0	-.0001	.0001	.0018	.0000	.0000	.0000
#2	102.6	-.0001	.0001	.0019	-.0000	.0000	.0000

Elem	Ti3349	Tl1908	U_4090	V_2924	W_2079	Y_3710	Zn2062
Avge	-.0001	-.0002	-.0001	-.0000	.0002	-.0000	.0000
SDev	.0000	.0000	.0002	.0000	.0000	.0000	.0000
%RSD	26.74	6.278	330.5	18.47	13.39	883.5	55.21
#1	-.0002	-.0002	-.0002	-.0001	.0002	-.0000	.0000
#2	-.0001	-.0002	.0001	-.0000	.0003	.0000	.0000

Elem	Zr3496
Avge	-.0000
SDev	.0001
%RSD	280.2
#1	-.0001
#2	.0000

7-7-06

7/7/2006

010216

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1032760	10000	--	--	--	--	--
SDev	9890.303	.0000000	--	--	--	--	--
%RSD	.9576579	.0000000	--	--	--	--	--
#1	1039753	10000	--	--	--	--	--
#2	1025766	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std4
Run Time: 07/07/06 17:39:30

010217

Elem	Ag3280	As1890	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.0865	.1144	.2993	.2642	.1683	.2244	.2401
SDev	.0001	.0001	.0038	.0027	.0004	.0021	.0001
%RSD	.1193	.1209	1.275	1.002	.2516	.9275	.0273
#1	.0865	.1145	.3020	.2660	.1680	.2259	.2401
#2	.0866	.1143	.2966	.2623	.1686	.2230	.2401

Elem	Tl1908
Avge	.2044
SDev	.0003
%RSD	.1332
#1	.2046
#2	.2042

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1052024	10000	--	--	--	--	--
SDev	12659.33	.0000000	--	--	--	--	--
%RSD	1.203331	.0000000	--	--	--	--	--
#1	1043073	10000	--	--	--	--	--
#2	1060976	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std1
Run Time: 07/07/06 17:43:53

010218

Elem	Al3082	Ca3179	Fe2714	K_7664	Li6707	Mg2790	Na3302
Avge	.1073	.2182	.0851	.1856	2.954	.0935	.0086
SDev	.0003	.0014	.0002	.0008	.009	.0003	.0000
%RSD	.2629	.6554	.2703	.4463	.3201	.3046	.0697
#1	.1075	.2172	.0849	.1862	2.960	.0933	.0086
#2	.1071	.2192	.0852	.1850	2.947	.0937	.0086

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1024988	10000	--	--	--	--	--
SDev	11271.99	.0000000	--	--	--	--	--
%RSD	1.099720	.0000000	--	--	--	--	--
#1	1032958	10000	--	--	--	--	--
#2	1017017	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std5
Run Time: 07/07/06 17:47:34

010219

Elem	B_2496	Bi2230	Mo2020	P_1782	Si2881	Sn1899	Sr4215
Avge	.1782	.0320	.3027	.0282	.1704	.1430	2.507
SDev	.0002	.0001	.0003	.0000	.0001	.0002	.003
%RSD	.1088	.4619	.1097	.0145	.0273	.1401	.1222
#1	.1781	.0319	.3029	.0282	.1704	.1432	2.505
#2	.1784	.0321	.3024	.0282	.1705	.1429	2.509

Elem	Ti3349
Avge	2.935
SDev	.001
%RSD	.0216
#1	2.935
#2	2.935

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1056910	10000	--	--	--	--	--
SDev	5614.428	.0000000	--	--	--	--	--
%RSD	.5312116	.0000000	--	--	--	--	--
#1	1052940	10000	--	--	--	--	--
#2	1060880	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std2
Run Time: 07/07/06 17:51:17

010220

Elem	Ba4934	Be3130	Cr2677	Cu3247	Ni2316
Avge	.9793	1.420	.4251	.3450	.3180
SDev	.0025	.004	.0010	.0017	.0008
%RSD	.2534	.2894	.2402	.4808	.2448
#1	.9811	1.417	.4244	.3462	.3174
#2	.9776	1.423	.4259	.3439	.3185

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1055145	10000	--	--	--	--	--
SDev	11201.99	.0000000	--	--	--	--	--
%RSD	1.061654	.0000000	--	--	--	--	--
#1	1063066	10000	--	--	--	--	--
#2	1047224	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std3
Run Time: 07/07/06 17:54:58

010221

Elem	Cd2265	Co2286	Mn2576	V_2924	Zn2062
Avge	.9507	.2041	1.005	.2044	.2492
SDev	.0037	.0004	.002	.0003	.0013
%RSD	.3914	.1791	.2285	.1421	.5000
#1	.9534	.2043	1.007	.2046	.2500
#2	.9481	.2038	1.003	.2042	.2483

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1048042	10000	--	--	--	--	--
SDev	5799.690	.0000000	--	--	--	--	--
%RSD	.5533834	.0000000	--	--	--	--	--
#1	1043941	10000	--	--	--	--	--
#2	1052143	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std6
Run Time: 07/07/06 17:58:38

010222

Elem	La3988	Na5889	Pd3404	S_1820	Th2837	U_4090	W_2079
Avge	.4796	.0461	.2122	.0334	.1029	.0666	.1591
SDev	.0013	.0000	.0008	.0000	.0000	.0002	.0008
%RSD	.2617	.0938	.3747	.0621	.0087	.2996	.4741
#1	.4787	.0461	.2117	.0334	.1029	.0668	.1596
#2	.4805	.0462	.2128	.0334	.1029	.0665	.1585

Elem	Y_3710	Zr3496
Avge	.7501	2.055
SDev	.0003	.007
%RSD	.0392	.3352
#1	.7499	2.050
#2	.7503	2.060

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1047119	10000	--	--	--	--	--
SDev	11921.82	.0000000	--	--	--	--	--
%RSD	1.138535	.0000000	--	--	--	--	--
#1	1038689	10000	--	--	--	--	--
#2	1055549	10000	--	--	--	--	--

Standardization Report 07/07/06 06:02:29 PM page 1

Method: DAILY2 Slope = Conc(SIR)/IR

010223

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	clp_std4	blk	23.1114	-.000204	07/07/06 05:58:38
Al3082	308.215	clp_std1	blk	468.363	-.271431	07/07/06 05:58:38
As1890	189.042	clp_std4	blk	87.3986	.003430	07/07/06 05:58:38
B_2496	249.678	clp_std5	blk	56.1212	-.002529	07/07/06 05:58:38
Ba4934	493.409	clp_std2	blk	10.2111	.000187	07/07/06 05:58:38
Be3130	313.042	clp_std2	blk	3.52217	-.001697	07/07/06 05:58:38
Bi2230	223.061	clp_std5	blk	155.025	-.002985	07/07/06 05:58:38
Ca3179	317.933	clp_std1	blk	229.235	-.005546	07/07/06 05:58:38
Cd2265	226.502	clp_std3	blk	10.5157	-.000220	07/07/06 05:58:38
Co2286	228.616	clp_std3	blk	49.0042	.000236	07/07/06 05:58:38
Cr2677	267.716	clp_std2	blk	23.5208	.000531	07/07/06 05:58:38
Cu3247	324.753	clp_std2	blk	29.0076	-.009158	07/07/06 05:58:38
Fe2714	271.441	clp_std1	blk	588.074	-.008162	07/07/06 05:58:38
K_7664	766.491	clp_std1	blk	269.763	-.064448	07/07/06 05:58:38
La3988	398.853	clp_std6	blk	20.8708	-.001278	07/07/06 05:58:38
Li6707	670.784	clp_std1	blk	3.38557	-.000273	07/07/06 05:58:38
Mg2790	279.078	clp_std1	blk	267.258	-.004044	07/07/06 05:58:38
Mn2576	257.610	clp_std3	blk	9.94884	-.000015	07/07/06 05:58:38
Mo2020	202.030	clp_std5	blk	33.0428	.000591	07/07/06 05:58:38
Na3302	330.232	clp_std1	blk	5665.79	1.10648	07/07/06 05:58:38
Na5889	588.991	clp_std6	blk	18.8349	.137458	07/07/06 05:58:38
Ni2316	231.604	clp_std2	blk	31.4472	.000149	07/07/06 05:58:38
P_1782	178.287	clp_std5	blk	354.873	-.017535	07/07/06 05:58:38
2203/1	220.351	clp_std4	blk	33.4306	-.004167	07/07/06 05:58:38
2203/2	220.352	clp_std4	blk	37.8462	.002570	07/07/06 05:58:38
Pd3404	340.458	clp_std6	blk	48.3574	-.003523	07/07/06 05:58:38
S_1820	182.040	clp_std6	blk	302.940	-.126857	07/07/06 05:58:38
Sb2068	206.838	clp_std4	blk	59.0241	.066349	07/07/06 05:58:38
Sc3613	361.384	blk	dark	.968242	.000000	07/07/06 05:58:38
1960/1	196.021	clp_std4	blk	44.5434	.003239	07/07/06 05:58:38
1960/2	196.022	clp_std4	blk	41.6602	-.002219	07/07/06 05:58:38
Si2881	288.158	clp_std5	blk	59.0691	-.107518	07/07/06 05:58:38
Pb220	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se196	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sn1899	189.989	clp_std5	blk	69.9730	-.000300	07/07/06 05:58:38
Sr4215	421.552	clp_std5	blk	3.98902	-.000056	07/07/06 05:58:38
Th2837	283.730	clp_std6	blk	101.584	-.000685	07/07/06 05:58:38
Ti3349	334.941	clp_std5	blk	3.40705	.000446	07/07/06 05:58:38
Tl1908	190.864	clp_std4	blk	48.8849	.008807	07/07/06 05:58:38
U_4090	409.014	clp_std6	blk	149.111	.009025	07/07/06 05:58:38
V_2924	292.402	clp_std3	blk	48.9146	.002413	07/07/06 05:58:38
W_2079	207.914	clp_std6	blk	31.4753	-.007624	07/07/06 05:58:38
Y_3710	371.030	clp_std6	blk	13.3281	.000012	07/07/06 05:58:38
Zn2062	206.200	clp_std3	blk	40.1543	-.000253	07/07/06 05:58:38
Zr3496	349.621	clp_std6	blk	5.31528	.000201	07/07/06 05:58:38

Method: DAILY2 Sample Name: icv/ccv Operator:
Run Time: 07/07/06 18:02:41
Comment:
Mode: CONC Corr. Factor: 1

010224

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9849	9.954	5.109	4.934	10.19	.9875	5.016
SDev	.0001	.010	.001	.021	.02	.0010	.004
%RSD	.0080	.0962	.0187	.4318	.2236	.1004	.0833
#1	.9848	9.961	5.110	4.918	10.21	.9882	5.013
#2	.9850	9.947	5.108	4.949	10.18	.9868	5.019
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.11	.9987	5.070	1.989	2.042	10.45	18.77
SDev	.08	.0013	.017	.007	.005	.05	.01
%RSD	.3787	.1332	.3266	.3584	.2326	.4838	.0629
#1	20.16	.9996	5.081	1.994	2.038	10.49	18.78
#2	20.06	.9977	5.058	1.984	2.045	10.42	18.77
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.983	4.868	19.97	1.011	5.057	27.97	Q41.03
SDev	.001	.014	.06	.002	.010	.04	.09
%RSD	.0229	.2778	.2822	.2362	.1984	.1553	.2115
#1	4.983	4.878	20.01	1.013	5.064	28.00	Q41.09
#2	4.982	4.859	19.93	1.009	5.050	27.94	Q40.97
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.977	5.098	5.017	5.013	1.013	1.017	.9906
SDev	.017	.001	.020	.029	.004	.011	.0019
%RSD	.3464	.0221	.3924	.5817	.4136	1.040	.1890
#1	4.989	5.099	5.031	5.034	1.010	1.024	.9919
#2	4.965	5.097	5.003	4.993	1.016	1.009	.9893
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010225

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.96	5.226	5.192	5.033	5.015	5.203	5.110
SDev	1.14	.005	.009	.002	.026	.005	.012
%RSD	1.160	.0872	.1819	.0369	.5186	.0918	.2335
#1	97.15	5.222	5.198	5.034	5.033	5.206	5.119
#2	98.76	5.229	5.185	5.032	4.996	5.200	5.102
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				5.000	5.000	5.000	5.000
Range				10.00	10.00	10.00	10.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.121	.9864	4.806	5.242	.9827	4.984	Q1.207
SDev	.002	.0046	.001	.006	.0040	.007	.003
%RSD	.0325	.4640	.0276	.1183	.4023	.1471	.2701
#1	5.122	.9897	4.807	5.237	.9799	4.989	Q1.209
#2	5.120	.9832	4.805	5.246	.9855	4.979	Q1.205
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	1.000	5.000	5.000	1.000	5.000	1.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.050	1.017	4.766
SDev	.000	.004	.004
%RSD	.0072	.4096	.0846
#1	5.050	1.020	4.763
#2	5.050	1.014	4.769
Errors	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000
Range	10.00	10.00	10.00

010226

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1011560	10000	--	--	--	--	--
SDev	11792.42	.0000000	--	--	--	--	--
%RSD	1.165765	.0000000	--	--	--	--	--
#1	1003222	10000	--	--	--	--	--
#2	1019899	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb Operator: 010227
Run Time: 07/07/06 18:07:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0018	-.0132	-.0008	.0078	.0002	-.0000	-.0082
SDev	.0002	.0009	.0007	.0010	.0001	.0000	.0064
%RSD	10.27	6.911	96.33	12.90	44.73	122.4	78.30
#1	-.0019	-.0139	-.0002	.0086	.0001	-.0000	L-.0127
#2	-.0016	-.0126	-.0013	.0071	.0002	-.0000	-.0036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0013	-.0004	-.0013	.0010	.0006	-.0047	-.0124
SDev	.0019	.0001	.0002	.0010	.0003	.0181	.0248
%RSD	150.8	33.78	12.40	97.90	60.33	388.6	199.8
#1	-.0026	-.0004	-.0014	.0003	.0003	-.0175	-.0299
#2	.0001	-.0003	-.0012	.0017	.0008	.0081	.0051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0029	.0001	-.0121	.0001	.0009	.0079	-.0030
SDev	.0004	.0001	.0057	.0001	.0005	.4708	.0064
%RSD	12.00	42.46	47.42	62.41	55.04	5925.	218.3
#1	-.0032	.0001	-.0162	.0001	.0012	L-.3249	-.0075
#2	-.0027	.0002	-.0080	.0002	.0005	H.3408	.0016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0020	-.0057	.0052	-.0037	.0008	.0035
SDev	.0012	.0008	.0013	.0017	.0060	.0113	.0017
%RSD	505.7	38.42	22.27	31.79	159.2	1505.	48.96
#1	-.0006	.0015	-.0066	.0064	L-.0079	-.0073	.0023
#2	.0011	.0025	-.0048	.0040	.0005	.0088	.0047
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010228

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.68	-.0043	.0023	-.0068	.0016	.0001	-.0019
SDev	.25	.0026	.0003	.0001	.0007	.0006	.0015
%RSD	.2508	59.07	14.09	2.056	42.90	538.1	76.15
#1	99.86	-.0025	.0021	-.0069	.0021	.0006	-.0030
#2	99.51	-.0061	.0026	-.0067	.0011	-.0003	-.0009
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0065	.0001	.0015	-.0867	.0004	-.0046
SDev	.0000	.0010	.0002	.0016	.0218	.0007	.0004
%RSD	12.80	15.11	263.9	107.4	25.10	175.8	9.554
#1	-.0001	.0072	-.0001	.0027	L-.1021	-.0001	-.0049
#2	-.0001	.0058	.0002	.0004	-.0713	.0009	-.0043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	-.0004	.0002
SDev	.0002	.0000	.0008
%RSD	156.9	.0003	488.3
#1	-.0000	-.0004	-.0004
#2	.0002	-.0004	.0007
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1029475	10000	--	--	--	--	--
SDev	2609.224	.0000000	--	--	--	--	--
%RSD	.2534519	.0000000	--	--	--	--	--
#1	1031320	10000	--	--	--	--	--
#2	1027630	10000	--	--	--	--	--

010229

Method: DAILY2 Sample Name: cri Operator:
Run Time: 07/07/06 18:12:15 010230
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0201	.0945	.0201	.1047	.0206	.0100	-.0006
SDev	.0003	.0010	.0002	.0017	.0001	.0000	.0000
%RSD	1.279	1.050	.8752	1.603	.4897	.3210	1.926
#1	.0200	.0952	.0202	.1058	.0207	.0100	-.0006
#2	.0203	.0938	.0200	.1035	.0206	.0100	-.0006
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.0200	.1000	.0200	.1000	.0200	.0100	
Range	50.00	50.00	50.00	50.00	50.00	50.00	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0028	.0102	.1012	.0212	.0499	.1221	-.0062
SDev	.0024	.0001	.0004	.0021	.0008	.0117	.0257
%RSD	86.02	1.391	.4321	9.822	1.612	9.588	412.9
#1	-.0046	.0101	.1009	.0227	.0505	.1139	-.0244
#2	-.0011	.0103	.1015	.0197	.0493	.1304	.0120
Errors	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value		.0100	.1000	.0200	.0500	.1000	
Range		50.00	50.00	50.00	50.00	50.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0685	-.0012	.0305	.0204	.1516	-.0062
SDev	.0007	.0003	.0018	.0001	.0008	.1815	.0051
%RSD	714.0	.4352	150.9	.1667	3.774	119.7	82.82
#1	-.0006	.0683	-.0024	.0306	.0209	.0233	-.0098
#2	.0004	.0688	.0001	.0305	.0198	.2800	-.0026
Errors	NOCHECK	QC Pass	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK
Value		.1000		.0300	.0200		
Range		50.00		50.00	50.00		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0815	.1031	.0058	.0070	-.0004	.0098	.1299
SDev	.0011	.0069	.0012	.0015	.0050	.0085	.0055
%RSD	1.397	6.662	21.26	21.96	1216.	86.62	4.205
#1	.0824	.1080	.0050	.0080	-.0039	.0159	.1337
#2	.0807	.0983	.0067	.0059	.0031	.0038	.1260
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	.0800	.1000					.1200
Range	50.00	50.00					50.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010231

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.79	.0096	.0119	.1011	.0066	.0111	.1035
SDev	1.43	.0036	.0019	.0003	.0006	.0025	.0007
%RSD	1.444	37.53	16.17	.3210	9.227	22.29	.6620
#1	99.80	.0070	.0105	.1009	.0070	.0094	.1040
#2	97.78	.0121	.0132	.1013	.0062	.0129	.1030
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				.1000	.0060	.0100	.1000
Range				50.00	50.00	50.00	50.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0208	.0051	.0194	.0215	.1786	.1012	-.0028
SDev	.0000	.0025	.0003	.0016	.0120	.0008	.0015
%RSD	.1425	49.61	1.688	7.283	6.738	.8397	55.58
#1	.0208	.0069	.0196	.0204	.1701	.1018	-.0017
#2	.0208	.0033	.0191	.0227	.1871	.1006	-.0038
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.0200		.0200	.0200	.2000	.1000	
Range	50.00		50.00	50.00	50.00	50.00	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0415	.0913
SDev	.0002	.0003	.0005
%RSD	109.7	.6271	.5428
#1	.0003	.0417	.0916
#2	.0000	.0413	.0909
Errors	NOCHECK	QC Pass	QC Pass
Value		.0400	.1000
Range		50.00	50.00

010232

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1020204	10000	--	--	--	--	--
SDev	14719.84	.0000000	--	--	--	--	--
%RSD	1.442832	.0000000	--	--	--	--	--
#1	1030613	10000	--	--	--	--	--
#2	1009796	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsa Operator:
Run Time: 07/07/06 18:17:00
Comment:
Mode: CONC Corr. Factor: 1

010233

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	507.2	-.0057	-.0144	.0025	.0001	-.0036
SDev	.0006	.9	.0025	.0001	.0000	.0000	.0097
%RSD	250.3	.1702	44.36	.7468	1.805	4.824	271.9
#1	-.0007	506.6	-.0075	-.0143	.0025	.0001	-.0104
#2	.0002	507.8	-.0039	-.0145	.0024	.0001	.0033
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		500.0					
Range		20.00					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.3	.0025	.0005	-.0007	.0017	190.9	-.0069
SDev	1.4	.0000	.0010	.0012	.0003	.3	.0007
%RSD	.3010	.5901	205.0	163.9	16.29	.1312	10.65
#1	462.3	.0025	-.0002	.0001	.0019	191.1	-.0074
#2	460.3	.0025	.0012	-.0016	.0015	190.7	-.0064
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.0					200.0	
Range	20.00					20.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0036	.0007	536.0	.0066	-.0020	.5766	.0014
SDev	.0002	.0000	.7	.0000	.0007	.0632	.0028
%RSD	4.553	.0012	.1288	.1974	36.30	10.96	209.4
#1	.0035	.0007	535.5	.0067	-.0015	.5319	-.0007
#2	.0037	.0007	536.5	.0066	-.0026	.6212	.0034
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value			500.0				
Range			20.00				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0164	.0214	-.0094	-.0025	.0202	.0082
SDev	.0016	.0057	.0023	.0025	.0007	.0038	.0008
%RSD	1701.	35.05	10.79	27.00	28.33	18.65	9.421
#1	.0012	-.0123	.0198	-.0076	-.0030	.0228	.0087
#2	-.0010	-.0204	.0230	-.0112	-.0020	.0175	.0076
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010234

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.67	-.0032	-.0051	.0262	.0009	-.0044	-.0029
SDev	.46	.0030	.0057	.0020	.0009	.0048	.0007
%RSD	.5114	93.59	112.1	7.642	106.2	107.9	23.57
#1	89.35	-.0053	-.0091	.0247	.0015	-.0078	-.0034
#2	90.00	-.0011	-.0011	.0276	.0002	-.0010	-.0025
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0168	-.0229	-.0006	-.0003	-.0607	-.0002	-.0038
SDev	.0000	.0009	.0001	.0057	.0270	.0004	.0022
%RSD	.2279	3.871	23.78	2204.	44.51	183.7	57.81
#1	.0168	-.0222	-.0005	.0038	-.0798	.0001	-.0054
#2	.0168	-.0235	-.0007	-.0043	-.0416	-.0005	-.0022
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0072	-.0007
SDev	.0001	.0003	.0001
%RSD	18.30	4.412	8.598
#1	-.0002	.0074	-.0006
#2	-.0003	.0070	-.0007
Errors	NOCHECK	NOCHECK	NOCHECK
Value			
Range			

010235

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	926073	10000	--	--	--	--	--
SDev	4719.230	.0000000	--	--	--	--	--
%RSD	.5095960	.0000000	--	--	--	--	--
#1	922736	10000	--	--	--	--	--
#2	929410	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsab Operator: 010236
Run Time: 07/07/06 18:21:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.106	502.4	1.053	1.022	.5503	.4988	.0039
SDev	.000	.0	.005	.001	.0006	.0001	.0033
%RSD	.0019	.0089	.4802	.0773	.1066	.0104	84.31
#1	1.106	502.4	1.057	1.022	.5499	.4987	.0062
#2	1.106	502.4	1.049	1.021	.5507	.4988	.0016
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.000	500.0	1.000	1.000	.5000	.5000	
Range	20.00	20.00	20.00	20.00	20.00	20.00	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	458.8	.9723	.4921	.4977	.5635	189.3	.0057
SDev	.6	.0003	.0002	.0012	.0001	.1	.0247
%RSD	.1212	.0315	.0350	.2431	.0258	.0316	436.7
#1	459.2	.9725	.4920	.4969	.5636	189.3	.0231
#2	458.4	.9720	.4922	.4986	.5634	189.2	-.0118
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	500.0	1.000	.5000	.5000	.5000	200.0	
Range	20.00	20.00	20.00	20.00	20.00	20.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0040	1.250	532.2	.5070	1.022	.7853	-.0036
SDev	.0014	.000	.3	.0001	.002	.2629	.0064
%RSD	34.25	.0122	.0561	.0219	.1712	33.47	175.5
#1	.0050	1.250	532.4	.5071	1.023	.9712	.0009
#2	.0031	1.250	532.0	.5069	1.021	.5994	-.0081
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			500.0	.5000	1.000		
Range			20.00	20.00	20.00		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9560	1.022	1.024	.9969	.0014	.0146	1.034
SDev	.0002	.007	.005	.0040	.0063	.0008	.007
%RSD	.0228	.6662	.5311	.4018	440.3	5.110	.6938
#1	.9559	1.017	1.028	.9941	.0058	.0141	1.029
#2	.9562	1.027	1.020	.9997	-.0030	.0151	1.039
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	1.000						1.000
Range	20.00						20.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010237

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.28	1.013	1.028	1.062	1.006	1.023	1.046
SDev	.12	.013	.010	.001	.001	.003	.000
%RSD	.1343	1.280	1.021	.1110	.0853	.2614	.0283
#1	89.20	1.022	1.020	1.063	1.005	1.021	1.046
#2	89.37	1.004	1.035	1.061	1.006	1.025	1.046
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				1.000	1.000	1.000	1.000
Range				20.00	20.00	20.00	20.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.075	-.0164	.9660	1.009	.9465	.5018	.0023
SDev	.000	.0011	.0001	.002	.0389	.0002	.0009
%RSD	.0359	6.897	.0059	.2340	4.115	.0411	40.64
#1	1.076	-.0156	.9660	1.011	.9741	.5019	.0016
#2	1.075	-.0172	.9659	1.008	.9190	.5016	.0029
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.000			1.000	1.000	.5000	
Range	20.00			20.00	20.00	20.00	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	.9573	.9059
SDev	.0000	.0007	.0029
%RSD	1.789	.0726	.3153
#1	-.0005	.9568	.9079
#2	-.0006	.9578	.9039
Errors	NOCHECK	QC Pass	QC Pass
Value		1.000	1.000
Range		20.00	20.00

010238

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	922045	10000	--	--	--	--	--
SDev	1168.140	.0000000	--	--	--	--	--
%RSD	.1266902	.0000000	--	--	--	--	--
#1	921219	10000	--	--	--	--	--
#2	922871	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icv/ccv Operator:
Run Time: 07/07/06 18:26:38
Comment:
Mode: CONC Corr. Factor: 1

010239

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9834	9.915	5.110	4.921	10.18	.9889	5.016
SDev	.0003	.021	.012	.008	.02	.0003	.010
%RSD	.0341	.2075	.2418	.1581	.1697	.0271	.2068
#1	.9836	9.930	5.118	4.916	10.19	.9887	5.009
#2	.9831	9.901	5.101	4.927	10.16	.9891	5.024
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.13	1.005	5.075	1.991	2.033	10.46	18.71
SDev	.02	.001	.003	.001	.003	.01	.03
%RSD	.1094	.0983	.0496	.0623	.1461	.1398	.1794
#1	20.14	1.005	5.074	1.990	2.035	10.45	18.73
#2	20.11	1.004	5.077	1.992	2.031	10.47	18.69
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.967	4.855	20.01	1.013	5.058	27.91	Q40.85
SDev	.000	.008	.00	.001	.010	.22	.11
%RSD	.0063	.1703	.0151	.0954	.1966	.7804	.2576
#1	4.968	4.860	20.01	1.012	5.051	28.07	Q40.93
#2	4.967	4.849	20.01	1.013	5.066	27.76	Q40.78
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.984	5.057	5.013	5.027	1.012	1.007	.9850
SDev	.012	.007	.004	.004	.003	.010	.0011
%RSD	.2487	.1332	.0752	.0799	.2815	1.031	.1086
#1	4.993	5.062	5.010	5.024	1.014	.9993	.9857
#2	4.976	5.052	5.016	5.030	1.010	1.014	.9842
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010240

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.84	5.206	5.199	5.033	5.022	5.202	5.120
SDev	.38	.009	.002	.009	.004	.001	.010
%RSD	.3897	.1712	.0455	.1730	.0784	.0268	.2046
#1	98.11	5.200	5.201	5.039	5.020	5.201	5.113
#2	97.57	5.213	5.198	5.027	5.025	5.203	5.128
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				5.000	5.000	5.000	5.000
Range				10.00	10.00	10.00	10.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.100	.9888	4.802	5.258	.9876	4.981	Q1.205
SDev	.001	.0035	.006	.011	.0225	.004	.001
%RSD	.0098	.3513	.1226	.2127	2.281	.0816	.0649
#1	5.100	.9912	4.806	5.250	1.004	4.984	Q1.204
#2	5.101	.9863	4.798	5.266	.9717	4.978	Q1.205
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	1.000	5.000	5.000	1.000	5.000	1.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.043	1.022	4.760
SDev	.002	.002	.004
%RSD	.0310	.2320	.0825
#1	5.044	1.021	4.757
#2	5.042	1.024	4.763
Errors	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000
Range	10.00	10.00	10.00

010241

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1010344	10000	--	--	--	--	--
SDev	3944.242	.0000000	--	--	--	--	--
%RSD	.3903860	.0000000	--	--	--	--	--
#1	1013133	10000	--	--	--	--	--
#2	1007555	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb Operator:
Run Time: 07/07/06 18:31:24
Comment:
Mode: CONC Corr. Factor: 1

010242

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	-.0112	-.0009	.0079	-.0000	-.0000	-.0067
SDev	.0011	.0047	.0009	.0008	.0001	.0000	.0052
%RSD	87.22	41.84	106.1	10.70	1818.	103.8	77.88
#1	-.0020	-.0146	-.0015	.0085	-.0001	-.0001	L-.0104
#2	-.0005	-.0079	-.0002	.0073	.0001	-.0000	-.0030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0021	-.0004	-.0005	-.0004	-.0003	.0013	-.0285
SDev	.0027	.0003	.0012	.0005	.0004	.0380	.0427
%RSD	126.7	62.91	218.4	129.1	117.1	2914.	149.7
#1	-.0040	-.0006	-.0014	-.0008	-.0006	-.0256	-.0587
#2	-.0002	-.0002	.0003	-.0000	-.0001	.0282	.0017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0023	.0001	-.0091	.0000	.0008	L-.0729	-.0068
SDev	.0018	.0001	.0114	.0001	.0005	.3798	.0047
%RSD	78.61	193.7	125.4	353.2	57.04	520.7	69.23
#1	-.0036	-.0000	-.0172	-.0000	.0005	L-.3415	-.0101
#2	-.0010	.0002	-.0010	.0001	.0012	H.1956	-.0035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	-.0043	.0000	.0022	L-.0053	.0008	.0018
SDev	.0002	.0006	.0026	.0006	.0071	.0032	.0007
%RSD	29.15	14.69	14430.	25.73	133.6	378.4	42.45
#1	-.0007	-.0038	.0019	.0018	L-.0103	.0031	.0023
#2	-.0005	-.0047	-.0018	.0026	-.0003	-.0014	.0012
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Low	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010243

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.93	-.0027	.0003	-.0056	.0015	-.0007	-.0011
SDev	1.07	.0088	.0012	.0039	.0005	.0021	.0003
%RSD	1.068	322.9	358.1	69.63	33.83	315.2	23.57
#1	100.7	.0035	-.0005	-.0084	.0018	.0008	-.0009
#2	99.17	-.0089	.0012	-.0029	.0011	-.0022	-.0013
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0018	-.0000	-.0005	-.0680	.0001	-.0044
SDev	.0001	.0006	.0002	.0014	.0583	.0014	.0024
%RSD	108.3	36.03	507.4	255.9	85.75	976.2	53.23
#1	-.0001	.0023	-.0002	.0004	L-.1093	-.0009	-.0028
#2	-.0000	.0013	.0001	-.0015	-.0268	.0012	-.0061
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	-.0005	-.0006
SDev	.0001	.0002	.0011
%RSD	55.40	52.85	187.9
#1	-.0002	-.0006	-.0013
#2	-.0001	-.0003	.0002
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010244

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1031929	10000	--	--	--	--	--
SDev	11036.52	.0000000	--	--	--	--	--
%RSD	1.069504	.0000000	--	--	--	--	--
#1	1039733	10000	--	--	--	--	--
#2	1024125	10000	--	--	--	--	--

Method: DAILY2 Sample Name: pbw-G07H1 Operator:
Run Time: 07/07/06 18:36:10
Comment:
Mode: CONC Corr. Factor: 1

010245

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0073	-.0009	.0064	.0001	-.0000	-.0023
SDev	.0006	.0015	.0027	.0009	.0001	.0000	.0031
%RSD	69.20	20.91	290.4	14.85	188.8	77.92	132.7
#1	-.0004	.0083	-.0029	.0057	-.0000	-.0000	-.0001
#2	-.0012	.0062	.0010	.0071	.0002	-.0000	-.0046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0312	-.0002	-.0007	.0013	.0003	.0148	-.0024
SDev	.0008	.0001	.0004	.0016	.0004	.0067	.0053
%RSD	2.731	43.52	58.54	124.1	147.9	45.14	219.2
#1	.0306	-.0003	-.0004	.0002	-.0000	.0101	-.0061
#2	.0318	-.0001	-.0009	.0025	.0006	.0196	.0013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0015	.0001	-.0065	.0002	.0003	H.1606	-.0048
SDev	.0002	.0000	.0008	.0001	.0001	.0043	.0025
%RSD	13.63	2.110	12.42	84.94	14.30	2.668	52.03
#1	-.0013	.0001	-.0059	.0001	.0004	H.1576	-.0030
#2	-.0016	.0001	-.0070	.0002	.0003	H.1636	-.0065
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	-.0047	-.0016	.0016	-.0016	-.0079	.0066
SDev	.0003	.0048	.0000	.0003	.0006	.0116	.0040
%RSD	124.7	101.5	.8820	20.30	38.60	146.9	59.70
#1	-.0005	-.0081	-.0016	.0014	-.0011	.0003	.0038
#2	-.0000	-.0013	-.0016	.0018	-.0020	L-.0160	.0094
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010246

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.11	-.0022	.0007	-.0055	.0005	-.0002	.0005
SDev	.57	.0016	.0003	.0013	.0002	.0003	.0005
%RSD	.5772	71.98	37.97	22.99	39.91	143.6	106.6
#1	98.51	-.0033	.0009	-.0046	.0004	-.0005	.0001
#2	97.71	-.0011	.0005	-.0064	.0007	.0000	.0009
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0060	.0001	.0012	-.0514	.0009	-.0048
SDev	.0000	.0052	.0004	.0022	.0054	.0014	.0015
%RSD	18.13	86.05	410.8	177.2	10.55	158.2	30.74
#1	.0002	.0023	-.0002	.0028	-.0475	-.0001	-.0058
#2	.0002	.0096	.0003	-.0003	-.0552	.0019	-.0037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	-.0003	.0001
SDev	.0002	.0001	.0009
%RSD	208.3	19.18	1377.
#1	-.0001	-.0003	-.0006
#2	.0003	-.0003	.0007
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010247

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1013216	10000	--	--	--	--	--
SDev	5898.685	.0000000	--	--	--	--	--
%RSD	.5821745	.0000000	--	--	--	--	--
#1	1017387	10000	--	--	--	--	--
#2	1009045	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: lcsw-G07H1 Operator: **010248**
Run Time: 07/07/06 18:40:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0485	1.915	1.966	.0055	1.987	.0489	.0021
SDev	.0007	.001	.000	.0001	.002	.0000	.0015
%RSD	1.437	.0677	.0216	1.034	.0861	.0408	73.68
#1	.0480	1.914	1.966	.0055	1.985	.0489	.0010
#2	.0490	1.916	1.966	.0056	1.988	.0488	.0031

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.50	.0481	.4876	.1901	.2416	1.145	17.00
SDev	.01	.0000	.0013	.0002	.0002	.012	.01
%RSD	.0352	.0670	.2632	.1252	.0867	1.047	.0315
#1	20.50	.0482	.4867	.1899	.2415	1.154	17.00
#2	20.49	.0481	.4885	.1903	.2418	1.137	17.01

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0003	20.31	.4890	-.0007	18.12	25.85
SDev	.0006	.0000	.02	.0001	.0002	.14	.03
%RSD	152.4	6.958	.1004	.0174	24.35	.7849	.1181
#1	-.0008	.0003	20.30	.4889	-.0006	18.02	25.83
#2	.0000	.0003	20.33	.4890	-.0008	18.22	25.87

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4780	4.021	.4738	.4777	.0022	-.0061	.4895
SDev	.0027	.026	.0013	.0000	.0002	.0026	.0010
%RSD	.5627	.6507	.2715	.0003	10.42	42.24	.2021
#1	.4799	4.040	.4729	.4777	.0023	-.0080	.4902
#2	.4761	4.003	.4747	.4777	.0020	-.0043	.4888

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.87	2.013	1.996	3.987	.4764	2.001	.0002
SDev	.21	.010	.004	.006	.0004	.000	.0011
%RSD	.2134	.4764	.2089	.1442	.0898	.0223	628.2
#1	99.02	2.006	1.999	3.983	.4761	2.001	-.0006
#2	98.72	2.019	1.993	3.991	.4767	2.002	.0009

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	-.0180	.0002	2.010	-.0178	.4805	-.0022
SDev	.0000	.0015	.0000	.004	.0077	.0005	.0012
%RSD	2.681	8.198	16.24	.2040	43.16	.0963	54.09
#1	.0009	-.0169	.0002	2.013	-.0232	.4802	-.0031
#2	.0009	-.0190	.0002	2.007	-.0124	.4808	-.0014

010249

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.4865	.0006
SDev	.0000	.0010	.0002
%RSD	32.63	.2065	26.52
#1	-.0002	.4872	.0008
#2	-.0001	.4858	.0005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1021009	10000	--	--	--	--	--
SDev	2209.001	.0000000	--	--	--	--	--
%RSD	.2163548	.0000000	--	--	--	--	--
#1	1022571	10000	--	--	--	--	--
#2	1019447	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282118 Operator:
Run Time: 07/07/06 18:45:41
Comment:
Mode: CONC Corr. Factor: 1

010250

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0091	-.0011	.0071	.0001	-.0000	-.0040
SDev	.0003	.0033	.0016	.0012	.0001	.0000	.0018
%RSD	65.99	36.29	146.7	17.14	141.9	84.04	44.57
#1	-.0006	.0067	.0000	.0080	.0002	-.0000	-.0028
#2	-.0002	.0114	-.0022	.0062	-.0000	-.0000	-.0053

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4536	.0000	.0002	.0007	-.0002	.0041	.1712
SDev	.0003	.0001	.0004	.0019	.0005	.0040	.0042
%RSD	.0606	416.7	179.9	269.4	342.1	97.98	2.466
#1	.4534	-.0001	-.0001	.0020	.0002	.0012	.1683
#2	.4538	.0001	.0005	-.0006	-.0005	.0069	.1742

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0013	.0000	.1065	.0001	-.0001	4.003	5.187
SDev	.0001	.0000	.0014	.0001	.0001	.077	.011
%RSD	4.679	28.94	1.361	167.2	243.4	1.931	.2205
#1	-.0013	.0000	.1055	.0001	.0000	3.948	5.179
#2	-.0012	.0001	.1075	-.0000	-.0001	4.057	5.195

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	-.0091	-.0017	.0018	-.0026	.9098	.0015
SDev	.0004	.0026	.0073	.0079	.0006	.0037	.0057
%RSD	34.31	28.97	437.2	428.2	22.84	.4045	368.0
#1	.0008	-.0110	-.0068	.0074	-.0030	.9072	.0056
#2	.0013	-.0072	.0035	-.0037	-.0022	.9124	-.0025

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.0	-.0011	-.0001	1.196	.0007	-.0004	-.0000
SDev	.3	.0043	.0053	.002	.0028	.0021	.0002
%RSD	.3146	375.3	5167.	.1635	411.2	484.6	903.0
#1	99.80	-.0042	.0037	1.197	.0027	.0011	-.0002
#2	100.2	.0019	-.0039	1.194	-.0013	-.0020	.0001

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0031	.0001	-.0014	-.0349	.0007	-.0016
SDev	.0000	.0054	.0002	.0029	.0203	.0003	.0009
%RSD	3.142	172.8	237.2	203.2	58.27	39.19	54.71
#1	.0009	.0069	.0003	.0006	-.0492	.0009	-.0023
#2	.0009	-.0007	-.0001	-.0035	-.0205	.0005	-.0010

010251

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	-.0002	.0002
SDev	.0003	.0001	.0006
%RSD	817.3	66.44	301.0
#1	.0002	-.0001	.0006
#2	-.0002	-.0002	-.0002

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1032938	10000	--	--	--	--	--
SDev	3342.494	.0000000	--	--	--	--	--
%RSD	.3235908	.0000000	--	--	--	--	--
#1	1030575	10000	--	--	--	--	--
#2	1035302	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282118d Operator:
Run Time: 07/07/06 18:50:26
Comment:
Mode: CONC Corr. Factor: 1

010252

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0088	-.0032	.0065	.0001	-.0000	-.0022
SDev	.0003	.0054	.0006	.0002	.0001	.0000	.0034
%RSD	79.79	61.57	17.40	3.221	139.1	158.7	154.6
#1	-.0006	.0050	-.0036	.0066	.0000	-.0000	-.0046
#2	-.0002	.0127	-.0028	.0063	.0002	.0000	.0002

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4533	-.0002	.0002	.0006	.0006	.0153	.1797
SDev	.0044	.0002	.0004	.0014	.0006	.0133	.0292
%RSD	.9683	78.33	224.1	245.2	113.3	86.76	16.27
#1	.4502	-.0001	.0005	-.0004	.0001	.0059	.1590
#2	.4564	-.0003	-.0001	.0015	.0010	.0247	.2004

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0013	.0001	.1064	.0001	-.0003	4.126	5.152
SDev	.0009	.0001	.0026	.0001	.0005	.336	.010
%RSD	67.99	93.66	2.463	125.6	182.6	8.132	.2020
#1	-.0019	.0000	.1046	.0000	.0001	3.889	5.160
#2	-.0007	.0001	.1083	.0002	-.0006	4.364	5.145

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0032	-.0036	.0039	-.0001	.8949	.0050
SDev	.0014	.0049	.0039	.0000	.0055	.0157	.0014
%RSD	640.3	151.7	110.1	1.116	6964.	1.750	27.44
#1	-.0008	-.0002	-.0008	.0040	-.0039	.8838	.0040
#2	.0012	.0066	-.0064	.0039	.0038	.9060	.0059

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.80	-.0031	.0007	1.193	.0014	-.0005	-.0001
SDev	2.34	.0020	.0015	.001	.0013	.0003	.0003
%RSD	2.345	64.29	212.3	.0554	93.24	64.82	268.8
#1	101.5	-.0017	-.0004	1.193	.0024	-.0008	.0001
#2	98.15	-.0045	.0018	1.194	.0005	-.0003	-.0004

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0049	.0001	-.0000	-.0337	.0006	.0006
SDev	.0000	.0054	.0004	.0051	.0237	.0011	.0038
%RSD	4.220	110.7	394.3	13720.	70.26	198.3	671.3
#1	.0009	.0011	-.0002	-.0037	-.0505	-.0002	-.0021
#2	.0009	.0087	.0004	.0036	-.0170	.0013	.0032

010253

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0007	.0004
SDev	.0003	.0003	.0010
%RSD	219.2	45.56	261.5
#1	-.0001	.0004	-.0003
#2	.0004	.0009	.0011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1030706	10000	--	--	--	--	--
SDev	24174.57	.0000000	--	--	--	--	--
%RSD	2.345438	.0000000	--	--	--	--	--
#1	1047800	10000	--	--	--	--	--
#2	1013612	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282119 Operator:
Run Time: 07/07/06 18:55:16
Comment:
Mode: CONC Corr. Factor: 1

010254

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	.0170	-.0014	.0020	-.0000	-.0000	-.0064
SDev	.0002	.0001	.0016	.0005	.0002	.0000	.0025
%RSD	15.29	.5688	114.1	26.06	432.5	10.63	38.27
#1	-.0009	.0170	-.0025	.0016	-.0001	-.0000	-.0081
#2	-.0011	.0169	-.0003	.0024	.0001	-.0000	-.0047

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.025	-.0002	-.0006	-.0002	.0000	1.986	1.194
SDev	.004	.0001	.0001	.0012	.0005	.019	.007
%RSD	.1997	41.38	12.62	609.0	127000.	.9477	.5610
#1	2.028	-.0002	-.0006	-.0011	-.0003	2.000	1.199
#2	2.023	-.0003	-.0005	.0007	.0003	1.973	1.190

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0022	-.0000	1.930	-.0000	.0006	1.351	2.028
SDev	.0003	.0000	.004	.0001	.0003	.064	.009
%RSD	15.27	91.12	.2108	313.4	53.07	4.736	.4338
#1	-.0020	-.0000	1.933	-.0001	.0008	1.396	2.022
#2	-.0024	-.0001	1.927	.0000	.0004	1.306	2.034

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0013	-.0009	.0026	-.0054	-.0081	.0010
SDev	.0012	.0015	.0025	.0023	.0021	.0024	.0015
%RSD	165.0	116.5	272.4	88.13	38.18	29.18	158.7
#1	-.0016	.0024	-.0027	.0042	-.0040	-.0097	-.0001
#2	.0001	.0002	.0008	.0010	-.0069	-.0064	.0020

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.6	-.0027	.0006	-.0077	.0014	-.0005	-.0004
SDev	.3	.0029	.0020	.0024	.0007	.0003	.0000
%RSD	.2882	107.0	324.2	30.81	48.24	71.39	.0991
#1	100.4	-.0047	.0020	-.0094	.0019	-.0002	-.0004
#2	100.8	-.0007	-.0008	-.0060	.0009	-.0007	-.0004

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0010	-.0001	.0018	-.0651	.0002	-.0025
SDev	.0000	.0066	.0002	.0030	.0066	.0005	.0018
%RSD	1.054	665.6	169.6	169.1	10.20	281.2	72.61
#1	.0002	-.0056	-.0003	-.0003	-.0604	-.0002	-.0012
#2	.0002	.0037	.0000	.0039	-.0698	.0005	-.0038

010255

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0003	-.0007
SDev	.0002	.0001	.0007
%RSD	210.9	38.84	99.92
#1	-.0002	.0002	-.0012
#2	.0000	.0004	-.0002

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1039245	10000	--	--	--	--	--
SDev	2955.706	.0000000	--	--	--	--	--
%RSD	.2844090	.0000000	--	--	--	--	--
#1	1037155	10000	--	--	--	--	--
#2	1041335	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282119s Operator:
Run Time: 07/07/06 19:00:02
Comment:
Mode: CONC Corr. Factor: 1

010256

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0487	1.936	1.980	.0026	1.997	.0492	.0017
SDev	.0001	.012	.003	.0006	.001	.0001	.0022
%RSD	.1418	.6022	.1482	23.75	.0401	.1003	130.2
#1	.0487	1.945	1.982	.0021	1.997	.0492	.0001
#2	.0486	1.928	1.978	.0030	1.998	.0492	.0033

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.42	.0485	.4927	.1932	.2432	3.128	18.84
SDev	.01	.0001	.0004	.0001	.0003	.005	.05
%RSD	.0659	.1174	.0721	.0260	.1448	.1450	.2547
#1	22.43	.0486	.4925	.1931	.2435	3.131	18.88
#2	22.41	.0485	.4930	.1932	.2430	3.125	18.81

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0002	22.22	.4928	-.0004	19.63	28.40
SDev	.0002	.0000	.02	.0003	.0002	.24	.11
%RSD	58.29	12.55	.0836	.0551	44.08	1.230	.3708
#1	-.0004	.0001	22.23	.4926	-.0002	19.80	28.47
#2	-.0002	.0002	22.21	.4930	-.0005	19.46	28.33

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4843	4.083	.4790	.4860	.0013	-.0038	.4892
SDev	.0001	.005	.0007	.0036	.0001	.0005	.0017
%RSD	.0179	.1279	.1476	.7432	11.60	12.75	.3534
#1	.4844	4.079	.4795	.4885	.0014	-.0035	.4880
#2	.4842	4.087	.4785	.4834	.0012	-.0042	.4905

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.42	2.041	2.030	4.092	.4836	2.033	-.0001
SDev	.21	.002	.002	.013	.0026	.001	.0022
%RSD	.2181	.0793	.0937	.3269	.5466	.0360	3988.
#1	98.26	2.040	2.031	4.102	.4855	2.034	.0015
#2	98.57	2.042	2.028	4.083	.4818	2.033	-.0016

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	-.0184	.0002	2.024	-.0110	.4841	-.0038
SDev	.0000	.0019	.0001	.002	.0149	.0005	.0002
%RSD	1.072	10.53	56.89	.1147	134.8	.1009	5.415
#1	.0010	-.0197	.0001	2.023	-.0005	.4837	-.0037
#2	.0009	-.0170	.0003	2.026	-.0216	.4844	-.0039

010257

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.4924	.0007
SDev	.0002	.0009	.0001
%RSD	94.67	.1807	19.33
#1	-.0003	.4917	.0006
#2	-.0001	.4930	.0008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1016320	10000	--	--	--	--	--
SDev	2257.085	.0000000	--	--	--	--	--
%RSD	.2220841	.0000000	--	--	--	--	--
#1	1014724	10000	--	--	--	--	--
#2	1017916	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282120 Operator:
Run Time: 07/07/06 19:04:47
Comment:
Mode: CONC Corr. Factor: 1

010258

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0051	-.0016	.0026	.0001	-.0000	-.0023
SDev	.0002	.0018	.0010	.0004	.0000	.0000	.0033
%RSD	38.20	35.82	60.58	15.36	29.60	2.808	143.0
#1	-.0006	.0038	-.0009	.0029	.0001	-.0000	-.0047
#2	-.0004	.0063	-.0023	.0023	.0002	-.0000	.0000

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.038	-.0004	.0003	.0004	.0004	2.024	1.214
SDev	.011	.0000	.0006	.0004	.0002	.012	.011
%RSD	.5497	5.200	239.9	96.23	38.96	.6078	.8869
#1	2.030	-.0004	-.0002	.0001	.0003	2.016	1.206
#2	2.046	-.0005	.0007	.0007	.0006	2.033	1.222

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	.0001	1.936	.0001	.0003	1.568	2.029
SDev	.0003	.0002	.005	.0000	.0004	.046	.006
%RSD	19.64	124.9	.2479	30.19	134.5	2.946	.3142
#1	-.0015	.0000	1.933	.0001	.0000	1.536	2.034
#2	-.0012	.0002	1.940	.0001	.0006	1.601	2.025

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	-.0039	-.0027	.0030	-.0004	-.0053	.0045
SDev	.0010	.0055	.0010	.0028	.0026	.0071	.0006
%RSD	234.9	142.5	35.83	93.64	660.8	134.0	13.39
#1	-.0003	.0000	-.0034	.0010	-.0022	-.0103	.0040
#2	.0011	-.0078	-.0021	.0050	.0014	-.0003	.0049

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.54	-.0008	.0005	-.0071	.0011	.0001	-.0006
SDev	.48	.0026	.0004	.0002	.0022	.0006	.0012
%RSD	.4869	326.4	77.86	3.068	199.9	584.8	194.8
#1	99.89	-.0026	.0008	-.0069	-.0005	-.0003	-.0015
#2	99.20	.0010	.0002	-.0072	.0027	.0005	.0002

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0035	.0001	.0007	-.0374	.0012	-.0050
SDev	.0000	.0026	.0001	.0058	.0083	.0003	.0009
%RSD	3.972	74.31	80.99	833.4	22.19	24.28	18.84
#1	.0002	.0016	.0001	.0048	-.0316	.0010	-.0043
#2	.0003	.0053	.0002	-.0034	-.0433	.0014	-.0057

010259

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0001	.0003
SDev	.0000	.0001	.0003
%RSD	41.27	62.21	104.3
#1	.0001	.0001	.0001
#2	.0001	.0001	.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1028002	10000	--	--	--	--	--
SDev	4927.120	.0000000	--	--	--	--	--
%RSD	.4792909	.0000000	--	--	--	--	--
#1	1031486	10000	--	--	--	--	--
#2	1024518	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282121 Operator: 010260
Run Time: 07/07/06 19:09:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	.0248	-.0021	.0110	.0572	-.0001	-.0064
SDev	.0002	.0010	.0020	.0017	.0001	.0000	.0053
%RSD	20.27	4.206	94.15	15.44	.2633	6.673	82.59
#1	-.0008	.0255	-.0007	.0098	.0571	-.0000	-.0027
#2	-.0011	.0240	-.0035	.0122	.0573	-.0001	-.0101

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6348	-.0004	-.0002	.0010	.0005	-.0029	.1884
SDev	.0018	.0001	.0004	.0013	.0014	.0110	.0118
%RSD	.2762	25.35	156.8	119.2	288.4	375.5	6.261
#1	.6361	-.0005	.0000	.0002	-.0005	.0049	.1968
#2	.6336	-.0003	-.0005	.0019	.0015	-.0107	.1801

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0024	.0001	.0571	.0006	-.0001	5.953	7.976
SDev	.0001	.0000	.0046	.0001	.0006	.273	.012
%RSD	2.821	5.500	7.982	20.36	379.6	4.583	.1565
#1	-.0025	.0001	.0603	.0005	-.0006	6.146	7.985
#2	-.0024	.0001	.0539	.0007	.0003	5.761	7.967

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	-.0091	-.0061	.0036	-.0033	.9542	.0072
SDev	.0010	.0022	.0027	.0023	.0013	.0090	.0022
%RSD	70.32	24.39	43.34	63.44	40.59	.9470	29.86
#1	.0007	-.0075	-.0043	.0020	-.0023	.9605	.0057
#2	.0022	-.0106	-.0080	.0052	-.0042	.9478	.0088

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.84	-.0013	.0024	1.312	.0004	.0012	-.0008
SDev	.20	.0031	.0016	.004	.0006	.0021	.0007
%RSD	.2037	244.6	66.67	.2724	175.2	177.8	90.91
#1	99.69	-.0035	.0013	1.315	-.0001	-.0003	-.0003
#2	99.98	.0009	.0035	1.310	.0008	.0027	-.0013

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	.0078	.0008	-.0026	-.0667	.0014	-.0040
SDev	.0000	.0045	.0004	.0007	.0012	.0013	.0022
%RSD	.1791	58.37	47.22	25.60	1.811	96.95	54.19
#1	.0014	.0046	.0005	-.0031	-.0676	.0004	-.0055
#2	.0014	.0110	.0011	-.0021	-.0658	.0023	-.0024

010261

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0003	.0026	.0009
SDev	.0002	.0001	.0016
%RSD	90.68	5.108	178.8
#1	.0001	.0025	-.0002
#2	.0004	.0027	.0020

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1031078	10000	--	--	--	--	--
SDev	2090.915	.0000000	--	--	--	--	--
%RSD	.2027893	.0000000	--	--	--	--	--
#1	1029599	10000	--	--	--	--	--
#2	1032556	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282122 Operator:
Run Time: 07/07/06 19:14:22
Comment:
Mode: CONC Corr. Factor: 1

010262

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0525	-.0007	.0096	.0544	-.0000	-.0011
SDev	.0013	.0024	.0013	.0005	.0001	.0000	.0011
%RSD	863.0	4.485	202.1	5.311	.0950	12.99	105.5
#1	.0007	.0542	-.0016	.0099	.0544	-.0000	-.0003
#2	-.0010	.0509	.0003	.0092	.0545	-.0000	-.0019

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5719	-.0000	.0013	.0016	.0007	.0311	.2203
SDev	.0040	.0002	.0006	.0003	.0002	.0175	.0210
%RSD	.6928	1705.	44.88	22.20	26.64	56.27	9.544
#1	.5747	.0001	.0018	.0018	.0009	.0434	.2351
#2	.5691	-.0002	.0009	.0013	.0006	.0187	.2054

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0002	.0666	.0006	-.0005	6.153	7.851
SDev	.0013	.0001	.0092	.0000	.0005	.157	.044
%RSD	306.3	27.42	13.77	2.955	99.10	2.549	.5636
#1	.0005	.0003	.0731	.0006	-.0001	6.264	7.820
#2	-.0014	.0002	.0601	.0006	-.0008	6.042	7.883

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	-.0045	-.0008	.0018	.0021	.9462	.0070
SDev	.0005	.0054	.0011	.0008	.0046	.0106	.0025
%RSD	38.18	120.9	137.8	41.76	221.3	1.117	36.37
#1	.0018	-.0006	-.0015	.0024	.0054	.9536	.0052
#2	.0010	-.0083	-.0000	.0013	-.0012	.9387	.0088

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.0	-.0012	-.0004	1.357	.0010	-.0007	.0003
SDev	.6	.0022	.0012	.004	.0001	.0000	.0012
%RSD	.6383	180.6	297.2	.2637	15.79	6.042	423.9
#1	99.58	.0003	-.0012	1.360	.0011	-.0007	.0011
#2	100.5	-.0028	.0004	1.355	.0009	-.0006	-.0006

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0013	.0054	.0010	.0002	-.0144	.0014	-.0015
SDev	.0001	.0019	.0001	.0036	.0512	.0003	.0021
%RSD	4.231	35.43	4.720	1746.	356.0	22.76	136.3
#1	.0014	.0040	.0011	.0027	.0218	.0017	-.0001
#2	.0013	.0067	.0010	-.0023	-.0506	.0012	-.0030

010263

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0203	.0008
SDev	.0000	.0005	.0003
%RSD	8.901	2.542	35.28
#1	.0002	.0206	.0010
#2	.0002	.0199	.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1032969	10000	--	--	--	--	--
SDev	6595.892	.0000000	--	--	--	--	--
%RSD	.6385373	.0000000	--	--	--	--	--
#1	1028305	10000	--	--	--	--	--
#2	1037633	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282123 Operator:
Run Time: 07/07/06 19:19:07
Comment:
Mode: CONC Corr. Factor: 1

010264

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0651	-.0022	.0266	.0560	-.0000	-.0044
SDev	.0004	.0004	.0020	.0011	.0000	.0000	.0042
%RSD	46.75	.5854	93.58	4.000	.0017	81.75	96.00
#1	-.0006	.0653	-.0007	.0273	.0560	-.0001	-.0074
#2	-.0013	.0648	-.0036	.0258	.0560	-.0000	-.0014

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4165	-.0004	.0003	.0017	.0012	.0245	.1758
SDev	.0006	.0001	.0002	.0015	.0006	.0124	.0139
%RSD	.1532	36.93	65.05	87.79	45.87	50.66	7.886
#1	.4160	-.0005	.0005	.0028	.0016	.0157	.1660
#2	.4169	-.0003	.0002	.0006	.0008	.0333	.1856

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0018	.0003	.0489	.0005	.0006	8.882	11.72
SDev	.0002	.0000	.0001	.0001	.0018	.046	.01
%RSD	13.87	12.25	.1822	21.08	325.8	.5176	.0976
#1	-.0019	.0003	.0488	.0006	.0019	8.849	11.72
#2	-.0016	.0004	.0489	.0005	-.0007	8.914	11.73

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	-.0035	-.0054	.0033	-.0011	.9360	.0068
SDev	.0009	.0037	.0022	.0003	.0029	.0143	.0033
%RSD	97.06	105.3	40.38	8.920	263.4	1.522	48.51
#1	.0016	-.0009	-.0069	.0031	-.0031	.9260	.0091
#2	.0003	-.0062	-.0038	.0036	.0009	.9461	.0045

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.63	-.0076	.0036	1.556	.0005	-.0001	.0010
SDev	.47	.0004	.0042	.002	.0009	.0027	.0008
%RSD	.4753	4.673	115.2	.1096	202.0	2232.	76.53
#1	99.29	-.0074	.0007	1.558	-.0002	-.0020	.0005
#2	99.96	-.0079	.0066	1.555	.0011	.0018	.0015

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0012	.0095	.0016	.0002	-.0520	.0019	-.0028
SDev	.0000	.0070	.0003	.0022	.0073	.0007	.0010
%RSD	.0456	73.97	21.08	1400.	14.07	36.72	36.53
#1	.0012	.0145	.0018	.0017	-.0572	.0024	-.0035
#2	.0012	.0045	.0014	-.0014	-.0468	.0014	-.0021

010265

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0010	.0009
SDev	.0002	.0001	.0009
%RSD	97.63	7.946	108.7
#1	.0004	.0009	.0015
#2	.0001	.0010	.0002

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1028914	10000	--	--	--	--	--
SDev	4936.312	.0000000	--	--	--	--	--
%RSD	.4797597	.0000000	--	--	--	--	--
#1	1025423	10000	--	--	--	--	--
#2	1032404	10000	--	--	--	--	--

Analysis Report 07/07/06 07:28:31 PM page 1

Method: DAILY2 Sample Name: ccv2 Operator:
Run Time: 07/07/06 19:23:52 010266
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9849	9.970	5.100	4.928	10.18	.9871	5.024
SDev	.0003	.003	.004	.007	.01	.0020	.008
%RSD	.0344	.0343	.0728	.1321	.1185	.2038	.1555
#1	.9852	9.972	5.103	4.923	10.19	.9857	5.030
#2	.9847	9.968	5.097	4.933	10.17	.9885	5.018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.04	.9980	5.063	1.986	2.045	10.42	18.79
SDev	.10	.0043	.009	.006	.006	.02	.05
%RSD	.4812	.4301	.1755	.3162	.3061	.2233	.2554
#1	19.97	.9950	5.056	1.981	2.050	10.40	18.82
#2	20.11	1.001	5.069	1.990	2.041	10.44	18.76
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.969	4.867	19.96	1.010	5.050	28.13	H41.08
SDev	.002	.011	.06	.002	.012	.26	.10
%RSD	.0412	.2328	.3141	.2167	.2302	.9380	.2541
#1	4.970	4.875	19.92	1.009	5.041	27.94	H41.15
#2	4.967	4.859	20.01	1.012	5.058	28.32	H41.00
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.981	5.097	5.004	4.994	1.011	1.021	.9865
SDev	.008	.017	.025	.045	.002	.003	.0024
%RSD	.1579	.3306	.4943	.9025	.1811	.2829	.2393
#1	4.987	5.109	4.986	4.962	1.010	1.019	.9848
#2	4.976	5.085	5.021	5.026	1.013	1.023	.9881
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010267

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.04	5.220	5.168	5.047	4.997	5.185	5.105
SDev	.63	.027	.060	.001	.038	.049	.008
%RSD	.6311	.5079	1.163	.0264	.7664	.9430	.1654
#1	99.48	5.201	5.125	5.046	4.970	5.150	5.099
#2	98.59	5.238	5.210	5.048	5.024	5.220	5.111
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.104	.9889	4.802	5.253	.9586	4.972	H1.200
SDev	.003	.0007	.005	.001	.0270	.007	.006
%RSD	.0569	.0715	.1044	.0274	2.815	.1330	.4784
#1	5.106	.9894	4.799	5.252	.9395	4.968	H1.196
#2	5.102	.9884	4.806	5.254	.9777	4.977	H1.204
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.041	1.013	4.772
SDev	.004	.008	.000
%RSD	.0704	.7622	.0035
#1	5.039	1.007	4.772
#2	5.044	1.018	4.772
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010268

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1022716	10000	--	--	--	--	--
SDev	6491.240	.0000000	--	--	--	--	--
%RSD	.6347060	.0000000	--	--	--	--	--
#1	1027306	10000	--	--	--	--	--
#2	1018126	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb2 Operator:
Run Time: 07/07/06 19:28:43
Comment:
Mode: CONC Corr. Factor: 1

010269

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	-.0097	-.0008	.0066	.0001	-.0000	-.0031
SDev	.0012	.0053	.0014	.0014	.0001	.0000	.0044
%RSD	113.6	54.21	167.8	21.26	104.0	31.07	142.7
#1	-.0002	-.0060	.0002	.0075	.0001	-.0000	.0000
#2	-.0019	-.0134	-.0018	.0056	.0000	-.0000	-.0062
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0020	-.0002	-.0001	.0006	.0002	-.0149	-.0226
SDev	.0022	.0000	.0008	.0001	.0003	.0169	.0151
%RSD	109.6	5.343	1307.	11.81	203.3	113.6	67.07
#1	.0004	-.0002	.0005	.0007	.0004	-.0029	-.0119
#2	.0035	-.0002	-.0006	.0006	-.0001	-.0268	-.0333
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0015	.0001	-.0094	.0000	.0012	L-.1467	-.0031
SDev	.0015	.0001	.0075	.0001	.0003	.1043	.0034
%RSD	99.25	111.0	79.27	125.8	19.76	71.12	110.4
#1	-.0005	.0002	-.0041	.0001	.0011	L-.0729	-.0007
#2	-.0026	.0000	-.0147	.0000	.0014	L-.2205	-.0055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0031	.0004	.0015	-.0041	-.0012	.0020
SDev	.0014	.0078	.0034	.0022	.0040	.0002	.0003
%RSD	551.6	252.9	880.0	140.3	97.46	14.47	13.15
#1	.0012	.0024	.0028	.0000	-.0013	-.0011	.0022
#2	-.0007	-.0086	-.0020	.0031	L-.0069	-.0014	.0018
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010270

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.2	-.0006	.0020	-.0028	.0012	.0011	-.0012
SDev	.5	.0066	.0007	.0017	.0003	.0017	.0039
%RSD	.4784	1030.	36.47	59.20	27.41	154.7	323.4
#1	99.85	.0040	.0015	-.0016	.0009	.0023	.0015
#2	100.5	-.0053	.0025	-.0040	.0014	-.0001	-.0039
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0029	.0000	.0013	-.0451	.0006	-.0021
SDev	.0001	.0020	.0001	.0038	.0474	.0009	.0006
%RSD	198.9	69.60	514.1	295.0	105.0	143.0	26.15
#1	.0000	.0043	.0001	.0040	-.0116	.0012	-.0017
#2	-.0001	.0015	-.0001	-.0014	-.0786	-.0000	-.0025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0004	.0001
SDev	.0001	.0007	.0008
%RSD	333.7	159.9	607.3
#1	.0001	-.0001	.0007
#2	-.0000	.0009	-.0004
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010271

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1034709	10000	--	--	--	--	--
SDev	5010.559	.0000000	--	--	--	--	--
%RSD	.4842481	.0000000	--	--	--	--	--
#1	1031166	10000	--	--	--	--	--
#2	1038252	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282124 Operator:
Run Time: 07/07/06 19:33:28 **010272**
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0156	-.0004	.0153	.0542	-.0000	-.0011
SDev	.0006	.0029	.0008	.0008	.0001	.0000	.0035
%RSD	332.0	18.91	206.8	5.581	.1966	134.9	314.4
#1	-.0003	.0177	.0002	.0159	.0543	-.0000	-.0036
#2	.0006	.0135	-.0009	.0147	.0542	-.0000	.0014

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6964	-.0001	.0008	.0018	.0010	.0212	.2121
SDev	.0025	.0003	.0001	.0002	.0000	.0078	.0162
%RSD	.3535	259.3	11.33	11.24	2.136	36.76	7.642
#1	.6947	-.0003	.0008	.0019	.0010	.0157	.2006
#2	.6981	.0001	.0009	.0016	.0010	.0268	.2235

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0003	.0777	.0038	-.0002	6.200	7.986
SDev	.0008	.0000	.0052	.0001	.0004	.002	.024
%RSD	4189.	9.869	6.746	1.730	240.1	.0310	.3037
#1	-.0006	.0003	.0740	.0037	.0001	6.202	8.003
#2	.0006	.0003	.0814	.0038	-.0005	6.199	7.969

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0064	.0131	-.0062	.0056	.0039	.9564	.0062
SDev	.0000	.0152	.0044	.0001	.0016	.0040	.0021
%RSD	.6830	116.1	70.71	1.342	40.27	.4136	33.80
#1	.0064	.0238	-.0092	.0056	.0028	.9592	.0077
#2	.0063	.0023	-.0031	.0057	.0050	.9536	.0047

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.95	-.0038	.0002	1.347	.0017	-.0011	.0015
SDev	.29	.0049	.0016	.003	.0015	.0006	.0020
%RSD	.2927	129.6	713.4	.1956	88.11	51.56	131.3
#1	99.74	-.0073	.0014	1.349	.0006	-.0015	.0001
#2	100.2	-.0003	-.0009	1.346	.0028	-.0007	.0029

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0016	.0062	.0003	.0004	.0093	.0011	.0003
SDev	.0000	.0024	.0000	.0022	.0341	.0003	.0004
%RSD	2.004	39.18	14.07	571.5	365.9	22.30	125.7
#1	.0016	.0080	.0003	-.0012	-.0148	.0013	.0006
#2	.0016	.0045	.0002	.0019	.0334	.0009	.0000

010273

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0075	.0011
SDev	.0001	.0003	.0003
%RSD	28.65	4.492	28.92
#1	.0002	.0072	.0008
#2	.0001	.0077	.0013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1032137	10000	--	--	--	--	--
SDev	2976.919	.0000000	--	--	--	--	--
%RSD	.2884229	.0000000	--	--	--	--	--
#1	1030032	10000	--	--	--	--	--
#2	1034242	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282125 Operator:
Run Time: 07/07/06 19:38:14 **010274**
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0111	-.0005	.0130	.0507	-.0000	-.0022
SDev	.0005	.0038	.0000	.0008	.0002	.0000	.0044
%RSD	99.01	34.51	5.078	6.160	.3907	6.370	197.9
#1	-.0001	.0138	-.0005	.0124	.0506	-.0000	.0009
#2	-.0008	.0084	-.0004	.0136	.0509	-.0000	-.0053

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.7099	-.0003	.0005	.0008	.0008	.0149	.2121
SDev	.0036	.0002	.0000	.0008	.0010	.0228	.0290
%RSD	.5022	64.01	7.816	101.9	128.6	153.6	13.69
#1	.7124	-.0002	.0005	.0002	.0001	.0310	.2327
#2	.7074	-.0005	.0005	.0014	.0015	-.0013	.1916

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0002	.0759	.0028	.0002	6.048	7.860
SDev	.0010	.0001	.0084	.0001	.0001	.135	.028
%RSD	140.5	29.06	11.10	3.405	30.39	2.226	.3504
#1	-.0000	.0003	.0819	.0027	.0001	6.143	7.841
#2	-.0014	.0002	.0699	.0028	.0002	5.953	7.880

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0288	-.0063	.0042	-.0003	.9498	.0051
SDev	.0014	.0019	.0001	.0014	.0064	.0100	.0063
%RSD	197.0	6.762	1.688	32.46	1973.	1.059	124.5
#1	-.0003	.0302	-.0062	.0052	.0042	.9569	.0006
#2	.0017	.0274	-.0064	.0032	-.0049	.9426	.0096

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.46	-.0034	.0021	1.331	.0007	.0003	.0002
SDev	.03	.0026	.0008	.000	.0009	.0003	.0002
%RSD	.0266	75.67	38.55	.0251	132.2	119.9	109.4
#1	99.44	-.0016	.0015	1.331	.0014	.0005	.0000
#2	99.47	-.0053	.0027	1.331	.0000	.0000	.0003

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0016	.0050	.0003	-.0026	-.0347	.0011	-.0002
SDev	.0000	.0043	.0003	.0018	.0372	.0005	.0023
%RSD	1.876	86.58	76.91	68.80	107.3	46.82	1077.
#1	.0016	.0019	.0001	-.0039	-.0084	.0007	.0014
#2	.0016	.0081	.0005	-.0013	-.0610	.0015	-.0019

010275

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0079	.0007
SDev	.0002	.0002	.0006
%RSD	120.7	2.808	82.49
#1	.0000	.0081	.0003
#2	.0003	.0078	.0011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1027090	10000	--	--	--	--	--
SDev	252.4371	.0000000	--	--	--	--	--
%RSD	.0245779	.0000000	--	--	--	--	--
#1	1026911	10000	--	--	--	--	--
#2	1027268	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282126 Operator:
Run Time: 07/07/06 19:43:01
Comment:
Mode: CONC Corr. Factor: 1

010276

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0090	-.0022	.0109	.0493	-.0000	-.0022
SDev	.0001	.0028	.0009	.0002	.0000	.0000	.0016
%RSD	14.22	31.64	40.00	2.044	.0001	117.0	71.89
#1	-.0009	.0070	-.0028	.0108	.0493	-.0001	-.0034
#2	-.0007	.0110	-.0016	.0111	.0493	-.0000	-.0011

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6928	-.0002	.0001	.0003	.0005	.0200	.1817
SDev	.0050	.0001	.0007	.0008	.0001	.0271	.0298
%RSD	.7197	59.16	450.0	264.9	15.24	135.8	16.40
#1	.6892	-.0003	-.0003	-.0003	.0004	.0008	.1606
#2	.6963	-.0001	.0006	.0009	.0005	.0391	.2027

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0020	.0002	.0666	.0020	.0005	5.984	7.912
SDev	.0003	.0001	.0039	.0000	.0000	.293	.022
%RSD	15.56	36.93	5.795	1.051	5.000	4.901	.2727
#1	-.0022	.0002	.0639	.0020	.0005	5.776	7.927
#2	-.0018	.0003	.0694	.0020	.0004	6.191	7.897

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	.0274	-.0028	.0038	.0000	.9340	.0049
SDev	.0007	.0024	.0001	.0008	.0074	.0076	.0041
%RSD	62.79	8.856	3.782	20.44	30560.	.8194	83.01
#1	.0006	.0291	-.0027	.0033	-.0052	.9394	.0020
#2	.0017	.0257	-.0029	.0044	.0052	.9286	.0078

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.2	-.0032	.0025	1.324	.0016	.0006	-.0003
SDev	1.1	.0015	.0006	.003	.0005	.0009	.0011
%RSD	1.096	44.84	24.71	.2529	29.80	156.5	347.4
#1	101.0	-.0022	.0029	1.322	.0013	.0012	-.0011
#2	99.43	-.0043	.0020	1.327	.0020	-.0001	.0005

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.0050	.0003	.0001	-.0532	.0012	-.0010
SDev	.0000	.0004	.0001	.0005	.0096	.0008	.0023
%RSD	.7543	7.994	29.78	515.1	18.06	63.82	241.5
#1	.0015	.0048	.0002	-.0003	-.0600	.0007	-.0026
#2	.0015	.0053	.0003	.0005	-.0464	.0017	.0007

010277

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0083	.0002
SDev	.0002	.0001	.0003
%RSD	210.7	1.456	218.9
#1	-.0000	.0083	-.0001
#2	.0002	.0084	.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1034844	10000	--	--	--	--	--
SDev	11313.71	.0000000	--	--	--	--	--
%RSD	1.093277	.0000000	--	--	--	--	--
#1	1042844	10000	--	--	--	--	--
#2	1026844	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282127 Operator:
Run Time: 07/07/06 19:47:46
Comment:
Mode: CONC Corr. Factor: 1

010278

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0170	-.0024	.0107	.0478	-.0000	-.0035
SDev	.0016	.0121	.0018	.0011	.0001	.0000	.0049
%RSD	499.8	71.09	73.27	10.15	.1792	220.0	141.6
#1	-.0014	.0085	-.0037	.0115	.0479	-.0000	-.0070
#2	.0008	.0256	-.0012	.0100	.0477	.0000	.0000

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6934	.0000	.0012	.0013	.0009	.0095	.2158
SDev	.0016	.0005	.0014	.0016	.0004	.0421	.0376
%RSD	.2344	2773.	114.3	119.2	50.55	443.1	17.43
#1	.6923	-.0003	.0002	.0024	.0012	-.0203	.1892
#2	.6946	.0004	.0023	.0002	.0006	.0393	.2424

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0002	.0726	.0016	.0004	6.143	8.022
SDev	.0022	.0001	.0134	.0002	.0003	.258	.000
%RSD	242.3	45.68	18.42	10.30	68.40	4.204	.0029
#1	-.0025	.0001	.0631	.0018	.0005	5.961	8.022
#2	.0006	.0003	.0820	.0015	.0002	6.326	8.022

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0161	-.0030	.0029	.0009	.9459	.0054
SDev	.0006	.0036	.0052	.0013	.0075	.0032	.0013
%RSD	315.1	22.28	171.2	44.93	849.8	.3365	24.86
#1	.0006	.0136	-.0067	.0038	-.0044	.9481	.0063
#2	-.0002	.0187	.0006	.0020	.0062	.9436	.0044

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.6	-.0025	.0026	1.307	.0009	.0009	.0016
SDev	.1	.0013	.0011	.003	.0008	.0011	.0002
%RSD	.0567	50.92	41.60	.2111	90.08	124.6	14.12
#1	100.6	-.0016	.0034	1.305	.0003	.0017	.0014
#2	100.5	-.0034	.0018	1.309	.0015	.0001	.0017

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.0066	.0004	.0022	-.0234	.0015	-.0009
SDev	.0001	.0078	.0003	.0031	.0816	.0013	.0036
%RSD	5.894	119.2	74.35	142.3	348.6	89.56	413.5
#1	.0015	.0121	.0005	-.0000	-.0812	.0024	-.0034
#2	.0016	.0010	.0002	.0044	.0343	.0005	.0017

010279

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0075	.0007
SDev	.0001	.0003	.0003
%RSD	68.70	4.038	37.63
#1	.0003	.0073	.0009
#2	.0001	.0077	.0005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1038582	10000	--	--	--	--	--
SDev	545.1793	.0000000	--	--	--	--	--
%RSD	.0524926	.0000000	--	--	--	--	--
#1	1038968	10000	--	--	--	--	--
#2	1038197	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282128 Operator:
Run Time: 07/07/06 19:52:32
Comment:
Mode: CONC Corr. Factor: 1

010280

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	.0108	-.0006	.0116	.0502	-.0000	-.0038
SDev	.0004	.0024	.0011	.0002	.0002	.0000	.0002
%RSD	33.04	22.27	177.3	1.720	.3737	15.22	4.874
#1	-.0015	.0091	-.0014	.0115	.0504	-.0000	-.0037
#2	-.0009	.0125	.0002	.0118	.0501	-.0000	-.0039

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6632	-.0004	.0008	.0021	.0013	-.0055	.1764
SDev	.0014	.0002	.0008	.0001	.0001	.0026	.0013
%RSD	.2096	57.50	99.28	2.616	11.63	46.91	.7076
#1	.6622	-.0005	.0002	.0021	.0012	-.0074	.1773
#2	.6642	-.0002	.0014	.0021	.0014	-.0037	.1755

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0021	.0001	.0619	.0012	.0007	6.124	8.141
SDev	.0006	.0000	.0062	.0000	.0007	.059	.029
%RSD	31.12	2.513	10.02	3.247	101.7	.9670	.3509
#1	-.0025	.0001	.0575	.0012	.0002	6.082	8.161
#2	-.0016	.0001	.0663	.0012	.0012	6.166	8.121

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0013	.0116	-.0034	.0050	-.0029	.9594	.0063
SDev	.0003	.0052	.0009	.0002	.0015	.0008	.0005
%RSD	20.65	44.45	25.59	3.102	52.28	.0868	7.884
#1	.0011	.0153	-.0028	.0049	-.0018	.9588	.0060
#2	.0015	.0080	-.0040	.0051	-.0039	.9600	.0067

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.8	-.0020	.0002	1.311	.0022	-.0006	-.0011
SDev	1.4	.0007	.0004	.001	.0002	.0005	.0017
%RSD	1.388	33.64	251.9	.0854	8.445	84.64	156.6
#1	101.8	-.0025	-.0001	1.310	.0024	-.0009	-.0023
#2	99.82	-.0016	.0004	1.311	.0021	-.0002	.0001

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.0102	.0006	.0005	-.0697	.0020	-.0011
SDev	.0000	.0022	.0001	.0053	.0309	.0001	.0032
%RSD	1.930	21.51	8.312	1150.	44.30	7.574	288.0
#1	.0015	.0117	.0005	-.0033	-.0916	.0019	-.0034
#2	.0015	.0086	.0006	.0042	-.0479	.0021	.0012

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0003	.0064	.0012
SDev	.0001	.0003	.0003
%RSD	23.15	3.982	23.28
#1	.0002	.0062	.0010
#2	.0003	.0066	.0014

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1041135	10000	--	--	--	--	--
SDev	14406.59	.0000000	--	--	--	--	--
%RSD	1.383739	.0000000	--	--	--	--	--
#1	1051322	10000	--	--	--	--	--
#2	1030948	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282129 Operator:
Run Time: 07/07/06 19:57:23 010282
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0124	-.0016	.0100	.0500	-.0000	-.0023
SDev	.0007	.0047	.0031	.0015	.0000	.0000	.0017
%RSD	221.8	38.03	189.1	14.86	.0727	112.9	73.94
#1	-.0008	.0091	-.0038	.0089	.0499	-.0000	-.0011
#2	.0002	.0158	.0006	.0110	.0500	-.0000	-.0035

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6915	-.0001	.0003	.0014	.0011	.0170	.1927
SDev	.0030	.0001	.0000	.0010	.0008	.0067	.0217
%RSD	.4277	83.63	14.75	74.19	70.60	39.41	11.25
#1	.6894	-.0002	.0003	.0007	.0006	.0123	.1773
#2	.6936	-.0000	.0002	.0021	.0017	.0218	.2080

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0002	.0728	.0010	-.0001	6.002	7.848
SDev	.0006	.0000	.0043	.0000	.0010	.012	.033
%RSD	101.1	20.97	5.907	4.491	875.2	.1927	.4197
#1	-.0011	.0002	.0698	.0010	-.0008	5.994	7.872
#2	-.0002	.0002	.0758	.0010	.0006	6.010	7.825

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	.0166	-.0015	.0029	.0003	.9467	.0045
SDev	.0003	.0030	.0069	.0017	.0029	.0042	.0036
%RSD	31.10	17.88	454.7	57.68	882.6	.4379	79.84
#1	.0013	.0187	-.0064	.0041	-.0017	.9496	.0020
#2	.0009	.0145	.0034	.0017	.0024	.9438	.0071

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.04	-.0013	-.0010	1.295	.0014	-.0011	.0024
SDev	.67	.0019	.0029	.002	.0012	.0013	.0012
%RSD	.6746	146.5	304.3	.1608	82.02	124.8	50.75
#1	99.51	-.0026	.0011	1.296	.0006	-.0001	.0015
#2	98.57	.0000	-.0030	1.293	.0023	-.0020	.0033

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.0062	.0004	-.0009	-.0172	.0014	-.0039
SDev	.0000	.0013	.0002	.0024	.0205	.0003	.0002
%RSD	2.632	20.42	50.14	257.2	119.6	23.32	5.695
#1	.0015	.0071	.0003	.0008	-.0317	.0011	-.0041
#2	.0016	.0053	.0005	-.0026	-.0027	.0016	-.0038

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0058	.0010
SDev	.0001	.0001	.0004
%RSD	50.64	1.182	43.72
#1	.0001	.0058	.0007
#2	.0003	.0059	.0013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1022792	10000	--	--	--	--	--
SDev	6833.480	.0000000	--	--	--	--	--
%RSD	.6681202	.0000000	--	--	--	--	--
#1	1027624	10000	--	--	--	--	--
#2	1017960	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282130 Operator:
Run Time: 07/07/06 20:02:12
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0266	-.0022	.0095	.0504	-.0000	-.0047
SDev	.0001	.0016	.0003	.0006	.0002	.0000	.0028
%RSD	10.92	6.173	14.14	6.353	.3387	15.71	59.12
#1	-.0008	.0255	-.0020	.0091	.0503	-.0000	-.0067
#2	-.0007	.0278	-.0025	.0100	.0505	-.0000	-.0027

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6302	-.0003	.0010	.0010	.0005	.0353	.1705
SDev	.0011	.0000	.0006	.0007	.0003	.0007	.0009
%RSD	.1744	.0627	63.43	65.58	66.59	2.056	.5349
#1	.6294	-.0003	.0005	.0006	.0003	.0348	.1698
#2	.6310	-.0003	.0014	.0015	.0008	.0358	.1711

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0016	.0002	.0666	.0011	-.0002	5.954	7.968
SDev	.0001	.0000	.0046	.0000	.0003	.199	.007
%RSD	6.988	11.87	6.844	3.897	164.7	3.350	.0924
#1	-.0017	.0002	.0633	.0011	-.0003	5.813	7.963
#2	-.0015	.0002	.0698	.0012	.0000	6.095	7.974

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.0163	-.0040	.0031	-.0013	.9449	.0043
SDev	.0002	.0045	.0018	.0010	.0018	.0001	.0010
%RSD	16.86	27.80	44.46	33.33	138.6	.0087	23.02
#1	.0012	.0195	-.0028	.0024	-.0025	.9448	.0036
#2	.0009	.0131	-.0053	.0038	-.0000	.9450	.0050

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.63	-.0046	.0037	1.329	.0007	.0010	-.0005
SDev	.40	.0009	.0033	.002	.0001	.0019	.0001
%RSD	.4008	18.73	88.54	.1488	12.57	196.4	18.92
#1	99.34	-.0052	.0061	1.331	.0007	.0023	-.0006
#2	99.91	-.0040	.0014	1.328	.0008	-.0004	-.0004

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	.0053	.0006	-.0009	-.0409	.0013	-.0042
SDev	.0000	.0034	.0003	.0018	.0022	.0001	.0023
%RSD	.4195	63.55	41.18	196.8	5.304	4.881	53.43
#1	.0014	.0029	.0004	.0004	-.0424	.0014	-.0026
#2	.0014	.0077	.0008	-.0022	-.0393	.0013	-.0058

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0065	.0007
SDev	.0001	.0001	.0008
%RSD	54.65	1.253	117.2
#1	.0001	.0066	.0001
#2	.0001	.0064	.0013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1028924	10000	--	--	--	--	--
SDev	4125.968	.0000000	--	--	--	--	--
%RSD	.4009981	.0000000	--	--	--	--	--
#1	1026007	10000	--	--	--	--	--
#2	1031842	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282131 Operator: 010286
Run Time: 07/07/06 20:06:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	.0307	.0001	.0097	.0552	-.0000	-.0072
SDev	.0004	.0014	.0012	.0003	.0003	.0000	.0016
%RSD	38.66	4.590	820.8	3.523	.5637	13.95	21.71
#1	-.0007	.0297	.0010	.0095	.0549	-.0000	-.0061
#2	-.0012	.0317	-.0007	.0100	.0554	-.0000	-.0083

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5949	-.0004	.0004	.0013	.0005	-.0121	.1697
SDev	.0052	.0001	.0000	.0009	.0008	.0191	.0115
%RSD	.8716	39.36	7.986	69.75	186.0	157.1	6.776
#1	.5985	-.0003	.0004	.0007	-.0001	.0013	.1778
#2	.5912	-.0005	.0004	.0019	.0011	-.0256	.1616

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0024	.0001	.0556	.0007	.0001	5.884	8.033
SDev	.0004	.0001	.0069	.0001	.0003	.104	.014
%RSD	16.82	63.21	12.48	7.089	172.3	1.766	.1759
#1	-.0021	.0001	.0605	.0006	.0003	5.957	8.023
#2	-.0027	.0001	.0507	.0007	-.0000	5.810	8.043

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0126	-.0035	.0028	-.0054	.9483	.0041
SDev	.0011	.0094	.0028	.0004	.0044	.0204	.0005
%RSD	125.5	74.25	80.21	15.80	81.30	2.154	11.10
#1	.0001	.0192	-.0015	.0031	-.0023	.9628	.0038
#2	.0016	.0060	-.0055	.0025	-.0085	.9339	.0044

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.6	-.0020	.0025	1.314	.0007	.0010	-.0013
SDev	.6	.0012	.0028	.002	.0012	.0022	.0016
%RSD	.6059	59.16	110.2	.1667	181.3	224.4	124.3
#1	100.2	-.0029	.0006	1.316	.0016	-.0006	-.0002
#2	101.0	-.0012	.0045	1.312	-.0002	.0026	-.0024

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0013	.0064	.0005	-.0020	-.0667	.0011	-.0029
SDev	.0000	.0027	.0001	.0040	.0195	.0006	.0002
%RSD	.7894	42.16	29.59	202.9	29.25	51.71	7.877
#1	.0013	.0045	.0004	-.0048	-.0529	.0007	-.0030
#2	.0013	.0083	.0006	.0009	-.0805	.0015	-.0027

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0041	.0004
SDev	.0002	.0002	.0003
%RSD	127.3	3.970	64.44
#1	.0000	.0042	.0002
#2	.0002	.0040	.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1038830	10000	--	--	--	--	--
SDev	6205.569	.0000000	--	--	--	--	--
%RSD	.5973614	.0000000	--	--	--	--	--
#1	1034442	10000	--	--	--	--	--
#2	1043218	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282132 Operator: 010288
Run Time: 07/07/06 20:11:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0224	.0004	.0087	.0556	-.0000	.0006
SDev	.0001	.0019	.0027	.0008	.0001	.0000	.0016
%RSD	13.76	8.573	719.0	9.755	.2593	33.28	286.9
#1	-.0009	.0238	.0023	.0081	.0555	-.0000	-.0006
#2	-.0008	.0210	-.0015	.0093	.0557	-.0000	.0017

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5989	-.0002	-.0000	-.0002	-.0000	.0089	.2192
SDev	.0020	.0001	.0000	.0013	.0004	.0046	.0079
%RSD	.3300	65.72	5592.	647.1	11860.	51.05	3.587
#1	.5975	-.0001	.0000	-.0011	-.0003	.0057	.2137
#2	.6003	-.0003	-.0000	.0007	.0002	.0122	.2248

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0013	.0001	.0627	.0004	-.0002	6.049	8.116
SDev	.0003	.0000	.0008	.0002	.0004	.113	.031
%RSD	24.27	27.65	1.297	39.08	159.1	1.868	.3864
#1	-.0015	.0001	.0632	.0003	-.0005	5.969	8.138
#2	-.0010	.0002	.0621	.0006	.0000	6.129	8.094

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0015	-.0043	-.0011	.0016	-.0028	.9463	.0020
SDev	.0008	.0030	.0043	.0017	.0015	.0028	.0055
%RSD	50.24	69.20	393.4	106.2	52.17	.3003	275.7
#1	-.0020	-.0064	.0019	.0004	-.0038	.9483	-.0019
#2	-.0010	-.0022	-.0041	.0028	-.0018	.9443	.0059

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.4	-.0024	-.0003	1.313	.0007	-.0010	.0007
SDev	.8	.0001	.0006	.002	.0003	.0004	.0005
%RSD	.7839	4.595	237.6	.1469	43.96	45.23	66.09
#1	102.0	-.0023	.0002	1.315	.0009	-.0007	.0010
#2	100.9	-.0025	-.0007	1.312	.0005	-.0013	.0004

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	.0019	.0004	-.0008	-.0339	-.0001	.0001
SDev	.0000	.0050	.0005	.0011	.0028	.0013	.0000
%RSD	.9995	261.1	105.8	128.5	8.322	2527.	62.57
#1	.0014	-.0016	.0001	-.0001	-.0359	-.0010	.0001
#2	.0014	.0055	.0008	-.0016	-.0319	.0009	.0000

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0039	-.0002
SDev	.0001	.0002	.0008
%RSD	2024.	6.120	473.4
#1	-.0001	.0041	-.0008
#2	.0001	.0037	.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1047600	10000	--	--	--	--	--
SDev	8198.196	.0000000	--	--	--	--	--
%RSD	.7825693	.0000000	--	--	--	--	--
#1	1053397	10000	--	--	--	--	--
#2	1041803	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282133 Operator: 010290
Run Time: 07/07/06 20:16:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0018	-.0033	-.0026	.0080	.0502	-.0001	-.0049
SDev	.0007	.0020	.0020	.0002	.0003	.0000	.0038
%RSD	41.15	59.94	75.63	2.456	.6271	.5948	76.38
#1	-.0013	-.0019	-.0040	.0078	.0499	-.0001	-.0076
#2	-.0023	-.0048	-.0012	.0081	.0504	-.0001	-.0023

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.440	-.0004	-.0005	-.0001	-.0004	-.0148	.2558
SDev	.012	.0002	.0003	.0008	.0003	.0149	.0032
%RSD	.8571	56.37	58.34	1511.	73.11	100.7	1.253
#1	1.449	-.0002	-.0003	-.0006	-.0006	-.0043	.2580
#2	1.431	-.0006	-.0008	.0005	-.0002	-.0253	.2535

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0033	.0002	.0998	.0004	-.0004	4.328	5.996
SDev	.0008	.0000	.0051	.0000	.0004	.004	.027
%RSD	23.10	15.44	5.093	9.350	101.4	.0893	.4566
#1	-.0027	.0002	.1034	.0004	-.0007	4.331	5.977
#2	-.0038	.0002	.0962	.0004	-.0001	4.326	6.016

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0187	-.0028	.0021	-.0061	.9501	.0013
SDev	.0007	.0052	.0058	.0028	.0033	.0059	.0049
%RSD	1179.	27.71	208.9	133.1	54.16	.6165	373.2
#1	.0006	.0150	.0013	.0001	-.0038	.9542	-.0021
#2	-.0004	.0223	-.0069	.0041	-.0084	.9459	.0048

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.2	-.0013	.0007	1.264	.0005	.0001	-.0012
SDev	1.0	.0074	.0040	.003	.0000	.0002	.0004
%RSD	1.003	584.5	539.9	.2359	6.366	228.6	37.28
#1	100.5	.0040	-.0021	1.267	.0005	-.0000	-.0015
#2	102.0	-.0065	.0035	1.262	.0005	.0002	-.0009

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0028	.0032	-.0000	-.0013	-.1032	.0000	-.0042
SDev	.0000	.0017	.0002	.0023	.0184	.0006	.0016
%RSD	.9061	53.70	460.4	180.0	17.83	2575.	39.15
#1	.0028	.0020	-.0002	-.0030	-.0902	-.0004	-.0030
#2	.0028	.0044	.0001	.0004	-.1163	.0004	-.0053

010291

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.0047	-.0008
SDev	.0001	.0002	.0002
%RSD	40.64	3.372	24.30
#1	-.0002	.0048	-.0009
#2	-.0001	.0046	-.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1045543	10000	--	--	--	--	--
SDev	10462.35	.0000000	--	--	--	--	--
%RSD	1.000662	.0000000	--	--	--	--	--
#1	1038145	10000	--	--	--	--	--
#2	1052941	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccv3 Operator: 010292
Run Time: 07/07/06 20:21:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9846	9.968	5.111	4.914	10.15	.9881	5.007
SDev	.0022	.015	.009	.013	.01	.0016	.009
%RSD	.2267	.1456	.1858	.2732	.1152	.1598	.1891
#1	.9862	9.978	5.104	4.904	10.14	.9892	5.000
#2	.9830	9.958	5.118	4.923	10.16	.9870	5.013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.12	1.003	5.074	1.992	2.039	10.51	18.74
SDev	.06	.000	.006	.002	.000	.02	.00
%RSD	.2822	.0300	.1278	.1115	.0168	.2208	.0020
#1	20.16	1.003	5.079	1.993	2.038	10.53	18.74
#2	20.08	1.003	5.070	1.990	2.039	10.49	18.74
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.967	4.859	20.00	1.011	5.054	28.12	H40.95
SDev	.007	.008	.04	.001	.001	.25	.12
%RSD	.1345	.1656	.1992	.1129	.0170	.8756	.2899
#1	4.962	4.853	20.03	1.011	5.055	28.29	H40.86
#2	4.972	4.865	19.98	1.010	5.054	27.95	H41.03
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.990	5.134	5.025	5.005	1.014	1.009	.9905
SDev	.007	.028	.015	.029	.005	.001	.0050
%RSD	.1480	.5378	.3005	.5721	.4457	.0927	.5063
#1	4.995	5.153	5.035	5.026	1.017	1.010	.9869
#2	4.985	5.114	5.014	4.985	1.010	1.009	.9940
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010293

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.69	5.227	5.183	5.034	5.012	5.198	5.118
SDev	.52	.001	.050	.008	.024	.033	.001
%RSD	.5303	.0239	.9625	.1530	.4813	.6319	.0151
#1	98.32	5.226	5.219	5.040	5.029	5.221	5.118
#2	99.06	5.228	5.148	5.029	4.995	5.175	5.117
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.096	.9895	4.801	5.258	.9931	4.976	H1.203
SDev	.002	.0077	.000	.007	.0512	.002	.001
%RSD	.0314	.7758	.0046	.1275	5.153	.0343	.0430
#1	5.094	.9840	4.800	5.254	1.029	4.977	H1.202
#2	5.097	.9949	4.801	5.263	.9569	4.974	H1.203
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.040	1.019	4.764
SDev	.004	.002	.007
%RSD	.0715	.2294	.1499
#1	5.042	1.021	4.759
#2	5.037	1.018	4.769
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010294

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1019160	10000	--	--	--	--	--
SDev	5415.731	.0000000	--	--	--	--	--
%RSD	.5313914	.0000000	--	--	--	--	--
#1	1015331	10000	--	--	--	--	--
#2	1022990	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb3 Operator: 010295
Run Time: 07/07/06 20:26:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0015	-.0020	.0069	.0001	.0000	-.0005
SDev	.0014	.0119	.0021	.0017	.0000	.0000	.0024
%RSD	762.2	803.7	106.7	25.04	19.37	57.37	464.8
#1	.0012	.0070	-.0035	.0082	.0002	.0000	.0012
#2	-.0008	-.0099	-.0005	.0057	.0001	.0000	-.0023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.0000	.0002	.0012	.0006	.0297	.0171
SDev	.0001	.0002	.0010	.0001	.0003	.0077	.0133
%RSD	3.598	673.5	485.4	7.101	56.11	25.84	78.08
#1	.0016	.0002	.0009	.0011	.0004	.0351	.0265
#2	.0015	-.0001	-.0005	.0013	.0009	.0243	.0077
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0002	.0038	.0001	.0012	H.2729	.0015
SDev	.0021	.0001	.0072	.0000	.0003	.0521	.0007
%RSD	2922.	35.45	191.7	23.62	25.78	19.08	49.46
#1	.0014	.0003	.0089	.0001	.0014	H.3098	.0010
#2	-.0016	.0002	-.0013	.0001	.0009	H.2361	.0020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	-.0042	-.0051	.0025	.0046	-.0003	.0064
SDev	.0003	.0057	.0028	.0007	.0027	.0039	.0001
%RSD	4962.	135.2	55.00	28.45	58.42	1290.	1.943
#1	-.0002	-.0002	-.0031	.0020	H.0064	-.0030	.0063
#2	.0002	-.0082	-.0071	.0030	.0027	.0024	.0065
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010296

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.21	-.0007	.0012	.0021	-.0000	.0006	-.0012
SDev	.60	.0004	.0006	.0053	.0005	.0005	.0012
%RSD	.6016	55.64	51.32	256.6	4718.	91.88	96.60
#1	98.78	-.0004	.0016	.0058	.0003	.0010	-.0004
#2	99.63	-.0009	.0008	-.0017	-.0003	.0002	-.0021
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0050	.0002	.0021	.0092	.0010	-.0005
SDev	.0001	.0034	.0001	.0007	.0752	.0004	.0018
%RSD	283.8	68.99	36.27	34.93	816.7	44.81	349.7
#1	.0001	.0026	.0002	.0026	.0624	.0007	.0007
#2	-.0000	.0074	.0003	.0016	-.0440	.0013	-.0018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	-.0000	.0009
SDev	.0000	.0004	.0004
%RSD	9.272	977.6	39.89
#1	.0002	.0002	.0012
#2	.0002	-.0003	.0006
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010297

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1024504	10000	--	--	--	--	--
SDev	6211.933	.0000000	--	--	--	--	--
%RSD	.6063359	.0000000	--	--	--	--	--
#1	1020111	10000	--	--	--	--	--
#2	1028896	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282134 Operator: 010298
Run Time: 07/07/06 20:30:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0060	.0002	.0119	.0504	-.0000	-.0045
SDev	.0017	.0070	.0040	.0003	.0000	.0000	.0088
%RSD	917.1	116.5	1650.	2.489	.0304	7.909	193.5
#1	-.0014	.0011	-.0026	.0121	.0504	-.0000	-.0108
#2	.0010	.0110	.0031	.0117	.0503	-.0000	.0017

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.308	-.0001	.0008	.0005	-.0001	.0196	.2417
SDev	.005	.0003	.0012	.0004	.0001	.0171	.0073
%RSD	.3984	463.4	148.8	81.08	116.5	87.12	3.029
#1	1.304	-.0003	-.0000	.0008	-.0001	.0075	.2365
#2	1.311	.0002	.0017	.0002	-.0000	.0317	.2469

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0003	.1045	.0001	.0003	4.721	5.966
SDev	.0018	.0000	.0084	.0001	.0001	.053	.012
%RSD	214.9	2.743	8.063	82.38	36.26	1.115	.1935
#1	-.0021	.0003	.0985	.0002	.0002	4.684	5.974
#2	.0004	.0003	.1105	.0001	.0004	4.758	5.958

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	-.0015	-.0010	.0017	.0016	.9383	.0035
SDev	.0001	.0041	.0078	.0054	.0036	.0085	.0044
%RSD	18.85	275.0	772.4	320.8	216.1	.9084	125.1
#1	-.0006	-.0044	-.0066	.0055	-.0009	.9323	.0004
#2	-.0005	.0014	.0045	-.0021	.0042	.9443	.0066

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.78	-.0000	-.0012	1.247	.0008	-.0008	.0006
SDev	.27	.0085	.0007	.007	.0010	.0024	.0019
%RSD	.2675	2506000.	58.54	.5488	124.6	307.4	322.9
#1	99.97	-.0060	-.0007	1.242	.0015	-.0024	-.0008
#2	99.60	.0060	-.0017	1.252	.0001	.0009	.0019

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0026	.0034	-.0000	-.0024	-.0227	.0004	-.0027
SDev	.0001	.0010	.0000	.0005	.0678	.0001	.0001
%RSD	2.747	29.62	440.1	19.73	298.9	37.33	5.572
#1	.0025	.0041	.0000	-.0021	-.0707	.0005	-.0028
#2	.0026	.0027	-.0000	-.0027	.0253	.0003	-.0026

010299

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0012	.0001
SDev	.0001	.0002	.0002
%RSD	357.7	18.19	145.5
#1	.0001	.0011	-.0000
#2	-.0000	.0014	.0003

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1030498	10000	--	--	--	--	--
SDev	2839.741	.0000000	--	--	--	--	--
%RSD	.2755698	.0000000	--	--	--	--	--
#1	1032506	10000	--	--	--	--	--
#2	1028490	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282135 Operator: 010300
Run Time: 07/07/06 20:35:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	.0283	-.0023	.0278	.0569	-.0000	-.0065
SDev	.0013	.0040	.0012	.0003	.0002	.0000	.0092
%RSD	114.5	13.99	51.17	1.177	.3820	4.890	140.5
#1	-.0021	.0255	-.0031	.0276	.0568	-.0000	-.0130
#2	-.0002	.0311	-.0015	.0280	.0571	-.0000	-.0000

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3341	-.0002	-.0005	.0004	.0004	-.0034	.2867
SDev	.0030	.0003	.0012	.0005	.0005	.0245	.0222
%RSD	.8855	137.6	250.5	120.7	130.6	711.6	7.740
#1	.3320	-.0005	-.0013	.0001	.0000	-.0208	.2710
#2	.3362	-.0000	.0004	.0008	.0007	.0139	.3024

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0025	.0004	.0384	.0002	-.0001	7.372	9.847
SDev	.0021	.0001	.0095	.0001	.0004	.204	.128
%RSD	86.46	21.22	24.67	76.52	645.7	2.774	1.299
#1	-.0040	.0003	.0317	.0001	-.0004	7.227	9.937
#2	-.0010	.0004	.0451	.0003	.0002	7.516	9.756

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	-.0058	-.0026	.0021	-.0052	.9448	.0020
SDev	.0015	.0068	.0056	.0017	.0065	.0211	.0038
%RSD	188.8	116.0	213.6	79.79	126.0	2.236	194.8
#1	-.0019	-.0011	-.0066	.0033	-.0098	.9597	-.0007
#2	.0003	-.0106	.0013	.0009	-.0006	.9298	.0047

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.1	-.0018	.0002	1.453	.0006	-.0005	-.0008
SDev	.5	.0014	.0013	.018	.0007	.0004	.0005
%RSD	.5339	75.31	750.8	1.206	134.1	90.55	55.49
#1	100.5	-.0028	.0011	1.465	.0000	-.0002	-.0011
#2	99.77	-.0009	-.0008	1.441	.0011	-.0008	-.0005

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0013	.0045	.0006	-.0015	-.0785	.0004	-.0043
SDev	.0001	.0002	.0005	.0017	.0679	.0012	.0035
%RSD	5.543	3.456	83.50	120.5	86.55	296.6	80.35
#1	.0012	.0044	.0002	-.0027	-.1266	-.0004	-.0068
#2	.0013	.0046	.0009	-.0002	-.0305	.0012	-.0019

010301

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0005	-.0001
SDev	.0002	.0004	.0016
%RSD	1609.	77.74	1608.
#1	-.0002	.0002	-.0013
#2	.0001	.0008	.0011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1034239	10000	--	--	--	--	--
SDev	5607.357	.0000000	--	--	--	--	--
%RSD	.5421723	.0000000	--	--	--	--	--
#1	1038204	10000	--	--	--	--	--
#2	1030274	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282136 Operator:
Run Time: 07/07/06 20:40:21
Comment:
Mode: CONC Corr. Factor: 1

010302

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0584	-.0028	.0168	.0658	.0000	-.0031
SDev	.0006	.0033	.0012	.0012	.0001	.0000	.0020
%RSD	71.94	5.582	43.24	6.886	.1036	.4087	63.77
#1	-.0004	.0607	-.0019	.0176	.0657	.0000	-.0017
#2	-.0014	.0561	-.0036	.0160	.0658	.0000	-.0045

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.710	-.0003	.0023	-.0003	-.0002	.0004	.3952
SDev	.006	.0004	.0008	.0011	.0009	.0010	.0119
%RSD	.3328	117.6	32.04	440.2	442.7	256.8	3.005
#1	1.714	-.0001	.0029	.0005	.0004	-.0003	.4036
#2	1.706	-.0006	.0018	-.0011	-.0008	.0011	.3868

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0015	.0004	.1441	.0108	.0002	4.702	6.150
SDev	.0005	.0000	.0050	.0002	.0007	.276	.005
%RSD	35.29	8.792	3.473	1.486	325.5	5.878	.0863
#1	-.0011	.0004	.1476	.0109	.0008	4.897	6.146
#2	-.0018	.0004	.1405	.0107	-.0003	4.506	6.154

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0353	-.0054	.0039	-.0011	.9410	.0005
SDev	.0013	.0006	.0048	.0008	.0031	.0051	.0044
%RSD	502.8	1.578	87.45	20.37	287.4	.5417	813.4
#1	.0007	.0349	-.0088	.0033	.0011	.9374	.0036
#2	-.0012	.0357	-.0021	.0045	-.0033	.9446	-.0026

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.3	-.0045	.0007	1.408	.0008	-.0010	-.0006
SDev	.8	.0025	.0041	.002	.0021	.0036	.0000
%RSD	.8247	55.69	583.7	.1185	267.7	345.4	1.933
#1	99.68	-.0063	-.0022	1.410	-.0007	-.0036	-.0006
#2	100.8	-.0027	.0036	1.407	.0023	.0015	-.0006

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0036	.0016	-.0001	.0002	-.0369	.0000	-.0042
SDev	.0000	.0021	.0003	.0008	.0269	.0011	.0020
%RSD	.5839	133.3	428.4	499.9	73.01	2535.	47.86
#1	.0036	.0031	.0002	.0008	-.0178	.0008	-.0028
#2	.0035	.0001	-.0003	-.0004	-.0559	-.0007	-.0056

010303

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0340	-.0004
SDev	.0003	.0004	.0013
%RSD	313.2	1.230	294.0
#1	.0001	.0343	.0005
#2	-.0003	.0337	-.0013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1035480	10000	--	--	--	--	--
SDev	8495.888	.0000000	--	--	--	--	--
%RSD	.8204778	.0000000	--	--	--	--	--
#1	1029473	10000	--	--	--	--	--
#2	1041488	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282137 Operator: **010304**
Run Time: 07/07/06 20:45:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0459	-.0014	.0159	.0625	.0000	-.0043
SDev	.0004	.0010	.0009	.0012	.0003	.0000	.0021
%RSD	67.19	2.281	61.42	7.618	.5401	198.9	49.54
#1	-.0003	.0452	-.0020	.0150	.0623	-.0000	-.0028
#2	-.0008	.0467	-.0008	.0167	.0628	.0000	-.0058

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.691	-.0003	.0006	.0008	.0006	-.0002	.3625
SDev	.003	.0002	.0004	.0014	.0008	.0129	.0076
%RSD	.2006	70.18	65.18	169.1	123.3	6988.	2.098
#1	1.694	-.0002	.0009	-.0002	.0001	.0089	.3678
#2	1.689	-.0005	.0003	.0018	.0011	-.0093	.3571

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0016	.0003	.1428	.0081	.0001	4.680	6.107
SDev	.0003	.0000	.0006	.0001	.0000	.103	.010
%RSD	16.63	8.537	.3948	1.695	1.021	2.191	.1623
#1	-.0014	.0004	.1432	.0080	.0001	4.752	6.100
#2	-.0018	.0003	.1424	.0082	.0001	4.607	6.114

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0321	-.0063	.0043	-.0020	.9498	.0041
SDev	.0002	.0003	.0040	.0027	.0006	.0042	.0015
%RSD	35.12	.8818	64.08	63.07	30.95	.4370	35.50
#1	.0006	.0323	-.0034	.0024	-.0016	.9468	.0052
#2	.0004	.0319	-.0091	.0063	-.0025	.9527	.0031

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.1	-.0028	.0028	1.394	.0008	.0010	-.0003
SDev	.1	.0045	.0009	.000	.0005	.0009	.0002
%RSD	.0966	161.2	31.18	.0054	59.80	94.85	74.67
#1	100.1	.0004	.0022	1.394	.0005	.0016	-.0005
#2	100.2	-.0060	.0035	1.394	.0012	.0003	-.0002

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0034	.0042	.0002	-.0019	-.0474	.0009	-.0041
SDev	.0000	.0033	.0003	.0021	.0142	.0007	.0014
%RSD	.0712	79.38	124.6	110.5	29.93	83.02	35.15
#1	.0034	.0018	.0000	-.0035	-.0374	.0004	-.0030
#2	.0034	.0065	.0004	-.0004	-.0575	.0014	-.0051

010305

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0321	.0005
SDev	.0002	.0001	.0009
%RSD	167.6	.1625	186.5
#1	-.0000	.0320	-.0002
#2	.0003	.0321	.0011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1034126	10000	--	--	--	--	--
SDev	997.0206	.0000000	--	--	--	--	--
%RSD	.0964119	.0000000	--	--	--	--	--
#1	1033421	10000	--	--	--	--	--
#2	1034831	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: zzzzzz Operator:
Run Time: 07/07/06 20:49:54 **010306**
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0059	.0001	-.0004	.0000	-.0000	-.0012
SDev	.0000	.0007	.0019	.0008	.0000	.0000	.0004
%RSD	33.15	12.59	2618.	195.1	1.085	32.36	38.45
#1	-.0002	.0064	-.0013	.0002	.0000	-.0000	-.0009
#2	-.0001	.0053	.0014	-.0009	.0000	-.0000	-.0015

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	-.0002	-.0001	.0010	.0004	.0189	.0040
SDev	.0011	.0000	.0007	.0004	.0002	.0053	.0024
%RSD	301.5	6.433	509.8	35.26	39.72	27.81	60.55
#1	.0012	-.0002	.0004	.0008	.0005	.0226	.0057
#2	-.0004	-.0002	-.0007	.0013	.0003	.0152	.0023

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0001	-.0020	.0000	-.0002	.2402	-.0030
SDev	.0008	.0000	.0042	.0001	.0001	.0532	.0036
%RSD	94.34	1.516	210.9	189.5	33.67	22.17	119.2
#1	-.0003	.0001	.0010	-.0000	-.0002	.2025	-.0005
#2	-.0014	.0001	-.0049	.0001	-.0002	.2778	-.0056

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0084	-.0018	.0021	.0006	-.0043	.0041
SDev	.0017	.0071	.0021	.0016	.0022	.0003	.0022
%RSD	2825.	84.51	116.3	74.38	397.0	6.926	52.89
#1	-.0011	-.0034	-.0003	.0010	.0021	-.0041	.0057
#2	.0013	-.0134	-.0033	.0033	-.0010	-.0045	.0026

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.21	-.0005	-.0008	-.0023	.0008	-.0007	-.0013
SDev	.26	.0049	.0020	.0018	.0004	.0003	.0017
%RSD	.2638	921.7	244.7	80.75	42.89	38.93	131.9
#1	99.40	.0030	-.0023	-.0010	.0006	-.0005	-.0026
#2	99.03	-.0040	.0006	-.0036	.0011	-.0009	-.0001

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0033	.0000	.0020	-.0108	.0004	-.0024
SDev	.0000	.0012	.0000	.0001	.0180	.0002	.0005
%RSD	387.5	35.68	46.17	7.137	166.8	42.55	20.94
#1	.0000	.0041	.0000	.0019	.0019	.0005	-.0028
#2	-.0000	.0024	.0001	.0021	-.0235	.0003	-.0021

010307

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	-.0002	.0002
SDev	.0000	.0001	.0001
%RSD	.3702	59.48	48.99
#1	.0000	-.0001	.0003
#2	.0000	-.0003	.0001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1024517	10000	--	--	--	--	--
SDev	2681.349	.0000000	--	--	--	--	--
%RSD	.2617183	.0000000	--	--	--	--	--
#1	1026413	10000	--	--	--	--	--
#2	1022621	10000	--	--	--	--	--

Method: DAILY2 Sample Name: cri Operator:
Run Time: 07/07/06 20:54:40 010308
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0198	.0909	.0199	.0999	.0206	.0100	-.0017
SDev	.0019	.0070	.0001	.0003	.0000	.0001	.0033
%RSD	9.324	7.690	.3198	.3328	.1512	.5052	194.8
#1	.0185	.0860	.0198	.1001	.0206	.0100	-.0040
#2	.0211	.0959	.0199	.0996	.0206	.0100	.0006
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	.0300		.0300	.1500	.0300	.0150	
Low	.0100		.0100	.0500	.0100	.0050	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0022	.0100	.1021	.0205	.0499	.1028	-.0053
SDev	.0032	.0007	.0015	.0013	.0001	.0360	.0448
%RSD	145.3	6.775	1.441	6.428	.3012	35.03	847.7
#1	-.0045	.0095	.1011	.0195	.0498	.0773	-.0369
#2	.0001	.0105	.1031	.0214	.0501	.1283	.0264
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High		.0150	.1500	.0300	.0750	.1500	
Low		.0050	.0500	.0100	.0250	.0500	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0683	.0001	.0305	.0204	.2044	-.0039
SDev	.0025	.0001	.0157	.0001	.0006	.4396	.0077
%RSD	325.1	.0894	15880.	.4551	3.037	215.1	196.6
#1	-.0025	.0683	-.0110	.0304	.0200	-.1064	-.0094
#2	.0010	.0683	.0112	.0306	.0208	.5153	.0015
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High		.1500		.0450	.0300		
Low		.0500		.0150	.0100		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0823	.0981	.0060	.0057	-.0011	-.0052	.1270
SDev	.0010	.0056	.0055	.0049	.0073	.0106	.0030
%RSD	1.168	5.764	91.03	85.09	658.7	202.6	2.351
#1	.0816	.0941	.0021	.0092	-.0063	-.0127	.1249
#2	.0830	.1021	.0099	.0023	.0040	.0023	.1291
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	.1200	.1500					.1800
Low	.0400	.0500					.0600

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010309

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.30	.0127	.0090	.1009	.0058	.0103	.1029
SDev	.50	.0033	.0019	.0073	.0014	.0023	.0044
%RSD	.4998	25.64	20.52	7.273	24.27	22.62	4.318
#1	99.65	.0150	.0103	.0957	.0068	.0119	.0998
#2	98.94	.0104	.0077	.1061	.0048	.0086	.1060
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.1500	.0090	.0150	.1500
Low				.0500	.0030	.0050	.0500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0208	.0066	.0192	.0173	.1670	.1003	-.0007
SDev	.0000	.0015	.0001	.0014	.0887	.0010	.0025
%RSD	.0210	22.37	.7186	7.908	53.11	.9618	336.1
#1	.0208	.0077	.0191	.0183	.1043	.0996	-.0025
#2	.0208	.0056	.0193	.0163	.2297	.1010	.0010
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	.0300		.0300	.0300		.1500	
Low	.0100		.0100	.0100		.0500	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0415	.0912
SDev	.0002	.0004	.0008
%RSD	155.2	.9613	.8431
#1	-.0000	.0412	.0907
#2	.0003	.0418	.0918
Errors	NOCHECK	LC Pass	NOCHECK
High		.0600	
Low		.0200	

010310

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1025402	10000	--	--	--	--	--
SDev	5067.834	.0000000	--	--	--	--	--
%RSD	.4942288	.0000000	--	--	--	--	--
#1	1028986	10000	--	--	--	--	--
#2	1021819	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsa Operator:
Run Time: 07/07/06 20:59:30 010311
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	509.3	-.0026	-.0176	.0025	.0001	-.0070
SDev	.0002	.5	.0004	.0003	.0001	.0000	.0002
%RSD	31.54	.0981	15.53	1.847	3.213	4.364	3.080
#1	-.0005	508.9	-.0029	-.0173	.0025	.0001	-.0069
#2	-.0008	509.7	-.0023	-.0178	.0026	.0001	-.0072
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		600.0					
Low		400.0					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	462.0	.0024	-.0003	-.0002	.0023	191.2	-.0429
SDev	3.4	.0001	.0007	.0008	.0007	.7	.0199
%RSD	.7419	4.131	202.1	464.0	30.84	.3447	46.50
#1	464.4	.0024	.0001	.0004	.0029	191.7	-.0288
#2	459.6	.0025	-.0008	-.0007	.0018	190.7	-.0570
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	600.0					240.0	
Low	400.0					160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0025	.0005	536.1	.0066	-.0022	.3175	-.0064
SDev	.0015	.0001	2.2	.0001	.0002	.2366	.0022
%RSD	60.70	11.40	.4135	1.600	9.426	74.53	34.83
#1	.0035	.0005	537.6	.0066	-.0023	.4848	-.0080
#2	.0014	.0005	534.5	.0067	-.0020	.1502	-.0048
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			600.0				
Low			400.0				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	-.0243	.0162	-.0043	-.0075	.0247	-.0004
SDev	.0004	.0134	.0045	.0029	.0037	.0040	.0008
%RSD	41.27	55.05	27.47	67.35	49.17	16.37	200.0
#1	.0008	-.0148	.0194	-.0063	-.0049	.0275	.0002
#2	.0014	-.0337	.0131	-.0023	-.0100	.0218	-.0010
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010312

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.95	.0047	-.0045	.0259	.0026	-.0014	-.0021
SDev	.91	.0039	.0029	.0021	.0004	.0033	.0010
%RSD	1.010	84.53	65.85	7.985	17.45	230.1	50.91
#1	89.30	.0074	-.0024	.0244	.0022	.0009	-.0013
#2	90.59	.0019	-.0066	.0273	.0029	-.0037	-.0028
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0168	-.0138	-.0003	.0044	-.0949	-.0005	-.0038
SDev	.0000	.0025	.0000	.0013	.0426	.0004	.0014
%RSD	.1387	17.96	10.30	29.56	44.86	94.54	35.70
#1	.0168	-.0156	-.0004	.0035	-.0648	-.0008	-.0029
#2	.0168	-.0121	-.0003	.0053	-.1250	-.0001	-.0048
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.0073	-.0007
SDev	.0000	.0003	.0004
%RSD	5.371	3.925	53.67
#1	-.0001	.0071	-.0004
#2	-.0002	.0075	-.0009
Errors	NOCHECK	NOCHECK	NOCHECK
High			
Low			

010313

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	928952	10000	--	--	--	--	--
SDev	9364.215	.0000000	--	--	--	--	--
%RSD	1.008041	.0000000	--	--	--	--	--
#1	922330	10000	--	--	--	--	--
#2	935573	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsab Operator: 010314
Run Time: 07/07/06 21:04:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.105	503.5	1.052	1.020	.5497	.4985	.0001
SDev	.001	1.2	.000	.010	.0021	.0016	.0008
%RSD	.1222	.2340	.0270	.9503	.3891	.3283	917.8
#1	1.104	502.7	1.052	1.013	.5482	.4997	.0007
#2	1.106	504.4	1.052	1.027	.5512	.4974	-.0005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	1.200	600.0	1.200	1.200	.6000	.6000	
Low	.8000	400.0	.8000	.8000	.4000	.4000	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	457.2	.9701	.4905	.4977	.5664	189.3	-.0303
SDev	3.8	.0036	.0016	.0037	.0047	.8	.0291
%RSD	.8286	.3724	.3344	.7430	.8321	.4037	95.93
#1	459.9	.9727	.4917	.5003	.5630	189.9	-.0098
#2	454.5	.9676	.4894	.4951	.5697	188.8	-.0509
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	600.0	1.200	.6000	.6000	.6000	240.0	
Low	400.0	.8000	.4000	.4000	.4000	160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0026	H1.254	531.8	.5060	1.021	.4837	-.0114
SDev	.0018	.007	1.7	.0014	.001	.2727	.0003
%RSD	68.48	.5770	.3230	.2826	.1114	56.38	2.509
#1	.0038	H1.249	533.0	.5070	1.022	.6765	-.0112
#2	.0013	H1.259	530.6	.5050	1.020	.2909	-.0116
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High		1.200	600.0	.6000	1.200		
Low		.8000	400.0	.4000	.8000		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9527	1.034	1.018	.9878	-.0054	.0209	1.044
SDev	.0044	.001	.004	.0080	.0041	.0080	.014
%RSD	.4573	.1071	.4211	.8106	74.49	38.42	1.369
#1	.9558	1.035	1.021	.9934	-.0026	.0152	1.034
#2	.9496	1.033	1.015	.9821	-.0083	.0265	1.054
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.200	1.200					1.200
Low	.8000	.8000					.8000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010315

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.04	1.018	1.012	1.062	.9978	1.014	1.042
SDev	.99	.010	.001	.002	.0068	.004	.003
%RSD	1.099	.9613	.0941	.1493	.6782	.3843	.2835
#1	89.34	1.025	1.013	1.061	1.003	1.017	1.040
#2	90.74	1.011	1.012	1.063	.9930	1.012	1.044
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High					1.200	1.200	1.200
Low					.8000	.8000	.8000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.075	-.0167	.9655	1.012	.8716	.5020	.0029
SDev	.003	.0133	.0009	.008	.0391	.0017	.0061
%RSD	.2453	79.62	.0892	.7936	4.487	.3389	208.7
#1	1.073	-.0073	.9661	1.006	.8993	.5032	-.0014
#2	1.077	-.0261	.9649	1.017	.8440	.5008	.0072
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	1.200		1.200	1.200		.6000	
Low	.8000		.8000	.8000		.4000	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.9538	.9079
SDev	.0002	.0106	.0010
%RSD	29.22	1.112	.1055
#1	-.0005	.9613	.9073
#2	-.0008	.9463	.9086
Errors	NOCHECK	LC Pass	NOCHECK
High		1.200	
Low		.8000	

010316

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	929926	10000	--	--	--	--	--
SDev	10261.53	.0000000	--	--	--	--	--
%RSD	1.103479	.0000000	--	--	--	--	--
#1	922670	10000	--	--	--	--	--
#2	937182	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccv4 Operator: 010317
Run Time: 07/07/06 21:09:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9853	9.953	5.104	4.931	10.16	.9862	5.021
SDev	.0001	.009	.016	.026	.03	.0034	.002
%RSD	.0060	.0888	.3141	.5343	.3095	.3395	.0308
#1	.9852	9.947	5.115	4.912	10.14	.9886	5.022
#2	.9853	9.959	5.093	4.950	10.19	.9838	5.020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.06	.9972	5.057	1.985	2.048	10.40	18.76
SDev	.11	.0058	.025	.011	.009	.10	.08
%RSD	.5321	.5779	.4968	.5408	.4629	.9168	.4378
#1	20.14	1.001	5.075	1.993	2.041	10.47	18.70
#2	19.99	.9931	5.039	1.978	2.055	10.34	18.81
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.968	4.862	19.96	1.009	5.054	28.10	H41.01
SDev	.012	.001	.09	.004	.015	.10	.02
%RSD	.2358	.0184	.4716	.4116	.3013	.3456	.0525
#1	4.959	4.861	20.03	1.012	5.065	28.03	H41.03
#2	4.976	4.863	19.90	1.006	5.043	28.17	H41.00
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.957	5.074	5.017	5.013	1.014	1.016	.9864
SDev	.030	.009	.038	.019	.005	.000	.0037
%RSD	.6145	.1749	.7505	.3746	.5169	.0178	.3752
#1	4.978	5.080	5.044	5.026	1.011	1.016	.9838
#2	4.935	5.067	4.991	5.000	1.018	1.017	.9891
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010318

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.79	5.252	5.203	5.043	5.015	5.220	5.093
SDev	1.15	.026	.020	.006	.025	.005	.025
%RSD	1.165	.4997	.3919	.1178	.5000	.0928	.4993
#1	97.98	5.270	5.189	5.047	5.032	5.216	5.111
#2	99.61	5.233	5.218	5.039	4.997	5.223	5.075
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.104	.9880	4.804	5.244	.9626	4.971	H1.198
SDev	.012	.0124	.005	.000	.0159	.012	.006
%RSD	.2372	1.253	.1087	.0005	1.657	.2325	.4799
#1	5.095	.9968	4.807	5.244	.9514	4.980	H1.202
#2	5.112	.9793	4.800	5.244	.9739	4.963	H1.194
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	5.044	1.012	4.770				
SDev	.002	.012	.014				
%RSD	.0452	1.176	.2928				
#1	5.042	1.021	4.760				
#2	5.046	1.004	4.780				
Errors	LC Pass	LC Pass	LC Pass				
High	5.500	1.100	5.500				
Low	4.500	.9000	4.500				

010319

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1020260	10000	--	--	--	--	--
SDev	11824.95	.0000000	--	--	--	--	--
%RSD	1.159013	.0000000	--	--	--	--	--
#1	1011899	10000	--	--	--	--	--
#2	1028622	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb4 Operator:
Run Time: 07/07/06 21:13:50 010320
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	-.0102	-.0025	.0066	-.0000	-.0000	-.0054
SDev	.0006	.0022	.0014	.0017	.0000	.0000	.0003
%RSD	52.08	21.76	56.27	25.65	8.056	59.91	6.346
#1	-.0015	-.0118	-.0034	.0078	-.0000	-.0000	-.0051
#2	-.0007	-.0087	-.0015	.0054	-.0000	-.0000	-.0056
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0000	-.0005	-.0002	-.0001	-.0023	-.0102
SDev	.0010	.0002	.0004	.0003	.0002	.0040	.0145
%RSD	749.3	580.9	66.66	127.6	159.9	170.6	142.2
#1	-.0006	.0001	-.0008	-.0000	.0000	.0005	-.0205
#2	.0009	-.0002	-.0003	-.0004	-.0003	-.0051	.0001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0017	.0001	-.0064	.0001	.0009	H.1236	-.0041
SDev	.0005	.0001	.0053	.0000	.0001	.1629	.0034
%RSD	31.50	110.5	82.15	52.54	6.934	131.8	84.28
#1	-.0021	.0000	-.0101	.0000	.0010	.0084	-.0016
#2	-.0013	.0001	-.0027	.0001	.0009	H.2388	-.0065
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	-.0063	-.0032	.0008	-.0029	-.0043	.0030
SDev	.0008	.0026	.0007	.0011	.0020	.0052	.0010
%RSD	207.7	40.48	20.70	128.9	69.15	119.9	33.09
#1	.0010	-.0045	-.0036	.0016	-.0043	-.0080	.0023
#2	-.0002	-.0081	-.0027	.0001	-.0015	-.0007	.0037
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010321

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.65	.0000	.0007	-.0031	-.0005	.0005	.0009
SDev	1.18	.0046	.0007	.0030	.0005	.0011	.0028
%RSD	1.185	18190.	97.78	99.36	106.8	216.0	325.1
#1	100.5	.0033	.0002	-.0052	-.0001	.0013	.0028
#2	98.81	-.0032	.0012	-.0009	-.0008	-.0003	-.0011
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0037	-.0001	.0031	-.0565	.0004	-.0029
SDev	.0000	.0006	.0001	.0007	.0057	.0001	.0031
%RSD	14.02	17.04	49.30	21.76	10.04	25.53	107.5
#1	-.0000	.0042	-.0001	.0036	-.0605	.0004	-.0050
#2	-.0000	.0033	-.0002	.0026	-.0525	.0005	-.0007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	-.0004	-.0004
SDev	.0000	.0002	.0000
%RSD	139.9	36.24	1.566
#1	-.0001	-.0006	-.0004
#2	-.0000	-.0003	-.0004
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010322

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1029060	10000	--	--	--	--	--
SDev	12229.41	.0000000	--	--	--	--	--
%RSD	1.188407	.0000000	--	--	--	--	--
#1	1037707	10000	--	--	--	--	--
#2	1020412	10000	--	--	--	--	--

Method: DAILY2 Sample Name: pbw-G07H2 Operator:
Run Time: 07/07/06 21:18:36
Comment:
Mode: CONC Corr. Factor: 1

010323

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0073	-.0020	.0057	.0001	-.0000	-.0058
SDev	.0005	.0060	.0010	.0007	.0000	.0000	.0031
%RSD	80.32	81.46	52.03	12.14	33.08	86.46	53.80
#1	-.0011	.0031	-.0013	.0062	.0001	-.0001	-.0080
#2	-.0003	.0115	-.0027	.0052	.0002	-.0000	-.0036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0325	-.0003	.0003	.0007	.0007	.0104	-.0056
SDev	.0018	.0002	.0001	.0006	.0005	.0096	.0166
%RSD	5.526	74.82	45.36	83.43	70.08	92.14	294.5
#1	.0312	-.0005	.0002	.0003	.0003	.0036	-.0173
#2	.0338	-.0001	.0004	.0012	.0010	.0171	.0061
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	.0000	-.0042	.0001	.0007	H.0686	-.0033
SDev	.0007	.0000	.0007	.0001	.0003	.0718	.0046
%RSD	51.68	63.28	17.19	46.99	50.85	104.6	140.9
#1	-.0019	.0000	-.0037	.0001	.0009	.0179	-.0065
#2	-.0009	.0001	-.0047	.0002	.0004	H.1194	-.0000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	-.0040	-.0009	.0044	.0000	-.0044	.0024
SDev	.0002	.0039	.0005	.0001	.0016	.0056	.0026
%RSD	21.56	97.50	52.35	3.115	4411.	127.2	108.2
#1	.0007	-.0068	-.0012	.0045	-.0011	-.0004	.0006
#2	.0009	-.0013	-.0006	.0043	.0012	-.0083	.0043
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010324

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.52	-.0051	.0020	-.0019	.0027	-.0003	.0008
SDev	.39	.0020	.0021	.0020	.0001	.0007	.0016
%RSD	.3892	39.62	103.3	104.6	2.503	217.8	192.1
#1	99.80	-.0037	.0006	-.0034	.0026	-.0009	.0020
#2	99.25	-.0066	.0035	-.0005	.0027	.0002	-.0003
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0048	.0002	.0012	-.0404	.0009	-.0034
SDev	.0000	.0009	.0000	.0029	.0308	.0003	.0011
%RSD	9.417	18.96	13.22	249.7	76.28	29.70	31.55
#1	.0002	.0054	.0002	-.0009	-.0621	.0007	-.0026
#2	.0002	.0042	.0002	.0032	-.0186	.0011	-.0041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	-.0001	.0005
SDev	.0001	.0003	.0002
%RSD	56.84	328.2	47.37
#1	.0001	-.0003	.0003
#2	.0002	.0001	.0007
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010325

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1027825	10000	--	--	--	--	--
SDev	4034.751	.0000000	--	--	--	--	--
%RSD	.3925523	.0000000	--	--	--	--	--
#1	1030678	10000	--	--	--	--	--
#2	1024972	10000	--	--	--	--	--

Method: DAILY2 Sample Name: lcsw-G07H2 Operator: 010326
Run Time: 07/07/06 21:23:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0473	1.927	1.984	.0037	2.002	.0491	-.0057
SDev	.0004	.005	.004	.0008	.005	.0000	.0033
%RSD	.9532	.2541	.2143	21.45	.2455	.0313	58.29
#1	.0470	1.924	1.981	.0043	1.999	.0491	-.0080
#2	.0477	1.930	1.987	.0032	2.006	.0491	-.0033

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.51	.0479	.4900	.1909	.2436	1.107	16.95
SDev	.06	.0002	.0002	.0014	.0007	.035	.09
%RSD	.2832	.3297	.0351	.7258	.2811	3.185	.5520
#1	20.55	.0478	.4898	.1919	.2431	1.082	16.88
#2	20.47	.0480	.4901	.1899	.2440	1.132	17.01

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0023	.0001	20.30	.4915	-.0013	17.62	25.85
SDev	.0003	.0001	.04	.0004	.0006	.29	.03
%RSD	14.13	90.90	.1752	.0793	50.87	1.666	.1213
#1	-.0025	.0000	20.28	.4917	-.0008	17.42	25.83
#2	-.0021	.0002	20.33	.4912	-.0017	17.83	25.87

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4822	4.037	.4780	.4837	-.0053	-.0088	.4910
SDev	.0043	.019	.0018	.0009	.0069	.0077	.0003
%RSD	.8952	.4744	.3701	.1948	129.6	87.06	.0546
#1	.4853	4.024	.4792	.4843	-.0102	-.0143	.4908
#2	.4792	4.051	.4767	.4830	-.0004	-.0034	.4912

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.33	2.030	2.000	3.995	.4818	2.010	-.0005
SDev	1.03	.012	.013	.007	.0012	.005	.0005
%RSD	1.036	.6104	.6686	.1757	.2537	.2401	97.33
#1	98.60	2.039	1.991	3.990	.4827	2.007	-.0009
#2	100.1	2.021	2.009	4.000	.4809	2.013	-.0002

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	-.0155	.0001	2.026	-.0678	.4813	-.0027
SDev	.0000	.0045	.0003	.000	.0471	.0009	.0002
%RSD	3.997	29.21	212.6	.0018	69.43	.1779	7.725
#1	.0008	-.0123	.0004	2.026	-.1010	.4819	-.0025
#2	.0009	-.0187	-.0001	2.026	-.0345	.4806	-.0028

010327

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.4877	-.0000
SDev	.0001	.0020	.0009
%RSD	48.39	.4065	2577.
#1	-.0002	.4891	.0006
#2	-.0003	.4863	-.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1025825	10000	--	--	--	--	--
SDev	10617.92	.0000000	--	--	--	--	--
%RSD	1.035061	.0000000	--	--	--	--	--
#1	1018317	10000	--	--	--	--	--
#2	1033333	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282138 Operator:
Run Time: 07/07/06 21:28:09 010328
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	.0322	.0001	.0170	.0635	-.0000	-.0066
SDev	.0006	.0047	.0008	.0009	.0001	.0000	.0046
%RSD	48.42	14.73	1476.	5.391	.1852	101.6	69.19
#1	-.0015	.0289	-.0005	.0163	.0636	-.0000	-.0098
#2	-.0008	.0356	.0006	.0176	.0634	-.0000	-.0034

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.647	-.0004	-.0003	.0002	.0001	-.0029	.2862
SDev	.004	.0004	.0005	.0001	.0000	.0110	.0162
%RSD	.2364	86.65	188.9	84.04	15.77	379.7	5.650
#1	1.644	-.0007	-.0007	.0001	.0001	-.0107	.2748
#2	1.650	-.0002	.0001	.0003	.0001	.0049	.2977

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0021	.0003	.1374	.0068	.0002	4.590	6.120
SDev	.0014	.0001	.0079	.0001	.0001	.065	.002
%RSD	67.99	14.30	5.765	1.885	48.67	1.417	.0378
#1	-.0031	.0003	.1318	.0067	.0001	4.544	6.118
#2	-.0011	.0004	.1430	.0069	.0003	4.636	6.121

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0245	-.0054	.0043	-.0033	.9353	.0016
SDev	.0010	.0009	.0021	.0039	.0035	.0102	.0010
%RSD	319.0	3.754	39.40	91.61	104.8	1.089	65.47
#1	-.0010	.0251	-.0069	.0015	-.0058	.9281	.0023
#2	.0004	.0238	-.0039	.0071	-.0009	.9425	.0008

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.7	-.0059	.0015	1.387	.0011	-.0009	-.0006
SDev	.2	.0020	.0018	.001	.0033	.0019	.0001
%RSD	.1597	34.47	120.3	.0724	314.7	202.7	9.818
#1	100.8	-.0045	.0028	1.386	-.0013	.0004	-.0005
#2	100.6	-.0073	.0002	1.388	.0034	-.0023	-.0006

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0033	.0027	.0001	-.0013	-.0583	.0006	-.0051
SDev	.0001	.0011	.0001	.0018	.0360	.0003	.0012
%RSD	1.610	39.94	85.51	140.3	61.73	53.50	24.25
#1	.0033	.0035	.0000	-.0000	-.0837	.0004	-.0059
#2	.0034	.0020	.0001	-.0026	-.0329	.0009	-.0042

010329

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0331	-.0001
SDev	.0001	.0001	.0003
%RSD	104.0	.3293	394.6
#1	.0000	.0332	-.0003
#2	.0002	.0331	.0001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1039674	10000	--	--	--	--	--
SDev	1713.320	.0000000	--	--	--	--	--
%RSD	.1647940	.0000000	--	--	--	--	--
#1	1040885	10000	--	--	--	--	--
#2	1038462	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282138d Operator:
Run Time: 07/07/06 21:32:55
Comment:
Mode: CONC Corr. Factor: 1

010330

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0427	-.0013	.0161	.0634	.0000	-.0064
SDev	.0006	.0026	.0013	.0000	.0001	.0000	.0033
%RSD	77.30	6.120	105.7	.1642	.1710	2286.	50.97
#1	-.0003	.0446	-.0022	.0161	.0633	.0000	-.0041
#2	-.0012	.0409	-.0003	.0160	.0635	-.0000	-.0088

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.653	-.0004	.0001	.0012	.0006	.0103	.3019
SDev	.009	.0001	.0010	.0002	.0001	.0178	.0115
%RSD	.5290	16.91	1285.	12.92	11.85	173.3	3.826
#1	1.659	-.0003	.0008	.0013	.0006	.0229	.3100
#2	1.647	-.0004	-.0006	.0011	.0005	-.0023	.2937

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0016	.0003	.1397	.0067	-.0000	4.671	6.097
SDev	.0007	.0000	.0043	.0001	.0006	.060	.022
%RSD	44.77	11.75	3.084	1.110	1340.	1.293	.3530
#1	-.0011	.0003	.1427	.0067	-.0005	4.713	6.082
#2	-.0022	.0003	.1366	.0068	.0004	4.628	6.112

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0277	-.0074	.0042	-.0017	.9398	.0058
SDev	.0010	.0099	.0006	.0013	.0021	.0095	.0022
%RSD	141.1	35.81	7.797	31.21	118.0	1.011	38.23
#1	.0000	.0347	-.0078	.0051	-.0003	.9465	.0074
#2	.0015	.0207	-.0070	.0032	-.0032	.9331	.0042

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.5	-.0007	.0006	1.385	.0003	.0002	.0000
SDev	.5	.0016	.0018	.003	.0007	.0007	.0005
%RSD	.5462	228.8	284.7	.1934	215.9	334.6	2976.
#1	100.1	-.0018	.0019	1.383	.0008	.0007	.0004
#2	100.9	.0004	-.0007	1.387	-.0002	-.0003	-.0004

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0033	.0052	.0003	.0005	-.0546	.0011	-.0048
SDev	.0000	.0009	.0000	.0023	.0211	.0000	.0007
%RSD	.8617	17.01	3.015	472.5	38.63	3.285	14.25
#1	.0034	.0045	.0002	.0021	-.0397	.0011	-.0043
#2	.0033	.0058	.0003	-.0011	-.0695	.0012	-.0053

010331

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0334	.0004
SDev	.0001	.0001	.0001
%RSD	70.95	.3852	35.48
#1	.0002	.0335	.0005
#2	.0001	.0333	.0003

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1037684	10000	--	--	--	--	--
SDev	5639.884	.0000000	--	--	--	--	--
%RSD	.5435069	.0000000	--	--	--	--	--
#1	1033696	10000	--	--	--	--	--
#2	1041672	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282139 Operator:
Run Time: 07/07/06 21:37:43
Comment:
Mode: CONC Corr. Factor: 1

010332

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0141	-.0028	.0176	.0652	-.0000	-.0005
SDev	.0003	.0007	.0023	.0006	.0000	.0000	.0049
%RSD	62.32	5.260	81.39	3.324	.0056	158.8	1036.
#1	.0006	.0146	-.0012	.0181	.0652	.0000	.0030
#2	.0002	.0136	-.0044	.0172	.0652	-.0000	-.0039

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.594	.0001	.0007	.0005	.0004	.0170	.2986
SDev	.001	.0002	.0008	.0007	.0000	.0245	.0181
%RSD	.0714	135.2	121.6	128.0	9.726	143.6	6.067
#1	1.593	.0002	.0012	.0001	.0004	.0343	.3114
#2	1.595	.0000	.0001	.0010	.0003	-.0003	.2858

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0004	.1394	.0051	-.0007	4.813	6.087
SDev	.0006	.0000	.0013	.0001	.0016	.016	.015
%RSD	165.6	7.862	.8999	2.064	240.9	.3360	.2518
#1	.0001	.0004	.1403	.0051	-.0018	4.802	6.076
#2	-.0008	.0004	.1385	.0052	.0005	4.825	6.098

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0215	-.0016	.0031	.0012	.9445	.0010
SDev	.0005	.0028	.0000	.0004	.0028	.0107	.0028
%RSD	54.76	13.18	2.023	11.81	230.5	1.137	267.4
#1	.0012	.0195	-.0016	.0034	.0032	.9369	-.0009
#2	.0005	.0235	-.0016	.0029	-.0008	.9521	.0030

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.83	-.0005	.0019	1.368	.0016	.0011	.0007
SDev	.36	.0038	.0006	.002	.0003	.0017	.0013
%RSD	.3636	746.1	30.33	.1674	16.38	148.7	175.4
#1	100.1	-.0032	.0015	1.366	.0017	-.0001	-.0002
#2	99.57	.0022	.0023	1.369	.0014	.0023	.0016

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0033	.0035	.0002	-.0013	.0024	.0006	-.0018
SDev	.0000	.0035	.0001	.0015	.0348	.0003	.0007
%RSD	.8539	100.6	38.89	113.1	1476.	47.15	37.15
#1	.0033	.0010	.0001	-.0003	.0269	.0004	-.0013
#2	.0033	.0060	.0002	-.0024	-.0222	.0008	-.0023

010333

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0354	.0006
SDev	.0002	.0002	.0002
%RSD	141.9	.4423	28.75
#1	-.0000	.0353	.0005
#2	.0002	.0355	.0008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1030969	10000	--	--	--	--	--
SDev	3725.039	.0000000	--	--	--	--	--
%RSD	.3613143	.0000000	--	--	--	--	--
#1	1033603	10000	--	--	--	--	--
#2	1028335	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282139s Operator: 010334
Run Time: 07/07/06 21:42:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0468	1.926	1.971	.0154	2.056	.0487	-.0044
SDev	.0016	.000	.005	.0015	.008	.0001	.0110
%RSD	3.356	.0074	.2362	9.752	.3910	.1831	247.7
#1	.0457	1.927	1.967	.0144	2.062	.0487	-.0122
#2	.0479	1.926	1.974	.0165	2.051	.0488	.0033

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.78	.0478	.4894	.1904	.2417	1.094	17.73
SDev	.13	.0002	.0004	.0024	.0012	.022	.05
%RSD	.5861	.4204	.0893	1.253	.4860	2.041	.3092
#1	21.69	.0476	.4891	.1887	.2425	1.078	17.77
#2	21.87	.0479	.4897	.1921	.2409	1.110	17.69

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0030	.0004	20.22	.4930	-.0009	22.89	33.22
SDev	.0021	.0001	.01	.0005	.0001	.02	.06
%RSD	69.28	13.42	.0730	.1016	9.057	.0703	.1724
#1	-.0044	.0004	20.21	.4926	-.0008	22.90	33.26
#2	-.0015	.0005	20.23	.4934	-.0009	22.88	33.17

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4767	4.043	.4773	.4761	-.0048	.9520	.4860
SDev	.0002	.002	.0022	.0018	.0034	.0174	.0079
%RSD	.0431	.0398	.4563	.3691	71.32	1.827	1.631
#1	.4768	4.044	.4788	.4748	-.0073	.9397	.4804
#2	.4765	4.041	.4757	.4773	-.0024	.9643	.4916

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.56	2.000	2.012	5.383	.4765	2.008	-.0013
SDev	.94	.018	.006	.004	.0004	.002	.0007
%RSD	.9435	.9000	.3113	.0735	.0925	.0908	53.92
#1	100.2	1.987	2.016	5.386	.4762	2.007	-.0018
#2	98.90	2.012	2.007	5.380	.4768	2.009	-.0008

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0038	-.0178	-.0001	2.018	-.0996	.4789	-.0045
SDev	.0001	.0017	.0004	.007	.0952	.0011	.0013
%RSD	1.678	9.578	411.7	.3371	95.59	.2227	29.15
#1	.0038	-.0166	-.0003	2.023	-.1669	.4782	-.0055
#2	.0039	-.0190	.0002	2.014	-.0323	.4797	-.0036

010335

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.5198	-.0008
SDev	.0003	.0045	.0017
%RSD	95.60	.8680	220.4
#1	-.0006	.5166	-.0020
#2	-.0001	.5230	.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1028236	10000	--	--	--	--	--
SDev	9620.895	.0000000	--	--	--	--	--
%RSD	.9356699	.0000000	--	--	--	--	--
#1	1035039	10000	--	--	--	--	--
#2	1021433	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282140 Operator:
Run Time: 07/07/06 21:47:15
Comment:
Mode: CONC Corr. Factor: 1

010336

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0130	-.0003	.0114	.0536	.0000	.0007
SDev	.0021	.0084	.0017	.0019	.0000	.0000	.0085
%RSD	384.1	65.28	521.2	16.68	.0732	1674.	1188.
#1	-.0009	.0070	-.0016	.0101	.0536	-.0000	-.0053
#2	.0020	.0189	.0009	.0128	.0536	.0000	.0067

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.529	.0002	.0009	.0016	.0006	.0483	.4116
SDev	.013	.0003	.0019	.0013	.0008	.0616	.0606
%RSD	.8330	178.9	203.3	79.63	120.5	127.5	14.73
#1	1.520	-.0000	-.0004	.0007	.0001	.0047	.3687
#2	1.538	.0004	.0022	.0025	.0012	.0919	.4545

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0004	.1355	.0029	.0001	4.789	6.050
SDev	.0031	.0001	.0160	.0001	.0003	.528	.009
%RSD	2160.	38.46	11.79	2.751	309.5	11.03	.1406
#1	-.0024	.0003	.1242	.0028	.0003	4.416	6.056
#2	.0021	.0005	.1468	.0030	-.0001	5.163	6.044

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0247	-.0016	.0030	.0021	.9394	.0064
SDev	.0008	.0022	.0070	.0044	.0108	.0081	.0017
%RSD	359.9	8.809	434.6	148.1	507.2	.8607	26.98
#1	-.0004	.0231	-.0066	.0061	-.0055	.9337	.0052
#2	.0008	.0262	.0033	-.0001	.0098	.9452	.0076

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.6	-.0026	.0007	1.326	.0015	-.0004	.0002
SDev	1.3	.0023	.0028	.004	.0006	.0011	.0011
%RSD	1.283	88.39	402.4	.2990	42.89	293.7	584.9
#1	101.5	-.0042	.0027	1.323	.0019	.0004	.0010
#2	99.67	-.0010	-.0013	1.328	.0010	-.0012	-.0006

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0031	.0062	.0003	-.0018	.0140	.0015	-.0002
SDev	.0001	.0008	.0002	.0025	.0913	.0013	.0005
%RSD	3.238	13.47	70.24	135.2	650.4	87.03	182.0
#1	.0030	.0056	.0002	-.0036	-.0505	.0006	.0001
#2	.0032	.0068	.0005	-.0001	.0786	.0024	-.0006

010337

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0137	.0010
SDev	.0002	.0005	.0018
%RSD	102.9	3.511	174.6
#1	.0001	.0133	-.0002
#2	.0003	.0140	.0023

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1038774	10000	--	--	--	--	--
SDev	13324.72	.0000000	--	--	--	--	--
%RSD	1.282735	.0000000	--	--	--	--	--
#1	1048196	10000	--	--	--	--	--
#2	1029352	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282141 Operator: 010338
Run Time: 07/07/06 21:52:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0040	-.0020	.0090	.0506	-.0000	-.0047
SDev	.0007	.0043	.0012	.0001	.0001	.0000	.0004
%RSD	92.41	105.5	59.05	1.070	.2855	172.9	8.133
#1	-.0002	.0070	-.0028	.0089	.0505	.0000	-.0050
#2	-.0012	.0010	-.0011	.0091	.0507	-.0000	-.0045

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.543	-.0003	-.0004	-.0006	-.0003	.0044	.2798
SDev	.000	.0002	.0002	.0005	.0001	.0211	.0038
%RSD	.0174	63.36	46.86	86.64	29.16	485.3	1.361
#1	1.543	-.0001	-.0003	-.0009	-.0004	.0193	.2825
#2	1.544	-.0004	-.0005	-.0002	-.0003	-.0106	.2771

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0016	.0003	.1216	.0018	-.0006	4.556	6.019
SDev	.0014	.0000	.0061	.0001	.0003	.223	.001
%RSD	82.03	3.377	5.000	4.417	49.46	4.895	.0136
#1	-.0007	.0003	.1259	.0017	-.0004	4.714	6.020
#2	-.0026	.0003	.1173	.0018	-.0008	4.398	6.019

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0233	-.0057	.0038	-.0011	.9546	.0014
SDev	.0014	.0009	.0037	.0004	.0026	.0017	.0011
%RSD	207.4	4.061	65.34	11.48	225.0	.1735	81.55
#1	-.0016	.0226	-.0083	.0042	.0007	.9557	.0006
#2	.0003	.0240	-.0031	.0035	-.0030	.9534	.0022

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.0	-.0045	.0029	1.300	.0007	.0004	.0005
SDev	.1	.0008	.0003	.005	.0009	.0001	.0010
%RSD	.0936	17.63	10.70	.4075	140.7	13.35	185.0
#1	101.0	-.0051	.0031	1.304	.0000	.0004	-.0002
#2	101.1	-.0040	.0027	1.296	.0013	.0005	.0012

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0030	.0025	-.0001	.0004	-.0524	.0002	-.0040
SDev	.0000	.0019	.0001	.0042	.0392	.0004	.0011
%RSD	1.235	74.37	106.2	1122.	74.80	248.4	27.75
#1	.0030	.0012	-.0001	-.0026	-.0247	-.0001	-.0032
#2	.0030	.0039	-.0000	.0033	-.0802	.0005	-.0048

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0077	-.0005
SDev	.0001	.0000	.0001
%RSD	67.11	.0866	16.93
#1	-.0002	.0077	-.0006
#2	-.0001	.0077	-.0005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1043529	10000	--	--	--	--	--
SDev	1011.163	.0000000	--	--	--	--	--
%RSD	.0968984	.0000000	--	--	--	--	--
#1	1042814	10000	--	--	--	--	--
#2	1044244	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282142 Operator: **010340**
Run Time: 07/07/06 21:56:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0015	-.0021	-.0002	.0091	.0535	-.0001	-.0056
SDev	.0001	.0014	.0011	.0011	.0003	.0000	.0023
%RSD	4.510	70.26	484.7	12.61	.5516	8.669	41.43
#1	-.0015	-.0010	-.0010	.0083	.0533	-.0001	-.0073
#2	-.0016	-.0031	.0005	.0099	.0537	-.0001	-.0040

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.476	-.0004	-.0003	-.0003	-.0000	-.0173	.2530
SDev	.001	.0001	.0006	.0010	.0006	.0108	.0032
%RSD	.0526	32.56	200.0	390.1	2880.	62.24	1.270
#1	1.477	-.0003	-.0007	-.0010	-.0004	-.0097	.2553
#2	1.476	-.0005	.0001	.0005	.0004	-.0249	.2507

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0026	.0001	.1091	.0013	-.0000	4.263	6.004
SDev	.0003	.0000	.0021	.0001	.0002	.123	.009
%RSD	10.77	.8333	1.966	7.861	568.2	2.895	.1458
#1	-.0024	.0001	.1075	.0013	-.0002	4.176	5.998
#2	-.0028	.0001	.1106	.0014	.0001	4.351	6.010

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0180	.0017	.0009	-.0070	.9413	.0011
SDev	.0010	.0061	.0047	.0025	.0005	.0068	.0028
%RSD	1016.	33.84	270.7	263.4	7.272	.7263	262.8
#1	-.0008	.0224	.0050	-.0008	-.0066	.9365	-.0009
#2	.0006	.0137	-.0016	.0027	-.0074	.9462	.0030

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.1	.0047	-.0026	1.283	.0012	-.0001	.0004
SDev	.3	.0058	.0010	.002	.0001	.0013	.0018
%RSD	.2570	123.1	37.31	.1850	7.409	857.9	489.7
#1	100.9	.0088	-.0033	1.281	.0012	.0008	-.0009
#2	101.3	.0006	-.0019	1.285	.0013	-.0011	.0016

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0029	.0029	.0000	.0005	-.0831	.0002	-.0034
SDev	.0000	.0044	.0002	.0048	.0019	.0009	.0012
%RSD	.1032	149.5	834.0	964.9	2.276	369.2	35.88
#1	.0029	-.0002	-.0001	-.0029	-.0844	-.0004	-.0025
#2	.0029	.0061	.0002	.0039	-.0817	.0009	-.0042

010341

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0065	-.0006
SDev	.0001	.0000	.0010
%RSD	247.1	.2679	167.1
#1	-.0001	.0065	-.0014
#2	.0000	.0065	.0001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1043994	10000	--	--	--	--	--
SDev	2753.474	.0000000	--	--	--	--	--
%RSD	.2637442	.0000000	--	--	--	--	--
#1	1042047	10000	--	--	--	--	--
#2	1045941	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: 282143 Operator:
Run Time: 07/07/06 22:01:38 **010342**
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0077	-.0009	.0091	.0517	-.0000	-.0058
SDev	.0003	.0008	.0018	.0007	.0001	.0000	.0030
%RSD	34.06	11.05	203.1	7.470	.2559	74.03	52.06
#1	-.0009	.0071	-.0021	.0086	.0518	-.0001	-.0037
#2	-.0006	.0083	.0004	.0096	.0516	-.0000	-.0080

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.469	-.0005	-.0004	-.0002	-.0004	-.0006	.2375
SDev	.002	.0003	.0005	.0009	.0003	.0069	.0070
%RSD	.1144	66.15	129.4	402.5	95.47	1161.	2.964
#1	1.468	-.0007	-.0000	-.0008	-.0006	-.0055	.2325
#2	1.470	-.0003	-.0007	.0004	-.0001	.0043	.2425

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0016	.0002	.1153	.0008	.0001	4.482	6.007
SDev	.0005	.0000	.0030	.0000	.0012	.087	.022
%RSD	33.69	12.33	2.594	2.937	1410.	1.951	.3597
#1	-.0019	.0002	.1174	.0007	-.0008	4.420	6.022
#2	-.0012	.0002	.1132	.0008	.0010	4.544	5.992

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.0191	-.0018	.0005	-.0032	.9541	-.0007
SDev	.0016	.0014	.0024	.0028	.0022	.0014	.0012
%RSD	157.2	7.356	130.3	534.6	68.54	.1447	177.8
#1	-.0001	.0181	-.0001	-.0015	-.0047	.9550	.0002
#2	.0022	.0201	-.0035	.0025	-.0016	.9531	-.0015

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.0	.0030	.0018	1.274	-.0002	.0022	.0006
SDev	.6	.0006	.0002	.002	.0011	.0004	.0018
%RSD	.5797	19.72	13.09	.1279	477.5	15.99	316.0
#1	101.4	.0026	.0017	1.273	-.0010	.0020	-.0007
#2	100.6	.0034	.0020	1.275	.0006	.0025	.0018

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0029	.0037	-.0000	-.0009	-.0479	.0003	-.0026
SDev	.0000	.0004	.0001	.0003	.0171	.0003	.0015
%RSD	.5711	10.94	456.4	40.49	35.58	95.99	59.45
#1	.0029	.0040	-.0001	-.0011	-.0600	.0005	-.0037
#2	.0029	.0034	.0000	-.0006	-.0359	.0001	-.0015

010343

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0052	.0002
SDev	.0001	.0004	.0003
%RSD	1310.	6.861	185.4
#1	-.0001	.0050	-.0001
#2	.0001	.0055	.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1043188	10000	--	--	--	--	--
SDev	6001.215	.0000000	--	--	--	--	--
%RSD	.5752767	.0000000	--	--	--	--	--
#1	1047431	10000	--	--	--	--	--
#2	1038944	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccv5 Operator: 010344
Run Time: 07/07/06 22:06:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9839	9.921	5.130	4.933	10.15	.9877	5.012
SDev	.0003	.025	.010	.001	.02	.0020	.009
%RSD	.0253	.2537	.1934	.0232	.1993	.1984	.1881
#1	.9841	9.939	5.137	4.934	10.17	.9863	5.018
#2	.9837	9.903	5.123	4.932	10.14	.9891	5.005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.12	1.005	5.084	1.991	2.039	10.46	18.66
SDev	.11	.006	.011	.008	.012	.05	.08
%RSD	.5531	.5969	.2079	.4166	.5658	.5131	.4300
#1	20.04	1.000	5.076	1.985	2.047	10.42	18.72
#2	20.20	1.009	5.091	1.997	2.030	10.50	18.61
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.963	4.841	20.00	1.012	5.048	28.03	H40.74
SDev	.010	.009	.06	.002	.010	.16	.12
%RSD	.2100	.1757	.3058	.2268	.1909	.5534	.2845
#1	4.970	4.847	19.96	1.010	5.042	27.92	H40.82
#2	4.956	4.835	20.05	1.013	5.055	28.14	H40.66
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.001	5.073	5.038	5.021	1.012	1.014	.9892
SDev	.000	.017	.025	.047	.003	.012	.0049
%RSD	.0011	.3429	.4926	.9411	.3084	1.211	.4961
#1	5.001	5.061	5.020	4.988	1.009	1.022	.9927
#2	5.001	5.086	5.055	5.054	1.014	1.005	.9858
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010345

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.80	5.221	5.207	5.028	5.027	5.212	5.114
SDev	.95	.003	.047	.009	.040	.031	.013
%RSD	.9497	.0506	.9103	.1720	.7912	.5894	.2480
#1	100.5	5.223	5.174	5.034	4.998	5.190	5.105
#2	99.13	5.219	5.241	5.022	5.055	5.233	5.123
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.084	.9844	4.804	5.271	.9967	4.974	H1.208
SDev	.008	.0021	.000	.009	.0330	.006	.003
%RSD	.1639	.2090	.0033	.1674	3.315	.1305	.2371
#1	5.090	.9830	4.804	5.278	.9733	4.970	H1.206
#2	5.079	.9859	4.804	5.265	1.020	4.979	H1.210
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.039	1.020	4.752
SDev	.010	.009	.008
%RSD	.1936	.8784	.1666
#1	5.046	1.014	4.758
#2	5.032	1.026	4.746
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010346

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1030746	10000	--	--	--	--	--
SDev	9779.994	.0000000	--	--	--	--	--
%RSD	.9488272	.0000000	--	--	--	--	--
#1	1037661	10000	--	--	--	--	--
#2	1023830	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: ccb5 Operator: 010347
Run Time: 07/07/06 22:11:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	-.0080	-.0002	.0062	.0001	-.0000	-.0000
SDev	.0020	.0072	.0004	.0011	.0001	.0000	.0059
%RSD	678.0	89.78	211.5	17.64	56.24	293.3	12450.
#1	.0011	-.0029	-.0004	.0070	.0001	.0000	.0042
#2	-.0017	-.0131	.0001	.0054	.0002	-.0000	-.0043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	-.0003	-.0002	.0008	.0002	.0105	-.0055
SDev	.0019	.0004	.0011	.0012	.0003	.0254	.0252
%RSD	192.3	159.2	523.7	147.4	209.4	240.8	458.3
#1	.0023	.0000	.0006	-.0000	-.0001	.0285	.0123
#2	-.0004	-.0006	-.0010	.0017	.0004	-.0074	-.0233
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	.0001	-.0009	.0001	.0016	H.2355	-.0074
SDev	.0024	.0001	.0162	.0001	.0003	.4318	.0048
%RSD	220.0	72.58	1830.	63.47	20.19	183.3	64.52
#1	.0006	.0002	.0106	.0001	.0018	H.5408	-.0040
#2	-.0028	.0001	-.0123	.0001	.0014	L-.0698	-.0108
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	-.0038	-.0017	.0034	-.0001	-.0006	.0057
SDev	.0003	.0081	.0007	.0016	.0050	.0010	.0014
%RSD	35.86	210.8	38.50	47.37	9224.	159.0	25.58
#1	.0006	.0019	-.0013	.0023	.0035	-.0013	.0046
#2	.0011	-.0096	-.0022	.0046	-.0036	.0001	.0067
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

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Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.33	.0000	.0017	-.0022	.0017	.0011	-.0008
SDev	.42	.0005	.0024	.0057	.0009	.0014	.0013
%RSD	.4274	1104.	141.1	256.7	50.04	124.9	159.0
#1	99.03	.0004	.0000	.0018	.0011	.0001	.0001
#2	99.63	-.0003	.0034	-.0063	.0023	.0022	-.0018
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0051	.0002	.0013	-.0312	.0009	-.0037
SDev	.0001	.0056	.0001	.0037	.0705	.0005	.0008
%RSD	1621.	109.2	74.09	292.4	226.0	54.30	20.80
#1	.0001	.0012	.0001	.0038	.0187	.0006	-.0031
#2	-.0001	.0091	.0003	-.0013	-.0811	.0013	-.0042
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	-.0003	.0006
SDev	.0001	.0001	.0002
%RSD	70.86	44.00	34.60
#1	.0001	-.0002	.0008
#2	.0002	-.0004	.0005
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

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IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1025878	10000	--	--	--	--	--
SDev	4372.748	.0000000	--	--	--	--	--
%RSD	.4262445	.0000000	--	--	--	--	--
#1	1022786	10000	--	--	--	--	--
#2	1028970	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282144 Operator:
Run Time: 07/07/06 22:15:57 **010350**
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0229	-.0002	.0125	.0499	-.0000	-.0061
SDev	.0009	.0076	.0024	.0003	.0001	.0001	.0023
%RSD	91.98	33.30	1030.	2.774	.1850	205.5	38.39
#1	-.0015	.0175	-.0020	.0122	.0499	-.0001	-.0077
#2	-.0003	.0283	.0015	.0127	.0500	.0000	-.0044

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.463	-.0004	-.0004	.0008	.0002	.0054	.2873
SDev	.002	.0000	.0010	.0003	.0004	.0381	.0252
%RSD	.1074	10.62	219.7	46.52	196.9	706.9	8.778
#1	1.462	-.0003	-.0011	.0005	-.0001	-.0216	.2695
#2	1.464	-.0004	.0002	.0010	.0005	.0323	.3051

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0020	.0003	.1117	.0007	-.0001	4.427	5.975
SDev	.0014	.0001	.0089	.0001	.0009	.318	.017
%RSD	68.85	40.58	7.984	8.977	1016.	7.186	.2896
#1	-.0030	.0002	.1054	.0006	.0006	4.202	5.987
#2	-.0010	.0003	.1180	.0007	-.0008	4.652	5.963

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0200	-.0045	.0028	-.0030	.9465	.0049
SDev	.0010	.0011	.0011	.0014	.0065	.0057	.0019
%RSD	179.4	5.672	24.41	51.03	217.7	.6007	37.69
#1	.0012	.0192	-.0053	.0039	-.0076	.9505	.0036
#2	-.0001	.0208	-.0037	.0018	.0016	.9424	.0062

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.9	-.0029	.0026	1.270	.0004	.0008	.0005
SDev	.5	.0030	.0002	.003	.0006	.0009	.0008
%RSD	.5015	102.2	7.830	.2243	146.7	108.0	144.0
#1	101.2	-.0008	.0025	1.268	.0008	.0014	-.0000
#2	100.5	-.0050	.0028	1.272	-.0000	.0002	.0011

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0028	.0057	.0003	-.0013	-.0711	.0011	-.0059
SDev	.0001	.0024	.0000	.0013	.0311	.0001	.0007
%RSD	1.917	41.71	1.028	102.4	43.69	8.688	11.44
#1	.0028	.0074	.0003	-.0022	-.0930	.0011	-.0054
#2	.0029	.0040	.0003	-.0003	-.0491	.0012	-.0064

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0052	.0003
SDev	.0001	.0001	.0003
%RSD	123.4	2.627	90.63
#1	.0000	.0051	.0001
#2	.0002	.0053	.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1041662	10000	--	--	--	--	--
SDev	5270.067	.0000000	--	--	--	--	--
%RSD	.5059285	.0000000	--	--	--	--	--
#1	1045389	10000	--	--	--	--	--
#2	1037936	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282145 Operator: 010352
Run Time: 07/07/06 22:20:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0500	-.0006	.0127	.0509	-.0000	-.0014
SDev	.0002	.0029	.0016	.0004	.0001	.0000	.0005
%RSD	26.49	5.705	247.1	3.079	.3023	100.5	35.99
#1	-.0007	.0520	-.0018	.0125	.0510	-.0000	-.0010
#2	-.0005	.0480	.0005	.0130	.0508	-.0000	-.0017

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6642	-.0003	.0002	.0007	.0001	.0190	.1790
SDev	.0052	.0000	.0004	.0014	.0006	.0025	.0006
%RSD	.7760	5.619	164.1	181.5	1008.	12.96	.3506
#1	.6606	-.0003	-.0000	-.0002	-.0004	.0207	.1794
#2	.6679	-.0002	.0005	.0017	.0005	.0172	.1785

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0015	.0001	.0712	.0004	.0001	5.753	7.562
SDev	.0002	.0000	.0009	.0001	.0006	.043	.042
%RSD	12.90	4.174	1.250	30.61	645.0	.7551	.5530
#1	-.0014	.0001	.0706	.0003	.0005	5.722	7.591
#2	-.0016	.0001	.0719	.0004	-.0003	5.783	7.532

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0021	-.0049	.0035	-.0003	.9261	.0009
SDev	.0003	.0048	.0044	.0006	.0012	.0203	.0043
%RSD	62.22	227.5	90.17	17.93	403.9	2.189	488.7
#1	-.0003	.0055	-.0080	.0040	-.0012	.9405	-.0022
#2	-.0008	-.0013	-.0018	.0031	.0006	.9118	.0040

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.5	-.0023	.0020	1.293	.0007	.0006	-.0002
SDev	1.3	.0051	.0003	.002	.0011	.0015	.0011
%RSD	1.336	220.0	12.68	.1847	145.6	271.1	533.9
#1	101.4	-.0059	.0022	1.294	-.0000	-.0005	-.0010
#2	99.54	.0013	.0018	1.291	.0015	.0016	.0006

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0017	.0030	.0004	-.0008	-.0460	.0011	-.0037
SDev	.0000	.0031	.0002	.0021	.0031	.0006	.0008
%RSD	.0951	102.6	42.14	255.5	6.831	59.17	21.69
#1	.0017	.0008	.0003	.0007	-.0438	.0006	-.0032
#2	.0017	.0052	.0006	-.0023	-.0482	.0015	-.0043

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0034	.0000
SDev	.0002	.0002	.0010
%RSD	681.2	7.040	20830.
#1	-.0001	.0033	-.0007
#2	.0002	.0036	.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1037806	10000	--	--	--	--	--
SDev	13780.80	.0000000	--	--	--	--	--
%RSD	1.327879	.0000000	--	--	--	--	--
#1	1047550	10000	--	--	--	--	--
#2	1028061	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282146 Operator:
Run Time: 07/07/06 22:25:32 010354
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0240	-.0022	.0124	.0536	-.0000	-.0061
SDev	.0009	.0000	.0023	.0012	.0002	.0000	.0075
%RSD	102.2	.1393	106.2	9.569	.3699	39.94	122.1
#1	-.0002	.0240	-.0005	.0116	.0535	-.0000	-.0008
#2	-.0015	.0239	-.0038	.0133	.0537	-.0001	-.0114

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6330	-.0002	.0006	.0006	.0005	-.0126	.1876
SDev	.0053	.0003	.0006	.0010	.0004	.0360	.0339
%RSD	.8289	142.1	100.0	152.2	88.48	286.8	18.09
#1	.6367	.0000	.0010	-.0000	.0002	.0129	.2116
#2	.6292	-.0004	.0002	.0013	.0008	-.0380	.1636

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0015	-.0000	.0641	.0002	.0003	5.826	7.838
SDev	.0007	.0001	.0044	.0001	.0001	.348	.062
%RSD	48.88	3034.	6.860	51.37	33.75	5.968	.7964
#1	-.0010	.0001	.0672	.0002	.0003	6.072	7.794
#2	-.0020	-.0001	.0610	.0003	.0002	5.580	7.882

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	-.0017	-.0002	.0003	-.0064	.9176	.0064
SDev	.0003	.0061	.0057	.0006	.0074	.0096	.0038
%RSD	44.36	364.6	2546.	217.5	115.4	1.049	59.85
#1	.0005	-.0060	.0038	.0007	-.0012	.9244	.0037
#2	.0009	.0026	-.0043	-.0001	-.0117	.9108	.0091

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.8	.0009	-.0006	1.293	.0001	-.0001	-.0012
SDev	.9	.0057	.0033	.001	.0023	.0003	.0041
%RSD	.8591	630.4	518.2	.1051	2029.	254.4	343.3
#1	101.1	.0049	-.0029	1.294	.0017	-.0003	.0017
#2	102.4	-.0031	.0017	1.292	-.0015	.0001	-.0041

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0017	.0036	.0004	-.0005	-.0447	.0005	-.0044
SDev	.0000	.0031	.0003	.0010	.0203	.0009	.0005
%RSD	1.971	86.95	61.46	204.3	45.35	162.8	11.00
#1	.0017	.0014	.0002	.0002	-.0304	-.0001	-.0047
#2	.0017	.0058	.0006	-.0012	-.0590	.0011	-.0040

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0014	.0002
SDev	.0001	.0002	.0008
%RSD	121.4	12.39	419.0
#1	.0000	.0016	-.0004
#2	.0002	.0013	.0008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1050908	10000	--	--	--	--	--
SDev	9072.887	.0000000	--	--	--	--	--
%RSD	.8633383	.0000000	--	--	--	--	--
#1	1044492	10000	--	--	--	--	--
#2	1057323	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282147 Operator: 010356
Run Time: 07/07/06 22:30:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0694	-.0013	.0284	.0560	-.0000	-.0017
SDev	.0001	.0035	.0000	.0001	.0001	.0000	.0002
%RSD	8.610	5.003	1.091	.2142	.1012	27.26	14.04
#1	-.0007	.0718	-.0013	.0284	.0560	-.0000	-.0015
#2	-.0006	.0669	-.0013	.0284	.0560	-.0000	-.0018

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4518	-.0002	.0008	.0008	.0066	.0207	.2903
SDev	.0011	.0001	.0003	.0003	.0005	.0056	.0057
%RSD	.2455	44.45	39.23	39.82	7.359	26.90	1.963
#1	.4526	-.0003	.0011	.0005	.0062	.0246	.2943
#2	.4510	-.0002	.0006	.0010	.0069	.0167	.2863

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0015	.0002	.0428	.0006	.0000	8.622	11.66
SDev	.0003	.0000	.0004	.0000	.0014	.114	.01
%RSD	17.30	.7584	1.046	3.799	5103.	1.323	.0600
#1	-.0013	.0002	.0431	.0006	-.0010	8.703	11.65
#2	-.0017	.0002	.0425	.0006	.0010	8.541	11.66

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1992	-.0001	-.0003	.0050	-.0031	.9159	.0013
SDev	.0015	.0053	.0058	.0011	.0018	.0136	.0028
%RSD	.7802	4136.	1989.	21.63	60.10	1.484	213.1
#1	.2003	-.0039	.0038	.0042	-.0018	.9255	-.0007
#2	.1981	.0036	-.0044	.0058	-.0043	.9063	.0033

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.7	-.0012	.0005	1.609	.0033	-.0001	-.0014
SDev	.2	.0018	.0011	.004	.0012	.0013	.0011
%RSD	.1580	155.2	217.5	.2297	37.60	2347.	76.53
#1	100.6	.0001	.0013	1.611	.0041	.0009	-.0022
#2	100.8	-.0025	-.0003	1.606	.0024	-.0010	-.0007

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.0058	.0014	.0001	-.0531	.0011	-.0004
SDev	.0000	.0016	.0002	.0031	.0285	.0005	.0013
%RSD	.4694	27.39	12.37	3258.	53.59	50.43	316.6
#1	.0015	.0047	.0013	-.0021	-.0330	.0007	.0005
#2	.0015	.0070	.0016	.0023	-.0733	.0014	-.0013

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.1168	.0005
SDev	.0000	.0004	.0001
%RSD	28.25	.3464	21.13
#1	.0001	.1170	.0005
#2	.0002	.1165	.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1040252	10000	--	--	--	--	--
SDev	1656.044	.0000000	--	--	--	--	--
%RSD	.1591964	.0000000	--	--	--	--	--
#1	1039081	10000	--	--	--	--	--
#2	1041423	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282148 Operator: 010358
Run Time: 07/07/06 22:35:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	.0103	-.0007	.0098	.0545	-.0000	-.0057
SDev	.0001	.0000	.0014	.0001	.0001	.0000	.0022
%RSD	5.755	.1600	191.5	1.078	.1629	84.87	38.51
#1	-.0013	.0103	.0003	.0098	.0546	-.0000	-.0072
#2	-.0012	.0102	-.0017	.0099	.0545	-.0000	-.0041

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6907	-.0005	-.0001	.0005	-.0004	.0072	.2684
SDev	.0037	.0001	.0003	.0007	.0007	.0216	.0115
%RSD	.5375	20.27	225.8	139.5	200.4	300.0	4.271
#1	.6881	-.0004	.0001	.0000	-.0009	-.0081	.2603
#2	.6933	-.0006	-.0003	.0010	.0001	.0225	.2765

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0020	.0001	.0670	.0009	.0002	6.216	8.235
SDev	.0004	.0000	.0013	.0001	.0003	.003	.046
%RSD	21.34	28.53	1.893	8.616	191.7	.0415	.5539
#1	-.0023	.0001	.0679	.0008	.0004	6.215	8.267
#2	-.0017	.0001	.0661	.0009	-.0001	6.218	8.203

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0269	-.0049	.0054	-.0035	.9265	.0038
SDev	.0003	.0038	.0014	.0022	.0019	.0028	.0031
%RSD	162.0	14.03	27.63	39.79	56.07	.3044	83.17
#1	.0004	.0242	-.0059	.0069	-.0048	.9285	.0016
#2	-.0000	.0296	-.0039	.0039	-.0021	.9245	.0060

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.0	.0006	.0023	1.268	.0020	.0018	.0002
SDev	1.5	.0011	.0030	.006	.0010	.0024	.0001
%RSD	1.470	191.7	128.4	.4545	49.35	134.5	63.82
#1	102.1	.0013	.0045	1.272	.0027	.0034	.0003
#2	99.98	-.0002	.0002	1.263	.0013	.0001	.0001

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0019	.0042	.0002	-.0008	-.0550	.0008	-.0045
SDev	.0000	.0026	.0003	.0011	.0024	.0003	.0008
%RSD	.5164	62.89	154.3	147.3	4.379	35.70	17.08
#1	.0019	.0023	-.0000	-.0016	-.0567	.0006	-.0039
#2	.0019	.0060	.0004	.0000	-.0533	.0011	-.0050

010359

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0055	-.0002
SDev	.0001	.0001	.0005
%RSD	413.8	.8862	208.3
#1	-.0001	.0056	-.0006
#2	.0001	.0055	.0001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1043418	10000	--	--	--	--	--
SDev	15305.33	.0000000	--	--	--	--	--
%RSD	1.466846	.0000000	--	--	--	--	--
#1	1054240	10000	--	--	--	--	--
#2	1032595	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282149 Operator:
Run Time: 07/07/06 22:39:53
Comment:
Mode: CONC Corr. Factor: 1

010360

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	.0111	-.0031	.0087	.0552	-.0000	-.0087
SDev	.0004	.0029	.0006	.0005	.0001	.0000	.0010
%RSD	34.63	26.25	20.56	6.055	.2025	25.76	11.02
#1	-.0008	.0131	-.0027	.0083	.0551	-.0000	-.0080
#2	-.0013	.0090	-.0036	.0091	.0553	-.0000	-.0093

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.7341	-.0002	.0003	.0001	-.0002	-.0116	.1621
SDev	.0032	.0004	.0003	.0016	.0009	.0140	.0118
%RSD	.4330	202.3	104.9	1879.	388.1	120.9	7.311
#1	.7364	.0001	.0005	-.0011	-.0009	-.0017	.1705
#2	.7319	-.0005	.0001	.0012	.0004	-.0215	.1538

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0019	.0000	.0709	.0006	.0002	5.752	7.797
SDev	.0008	.0001	.0062	.0001	.0006	.281	.020
%RSD	42.70	361.8	8.802	9.644	428.6	4.886	.2584
#1	-.0013	.0001	.0753	.0006	-.0003	5.951	7.811
#2	-.0025	-.0000	.0664	.0007	.0006	5.554	7.782

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0243	-.0040	.0056	-.0045	.9391	.0011
SDev	.0006	.0011	.0030	.0012	.0035	.0047	.0011
%RSD	331.9	4.558	76.66	21.90	77.36	.5058	93.03
#1	-.0006	.0235	-.0018	.0064	-.0020	.9357	.0004
#2	.0003	.0251	-.0061	.0047	-.0070	.9425	.0019

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.1	-.0027	.0038	1.253	.0024	.0016	.0004
SDev	.3	.0006	.0001	.001	.0018	.0002	.0016
%RSD	.3257	24.07	1.813	.0508	76.11	10.23	371.8
#1	101.4	-.0031	.0038	1.252	.0037	.0015	.0015
#2	100.9	-.0022	.0037	1.253	.0011	.0018	-.0007

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0019	.0046	.0001	-.0004	-.0711	.0006	-.0046
SDev	.0000	.0054	.0003	.0009	.0191	.0008	.0002
%RSD	1.496	119.1	354.7	231.1	26.85	119.4	4.872
#1	.0019	.0007	-.0001	.0002	-.0576	.0001	-.0048
#2	.0019	.0084	.0003	-.0010	-.0846	.0012	-.0044

010361

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0062	-.0007
SDev	.0002	.0003	.0009
%RSD	392.7	4.900	131.2
#1	-.0002	.0064	-.0013
#2	.0001	.0060	-.0001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1044614	10000	--	--	--	--	--
SDev	3437.246	.0000000	--	--	--	--	--
%RSD	.3290445	.0000000	--	--	--	--	--
#1	1047045	10000	--	--	--	--	--
#2	1042184	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282150 Operator:
Run Time: 07/07/06 22:44:39
Comment:
Mode: CONC Corr. Factor: 1

010362

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	.0404	-.0020	.0102	.0576	-.0000	-.0029
SDev	.0005	.0018	.0021	.0002	.0001	.0000	.0047
%RSD	42.47	4.450	104.5	1.751	.2595	44.29	158.5
#1	-.0014	.0391	-.0005	.0104	.0577	-.0000	-.0062
#2	-.0008	.0416	-.0034	.0101	.0575	-.0000	.0004

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6976	-.0003	-.0004	.0004	-.0001	.0054	.1991
SDev	.0037	.0002	.0004	.0003	.0002	.0107	.0076
%RSD	.5351	57.30	102.1	58.82	155.4	199.4	3.816
#1	.6950	-.0004	-.0007	.0006	.0000	-.0022	.1937
#2	.7003	-.0002	-.0001	.0003	-.0003	.0129	.2044

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0020	.0000	.0705	.0006	.0001	5.931	7.959
SDev	.0004	.0000	.0030	.0000	.0004	.012	.050
%RSD	21.41	159.2	4.289	3.946	310.4	.1970	.6275
#1	-.0023	-.0000	.0683	.0006	-.0002	5.923	7.994
#2	-.0017	.0001	.0726	.0005	.0004	5.939	7.924

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0164	-.0023	.0037	-.0044	.9534	.0056
SDev	.0008	.0025	.0022	.0008	.0027	.0008	.0008
%RSD	248.0	15.47	92.85	20.40	62.26	.0801	14.01
#1	.0002	.0146	-.0038	.0042	-.0063	.9539	.0061
#2	-.0009	.0182	-.0008	.0031	-.0025	.9528	.0050

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.4	-.0021	.0034	1.274	.0017	.0016	.0006
SDev	.4	.0002	.0003	.002	.0002	.0002	.0022
%RSD	.3668	9.928	10.00	.1530	12.86	9.977	360.5
#1	100.7	-.0023	.0037	1.275	.0015	.0017	.0022
#2	100.2	-.0020	.0032	1.272	.0018	.0015	-.0010

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0018	.0034	.0003	-.0022	-.0624	.0009	-.0031
SDev	.0000	.0035	.0001	.0010	.0220	.0001	.0009
%RSD	.7949	103.1	28.32	44.03	35.19	12.68	30.19
#1	.0018	.0059	.0004	-.0029	-.0780	.0008	-.0025
#2	.0019	.0009	.0002	-.0015	-.0469	.0010	-.0038

010363

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0046	-.0001
SDev	.0000	.0003	.0001
%RSD	26.32	6.421	155.1
#1	-.0000	.0043	.0000
#2	-.0000	.0048	-.0002

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1037116	10000	--	--	--	--	--
SDev	3836.762	.0000000	--	--	--	--	--
%RSD	.3699453	.0000000	--	--	--	--	--
#1	1039829	10000	--	--	--	--	--
#2	1034403	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282151 Operator: 010364
Run Time: 07/07/06 22:49:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0104	-.0006	.0101	.0526	-.0000	-.0054
SDev	.0002	.0064	.0006	.0006	.0001	.0000	.0031
%RSD	21.87	61.66	102.2	5.772	.0917	82.54	57.43
#1	-.0007	.0059	-.0002	.0105	.0526	-.0000	-.0076
#2	-.0010	.0149	-.0010	.0097	.0527	-.0000	-.0032

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.7267	-.0002	-.0002	.0011	.0002	.0158	.1600
SDev	.0019	.0001	.0003	.0006	.0001	.0062	.0069
%RSD	.2660	41.72	117.2	53.84	59.53	39.60	4.326
#1	.7281	-.0003	-.0000	.0015	.0001	.0202	.1551
#2	.7253	-.0002	-.0004	.0007	.0002	.0113	.1649

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0018	.0001	.0703	.0006	-.0000	5.814	7.655
SDev	.0006	.0000	.0010	.0001	.0002	.067	.032
%RSD	30.63	19.98	1.441	8.971	1265.	1.149	.4171
#1	-.0022	.0000	.0696	.0007	-.0002	5.766	7.633
#2	-.0014	.0001	.0710	.0006	.0001	5.861	7.678

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0206	-.0033	.0032	-.0001	.9287	.0035
SDev	.0003	.0037	.0012	.0015	.0009	.0031	.0026
%RSD	65.37	17.90	37.05	45.76	998.1	.3318	75.51
#1	.0006	.0232	-.0024	.0022	-.0008	.9309	.0053
#2	.0002	.0180	-.0042	.0042	.0006	.9266	.0016

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.61	-.0032	.0009	1.258	.0010	-.0005	-.0007
SDev	.06	.0011	.0011	.006	.0006	.0011	.0003
%RSD	.0610	35.39	126.5	.4381	54.46	229.4	51.29
#1	99.57	-.0040	.0001	1.254	.0006	-.0013	-.0004
#2	99.66	-.0024	.0016	1.262	.0014	.0003	-.0009

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0018	.0065	.0003	-.0021	-.0512	.0008	-.0036
SDev	.0000	.0006	.0002	.0031	.0133	.0003	.0013
%RSD	.9842	9.622	79.88	145.0	25.92	37.40	37.50
#1	.0018	.0061	.0005	-.0043	-.0605	.0010	-.0026
#2	.0018	.0070	.0001	.0001	-.0418	.0006	-.0045

010365

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0051	.0001
SDev	.0001	.0002	.0003
%RSD	122.3	3.191	239.1
#1	.0002	.0050	.0003
#2	.0000	.0052	-.0001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1028743	10000	--	--	--	--	--
SDev	569.9280	.0000000	--	--	--	--	--
%RSD	.0554004	.0000000	--	--	--	--	--
#1	1028340	10000	--	--	--	--	--
#2	1029146	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282152 Operator:
Run Time: 07/07/06 22:54:11
Comment:
Mode: CONC Corr. Factor: 1

010366

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0153	-.0021	.0096	.0511	-.0000	-.0034
SDev	.0012	.0086	.0008	.0004	.0001	.0000	.0019
%RSD	691.3	55.80	35.05	4.485	.1997	7684.	55.40
#1	-.0007	.0093	-.0027	.0093	.0510	-.0000	-.0047
#2	.0010	.0214	-.0016	.0099	.0512	.0000	-.0021

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.7651	-.0001	.0002	.0011	.0003	.0246	.1744
SDev	.0025	.0003	.0011	.0005	.0007	.0050	.0084
%RSD	.3318	320.7	476.5	45.63	278.7	20.43	4.830
#1	.7633	-.0004	-.0006	.0007	-.0003	.0210	.1684
#2	.7669	.0001	.0010	.0014	.0008	.0281	.1803

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0001	.0831	.0007	.0005	6.011	7.780
SDev	.0016	.0001	.0081	.0001	.0009	.097	.010
%RSD	1236.	66.87	9.774	18.88	173.5	1.613	.1300
#1	-.0012	.0001	.0774	.0006	-.0001	5.943	7.787
#2	.0010	.0002	.0889	.0008	.0012	6.080	7.773

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	.0231	-.0018	.0003	.0013	.9476	.0055
SDev	.0007	.0023	.0019	.0027	.0030	.0004	.0026
%RSD	51.89	10.03	107.7	825.1	224.7	.0470	47.79
#1	.0009	.0214	-.0031	.0022	-.0008	.9473	.0036
#2	.0020	.0247	-.0004	-.0016	.0034	.9479	.0074

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.84	-.0032	.0002	1.266	-.0004	-.0009	.0018
SDev	.97	.0028	.0006	.003	.0012	.0005	.0025
%RSD	.9689	87.45	265.8	.2277	324.3	55.75	138.3
#1	100.5	-.0052	.0007	1.264	.0005	-.0012	.0000
#2	99.15	-.0012	-.0002	1.268	-.0012	-.0005	.0035

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0020	.0048	.0003	-.0014	.0115	.0015	-.0002
SDev	.0001	.0029	.0001	.0029	.0353	.0007	.0035
%RSD	2.583	59.69	28.43	214.7	307.9	46.41	2322.
#1	.0020	.0028	.0002	.0007	-.0135	.0010	-.0026
#2	.0021	.0069	.0004	-.0034	.0365	.0020	.0023

010367

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0054	.0008
SDev	.0002	.0001	.0010
%RSD	119.3	2.523	121.0
#1	.0000	.0053	.0001
#2	.0003	.0055	.0016

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1030974	10000	--	--	--	--	--
SDev	10000.61	.0000000	--	--	--	--	--
%RSD	.9700154	.0000000	--	--	--	--	--
#1	1038046	10000	--	--	--	--	--
#2	1023903	10000	--	--	--	--	--

Analysis Report 07/07/06 11:03:33 PM

Method: DAILY2 Sample Name: 282153 Operator:
Run Time: 07/07/06 22:58:58
Comment:
Mode: CONC Corr. Factor: 1

010368

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0232	-.0026	.0089	.0497	-.0000	.0027
SDev	.0014	.0083	.0040	.0008	.0001	.0000	.0062
%RSD	673.2	35.78	150.2	9.384	.2616	324.4	231.7
#1	-.0008	.0174	-.0054	.0095	.0498	-.0000	-.0017
#2	.0012	.0291	.0002	.0083	.0496	.0000	.0070

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6880	-.0001	.0006	.0012	.0003	.0360	.2036
SDev	.0057	.0005	.0006	.0004	.0005	.0210	.0276
%RSD	.8257	673.2	97.72	31.88	161.9	58.34	13.54
#1	.6840	-.0004	.0002	.0015	.0007	.0211	.1841
#2	.6921	.0003	.0010	.0010	-.0000	.0508	.2231

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0001	.0785	.0006	-.0005	6.164	7.744
SDev	.0024	.0001	.0105	.0000	.0003	.251	.031
%RSD	858.3	55.79	13.35	6.333	54.02	4.074	.3955
#1	-.0014	.0001	.0711	.0007	-.0007	5.986	7.766
#2	.0020	.0002	.0859	.0006	-.0003	6.341	7.722

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0188	.0030	.0017	.0029	.9445	.0056
SDev	.0001	.0019	.0054	.0046	.0070	.0018	.0020
%RSD	45.79	10.18	179.0	262.2	240.5	.1941	35.29
#1	.0002	.0174	-.0008	.0050	-.0020	.9458	.0070
#2	.0004	.0202	.0069	-.0015	.0079	.9432	.0042

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.77	.0012	-.0033	1.275	.0022	-.0018	.0005
SDev	.69	.0054	.0054	.005	.0012	.0018	.0034
%RSD	.6880	454.9	165.1	.3685	55.92	101.7	697.5
#1	100.3	-.0026	.0005	1.271	.0031	-.0005	-.0019
#2	99.28	.0050	-.0071	1.278	.0013	-.0030	.0029

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0018	.0048	.0004	-.0016	.0099	.0014	.0001
SDev	.0001	.0043	.0000	.0012	.0657	.0000	.0015
%RSD	3.749	90.12	7.840	72.96	666.1	.3046	1104.
#1	.0018	.0078	.0004	-.0008	-.0366	.0014	-.0009
#2	.0019	.0017	.0004	-.0025	.0563	.0014	.0012

010369

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0051	.0009
SDev	.0000	.0005	.0002
%RSD	9.668	9.876	22.39
#1	.0002	.0048	.0008
#2	.0002	.0055	.0011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1030265	10000	--	--	--	--	--
SDev	7058.340	.0000000	--	--	--	--	--
%RSD	.6850995	.0000000	--	--	--	--	--
#1	1035256	10000	--	--	--	--	--
#2	1025274	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccv6 Operator:
Run Time: 07/07/06 23:03:47
Comment:
Mode: CONC Corr. Factor: 1

010370

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9857	9.921	5.130	4.924	10.17	.9876	5.012
SDev	.0007	.005	.004	.017	.02	.0020	.004
%RSD	.0679	.0531	.0857	.3355	.1688	.1980	.0768
#1	.9861	9.917	5.127	4.912	10.16	.9890	5.009
#2	.9852	9.924	5.133	4.936	10.18	.9863	5.015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.25	1.009	5.106	1.996	2.036	10.50	18.61
SDev	.02	.001	.012	.004	.003	.03	.10
%RSD	.1194	.0523	.2424	.1806	.1489	.2726	.5335
#1	20.27	1.010	5.115	1.998	2.034	10.52	18.54
#2	20.24	1.009	5.098	1.993	2.038	10.48	18.68
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.963	4.845	20.07	1.014	5.049	28.09	H40.75
SDev	.006	.010	.03	.002	.005	.12	.11
%RSD	.1227	.1970	.1444	.2157	.1020	.4304	.2757
#1	4.959	4.838	20.09	1.015	5.045	28.01	H40.67
#2	4.967	4.852	20.05	1.012	5.052	28.18	H40.83
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.041	5.030	5.051	5.045	1.007	1.013	.9857
SDev	.005	.053	.011	.008	.003	.004	.0003
%RSD	.0966	1.062	.2260	.1556	.2718	.3637	.0351
#1	5.044	5.068	5.043	5.050	1.005	1.011	.9854
#2	5.037	4.992	5.059	5.039	1.009	1.016	.9859
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010371

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.09	5.236	5.215	5.034	5.047	5.222	5.127
SDev	.80	.008	.033	.002	.001	.025	.011
%RSD	.8039	.1543	.6296	.0388	.0283	.4707	.2092
#1	98.53	5.231	5.192	5.033	5.048	5.205	5.135
#2	99.66	5.242	5.238	5.035	5.046	5.240	5.119
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.086	.9898	4.804	5.273	.9781	4.985	H1.207
SDev	.001	.0047	.000	.004	.0155	.009	.000
%RSD	.0183	.4788	.0023	.0755	1.585	.1742	.0049
#1	5.086	.9932	4.804	5.270	.9671	4.992	H1.207
#2	5.085	.9865	4.804	5.275	.9890	4.979	H1.207
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.039	1.026	4.730
SDev	.002	.004	.002
%RSD	.0365	.3778	.0443
#1	5.038	1.029	4.728
#2	5.041	1.023	4.731
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010372

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1023375	10000	--	--	--	--	--
SDev	8188.296	.0000000	--	--	--	--	--
%RSD	.8001267	.0000000	--	--	--	--	--
#1	1017585	10000	--	--	--	--	--
#2	1029165	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb6 Operator: 010373
Run Time: 07/07/06 23:08:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	-.0119	-.0024	.0067	.0002	-.0000	-.0061
SDev	.0010	.0002	.0007	.0020	.0001	.0000	.0054
%RSD	101.6	1.391	27.15	30.38	82.23	46.93	88.92
#1	-.0017	-.0118	-.0029	.0081	.0003	-.0000	-.0099
#2	-.0003	-.0120	-.0020	.0052	.0001	-.0000	-.0023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0002	-.0007	.0009	.0007	.0015	-.0127
SDev	.0012	.0001	.0005	.0003	.0003	.0199	.0225
%RSD	584.4	37.00	75.14	35.98	43.75	1287.	177.9
#1	-.0006	-.0002	-.0011	.0011	.0009	-.0126	-.0286
#2	.0010	-.0001	-.0003	.0006	.0005	.0157	.0033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0023	.0001	-.0081	.0002	.0009	H.0839	-.0085
SDev	.0007	.0000	.0066	.0000	.0007	.1567	.0025
%RSD	28.82	23.68	81.60	12.51	83.16	186.7	29.23
#1	-.0028	.0001	-.0128	.0002	.0014	-.0269	-.0103
#2	-.0018	.0001	-.0034	.0002	.0004	H.1947	-.0068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	-.0031	-.0022	.0047	-.0024	.0002	.0041
SDev	.0002	.0093	.0010	.0007	.0043	.0001	.0009
%RSD	27.99	300.8	47.55	15.94	176.8	59.80	22.92
#1	.0008	-.0096	-.0029	.0052	L-.0055	.0001	.0047
#2	.0006	.0035	-.0014	.0041	.0006	.0003	.0034
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010374

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.2	-.0029	.0023	-.0088	.0024	.0006	.0005
SDev	.4	.0003	.0005	.0017	.0001	.0004	.0003
%RSD	.4328	11.34	21.36	19.44	6.367	76.87	54.04
#1	100.5	-.0031	.0019	-.0100	.0025	.0003	.0003
#2	99.91	-.0027	.0026	-.0076	.0023	.0009	.0007
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0077	.0002	-.0005	-.0630	.0013	-.0024
SDev	.0000	.0011	.0001	.0056	.0240	.0002	.0034
%RSD	5.256	14.44	36.00	1056.	38.14	17.87	143.3
#1	-.0000	.0084	.0003	.0034	-.0800	.0015	-.0047
#2	-.0000	.0069	.0002	-.0045	-.0460	.0012	.0000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	-.0006	.0006
SDev	.0001	.0002	.0001
%RSD	53.26	26.94	11.49
#1	.0003	-.0007	.0007
#2	.0001	-.0005	.0006
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010375

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1035018	10000	--	--	--	--	--
SDev	4481.643	.0000000	--	--	--	--	--
%RSD	.4330014	.0000000	--	--	--	--	--
#1	1038187	10000	--	--	--	--	--
#2	1031849	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282154 Operator: 010376
Run Time: 07/07/06 23:13:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0208	-.0004	.0124	.0481	-.0000	-.0032
SDev	.0010	.0073	.0017	.0008	.0000	.0000	.0021
%RSD	190.2	35.24	459.6	6.150	.0324	139.2	67.06
#1	-.0013	.0156	-.0016	.0129	.0481	-.0001	-.0047
#2	.0002	.0260	.0008	.0118	.0481	-.0000	-.0017

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.7567	-.0002	.0004	.0006	.0004	-.0067	.1797
SDev	.0034	.0002	.0008	.0003	.0001	.0481	.0313
%RSD	.4540	118.9	209.5	39.72	23.43	723.4	17.41
#1	.7543	-.0004	-.0002	.0008	.0005	-.0407	.1576
#2	.7591	-.0000	.0009	.0004	.0003	.0274	.2018

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	.0001	.0779	.0006	.0002	5.806	7.632
SDev	.0012	.0001	.0040	.0000	.0003	.472	.027
%RSD	103.7	145.0	5.119	6.087	186.7	8.128	.3480
#1	-.0020	-.0000	.0751	.0006	-.0001	5.472	7.651
#2	-.0003	.0002	.0807	.0005	.0004	6.140	7.613

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0230	-.0047	.0034	-.0032	.9381	.0019
SDev	.0006	.0003	.0057	.0046	.0061	.0076	.0013
%RSD	87.21	1.217	120.9	133.8	187.8	.8121	66.91
#1	.0003	.0228	-.0087	.0067	-.0075	.9435	.0028
#2	.0011	.0232	-.0007	.0002	.0011	.9327	.0010

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.3	-.0018	.0019	1.252	.0007	.0007	-.0008
SDev	.2	.0011	.0020	.007	.0012	.0017	.0001
%RSD	.1893	61.02	105.6	.5644	158.0	247.5	15.84
#1	101.4	-.0010	.0033	1.247	.0016	.0019	-.0009
#2	101.1	-.0025	.0005	1.257	-.0001	-.0005	-.0007

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0019	.0070	.0003	.0020	-.0456	.0011	-.0023
SDev	.0001	.0039	.0001	.0019	.0599	.0001	.0013
%RSD	2.809	55.25	37.03	97.75	131.4	5.767	57.43
#1	.0019	.0097	.0004	.0006	-.0880	.0011	-.0032
#2	.0019	.0043	.0002	.0033	-.0032	.0011	-.0014

010377

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0057	.0004
SDev	.0000	.0004	.0003
%RSD	26.06	6.890	70.55
#1	.0001	.0054	.0002
#2	.0002	.0059	.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1046014	10000	--	--	--	--	--
SDev	1989.091	.0000000	--	--	--	--	--
%RSD	.1901593	.0000000	--	--	--	--	--
#1	1047420	10000	--	--	--	--	--
#2	1044607	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282155 Operator:
Run Time: 07/07/06 23:18:08
Comment:
Mode: CONC Corr. Factor: 1

010378

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	.0252	-.0020	.0132	.0538	-.0000	-.0039
SDev	.0003	.0032	.0008	.0003	.0000	.0000	.0016
%RSD	35.16	12.88	39.78	2.438	.0270	18.16	40.68
#1	-.0012	.0275	-.0026	.0134	.0538	-.0001	-.0050
#2	-.0007	.0229	-.0014	.0130	.0538	-.0000	-.0028

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5907	-.0004	.0005	.0015	.0005	.0119	.2275
SDev	.0032	.0001	.0005	.0002	.0002	.0202	.0246
%RSD	.5401	29.25	87.78	15.09	35.90	169.2	10.84
#1	.5884	-.0005	.0009	.0013	.0006	-.0023	.2100
#2	.5929	-.0003	.0002	.0016	.0004	.0262	.2449

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0023	.0001	.0620	.0006	-.0003	6.346	8.336
SDev	.0002	.0001	.0046	.0001	.0001	.120	.020
%RSD	7.432	97.53	7.378	7.670	27.41	1.888	.2379
#1	-.0022	.0000	.0588	.0006	-.0004	6.261	8.350
#2	-.0024	.0001	.0653	.0006	-.0003	6.430	8.322

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0079	-.0054	.0036	-.0021	.9235	.0062
SDev	.0001	.0009	.0003	.0010	.0047	.0124	.0034
%RSD	51.43	11.77	4.854	28.09	219.4	1.347	54.34
#1	.0004	-.0073	-.0052	.0029	-.0054	.9147	.0086
#2	.0002	-.0086	-.0056	.0043	.0012	.9323	.0038

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.4	-.0009	.0016	1.291	.0006	.0008	-.0012
SDev	.4	.0030	.0007	.001	.0006	.0005	.0002
%RSD	.3691	332.7	45.68	.0975	98.65	65.25	15.89
#1	100.7	-.0030	.0021	1.292	.0002	.0004	-.0011
#2	100.1	.0012	.0011	1.290	.0010	.0011	-.0014

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0017	.0073	.0007	-.0006	-.0555	.0015	-.0025
SDev	.0000	.0016	.0001	.0001	.0059	.0004	.0018
%RSD	.7097	22.39	20.16	21.33	10.70	23.82	70.13
#1	.0016	.0085	.0006	-.0005	-.0598	.0013	-.0038
#2	.0017	.0062	.0008	-.0007	-.0513	.0018	-.0013

010379

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0039	.0005
SDev	.0000	.0000	.0000
%RSD	.2532	1.104	8.046
#1	.0002	.0038	.0005
#2	.0002	.0039	.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1036984	10000	--	--	--	--	--
SDev	3916.665	.0000000	--	--	--	--	--
%RSD	.3776975	.0000000	--	--	--	--	--
#1	1039754	10000	--	--	--	--	--
#2	1034215	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282156 Operator:
Run Time: 07/07/06 23:22:54
Comment:
Mode: CONC Corr. Factor: 1

010380

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	.0051	-.0033	.0110	.0504	-.0000	-.0030
SDev	.0001	.0009	.0004	.0004	.0002	.0000	.0005
%RSD	6.727	17.40	11.94	3.363	.4144	20.33	17.11
#1	-.0011	.0057	-.0031	.0107	.0502	-.0000	-.0034
#2	-.0010	.0045	-.0036	.0113	.0505	-.0000	-.0026

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.6604	-.0001	-.0006	.0010	-.0001	.0118	.2689
SDev	.0016	.0001	.0003	.0004	.0001	.0029	.0003
%RSD	.2431	79.89	51.72	41.95	103.4	25.04	.0934
#1	.6615	-.0001	-.0004	.0007	-.0001	.0097	.2687
#2	.6592	-.0002	-.0008	.0013	-.0000	.0139	.2690

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0016	.0001	.0671	.0004	-.0001	5.889	7.681
SDev	.0001	.0001	.0019	.0001	.0007	.041	.049
%RSD	5.605	63.29	2.820	14.95	482.3	.6996	.6376
#1	-.0017	.0001	.0685	.0004	-.0006	5.860	7.646
#2	-.0016	.0000	.0658	.0005	.0004	5.918	7.715

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0161	-.0044	.0028	-.0011	.9319	.0043
SDev	.0013	.0019	.0019	.0005	.0007	.0099	.0009
%RSD	174.9	11.87	43.24	16.79	69.18	1.059	20.16
#1	-.0002	.0174	-.0030	.0024	-.0005	.9389	.0037
#2	.0016	.0147	-.0057	.0031	-.0016	.9249	.0049

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.4	-.0034	.0007	1.277	.0004	-.0007	.0007
SDev	.0	.0029	.0001	.004	.0003	.0009	.0006
%RSD	.0376	85.66	13.94	.2835	80.73	132.3	82.47
#1	102.3	-.0013	.0006	1.274	.0006	-.0000	.0012
#2	102.4	-.0054	.0007	1.280	.0002	-.0013	.0003

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0016	.0063	.0004	-.0015	-.0498	.0004	-.0055
SDev	.0000	.0024	.0000	.0012	.0086	.0004	.0012
%RSD	.1865	38.78	7.717	79.55	17.35	100.6	21.50
#1	.0016	.0046	.0004	-.0006	-.0437	.0001	-.0047
#2	.0016	.0080	.0004	-.0023	-.0559	.0007	-.0063

010381

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0028	.0002
SDev	.0000	.0001	.0003
%RSD	10.46	4.754	121.5
#1	.0001	.0029	.0000
#2	.0001	.0027	.0005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1057016	10000	--	--	--	--	--
SDev	347.8965	.0000000	--	--	--	--	--
%RSD	.0329131	.0000000	--	--	--	--	--
#1	1056770	10000	--	--	--	--	--
#2	1057262	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282157 Operator:
Run Time: 07/07/06 23:27:43 010382
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0019	-.0078	-.0013	.0072	.0546	-.0000	-.0088
SDev	.0003	.0040	.0001	.0012	.0003	.0000	.0052
%RSD	15.06	51.22	9.141	17.03	.5027	11.48	59.81
#1	-.0017	-.0050	-.0014	.0064	.0544	-.0000	-.0051
#2	-.0021	-.0106	-.0012	.0081	.0548	-.0000	-.0125

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.372	-.0005	-.0012	-.0001	-.0003	-.0277	.2723
SDev	.004	.0003	.0006	.0008	.0007	.0073	.0081
%RSD	.3164	54.62	51.38	608.4	261.1	26.47	2.982
#1	1.376	-.0003	-.0008	-.0007	-.0008	-.0225	.2780
#2	1.369	-.0007	-.0016	.0004	.0002	-.0329	.2666

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0033	-.0000	.1354	.0008	-.0002	4.119	5.789
SDev	.0012	.0000	.0054	.0001	.0002	.044	.004
%RSD	35.97	23.22	3.976	18.97	96.77	1.072	.0639
#1	-.0025	-.0000	.1392	.0007	-.0003	4.088	5.786
#2	-.0041	-.0000	.1316	.0009	-.0001	4.150	5.791

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0254	-.0035	.0034	-.0076	.9435	.0028
SDev	.0004	.0046	.0024	.0034	.0014	.0012	.0031
%RSD	72.56	18.09	68.42	99.88	18.00	.1227	113.2
#1	-.0009	.0286	-.0018	.0010	-.0067	.9427	.0006
#2	-.0003	.0221	-.0051	.0058	-.0086	.9443	.0050

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.5	-.0023	.0044	1.246	.0011	.0022	-.0006
SDev	.1	.0087	.0001	.004	.0015	.0029	.0006
%RSD	.1403	387.0	1.485	.3437	130.7	132.9	92.48
#1	101.4	.0039	.0043	1.249	.0001	.0042	-.0002
#2	101.6	-.0084	.0044	1.243	.0022	.0001	-.0010

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0034	.0035	-.0001	-.0001	-.1065	.0001	-.0073
SDev	.0000	.0024	.0003	.0016	.0328	.0014	.0031
%RSD	.4327	69.52	319.4	1299.	30.81	2644.	42.73
#1	.0034	.0018	-.0003	.0010	-.0833	-.0009	-.0051
#2	.0034	.0052	.0001	-.0013	-.1297	.0010	-.0095

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0028	-.0010
SDev	.0002	.0000	.0009
%RSD	154.3	.8673	87.93
#1	-.0003	.0027	-.0016
#2	.0000	.0028	-.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1047815	10000	--	--	--	--	--
SDev	1477.853	.0000000	--	--	--	--	--
%RSD	.1410414	.0000000	--	--	--	--	--
#1	1046770	10000	--	--	--	--	--
#2	1048860	10000	--	--	--	--	--

Method: DAILY2 Sample Name: zzzzzz Operator:
Run Time: 07/07/06 23:32:30
Comment:
Mode: CONC Corr. Factor: 1

010384

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0002	-.0019	-.0004	.0000	-.0000	-.0070
SDev	.0006	.0013	.0036	.0004	.0001	.0000	.0039
%RSD	76.86	802.4	189.2	97.46	178.2	21.01	56.02
#1	-.0011	-.0007	-.0045	-.0001	-.0000	-.0000	-.0098
#2	-.0003	.0011	.0006	-.0006	.0001	-.0000	-.0042

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	-.0003	-.0006	.0000	-.0003	-.0052	-.0283
SDev	.0009	.0003	.0006	.0004	.0001	.0225	.0139
%RSD	102.7	95.39	108.4	3126.	54.86	433.2	49.12
#1	.0002	-.0005	-.0010	-.0003	-.0004	-.0211	-.0381
#2	.0014	-.0001	-.0001	.0003	-.0002	.0107	-.0184

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0022	-.0001	-.0099	.0001	.0003	-.1003	-.0040
SDev	.0010	.0000	.0075	.0000	.0001	.1828	.0006
%RSD	43.59	82.86	75.83	42.51	39.23	182.2	14.53
#1	-.0029	-.0001	-.0152	.0001	.0002	-.2295	-.0036
#2	-.0015	-.0000	-.0046	.0001	.0004	.0289	-.0044

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0001	-.0035	.0030	-.0048	.0056	.0020
SDev	.0002	.0095	.0004	.0001	.0031	.0086	.0013
%RSD	7364.	11600.	11.95	3.156	65.20	152.9	65.11
#1	.0002	-.0066	-.0038	.0029	-.0070	.0117	.0011
#2	-.0002	.0068	-.0032	.0030	-.0026	-.0005	.0029

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.8	-.0031	.0035	-.0073	.0008	.0013	.0008
SDev	.4	.0002	.0010	.0030	.0002	.0007	.0018
%RSD	.3533	7.219	27.64	41.89	24.41	55.67	227.2
#1	101.0	-.0033	.0028	-.0094	.0007	.0008	-.0005
#2	100.5	-.0030	.0042	-.0051	.0010	.0018	.0021

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0040	.0000	.0020	-.0573	.0006	-.0051
SDev	.0000	.0001	.0000	.0006	.0264	.0002	.0005
%RSD	88.76	2.328	9.090	26.90	46.08	27.94	9.945
#1	-.0001	.0041	.0000	.0017	-.0760	.0007	-.0047
#2	-.0000	.0040	.0000	.0024	-.0386	.0005	-.0054

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Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	-.0001	-.0002
SDev	.0000	.0002	.0002
%RSD	70.29	211.9	89.35
#1	-.0000	-.0003	-.0004
#2	-.0000	.0001	-.0001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1040470	10000	--	--	--	--	--
SDev	3706.654	.0000000	--	--	--	--	--
%RSD	.3562480	.0000000	--	--	--	--	--
#1	1043091	10000	--	--	--	--	--
#2	1037849	10000	--	--	--	--	--

Analysis Report 07/07/06 11:41:51 PM

Method: DAILY2 Sample Name: cri Operator:
Run Time: 07/07/06 23:37:16
Comment:
Mode: CONC Corr. Factor: 1

nt 7.20.06
~~010386~~
010386

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0188	.0855	.0202	.0974	.0205	.0099	-.0079
SDev	.0002	.0011	.0008	.0009	.0000	.0001	.0043
%RSD	.8670	1.271	3.827	.9583	.0315	.6129	53.88
#1	.0189	.0863	.0207	.0968	.0205	.0099	-.0049
#2	.0187	.0848	.0196	.0981	.0205	.0100	-.0110
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	.0300		.0300	.1500	.0300	.0150	
Low	.0100		.0100	.0500	.0100	.0050	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0049	.0097	.1001	.0188	.0492	.0918	-.0401
SDev	.0016	.0003	.0004	.0012	.0007	.0263	.0308
%RSD	32.04	2.919	.3618	6.534	1.354	28.71	76.64
#1	-.0060	.0098	.0999	.0179	.0487	.0731	-.0619
#2	-.0038	.0095	.1004	.0196	.0496	.1104	-.0184
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High		.0150	.1500	.0300	.0750	.1500	
Low		.0050	.0500	.0100	.0250	.0500	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0025	.0685	-.0128	.0301	.0197	-.2435	-.0097
SDev	.0004	.0001	.0035	.0002	.0003	.2251	.0004
%RSD	17.36	.1500	26.91	.7648	1.587	92.44	4.312
#1	-.0022	.0686	-.0104	.0300	.0195	-.4027	-.0100
#2	-.0028	.0685	-.0153	.0303	.0199	-.0843	-.0094
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High		.1500		.0450	.0300		
Low		.0500		.0150	.0100		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0813	.0998	.0056	.0082	-.0074	-.0081	.1218
SDev	.0000	.0030	.0051	.0042	.0042	.0070	.0016
%RSD	.0504	2.987	91.53	50.49	57.16	85.55	1.298
#1	.0814	.1019	.0092	.0053	-.0104	-.0131	.1207
#2	.0813	.0977	.0020	.0112	-.0044	-.0032	.1229
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	.1200	.1500					.1800
Low	.0400	.0500					.0600

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

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Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.6	.0071	.0109	.0920	.0074	.0096	.1016
SDev	1.2	.0039	.0034	.0018	.0011	.0010	.0007
%RSD	1.160	55.47	31.34	1.938	14.49	10.07	.6497
#1	101.5	.0098	.0085	.0933	.0066	.0089	.1012
#2	99.80	.0043	.0133	.0907	.0081	.0103	.1021
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.1500	.0090	.0150	.1500
Low				.0500	.0030	.0050	.0500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0207	.0010	.0187	.0184	.1225	.0994	-.0052
SDev	.0001	.0041	.0003	.0035	.0027	.0012	.0033
%RSD	.3002	413.0	1.624	19.11	2.219	1.193	64.12
#1	.0208	-.0019	.0185	.0209	.1244	.0986	-.0028
#2	.0207	.0039	.0189	.0159	.1206	.1002	-.0075
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	.0300		.0300	.0300		.1500	
Low	.0100		.0100	.0100		.0500	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.0408	.0882
SDev	.0002	.0004	.0011
%RSD	89.24	1.107	1.200
#1	-.0003	.0405	.0874
#2	-.0001	.0411	.0889
Errors	NOCHECK	LC Pass	NOCHECK
High		.0600	
Low		.0200	

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IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1039137	10000	--	--	--	--	--
SDev	12085.87	.0000000	--	--	--	--	--
%RSD	1.163068	.0000000	--	--	--	--	--
#1	1047683	10000	--	--	--	--	--
#2	1030591	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsa Operator: 010389
Run Time: 07/07/06 23:42:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	507.0	.0001	-.0171	.0025	.0001	-.0056
SDev	.0010	1.0	.0054	.0002	.0000	.0000	.0067
%RSD	1091.	.2065	4025.	1.202	.1354	26.32	121.2
#1	-.0006	506.3	.0039	-.0173	.0025	.0001	-.0103
#2	.0008	507.8	-.0037	-.0170	.0025	.0001	-.0008
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		600.0					
Low		400.0					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	462.3	.0023	.0006	-.0005	.0020	190.0	-.0039
SDev	.5	.0003	.0001	.0004	.0000	.3	.0174
%RSD	.1120	12.18	16.06	73.87	1.304	.1580	448.9
#1	462.0	.0021	.0006	-.0002	.0019	189.7	-.0162
#2	462.7	.0025	.0007	-.0008	.0020	190.2	.0084
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	600.0					240.0	
Low	400.0					160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0035	.0005	535.9	.0068	-.0022	.6177	-.0013
SDev	.0017	.0001	1.5	.0001	.0013	.1205	.0074
%RSD	47.53	13.93	.2707	.6873	58.53	19.51	583.4
#1	.0023	.0005	534.9	.0067	-.0030	.5325	-.0065
#2	.0047	.0006	536.9	.0068	-.0013	.7029	.0040
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			600.0				
Low			400.0				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0019	-.0232	.0178	-.0041	-.0003	.0299	.0036
SDev	.0004	.0032	.0036	.0016	.0048	.0028	.0031
%RSD	23.83	13.62	20.16	38.40	1598.	9.301	87.33
#1	.0016	-.0209	.0152	-.0052	-.0037	.0319	.0058
#2	.0022	-.0254	.0203	-.0030	.0031	.0280	.0014
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010390

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.89	-.0034	-.0072	.0259	.0032	-.0059	-.0043
SDev	.13	.0034	.0028	.0072	.0022	.0030	.0014
%RSD	.1466	97.69	39.78	27.65	70.81	51.07	32.43
#1	89.79	-.0011	-.0051	.0209	.0016	-.0038	-.0033
#2	89.98	-.0058	-.0092	.0310	.0048	-.0080	-.0053
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0168	-.0183	-.0004	.0008	-.0514	.0005	-.0022
SDev	.0001	.0081	.0001	.0043	.0700	.0001	.0046
%RSD	.5142	44.24	15.06	560.6	136.3	18.58	205.4
#1	.0167	-.0126	-.0004	.0038	-.1009	.0006	.0010
#2	.0169	-.0240	-.0005	-.0023	-.0019	.0005	-.0055
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.0074	-.0003
SDev	.0001	.0004	.0004
%RSD	20.84	5.574	123.9
#1	-.0003	.0076	-.0005
#2	-.0002	.0071	-.0000
Errors	NOCHECK	NOCHECK	NOCHECK
High			
Low			

010391

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	928298	10000	--	--	--	--	--
SDev	1310.976	.0000000	--	--	--	--	--
%RSD	.1412236	.0000000	--	--	--	--	--
#1	927371	10000	--	--	--	--	--
#2	929225	10000	--	--	--	--	--

Analysis Report 07/07/06 11:51:24 PM page 1

Method: DAILY2 Sample Name: icsab Operator: 010392
Run Time: 07/07/06 23:46:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.109	502.0	1.054	1.020	.5516	.4958	-.0002
SDev	.001	.0	.001	.000	.0007	.0002	.0026
%RSD	.1260	.0030	.1045	.0143	.1257	.0468	1421.
#1	1.110	502.0	1.054	1.020	.5521	.4956	-.0020
#2	1.108	502.0	1.053	1.020	.5511	.4960	.0017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	1.200	600.0	1.200	1.200	.6000	.6000	
Low	.8000	400.0	.8000	.8000	.4000	.4000	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	458.8	.9694	.4921	.4989	.5670	188.2	-.0228
SDev	1.5	.0016	.0014	.0009	.0012	.3	.0043
%RSD	.3307	.1653	.2782	.1774	.2049	.1696	18.80
#1	457.7	.9683	.4911	.4983	.5678	188.0	-.0258
#2	459.8	.9706	.4931	.4995	.5662	188.4	-.0198
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	600.0	1.200	.6000	.6000	.6000	240.0	
Low	400.0	.8000	.4000	.4000	.4000	160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0025	H1.256	531.7	.5058	1.014	.6444	-.0103
SDev	.0003	.003	.8	.0003	.003	.0917	.0019
%RSD	11.57	.2440	.1567	.0671	.2858	14.23	18.69
#1	.0023	H1.259	531.1	.5056	1.016	.5795	-.0090
#2	.0027	H1.254	532.3	.5061	1.012	.7092	-.0117
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High		1.200	600.0	.6000	1.200		
Low		.8000	400.0	.4000	.8000		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9577	1.022	1.023	.9972	-.0020	.0158	1.042
SDev	.0003	.003	.006	.0028	.0017	.0040	.006
%RSD	.0358	.2732	.5842	.2843	85.94	25.53	.5817
#1	.9579	1.020	1.019	.9952	-.0008	.0187	1.046
#2	.9574	1.024	1.027	.9992	-.0032	.0130	1.038
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.200	1.200					1.200
Low	.8000	.8000					.8000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010393

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.75	1.027	1.011	1.055	1.006	1.016	1.031
SDev	.36	.022	.003	.002	.004	.009	.002
%RSD	.4045	2.124	.2952	.1423	.3860	.9111	.2171
#1	90.01	1.011	1.009	1.054	1.003	1.009	1.030
#2	89.49	1.042	1.013	1.056	1.009	1.023	1.033
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High					1.200	1.200	1.200
Low					.8000	.8000	.8000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.076	-.0060	.9661	1.004	.8820	.5032	.0002
SDev	.000	.0016	.0004	.007	.0167	.0001	.0024
%RSD	.0006	26.15	.0418	.7019	1.893	.0153	1199.
#1	1.076	-.0071	.9658	.9987	.8702	.5032	.0019
#2	1.076	-.0049	.9664	1.009	.8938	.5033	-.0015
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	1.200		1.200	1.200		.6000	
Low	.8000		.8000	.8000		.4000	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	.9504	.9004
SDev	.0000	.0048	.0004
%RSD	4.481	.5087	.0423
#1	-.0004	.9470	.9001
#2	-.0004	.9538	.9007
Errors	NOCHECK	LC Pass	NOCHECK
High		1.200	
Low		.8000	

010394

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	926880	10000	--	--	--	--	--
SDev	3781.607	.0000000	--	--	--	--	--
%RSD	.4079932	.0000000	--	--	--	--	--
#1	929554	10000	--	--	--	--	--
#2	924206	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccv7 Operator:
Run Time: 07/07/06 23:51:37 010395
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9855	9.927	5.145	4.937	10.18	.9864	5.017
SDev	.0001	.028	.001	.018	.03	.0010	.008
%RSD	.0074	.2802	.0193	.3608	.2784	.1007	.1520
#1	.9856	9.947	5.145	4.925	10.16	.9857	5.012
#2	.9855	9.907	5.144	4.950	10.20	.9871	5.022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.17	1.006	5.100	1.994	2.042	10.48	18.66
SDev	.02	.002	.005	.003	.001	.01	.06
%RSD	.0786	.1583	.0987	.1563	.0522	.0965	.3105
#1	20.16	1.005	5.096	1.992	2.041	10.48	18.70
#2	20.18	1.008	5.104	1.996	2.043	10.49	18.62
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.970	4.854	20.08	1.013	5.046	28.16	H40.79
SDev	.004	.006	.01	.002	.010	.21	.06
%RSD	.0854	.1151	.0500	.1742	.1906	.7531	.1385
#1	4.973	4.858	20.07	1.012	5.039	28.31	H40.83
#2	4.967	4.850	20.08	1.015	5.052	28.01	H40.75
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.037	5.028	5.047	5.014	1.014	1.008	.9916
SDev	.006	.009	.009	.031	.004	.008	.0026
%RSD	.1122	.1826	.1806	.6176	.3657	.8163	.2599
#1	5.033	5.021	5.053	4.992	1.016	1.002	.9898
#2	5.041	5.034	5.040	5.036	1.011	1.014	.9935
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010396

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.00	5.199	5.232	5.031	5.025	5.221	5.121
SDev	.048	.001	.000	.004	.018	.001	.011
%RSD	.0480	.0156	.0089	.0864	.3504	.0111	.2050
#1	100.0	5.199	5.232	5.028	5.012	5.221	5.113
#2	99.97	5.200	5.233	5.034	5.037	5.222	5.128
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.094	.9824	4.809	5.268	.9969	4.984	H1.215
SDev	.001	.0019	.003	.007	.0361	.001	.003
%RSD	.0259	.1952	.0664	.1408	3.620	.0230	.2115
#1	5.095	.9811	4.807	5.273	1.022	4.983	H1.214
#2	5.093	.9838	4.812	5.263	.9713	4.984	H1.217
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.045	1.022	4.741
SDev	.000	.003	.001
%RSD	.0090	.2483	.0138
#1	5.045	1.020	4.741
#2	5.045	1.023	4.742
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010397

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1032748	10000	--	--	--	--	--
SDev	481.5397	.0000000	--	--	--	--	--
%RSD	.0466270	.0000000	--	--	--	--	--
#1	1033089	10000	--	--	--	--	--
#2	1032408	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb7 Operator:
Run Time: 07/07/06 23:56:23 010398
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	-.0076	-.0005	.0076	.0002	.0000	.0007
SDev	.0001	.0026	.0021	.0013	.0001	.0000	.0008
%RSD	114.6	34.12	434.8	16.52	63.41	2541.	114.5
#1	-.0000	-.0094	-.0020	.0085	.0003	.0000	.0012
#2	-.0002	-.0058	.0010	.0067	.0001	-.0000	.0001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0017	-.0001	.0000	.0009	.0003	.0261	.0094
SDev	.0019	.0001	.0004	.0000	.0000	.0294	.0208
%RSD	112.7	145.3	1514.	1.755	16.80	112.5	221.5
#1	.0031	-.0002	-.0002	.0009	.0003	.0469	.0240
#2	.0004	.0000	.0003	.0009	.0002	.0053	-.0053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0002	-.0013	.0001	.0014	H.3558	-.0029
SDev	.0002	.0001	.0016	.0000	.0004	.1431	.0008
%RSD	47.01	64.40	122.0	5.299	30.52	40.22	27.81
#1	-.0003	.0003	-.0025	.0001	.0017	H.4570	-.0024
#2	-.0007	.0001	-.0002	.0001	.0011	H.2546	-.0035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0052	-.0015	-.0000	.0031	-.0012	.0047
SDev	.0001	.0041	.0029	.0006	.0041	.0063	.0001
%RSD	14.51	80.27	186.5	2940.	133.8	532.3	1.800
#1	.0010	.0022	.0005	.0004	H.0060	.0033	.0047
#2	.0008	.0081	-.0036	-.0004	.0002	-.0057	.0048
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010399

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.94	.0001	-.0001	-.0044	-.0005	-.0000	.0002
SDev	1.07	.0022	.0020	.0014	.0013	.0021	.0007
%RSD	1.068	2379.	2370.	31.99	259.4	11890.	333.5
#1	99.18	.0016	.0013	-.0054	.0004	.0014	.0007
#2	100.7	-.0014	-.0015	-.0034	-.0015	-.0015	-.0003
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0054	.0002	.0015	-.0292	.0011	-.0025
SDev	.0001	.0011	.0001	.0000	.0014	.0000	.0025
%RSD	118.0	20.81	61.05	.7300	4.853	4.017	102.4
#1	.0001	.0046	.0003	.0015	-.0282	.0010	-.0007
#2	.0000	.0062	.0001	.0015	-.0302	.0011	-.0043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	-.0002	.0009
SDev	.0001	.0001	.0002
%RSD	29.17	89.08	22.77
#1	.0003	-.0001	.0010
#2	.0002	-.0003	.0008
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010400

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1032121	10000	--	--	--	--	--
SDev	11016.72	.0000000	--	--	--	--	--
%RSD	1.067387	.0000000	--	--	--	--	--
#1	1024331	10000	--	--	--	--	--
#2	1039911	10000	--	--	--	--	--

QC STD. ID's	
CCV	06G05
CRI	
ICSA	
ICSAB	06G05

ICP CAL.STD. ID's	
Std0	06G05
Std1	
Std2	
Std3	
Std4	
Std5	
Std6	06G05

010401

☐ 200.7 TAP No. 01-0406-028 Rev3/Jan06

☑ 6010B TAP No. 01-0406-130 Rev5/Jan06

☐ Other_____

PROJ. NO.	PROJECT	~~TO#~~	DATE	MATRIX	LOGBK PG
06002.01.242	Div. 20	060605	7-7-06	Liquid	63-215
06002.20.242 ~~06002.02.242~~ JH 7-7-06	Div. 20	06060610	7-7-06	Liquid	63-216

INSTRUMENT: Trace 2 FILENAME: B606305

JH 7-7-06

File converted to wsl? ☐

Method: DAILY2 Standard: blk
Run Time: 07/07/06 12:51:25

010402

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Avge	-.0000	.0006	-.0000	.0000	-.0000	.0005	-.0000
SDev	.0000	.0000	.0000	.0000	.0000	.0000	.0000
%RSD	48.05	.6815	9.094	71.39	155.1	1.534	121.0
#1	-.0000	.0006	-.0000	.0000	.0000	.0005	-.0000
#2	-.0000	.0006	-.0001	.0000	-.0000	.0005	-.0000

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avge	.0000	-.0000	-.0000	.0000	.0003	.0000	.0003
SDev	.0000	.0000	.0000	.0000	.0000	.0001	.0001
%RSD	27.41	378.3	82.81	136.5	7.364	121.5	22.35
#1	.0000	.0000	-.0000	.0001	.0003	.0000	.0002
#2	.0000	-.0000	-.0000	.0000	.0003	.0001	.0003

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Avge	-.0000	.0001	-.0000	.0000	-.0000	-.0002	-.0077
SDev	.0000	.0000	.0000	.0000	.0000	.0000	.0004
%RSD	192.1	20.63	106.7	61.35	334.1	11.44	5.715
#1	.0000	.0001	-.0000	.0000	.0000	-.0002	-.0081
#2	-.0001	.0001	-.0000	.0000	-.0000	-.0001	-.0074

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Avge	.0000	.0000	.0001	-.0000	.0001	.0004	-.0010
SDev	.0000	.0000	.0001	.0000	.0001	.0000	.0001
%RSD	35.70	24.50	99.59	1077.	62.39	.9096	5.648
#1	.0000	.0000	.0002	-.0000	.0000	.0004	-.0010
#2	.0000	.0000	.0000	.0000	.0001	.0004	-.0011

Elem	Sc3613	1960/1	1960/2	Si2881	Sn1899	Sr4215	Th2837
Avge	103.3	-.0001	.0001	.0017	-.0000	-.0000	.0001
SDev	.9	.0000	.0000	.0000	.0000	.0000	.0001
%RSD	.9176	2.512	24.37	.6189	21990.	830.8	71.94
#1	102.7	-.0001	.0000	.0017	-.0000	.0000	.0001
#2	104.0	-.0001	.0001	.0017	.0000	-.0000	.0000

Elem	Ti3349	Tl1908	U_4090	V_2924	W_2079	Y_3710	Zn2062
Avge	-.0001	-.0002	-.0004	-.0000	.0001	.0000	.0000
SDev	.0001	.0000	.0001	.0000	.0001	.0000	.0000
%RSD	102.8	3.369	21.90	125.9	103.2	81.42	176.3
#1	-.0000	-.0002	-.0004	-.0000	.0000	.0000	.0000
#2	-.0001	-.0002	-.0005	-.0000	.0002	.0000	-.0000

Elem	Zr3496
Avge	.0001
SDev	.0001
%RSD	77.11
#1	.0002
#2	.0001

7-7-06

7/7/2006

010403

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1033292	10000	--	--	--	--	--
SDev	9398.863	.0000000	--	--	--	--	--
%RSD	.9096038	.0000000	--	--	--	--	--
#1	1026646	10000	--	--	--	--	--
#2	1039938	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std4
Run Time: 07/07/06 12:56:11

010404

Elem	Ag3280	As1890	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.0872	.1162	.3007	.2662	.1691	.2259	.2421
SDev	.0000	.0001	.0026	.0015	.0001	.0013	.0007
%RSD	.0056	.0578	.8616	.5614	.0857	.5825	.2907
#1	.0872	.1163	.3026	.2672	.1690	.2268	.2416
#2	.0872	.1162	.2989	.2651	.1692	.2249	.2426

Elem	Tl1908
Avge	.2067
SDev	.0003
%RSD	.1233
#1	.2069
#2	.2066

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1076456	10000	--	--	--	--	--
SDev	11263.50	.0000000	--	--	--	--	--
%RSD	1.046351	.0000000	--	--	--	--	--
#1	1068491	10000	--	--	--	--	--
#2	1084420	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std1
Run Time: 07/07/06 13:00:34

010405

Elem	Al3082	Ca3179	Fe2714	K_7664	Li6707	Mg2790	Na3302
Avge	.1072	.2185	.0849	.1847	2.961	.0940	.0086
SDev	.0002	.0006	.0002	.0000	.001	.0002	.0001
%RSD	.1833	.2509	.2037	.0059	.0313	.2014	.6352
#1	.1073	.2189	.0851	.1847	2.962	.0941	.0087
#2	.1071	.2181	.0848	.1847	2.961	.0939	.0086

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1035137	10000	--	--	--	--	--
SDev	4364.263	.0000000	--	--	--	--	--
%RSD	.4216121	.0000000	--	--	--	--	--
#1	1032051	10000	--	--	--	--	--
#2	1038223	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std5
Run Time: 07/07/06 13:04:15

010406

Elem	B_2496	Bi2230	Mo2020	P_1782	Si2881	Sn1899	Sr4215
Avge	.1798	.0322	.3020	.0280	.1711	.1430	2.521
SDev	.0010	.0000	.0004	.0001	.0003	.0004	.008
%RSD	.5861	.1036	.1506	.2887	.1647	.2748	.3000
#1	.1790	.0322	.3024	.0281	.1709	.1433	2.516
#2	.1805	.0322	.3017	.0280	.1713	.1428	2.527

Elem	Ti3349
Avge	2.937
SDev	.005
%RSD	.1675
#1	2.934
#2	2.941

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1069377	10000	--	--	--	--	--
SDev	1371.787	.0000000	--	--	--	--	--
%RSD	.1282791	.0000000	--	--	--	--	--
#1	1068407	10000	--	--	--	--	--
#2	1070347	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std2
Run Time: 07/07/06 13:07:58

010407

Elem	Ba4934	Be3130	Cr2677	Cu3247	Ni2316
Avge	.9960	1.412	.4263	.3505	.3277
SDev	.0004	.000	.0005	.0059	.0003
%RSD	.0414	.0238	.1268	1.673	.0897
#1	.9957	1.412	.4267	.3464	.3275
#2	.9963	1.413	.4259	.3547	.3279

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1056641	10000	--	--	--	--	--
SDev	11286.84	.0000000	--	--	--	--	--
%RSD	1.068181	.0000000	--	--	--	--	--
#1	1064622	10000	--	--	--	--	--
#2	1048660	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std3
Run Time: 07/07/06 13:11:38

010408

Elem	Cd2265	Co2286	Mn2576	V_2924	Zn2062
Avge	.9549	.2051	1.002	.2046	.2478
SDev	.0032	.0004	.002	.0003	.0020
%RSD	.3324	.1828	.1979	.1248	.7928
#1	.9571	.2054	1.003	.2048	.2491
#2	.9526	.2048	1.000	.2044	.2464

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1065322	10000	--	--	--	--	--
SDev	6074.047	.0000000	--	--	--	--	--
%RSD	.5701607	.0000000	--	--	--	--	--
#1	1061027	10000	--	--	--	--	--
#2	1069617	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std6
Run Time: 07/07/06 13:15:19

010409

Elem	La3988	Na5889	Pd3404	S_1820	Th2837	U_4090	W_2079
Avge	.4801	.0458	.2087	.0337	.1025	.0658	.1649
SDev	.0004	.0001	.0002	.0001	.0001	.0000	.0006
%RSD	.0758	.1654	.0987	.2842	.0442	.0427	.3906
#1	.4798	.0457	.2089	.0337	.1025	.0658	.1654
#2	.4803	.0458	.2086	.0338	.1025	.0659	.1645

Elem	Y_3710	Zr3496
Avge	.7546	2.011
SDev	.0003	.001
%RSD	.0326	.0342
#1	.7548	2.011
#2	.7544	2.012

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1059482	10000	--	--	--	--	--
SDev	3993.032	.0000000	--	--	--	--	--
%RSD	.3768855	.0000000	--	--	--	--	--
#1	1056658	10000	--	--	--	--	--
#2	1062305	10000	--	--	--	--	--

Method: DAILY2 Slope = Conc(SIR)/IR

010410

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	clp_std4	blk	22.9379	.000609	07/07/06 01:15:19
Al3082	308.215	clp_std1	blk	469.023	-.281434	07/07/06 01:15:19
As1890	189.042	clp_std4	blk	86.0062	.004118	07/07/06 01:15:19
B_2496	249.678	clp_std5	blk	55.6428	-.001837	07/07/06 01:15:19
Ba4934	493.409	clp_std2	blk	10.0399	.000101	07/07/06 01:15:19
Be3130	313.042	clp_std2	blk	3.54110	-.001785	07/07/06 01:15:19
Bi2230	223.061	clp_std5	blk	153.822	.002073	07/07/06 01:15:19
Ca3179	317.933	clp_std1	blk	228.910	-.005531	07/07/06 01:15:19
Cd2265	226.502	clp_std3	blk	10.4696	.000055	07/07/06 01:15:19
Co2286	228.616	clp_std3	blk	48.7498	.000917	07/07/06 01:15:19
Cr2677	267.716	clp_std2	blk	23.4597	-.000651	07/07/06 01:15:19
Cu3247	324.753	clp_std2	blk	28.5555	-.009385	07/07/06 01:15:19
Fe2714	271.441	clp_std1	blk	589.291	-.024388	07/07/06 01:15:19
K_7664	766.491	clp_std1	blk	271.108	-.074962	07/07/06 01:15:19
La3988	398.853	clp_std6	blk	20.8459	.000510	07/07/06 01:15:19
Li6707	670.784	clp_std1	blk	3.37707	-.000300	07/07/06 01:15:19
Mg2790	279.078	clp_std1	blk	265.857	.004225	07/07/06 01:15:19
Mn2576	257.610	clp_std3	blk	9.98363	-.000136	07/07/06 01:15:19
Mo2020	202.030	clp_std5	blk	33.1113	.000237	07/07/06 01:15:19
Na3302	330.232	clp_std1	blk	5676.08	.884866	07/07/06 01:15:19
Na5889	588.991	clp_std6	blk	18.8029	.145669	07/07/06 01:15:19
Ni2316	231.604	clp_std2	blk	30.5221	-.001021	07/07/06 01:15:19
P_1782	178.287	clp_std5	blk	357.031	-.006730	07/07/06 01:15:19
2203/1	220.351	clp_std4	blk	33.2644	-.003460	07/07/06 01:15:19
2203/2	220.352	clp_std4	blk	37.5664	.000115	07/07/06 01:15:19
Pd3404	340.458	clp_std6	blk	49.1778	-.004200	07/07/06 01:15:19
S_1820	182.040	clp_std6	blk	299.765	-.124461	07/07/06 01:15:19
Sb2068	206.838	clp_std4	blk	58.7654	.060098	07/07/06 01:15:19
Sc3613	361.384	blk	dark	.967713	.000000	07/07/06 01:15:19
1960/1	196.021	clp_std4	blk	44.2543	.005310	07/07/06 01:15:19
1960/2	196.022	clp_std4	blk	41.3146	-.002237	07/07/06 01:15:19
Si2881	288.158	clp_std5	blk	58.8018	-.100040	07/07/06 01:15:19
Pb220	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se196	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sn1899	189.989	clp_std5	blk	69.9589	.000008	07/07/06 01:15:19
Sr4215	421.552	clp_std5	blk	3.96612	.000006	07/07/06 01:15:19
Th2837	283.730	clp_std6	blk	102.015	-.006389	07/07/06 01:15:19
Ti3349	334.941	clp_std5	blk	3.40475	.000243	07/07/06 01:15:19
Tl1908	190.864	clp_std4	blk	48.3184	.010757	07/07/06 01:15:19
U_4090	409.014	clp_std6	blk	150.058	.065721	07/07/06 01:15:19
V_2924	292.402	clp_std3	blk	48.8670	.000870	07/07/06 01:15:19
W_2079	207.914	clp_std6	blk	30.3277	-.002731	07/07/06 01:15:19
Y_3710	371.030	clp_std6	blk	13.2497	-.000180	07/07/06 01:15:19
Zn2062	206.200	clp_std3	blk	40.3834	-.000158	07/07/06 01:15:19
Zr3496	349.621	clp_std6	blk	5.43070	-.000712	07/07/06 01:15:19

Analysis Report QC Standard 07/07/06 01:23:58 PM page 1

Method: DAILY2 Sample Name: icv/ccv Operator:
Run Time: 07/07/06 13:19:22
Comment:
Mode: CONC Corr. Factor: 1

010411

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9835	9.976	5.109	4.927	10.15	.9889	4.992
SDev	.0014	.029	.000	.002	.00	.0001	.013
%RSD	.1455	.2876	.0001	.0315	.0451	.0049	.2621
#1	.9845	9.996	5.109	4.926	10.16	.9889	5.002
#2	.9825	9.956	5.109	4.928	10.15	.9889	4.983
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.17	1.011	5.112	1.992	2.008	10.59	18.82
SDev	.01	.001	.000	.001	.006	.00	.08
%RSD	.0374	.0795	.0033	.0285	.2952	.0406	.4256
#1	20.18	1.010	5.112	1.992	2.012	10.59	18.88
#2	20.17	1.011	5.111	1.991	2.004	10.59	18.76
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.973	4.864	19.99	1.019	5.076	28.26	Q40.87
SDev	.005	.010	.02	.000	.007	.01	.16
%RSD	.1099	.1970	.0809	.0391	.1457	.0352	.3964
#1	4.977	4.871	20.00	1.019	5.071	28.25	Q40.99
#2	4.970	4.857	19.98	1.019	5.081	28.27	Q40.76
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.961	5.080	5.042	5.045	1.022	1.014	.9799
SDev	.001	.004	.021	.020	.002	.009	.0015
%RSD	.0220	.0689	.4209	.4010	.2137	.8839	.1511
#1	4.962	5.078	5.057	5.060	1.023	1.008	.9809
#2	4.960	5.083	5.027	5.031	1.020	1.020	.9789
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010412

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.04	5.202	5.235	5.023	5.044	5.224	5.149
SDev	.18	.042	.006	.006	.021	.018	.007
%RSD	.1803	.8103	.1143	.1138	.4076	.3453	.1363
#1	99.16	5.232	5.239	5.027	5.059	5.237	5.144
#2	98.91	5.172	5.231	5.019	5.030	5.211	5.154
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				5.000	5.000	5.000	5.000
Range				10.00	10.00	10.00	10.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.091	.9863	4.811	5.266	Q1.128	4.993	Q1.186
SDev	.001	.0001	.000	.018	.016	.001	.001
%RSD	.0214	.0148	.0084	.3343	1.459	.0211	.0648
#1	5.090	.9862	4.811	5.278	Q1.140	4.994	Q1.186
#2	5.092	.9864	4.812	5.254	Q1.117	4.992	Q1.185
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Fail
Value	5.000	1.000	5.000	5.000	1.000	5.000	1.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.032	1.036	4.781
SDev	.000	.001	.000
%RSD	.0062	.0612	.0089
#1	5.032	1.035	4.781
#2	5.031	1.036	4.781
Errors	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000
Range	10.00	10.00	10.00

010413

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1023328	10000	--	--	--	--	--
SDev	1891.511	.0000000	--	--	--	--	--
%RSD	.1848392	.0000000	--	--	--	--	--
#1	1024665	10000	--	--	--	--	--
#2	1021990	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb Operator: 010414
Run Time: 07/07/06 13:24:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	.0048	.0015	.0084	.0001	.0000	.0011
SDev	.0009	.0054	.0010	.0013	.0001	.0000	.0057
%RSD	65.13	111.9	68.06	15.94	92.22	694.9	507.7
#1	.0021	.0086	.0022	.0093	.0002	.0000	.0052
#2	.0008	.0010	.0008	.0075	.0000	-.0000	-.0029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.0004	.0011	-.0004	-.0005	-.0072	.0001
SDev	.0014	.0001	.0005	.0003	.0002	.0230	.0070
%RSD	134.7	19.36	41.74	72.26	32.21	320.9	5043.
#1	.0020	.0005	.0014	-.0007	-.0006	.0091	.0051
#2	.0000	.0004	.0008	-.0002	-.0004	-.0234	-.0048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0022	.0002	.0120	-.0001	.0008	L-.1168	.0037
SDev	.0022	.0001	.0099	.0000	.0005	.1270	.0002
%RSD	97.56	61.47	82.42	62.67	68.17	108.8	4.734
#1	.0038	.0003	.0190	-.0001	.0011	-.0269	.0038
#2	.0007	.0001	.0050	-.0000	.0004	L-.2066	.0036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0061	.0043	-.0030	-.0003	.0005	.0011
SDev	.0001	.0017	.0076	.0036	.0027	.0021	.0033
%RSD	665.6	27.49	177.6	117.7	1061.	451.3	297.2
#1	-.0001	.0049	.0097	-.0056	.0016	-.0010	-.0012
#2	.0001	.0073	-.0011	-.0005	-.0021	.0020	.0034
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010415

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.6	.0025	-.0015	.0074	-.0006	-.0002	.0011
SDev	.4	.0061	.0024	.0051	.0002	.0005	.0013
%RSD	.4340	248.6	153.5	68.54	26.74	235.3	116.5
#1	100.3	.0068	-.0032	H.0110	-.0005	.0001	.0021
#2	100.9	-.0019	.0001	.0038	-.0007	-.0005	.0002
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0042	-.0000	.0057	.0760	-.0004	.0033
SDev	.0002	.0025	.0001	.0037	.0518	.0002	.0049
%RSD	93.06	59.18	225.4	65.89	68.12	54.21	148.7
#1	.0003	-.0060	.0000	.0083	H.1126	-.0006	.0067
#2	.0001	-.0024	-.0001	.0030	.0394	-.0003	-.0002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0001	-.0002
SDev	.0001	.0001	.0001
%RSD	264.0	148.0	57.79
#1	.0000	.0002	-.0003
#2	-.0001	-.0000	-.0001
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010416

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1039862	10000	--	--	--	--	--
SDev	4496.492	.0000000	--	--	--	--	--
%RSD	.4324126	.0000000	--	--	--	--	--
#1	1036682	10000	--	--	--	--	--
#2	1043041	10000	--	--	--	--	--

Method: DAILY2 Sample Name: cri Operator:
Run Time: 07/07/06 13:28:56 010417
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0201	.0962	.0210	.1057	.0207	.0100	-.0027
SDev	.0004	.0031	.0008	.0002	.0001	.0000	.0038
%RSD	1.940	3.205	3.743	.1743	.5697	.0646	139.1
#1	.0203	.0984	.0216	.1056	.0206	.0100	-.0000
#2	.0198	.0941	.0205	.1059	.0207	.0099	-.0054
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.0200	.1000	.0200	.1000	.0200	.0100	
Range	50.00	50.00	50.00	50.00	50.00	50.00	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0039	.0102	.1017	.0191	.0483	.0908	-.0226
SDev	.0016	.0000	.0001	.0010	.0005	.0073	.0120
%RSD	41.18	.2836	.0805	5.410	.9953	8.077	52.97
#1	-.0028	.0102	.1018	.0184	.0479	.0959	-.0142
#2	-.0050	.0102	.1017	.0199	.0486	.0856	-.0311
Errors	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value		.0100	.1000	.0200	.0500	.1000	
Range		50.00	50.00	50.00	50.00	50.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0689	.0011	.0304	.0210	-.2317	-.0008
SDev	.0009	.0001	.0018	.0001	.0007	.1222	.0045
%RSD	237.5	.1033	164.6	.1827	3.306	52.76	577.9
#1	.0003	.0690	.0023	.0303	.0205	-.1452	.0024
#2	-.0010	.0689	-.0002	.0304	.0215	-.3181	-.0040
Errors	NOCHECK	QC Pass	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK
Value		.1000		.0300	.0200		
Range		50.00		50.00	50.00		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0793	.1122	.0046	.0048	-.0042	-.0024	.1240
SDev	.0001	.0133	.0060	.0009	.0013	.0021	.0008
%RSD	.0700	11.85	130.7	17.99	31.70	87.42	.6760
#1	.0793	.1028	.0089	.0042	-.0033	-.0039	.1246
#2	.0793	.1216	.0004	.0054	-.0052	-.0009	.1234
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	.0800	.1000					.1200
Range	50.00	50.00					50.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010418

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.2	.0095	.0111	.1028	.0047	.0106	.1027
SDev	.2	.0003	.0016	.0005	.0014	.0012	.0015
%RSD	.2182	3.730	14.67	.4493	30.39	11.38	1.504
#1	101.4	.0097	.0122	.1031	.0057	.0114	.1016
#2	101.1	.0092	.0099	.1024	.0037	.0097	.1038
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				.1000	.0060	.0100	.1000
Range				50.00	50.00	50.00	50.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0209	-.0025	.0189	.0201	.1898	.0990	.0030
SDev	.0000	.0045	.0002	.0007	.0244	.0007	.0014
%RSD	.0821	176.2	1.159	3.352	12.83	.7316	46.52
#1	.0209	-.0057	.0187	.0205	.2071	.0985	.0020
#2	.0209	.0006	.0190	.0196	.1726	.0995	.0040
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.0200		.0200	.0200	.2000	.1000	
Range	50.00		50.00	50.00	50.00	50.00	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0415	.0882
SDev	.0002	.0000	.0006
%RSD	182.1	.0791	.7271
#1	-.0003	.0415	.0877
#2	.0000	.0416	.0886
Errors	NOCHECK	QC Pass	QC Pass
Value		.0400	.1000
Range		50.00	50.00

010419

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1046084	10000	--	--	--	--	--
SDev	2200.516	.0000000	--	--	--	--	--
%RSD	.2103575	.0000000	--	--	--	--	--
#1	1047640	10000	--	--	--	--	--
#2	1044528	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: icsa Operator:
Run Time: 07/07/06 13:33:41 010420
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	507.8	-.0016	-.0114	.0023	.0001	-.0038
SDev	.0002	.3	.0021	.0009	.0001	.0000	.0011
%RSD	29.51	.0642	132.4	8.231	1.925	25.07	27.88
#1	-.0006	508.0	-.0001	-.0107	.0024	.0002	-.0030
#2	-.0009	507.6	-.0031	-.0120	.0023	.0001	-.0045
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		500.0					
Range		20.00					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	452.8	.0015	.0004	-.0021	.0010	188.8	-.0293
SDev	.9	.0000	.0004	.0004	.0003	.0	.0107
%RSD	.2088	1.082	120.7	18.54	28.26	.0032	36.50
#1	452.1	.0015	.0007	-.0024	.0008	188.8	-.0217
#2	453.5	.0016	.0001	-.0018	.0012	188.8	-.0368
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.0					200.0	
Range	20.00					20.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0044	.0007	529.5	.0066	-.0006	.1413	.0114
SDev	.0006	.0001	.2	.0001	.0011	.1990	.0043
%RSD	13.04	8.786	.0325	1.038	177.3	140.8	37.67
#1	.0048	.0007	529.6	.0065	-.0015	.2820	.0144
#2	.0040	.0006	529.4	.0066	.0002	.0006	.0083
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value			500.0				
Range			20.00				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	-.0004	.0123	-.0040	-.0035	.0205	.0010
SDev	.0011	.0030	.0058	.0012	.0026	.0019	.0004
%RSD	144.7	836.3	47.06	30.13	75.26	9.422	40.26
#1	-.0015	.0018	.0164	-.0048	-.0016	.0219	.0007
#2	.0000	-.0025	.0082	-.0031	-.0053	.0191	.0013
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010421

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.33	-.0034	-.0043	.0322	.0014	-.0040	-.0031
SDev	.24	.0035	.0012	.0033	.0011	.0004	.0012
%RSD	.2669	104.1	27.61	10.19	77.92	9.645	38.48
#1	91.16	-.0009	-.0051	.0345	.0022	-.0037	-.0023
#2	91.50	-.0059	-.0034	.0299	.0006	-.0042	-.0040
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0169	-.0263	-.0008	.0077	-.0290	-.0010	.0061
SDev	.0000	.0050	.0000	.0031	.0127	.0004	.0003
%RSD	.1020	18.84	1.097	40.26	43.84	44.71	4.478
#1	.0169	-.0299	-.0008	.0099	-.0200	-.0013	.0063
#2	.0169	-.0228	-.0008	.0055	-.0380	-.0007	.0059
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	.0070	-.0016
SDev	.0000	.0003	.0001
%RSD	9.448	3.753	3.857
#1	-.0004	.0072	-.0017
#2	-.0004	.0068	-.0016
Errors	NOCHECK	NOCHECK	NOCHECK
Value			
Range			

010422

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	943662	10000	--	--	--	--	--
SDev	2474.167	.0000000	--	--	--	--	--
%RSD	.2621877	.0000000	--	--	--	--	--
#1	941913	10000	--	--	--	--	--
#2	945412	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsab Operator:
Run Time: 07/07/06 13:38:28
Comment:
Mode: CONC Corr. Factor: 1

010423

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.105	501.5	1.052	1.029	.5522	.4957	.0054
SDev	.002	.4	.001	.005	.0016	.0009	.0056
%RSD	.1533	.0822	.0719	.5270	.2818	.1756	104.6
#1	1.104	501.2	1.051	1.025	.5511	.4963	.0094
#2	1.106	501.8	1.053	1.033	.5533	.4951	.0014
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.000	500.0	1.000	1.000	.5000	.5000	
Range	20.00	20.00	20.00	20.00	20.00	20.00	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	451.2	.9684	.4934	.4941	.5608	187.8	-.0174
SDev	2.1	.0054	.0012	.0019	.0015	.6	.0548
%RSD	.4593	.5576	.2367	.3901	.2757	.3078	314.9
#1	452.7	.9722	.4942	.4954	.5597	188.2	.0213
#2	449.7	.9646	.4925	.4927	.5619	187.4	-.0562
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	500.0	1.000	.5000	.5000	.5000	200.0	
Range	20.00	20.00	20.00	20.00	20.00	20.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0048	1.265	528.3	.5073	1.021	.5312	.0055
SDev	.0015	.007	.6	.0008	.000	.5239	.0105
%RSD	31.48	.5866	.1128	.1523	.0214	98.62	190.9
#1	.0059	1.260	528.7	.5078	1.022	.9017	.0129
#2	.0037	1.270	527.9	.5067	1.021	.1608	-.0019
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			500.0	.5000	1.000		
Range			20.00	20.00	20.00		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9472	1.055	.9996	.9854	.0006	.0088	1.030
SDev	.0016	.011	.0092	.0038	.0084	.0063	.013
%RSD	.1696	1.002	.9155	.3823	1513.	70.67	1.277
#1	.9483	1.062	1.006	.9880	.0065	.0044	1.021
#2	.9461	1.047	.9931	.9827	-.0054	.0133	1.040
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	1.000						1.000
Range	20.00						20.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010424

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.73	.9904	1.018	1.064	.9901	1.009	1.043
SDev	.62	.0225	.001	.001	.0056	.007	.001
%RSD	.6809	2.270	.0818	.1132	.5617	.6882	.1161
#1	91.29	1.006	1.017	1.063	.9941	1.013	1.042
#2	92.17	.9745	1.018	1.064	.9862	1.004	1.044
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				1.000	1.000	1.000	1.000
Range				20.00	20.00	20.00	20.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.076	-.0175	.9663	1.013	.9534	.5024	.0104
SDev	.002	.0005	.0002	.008	.0410	.0004	.0010
%RSD	.1974	2.895	.0243	.8036	4.300	.0842	9.564
#1	1.074	-.0171	.9661	1.018	.9824	.5021	.0111
#2	1.077	-.0178	.9665	1.007	.9244	.5027	.0097
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.000			1.000	1.000	.5000	
Range	20.00			20.00	20.00	20.00	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0007	.9539	.8936
SDev	.0000	.0050	.0045
%RSD	3.895	.5225	.5000
#1	-.0007	.9574	.8967
#2	-.0007	.9504	.8904
Errors	NOCHECK	QC Pass	QC Pass
Value		1.000	1.000
Range		20.00	20.00

010425

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	947842	10000	--	--	--	--	--
SDev	6530.131	.0000000	--	--	--	--	--
%RSD	.6889476	.0000000	--	--	--	--	--
#1	943224	10000	--	--	--	--	--
#2	952459	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: icv/ccv Operator: 010426
Run Time: 07/07/06 13:43:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9838	9.955	5.085	4.927	10.16	.9861	4.987
SDev	.0028	.009	.002	.020	.03	.0036	.006
%RSD	.2865	.0940	.0314	.4001	.2746	.3694	.1135
#1	.9858	9.962	5.086	4.913	10.14	.9887	4.983
#2	.9819	9.948	5.084	4.941	10.18	.9835	4.991
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.03	1.005	5.091	1.984	2.015	10.49	18.93
SDev	.15	.006	.017	.008	.008	.06	.06
%RSD	.7426	.5609	.3241	.3957	.4198	.5679	.3110
#1	20.13	1.009	5.102	1.990	2.009	10.53	18.89
#2	19.92	1.001	5.079	1.979	2.021	10.45	18.98
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.977	4.888	19.93	1.018	5.053	27.97	Q41.20
SDev	.009	.016	.07	.004	.010	.19	.12
%RSD	.1852	.3217	.3746	.3494	.2012	.6879	.2887
#1	4.970	4.877	19.98	1.020	5.060	28.10	Q41.12
#2	4.983	4.899	19.88	1.015	5.045	27.83	Q41.28
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.942	5.129	5.018	5.020	1.020	1.019	.9813
SDev	.026	.009	.053	.040	.002	.011	.0020
%RSD	.5175	.1832	1.059	.7874	.1889	1.068	.2036
#1	4.960	5.122	5.055	5.048	1.021	1.026	.9799
#2	4.924	5.135	4.980	4.992	1.019	1.011	.9827
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010427

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.14	5.179	5.241	5.029	5.019	5.220	5.124
SDev	1.18	.020	.063	.004	.044	.049	.034
%RSD	1.189	.3883	1.209	.0893	.8779	.9377	.6596
#1	98.31	5.193	5.285	5.032	5.051	5.255	5.148
#2	99.98	5.165	5.196	5.026	4.988	5.185	5.100
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				5.000	5.000	5.000	5.000
Range				10.00	10.00	10.00	10.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.096	.9868	4.812	5.239	1.076	4.982	Q1.176
SDev	.010	.0005	.001	.006	.045	.013	.002
%RSD	.1978	.0484	.0150	.1099	4.158	.2517	.1459
#1	5.089	.9872	4.813	5.243	Q1.108	4.991	Q1.177
#2	5.104	.9865	4.812	5.235	1.044	4.973	Q1.175
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	1.000	5.000	5.000	1.000	5.000	1.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.031	1.027	4.791
SDev	.002	.010	.008
%RSD	.0493	1.002	.1759
#1	5.029	1.034	4.785
#2	5.032	1.020	4.797
Errors	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000
Range	10.00	10.00	10.00

010428

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1024495	10000	--	--	--	--	--
SDev	12184.86	.0000000	--	--	--	--	--
%RSD	1.189353	.0000000	--	--	--	--	--
#1	1015879	10000	--	--	--	--	--
#2	1033111	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb Operator:
Run Time: 07/07/06 13:48:01
Comment:
Mode: CONC Corr. Factor: 1

010429

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0043	-.0014	.0098	.0000	-.0000	-.0025
SDev	.0004	.0013	.0046	.0021	.0002	.0000	.0027
%RSD	720.0	30.80	328.5	21.67	3857.	125.3	108.0
#1	.0004	-.0033	-.0047	.0113	.0001	-.0000	-.0006
#2	-.0002	-.0052	.0019	.0083	-.0001	-.0000	-.0043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0003	.0005	-.0003	-.0005	.0001	-.0033
SDev	.0001	.0001	.0007	.0006	.0005	.0068	.0004
%RSD	10.70	37.41	150.0	211.0	102.2	6677.	12.51
#1	.0005	.0003	.0010	.0001	-.0001	.0049	-.0036
#2	.0005	.0002	-.0000	-.0007	-.0008	-.0047	-.0030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0002	.0045	-.0000	.0005	L-.1483	.0006
SDev	.0001	.0001	.0002	.0001	.0007	.0249	.0007
%RSD	60.27	29.27	4.490	2700.	147.5	16.76	102.0
#1	.0003	.0002	.0044	.0001	.0009	L-.1308	.0002
#2	.0001	.0001	.0046	-.0001	-.0000	L-.1659	.0011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	-.0003	-.0015	.0006	.0008	-.0021	.0020
SDev	.0003	.0007	.0026	.0019	.0004	.0056	.0011
%RSD	31.93	218.4	168.5	336.2	55.57	263.9	57.05
#1	-.0006	.0002	-.0034	.0019	.0011	.0018	.0028
#2	-.0010	-.0009	.0003	-.0008	.0005	-.0061	.0012
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010430

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.83	-.0000	.0030	-.0001	-.0001	.0020	.0007
SDev	.19	.0033	.0028	.0001	.0004	.0030	.0016
%RSD	.1922	72600.	94.29	66.50	282.0	148.5	237.7
#1	99.69	-.0023	.0010	-.0001	.0001	-.0001	.0018
#2	99.96	.0023	.0050	-.0002	-.0004	.0041	-.0005
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0021	-.0000	.0065	.0174	-.0006	.0021
SDev	.0000	.0015	.0002	.0013	.0162	.0004	.0005
%RSD	55.64	70.12	463.6	19.50	92.80	65.12	23.16
#1	.0001	-.0011	.0001	.0073	.0289	-.0003	.0025
#2	.0000	-.0032	-.0002	.0056	.0060	-.0009	.0018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0000	-.0001
SDev	.0002	.0002	.0005
%RSD	787.9	446.7	491.4
#1	.0001	.0002	.0002
#2	-.0001	-.0001	-.0004
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010431

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1031506	10000	--	--	--	--	--
SDev	2006.062	.0000000	--	--	--	--	--
%RSD	.1944790	.0000000	--	--	--	--	--
#1	1030087	10000	--	--	--	--	--
#2	1032924	10000	--	--	--	--	--

Method: DAILY2 Sample Name: pbw-G07H4 Operator:
Run Time: 07/07/06 13:52:48
Comment:
Mode: CONC Corr. Factor: 1

010432

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0142	-.0003	.0047	-.0006	.0000	.0007
SDev	.0005	.0042	.0014	.0042	.0005	.0001	.0020
%RSD	395.9	29.57	483.9	89.21	91.35	670.6	302.2
#1	-.0005	.0113	.0007	.0077	-.0002	-.0000	.0020
#2	.0002	.0172	-.0013	.0017	-.0009	.0001	-.0007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0338	.0002	.0027	-.0041	-.0027	.0113	.0043
SDev	.0036	.0001	.0017	.0039	.0026	.0550	.0500
%RSD	10.77	63.35	63.44	93.71	95.14	489.1	1169.
#1	.0313	.0001	.0015	-.0014	-.0009	-.0277	-.0311
#2	.0364	.0003	.0039	L-.0068	-.0046	H.0502	.0396
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0001	.0026	-.0004	-.0003	.0282	.0038
SDev	.0007	.0002	.0050	.0004	.0009	.5007	.0102
%RSD	4921.	109.6	190.6	95.49	254.5	1777.	265.8
#1	-.0005	.0000	-.0009	-.0001	.0003	L-.3258	-.0034
#2	.0005	.0003	.0062	-.0006	-.0009	H.3822	.0111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0033	.0050	.0003	.0009	.0009	-.0091	.0024
SDev	.0018	.0024	.0006	.0009	.0117	.0008	.0102
%RSD	56.21	47.51	186.9	102.4	1278.	9.216	415.8
#1	-.0020	.0033	-.0001	.0016	L-.0074	-.0085	-.0047
#2	-.0046	.0067	.0007	.0003	H.0092	-.0097	.0096
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010433

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.80	-.0010	.0017	-.0020	.0007	.0008	-.0013
SDev	1.46	.0061	.0013	.0043	.0004	.0012	.0008
%RSD	1.479	580.4	75.07	209.3	59.09	153.9	58.56
#1	99.84	-.0053	.0026	-.0051	.0010	-.0001	-.0018
#2	97.77	.0033	.0008	.0010	.0004	.0016	-.0008
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	L-.0126	-.0010	.0033	.0121	-.0029	.0017
SDev	.0001	.0140	.0011	.0011	.0418	.0030	.0014
%RSD	19.91	110.9	113.7	34.42	346.5	105.2	84.89
#1	.0002	-.0027	-.0002	.0040	-.0175	-.0007	.0007
#2	.0003	L-.0225	-.0018	.0025	.0416	L-.0050	.0027
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.0001	-.0034
SDev	.0007	.0000	.0032
%RSD	119.2	30.14	93.04
#1	-.0001	.0001	-.0012
#2	-.0011	.0001	L-.0056
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010434

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1020902	10000	--	--	--	--	--
SDev	15006.22	.0000000	--	--	--	--	--
%RSD	1.469898	.0000000	--	--	--	--	--
#1	1031513	10000	--	--	--	--	--
#2	1010291	10000	--	--	--	--	--

Method: DAILY2 Sample Name: lcsw-G07H4 Operator: 010435
Run Time: 07/07/06 13:57:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0484	1.919	1.969	.0040	1.996	.0489	.0029
SDev	.0001	.006	.004	.0029	.006	.0000	.0025
%RSD	.1825	.3031	.2029	73.31	.2996	.0312	87.69
#1	.0483	1.915	1.966	.0061	1.992	.0489	.0011
#2	.0485	1.923	1.971	.0019	2.000	.0488	.0047

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.16	.0486	.4902	.1880	.2374	1.095	16.91
SDev	.05	.0003	.0024	.0031	.0013	.006	.05
%RSD	.2325	.5638	.4956	1.644	.5655	.5491	.3070
#1	20.20	.0488	.4919	.1902	.2383	1.091	16.87
#2	20.13	.0484	.4885	.1858	.2364	1.099	16.94

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0002	19.98	.4926	-.0002	17.41	25.65
SDev	.0003	.0000	.04	.0004	.0003	.20	.02
%RSD	51.51	20.18	.1832	.0882	137.6	1.130	.0938
#1	.0003	.0001	20.01	.4929	-.0000	17.27	25.63
#2	.0007	.0002	19.96	.4923	-.0004	17.55	25.66

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4719	4.060	.4753	.4808	-.0052	-.0039	.4851
SDev	.0059	.010	.0027	.0019	.0022	.0071	.0010
%RSD	1.259	.2373	.5698	.3888	41.79	181.4	.1982
#1	.4761	4.053	.4772	.4795	-.0067	.0011	.4844
#2	.4677	4.066	.4734	.4822	-.0036	-.0089	.4857

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.77	1.998	2.003	3.992	.4790	2.002	.0001
SDev	.25	.004	.009	.003	.0003	.004	.0001
%RSD	.2498	.2075	.4374	.0743	.0720	.2228	147.7
#1	99.59	1.995	2.010	3.990	.4788	2.005	-.0000
#2	99.94	2.001	1.997	3.994	.4792	1.999	.0001

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	-.0206	-.0007	2.018	.0083	.4788	.0030
SDev	.0000	.0027	.0010	.001	.0122	.0014	.0010
%RSD	1.811	13.04	143.1	.0552	147.4	.2857	32.39
#1	.0009	-.0226	.0000	2.019	-.0003	.4798	.0037
#2	.0009	-.0187	-.0014	2.017	.0169	.4778	.0023

010436

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0007	.4904	-.0023
SDev	.0006	.0026	.0032
%RSD	84.88	.5279	139.5
#1	-.0003	.4922	-.0000
#2	-.0011	.4885	-.0046

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1030858	10000	--	--	--	--	--
SDev	2584.475	.0000000	--	--	--	--	--
%RSD	.2507110	.0000000	--	--	--	--	--
#1	1029031	10000	--	--	--	--	--
#2	1032686	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 280587 Operator:
Run Time: 07/07/06 14:02:19 010437
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	.0551	-.0005	.0888	.0098	.0000	-.0035
SDev	.0004	.0023	.0008	.0024	.0006	.0000	.0019
%RSD	32.92	4.105	183.0	2.675	6.011	148.9	56.01
#1	-.0009	.0567	.0001	.0904	.0102	.0000	-.0048
#2	-.0014	.0535	-.0011	.0871	.0094	-.0000	-.0021

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.53	-.0003	.0076	-.0009	.0043	11.97	1.254
SDev	.04	.0002	.0011	.0038	.0024	.03	.011
%RSD	.0744	80.17	14.10	403.8	57.01	.2222	.9012
#1	50.56	-.0001	.0083	.0017	.0060	11.99	1.262
#2	50.50	-.0004	.0068	-.0036	.0026	11.95	1.246

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	.0067	10.57	.0799	-.0007	14.06	20.87
SDev	.0011	.0000	.01	.0004	.0008	.08	.00
%RSD	77.51	.4472	.1186	.5393	119.3	.5834	.0122
#1	-.0007	.0067	10.58	.0802	-.0001	14.12	20.87
#2	-.0022	.0066	10.57	.0796	-.0012	14.00	20.87

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0017	.0218	.0043	.0125	-.0092	52.16	-.0010
SDev	.0025	.0064	.0006	.0019	.0044	.15	.0014
%RSD	147.1	29.16	13.99	15.41	47.49	.2819	136.5
#1	.0035	.0263	.0047	.0112	-.0061	52.26	-.0000
#2	-.0001	.0173	.0038	.0139	-.0123	52.05	-.0020

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.30	-.0037	.0006	2.424	.0098	-.0008	-.0008
SDev	.00	.0011	.0008	.009	.0011	.0009	.0016
%RSD	.0001	28.40	127.0	.3528	11.12	108.0	209.7
#1	99.30	-.0030	.0012	2.430	.0090	-.0002	.0004
#2	99.30	-.0044	.0001	2.418	.0106	-.0014	-.0019

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5170	-.0190	-.0008	.0002	-.0503	-.0031	.0007
SDev	.0008	.0007	.0011	.0021	.0370	.0025	.0018
%RSD	.1609	3.765	131.9	935.6	73.65	81.20	267.1
#1	.5164	-.0185	-.0001	.0017	-.0241	-.0013	.0019
#2	.5176	-.0195	-.0016	-.0012	-.0765	-.0049	-.0006

010438

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0008	1.178	-.0038
SDev	.0006	.004	.0036
%RSD	79.96	.3807	95.95
#1	-.0003	1.181	-.0012
#2	-.0012	1.175	-.0063

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1026078	10000	--	--	--	--	--
SDev	70.00357	.0000000	--	--	--	--	--
%RSD	.0068224	.0000000	--	--	--	--	--
#1	1026128	10000	--	--	--	--	--
#2	1026029	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 280587d Operator:
Run Time: 07/07/06 14:07:05
Comment:
Mode: CONC Corr. Factor: 1

010439

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0534	.0017	.0890	.0095	.0000	.0019
SDev	.0002	.0001	.0022	.0019	.0005	.0000	.0017
%RSD	89.00	.1737	128.0	2.093	5.162	18.60	86.34
#1	-.0001	.0535	.0002	.0903	.0099	.0000	.0007
#2	-.0003	.0534	.0032	.0876	.0092	.0000	.0031

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.54	-.0001	.0080	-.0004	.0040	11.95	1.250
SDev	.06	.0002	.0005	.0044	.0018	.01	.002
%RSD	.1269	246.5	5.731	1029.	44.70	.1088	.1432
#1	50.59	-.0003	.0083	.0027	.0053	11.96	1.248
#2	50.50	.0001	.0077	-.0036	.0027	11.94	1.251

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0067	10.55	.0798	-.0000	14.34	20.64
SDev	.0003	.0000	.02	.0003	.0012	.04	.03
%RSD	347.3	.3656	.1509	.4386	5301.	.2922	.1266
#1	.0001	.0067	10.56	.0800	.0008	14.37	20.62
#2	-.0003	.0067	10.54	.0795	-.0008	14.31	20.66

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0027	.0149	.0043	.0105	-.0035	51.70	.0041
SDev	.0019	.0054	.0026	.0009	.0015	.04	.0056
%RSD	69.70	36.17	60.65	8.925	42.08	.0770	134.8
#1	.0041	.0187	.0062	.0112	-.0046	51.73	.0002
#2	.0014	.0111	.0025	.0098	-.0025	51.68	.0081

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.08	-.0040	.0023	2.409	.0085	.0002	.0003
SDev	.15	.0006	.0009	.003	.0015	.0004	.0041
%RSD	.1531	13.92	41.72	.1172	17.79	231.6	1322.
#1	99.19	-.0036	.0016	2.407	.0095	-.0001	-.0026
#2	98.98	-.0044	.0029	2.411	.0074	.0005	.0032

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5117	-.0155	-.0007	.0019	-.0104	-.0024	.0020
SDev	.0005	.0033	.0010	.0007	.0070	.0027	.0004
%RSD	.0932	20.95	140.4	35.99	67.31	111.0	22.33
#1	.5121	-.0132	-.0000	.0014	-.0054	-.0005	.0017
#2	.5114	-.0178	-.0014	.0023	-.0153	-.0043	.0023

010440

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	1.185	-.0033
SDev	.0006	.002	.0036
%RSD	89.97	.1945	110.7
#1	-.0002	1.187	-.0007
#2	-.0011	1.183	-.0058

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1023764	10000	--	--	--	--	--
SDev	1528.058	.0000000	--	--	--	--	--
%RSD	.1492589	.0000000	--	--	--	--	--
#1	1024844	10000	--	--	--	--	--
#2	1022683	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 280588 Operator:
Run Time: 07/07/06 14:11:51
Comment:
Mode: CONC Corr. Factor: 1

010441

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0556	.0008	.0882	.0089	.0000	-.0011
SDev	.0003	.0018	.0011	.0018	.0004	.0000	.0032
%RSD	66.21	3.152	133.6	2.022	4.426	13.31	282.1
#1	-.0006	.0544	.0000	.0894	.0092	.0000	-.0034
#2	-.0002	.0569	.0016	.0869	.0087	.0000	.0011

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.80	-.0000	.0081	-.0024	.0029	11.72	1.303
SDev	.31	.0001	.0008	.0017	.0016	.01	.002
%RSD	.5945	257.9	10.21	69.29	56.37	.0879	.1418
#1	51.59	-.0001	.0075	-.0012	.0041	11.72	1.302
#2	52.02	.0000	.0086	-.0036	.0018	11.73	1.304

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0068	10.92	.0816	-.0003	14.80	21.44
SDev	.0005	.0000	.04	.0002	.0000	.04	.08
%RSD	62.65	.0948	.3823	.2516	14.16	.2585	.3698
#1	-.0012	.0068	10.89	.0815	-.0003	14.83	21.50
#2	-.0005	.0068	10.95	.0817	-.0003	14.78	21.39

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0229	.0082	.0065	-.0046	53.66	-.0033
SDev	.0004	.0036	.0041	.0016	.0027	.18	.0055
%RSD	288.2	15.52	49.45	24.29	59.16	.3432	169.8
#1	.0004	.0204	.0111	.0054	-.0065	53.79	-.0072
#2	-.0001	.0254	.0054	.0076	-.0027	53.53	.0007

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.91	-.0005	-.0014	2.463	.0071	-.0011	-.0019
SDev	1.27	.0034	.0014	.002	.0003	.0002	.0005
%RSD	1.275	663.7	96.95	.0723	4.368	18.58	26.96
#1	100.8	.0019	-.0024	2.465	.0073	-.0010	-.0015
#2	99.01	-.0029	-.0004	2.462	.0069	-.0012	-.0022

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5313	-.0198	-.0011	.0020	-.0225	-.0036	-.0008
SDev	.0007	.0028	.0006	.0005	.0053	.0009	.0029
%RSD	.1275	14.34	56.18	24.10	23.45	24.69	345.8
#1	.5318	-.0218	-.0007	.0023	-.0262	-.0030	-.0029
#2	.5308	-.0178	-.0015	.0016	-.0187	-.0042	.0012

010442

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0009	1.120	-.0043
SDev	.0003	.011	.0025
%RSD	37.87	.9615	56.88
#1	-.0007	1.113	-.0026
#2	-.0012	1.128	-.0061

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1032342	10000	--	--	--	--	--
SDev	13210.88	.0000000	--	--	--	--	--
%RSD	1.279700	.0000000	--	--	--	--	--
#1	1041683	10000	--	--	--	--	--
#2	1023000	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: 280588s Operator:
Run Time: 07/07/06 14:16:38
Comment: No SC added 010443
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.92	2448.	2134.	96.66	2156.	54.01	5.137
SDev	1.85	33.	24.	1.37	24.	.42	3.958
%RSD	3.557	1.343	1.118	1.413	1.093	.7800	77.05
#1	50.62	2424.	2117.	97.63	2139.	53.72	2.338
#2	53.23	2471.	2150.	95.70	2172.	54.31	7.935

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75990.	51.46	534.2	204.8	275.6	13550.	22260.
SDev	452.	.29	4.8	.2	.6	143.	217.
%RSD	.5948	.5585	.8992	.1153	.2008	1.058	.9731
#1	75670.	51.26	530.8	204.7	276.0	13440.	22110.
#2	76310.	51.67	537.6	205.0	275.2	13650.	22410.

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3074	8.456	33260.	613.7	-.4585	36390.	53560.
SDev	1.630	.243	256.	5.3	.4641	498.	265.
%RSD	530.4	2.876	.7686	.8663	101.2	1.369	.4945
#1	-.8453	8.284	33080.	610.0	-.1304	36040.	53380.
#2	1.460	8.628	33440.	617.5	-.7867	36740.	53750.

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	515.1	4466.	525.2	522.1	2.565	57490.	525.8
SDev	4.5	24.	12.6	6.6	5.281	557.	.1
%RSD	.8718	.5398	2.407	1.271	205.9	.9694	.0137
#1	511.9	4449.	516.3	517.4	-1.170	57100.	525.8
#2	518.3	4483.	534.1	526.8	6.299	57880.	525.7

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0936	2177.	2204.	7057.	523.2	2195.	.6027
SDev	.0008	32.	53.	55.	8.6	46.	2.030
%RSD	.8039	1.487	2.403	.7842	1.651	2.100	336.7
#1	.0942	2154.	2167.	7018.	517.1	2163.	-.8324
#2	.0931	2200.	2242.	7096.	529.3	2228.	2.038

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	563.4	-14.81	-1.084	2173.	-45.68	516.6	5.131
SDev	5.3	15.24	1.474	15.	72.65	1.7	3.790
%RSD	.9487	102.9	136.1	.7077	159.0	.3263	73.87
#1	559.6	-25.59	-.0411	2162.	-97.05	515.4	2.451
#2	567.1	-4.038	-2.126	2184.	5.686	517.8	7.811

010444

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.6080	1698.	-3.537
SDev	.8934	10.	4.643
%RSD	146.9	.5866	131.3
#1	.0237	1691.	-.2535
#2	-1.240	1705.	-6.820

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	968	10000	--	--	--	--	--
SDev	7.778174	.0000000	--	--	--	--	--
%RSD	.8039457	.0000000	--	--	--	--	--
#1	973	10000	--	--	--	--	--
#2	962	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 280589 Operator:
Run Time: 07/07/06 14:21:24
Comment:
Mode: CONC Corr. Factor: 1

010445

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0461	-.0012	.1028	.0096	.0004	.0012
SDev	.0004	.0058	.0008	.0036	.0006	.0000	.0008
%RSD	204.1	12.52	68.32	3.456	6.280	2.512	62.30
#1	-.0004	.0420	-.0018	.1053	.0100	.0004	.0007
#2	.0001	.0502	-.0006	.1003	.0092	.0004	.0018

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.11	.0000	.0061	-.0036	-.0014	2.083	1.036
SDev	.03	.0002	.0001	.0037	.0022	.001	.005
%RSD	.1954	661.2	2.460	102.5	152.6	.0449	.5269
#1	16.14	-.0001	.0062	-.0010	.0001	2.082	1.033
#2	16.09	.0002	.0060	-.0062	-.0030	2.083	1.040

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0568	4.380	.1010	-.0016	5.463	7.822
SDev	.0003	.0000	.017	.0004	.0013	.060	.014
%RSD	47.95	.0329	.3869	.4150	85.28	1.104	.1829
#1	.0004	.0569	4.392	.1013	-.0006	5.505	7.812
#2	.0009	.0568	4.368	.1007	-.0025	5.420	7.832

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0283	-.0013	-.0004	-.0022	19.24	-.0012
SDev	.0034	.0003	.0038	.0025	.0017	.04	.0041
%RSD	746.4	1.188	300.9	655.9	79.54	.1869	327.5
#1	.0019	.0281	-.0040	.0014	-.0034	19.22	.0016
#2	-.0029	.0286	.0014	-.0022	-.0010	19.27	-.0041

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.0	.0015	.0010	1.381	-.0007	.0011	.0010
SDev	.3	.0047	.0003	.004	.0004	.0014	.0003
%RSD	.2491	321.3	29.39	.2909	60.22	119.9	30.94
#1	101.2	-.0019	.0012	1.378	-.0004	.0002	.0013
#2	100.8	.0048	.0008	1.384	-.0010	.0021	.0008

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1048	-.0140	-.0009	.0015	-.0029	-.0030	.0003
SDev	.0001	.0085	.0010	.0011	.0049	.0033	.0026
%RSD	.0846	60.76	109.7	70.85	166.7	109.4	830.6
#1	.1049	-.0080	-.0002	.0023	.0005	-.0007	.0022
#2	.1047	-.0200	-.0016	.0008	-.0064	-.0053	-.0015

010446

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0002	.0790	-.0035
SDev	.0006	.0002	.0038
%RSD	256.9	.2061	109.4
#1	.0006	.0791	-.0008
#2	-.0002	.0789	-.0062

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1043637	10000	--	--	--	--	--
SDev	2541.342	.0000000	--	--	--	--	--
%RSD	.2435082	.0000000	--	--	--	--	--
#1	1045434	10000	--	--	--	--	--
#2	1041840	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: 280590 Operator:
Run Time: 07/07/06 14:26:11
Comment:
Mode: CONC Corr. Factor: 1

010447

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0415	-.0027	.0948	.0092	.0004	-.0004
SDev	.0005	.0027	.0030	.0002	.0001	.0000	.0000
%RSD	103.0	6.608	110.2	.1689	1.399	8.073	1.145
#1	-.0009	.0395	-.0006	.0950	.0093	.0004	-.0004
#2	-.0001	.0434	-.0048	.0947	.0091	.0004	-.0004

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.49	.0001	.0077	-.0034	-.0016	2.166	1.020
SDev	.01	.0002	.0006	.0017	.0009	.016	.005
%RSD	.0414	210.0	7.199	51.74	54.09	.7209	.4458
#1	16.49	-.0001	.0073	-.0021	-.0010	2.155	1.017
#2	16.50	.0003	.0081	-.0046	-.0023	2.177	1.023

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0565	4.401	.1011	-.0008	5.350	7.780
SDev	.0011	.0002	.009	.0001	.0000	.116	.049
%RSD	3987.	.2921	.2105	.1048	3.367	2.172	.6297
#1	-.0008	.0567	4.394	.1012	-.0007	5.268	7.815
#2	.0008	.0564	4.407	.1010	-.0008	5.432	7.745

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0291	-.0028	-.0010	-.0058	19.19	-.0054
SDev	.0007	.0031	.0009	.0013	.0037	.07	.0048
%RSD	618.6	10.48	32.51	129.0	64.59	.3676	88.85
#1	.0006	.0269	-.0022	-.0019	-.0084	19.24	-.0088
#2	-.0004	.0312	-.0035	-.0001	-.0031	19.14	-.0020

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.4	.0016	.0006	1.385	-.0016	.0009	.0010
SDev	.4	.0028	.0005	.001	.0006	.0006	.0026
%RSD	.3731	180.8	88.03	.0450	35.31	61.84	252.2
#1	100.7	.0035	.0002	1.386	-.0020	.0013	.0029
#2	100.2	-.0004	.0010	1.385	-.0012	.0005	-.0008

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1052	-.0141	-.0007	.0010	-.0016	-.0030	.0018
SDev	.0001	.0017	.0004	.0010	.0155	.0009	.0023
%RSD	.1016	12.08	51.35	105.9	977.0	30.93	129.7
#1	.1053	-.0129	-.0005	.0017	-.0125	-.0024	.0001
#2	.1052	-.0153	-.0010	.0002	.0094	-.0037	.0034

010448

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0004	.1537	-.0027
SDev	.0001	.0007	.0009
%RSD	28.91	.4529	31.84
#1	.0005	.1532	-.0021
#2	.0003	.1542	-.0033

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1037588	10000	--	--	--	--	--
SDev	3959.091	.0000000	--	--	--	--	--
%RSD	.3815669	.0000000	--	--	--	--	--
#1	1040387	10000	--	--	--	--	--
#2	1034788	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 280643 Operator:
Run Time: 07/07/06 14:30:57
Comment:
Mode: CONC Corr. Factor: 1

010449

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0052	-.0009	.0018	-.0003	-.0000	.0009
SDev	.0000	.0056	.0001	.0022	.0003	.0000	.0003
%RSD	.4796	108.6	11.02	120.7	115.6	12.51	27.39
#1	-.0006	.0092	-.0010	.0033	-.0001	-.0001	.0011
#2	-.0006	.0012	-.0008	.0003	-.0005	-.0000	.0007

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.403	.0000	-.0000	-.0028	-.0018	-.0218	.1583
SDev	.001	.0001	.0006	.0022	.0012	.0018	.0053
%RSD	.0914	286.7	4818.	78.50	68.91	8.334	3.334
#1	1.404	-.0000	.0004	-.0013	-.0009	-.0230	.1620
#2	1.402	.0001	-.0004	-.0044	-.0027	-.0205	.1546

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	-.0000	.1133	-.0002	-.0004	3.677	5.299
SDev	.0003	.0000	.0005	.0002	.0003	.069	.005
%RSD	161.0	63.77	.4418	94.06	69.60	1.864	.0851
#1	.0000	-.0000	.1129	-.0001	-.0002	3.726	5.296
#2	-.0004	-.0000	.1136	-.0004	-.0006	3.629	5.303

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	.0076	-.0024	.0003	-.0046	.9317	-.0026
SDev	.0005	.0046	.0038	.0026	.0024	.0032	.0027
%RSD	34.66	60.32	155.7	751.0	51.32	.3448	103.7
#1	-.0010	.0108	.0002	-.0015	-.0029	.9340	-.0044
#2	-.0017	.0043	-.0051	.0021	-.0063	.9294	-.0007

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.3	-.0021	.0012	1.180	-.0006	.0001	-.0002
SDev	.4	.0017	.0023	.001	.0004	.0021	.0002
%RSD	.3563	83.22	197.5	.0994	75.26	2318.	162.4
#1	100.5	-.0033	-.0005	1.180	-.0009	-.0014	-.0003
#2	100.0	-.0009	.0028	1.179	-.0003	.0016	.0000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0012	-.0072	-.0006	.0016	-.0167	-.0023	-.0002
SDev	.0000	.0054	.0005	.0038	.0090	.0016	.0035
%RSD	2.748	75.42	74.88	235.8	54.19	68.14	1930.
#1	.0012	-.0033	-.0003	-.0011	-.0103	-.0012	-.0027
#2	.0012	-.0110	-.0009	.0043	-.0231	-.0034	.0023

010450

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	.0002	-.0023
SDev	.0004	.0000	.0016
%RSD	86.27	15.02	69.94
#1	-.0002	.0002	-.0012
#2	-.0007	.0002	-.0035

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1036152	10000	--	--	--	--	--
SDev	3674.834	.0000000	--	--	--	--	--
%RSD	.3546615	.0000000	--	--	--	--	--
#1	1038751	10000	--	--	--	--	--
#2	1033554	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 280644 Operator:
Run Time: 07/07/06 14:35:42
Comment:
Mode: CONC Corr. Factor: 1

010451

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0131	-.0010	.0009	-.0003	-.0000	.0028
SDev	.0002	.0054	.0000	.0019	.0005	.0000	.0043
%RSD	93.50	41.41	2.934	209.6	147.8	103.1	158.0
#1	.0001	.0092	-.0010	.0022	.0000	-.0000	-.0003
#2	.0004	.0169	-.0011	-.0004	-.0007	-.0000	.0058

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0345	.0001	.0002	-.0029	-.0016	.0109	.1708
SDev	.0001	.0000	.0005	.0027	.0020	.0033	.0031
%RSD	.2129	23.42	227.5	94.49	124.7	29.83	1.793
#1	.0345	.0001	.0006	-.0009	-.0002	.0132	.1730
#2	.0346	.0001	-.0001	-.0048	-.0030	.0086	.1687

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0000	.1206	-.0002	-.0009	4.034	5.516
SDev	.0000	.0000	.0010	.0004	.0005	.068	.011
%RSD	1.575	8.346	.8190	150.0	59.19	1.675	.2053
#1	.0006	.0001	.1199	.0000	-.0005	4.081	5.508
#2	.0006	.0000	.1213	-.0005	-.0013	3.986	5.524

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0025	.0151	-.0012	-.0000	.0003	.9584	-.0030
SDev	.0029	.0022	.0003	.0002	.0010	.0034	.0034
%RSD	116.9	14.76	26.39	861.0	363.2	.3514	112.7
#1	-.0004	.0135	-.0010	.0001	-.0004	.9608	-.0006
#2	-.0046	.0167	-.0015	-.0002	.0010	.9561	-.0054

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.5	-.0001	-.0004	1.183	-.0004	-.0003	.0001
SDev	.2	.0060	.0015	.002	.0003	.0010	.0022
%RSD	.1852	9884.	379.8	.2043	62.11	342.4	1575.
#1	100.6	.0042	-.0015	1.181	-.0002	.0004	.0017
#2	100.4	-.0043	.0007	1.184	-.0006	-.0010	-.0014

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0110	-.0007	.0035	.0295	-.0020	.0023
SDev	.0000	.0107	.0008	.0011	.0106	.0024	.0031
%RSD	2.099	97.26	117.5	30.92	35.96	123.4	131.4
#1	.0003	-.0034	-.0001	.0028	.0220	-.0002	.0045
#2	.0003	-.0186	-.0013	.0043	.0370	-.0037	.0002

010452

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	.0004	-.0022
SDev	.0006	.0002	.0024
%RSD	118.0	55.53	111.4
#1	-.0001	.0005	-.0005
#2	-.0009	.0002	-.0039

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1038495	10000	--	--	--	--	--
SDev	1880.904	.0000000	--	--	--	--	--
%RSD	.1811183	.0000000	--	--	--	--	--
#1	1039825	10000	--	--	--	--	--
#2	1037165	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: ccv2 Operator:
Run Time: 07/07/06 14:40:30
Comment:
Mode: CONC Corr. Factor: 1

010453

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9819	9.940	5.076	4.920	10.10	.9901	4.997
SDev	.0011	.012	.004	.013	.01	.0001	.003
%RSD	.1106	.1159	.0694	.2620	.0807	.0096	.0693
#1	.9827	9.948	5.078	4.911	10.09	.9901	4.995
#2	.9812	9.932	5.073	4.929	10.10	.9900	5.000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.09	1.006	5.092	1.986	2.010	10.50	18.81
SDev	.05	.001	.005	.001	.001	.02	.01
%RSD	.2374	.0626	.0886	.0336	.0347	.1471	.0596
#1	20.13	1.007	5.095	1.985	2.010	10.51	18.82
#2	20.06	1.006	5.088	1.986	2.009	10.49	18.80
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.967	4.856	19.93	1.018	5.067	27.83	H40.91
SDev	.008	.001	.00	.000	.003	.12	.05
%RSD	.1521	.0171	.0191	.0085	.0606	.4242	.1297
#1	4.973	4.855	19.93	1.018	5.069	27.91	H40.95
#2	4.962	4.856	19.93	1.018	5.065	27.74	H40.87
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.927	5.095	5.004	5.019	1.014	1.020	.9828
SDev	.002	.032	.004	.022	.001	.005	.0010
%RSD	.0379	.6305	.0744	.4350	.1126	.4609	.1058
#1	4.929	5.072	5.007	5.035	1.015	1.024	.9821
#2	4.926	5.117	5.002	5.004	1.013	1.017	.9836
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010454

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.68	5.171	5.205	5.026	5.014	5.194	5.131
SDev	.36	.008	.049	.003	.016	.035	.007
%RSD	.3686	.1579	.9395	.0643	.3151	.6801	.1372
#1	98.93	5.177	5.240	5.028	5.026	5.219	5.126
#2	98.42	5.165	5.170	5.023	5.003	5.169	5.136
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.087	.9855	4.804	5.246	1.040	4.988	H1.174
SDev	.003	.0037	.001	.007	.042	.001	.001
%RSD	.0662	.3761	.0139	.1403	4.043	.0299	.1087
#1	5.085	.9829	4.805	5.241	1.070	4.989	H1.175
#2	5.090	.9881	4.804	5.252	1.010	4.987	H1.173
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.031	1.030	4.810
SDev	.003	.000	.009
%RSD	.0668	.0383	.1903
#1	5.033	1.029	4.817
#2	5.029	1.030	4.804
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010455

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1019624	10000	--	--	--	--	--
SDev	3790.092	.0000000	--	--	--	--	--
%RSD	.3717147	.0000000	--	--	--	--	--
#1	1022304	10000	--	--	--	--	--
#2	1016944	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb2 Operator: 010456
Run Time: 07/07/06 14:45:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	-.0005	-.0002	.0080	.0001	-.0000	.0096
SDev	.0013	.0045	.0006	.0018	.0001	.0001	.0098
%RSD	118.4	868.9	372.1	22.68	184.3	198.8	101.8
#1	.0002	-.0037	.0003	.0093	.0001	-.0001	.0027
#2	.0021	.0026	-.0006	.0067	-.0000	.0000	H.0165
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0032	.0002	.0016	-.0006	-.0001	.0102	.0169
SDev	.0026	.0003	.0009	.0006	.0001	.0464	.0528
%RSD	80.69	137.6	56.34	105.7	118.4	456.7	311.9
#1	.0014	.0000	.0010	-.0001	-.0000	-.0226	-.0204
#2	.0051	.0005	.0022	-.0010	-.0002	.0430	.0543
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0021	.0002	.0162	-.0000	.0007	H.0773	.0072
SDev	.0026	.0002	.0108	.0000	.0001	.3336	.0085
%RSD	123.2	72.08	66.64	10.45	7.324	431.6	118.7
#1	.0003	.0001	.0086	-.0000	.0006	L-.1586	.0012
#2	.0039	.0003	.0239	-.0000	.0007	H.3131	.0132
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0017	.0094	-.0014	.0004	.0042	H.0112	.0002
SDev	.0018	.0026	.0024	.0001	.0104	.0081	.0020
%RSD	103.6	27.60	174.1	24.33	247.0	72.70	819.7
#1	-.0030	H.0112	.0003	.0003	-.0032	.0054	.0017
#2	-.0005	.0076	-.0030	.0004	H.0116	H.0169	-.0012
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010457

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.36	-.0004	.0008	.0076	-.0002	.0004	.0019
SDev	.99	.0019	.0015	.0057	.0007	.0004	.0021
%RSD	.9936	459.8	184.1	74.97	393.4	89.11	106.7
#1	100.1	-.0018	.0019	.0036	.0003	.0007	.0005
#2	98.66	.0009	-.0003	H.0116	-.0007	.0002	.0034
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0030	-.0000	.0034	.0692	-.0003	.0042
SDev	.0001	.0076	.0001	.0011	.0775	.0006	.0052
%RSD	67.29	251.0	540.0	31.52	112.1	173.8	124.5
#1	.0001	.0023	.0001	.0027	.0144	.0001	.0005
#2	.0002	-.0084	-.0001	.0042	H.1239	-.0007	.0078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0003	.0003
SDev	.0001	.0003	.0004
%RSD	70.40	104.7	144.7
#1	-.0000	.0001	-.0000
#2	-.0001	.0005	.0006
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010458

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1026610	10000	--	--	--	--	--
SDev	10161.83	.0000000	--	--	--	--	--
%RSD	.9898439	.0000000	--	--	--	--	--
#1	1033795	10000	--	--	--	--	--
#2	1019424	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 280645 Operator:
Run Time: 07/07/06 14:50:01
Comment:
Mode: CONC Corr. Factor: 1

010459

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	-.0080	.0008	.0042	-.0004	-.0003	.0026
SDev	.0000	.0005	.0017	.0015	.0006	.0000	.0019
%RSD	1.717	6.403	221.8	36.36	123.4	4.457	72.10
#1	-.0002	-.0084	-.0004	.0053	-.0001	-.0003	.0013
#2	-.0002	-.0077	.0020	.0031	-.0008	-.0002	.0039

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0255	-.0001	.0001	-.0023	-.0025	-.0139	-.0240
SDev	.0004	.0000	.0004	.0028	.0017	.0056	.0083
%RSD	1.434	23.12	296.7	120.7	71.21	40.64	34.71
#1	.0253	-.0001	-.0002	-.0003	-.0012	-.0179	-.0299
#2	.0258	-.0001	.0004	-.0043	-.0037	-.0099	-.0181

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0000	.0001	-.0002	.0007	-.2091	.0121
SDev	.0004	.0000	.0024	.0002	.0014	.0003	.0003
%RSD	244.0	89.72	1649.	105.4	196.2	.1318	2.889
#1	.0004	.0000	.0018	-.0001	-.0003	-.2089	.0124
#2	-.0001	.0000	-.0015	-.0003	.0018	-.2093	.0119

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	.0109	.0059	-.0040	-.0028	-.0124	.0519
SDev	.0006	.0036	.0074	.0063	.0010	.0042	.0727
%RSD	57.25	33.33	125.5	157.8	36.11	34.21	140.1
#1	-.0015	.0083	.0007	.0005	-.0035	-.0094	.0005
#2	-.0006	.0135	.0111	-.0085	-.0021	-.0153	.1033

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	109.8	-.0018	.0036	-.0122	-.0007	.0018	.0001
SDev	.5	.0051	.0011	.0002	.0018	.0010	.0001
%RSD	.4547	288.4	30.06	1.637	249.5	53.60	133.4
#1	110.1	.0019	.0029	-.0123	.0005	.0025	.0000
#2	109.4	-.0054	.0044	-.0120	-.0020	.0011	.0002

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0084	-.0010	.0027	.0082	-.0017	.0014
SDev	.0000	.0098	.0013	.0016	.0078	.0017	.0019
%RSD	.5827	117.2	127.6	58.77	94.80	100.3	138.3
#1	.0002	-.0014	-.0001	.0038	.0138	-.0005	.0027
#2	.0002	-.0154	-.0019	.0016	.0027	-.0029	.0000

010460

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	.0003	-.0022
SDev	.0003	.0002	.0025
%RSD	77.00	61.29	114.3
#1	-.0002	.0004	-.0004
#2	-.0007	.0002	-.0039

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1134360	10000	--	--	--	--	--
SDev	5178.143	.0000000	--	--	--	--	--
%RSD	.4564813	.0000000	--	--	--	--	--
#1	1138022	10000	--	--	--	--	--
#2	1130699	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 280646 Operator:
Run Time: 07/07/06 14:54:46 010461
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0409	.0012	.0008	-.0005	-.0001	-.0025
SDev	.0004	.0077	.0010	.0015	.0003	.0000	.0004
%RSD	71.01	18.75	89.85	182.9	57.33	41.98	15.45
#1	-.0008	.0463	.0004	.0019	-.0003	-.0001	-.0028
#2	-.0003	.0355	.0019	-.0002	-.0007	-.0001	-.0022

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.015	-.0001	.0012	-.0040	-.0025	1.971	1.191
SDev	.012	.0002	.0002	.0020	.0015	.022	.025
%RSD	.6095	269.8	13.77	50.47	61.02	1.141	2.106
#1	2.006	.0001	.0011	-.0026	-.0014	1.956	1.173
#2	2.023	-.0002	.0013	-.0055	-.0036	1.987	1.209

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	-.0001	1.925	-.0003	-.0013	1.134	2.046
SDev	.0007	.0001	.008	.0002	.0010	.342	.004
%RSD	248.4	110.3	.3901	67.12	78.17	30.17	.2028
#1	-.0008	-.0001	1.920	-.0002	-.0006	.8917	2.048
#2	.0002	-.0000	1.930	-.0005	-.0020	1.375	2.043

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0033	.0092	-.0031	.0006	-.0064	.0026	-.0118
SDev	.0027	.0014	.0011	.0006	.0073	.0087	.0017
%RSD	82.81	14.89	34.08	108.1	113.0	336.7	14.38
#1	-.0014	.0102	-.0039	.0010	-.0116	-.0036	-.0130
#2	-.0052	.0083	-.0024	.0001	-.0013	.0087	-.0106

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.8	-.0036	.0031	-.0042	-.0006	.0009	-.0014
SDev	.5	.0039	.0021	.0006	.0001	.0001	.0007
%RSD	.5217	109.7	67.10	14.56	10.64	7.367	47.86
#1	102.2	-.0064	.0045	-.0037	-.0006	.0009	-.0009
#2	101.5	-.0008	.0016	-.0046	-.0007	.0008	-.0019

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0144	-.0010	.0011	-.0051	-.0030	.0033
SDev	.0000	.0046	.0006	.0038	.0273	.0014	.0024
%RSD	12.84	32.08	60.03	352.3	537.1	47.12	73.65
#1	.0003	-.0111	-.0006	-.0016	-.0244	-.0020	.0016
#2	.0003	-.0176	-.0014	.0038	.0142	-.0040	.0050

010462

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	-.0001	-.0036
SDev	.0004	.0000	.0014
%RSD	55.34	19.11	39.04
#1	-.0004	-.0001	-.0026
#2	-.0009	-.0002	-.0046

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1052348	10000	--	--	--	--	--
SDev	5400.174	.0000000	--	--	--	--	--
%RSD	.5131550	.0000000	--	--	--	--	--
#1	1056166	10000	--	--	--	--	--
#2	1048529	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 280647 Operator: 010463
Run Time: 07/07/06 14:59:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0128	-.0005	.0017	-.0003	-.0001	.0038
SDev	.0002	.0094	.0004	.0019	.0004	.0000	.0045
%RSD	116.9	73.45	73.53	115.6	140.5	51.71	119.3
#1	-.0003	.0062	-.0007	.0030	-.0000	-.0001	.0006
#2	-.0000	.0195	-.0002	.0003	-.0005	-.0000	.0069

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.039	.0002	.0014	-.0027	-.0015	1.976	1.210
SDev	.016	.0000	.0004	.0023	.0016	.003	.017
%RSD	.7649	1.097	25.38	83.57	108.9	.1398	1.377
#1	2.050	.0002	.0012	-.0011	-.0003	1.978	1.198
#2	2.028	.0002	.0017	-.0043	-.0026	1.974	1.221

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	-.0000	1.944	-.0002	-.0005	1.361	2.039
SDev	.0008	.0000	.012	.0003	.0013	.095	.019
%RSD	134.2	82.46	.6098	128.4	273.7	6.946	.9374
#1	.0000	-.0000	1.952	-.0000	.0004	1.294	2.026
#2	.0011	-.0000	1.935	-.0004	-.0013	1.428	2.053

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0029	.0017	-.0041	.0001	-.0042	.0047	-.0049
SDev	.0013	.0040	.0019	.0025	.0009	.0103	.0035
%RSD	43.60	243.1	46.33	3654.	22.11	220.8	71.64
#1	-.0020	-.0012	-.0055	.0018	-.0048	.0120	-.0074
#2	-.0038	.0045	-.0028	-.0017	-.0035	-.0026	-.0024

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.5	.0014	.0020	-.0018	-.0013	.0018	.0001
SDev	.9	.0043	.0016	.0027	.0010	.0025	.0008
%RSD	.8605	320.2	81.12	149.3	77.02	141.6	734.4
#1	99.93	-.0017	.0008	-.0038	-.0006	-.0000	-.0005
#2	101.2	.0044	.0031	.0001	-.0020	.0036	.0007

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0114	-.0006	.0031	.0286	-.0022	.0009
SDev	.0000	.0111	.0006	.0013	.0412	.0020	.0022
%RSD	9.031	97.62	88.12	42.23	144.1	91.23	227.7
#1	.0003	-.0035	-.0002	.0040	-.0005	-.0008	.0025
#2	.0003	-.0193	-.0010	.0022	.0577	-.0037	-.0006

010464

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	-.0000	-.0019
SDev	.0004	.0000	.0020
%RSD	88.84	9.431	104.7
#1	-.0002	-.0000	-.0005
#2	-.0008	-.0000	-.0034

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1038949	10000	--	--	--	--	--
SDev	8915.202	.0000000	--	--	--	--	--
%RSD	.8580982	.0000000	--	--	--	--	--
#1	1032645	10000	--	--	--	--	--
#2	1045253	10000	--	--	--	--	--

Method: DAILY2 Sample Name: zzzzzz Operator:
Run Time: 07/07/06 15:04:18
Comment:
Mode: CONC Corr. Factor: 1

010465

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	-.0078	-.0026	.0009	-.0001	-.0000	.0037
SDev	.0008	.0041	.0013	.0010	.0000	.0000	.0016
%RSD	674.2	52.70	50.41	111.2	32.49	87.46	44.73
#1	.0004	-.0049	-.0035	.0002	-.0001	-.0001	.0025
#2	-.0007	-.0107	-.0017	.0017	-.0001	-.0000	.0049

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0026	.0002	.0003	-.0009	-.0008	-.0021	.0037
SDev	.0012	.0000	.0003	.0002	.0004	.0120	.0186
%RSD	45.21	17.90	90.38	23.14	44.69	562.5	497.4
#1	.0018	.0002	.0005	-.0010	-.0011	-.0106	-.0094
#2	.0035	.0003	.0001	-.0007	-.0006	.0063	.0169

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0001	.0015	-.0001	-.0002	-.0103	.0076
SDev	.0009	.0001	.0019	.0001	.0010	.1725	.0008
%RSD	626.8	113.5	125.1	69.61	424.9	1682.	10.18
#1	.0005	.0000	.0029	-.0002	.0005	-.1322	.0081
#2	-.0008	.0001	.0002	-.0001	-.0009	.1117	.0070

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0008	.0046	-.0012	-.0013	.0012	.0010	-.0002
SDev	.0002	.0057	.0041	.0039	.0019	.0125	.0007
%RSD	25.36	124.7	350.5	302.3	159.7	1241.	385.5
#1	-.0010	.0087	.0017	-.0040	-.0002	.0099	-.0007
#2	-.0007	.0005	-.0040	.0015	.0026	-.0079	.0003

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.4	.0036	-.0005	-.0009	-.0012	.0009	.0014
SDev	.6	.0042	.0036	.0010	.0012	.0010	.0005
%RSD	.5817	116.2	741.3	104.6	99.74	118.7	36.44
#1	100.8	.0065	-.0031	-.0002	-.0021	.0001	.0017
#2	100.0	.0006	.0021	-.0016	-.0004	.0016	.0010

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	-.0039	-.0003	.0023	.0037	-.0014	-.0006
SDev	.0000	.0034	.0002	.0026	.0448	.0009	.0002
%RSD	126.3	86.00	71.14	110.8	1197.	68.81	39.68
#1	.0000	-.0063	-.0004	.0041	.0354	-.0021	-.0007
#2	.0000	-.0015	-.0001	.0005	-.0279	-.0007	-.0004

010466

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	-.0000	-.0008
SDev	.0001	.0003	.0004
%RSD	56.24	31490.	55.35
#1	-.0003	-.0002	-.0011
#2	-.0001	.0002	-.0005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1037684	10000	--	--	--	--	--
SDev	5975.759	.0000000	--	--	--	--	--
%RSD	.5758744	.0000000	--	--	--	--	--
#1	1041910	10000	--	--	--	--	--
#2	1033459	10000	--	--	--	--	--

Method: DAILY2 Sample Name: cri Operator:
Run Time: 07/07/06 15:09:03
Comment:
Mode: CONC Corr. Factor: 1

010467

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0203	.0946	.0192	.1003	.0203	.0100	-.0005
SDev	.0004	.0103	.0004	.0004	.0001	.0000	.0000
%RSD	1.814	10.83	2.030	.3756	.7563	.2170	1.140
#1	.0205	.1019	.0190	.1006	.0202	.0100	-.0005
#2	.0200	.0874	.0195	.1001	.0204	.0100	-.0005
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	.0300		.0300	.1500	.0300	.0150	
Low	.0100		.0100	.0500	.0100	.0050	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0029	.0100	.1021	.0190	.0485	.0873	-.0228
SDev	.0010	.0001	.0010	.0005	.0005	.0183	.0059
%RSD	34.75	1.240	.9432	2.577	.9771	20.99	26.04
#1	-.0022	.0101	.1028	.0187	.0481	.1002	-.0186
#2	-.0036	.0100	.1014	.0194	.0488	.0743	-.0270
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High		.0150	.1500	.0300	.0750	.1500	
Low		.0050	.0500	.0100	.0250	.0500	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0688	.0028	.0303	.0206	-.1574	-.0006
SDev	.0008	.0002	.0069	.0000	.0003	.2010	.0033
%RSD	108.9	.2862	252.7	.0917	1.444	127.6	543.3
#1	.0013	.0689	.0077	.0304	.0204	-.0153	.0017
#2	.0002	.0686	-.0022	.0303	.0208	-.2995	-.0029
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High		.1500		.0450	.0300		
Low		.0500		.0150	.0100		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0785	.1038	.0078	.0054	-.0027	.0030	.1219
SDev	.0008	.0070	.0024	.0031	.0037	.0066	.0035
%RSD	1.077	6.735	30.71	56.93	136.5	220.2	2.870
#1	.0791	.0989	.0095	.0033	-.0001	.0076	.1194
#2	.0779	.1088	.0061	.0076	-.0053	-.0017	.1244
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	.1200	.1500					.1800
Low	.0400	.0500					.0600

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010468

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.83	.0120	.0091	.1023	.0063	.0101	.1026
SDev	.33	.0030	.0001	.0022	.0013	.0009	.0032
%RSD	.3310	25.20	1.223	2.188	20.20	9.253	3.082
#1	99.59	.0141	.0090	.1039	.0054	.0108	.1048
#2	100.1	.0099	.0092	.1007	.0072	.0094	.1004
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.1500	.0090	.0150	.1500
Low				.0500	.0030	.0050	.0500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0209	-.0012	.0188	.0197	.2187	.0996	.0018
SDev	.0000	.0024	.0001	.0007	.0253	.0003	.0020
%RSD	.1559	205.3	.3981	3.331	11.56	.3352	112.5
#1	.0209	-.0029	.0187	.0193	.2366	.0998	.0032
#2	.0208	.0005	.0189	.0202	.2008	.0993	.0004
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	.0300		.0300	.0300		.1500	
Low	.0100		.0100	.0100		.0500	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0418	.0898
SDev	.0002	.0000	.0010
%RSD	126.6	.0623	1.139
#1	-.0002	.0418	.0890
#2	-.0000	.0418	.0905
Errors	NOCHECK	LC Pass	NOCHECK
High		.0600	
Low		.0200	

010469

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1031452	10000	--	--	--	--	--
SDev	3388.456	.0000000	--	--	--	--	--
%RSD	.3285132	.0000000	--	--	--	--	--
#1	1029056	10000	--	--	--	--	--
#2	1033848	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsa Operator:
Run Time: 07/07/06 15:13:52
Comment:
Mode: CONC Corr. Factor: 1

010470

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	508.4	.0021	-.0153	.0024	.0001	.0042
SDev	.0003	.4	.0067	.0005	.0000	.0000	.0010
%RSD	59.54	.0800	316.3	3.253	1.241	4.165	25.04
#1	.0003	508.7	-.0026	-.0150	.0024	.0001	.0034
#2	.0007	508.1	.0068	-.0157	.0024	.0001	.0049
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		600.0					
Low		400.0					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	455.6	.0020	.0013	-.0009	.0014	189.8	-.0215
SDev	.9	.0004	.0008	.0009	.0000	.3	.0167
%RSD	.2019	21.14	64.17	92.39	.1182	.1412	77.46
#1	456.2	.0023	.0007	-.0015	.0014	189.9	-.0333
#2	454.9	.0017	.0019	-.0003	.0014	189.6	-.0097
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	600.0					240.0	
Low	400.0					160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0053	.0005	530.7	.0066	-.0030	.2725	.0099
SDev	.0004	.0000	.3	.0000	.0003	.0664	.0050
%RSD	8.314	7.733	.0535	.5310	11.17	24.38	50.30
#1	.0049	.0005	530.5	.0066	-.0033	.2255	.0064
#2	.0056	.0006	530.9	.0066	-.0028	.3194	.0134
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			600.0				
Low			400.0				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	-.0142	.0152	-.0089	-.0036	.0177	.0008
SDev	.0001	.0021	.0009	.0002	.0033	.0016	.0012
%RSD	18.06	14.51	6.233	2.290	90.98	9.151	154.8
#1	.0005	-.0157	.0145	-.0090	-.0060	.0188	.0017
#2	.0007	-.0127	.0159	-.0087	-.0013	.0166	-.0001
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010471

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.29	.0003	-.0087	.0336	-.0008	-.0057	-.0045
SDev	.30	.0056	.0004	.0011	.0004	.0016	.0021
%RSD	.3353	1688.	4.519	3.336	53.96	28.17	47.46
#1	90.08	-.0036	-.0084	.0344	-.0012	-.0068	-.0030
#2	90.50	.0043	-.0090	.0328	-.0005	-.0045	-.0060
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0169	-.0233	-.0007	.0041	-.0088	-.0011	.0035
SDev	.0000	.0009	.0000	.0022	.0245	.0004	.0008
%RSD	.0690	3.991	4.174	52.93	278.3	37.85	23.74
#1	.0169	-.0240	-.0007	.0026	-.0262	-.0014	.0029
#2	.0169	-.0227	-.0006	.0056	.0085	-.0008	.0041
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	.0073	-.0009
SDev	.0001	.0002	.0005
%RSD	13.96	2.892	54.54
#1	-.0005	.0074	-.0012
#2	-.0004	.0071	-.0005
Errors	NOCHECK	NOCHECK	NOCHECK
High			
Low			

010472

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	932898	10000	--	--	--	--	--
SDev	3140.968	.0000000	--	--	--	--	--
%RSD	.3366893	.0000000	--	--	--	--	--
#1	930677	10000	--	--	--	--	--
#2	935119	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsab Operator: 010473
Run Time: 07/07/06 15:18:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.102	503.9	1.042	1.020	.5482	.4955	.0019
SDev	.003	.4	.002	.001	.0003	.0012	.0016
%RSD	.3054	.0819	.1950	.0710	.0608	.2448	86.32
#1	1.104	504.2	1.043	1.020	.5484	.4963	.0030
#2	1.099	503.6	1.040	1.021	.5480	.4946	.0007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	1.200	600.0	1.200	1.200	.6000	.6000	
Low	.8000	400.0	.8000	.8000	.4000	.4000	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	450.9	.9595	.4881	.4922	.5626	187.3	-.0466
SDev	1.9	.0042	.0005	.0021	.0010	.4	.0072
%RSD	.4152	.4345	.1112	.4334	.1847	.2301	15.52
#1	452.2	.9624	.4885	.4937	.5634	187.7	-.0517
#2	449.6	.9565	.4877	.4907	.5619	187.0	-.0415
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	600.0	1.200	.6000	.6000	.6000	240.0	
Low	400.0	.8000	.4000	.4000	.4000	160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0039	H1.266	525.1	.5058	1.016	.1931	.0010
SDev	.0009	.001	1.4	.0010	.001	.1457	.0042
%RSD	22.38	.1064	.2743	.2018	.1309	75.49	403.0
#1	.0045	H1.266	526.1	.5065	1.015	.0900	-.0019
#2	.0033	H1.267	524.1	.5051	1.017	.2961	.0040
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High		1.200	600.0	.6000	1.200		
Low		.8000	400.0	.4000	.8000		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9298	1.035	.9965	.9800	-.0041	.0157	1.028
SDev	.0074	.009	.0116	.0040	.0003	.0019	.001
%RSD	.7916	.8503	1.161	.4060	7.379	11.80	.0856
#1	.9350	1.042	1.005	.9828	-.0043	.0144	1.028
#2	.9246	1.029	.9883	.9772	-.0038	.0170	1.029
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.200	1.200					1.200
Low	.8000	.8000					.8000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010474

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.69	1.007	1.011	1.060	.9855	1.010	1.035
SDev	.42	.005	.013	.002	.0065	.007	.001
%RSD	.4597	.4511	1.261	.2158	.6605	.6913	.1359
#1	90.40	1.004	1.020	1.062	.9901	1.014	1.036
#2	90.99	1.010	1.002	1.058	.9809	1.005	1.034
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High					1.200	1.200	1.200
Low					.8000	.8000	.8000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.078	-.0169	.9656	1.000	.9262	.5001	.0060
SDev	.000	.0000	.0016	.002	.0107	.0016	.0026
%RSD	.0101	.0467	.1655	.2296	1.160	.3304	43.20
#1	1.078	-.0169	.9668	1.002	.9338	.5013	.0079
#2	1.078	-.0168	.9645	.9988	.9186	.4990	.0042
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	1.200		1.200	1.200		.6000	
Low	.8000		.8000	.8000		.4000	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0007	.9447	.9118
SDev	.0001	.0026	.0045
%RSD	10.78	.2771	.4951
#1	-.0007	.9466	.9150
#2	-.0008	.9429	.9086
Errors	NOCHECK	LC Pass	NOCHECK
High		1.200	
Low		.8000	

010475

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	937107	10000	--	--	--	--	--
SDev	4375.577	.0000000	--	--	--	--	--
%RSD	.4669239	.0000000	--	--	--	--	--
#1	934013	10000	--	--	--	--	--
#2	940201	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccv3 Operator:
Run Time: 07/07/06 15:23:28 010476
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9808	9.923	5.071	4.904	10.05	.9922	4.992
SDev	.0003	.001	.006	.005	.03	.0011	.007
%RSD	.0276	.0119	.1120	.1111	.3044	.1074	.1401
#1	.9810	9.922	5.067	4.900	10.08	.9914	4.997
#2	.9806	9.923	5.075	4.908	10.03	.9929	4.987
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.14	1.003	5.080	1.986	2.010	10.46	18.85
SDev	.08	.001	.012	.005	.007	.01	.05
%RSD	.3729	.0671	.2394	.2348	.3509	.1214	.2511
#1	20.09	1.002	5.071	1.983	2.015	10.47	18.89
#2	20.19	1.003	5.088	1.989	2.005	10.45	18.82
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.974	4.856	19.95	1.017	5.059	27.94	H40.88
SDev	.004	.012	.05	.002	.004	.08	.17
%RSD	.0850	.2427	.2269	.1609	.0885	.2965	.4140
#1	4.977	4.865	19.91	1.016	5.056	27.88	H41.00
#2	4.971	4.848	19.98	1.018	5.062	28.00	H40.76
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.892	5.055	4.999	4.986	1.024	1.017	.9799
SDev	.008	.006	.014	.017	.001	.001	.0043
%RSD	.1550	.1237	.2813	.3321	.1185	.0762	.4387
#1	4.887	5.050	4.989	4.974	1.023	1.018	.9769
#2	4.897	5.059	5.009	4.998	1.025	1.017	.9830
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010477

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.73	5.184	5.177	5.029	4.990	5.179	5.126
SDev	.80	.009	.009	.011	.016	.009	.005
%RSD	.8099	.1784	.1748	.2272	.3152	.1760	.0967
#1	99.30	5.191	5.183	5.037	4.979	5.186	5.123
#2	98.17	5.178	5.170	5.021	5.001	5.173	5.130
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.099	.9839	4.806	5.216	1.078	4.986	H1.172
SDev	.003	.0026	.000	.006	.031	.000	.005
%RSD	.0666	.2649	.0009	.1236	2.837	.0024	.4136
#1	5.101	.9858	4.806	5.221	1.057	4.986	H1.168
#2	5.097	.9821	4.806	5.212	1.100	4.986	H1.175
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.030	1.028	4.837
SDev	.006	.007	.001
%RSD	.1127	.6358	.0219
#1	5.034	1.023	4.836
#2	5.026	1.033	4.837
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010478

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1020244	10000	--	--	--	--	--
SDev	8242.744	.0000000	--	--	--	--	--
%RSD	.8079185	.0000000	--	--	--	--	--
#1	1026073	10000	--	--	--	--	--
#2	1014416	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb3 Operator: 010479
Run Time: 07/07/06 15:28:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	-.0113	-.0007	.0082	.0000	-.0001	-.0012
SDev	.0014	.0079	.0019	.0016	.0001	.0000	.0068
%RSD	302.4	69.76	274.3	19.78	164.8	21.54	557.6
#1	.0005	-.0057	.0007	.0093	.0001	-.0001	.0036
#2	-.0015	-.0169	-.0020	.0070	-.0000	-.0001	-.0060
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0020	-.0001	.0001	-.0007	-.0002	-.0107	-.0219
SDev	.0013	.0005	.0007	.0005	.0002	.0116	.0200
%RSD	62.13	383.1	970.7	76.38	117.2	108.1	91.31
#1	.0011	.0002	.0006	-.0003	-.0000	-.0025	-.0078
#2	.0029	-.0004	-.0004	-.0011	-.0004	-.0189	-.0361
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0001	-.0020	-.0001	.0007	L-.2973	.0053
SDev	.0016	.0001	.0129	.0000	.0001	.2418	.0011
%RSD	307.0	93.31	638.5	31.16	9.344	81.32	21.13
#1	.0006	.0001	.0071	-.0001	.0007	L-.1263	.0061
#2	-.0016	.0000	-.0112	-.0001	.0007	L-.4682	.0045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	.0058	-.0062	.0030	-.0028	-.0031	-.0031
SDev	.0005	.0036	.0062	.0043	.0024	.0014	.0003
%RSD	52.60	61.58	99.59	141.1	85.16	45.78	10.50
#1	-.0013	.0083	-.0018	.0000	-.0011	-.0021	-.0029
#2	-.0006	.0033	-.0106	.0061	-.0046	-.0041	-.0034
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010480

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.6	.0015	.0030	-.0005	-.0000	.0025	.0013
SDev	.2	.0073	.0007	.0030	.0008	.0029	.0015
%RSD	.1688	504.1	22.05	648.4	2171.	114.5	109.8
#1	100.7	.0066	.0035	.0017	-.0006	.0046	.0024
#2	100.5	-.0037	.0026	-.0026	.0005	.0005	.0003
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	-.0025	-.0002	.0022	-.0163	-.0006	.0011
SDev	.0001	.0001	.0001	.0030	.0626	.0002	.0013
%RSD	1349.	3.154	27.85	136.8	383.3	29.41	120.3
#1	.0001	-.0026	-.0002	.0043	.0279	-.0007	.0002
#2	-.0001	-.0025	-.0002	.0001	-.0606	-.0005	.0020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0003	-.0006
SDev	.0000	.0006	.0004
%RSD	.0145	192.8	71.96
#1	-.0001	-.0001	-.0003
#2	-.0001	.0008	-.0009
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010481

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1039682	10000	--	--	--	--	--
SDev	1731.705	.0000000	--	--	--	--	--
%RSD	.1665610	.0000000	--	--	--	--	--
#1	1040906	10000	--	--	--	--	--
#2	1038457	10000	--	--	--	--	--

Method: DAILY2 Sample Name: pbw-G07H3 Operator:
Run Time: 07/07/06 15:33:02
Comment:
Mode: CONC Corr. Factor: 1

010482

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0106	-.0015	.0061	.0000	-.0001	.0036
SDev	.0005	.0046	.0011	.0007	.0001	.0000	.0023
%RSD	134.7	43.56	74.06	11.41	161.5	32.36	64.15
#1	.0007	.0138	-.0023	.0056	-.0000	-.0001	.0020
#2	.0000	.0073	-.0007	.0065	.0001	-.0001	.0052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0294	.0003	.0006	-.0003	.0001	-.0218	-.0006
SDev	.0012	.0003	.0006	.0009	.0004	.0004	.0055
%RSD	4.171	92.24	94.41	362.5	325.7	1.643	959.3
#1	.0286	.0005	.0010	-.0009	-.0002	-.0216	-.0044
#2	.0303	.0001	.0002	.0004	.0004	-.0221	.0033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0000	.0033	-.0000	.0006	L-.2463	.0043
SDev	.0009	.0000	.0046	.0001	.0006	.0195	.0012
%RSD	136.4	192.5	140.3	1271.	98.17	7.901	29.09
#1	.0014	-.0000	.0065	-.0001	.0002	L-.2325	.0052
#2	.0000	.0000	.0000	.0001	.0009	L-.2600	.0034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0054	-.0029	.0015	-.0039	-.0027	-.0000
SDev	.0007	.0070	.0016	.0010	.0011	.0026	.0045
%RSD	599.8	128.0	56.07	65.63	27.65	98.86	55560.
#1	-.0004	.0005	-.0017	.0008	-.0047	-.0008	-.0032
#2	.0007	H.0104	-.0040	.0022	-.0031	-.0045	.0032
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010483

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.30	-.0030	.0008	.0006	.0000	-.0005	.0001
SDev	.55	.0015	.0022	.0026	.0001	.0019	.0021
%RSD	.5546	49.81	274.5	460.8	327.9	409.5	1475.
#1	99.69	-.0041	-.0007	.0024	-.0000	-.0019	-.0014
#2	98.91	-.0020	.0023	-.0013	.0001	.0009	.0016
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0023	-.0000	.0021	.0288	-.0002	.0018
SDev	.0000	.0025	.0001	.0002	.0299	.0006	.0027
%RSD	12.17	108.9	313.8	8.268	103.5	313.6	146.4
#1	.0003	-.0041	-.0001	.0020	.0500	-.0006	.0037
#2	.0002	-.0005	.0001	.0023	.0077	.0002	-.0001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0002	-.0001
SDev	.0000	.0002	.0003
%RSD	784.8	72.35	422.2
#1	-.0000	.0001	-.0003
#2	.0000	.0004	.0001
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010484

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1026063	10000	--	--	--	--	--
SDev	5717.666	.0000000	--	--	--	--	--
%RSD	.5572431	.0000000	--	--	--	--	--
#1	1030106	10000	--	--	--	--	--
#2	1022020	10000	--	--	--	--	--

Method: DAILY2 Sample Name: lcsw-G07H3 Operator:
Run Time: 07/07/06 15:37:47
Comment:
Mode: CONC Corr. Factor: 1

010485

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0483	1.937	1.971	.0025	1.999	.0495	-.0021
SDev	.0008	.004	.008	.0000	.007	.0002	.0008
%RSD	1.695	.1853	.4152	1.099	.3389	.3823	40.98
#1	.0477	1.935	1.965	.0025	2.004	.0494	-.0015
#2	.0489	1.940	1.977	.0026	1.994	.0496	-.0027

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.35	.0488	.4929	.1900	.2409	1.092	17.04
SDev	.12	.0002	.0015	.0005	.0003	.017	.02
%RSD	.6141	.3266	.3032	.2782	.1085	1.520	.1265
#1	20.26	.0487	.4918	.1896	.2411	1.080	17.05
#2	20.44	.0489	.4939	.1904	.2407	1.104	17.02

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0001	20.13	.4966	-.0013	17.27	25.79
SDev	.0013	.0001	.02	.0005	.0002	.09	.07
%RSD	417.9	74.13	.0983	.0947	17.20	.5242	.2550
#1	-.0012	.0001	20.12	.4963	-.0015	17.20	25.84
#2	.0006	.0002	20.15	.4969	-.0011	17.33	25.74

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4742	4.037	.4790	.4777	-.0055	-.0025	.4790
SDev	.0025	.002	.0040	.0049	.0034	.0099	.0033
%RSD	.5282	.0612	.8356	1.017	62.39	391.7	.6955
#1	.4724	4.039	.4818	.4743	-.0079	-.0095	.4766
#2	.4760	4.036	.4762	.4811	-.0031	.0045	.4813

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.38	2.006	2.013	4.008	.4781	2.010	-.0009
SDev	.48	.023	.006	.004	.0019	.004	.0013
%RSD	.4859	1.149	.3097	.0923	.3980	.1756	141.5
#1	99.72	1.990	2.017	4.011	.4768	2.008	-.0019
#2	99.04	2.022	2.008	4.005	.4795	2.013	.0000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	-.0281	-.0006	2.024	-.0216	.4835	.0029
SDev	.0000	.0005	.0000	.010	.0308	.0002	.0054
%RSD	3.170	1.776	3.354	.5002	142.3	.0343	186.1
#1	.0009	-.0277	-.0006	2.017	-.0434	.4836	-.0009
#2	.0009	-.0284	-.0006	2.032	.0001	.4834	.0068

010486

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0007	.4930	-.0020
SDev	.0000	.0032	.0002
%RSD	.9864	.6394	7.776
#1	-.0007	.4908	-.0021
#2	-.0007	.4953	-.0018

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1026895	10000	--	--	--	--	--
SDev	5058.642	.0000000	--	--	--	--	--
%RSD	.4926153	.0000000	--	--	--	--	--
#1	1030472	10000	--	--	--	--	--
#2	1023318	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282158 Operator:
Run Time: 07/07/06 15:42:33
Comment:
Mode: CONC Corr. Factor: 1

010487

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0060	-.0014	.0088	.0523	-.0001	-.0005
SDev	.0001	.0037	.0007	.0031	.0002	.0000	.0021
%RSD	26.83	62.54	50.21	35.60	.4275	6.161	401.7
#1	-.0004	.0033	-.0020	.0110	.0524	-.0001	.0009
#2	-.0005	.0086	-.0009	.0066	.0521	-.0001	-.0020

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.352	-.0002	.0010	-.0029	-.0017	-.0114	.2985
SDev	.008	.0000	.0005	.0034	.0020	.0017	.0003
%RSD	.5645	3.327	47.48	117.3	121.8	14.82	.0976
#1	1.357	-.0002	.0014	-.0005	-.0002	-.0102	.2983
#2	1.347	-.0002	.0007	-.0053	-.0031	-.0126	.2988

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0000	.1437	-.0001	-.0007	4.013	5.880
SDev	.0004	.0000	.0018	.0003	.0008	.006	.026
%RSD	45.20	153.5	1.262	605.2	114.9	.1454	.4455
#1	-.0006	.0000	.1450	.0002	-.0001	4.017	5.861
#2	-.0011	-.0000	.1424	-.0003	-.0012	4.008	5.898

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0023	.0152	.0003	-.0019	-.0061	.9462	-.0042
SDev	.0025	.0023	.0020	.0012	.0020	.0089	.0041
%RSD	111.5	15.05	815.5	65.72	33.37	.9412	97.87
#1	-.0005	.0168	-.0012	-.0010	-.0047	.9399	-.0013
#2	-.0041	.0136	.0017	-.0028	-.0075	.9525	-.0071

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.1	.0005	.0012	1.247	-.0012	.0010	.0006
SDev	.5	.0016	.0002	.001	.0002	.0004	.0011
%RSD	.4665	325.7	15.06	.0887	12.94	43.29	167.8
#1	99.80	-.0007	.0013	1.246	-.0011	.0007	-.0001
#2	100.5	.0017	.0011	1.248	-.0013	.0013	.0014

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0035	-.0100	-.0009	.0020	-.0310	-.0030	-.0017
SDev	.0000	.0110	.0009	.0000	.0028	.0026	.0009
%RSD	.0786	109.8	103.5	2.079	9.033	87.77	52.62
#1	.0035	-.0022	-.0002	.0020	-.0290	-.0011	-.0010
#2	.0035	-.0178	-.0016	.0020	-.0330	-.0048	-.0023

010488

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.0016	-.0034
SDev	.0006	.0000	.0031
%RSD	99.18	1.169	92.08
#1	-.0002	.0016	-.0012
#2	-.0011	.0016	-.0055

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1034684	10000	--	--	--	--	--
SDev	4838.732	.0000000	--	--	--	--	--
%RSD	.4676529	.0000000	--	--	--	--	--
#1	1031263	10000	--	--	--	--	--
#2	1038106	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282158d Operator:
Run Time: 07/07/06 15:47:28
Comment:
Mode: CONC Corr. Factor: 1

010489

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0001	-.0012	.0099	.0518	-.0001	.0010
SDev	.0001	.0032	.0014	.0010	.0001	.0000	.0042
%RSD	93.63	3172.	115.5	10.46	.1479	5.706	398.4
#1	.0002	-.0023	-.0022	.0106	.0519	-.0001	.0040
#2	.0000	.0021	-.0002	.0091	.0517	-.0001	-.0019

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.345	.0000	.0007	-.0017	-.0008	-.0075	.3068
SDev	.003	.0001	.0008	.0010	.0009	.0031	.0070
%RSD	.2003	359.0	117.1	54.48	119.8	40.70	2.290
#1	1.347	.0001	.0013	-.0011	-.0001	-.0053	.3019
#2	1.343	-.0001	.0001	-.0024	-.0014	-.0097	.3118

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0001	.1468	.0001	-.0002	4.093	5.816
SDev	.0004	.0000	.0040	.0001	.0003	.113	.042
%RSD	605.7	1.367	2.731	75.25	165.3	2.753	.7206
#1	.0003	.0001	.1496	.0002	.0000	4.172	5.786
#2	-.0002	.0001	.1440	.0001	-.0004	4.013	5.845

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	.0062	-.0007	-.0006	-.0036	.9460	-.0033
SDev	.0007	.0056	.0026	.0008	.0003	.0130	.0029
%RSD	55.97	89.73	354.8	118.0	9.689	1.370	85.47
#1	-.0007	.0023	-.0026	-.0001	-.0038	.9552	-.0013
#2	-.0017	.0102	.0011	-.0012	-.0033	.9369	-.0054

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.95	-.0026	.0043	1.238	-.0007	.0020	.0017
SDev	.35	.0019	.0014	.002	.0004	.0003	.0028
%RSD	.3494	75.18	33.81	.1267	54.99	15.72	168.6
#1	99.71	-.0012	.0032	1.239	-.0009	.0018	.0037
#2	100.2	-.0040	.0053	1.237	-.0004	.0022	-.0003

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0035	-.0053	-.0003	.0002	-.0003	-.0016	.0012
SDev	.0000	.0035	.0003	.0010	.0121	.0009	.0042
%RSD	.0247	65.87	98.44	409.5	4776.	55.88	366.6
#1	.0035	-.0028	-.0001	-.0005	.0083	-.0010	.0041
#2	.0035	-.0078	-.0005	.0009	-.0088	-.0022	-.0018

010490

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0013	-.0013
SDev	.0002	.0000	.0007
%RSD	70.53	2.493	48.57
#1	-.0001	.0013	-.0009
#2	-.0004	.0013	-.0018

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1032801	10000	--	--	--	--	--
SDev	3587.860	.0000000	--	--	--	--	--
%RSD	.3473912	.0000000	--	--	--	--	--
#1	1030264	10000	--	--	--	--	--
#2	1035338	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282159 Operator:
Run Time: 07/07/06 15:52:23
Comment:
Mode: CONC Corr. Factor: 1

010491

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	.0069	-.0005	.0333	.0776	-.0001	-.0008
SDev	.0004	.0016	.0018	.0007	.0001	.0000	.0054
%RSD	92.40	23.55	331.7	2.127	.0605	36.52	722.0
#1	-.0002	.0081	-.0018	.0338	.0776	-.0001	.0031
#2	-.0008	.0058	.0007	.0328	.0776	-.0001	-.0046

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3934	-.0001	.0009	-.0005	-.0001	.0135	.3656
SDev	.0013	.0001	.0004	.0015	.0011	.0126	.0316
%RSD	.3235	86.85	40.80	291.0	1090.	93.58	8.636
#1	.3925	-.0001	.0011	.0006	.0007	.0046	.3432
#2	.3943	-.0002	.0006	-.0016	-.0009	.0224	.3879

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0003	.0714	.0000	-.0002	7.385	9.797
SDev	.0008	.0001	.0016	.0002	.0001	.289	.041
%RSD	282.0	50.02	2.191	523.2	31.14	3.911	.4222
#1	.0003	.0002	.0725	.0002	-.0003	7.180	9.768
#2	-.0009	.0004	.0703	-.0001	-.0002	7.589	9.826

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	.0097	-.0022	.0004	.0010	.9370	.0025
SDev	.0018	.0036	.0012	.0004	.0061	.0225	.0058
%RSD	154.4	37.25	55.94	92.68	634.4	2.400	229.5
#1	.0001	.0072	-.0031	.0001	-.0034	.9211	.0067
#2	-.0025	.0123	-.0013	.0007	.0053	.9529	-.0016

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.71	-.0016	.0007	1.383	-.0005	-.0001	.0013
SDev	.48	.0007	.0002	.001	.0007	.0003	.0009
%RSD	.4777	42.18	22.50	.0817	143.7	595.2	71.29
#1	99.38	-.0021	.0006	1.382	-.0009	-.0003	.0019
#2	100.1	-.0011	.0008	1.383	.0000	.0002	.0006

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0021	-.0024	.0003	-.0026	-.0152	-.0006	-.0006
SDev	.0000	.0051	.0005	.0011	.0347	.0013	.0004
%RSD	2.159	217.2	189.9	40.38	228.2	211.3	55.65
#1	.0021	.0013	.0006	-.0034	.0093	.0003	-.0009
#2	.0020	-.0060	-.0001	-.0019	-.0397	-.0015	-.0004

010492

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0005	-.0003
SDev	.0003	.0001	.0015
%RSD	642.8	24.74	432.6
#1	.0002	.0005	.0007
#2	-.0003	.0004	-.0014

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1030356	10000	--	--	--	--	--
SDev	4924.292	.0000000	--	--	--	--	--
%RSD	.4779214	.0000000	--	--	--	--	--
#1	1026874	10000	--	--	--	--	--
#2	1033838	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282159s Operator:
Run Time: 07/07/06 15:57:09
Comment:
Mode: CONC Corr. Factor: 1

010493

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0479	1.932	1.958	.0308	2.039	.0488	.0041
SDev	.0001	.001	.002	.0011	.002	.0000	.0022
%RSD	.1637	.0443	.1168	3.427	.1000	.0299	54.90
#1	.0479	1.932	1.960	.0316	2.037	.0487	.0025
#2	.0480	1.931	1.957	.0301	2.040	.0488	.0057

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.61	.0479	.4871	.1871	.2381	1.109	18.24
SDev	.00	.0002	.0003	.0001	.0006	.012	.02
%RSD	.0193	.3442	.0645	.0357	.2317	1.068	.0832
#1	20.62	.0480	.4869	.1871	.2377	1.117	18.25
#2	20.61	.0477	.4874	.1872	.2385	1.100	18.23

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0004	20.13	.4896	-.0011	26.14	37.57
SDev	.0000	.0000	.02	.0002	.0002	.14	.06
%RSD	17.66	6.435	.0790	.0486	18.67	.5189	.1514
#1	-.0001	.0003	20.14	.4898	-.0013	26.23	37.61
#2	-.0001	.0004	20.11	.4895	-.0010	26.04	37.53

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4635	4.037	.4743	.4725	-.0035	.9532	.4785
SDev	.0006	.006	.0040	.0016	.0009	.0004	.0001
%RSD	.1231	.1508	.8370	.3381	25.34	.0377	.0243
#1	.4631	4.041	.4715	.4737	-.0029	.9530	.4784
#2	.4639	4.032	.4771	.4714	-.0041	.9535	.4786

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.79	2.011	2.000	5.400	.4731	2.004	.0007
SDev	.42	.005	.007	.005	.0003	.007	.0008
%RSD	.4182	.2554	.3639	.0874	.0534	.3276	102.9
#1	99.49	2.008	1.995	5.404	.4730	1.999	.0002
#2	100.1	2.015	2.005	5.397	.4733	2.008	.0013

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0028	-.0273	-.0001	1.999	.0043	.4773	.0007
SDev	.0000	.0015	.0001	.000	.0123	.0007	.0011
%RSD	.1375	5.402	56.05	.0094	286.9	.1460	143.7
#1	.0028	-.0263	-.0001	1.999	-.0044	.4778	-.0000
#2	.0028	-.0284	-.0001	1.999	.0130	.4769	.0015

010494

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.4874	-.0015
SDev	.0001	.0002	.0001
%RSD	11.96	.0426	7.131
#1	-.0005	.4875	-.0014
#2	-.0006	.4872	-.0016

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1031044	10000	--	--	--	--	--
SDev	4360.020	.0000000	--	--	--	--	--
%RSD	.4228743	.0000000	--	--	--	--	--
#1	1027961	10000	--	--	--	--	--
#2	1034127	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282160 Operator:
Run Time: 07/07/06 16:01:56
Comment:
Mode: CONC Corr. Factor: 1

010495

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.1111	.0006	.0179	.0667	.0000	.0027
SDev	.0002	.0034	.0027	.0023	.0002	.0000	.0034
%RSD	74.46	3.025	478.2	12.64	.2460	249.9	124.2
#1	-.0004	.1087	.0024	.0195	.0668	-.0000	.0051
#2	-.0001	.1134	-.0013	.0163	.0666	.0000	.0003

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.726	-.0001	.0008	-.0022	-.0011	-.0123	.4291
SDev	.003	.0001	.0001	.0021	.0012	.0148	.0018
%RSD	.1957	105.8	13.29	96.95	100.9	120.4	.4094
#1	1.729	-.0002	.0007	-.0007	-.0003	-.0228	.4279
#2	1.724	-.0000	.0008	-.0037	-.0020	-.0018	.4304

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0002	.1883	.0093	-.0006	4.295	6.002
SDev	.0003	.0000	.0021	.0003	.0001	.000	.011
%RSD	211.8	1.826	1.132	2.738	21.52	.0041	.1904
#1	-.0004	.0002	.1898	.0095	-.0005	4.295	5.994
#2	.0001	.0002	.1868	.0091	-.0007	4.295	6.010

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	.0674	.0005	-.0002	-.0026	.9418	-.0053
SDev	.0009	.0118	.0005	.0007	.0004	.0038	.0033
%RSD	76.92	17.46	90.72	303.9	16.63	.4030	63.58
#1	-.0005	.0591	.0002	-.0007	-.0029	.9391	-.0029
#2	-.0018	.0757	.0009	.0002	-.0023	.9445	-.0076

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.96	.0026	.0003	1.388	.0000	.0011	.0013
SDev	.28	.0047	.0019	.003	.0006	.0003	.0007
%RSD	.2801	179.0	578.0	.2156	1373.	29.46	56.88
#1	99.76	-.0007	.0016	1.386	-.0004	.0009	.0018
#2	100.2	.0060	-.0010	1.390	.0005	.0013	.0008

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0049	-.0065	-.0005	.0006	-.0076	-.0015	.0019
SDev	.0000	.0047	.0006	.0012	.0122	.0016	.0000
%RSD	.4983	72.91	114.1	193.4	160.6	103.3	.5483
#1	.0048	-.0031	-.0001	.0015	-.0162	-.0004	.0019
#2	.0049	-.0098	-.0009	-.0002	.0010	-.0027	.0019

010496

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0367	-.0018
SDev	.0004	.0002	.0017
%RSD	103.8	.4328	90.93
#1	-.0001	.0368	-.0007
#2	-.0006	.0366	-.0030

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1032854	10000	--	--	--	--	--
SDev	2865.197	.0000000	--	--	--	--	--
%RSD	.2774058	.0000000	--	--	--	--	--
#1	1030828	10000	--	--	--	--	--
#2	1034880	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282161 Operator:
Run Time: 07/07/06 16:06:42
Comment:
Mode: CONC Corr. Factor: 1

010497

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0858	-.0019	.0156	.0617	-.0000	-.0015
SDev	.0003	.0052	.0026	.0018	.0002	.0000	.0045
%RSD	293.1	6.087	138.6	11.32	.2875	410.4	301.5
#1	-.0001	.0821	-.0037	.0169	.0618	-.0000	-.0046
#2	.0003	.0895	-.0000	.0144	.0615	.0000	.0017

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.659	.0002	.0008	-.0027	-.0011	-.0205	.3366
SDev	.000	.0001	.0006	.0021	.0016	.0072	.0210
%RSD	.0278	82.74	66.90	76.22	144.7	34.96	6.225
#1	1.659	.0001	.0004	-.0012	.0000	-.0256	.3218
#2	1.659	.0003	.0012	-.0042	-.0022	-.0154	.3514

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0001	.1837	.0092	-.0008	4.219	5.961
SDev	.0007	.0000	.0008	.0002	.0001	.046	.013
%RSD	120.5	19.57	.4294	2.267	11.26	1.095	.2166
#1	.0001	.0001	.1832	.0094	-.0007	4.252	5.952
#2	.0010	.0001	.1843	.0091	-.0009	4.187	5.970

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	.0597	-.0021	-.0003	-.0048	.9474	-.0043
SDev	.0014	.0019	.0026	.0036	.0009	.0187	.0039
%RSD	127.1	3.233	123.1	1137.	19.13	1.977	90.71
#1	-.0001	.0583	-.0040	.0022	-.0054	.9607	-.0016
#2	-.0021	.0611	-.0003	-.0028	-.0041	.9342	-.0071

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.9	.0001	.0014	1.381	-.0009	.0010	-.0009
SDev	.0	.0016	.0008	.008	.0015	.0000	.0013
%RSD	.0047	1102.	57.90	.5573	166.8	.8660	143.5
#1	100.9	-.0010	.0020	1.375	.0002	.0010	-.0018
#2	100.9	.0013	.0008	1.386	-.0020	.0010	.0000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0047	-.0060	-.0005	.0013	-.0024	-.0019	.0006
SDev	.0000	.0089	.0005	.0026	.0194	.0019	.0015
%RSD	.4503	147.6	92.40	191.1	803.5	100.9	236.9
#1	.0047	.0003	-.0002	-.0005	-.0161	-.0005	.0017
#2	.0047	-.0123	-.0009	.0031	.0113	-.0033	-.0004

010498

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	.0323	-.0019
SDev	.0003	.0001	.0015
%RSD	71.49	.4251	81.61
#1	-.0002	.0324	-.0008
#2	-.0007	.0323	-.0030

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1042730	10000	--	--	--	--	--
SDev	7.071068	.0000000	--	--	--	--	--
%RSD	.0006781	.0000000	--	--	--	--	--
#1	1042725	10000	--	--	--	--	--
#2	1042735	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282162 Operator:
Run Time: 07/07/06 16:11:28
Comment:
Mode: CONC Corr. Factor: 1

010499

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0852	.0015	.0171	.0628	-.0000	.0030
SDev	.0006	.0002	.0006	.0007	.0000	.0000	.0006
%RSD	691.5	.2141	41.48	4.320	.0581	37.52	18.71
#1	-.0005	.0854	.0011	.0166	.0628	-.0000	.0034
#2	.0004	.0851	.0020	.0177	.0629	-.0000	.0026

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.683	.0001	.0008	-.0012	-.0008	-.0123	.3736
SDev	.007	.0003	.0006	.0013	.0007	.0091	.0021
%RSD	.4283	185.9	66.65	105.8	93.88	73.79	.5706
#1	1.678	-.0000	.0004	-.0021	-.0013	-.0188	.3751
#2	1.688	.0003	.0012	-.0003	-.0003	-.0059	.3721

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0001	.1884	.0085	-.0013	4.345	5.918
SDev	.0006	.0000	.0049	.0002	.0007	.039	.000
%RSD	264.4	21.82	2.590	1.951	53.05	.8960	.0047
#1	-.0002	.0001	.1849	.0084	-.0017	4.372	5.918
#2	.0006	.0001	.1918	.0086	-.0008	4.317	5.918

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0016	.0638	-.0018	-.0013	-.0022	.9217	-.0061
SDev	.0013	.0036	.0004	.0002	.0012	.0076	.0063
%RSD	82.67	5.688	22.38	18.12	52.65	.8272	103.5
#1	-.0025	.0613	-.0015	-.0015	-.0014	.9271	-.0105
#2	-.0007	.0664	-.0021	-.0012	-.0031	.9164	-.0016

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.1	.0028	.0017	1.380	-.0015	.0021	-.0002
SDev	.7	.0034	.0025	.002	.0000	.0028	.0006
%RSD	.6827	119.8	149.0	.1461	2.362	135.0	391.6
#1	100.6	.0052	.0034	1.378	-.0015	.0040	.0003
#2	99.66	.0004	-.0001	1.381	-.0015	.0001	-.0006

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0048	-.0085	-.0004	.0034	.0132	-.0014	.0028
SDev	.0000	.0035	.0002	.0028	.0276	.0009	.0029
%RSD	.1855	41.63	63.85	82.35	209.4	65.94	103.3
#1	.0048	-.0110	-.0005	.0054	-.0063	-.0020	.0008
#2	.0048	-.0060	-.0002	.0014	.0326	-.0007	.0049

010500

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0350	-.0010
SDev	.0002	.0003	.0012
%RSD	66.96	.9982	118.0
#1	-.0004	.0348	-.0019
#2	-.0001	.0352	-.0002

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1034751	10000	--	--	--	--	--
SDev	7049.855	.0000000	--	--	--	--	--
%RSD	.6813093	.0000000	--	--	--	--	--
#1	1039736	10000	--	--	--	--	--
#2	1029766	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: 282163 Operator: 010501
Run Time: 07/07/06 16:16:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0539	-.0007	.0124	.0540	-.0000	.0017
SDev	.0010	.0053	.0005	.0022	.0002	.0000	.0033
%RSD	269.8	9.751	66.38	18.08	.3091	94.56	200.3
#1	-.0003	.0502	-.0010	.0140	.0541	-.0001	-.0007
#2	.0011	.0576	-.0004	.0108	.0539	-.0000	.0040

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.592	.0001	.0012	-.0018	-.0008	.0022	.3163
SDev	.001	.0003	.0010	.0017	.0012	.0088	.0143
%RSD	.0508	215.9	82.63	96.53	154.1	402.5	4.511
#1	1.592	-.0001	.0005	-.0006	.0001	-.0041	.3062
#2	1.591	.0003	.0019	-.0030	-.0016	.0084	.3264

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0013	.0001	.1816	.0057	-.0008	4.322	5.849
SDev	.0018	.0001	.0085	.0002	.0001	.258	.013
%RSD	139.9	38.24	4.667	3.538	16.18	5.972	.2305
#1	.0000	.0001	.1756	.0058	-.0009	4.140	5.859
#2	.0025	.0002	.1876	.0055	-.0007	4.505	5.840

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0479	-.0025	.0010	-.0000	.9280	-.0027
SDev	.0010	.0033	.0029	.0006	.0041	.0057	.0036
%RSD	111.1	6.928	116.8	59.91	9285.	.6139	135.2
#1	-.0002	.0502	-.0046	.0014	-.0029	.9321	-.0001
#2	-.0016	.0455	-.0004	.0006	.0029	.9240	-.0053

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.31	.0009	.0015	1.354	-.0001	.0013	.0005
SDev	.31	.0031	.0001	.002	.0006	.0010	.0025
%RSD	.3078	362.2	3.126	.1558	382.0	77.14	513.8
#1	99.53	-.0013	.0015	1.352	-.0006	.0006	-.0013
#2	99.10	.0030	.0015	1.355	.0003	.0020	.0022

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0045	-.0064	-.0003	.0036	.0280	-.0014	.0023
SDev	.0001	.0090	.0006	.0006	.0694	.0014	.0003
%RSD	1.554	141.1	213.5	17.38	247.8	98.75	15.64
#1	.0044	-.0000	.0001	.0032	-.0211	-.0004	.0025
#2	.0045	-.0127	-.0007	.0041	.0771	-.0024	.0020

010502

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0305	-.0011
SDev	.0003	.0002	.0011
%RSD	102.1	.5793	107.7
#1	-.0001	.0303	-.0003
#2	-.0006	.0306	-.0019

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1026179	10000	--	--	--	--	--
SDev	3131.069	.0000000	--	--	--	--	--
%RSD	.3051192	.0000000	--	--	--	--	--
#1	1028393	10000	--	--	--	--	--
#2	1023965	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccv4 Operator:
Run Time: 07/07/06 16:21:02
Comment:
Mode: CONC Corr. Factor: 1

010503

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9796	9.953	5.043	4.900	10.03	.9922	4.990
SDev	.0002	.033	.008	.004	.00	.0002	.001
%RSD	.0161	.3341	.1670	.0751	.0403	.0189	.0237
#1	.9797	9.976	5.037	4.897	10.03	.9920	4.991
#2	.9795	9.929	5.049	4.903	10.03	.9923	4.989
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.11	1.001	5.066	1.984	2.011	10.44	18.86
SDev	.05	.001	.012	.003	.001	.01	.05
%RSD	.2620	.0753	.2342	.1409	.0726	.1190	.2453
#1	20.07	1.000	5.058	1.983	2.012	10.44	18.89
#2	20.15	1.001	5.075	1.986	2.010	10.43	18.83
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.966	4.859	19.90	1.016	5.058	27.86	H40.97
SDev	.001	.011	.03	.001	.006	.08	.17
%RSD	.0123	.2245	.1336	.0847	.1116	.2830	.4202
#1	4.967	4.867	19.92	1.015	5.054	27.81	H41.09
#2	4.966	4.851	19.88	1.016	5.062	27.92	H40.84
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.845	5.099	4.999	4.986	1.024	1.000	.9774
SDev	.008	.002	.008	.012	.002	.005	.0003
%RSD	.1605	.0408	.1635	.2379	.1786	.4691	.0329
#1	4.850	5.097	5.005	4.978	1.025	1.004	.9776
#2	4.839	5.100	4.994	4.995	1.022	.9972	.9772
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010504

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.42	5.188	5.158	5.025	4.991	5.168	5.115
SDev	.25	.010	.013	.012	.005	.006	.007
%RSD	.2499	.1907	.2614	.2459	.1038	.1101	.1273
#1	98.60	5.195	5.149	5.034	4.987	5.164	5.110
#2	98.25	5.181	5.168	5.016	4.994	5.172	5.120
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.092	.9844	4.801	5.206	1.034	4.980	H1.162
SDev	.003	.0038	.000	.005	.004	.001	.006
%RSD	.0589	.3899	.0001	.0908	.4213	.0293	.4931
#1	5.094	.9871	4.801	5.203	1.037	4.979	H1.158
#2	5.090	.9816	4.801	5.210	1.031	4.981	H1.166
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.022	1.026	4.854
SDev	.003	.003	.003
%RSD	.0536	.2692	.0625
#1	5.024	1.024	4.856
#2	5.020	1.028	4.852
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010505

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1016951	10000	--	--	--	--	--
SDev	2537.099	.0000000	--	--	--	--	--
%RSD	.2494810	.0000000	--	--	--	--	--
#1	1018745	10000	--	--	--	--	--
#2	1015157	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb4 Operator: 010506
Run Time: 07/07/06 16:25:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	-.0141	-.0012	.0084	.0002	-.0001	-.0002
SDev	.0003	.0010	.0021	.0004	.0000	.0000	.0007
%RSD	249.1	7.345	181.3	4.449	.4730	15.84	314.7
#1	-.0003	-.0148	.0003	.0086	.0002	-.0001	.0003
#2	.0001	-.0133	-.0027	.0081	.0002	-.0001	-.0007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	-.0002	.0007	.0002	.0002	-.0229	-.0225
SDev	.0010	.0000	.0004	.0002	.0003	.0150	.0134
%RSD	165.5	8.705	55.03	121.7	101.2	65.32	59.71
#1	.0001	-.0002	.0010	.0000	.0001	-.0123	-.0130
#2	-.0013	-.0002	.0004	.0003	.0004	-.0335	-.0320
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0001	.0010	.0000	.0006	L-.1631	.0015
SDev	.0001	.0000	.0012	.0000	.0014	.1019	.0030
%RSD	46.20	23.43	127.2	464.6	239.7	62.50	201.3
#1	.0003	.0002	.0018	.0000	.0016	L-.0910	-.0006
#2	.0001	.0001	.0001	-.0000	-.0004	L-.2352	.0036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0059	-.0047	.0010	-.0038	.0036	-.0000
SDev	.0000	.0085	.0006	.0013	.0045	.0015	.0028
%RSD	4.088	143.4	13.64	131.2	119.4	42.70	6371.
#1	.0006	-.0001	-.0042	.0019	-.0006	.0046	.0019
#2	.0006	H.0119	-.0052	.0001	L-.0070	.0025	-.0020
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010507

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.36	-.0016	.0037	.0034	-.0009	.0019	-.0025
SDev	1.02	.0024	.0006	.0020	.0011	.0004	.0021
%RSD	1.023	148.8	15.48	57.96	124.1	22.77	86.69
#1	98.65	.0001	.0033	.0020	-.0001	.0022	-.0010
#2	100.1	-.0033	.0041	.0048	-.0017	.0016	-.0040
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0006	.0001	.0057	.0103	-.0002	.0021
SDev	.0000	.0022	.0001	.0007	.0053	.0001	.0009
%RSD	32.68	398.4	48.99	12.51	51.60	27.17	45.76
#1	.0001	-.0021	.0001	.0062	.0140	-.0003	.0027
#2	.0001	.0010	.0002	.0052	.0065	-.0002	.0014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	-.0001	.0004
SDev	.0001	.0002	.0003
%RSD	98.28	139.4	60.23
#1	.0000	-.0002	.0006
#2	.0002	-.0000	.0002
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010508

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1026740	10000	--	--	--	--	--
SDev	10542.25	.0000000	--	--	--	--	--
%RSD	1.026770	.0000000	--	--	--	--	--
#1	1019285	10000	--	--	--	--	--
#2	1034194	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282164 Operator: 010509
Run Time: 07/07/06 16:30:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0244	.0003	.0148	.0553	-.0000	.0026
SDev	.0008	.0046	.0011	.0040	.0004	.0000	.0014
%RSD	92.00	19.00	354.4	26.84	.7954	7.102	54.74
#1	.0003	.0212	-.0005	.0176	.0556	-.0000	.0035
#2	.0014	.0277	.0011	.0120	.0550	-.0000	.0016

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.546	.0001	.0017	-.0014	-.0010	.0312	.3580
SDev	.000	.0001	.0001	.0038	.0019	.0125	.0003
%RSD	.0228	59.78	3.884	264.0	187.3	40.03	.0981
#1	1.546	.0001	.0016	.0012	.0003	.0401	.3577
#2	1.546	.0001	.0017	-.0041	-.0023	.0224	.3582

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	.0003	.1776	.0045	.0006	4.556	5.838
SDev	.0014	.0000	.0084	.0003	.0015	.174	.020
%RSD	118.0	5.907	4.755	6.699	248.6	3.816	.3465
#1	.0002	.0003	.1717	.0048	.0017	4.679	5.852
#2	.0021	.0003	.1836	.0043	-.0005	4.433	5.824

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	.0481	-.0013	-.0018	.0054	.9277	.0012
SDev	.0022	.0014	.0033	.0028	.0011	.0060	.0035
%RSD	154.5	3.001	252.1	152.1	20.62	.6517	283.4
#1	.0001	.0471	-.0037	.0001	.0062	.9319	.0037
#2	-.0029	.0491	.0010	-.0038	.0046	.9234	-.0012

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.87	-.0007	-.0002	1.340	-.0016	-.0004	.0017
SDev	.42	.0013	.0002	.000	.0007	.0003	.0007
%RSD	.4210	177.3	104.1	.0329	43.95	72.78	43.59
#1	100.2	-.0017	-.0001	1.340	-.0011	-.0006	.0012
#2	99.57	.0002	-.0004	1.341	-.0021	-.0002	.0022

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0043	-.0070	-.0004	.0010	.0384	-.0013	.0016
SDev	.0001	.0145	.0009	.0042	.0340	.0027	.0014
%RSD	1.100	208.4	258.4	426.7	88.72	213.4	88.69
#1	.0043	.0033	.0003	-.0020	.0143	.0007	.0006
#2	.0043	-.0172	-.0010	.0039	.0624	-.0032	.0026

010510

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0272	-.0012
SDev	.0006	.0004	.0027
%RSD	167.6	1.644	217.9
#1	.0001	.0269	.0007
#2	-.0007	.0275	-.0032

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1031949	10000	--	--	--	--	--
SDev	4379.819	.0000000	--	--	--	--	--
%RSD	.4244221	.0000000	--	--	--	--	--
#1	1035046	10000	--	--	--	--	--
#2	1028852	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282165 Operator:
Run Time: 07/07/06 16:35:22 **010511**
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0042	-.0012	.0114	.0503	-.0001	.0002
SDev	.0000	.0005	.0001	.0003	.0001	.0000	.0036
%RSD	15.56	11.23	11.15	3.007	.1841	8.324	1524.
#1	-.0003	.0038	-.0013	.0117	.0504	-.0001	-.0023
#2	-.0003	.0045	-.0011	.0112	.0502	-.0001	.0028

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.505	-.0000	.0016	-.0021	-.0007	-.0173	.3500
SDev	.004	.0001	.0003	.0003	.0002	.0052	.0214
%RSD	.2688	830.5	16.33	15.81	24.75	30.31	6.106
#1	1.503	-.0001	.0014	-.0019	-.0006	-.0210	.3349
#2	1.508	.0001	.0018	-.0023	-.0009	-.0136	.3651

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0001	.1645	.0032	-.0004	4.135	5.808
SDev	.0010	.0001	.0003	.0001	.0012	.102	.018
%RSD	373.8	81.14	.1938	1.979	317.6	2.462	.3114
#1	-.0010	.0000	.1647	.0032	.0005	4.063	5.821
#2	.0004	.0001	.1642	.0033	-.0012	4.207	5.795

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0014	.0361	-.0042	.0011	-.0045	.9388	-.0048
SDev	.0002	.0011	.0027	.0008	.0048	.0161	.0027
%RSD	16.94	2.926	65.26	80.60	107.0	1.718	57.27
#1	-.0012	.0354	-.0061	.0017	-.0079	.9502	-.0067
#2	-.0016	.0369	-.0023	.0005	-.0011	.9274	-.0029

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.4	.0005	.0020	1.301	-.0007	.0015	.0002
SDev	.8	.0022	.0005	.002	.0003	.0011	.0018
%RSD	.8096	482.0	23.77	.1452	50.40	70.57	1170.
#1	101.0	.0021	.0024	1.299	-.0009	.0023	-.0011
#2	99.81	-.0011	.0017	1.302	-.0004	.0008	.0014

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0041	-.0063	-.0003	.0031	.0007	-.0012	.0005
SDev	.0000	.0013	.0000	.0030	.0312	.0001	.0019
%RSD	.1256	20.16	1.626	97.45	4320.	9.837	416.6
#1	.0041	-.0054	-.0003	.0010	-.0213	-.0011	-.0009
#2	.0041	-.0073	-.0003	.0052	.0228	-.0013	.0018

010512

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0193	-.0013
SDev	.0000	.0001	.0003
%RSD	5.238	.6748	22.64
#1	-.0003	.0192	-.0011
#2	-.0003	.0193	-.0016

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1037182	10000	--	--	--	--	--
SDev	8406.085	.0000000	--	--	--	--	--
%RSD	.8104735	.0000000	--	--	--	--	--
#1	1043126	10000	--	--	--	--	--
#2	1031238	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: 282166 Operator:
Run Time: 07/07/06 16:40:08 **010513**
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	-.0052	-.0007	.0106	.0480	-.0001	-.0033
SDev	.0001	.0007	.0008	.0001	.0001	.0000	.0027
%RSD	17.28	13.83	129.5	.5281	.1550	.1713	82.76
#1	-.0005	-.0057	-.0001	.0105	.0480	-.0001	-.0014
#2	-.0006	-.0047	-.0013	.0106	.0479	-.0001	-.0053

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.476	-.0000	-.0000	-.0016	-.0004	-.0226	.3145
SDev	.004	.0000	.0000	.0011	.0005	.0153	.0021
%RSD	.2613	133.2	1.042	68.66	131.9	67.98	.6630
#1	1.474	-.0000	-.0000	-.0008	-.0000	-.0334	.3130
#2	1.479	-.0001	-.0000	-.0024	-.0008	-.0117	.3160

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0001	.1608	.0023	-.0001	4.107	5.762
SDev	.0002	.0000	.0011	.0001	.0001	.070	.015
%RSD	38.35	10.33	.6989	2.183	69.13	1.708	.2528
#1	-.0005	.0001	.1600	.0023	-.0001	4.057	5.773
#2	-.0003	.0001	.1616	.0023	-.0002	4.156	5.752

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0404	-.0011	.0019	-.0045	.9358	-.0025
SDev	.0000	.0066	.0005	.0009	.0008	.0115	.0056
%RSD	5.919	16.40	48.21	46.84	17.59	1.234	220.8
#1	-.0008	.0357	-.0007	.0025	-.0050	.9439	.0014
#2	-.0007	.0450	-.0015	.0013	-.0039	.9276	-.0065

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.9	-.0024	.0009	1.279	.0009	-.0002	-.0004
SDev	.2	.0002	.0018	.002	.0008	.0012	.0006
%RSD	.1526	7.584	200.0	.1288	83.79	549.5	145.9
#1	101.0	-.0023	.0021	1.280	.0014	.0006	.0000
#2	100.8	-.0026	-.0004	1.278	.0004	-.0011	-.0008

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0039	-.0047	-.0002	-.0015	-.0131	-.0014	.0012
SDev	.0000	.0025	.0003	.0001	.0094	.0006	.0015
%RSD	.3856	54.10	127.3	4.107	71.82	41.96	128.4
#1	.0039	-.0029	-.0000	-.0014	-.0064	-.0010	.0022
#2	.0039	-.0065	-.0004	-.0015	-.0197	-.0018	.0001

010514

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.0099	-.0009
SDev	.0001	.0001	.0006
%RSD	69.84	1.547	68.29
#1	-.0001	.0098	-.0005
#2	-.0003	.0100	-.0013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1042734	10000	--	--	--	--	--
SDev	1645.438	.0000000	--	--	--	--	--
%RSD	.1578002	.0000000	--	--	--	--	--
#1	1043898	10000	--	--	--	--	--
#2	1041571	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 282167 Operator:
Run Time: 07/07/06 16:44:54 010515
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0017	-.0009	.0110	.0486	-.0001	.0015
SDev	.0004	.0032	.0010	.0007	.0000	.0000	.0016
%RSD	514.5	183.1	103.7	6.606	.0009	28.79	102.9
#1	-.0002	-.0040	-.0002	.0115	.0486	-.0001	.0004
#2	.0003	.0005	-.0016	.0105	.0486	-.0001	.0026

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.440	.0002	.0017	-.0004	-.0002	-.0139	.3332
SDev	.004	.0000	.0001	.0009	.0003	.0038	.0081
%RSD	.2477	3.965	3.903	208.8	121.6	27.09	2.430
#1	1.443	.0002	.0018	.0002	-.0000	-.0165	.3275
#2	1.438	.0002	.0017	-.0011	-.0004	-.0112	.3390

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0001	.1580	.0014	-.0006	4.207	5.817
SDev	.0000	.0000	.0006	.0002	.0005	.134	.036
%RSD	18.01	22.16	.4085	11.40	81.57	3.182	.6177
#1	.0002	.0001	.1584	.0015	-.0003	4.112	5.792
#2	.0002	.0001	.1575	.0013	-.0010	4.301	5.842

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0443	-.0039	-.0001	-.0006	.9343	-.0020
SDev	.0001	.0058	.0023	.0010	.0017	.0004	.0020
%RSD	18.34	13.04	57.27	934.8	273.9	.0442	101.5
#1	-.0008	.0484	-.0023	.0006	-.0018	.9340	-.0006
#2	-.0006	.0402	-.0055	-.0008	.0006	.9346	-.0034

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.6	-.0047	.0005	1.257	-.0014	-.0012	.0000
SDev	.4	.0029	.0014	.007	.0014	.0000	.0018
%RSD	.3698	61.09	286.7	.5743	101.6	2.842	78400.
#1	100.3	-.0027	-.0005	1.251	-.0004	-.0012	-.0013
#2	100.8	-.0068	.0015	1.262	-.0023	-.0013	.0013

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0038	-.0035	-.0003	.0020	.0171	-.0006	.0010
SDev	.0000	.0019	.0001	.0004	.0015	.0004	.0054
%RSD	.4814	55.04	46.45	19.22	8.709	65.89	516.0
#1	.0038	-.0021	-.0002	.0018	.0161	-.0003	.0049
#2	.0038	-.0049	-.0003	.0023	.0182	-.0010	-.0028

010516

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0071	-.0004
SDev	.0001	.0002	.0004
%RSD	79.14	2.300	101.4
#1	-.0001	.0072	-.0001
#2	-.0002	.0070	-.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1039380	10000	--	--	--	--	--
SDev	3799.285	.0000000	--	--	--	--	--
%RSD	.3655339	.0000000	--	--	--	--	--
#1	1036693	10000	--	--	--	--	--
#2	1042066	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ~~282167~~ 282168 Operator:
Run Time: 07/07/06 16:49:46
Comment:
Mode: CONC Corr. Factor: 1

010517

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	-.0047	-.0011	.0107	.0515	-.0001	.0004
SDev	.0002	.0023	.0011	.0007	.0001	.0000	.0022
%RSD	85.78	47.67	96.30	6.675	.2150	3.171	501.2
#1	-.0001	-.0031	-.0004	.0112	.0516	-.0001	.0020
#2	-.0004	-.0063	-.0019	.0102	.0515	-.0001	-.0011

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.423	-.0000	.0014	-.0015	-.0009	-.0029	.3025
SDev	.001	.0001	.0002	.0010	.0005	.0108	.0113
%RSD	.0532	803.0	11.38	62.10	57.30	376.0	3.732
#1	1.423	-.0001	.0015	-.0009	-.0005	.0048	.3104
#2	1.424	.0000	.0013	-.0022	-.0012	-.0105	.2945

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0001	.1596	.0010	-.0001	4.227	5.833
SDev	.0010	.0000	.0021	.0001	.0001	.151	.003
%RSD	1288.	26.95	1.343	5.108	99.69	3.574	.0523
#1	.0008	.0001	.1611	.0010	-.0000	4.121	5.835
#2	-.0006	.0001	.1581	.0010	-.0002	4.334	5.831

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0015	.0271	-.0049	.0005	-.0017	.9416	-.0023
SDev	.0006	.0022	.0010	.0007	.0014	.0068	.0008
%RSD	41.88	8.243	21.45	127.1	81.51	.7212	34.53
#1	-.0011	.0256	-.0056	.0001	-.0007	.9464	-.0029
#2	-.0020	.0287	-.0041	.0010	-.0026	.9368	-.0018

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.5	-.0021	.0030	1.260	-.0012	.0013	.0008
SDev	.1	.0025	.0003	.003	.0008	.0010	.0007
%RSD	.0887	119.6	11.04	.2028	65.02	79.22	87.56
#1	100.5	-.0038	.0028	1.259	-.0018	.0006	.0012
#2	100.4	-.0003	.0032	1.262	-.0007	.0021	.0003

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0038	-.0050	-.0004	.0012	.0027	-.0013	.0007
SDev	.0000	.0012	.0002	.0022	.0274	.0004	.0034
%RSD	.6734	23.43	52.12	176.0	1028.	35.19	487.5
#1	.0038	-.0042	-.0002	.0028	.0221	-.0009	.0031
#2	.0038	-.0059	-.0005	-.0003	-.0167	-.0016	-.0017

010518

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0058	-.0012
SDev	.0001	.0000	.0007
%RSD	39.65	.1044	55.49
#1	-.0002	.0058	-.0008
#2	-.0003	.0058	-.0017

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1038317	10000	--	--	--	--	--
SDev	941.8662	.0000000	--	--	--	--	--
%RSD	.0907109	.0000000	--	--	--	--	--
#1	1038983	10000	--	--	--	--	--
#2	1037651	10000	--	--	--	--	--

Method: DAILY2 Sample Name: zzzzzz Operator:
Run Time: 07/07/06 16:54:32
Comment:
Mode: CONC Corr. Factor: 1

010519

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	-.0187	-.0017	.0002	-.0000	-.0001	-.0030
SDev	.0013	.0064	.0018	.0005	.0000	.0000	.0001
%RSD	253.8	34.10	103.3	286.9	24.39	34.03	4.980
#1	.0004	-.0142	-.0030	.0005	-.0000	-.0001	-.0031
#2	-.0014	-.0232	-.0005	-.0002	-.0000	-.0001	-.0029

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0021	.0001	.0000	-.0005	.0001	.0055	.0051
SDev	.0016	.0003	.0012	.0006	.0001	.0090	.0080
%RSD	76.15	442.0	4969.	127.2	129.8	162.5	157.4
#1	.0009	.0003	.0009	-.0000	.0002	-.0008	-.0006
#2	.0032	-.0002	-.0008	-.0009	.0000	.0119	.0108

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0000	-.0020	-.0001	.0008	.0497	.0136
SDev	.0021	.0000	.0094	.0000	.0004	.1326	.0051
%RSD	358.8	51.08	462.4	1.147	56.07	266.6	37.57
#1	.0009	.0000	.0046	-.0001	.0011	-.0440	.0100
#2	-.0020	.0000	-.0087	-.0001	.0005	.1434	.0172

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0016	-.0047	.0032	.0025	-.0023	-.0015
SDev	.0002	.0019	.0020	.0028	.0020	.0026	.0003
%RSD	34.95	124.0	42.11	87.19	79.71	110.0	20.38
#1	-.0008	.0029	-.0033	.0012	.0011	-.0005	-.0013
#2	-.0005	.0002	-.0061	.0052	.0039	-.0042	-.0018

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.3	-.0015	.0019	.0009	.0006	.0007	-.0000
SDev	.1	.0058	.0020	.0039	.0012	.0006	.0006
%RSD	.1150	379.0	106.8	424.7	199.6	81.35	2732.
#1	100.2	.0026	.0005	.0037	-.0003	.0012	.0004
#2	100.3	-.0056	.0033	-.0018	.0015	.0003	-.0005

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	-.0014	-.0000	.0016	-.0095	-.0008	.0018
SDev	.0001	.0006	.0000	.0003	.0553	.0001	.0024
%RSD	1024.	41.69	3.531	17.67	581.6	13.82	133.3
#1	.0000	-.0018	-.0000	.0018	.0296	-.0009	.0035
#2	-.0000	-.0010	-.0000	.0014	-.0486	-.0007	.0001

010520

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	-.0002	-.0003
SDev	.0000	.0002	.0006
%RSD	8.068	103.7	211.0
#1	-.0001	-.0000	.0001
#2	-.0001	-.0003	-.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1035925	10000	--	--	--	--	--
SDev	1156.827	.0000000	--	--	--	--	--
%RSD	.1116709	.0000000	--	--	--	--	--
#1	1035107	10000	--	--	--	--	--
#2	1036743	10000	--	--	--	--	--

Method: DAILY2 Sample Name: cri Operator:
Run Time: 07/07/06 16:59:17 010521
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0206	.0836	.0204	.1004	.0203	.0100	.0058
SDev	.0008	.0021	.0016	.0013	.0001	.0001	.0053
%RSD	4.137	2.505	7.698	1.241	.2577	.5791	92.04
#1	.0200	.0821	.0193	.0995	.0202	.0099	.0020
#2	.0212	.0851	.0215	.1013	.0203	.0100	.0096
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	.0300		.0300	.1500	.0300	.0150	
Low	.0100		.0100	.0500	.0100	.0050	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0102	.1012	.0194	.0489	.1169	.0044
SDev	.0039	.0001	.0006	.0006	.0001	.0412	.0436
%RSD	891.7	1.379	.5729	3.055	.2283	35.26	993.6
#1	-.0032	.0101	.1007	.0190	.0488	.0878	-.0264
#2	.0023	.0103	.1016	.0198	.0489	.1461	.0352
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High		.0150	.1500	.0300	.0750	.1500	
Low		.0050	.0500	.0100	.0250	.0500	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.0685	.0055	.0303	.0199	.0142	.0118
SDev	.0008	.0001	.0058	.0001	.0001	.4056	.0051
%RSD	79.67	.0998	105.8	.4194	.2871	2863.	43.46
#1	.0004	.0685	.0014	.0302	.0199	-.2726	.0082
#2	.0015	.0684	.0096	.0303	.0200	.3009	.0154
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High		.1500		.0450	.0300		
Low		.0500		.0150	.0100		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0784	.1106	.0021	.0054	.0023	.0006	.1230
SDev	.0000	.0039	.0006	.0008	.0075	.0089	.0021
%RSD	.0028	3.493	30.66	13.98	328.1	1550.	1.709
#1	.0784	.1079	.0025	.0049	-.0030	-.0057	.1215
#2	.0784	.1133	.0016	.0060	.0076	.0069	.1245
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	.1200	.1500					.1800
Low	.0400	.0500					.0600

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010522

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.69	.0117	.0098	.1063	.0043	.0105	.1048
SDev	1.21	.0037	.0013	.0002	.0003	.0021	.0021
%RSD	1.216	31.34	12.81	.1965	6.849	19.72	1.988
#1	100.5	.0144	.0107	.1064	.0041	.0119	.1033
#2	98.83	.0091	.0089	.1061	.0045	.0090	.1062
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.1500	.0090	.0150	.1500
Low				.0500	.0030	.0050	.0500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0208	-.0009	.0190	.0202	.2236	.0992	.0024
SDev	.0001	.0003	.0001	.0025	.0225	.0004	.0003
%RSD	.3981	34.10	.4640	12.56	10.07	.3626	11.13
#1	.0209	-.0011	.0189	.0184	.2077	.0989	.0026
#2	.0207	-.0007	.0190	.0220	.2395	.0994	.0022
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	.0300		.0300	.0300		.1500	
Low	.0100		.0100	.0100		.0500	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0414	.0919
SDev	.0001	.0005	.0011
%RSD	311.7	1.221	1.183
#1	-.0001	.0411	.0911
#2	.0001	.0418	.0927
Errors	NOCHECK	LC Pass	NOCHECK
High		.0600	
Low		.0200	

010523

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1030096	10000	--	--	--	--	--
SDev	12516.50	.0000000	--	--	--	--	--
%RSD	1.215081	.0000000	--	--	--	--	--
#1	1038946	10000	--	--	--	--	--
#2	1021245	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsa Operator: 010524
Run Time: 07/07/06 17:04:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	511.5	.0039	-.0178	.0024	.0001	-.0002
SDev	.0002	.1	.0006	.0008	.0000	.0000	.0006
%RSD	92.84	.0142	16.11	4.709	.5179	43.45	360.9
#1	.0003	511.5	.0044	-.0172	.0024	.0001	.0003
#2	.0001	511.6	.0035	-.0184	.0024	.0000	-.0006
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		600.0					
Low		400.0					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	457.1	.0030	.0016	-.0014	.0020	190.2	-.0206
SDev	2.0	.0001	.0006	.0002	.0003	.4	.0048
%RSD	.4414	2.727	37.88	17.93	17.26	.1929	23.52
#1	455.7	.0029	.0020	-.0012	.0018	190.0	-.0240
#2	458.5	.0030	.0011	-.0016	.0023	190.5	-.0171
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	600.0					240.0	
Low	400.0					160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0052	.0006	529.5	.0065	-.0007	.2511	.0176
SDev	.0006	.0001	1.1	.0001	.0015	.0894	.0017
%RSD	10.63	18.81	.2011	1.467	229.9	35.60	9.880
#1	.0056	.0007	528.7	.0066	.0004	.3143	.0189
#2	.0048	.0005	530.2	.0064	-.0017	.1879	.0164
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			600.0				
Low			400.0				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	-.0168	.0072	.0000	-.0025	.0180	-.0097
SDev	.0012	.0098	.0012	.0012	.0001	.0060	.0005
%RSD	112.1	58.37	16.07	6751.	3.522	33.68	5.379
#1	.0002	-.0237	.0064	-.0008	-.0024	.0222	-.0093
#2	.0019	-.0099	.0080	.0009	-.0025	.0137	-.0100
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010525

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.43	.0054	-.0056	.0350	.0024	-.0020	-.0039
SDev	.19	.0061	.0046	.0020	.0012	.0010	.0032
%RSD	.2054	114.5	81.45	5.691	48.57	51.55	82.81
#1	90.56	.0010	-.0024	.0364	.0016	-.0012	-.0062
#2	90.30	.0097	-.0089	.0336	.0033	-.0027	-.0016
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0169	-.0249	-.0006	.0075	-.0282	-.0015	.0030
SDev	.0000	.0032	.0002	.0017	.0202	.0006	.0053
%RSD	.1222	12.70	39.41	22.86	71.43	36.50	179.2
#1	.0169	-.0271	-.0008	.0087	-.0140	-.0019	-.0008
#2	.0169	-.0226	-.0004	.0063	-.0425	-.0011	.0067
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0004	.0074	-.0012
SDev	.0000	.0006	.0002
%RSD	5.241	8.050	17.63
#1	-.0004	.0070	-.0014
#2	-.0004	.0078	-.0011
Errors	NOCHECK	NOCHECK	NOCHECK
High			
Low			

010526

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	934389	10000	--	--	--	--	--
SDev	1991.213	.0000000	--	--	--	--	--
%RSD	.2131032	.0000000	--	--	--	--	--
#1	935797	10000	--	--	--	--	--
#2	932981	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsab Operator:
Run Time: 07/07/06 17:08:52
Comment:
Mode: CONC Corr. Factor: 1

010527

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.098	505.5	1.035	1.012	.5396	.5006	.0109
SDev	.001	.7	.004	.003	.0003	.0002	.0006
%RSD	.0460	.1443	.3495	.2720	.0506	.0387	5.568
#1	1.099	506.0	1.032	1.010	.5398	.5004	.0113
#2	1.098	505.0	1.037	1.014	.5394	.5007	.0105
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	1.200	600.0	1.200	1.200	.6000	.6000	
Low	.8000	400.0	.8000	.8000	.4000	.4000	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	458.3	.9658	.4905	.4956	.5570	189.5	-.0087
SDev	.9	.0004	.0020	.0002	.0003	.2	.0114
%RSD	.1897	.0444	.4090	.0482	.0476	.1079	130.9
#1	458.9	.9655	.4891	.4954	.5572	189.6	-.0006
#2	457.7	.9661	.4919	.4957	.5568	189.3	-.0167
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	600.0	1.200	.6000	.6000	.6000	240.0	
Low	400.0	.8000	.4000	.4000	.4000	160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0058	H1.252	529.3	.5073	1.021	.4832	.0053
SDev	.0001	.000	.1	.0004	.002	.2145	.0014
%RSD	2.337	.0201	.0213	.0763	.2329	44.39	25.94
#1	.0057	H1.252	529.2	.5076	1.019	.6349	.0063
#2	.0059	H1.251	529.3	.5070	1.022	.3315	.0044
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High		1.200	600.0	.6000	1.200		
Low		.8000	400.0	.4000	.8000		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9207	1.034	1.011	.9838	.0010	.0095	1.019
SDev	.0032	.002	.009	.0037	.0015	.0034	.001
%RSD	.3489	.1643	.8634	.3710	155.2	36.50	.0848
#1	.9184	1.033	1.017	.9812	.0020	.0070	1.019
#2	.9229	1.036	1.004	.9864	-.0001	.0119	1.020
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.200	1.200					1.200
Low	.8000	.8000					.8000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010528

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.91	1.015	1.016	1.067	.9927	1.016	1.039
SDev	.29	.009	.000	.001	.0005	.003	.003
%RSD	.3260	.8558	.0258	.0953	.0479	.2679	.2747
#1	89.70	1.022	1.016	1.068	.9931	1.018	1.041
#2	90.12	1.009	1.017	1.066	.9924	1.014	1.037
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High					1.200	1.200	1.200
Low					.8000	.8000	.8000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.073	-.0229	.9640	.9961	.9848	.5014	.0008
SDev	.000	.0020	.0001	.0082	.0098	.0001	.0022
%RSD	.0238	8.530	.0097	.8202	.9908	.0104	275.1
#1	1.073	-.0243	.9640	.9903	.9917	.5014	.0023
#2	1.073	-.0215	.9641	1.002	.9779	.5014	-.0007
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	1.200		1.200	1.200		.6000	
Low	.8000		.8000	.8000		.4000	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0007	.9589	.9289
SDev	.0001	.0014	.0010
%RSD	7.039	.1424	.1086
#1	-.0008	.9579	.9282
#2	-.0007	.9599	.9296
Errors	NOCHECK	LC Pass	NOCHECK
High		1.200	
Low		.8000	

010529

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	929012	10000	--	--	--	--	--
SDev	3020.760	.0000000	--	--	--	--	--
%RSD	.3251584	.0000000	--	--	--	--	--
#1	926876	10000	--	--	--	--	--
#2	931148	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccv5 Operator:
Run Time: 07/07/06 17:13:38
Comment:
Mode: CONC Corr. Factor: 1

010530

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9782	9.981	5.025	4.905	10.00	.9911	4.990
SDev	.0003	.001	.002	.003	.02	.0023	.018
%RSD	.0318	.0099	.0425	.0688	.1643	.2309	.3684
#1	.9780	9.980	5.027	4.908	10.02	.9895	5.003
#2	.9784	9.982	5.024	4.903	9.993	.9927	4.977
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.98	.9934	5.035	1.977	2.023	10.40	18.97
SDev	.15	.0053	.023	.009	.009	.07	.04
%RSD	.7447	.5364	.4511	.4380	.4469	.6474	.1978
#1	19.87	.9896	5.019	1.971	2.030	10.35	19.00
#2	20.08	.9971	5.051	1.983	2.017	10.44	18.95
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.973	4.869	19.87	1.012	5.055	28.13	H41.12
SDev	.002	.009	.06	.003	.013	.28	.06
%RSD	.0359	.1795	.2880	.3076	.2502	.9800	.1476
#1	4.972	4.875	19.83	1.010	5.046	27.94	H41.16
#2	4.975	4.863	19.91	1.014	5.064	28.33	H41.08
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.825	5.125	4.958	4.968	1.031	1.010	.9746
SDev	.001	.005	.048	.030	.003	.006	.0003
%RSD	.0109	.1034	.9651	.6002	.2776	.5625	.0314
#1	4.825	5.129	4.925	4.947	1.029	1.015	.9749
#2	4.824	5.122	4.992	4.990	1.033	1.006	.9744
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010531

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.43	5.171	5.172	5.041	4.965	5.172	5.095
SDev	1.04	.037	.006	.002	.036	.009	.026
%RSD	1.043	.7217	.1091	.0375	.7216	.1678	.5199
#1	100.2	5.145	5.176	5.042	4.940	5.166	5.076
#2	98.70	5.197	5.168	5.040	4.990	5.178	5.114
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.098	.9836	4.798	5.184	1.011	4.967	H1.160
SDev	.003	.0045	.009	.016	.047	.005	.007
%RSD	.0560	.4552	.1785	.3029	4.648	.1017	.6053
#1	5.100	.9805	4.792	5.173	.9782	4.963	H1.155
#2	5.096	.9868	4.804	5.195	1.045	4.971	H1.165
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.024	1.015	4.888
SDev	.000	.010	.013
%RSD	.0002	.9470	.2581
#1	5.024	1.008	4.897
#2	5.024	1.022	4.880
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010532

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1027383	10000	--	--	--	--	--
SDev	10745.19	.0000000	--	--	--	--	--
%RSD	1.045880	.0000000	--	--	--	--	--
#1	1034981	10000	--	--	--	--	--
#2	1019785	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb5 Operator:
Run Time: 07/07/06 17:18:30 010533
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0186	-.0008	.0073	-.0001	-.0001	.0033
SDev	.0008	.0031	.0016	.0006	.0001	.0000	.0047
%RSD	575.5	16.67	204.1	7.748	52.99	1.930	143.9
#1	-.0005	-.0207	-.0019	.0078	-.0001	-.0001	-.0001
#2	.0007	-.0164	.0003	.0069	-.0001	-.0001	.0066
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.0002	.0009	-.0014	-.0003	.0110	.0005
SDev	.0009	.0003	.0004	.0003	.0002	.0141	.0143
%RSD	62.68	210.9	45.49	20.22	66.56	129.0	2852.
#1	.0008	-.0001	.0006	-.0016	-.0004	.0010	-.0096
#2	.0021	.0004	.0011	-.0012	-.0001	.0209	.0106
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0001	.0029	-.0001	.0002	H.0784	.0110
SDev	.0014	.0001	.0062	.0000	.0004	.2907	.0002
%RSD	238.1	40.70	213.0	5.346	174.9	370.7	1.723
#1	-.0004	.0001	-.0015	-.0002	-.0001	L-.1271	.0109
#2	.0016	.0002	.0073	-.0001	.0005	H.2840	.0111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0011	.0004	-.0008	.0008	.0020	-.0073	-.0052
SDev	.0008	.0017	.0022	.0025	.0011	.0031	.0020
%RSD	74.04	450.9	259.0	332.8	55.63	42.00	37.72
#1	-.0005	-.0008	-.0024	-.0010	.0012	-.0051	-.0038
#2	-.0016	.0016	.0007	.0025	.0028	-.0095	-.0066
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010534

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.65	-.0018	.0004	.0054	.0002	-.0003	.0005
SDev	.38	.0020	.0012	.0001	.0024	.0001	.0014
%RSD	.3769	106.9	294.2	2.674	1003.	43.70	294.3
#1	99.92	-.0004	-.0004	.0053	-.0015	-.0004	-.0005
#2	99.38	-.0032	.0012	.0055	.0019	-.0002	.0015
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	-.0053	-.0003	.0065	.0116	-.0013	.0020
SDev	.0001	.0005	.0001	.0010	.0448	.0001	.0017
%RSD	187.7	9.745	39.71	14.73	385.6	8.892	84.51
#1	-.0000	-.0056	-.0004	.0072	-.0201	-.0014	.0008
#2	.0001	-.0049	-.0002	.0058	.0433	-.0012	.0032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	-.0001	-.0008
SDev	.0001	.0002	.0004
%RSD	47.09	185.6	50.49
#1	-.0003	-.0003	-.0011
#2	-.0001	.0000	-.0005
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010535

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1029659	10000	--	--	--	--	--
SDev	3910.300	.0000000	--	--	--	--	--
%RSD	.3797665	.0000000	--	--	--	--	--
#1	1032424	10000	--	--	--	--	--
#2	1026894	10000	--	--	--	--	--

☐ 200.7 TAP No. 01-0406-028 Rev3/Jan06

☒ 6010B TAP No. 01-0406-130 Rev5/Jan06

☐ Other_____

QC STD. ID's	
CCV	06G05
CRI	
ICSA	
ICSAB	06G05

ICP CAL.STD. ID's	
Std0	06G05
Std1	06G05
Std2	
Std3	
Std4	
Std5	
Std6	

NA

~~U305.6~~ 7.2006

010536

K Li Na

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
06002.01.242	Div. 20	060630S	7-7-06	Water	63-215
06002.20242	Div. 20	060606-10	7-7-06	Water	63-216

INSTRUMENT: Spectro FILENAME: 060707

7-9-06

File converted to wsl? ☐

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010537

BACKGROUND CORRECTED INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 1:45:54 PM July 7, 2006

	K_766	Li670	Na589	Sc361
# 1	44.5	-29.0	164.0	3440.0
# 2	28.5	-9.0	141.0	3206.0
Mean	36.5	-19.0	152.5	3323.0
SD	11.3	14.1	16.3	165.5
%RSD	31.0	74.4	10.7	5.0

INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 1:45:54 PM July 7, 2006

	K_766	Li670	Na589	Sc361
# 1	0.0	-0.0	0.0	3440.0
# 2	0.0	-0.0	0.0	3206.0
Mean	0.0	-0.0	0.0	3323.0
SD	0.0	0.0	0.0	165.5
%RSD	26.2	70.8	5.7	5.0

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 1:48:56 PM July 7, 2006

	K_766	Li670	Na589
# 1	3428.0	20505.5	19424.5
# 2	3355.0	20188.5	19103.5
Mean	3391.5	20347.0	19264.0
SD	51.6	224.2	227.0
%RSD	1.5	1.1	1.2

INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 1:48:56 PM July 7, 2006

	K_766	Li670	Na589
# 1	0.9	5.7	5.4
# 2	0.9	5.7	5.4
Mean	0.9	5.7	5.4
SD	0.0	0.0	0.0
%RSD	0.1	0.3	0.2

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 1:52:00 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1414.5	10546.0	11791.5	3613.0	3613.0
# 2	1382.5	10353.0	11605.5	3550.0	3550.0
Mean	1398.5	10449.5	11698.5	3581.5	3581.5
SD	22.6	136.5	131.5	44.5	44.5
%RSD	1.6	1.3	1.1	1.2	1.2

7/7/06

7-7-06

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 1:52:00 PM July 7, 2006

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	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	20.3391	5.1456	30.1860	3613.000 H	108.7442
# 2	20.2286	5.1411	30.2378	3550.000 H	106.8446
Mean	20.2839	5.1434	30.2119	3581.500 H	107.7944
SD	0.0781	0.0032	0.0366	44.548	1.3432
%RSD	0.3850	0.0621	0.1213	1.244	1.2461

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.284	22.000
Li670	4.500	5.143	5.500
Na589	27.000	30.212	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 1:55:04 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	34.5	-11.0	113.0	3543.0	3543.0
# 2	42.5	-3.0	122.0	3477.0	3477.0
Mean	38.5	-7.0	117.5	3510.0	3510.0
SD	5.7	5.7	6.4	46.7	46.7
%RSD	14.7	80.8	5.4	1.3	1.3

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 1:55:04 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1 L	-0.0666	0.0046 L	-0.1313	3543.000 H	106.6335
# 2	0.0662	0.0085 L	-0.1014	3477.000 H	104.6434
Mean L	-0.0002	0.0066 L	-0.1163	3510.000 H	105.6385
SD	0.0939	0.0028	0.0212	46.669	1.4072
%RSD	47441.9210	42.4553	18.2107	1.330	1.3321

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	-0.000	
Li670	0.010	0.007	
Na589	0.050	-0.116	Contaminated
Sc361	0.000	105.638	

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 1:58:08 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	43.5	208.5	109.0	3653.5	3653.5
# 2	41.5	196.5	111.0	3574.5	3574.5
Mean	42.5	202.5	110.0	3614.0	3614.0
SD	1.4	8.5	1.4	55.9	55.9

%RSD 3.3 4.2 1.3 1.3 1.5

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 1:58:08 PM July 7, 2006
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	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.0493	0.1105 L	-0.1506	3653.500 H	109.9653
# 2	0.0335	0.1068 L	-0.1392	3574.500 H	107.5833
Mean	0.0414	0.1086 L	-0.1449	3614.000 H	108.7743
SD	0.0112	0.0026	0.0081	55.861	1.6843
%RSD	27.0708	2.4004	5.5791	1.546	1.5485

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.090	0.109	0.110

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 2:01:10 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	40.0	-6.0	154.5	3435.0	3435.0
# 2	40.0	-10.0	159.5	3397.0	3397.0
Mean	40.0	-8.0	157.0	3416.0	3416.0
SD	0.0	2.8	3.5	26.9	26.9
%RSD	0.0	35.4	2.3	0.8	0.8

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 2:01:10 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.0353	0.0070 L	-0.0086	3435.000 H	103.3771
# 2	0.0423	0.0049	0.0100	3397.000 H	102.2313
Mean	0.0388	0.0059	0.0007	3416.000 H	102.8042
SD	0.0049	0.0015	0.0131	26.870	0.8102
%RSD	12.6888	25.0985	1902.3031	0.787	0.7881

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 2:04:14 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	51.0	2084.5	146.0	3435.0	3435.0
# 2	58.0	2031.5	131.0	3369.0	3369.0
Mean	54.5	2058.0	138.5	3402.0	3402.0
SD	4.9	37.5	10.6	46.7	46.7
%RSD	9.1	1.8	7.7	1.4	1.4

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 2:04:14 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.2065	1.0777 L	-0.0318	3435.000 H	103.3771

# 2	0.3331	1.0710 L	-0.0657	3369.000 H	101.3870	
Mean	0.2698	1.0744 L	-0.0488	3402.000 H	102.3820	
SD	0.0895	0.0048	0.0240	46.669	1.4072	
%RSD	33.1827	0.4451	49.2358	1.372	1.3744	

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Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.800	1.074	1.200

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:07:18 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1413.0	10421.0	11820.5	3609.0	3609.0
# 2	1365.0	10171.0	11456.5	3505.0	3505.0
Mean	1389.0	10296.0	11638.5	3557.0	3557.0
SD	33.9	176.8	257.4	73.5	73.5
%RSD	2.4	1.7	2.2	2.1	2.1

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:07:18 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.3401	5.0904	30.2953	3609.000 H	108.6235
# 2	20.2290	5.1156	30.2327	3505.000 H	105.4877
Mean	20.2845	5.1030	30.2640	3557.000 H	107.0556
SD	0.0785	0.0179	0.0442	73.539	2.2174
%RSD	0.3871	0.3499	0.1461	2.067	2.0712

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.285	22.000
Li670	4.500	5.103	5.500
Na589	27.000	30.264	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:10:22 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	36.0	-12.0	153.5	3554.5	3554.5
# 2	54.0	-3.0	141.5	3472.5	3472.5
Mean	45.0	-7.5	147.5	3513.5	3513.5
SD	12.7	6.4	8.5	58.0	58.0
%RSD	28.3	84.9	5.8	1.7	1.7

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:10:22 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1 L	-0.0458	0.0041 L	-0.0254	3554.500 H	106.9803
# 2	0.2441	0.0085 L	-0.0483	3472.500 H	104.5078

Mean	0.0552	0.0063 L	-0.0368	3513.500 H	105.7440
SD	0.2050	0.0031	0.0162	57.983	1.7483
%RSD	206.6727	49.3725	43.8787	1.650	1.6533

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Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.099
Li670	0.010	0.006
Na589	0.050	-0.037
Sc361	0.000	105.744

BACKGROUND CORRECTED INTENSITIES
Identity 1 : pbw-G07H4 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:13:26 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	37.0	-25.0	99.0	3569.0	3569.0
# 2	40.0	-22.0	94.0	3485.0	3485.0
Mean	38.5	-23.5	96.5	3527.0	3527.0
SD	2.1	2.1	3.5	59.4	59.4
%RSD	5.5	9.0	3.7	1.7	1.7

APPARENT CONCENTRATIONS
Identity 1 : pbw-G07H4 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:13:26 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1 L	-0.0330 L	-0.0023 L	-0.1703	3569.000 H	107.4175
# 2	0.0264 L	-0.0010 L	-0.1775	3485.000 H	104.8847
Mean L	-0.0033 L	-0.0017 L	-0.1739	3527.000 H	106.1511
SD	0.0420	0.0009	0.0051	59.397	1.7910
%RSD	1274.0598	51.9971	2.9225	1.684	1.6872

BACKGROUND CORRECTED INTENSITIES
Identity 1 : lcsw-G07H4 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:16:30 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1355.5	-10.0	7838.0	3578.5	3578.5
# 2	1339.5	-29.0	7673.0	3539.5	3539.5
Mean	1347.5	-19.5	7755.5	3559.0	3559.0
SD	11.3	13.4	116.7	27.6	27.6
%RSD	0.8	68.9	1.5	0.8	0.8

APPARENT CONCENTRATIONS
Identity 1 : lcsw-G07H4 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:16:30 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	19.6596	0.0051	20.1170	3578.500 H	107.7039
# 2	19.6410 L	-0.0044	19.9060	3539.500 H	106.5280
Mean	19.6503	0.0004	20.0115	3559.000 H	107.1159
SD	0.0131	0.0067	0.1491	27.577	0.8315
%RSD	0.0667	1705.2550	0.7453	0.775	0.7763

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280587 Identity 2 : Type : SAMPLE

Weight : 1.0000 Volume : 1.00 Printed : 2:19:34 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	137.5	1.0	6573.5	3606.5	3606.5
# 2	162.5	12.0	6458.5	3543.5	3543.5

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Mean	150.0	6.5	6516.0	3575.0	3575.0
SD	17.7	7.8	81.3	44.5	44.5
%RSD	11.8	119.7	1.2	1.2	1.2

APPARENT CONCENTRATIONS
Identity 1 : 280587 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:19:34 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	1.4507	0.0105	16.6683	3606.500 H	108.5482
# 2	1.8641	0.0160	16.6678	3543.500 H	106.6486
Mean	1.6574	0.0133	16.6680	3575.000 H	107.5984
SD	0.2923	0.0039	0.0003	44.548	1.3432
%RSD	17.6343	29.1213	0.0019	1.246	1.2484

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280587d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:22:42 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	147.0	-12.0	6542.5	3614.0	3614.0
# 2	136.0	-1.0	6416.5	3556.0	3556.0
Mean	141.5	-6.5	6479.5	3585.0	3585.0
SD	7.8	7.8	89.1	41.0	41.0
%RSD	5.5	119.7	1.4	1.1	1.1

APPARENT CONCENTRATIONS
Identity 1 : 280587d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:22:42 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	1.5870	0.0042	16.5523	3614.000 H	108.7743
# 2	1.4571	0.0096	16.4969	3556.000 H	107.0255
Mean	1.5221	0.0069	16.5246	3585.000 H	107.8999
SD	0.0918	0.0038	0.0392	41.012	1.2366
%RSD	6.0339	54.8658	0.2371	1.144	1.1461

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280588 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:25:46 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	140.5	0.0	6647.0	3582.5	3582.5
# 2	146.5	-9.0	6588.0	3535.5	3535.5
Mean	143.5	-4.5	6617.5	3559.0	3559.0
SD	4.2	6.4	41.7	33.2	33.2
%RSD	3.0	141.4	0.6	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : 280588 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:25:46 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	1.5092	0.0101	16.9753	3582.500 H	107.8245
# 2	1.6277	0.0056	17.0501	3535.500 H	106.4074

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Mean	1.5684	0.0078	17.0127	3559.000 H	107.1159
SD	0.0838	0.0032	0.0529	33.234	1.0021
%RSD	5.3459	40.4961	0.3110	0.934	0.9355

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280588s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:28:48 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1485.5	5.0	14177.0	3545.5	3545.5
# 2	1470.5	3.0	13891.0	3487.5	3487.5
Mean	1478.0	4.0	14034.0	3516.5	3516.5
SD	10.6	1.4	202.2	41.0	41.0
%RSD	0.7	35.4	1.4	1.2	1.2

APPARENT CONCENTRATIONS
Identity 1 : 280588s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:28:48 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	21.8079	0.0125	37.0807	3545.500 H	106.7089
# 2	21.9504	0.0116	36.9352	3487.500 H	104.9600
Mean	21.8791	0.0121	37.0080	3516.500 H	105.8345
SD	0.1008	0.0007	0.1029	41.012	1.2366
%RSD	0.4607	5.6753	0.2780	1.166	1.1684

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280589 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:31:52 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	143.5	131.5	2812.0	3582.5	3582.5
# 2	124.5	109.5	2735.0	3514.5	3514.5
Mean	134.0	120.5	2773.5	3548.5	3548.5
SD	13.4	15.6	54.4	48.1	48.1
%RSD	10.0	12.9	2.0	1.4	1.4

APPARENT CONCENTRATIONS
Identity 1 : 280589 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:31:52 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	1.5539	0.0746	6.9330	3582.500 H	107.8245
# 2	1.3064	0.0649	6.8699	3514.500 H	105.7742
Mean	1.4301	0.0698	6.9014	3548.500 H	106.7993
SD	0.1750	0.0069	0.0446	48.083	1.4498
%RSD	12.2391	9.8972	0.6461	1.355	1.3575

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280590 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:34:58 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361

# 1	121.0	125.0	2761.0	3604.5	3604.5
# 2	136.0	114.0	2675.0	3449.5	3449.5
Mean	128.5	119.5	2718.0	3527.0	3527.0
SD	10.6	7.8	60.8	109.6	109.6

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010544

%RSD	8.3	6.5	2.2	3.1	3.1

APPARENT CONCENTRATIONS
Identity 1 : 280590 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:34:58 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	1.2072	0.0711	6.7553	3604.500 H	108.4879
# 2	1.5202	0.0682	6.8443	3449.500 H	103.8143
Mean	1.3637	0.0696	6.7998	3527.000 H	106.1511
SD	0.2214	0.0020	0.0629	109.602	3.3047
%RSD	16.2323	2.9130	0.9256	3.108	3.1132

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280643 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:38:06 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	72.5	-19.0	2118.0	3541.0	3541.0
# 2	81.5	-18.0	2025.0	3421.0	3421.0
Mean	77.0	-18.5	2071.5	3481.0	3481.0
SD	6.4	0.7	65.8	84.9	84.9
%RSD	8.3	3.8	3.2	2.4	2.4

APPARENT CONCENTRATIONS
Identity 1 : 280643 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:38:06 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5073	0.0006	5.1807	3541.000 H	106.5732
# 2	0.6863	0.0008	5.1225	3421.000 H	102.9549
Mean	0.5968	0.0007	5.1516	3481.000 H	104.7641
SD	0.1266	0.0001	0.0412	84.853	2.5585
%RSD	21.2102	18.2171	0.7989	2.438	2.4422

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280644 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:41:10 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	72.5	-7.0	2156.0	3559.0	3559.0
# 2	61.5	-15.0	2155.0	3506.0	3506.0
Mean	67.0	-11.0	2155.5	3532.5	3532.5
SD	7.8	5.7	0.7	37.5	37.5
%RSD	11.6	51.4	0.0	1.1	1.1

APPARENT CONCENTRATIONS
Identity 1 : 280644 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:41:10 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5017	0.0066	5.2524	3559.000 H	107.1159

# 2	0.3503	0.0023	5.3357	3506.000 H	105.3179
Mean	0.4261	0.0046	5.2941	3532.500 H	106.3169
SD	0.1069	0.0029	0.0589	37.477	1.1300
%RSD	25.0974	62.9839	1.1117	1.061	1.0629

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010545

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:44:14 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1391.5	10261.0	11588.0	3572.0	3572.0
# 2	1378.5	10074.0	11407.0	3492.0	3492.0
Mean	1385.0	10167.5	11497.5	3532.0	3532.0
SD	9.2	132.2	128.0	56.6	56.6
%RSD	0.7	1.3	1.1	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:44:14 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.2351	5.0642	30.0029	3572.000 H	107.5079
# 2	20.5132	5.0858	30.2139	3492.000 H	105.0957
Mean	20.3741	5.0750	30.1084	3532.000 H	106.3018
SD	0.1966	0.0153	0.1492	56.569	1.7057
%RSD	0.9650	0.3005	0.4955	1.602	1.6046

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.374	22.000
Li670	4.500	5.075	5.500
Na589	27.000	30.108	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:48:18 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	41.5	-11.0	108.5	3500.5	3500.5
# 2	29.5	-5.0	140.5	3407.5	3407.5
Mean	35.5	-8.0	124.5	3454.0	3454.0
SD	8.5	4.2	22.6	65.8	65.8
%RSD	23.9	53.0	18.2	1.9	1.9

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:48:18 PM July 7, 2006

		K_766	Li670	Na589	Sc	Sc361
		ppm	ppm	ppm		ppm
# 1		0.0466	0.0045 L	-0.1397	3500.500 H	105.3520
# 2	L	-0.1244	0.0075 L	-0.0437	3407.500 H	102.5479
Mean	L	-0.0389	0.0060 L	-0.0917	3454.000 H	103.9499
SD		0.1209	0.0021	0.0679	65.761	1.9828
%RSD		310.7833	34.7055	74.0286	1.904	1.9075

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :
Report name CRDL Value
K_766 0.250 -0.039
Li670 0.010 0.006
EVOLUTION by Micro-Active Australia Pty Ltd 2:58:48 PM July 7, 2006

010546

Na589 0.050 -0.092 Contaminated
Sc361 0.000 103.950
BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280645 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:52:22 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	50.5	-25.0	117.5	3947.0	3947.0
# 2	40.5	-21.0	135.5	3822.0	3822.0
Mean	45.5	-23.0	126.5	3884.5	3884.5
SD	7.1	2.8	12.7	88.4	88.4
%RSD	15.5	12.3	10.1	2.3	2.3

APPARENT CONCENTRATIONS
Identity 1 : 280645 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:52:22 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.0968 L	-0.0011 L	-0.1513	3947.000 H	118.8150
# 2 L	-0.0207	0.0004 L	-0.0979	3822.000 H	115.0460
Mean	0.0380 L	-0.0003 L	-0.1246	3884.500 H	116.9305
SD	0.0831	0.0010	0.0377	88.388	2.6651
%RSD	218.4451	302.0809	30.2580	2.275	2.2792

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280646 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:55:26 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	170.0	-21.0	903.0	3591.0	3591.0
# 2	169.0	-20.0	858.0	3533.0	3533.0
Mean	169.5	-20.5	880.5	3562.0	3562.0
SD	0.7	0.7	31.8	41.0	41.0
%RSD	0.4	3.4	3.6	1.2	1.2

APPARENT CONCENTRATIONS
Identity 1 : 280646 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:55:26 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	1.9433 L	-0.0002	1.9285	3591.000 H	108.0808
# 2	1.9697	0.0001	1.8477	3533.000 H	106.3320
Mean	1.9565 L	-0.0001	1.8881	3562.000 H	107.2064
SD	0.0187	0.0002	0.0571	41.012	1.2366
%RSD	0.9546	360.3052	3.0246	1.151	1.1535

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280647 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:58:28 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	181.5	-19.5	892.5	3586.0	3586.0
# 2	186.5	-10.5	864.5	3462.0	3462.0

Mean	184.0	-15.0	878.5	3524.0	3524.0
SD	3.5	6.4	19.8	87.7	87.7
%RSD	1.9	42.4	2.3	2.5	2.5

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010547

APPARENT CONCENTRATIONS
Identity 1 : 280647 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:58:30 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	2.1182	0.0005	1.9043	3586.000 H	107.9300
# 2	2.2923	0.0047	1.9120	3462.000 H	104.1912
Mean	2.2053	0.0026	1.9082	3524.000 H	106.0606
SD	0.1231	0.0030	0.0055	87.681	2.6438
%RSD	5.5822	114.7169	0.2874	2.488	2.4927

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:01:32 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	38.0	180.0	136.0	3590.0	3590.0
# 2	39.0	184.0	151.0	3507.0	3507.0
Mean	38.5	182.0	143.5	3548.5	3548.5
SD	0.7	2.8	10.6	58.7	58.7
%RSD	1.8	1.6	7.4	1.7	1.7

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:01:32 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1 L	-0.0213	0.0983 L	-0.0751	3590.000 H	108.0507
# 2	0.0073	0.1024 L	-0.0266	3507.000 H	105.5480
Mean L	-0.0070	0.1003 L	-0.0509	3548.500 H	106.7993
SD	0.0202	0.0029	0.0343	58.690	1.7696
%RSD	288.5549	2.8860	67.4681	1.654	1.6570

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.090	0.100	0.110

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 3:04:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	36.0	-20.0	150.5	3366.5	3366.5
# 2	40.0	-20.0	113.5	3274.5	3274.5
Mean	38.0	-20.0	132.0	3320.5	3320.5
SD	2.8	0.0	26.2	65.1	65.1
%RSD	7.4	0.0	19.8	2.0	2.0

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 3:04:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1 L	-0.0155 L	-0.0004 L	-0.0111	3366.500 H	101.3116
# 2	0.0658 L	-0.0007 L	-0.1054	3274.500	98.5376

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Mean	0.0252 L	-0.0005 L	-0.0582	3320.500	99.9246
SD	0.0575	0.0002	0.0666	65.054	1.9615
%RSD	228.7149	38.4927	114.3824	1.959	1.9630

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 3:07:40 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	50.0	2035.5	155.5	3391.0	3391.0
# 2	54.0	1984.5	154.5	3325.0	3325.0
Mean	52.0	2010.0	155.0	3358.0	3358.0
SD	2.8	36.1	0.7	46.7	46.7
%RSD	5.4	1.8	0.5	1.4	1.4

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 3:07:40 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2010	1.0662 L	-0.0003	3391.000 H	102.0504
# 2	0.2810	1.0602	0.0054	3325.000 H	100.0603
Mean	0.2410	1.0632	0.0025	3358.000 H	101.0553
SD	0.0565	0.0043	0.0040	46.669	1.4072
%RSD	23.4571	0.4006	160.1194	1.390	1.3925

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.800	1.063	1.200

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:10:44 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1399.0	10154.0	11480.0	3546.5	3546.5
# 2	1383.0	10040.0	11432.0	3506.5	3506.5
Mean	1391.0	10097.0	11456.0	3526.5	3526.5
SD	11.3	80.6	33.9	28.3	28.3
%RSD	0.8	0.8	0.3	0.8	0.8

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:10:44 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.4979	5.0475	29.9361	3546.500 H	106.7390
# 2	20.4945	5.0477	30.1541	3506.500 H	105.5329
Mean	20.4962	5.0476	30.0451	3526.500 H	106.1360
SD	0.0024	0.0002	0.1541	28.284	0.8528
%RSD	0.0116	0.0037	0.5130	0.802	0.8035

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.496	22.000

010549

Li670	4.500	5.048	5.500
Na589	27.000	30.045	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 3:13:46 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	30.5	-13.5	110.0	3507.0	3507.0
# 2	41.5	-16.5	130.0	3433.0	3433.0
Mean	36.0	-15.0	120.0	3470.0	3470.0
SD	7.8	2.1	14.1	52.3	52.3
%RSD	21.6	14.1	11.8	1.5	1.5

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 3:13:46 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1 L	-0.1223	0.0033 L	-0.1363	3507.000 H	105.5480
# 2	0.0590	0.0016 L	-0.0753	3433.000 H	103.3167
Mean L	-0.0316	0.0024 L	-0.1058	3470.000 H	104.4324
SD	0.1282	0.0012	0.0431	52.326	1.5777
%RSD	405.5726	48.6808	40.7748	1.508	1.5108

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	-0.032	
Li670	0.010	0.002	
Na589	0.050	-0.106	Contaminated
Sc361	0.000	104.432	

BACKGROUND CORRECTED INTENSITIES
Identity 1 : pbw-G07H3 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:17:50 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	45.5	-24.0	118.0	3513.5	3513.5
# 2	52.5	-22.0	162.0	3377.5	3377.5
Mean	49.0	-23.0	140.0	3445.5	3445.5
SD	4.9	1.4	31.1	96.2	96.2
%RSD	10.1	6.1	22.2	2.8	2.8

7-7-06

Samples like POOR out 7.7.06

APPARENT CONCENTRATIONS
Identity 1 : pbw-G07H3 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:17:50 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1051 L	-0.0020 L	-0.1155	3513.500 H	105.7440
# 2	0.2437 L	-0.0014	0.0194	3377.500 H	101.6433
Mean	0.1744 L	-0.0017 L	-0.0480	3445.500 H	103.6937
SD	0.0980	0.0004	0.0954	96.167	2.8996
%RSD	56.2131	23.4909	198.6847	2.791	2.7964

BACKGROUND CORRECTED INTENSITIES
Identity 1 : lcsw-G07H3 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:20:56 PM July 7, 2006

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010550

	K_766	Li670	Na589	Sc	Sc361
# 1	1341.5	-21.5	7686.5	3556.0	3556.0
# 2	1313.5	-26.5	7591.5	3471.0	3471.0
Mean	1327.5	-24.0	7639.0	3513.5	3513.5
SD	19.8	3.5	67.2	60.1	60.1
%RSD	1.5	14.7	0.9	1.7	1.7

7-7-06

APPARENT CONCENTRATIONS

Sample Ion Pulled 0.4 DL 7-7-06

Identity 1 : lcsw-G07H3 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:20:56 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	19.5772 L	-0.0006	19.8473	3556.000 H	107.0255
# 2	19.6399 L	-0.0034	20.0871	3471.000 H	104.4625
Mean	19.6086 L	-0.0020	19.9672	3513.500 H	105.7440
SD	0.0443	0.0020	0.1696	60.104	1.8123
%RSD	0.2258	100.0542	0.8493	1.711	1.7138

EVOLUTION by Micro-Active Australia Pty Ltd 3:30:24 PM July 7, 2006 010551

BACKGROUND CORRECTED INTENSITIES 7-7-06 Sample low pulled out
Identity 1 : 282158 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:24:00 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	49.5	-21.0	2328.5	3615.0	3615.0
# 2	65.5	-12.0	2257.5	3507.0	3507.0
Mean	57.5	-16.5	2293.0	3561.0	3561.0
SD	11.3	6.4	50.2	76.4	76.4
%RSD	19.7	38.6	2.2	2.1	2.1

APPARENT CONCENTRATIONS
Identity 1 : 282158 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:24:00 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1448 L	-0.0002	5.6121	3615.000 H	108.8045
# 2	0.4112	0.0040	5.6082	3507.000 H	105.5480
Mean	0.2780	0.0019	5.6101	3561.000 H	107.1762
SD	0.1884	0.0030	0.0027	76.368	2.3027
%RSD	67.7617	153.1482	0.0484	2.145	2.1485

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282158d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:27:06 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	33.5	-12.0	105.5	4.0	4.0
# 2	26.5	-10.0	87.5	2.0	2.0
Mean	30.0	-11.0	96.5	3.0	3.0
SD	4.9	1.4	12.7	1.4	1.4
%RSD	16.5	12.9	13.2	47.1	47.1

APPARENT CONCENTRATIONS
Identity 1 : 282158d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:27:06 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1 H	447.0646 L	-5.2682 H	246.9963	4.000 L	-0.0754
# 2 H	707.6380 L	-8.7870 H	409.9932	2.000 L	-0.1357
Mean H	577.3513 L	-7.0276 H	328.4948	3.000 L	-0.1055
SD	184.2532	2.4882	115.2562	1.414	0.0426
%RSD	31.9135	35.4059	35.0862	47.140	40.4061

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282159 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:30:14 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	45.0	13.5	59.5	1.5	1.5
# 2	42.0	9.5	123.5	2.5	2.5
Mean	43.5	11.5	91.5	2.0	2.0

SD	2.1	2.8	45.3	0.7	0.7
%RSD	4.9	24.6	49.5	35.4	35.4

APPARENT CONCENTRATIONS
Identity 1 : 282159 Identity 2 : Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd 3:40:26 PM July 7, 2006

010552

Weight : 1.0000 Volume : 1.00 Printed : 3:30:14 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	H 1602.9414 H	15.8449 H	371.6870	1.500 L	-0.1508
# 2	H 897.3889	6.6959 H	462.9965	2.500 L	-0.1206
Mean	H 1250.1652 H	11.2704 H	417.3417	2.000 L	-0.1357
SD	498.9010	6.4693	64.5656	0.707	0.0213
%RSD	39.9068	57.4011	15.4707	35.355	15.7135

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282159s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:33:18 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	40.5	-17.5	66.0	2.5	2.5
# 2	38.5	-21.5	72.0	2.5	2.5
Mean	39.5	-19.5	69.0	2.5	2.5
SD	1.4	2.8	4.2	0.0	0.0
%RSD	3.6	14.5	6.1	0.0	0.0

APPARENT CONCENTRATIONS
Identity 1 : 282159s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:33:18 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	H 865.3183 L	-12.3059 H	247.2309	2.500 L	-0.1206
# 2	H 822.5575 L	-15.1210 H	269.7455	2.500 L	-0.1206
Mean	H 843.9379 L	-13.7134 H	258.4882	2.500 L	-0.1206
SD	30.2364	1.9906	15.9203	0.000	0.0000
%RSD	3.5828	14.5154	6.1590	0.000	0.0000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282160 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:36:22 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	33.0	-21.0	45.5	1.0	1.0
# 2	29.0	-15.0	66.5	-1.0	-1.0
Mean	31.0	-18.0	56.0	0.0	0.0
SD	2.8	4.2	14.8	1.4	1.4
%RSD	9.1	23.6	26.5	0.0	0.0

APPARENT CONCENTRATIONS
Identity 1 : 282160 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:36:22 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	H 1763.2943 L	-36.9378 H	426.4101	1.000 L	-0.1658
# 2	L-1550.6647 H	26.4014 L	-624.2746 L	-1.000 L	-0.2261
Mean	H 106.3148 L	-5.2682 L	-98.9322	0.000 L	-0.1960
SD	2343.3229	44.7876	742.9463	1.414	0.0426

%RSD 2204.1362 830.1484 730.9630 0.000 21.7571

Starting run ...
Creating high priority queue entries ...
BACKGROUND CORRECTED INTENSITIES
EVOLUTION by Micro-Active Australia Pty Ltd 3:40:26 PM July 7, 2006 010553

Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:40:14 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1412.0	10381.5	11737.5	3629.5	3629.5
# 2	1391.0	10107.5	11529.5	3535.5	3535.5
Mean	1401.5	10244.5	11633.5	3582.5	3582.5
SD	14.8	193.7	147.1	66.5	66.5
%RSD	1.1	1.9	1.3	1.9	1.9

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 3:40:14 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.2071	5.0426	29.9072	3629.500 H	109.2417
# 2	20.4425	5.0400	30.1619	3535.500 H	106.4074
Mean	20.3248	5.0413	30.0346	3582.500 H	107.8245
SD	0.1664	0.0018	0.1801	66.468	2.0042
%RSD	0.8189	0.0358	0.5996	1.855	1.8587

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.325	22.000
Li670	4.500	5.041	5.500
Na589	27.000	30.035	33.000

EVOLUTION by Micro-Active Australia Pty Ltd 3:50:48 PM July 7, 2006

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 3:43:18 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	36.5	4.5	170.0	3552.0	3552.0
# 2	39.5	-1.5	134.0	3471.0	3471.0
Mean	38.0	1.5	152.0	3511.5	3511.5
SD	2.1	4.2	25.5	57.3	57.3
%RSD	5.6	282.8	16.7	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 3:43:18 PM July 7, 2006

		K_766		Li670		Na589		Sc		Sc361
		ppm		ppm		ppm				ppm
# 1	L	-0.0379		0.0123		0.0185		3552.000	H	106.9049
# 2		0.0212		0.0093	L	-0.0684		3471.000	H	104.4625
Mean	L	-0.0083		0.0108	L	-0.0249		3511.500	H	105.6837
SD		0.0417		0.0021		0.0614		57.276		1.7270
%RSD		500.1498		19.5825		246.0848		1.631		1.6341

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	-0.008	
Li670	0.010	0.011	Contaminated
Na589	0.050	-0.025	
Sc361	0.000	105.684	

BACKGROUND CORRECTED INTENSITIES
Identity 1 : pbw-G07H3 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:47:22 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	30.0	-16.0	132.0	3564.0	3564.0
# 2	41.0	3.0	104.0	3481.0	3481.0
Mean	35.5	-6.5	118.0	3522.5	3522.5
SD	7.8	13.4	19.8	58.7	58.7
%RSD	21.9	206.7	16.8	1.7	1.7

APPARENT CONCENTRATIONS
Identity 1 : pbw-G07H3 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:47:22 PM July 7, 2006

		K_766		Li670		Na589		Sc		Sc361
		ppm		ppm		ppm				ppm
# 1	L	-0.1372		0.0022	L	-0.0831		3564.000	H	107.2667
# 2		0.0424		0.0116	L	-0.1502		3481.000	H	104.7641
Mean	L	-0.0474		0.0069	L	-0.1167		3522.500	H	106.0154
SD		0.1270		0.0067		0.0475		58.690		1.7696
%RSD		268.1593		96.9230		40.7163		1.666		1.6692

Keep last result visible enabled ...

BACKGROUND CORRECTED INTENSITIES
Identity 1 : lcsw-G07H3 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:50:26 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd				3:50:48 PM July 7, 2006	
# 1	1381.0	-29.5	7738.5	3593.5	3593.5
# 2	1366.0	-12.5	7662.5	3528.5	3528.5
Mean	1373.5	-21.0	7700.5	3561.0	3561.0
SD	10.6	12.0	53.7	46.0	46.0
%RSD	0.8	57.2	0.7	1.3	1.3

010555

APPARENT CONCENTRATIONS
Identity 1 : lcsw-G07H3 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:50:26 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	19.9544 L	-0.0044	19.7714	3593.500 H	108.1562
# 2	20.1055	0.0038	19.9415	3528.500 H	106.1963
Mean	20.0299 L	-0.0003	19.8565	3561.000 H	107.1762
SD	0.1069	0.0058	0.1203	45.962	1.3859
%RSD	0.5337	2085.8776	0.6057	1.291	1.2931

EVOLUTION by Micro-Active Australia Pty Ltd 3:59:48 PM July 7, 2006

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282158 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:53:30 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	69.0	-11.5	2282.0	3551.0	3551.0
# 2	74.0	-16.5	2270.0	3469.0	3469.0
Mean	71.5	-14.0	2276.0	3510.0	3510.0
SD	3.5	3.5	8.5	58.0	58.0
%RSD	4.9	25.3	0.4	1.7	1.7

APPARENT CONCENTRATIONS
Identity 1 : 282158 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:53:30 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.4515	0.0044	5.5981	3551.000 H	106.8747
# 2	0.5531	0.0017	5.7082	3469.000 H	104.4022
Mean	0.5023	0.0030	5.6531	3510.000 H	105.6385
SD	0.0718	0.0019	0.0778	57.983	1.7483
%RSD	14.3014	62.3925	1.3766	1.652	1.6550

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282158d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:56:34 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	73.0	0.0	2357.5	3591.5	3591.5
# 2	80.0	-11.0	2254.5	3497.5	3497.5
Mean	76.5	-5.5	2306.0	3544.5	3544.5
SD	4.9	7.8	72.8	66.5	66.5
%RSD	6.5	141.4	3.2	1.9	1.9

APPARENT CONCENTRATIONS
Identity 1 : 282158d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:56:34 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.4993	0.0101	5.7273	3591.500 H	108.0959
# 2	0.6355	0.0045	5.6166	3497.500 H	105.2616
Mean	0.5674	0.0073	5.6720	3544.500 H	106.6787
SD	0.0963	0.0039	0.0783	66.468	2.0042
%RSD	16.9704	53.6509	1.3809	1.875	1.8787

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282159 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 3:59:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	69.5	-12.5	3691.0	3576.0	3576.0
# 2	75.5	-11.5	3604.0	3496.0	3496.0
Mean	72.5	-12.0	3647.5	3536.0	3536.0

SD	4.2	0.7	61.5	56.6	56.6
%RSD	5.9	5.9	1.7	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : 282159 Identity 2 : Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd 4:08:48 PM July 7, 2006

010557

Weight : 1.0000 Volume : 1.00 Printed : 3:59:36 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.4517	0.0039	9.2523	3576.000 H	107.6285
# 2	0.5672	0.0043	9.2404	3496.000 H	105.2163
Mean	0.5095	0.0041	9.2463	3536.000 H	106.4224
SD	0.0817	0.0003	0.0084	56.569	1.7057
%RSD	16.0315	6.2661	0.0909	1.600	1.6027

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282159s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:02:40 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1415.5	-19.0	11185.0	3582.0	3582.0
# 2	1376.5	-22.0	10879.0	3509.0	3509.0
Mean	1396.0	-20.5	11032.0	3545.5	3545.5
SD	27.6	2.1	216.4	51.6	51.6
%RSD	2.0	10.3	2.0	1.5	1.5

APPARENT CONCENTRATIONS
Identity 1 : 282159s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:02:40 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	20.5351	0.0007	28.8625	3582.000 H	107.8094
# 2	20.3805 L	-0.0010	28.6539	3509.000 H	105.6083
Mean	20.4578 L	-0.0001	28.7582	3545.500 H	106.7089
SD	0.1094	0.0012	0.1476	51.619	1.5564
%RSD	0.5345	986.0679	0.5131	1.456	1.4586

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282160 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:05:44 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	77.5	-23.0	2440.5	3572.5	3572.5
# 2	68.5	-22.0	2324.5	3480.5	3480.5
Mean	73.0	-22.5	2382.5	3526.5	3526.5
SD	6.4	0.7	82.0	65.1	65.1
%RSD	8.7	3.1	3.4	1.8	1.8

APPARENT CONCENTRATIONS
Identity 1 : 282160 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:05:44 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5724 L	-0.0013	5.9780	3572.500 H	107.5230
# 2	0.4649 L	-0.0011	5.8348	3480.500 H	104.7490
Mean	0.5186 L	-0.0012	5.9064	3526.500 H	106.1360
SD	0.0761	0.0001	0.1013	65.054	1.9615

%RSD	14.6651	12.5162	1.7151	1.845	1.8481

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282161 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:08:48 PM July 7, 2006
EVOLUTION by Micro-Active Australia Pty Ltd 4:15:18 PM July 7, 2006

010558

	K_766	Li670	Na589	Sc	Sc361
# 1	83.5	-25.5	2310.0	3581.0	3581.0
# 2	71.5	-22.5	2287.0	3505.0	3505.0
Mean	77.5	-24.0	2298.5	3543.0	3543.0
SD	8.5	2.1	16.3	53.7	53.7
%RSD	10.9	8.8	0.7	1.5	1.5

APPARENT CONCENTRATIONS
Identity 1 : 282161 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:08:48 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.6592 L	-0.0025	5.6210	3581.000 H	107.7793
# 2	0.5033 L	-0.0012	5.6906	3505.000 H	105.4877
Mean	0.5812 L	-0.0019	5.6558	3543.000 H	106.6335
SD	0.1103	0.0009	0.0493	53.740	1.6204
%RSD	18.9748	47.1332	0.8709	1.517	1.5196

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282162 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:11:52 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	81.5	-15.5	2376.5	3599.5	3599.5
# 2	79.5	-17.5	2298.5	3504.5	3504.5
Mean	80.5	-16.5	2337.5	3552.0	3552.0
SD	1.4	1.4	55.2	67.2	67.2
%RSD	1.8	8.6	2.4	1.9	1.9

APPARENT CONCENTRATIONS
Identity 1 : 282162 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:11:52 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.6231	0.0025	5.7632	3599.500 H	108.3371
# 2	0.6254	0.0013	5.7223	3504.500 H	105.4726
Mean	0.6243	0.0019	5.7427	3552.000 H	106.9049
SD	0.0016	0.0009	0.0289	67.175	2.0255
%RSD	0.2609	45.5195	0.5036	1.891	1.8947

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282163 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:14:56 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	61.0	-36.0	2333.5	3597.0	3597.0
# 2	63.0	-31.0	2261.5	3494.0	3494.0
Mean	62.0	-33.5	2297.5	3545.5	3545.5
SD	1.4	3.5	50.9	72.8	72.8
%RSD	2.3	10.6	2.2	2.1	2.1

APPARENT CONCENTRATIONS
Identity 1 : 282163 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:14:56 PM July 7, 2006

010559

	K_766	Li670	Na589	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd			4:22:18 PM July 7, 2006		
	ppm	ppm	ppm		ppm
# 1	0.3193 L	-0.0075	5.6553	3597.000 H	108.2617
# 2	0.3767 L	-0.0056	5.6414	3494.000 H	105.1560
Mean	0.3480 L	-0.0065	5.6484	3545.500 H	106.7089
SD	0.0405	0.0014	0.0098	72.832	2.1961
%RSD	11.6463	21.5779	0.1741	2.054	2.0580

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 4:18:00 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1373.5	10107.0	11470.0	3517.0	3517.0
# 2	1321.5	9774.0	11170.0	3404.0	3404.0
Mean	1347.5	9940.5	11320.0	3460.5	3460.5
SD	36.8	235.5	212.1	79.9	79.9
%RSD	2.7	2.4	1.9	2.3	2.3

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 4:18:00 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.2872	5.0662	30.1641	3517.000 H	105.8495
# 2	20.1636	5.0619	30.3530	3404.000 H	102.4423
Mean	20.2254	5.0641	30.2586	3460.500 H	104.1459
SD	0.0874	0.0030	0.1335	79.903	2.4093
%RSD	0.4320	0.0597	0.4413	2.309	2.3133

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.225	22.000
Li670	4.500	5.064	5.500
Na589	27.000	30.259	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 4:22:06 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	51.0	-9.0	121.5	3518.5	3518.5
# 2	51.0	-5.0	86.5	3393.5	3393.5
Mean	51.0	-7.0	104.0	3456.0	3456.0
SD	0.0	2.8	24.7	88.4	88.4
%RSD	0.0	40.4	23.8	2.6	2.6

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 4:22:06 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1877	0.0056 L	-0.1066	3518.500 H	105.8948

# 2	0.2162	0.0075 L	-0.1914	3393.500 H	102.1257
Mean	0.2019	0.0065 L	-0.1490	3456.000 H	104.0103
SD	0.0202	0.0013	0.0600	88.388	2.6651
%RSD	9.9938	20.7144	40.2581	2.558	2.5624

EVOLUTION by Micro-Active Australia Pty Ltd 4:32:28 PM July 7, 2006

010560

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	0.202	
Li670	0.010	0.007	
Na589	0.050	-0.149	Contaminated
Sc361	0.000	104.010	

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282164 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:26:10 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	62.0	-22.0	2310.5	3562.5	3562.5
# 2	73.0	-38.0	2324.5	3520.5	3520.5
Mean	67.5	-30.0	2317.5	3541.5	3541.5
SD	7.8	11.3	9.9	29.7	29.7
%RSD	11.5	37.7	0.4	0.8	0.8

APPARENT CONCENTRATIONS
Identity 1 : 282164 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:26:10 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.3431 L	-0.0008	5.6537	3562.500 H	107.2215
# 2	0.5212 L	-0.0089	5.7636	3520.500 H	105.9551
Mean	0.4322 L	-0.0049	5.7087	3541.500 H	106.5883
SD	0.1259	0.0057	0.0777	29.698	0.8955
%RSD	29.1410	118.0272	1.3612	0.839	0.8401

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282165 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:29:14 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	72.0	-13.5	2243.0	3551.5	3551.5
# 2	87.0	-22.5	2312.0	3511.5	3511.5
Mean	79.5	-18.0	2277.5	3531.5	3531.5
SD	10.6	6.4	48.8	28.3	28.3
%RSD	13.3	35.4	2.1	0.8	0.8

APPARENT CONCENTRATIONS
Identity 1 : 282165 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:29:14 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.4965	0.0034	5.4943	3551.500 H	106.8898
# 2	0.7372 L	-0.0012	5.7461	3511.500 H	105.6837
Mean	0.6168	0.0011	5.6202	3531.500 H	106.2867
SD	0.1702	0.0032	0.1781	28.284	0.8528
%RSD	27.5886	300.4657	3.1684	0.801	0.8024

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282166 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:32:16 PM July 7, 2006

010561

	K_766	Li670	Na589	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd				4:32:28 PM July 7, 2006	
# 1	76.0	-18.5	2260.5	3554.5	3554.5
# 2	90.0	-14.5	2240.5	3474.5	3474.5
Mean	83.0	-16.5	2250.5	3514.5	3514.5
SD	9.9	2.8	14.1	56.6	56.6
%RSD	11.9	17.1	0.6	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : 282166 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:32:16 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.5557	0.0009	5.5354	3554.500 H	106.9803
# 2	0.7974	0.0027	5.6188	3474.500 H	104.5681
Mean	0.6766	0.0018	5.5771	3514.500 H	105.7742
SD	0.1709	0.0013	0.0589	56.569	1.7057
%RSD	25.2588	70.8928	1.0570	1.610	1.6126

010562

EVOLUTION by Micro-Active Australia Pty Ltd 4:41:48 PM July 7, 2006

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282167 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:35:20 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	68.5	-28.0	2307.0	3579.0	3579.0
# 2	68.5	-18.0	2246.0	3470.0	3470.0
Mean	68.5	-23.0	2276.5	3524.5	3524.5
SD	0.0	7.1	43.1	77.1	77.1
%RSD	0.0	30.7	1.9	2.2	2.2

APPARENT CONCENTRATIONS
Identity 1 : 282167 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:35:20 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.4359 L	-0.0037	5.6165	3579.000 H	107.7190
# 2	0.4680	0.0009	5.6415	3470.000 H	104.4324
Mean	0.4520 L	-0.0014	5.6290	3524.500 H	106.0757
SD	0.0227	0.0033	0.0177	77.075	2.3240
%RSD	5.0274	236.6557	0.3145	2.187	2.1909

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282168 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:38:28 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	76.5	-16.0	2298.5	3583.0	3583.0
# 2	82.5	-15.0	2247.5	3520.0	3520.0
Mean	79.5	-15.5	2273.0	3551.5	3551.5
SD	4.2	0.7	36.1	44.5	44.5
%RSD	5.3	4.6	1.6	1.3	1.3

APPARENT CONCENTRATIONS
Identity 1 : 282168 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 4:38:28 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5541	0.0022	5.5875	3583.000 H	107.8396
# 2	0.6656	0.0026	5.5593	3520.000 H	105.9400
Mean	0.6099	0.0024	5.5734	3551.500 H	106.8898
SD	0.0789	0.0003	0.0199	44.548	1.3432
%RSD	12.9315	10.6602	0.3579	1.254	1.2566

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 4:41:32 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	38.5	186.5	144.0	3585.0	3585.0
# 2	33.5	172.5	132.0	3512.0	3512.0
Mean	36.0	179.5	138.0	3548.5	3548.5

SD	3.5	9.9	8.5	51.6	51.6
%RSD	9.8	5.5	6.1	1.5	1.5

APPARENT CONCENTRATIONS

010563

Identity 1 : CRI Identity 2 : Type : CV
EVOLUTION by Micro-Active Australia Pty Ltd 4:47:50 PM July 7, 2006

Weight : 1.0000 Volume : 1.00 Printed : 4:41:32 PM July 7, 2006

		K_766 ppm		Li670 ppm		Na589 ppm		Sc		Sc361 ppm
# 1	L	-0.0131		0.1016	L	-0.0537		3585.000	H	107.8999
# 2	L	-0.0773		0.0965	L	-0.0779		3512.000	H	105.6988
Mean	L	-0.0452		0.0990	L	-0.0658		3548.500	H	106.7993
SD		0.0454		0.0036		0.0171		51.619		1.5564
%RSD		100.4456		3.6494		26.0225		1.455		1.4573

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.090	0.099	0.110

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 4:44:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	40.5	-22.0	165.0	3398.5	3398.5
# 2	45.5	-15.0	155.0	3342.5	3342.5
Mean	43.0	-18.5	160.0	3370.5	3370.5
SD	3.5	4.9	7.1	39.6	39.6
%RSD	8.2	26.8	4.4	1.2	1.2

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 4:44:36 PM July 7, 2006

	K_766 ppm		Li670 ppm	Na589 ppm	Sc		Sc361 ppm
# 1	0.0499	L	-0.0013	0.0249	3398.500	H	102.2765
# 2	0.1405		0.0022	0.0045	3342.500	H	100.5880
Mean	0.0952		0.0004	0.0147	3370.500	H	101.4322
SD	0.0641		0.0025	0.0145	39.598		1.1940
%RSD	67.3275		592.0404	98.1485	1.175		1.1771

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 4:47:38 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	47.0	2057.0	136.0	3433.0	3433.0
# 2	53.0	2003.0	140.0	3347.0	3347.0
Mean	50.0	2030.0	138.0	3390.0	3390.0
SD	4.2	38.2	2.8	60.8	60.8
%RSD	8.5	1.9	2.0	1.8	1.8

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 4:47:40 PM July 7, 2006

K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm

# 1	0.1447	1.0643	L	-0.0589	3433.000	H	103.3167
# 2	0.2593	1.0630	L	-0.0381	3347.000	H	100.7237
Mean	0.2020	1.0636	L	-0.0485	3390.000	H	102.0202
SD	0.0810	0.0009		0.0147	60.811		1.8336

EVOLUTION by Micro-Active Australia Pty Ltd 4:54:18 PM July 7, 2006

010564

%RSD	40.1274	0.0863		30.2660	1.794		1.7973

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.800	1.064	1.200

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 4:50:42 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1393.5	10214.0	11612.5	3566.0	3566.0
# 2	1363.5	9996.0	11334.5	3476.0	3476.0
Mean	1378.5	10105.0	11473.5	3521.0	3521.0
SD	21.2	154.1	196.6	63.6	63.6
%RSD	1.5	1.5	1.7	1.8	1.8

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 4:50:42 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.3001	5.0495	30.1186	3566.000 H	107.3270
# 2	20.3796	5.0697	30.1593	3476.000 H	104.6133
Mean	20.3399	5.0596	30.1390	3521.000 H	105.9701
SD	0.0562	0.0142	0.0288	63.640	1.9189
%RSD	0.2764	0.2814	0.0955	1.807	1.8108

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.340	22.000
Li670	4.500	5.060	5.500
Na589	27.000	30.139	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 4:53:50 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	41.0	-6.5	95.0	3541.0	3541.0
# 2	33.0	3.5	139.0	3462.0	3462.0
Mean	37.0	-1.5	117.0	3501.5	3501.5
SD	5.7	7.1	31.1	55.9	55.9
%RSD	15.3	471.4	26.6	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 4:53:50 PM July 7, 2006

		K_766	Li670	Na589	Sc	Sc361
		ppm	ppm	ppm		ppm
# 1		0.0318	0.0068 L	-0.1788	3541.000 H	106.5732
# 2	L	-0.0776	0.0118 L	-0.0539	3462.000 H	104.1912

Mean	L	-0.0229		0.0093	L	-0.1164	3501.500 H	105.3822
SD		0.0774		0.0035		0.0884	55.861	1.6843
%RSD		337.5730		37.9399		75.9486	1.595	1.5983

EVOLUTION by Micro-Active Australia Pty Ltd 5:04:48 PM July 7, 2006

010565

Checking calibration blank ...

Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	-0.023	
Li670	0.010	0.009	
Na589	0.050	-0.116	Contaminated
Sc361	0.000	105.382	

☐ 200.7 TAP No. 01-0406-028 Rev3/Jan06

☑ 6010B TAP No. 01-0406-130 Rev5/Jan06

☐ Other_____

QC STD. ID's	
CCV	06G05
CRI	
ICSA	
ICSAB	06G05

ICP CAL.STD. ID's	010566
Std0	06G05
Std1	06G05
Std2	
Std3	
Std4	
Std5	
Std6	

VR 7/12/06

K Li Na K

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
06002.01.242	DIV. 20	060603	7-7-06	water	63-213
06002.01.242	DIV. 20	060604	7-7-06	water	63-214

INSTRUMENT: Spectro FILENAME: 060707A

7-9-06

File converted to wsl? ☐

EVOLUTION by Micro-Active Australia Pty Ltd 5:25:24 PM July 7, 2006 010567

Keep last result visible enabled ...
Starting run ...
Creating high priority queue entries ...
BACKGROUND CORRECTED INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 5:24:06 PM July 7, 2006

	K_766	Li670	Na589	Sc361
# 1	30.5	-18.5	125.0	3649.0
# 2	30.5	-27.5	149.0	3555.0
Mean	30.5	-23.0	137.0	3602.0
SD	0.0	6.4	17.0	66.5
%RSD	0.0	27.7	12.4	1.8

INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 5:24:06 PM July 7, 2006

	K_766	Li670	Na589	Sc361
# 1	0.0	-0.0	0.0	3649.0
# 2	0.0	-0.0	0.0	3555.0
Mean	0.0	-0.0	0.0	3602.0
SD	0.0	0.0	0.0	66.5
%RSD	1.8	29.4	14.2	1.8

7/7/06

7-7-06

EVOLUTION by Micro-Active Australia Pty Ltd 5:33:26 PM July 7, 2006 010568

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 5:27:08 PM July 7, 2006

	K_766	Li670	Na589
# 1	3340.0	19781.0	19049.5
# 2	3253.0	19254.0	18446.5
Mean	3296.5	19517.5	18748.0
SD	61.5	372.6	426.4
%RSD	1.9	1.9	2.3

INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 5:27:08 PM July 7, 2006

	K_766	Li670	Na589
# 1	0.9	5.6	5.4
# 2	0.9	5.6	5.3
Mean	0.9	5.6	5.3
SD	0.0	0.0	0.0
%RSD	0.1	0.1	0.3

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 5:30:12 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1414.0	10340.0	11781.0	3622.5	3622.5
# 2	1389.0	10077.0	11457.0	3522.5	3522.5
Mean	1401.5	10208.5	11619.0	3572.5	3572.5
SD	17.7	186.0	229.1	70.7	70.7
%RSD	1.3	1.8	2.0	2.0	2.0

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 5:30:12 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.5033	5.1359	30.2859	3622.500 H	100.5702
# 2	20.7172	5.1474	30.2892	3522.500	97.7889
Mean	20.6103	5.1417	30.2876	3572.500	99.1795
SD	0.1513	0.0081	0.0023	70.711	1.9666
%RSD	0.7339	0.1573	0.0076	1.979	1.9829

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.610	22.000
Li670	4.500	5.142	5.500
Na589	27.000	30.288	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 5:33:16 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	45.5	-14.0	117.0	3594.0	3594.0
# 2	37.5	-12.0	79.0	3529.0	3529.0

EVOLUTION by Micro-Active Australia Pty Ltd 5:39:50 PM July 7, 2006

010569

Mean	41.5	-13.0	98.0	3561.5	3561.5
SD	5.7	1.4	26.9	46.0	46.0
%RSD	13.6	10.9	27.4	1.3	1.3

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 5:33:16 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2251	0.0045 L	-0.0516	3594.000	99.7775
# 2	0.1159	0.0054 L	-0.1475	3529.000	97.9697
Mean	0.1705	0.0049 L	-0.0995	3561.500	98.8736
SD	0.0772	0.0006	0.0678	45.962	1.2783
%RSD	45.2853	12.7859	68.0600	1.291	1.2929

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	0.171	
Li670	0.010	0.005	
Na589	0.050	-0.100	Contaminated
Sc361	0.000	98.874	

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 5:36:20 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	36.0	187.5	136.5	3593.5	3593.5
# 2	39.0	185.5	131.5	3525.5	3525.5
Mean	37.5	186.5	134.0	3559.5	3559.5
SD	2.1	1.4	3.5	48.1	48.1
%RSD	5.7	0.8	2.6	1.4	1.4

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 5:36:20 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.0833	0.1051 L	-0.0005	3593.500	99.7636
# 2	0.1393	0.1059 L	-0.0069	3525.500	97.8723
Mean	0.1113	0.1055 L	-0.0037	3559.500	98.8180
SD	0.0396	0.0006	0.0046	48.083	1.3373
%RSD	35.6230	0.5282	123.6792	1.351	1.3533

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.090	0.106	0.110

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 5:39:24 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	57.5	-9.0	159.0	3381.5	3381.5
# 2	36.5	-18.0	174.0	3356.5	3356.5
Mean	47.0	-13.5	166.5	3369.0	3369.0

EVOLUTION by Micro-Active Australia Pty Ltd 5:45:50 PM July 7, 2006

010570

SD	14.8	6.4	10.6	17.7	17.7
%RSD	31.6	47.1	6.4	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 5:39:24 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.4584	0.0067	0.0847	3381.500	93.8673
# 2	0.1292	0.0018	0.1301	3356.500	93.1720
Mean	0.2938	0.0043	0.1074	3369.000	93.5197
SD	0.2327	0.0034	0.0321	17.678	0.4917
%RSD	79.2141	80.4830	29.9030	0.525	0.5257

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 5:42:28 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	52.0	2005.5	131.5	3344.0	3344.0
# 2	51.0	1942.5	146.5	3241.0	3241.0
Mean	51.5	1974.0	139.0	3292.5	3292.5
SD	0.7	44.5	10.6	72.8	72.8
%RSD	1.4	2.3	7.6	2.2	2.2

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 5:42:28 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.3803	1.0882	0.0122	3344.000	92.8244
# 2	0.3903	1.0875	0.0675	3241.000	89.9597
Mean	0.3853	1.0878	0.0398	3292.500	91.3920
SD	0.0070	0.0005	0.0392	72.832	2.0256
%RSD	1.8294	0.0442	98.2884	2.212	2.2164

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.800	1.088	1.200

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 5:45:32 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1355.5	9939.0	11357.0	3474.5	3474.5
# 2	1342.5	9945.0	11379.0	3478.5	3478.5
Mean	1349.0	9942.0	11368.0	3476.5	3476.5
SD	9.2	4.2	15.6	2.8	2.8
%RSD	0.7	0.0	0.1	0.1	0.1

APPARENT CONCENTRATIONS

Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 5:45:32 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
EVOLUTION by Micro-Active Australia Pty Ltd			5:52:50 PM July 7, 2006		
# 1	20.4920	5.1470	30.4414	3474.500	96.4539
# 2	20.2673	5.1442	30.4656	3478.500	96.5652
Mean	20.3797	5.1456	30.4535	3476.500	96.5095
SD	0.1589	0.0020	0.0171	2.828	0.0787
%RSD	0.7798	0.0386	0.0561	0.081	0.0815

010571

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.380	22.000
Li670	4.500	5.146	5.500
Na589	27.000	30.453	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 5:49:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	38.0	-13.5	116.0	3522.0	3522.0
# 2	58.0	-1.5	145.0	3336.0	3336.0
Mean	48.0	-7.5	130.5	3429.0	3429.0
SD	14.1	8.5	20.5	131.5	131.5
%RSD	29.5	113.1	15.7	3.8	3.8

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 5:49:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1247	0.0046 L	-0.0480	3522.000	97.7750
# 2	0.4789	0.0107	0.0512	3336.000	92.6019
Mean	0.3018	0.0076	0.0016	3429.000	95.1884
SD	0.2505	0.0043	0.0702	131.522	3.6580
%RSD	82.9975	56.3721	4482.3622	3.836	3.8429

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	0.302	Contaminated
Li670	0.010	0.008	
Na589	0.050	0.002	
Sc361	0.000	95.188	

BACKGROUND CORRECTED INTENSITIES
Identity 1 : pbw-G07H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 5:52:40 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	44.5	-13.5	142.5	3503.5	3503.5
# 2	42.5	-10.5	116.5	3427.5	3427.5
Mean	43.5	-12.0	129.5	3465.5	3465.5
SD	1.4	2.1	18.4	53.7	53.7
%RSD	3.3	17.7	14.2	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : pbw-G07H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 5:52:40 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd				6:02:20 PM July 7, 2006	
	ppm	ppm	ppm		ppm
# 1	0.2273	0.0045	0.0249	3503.500	97.2605
# 2	0.2111	0.0060 L	-0.0381	3427.500	95.1467
Mean	0.2192	0.0053 L	-0.0066	3465.500	96.2036
SD	0.0115	0.0010	0.0445	53.740	1.4946
%RSD	5.2278	19.0810	672.5500	1.551	1.5536

010572

BACKGROUND CORRECTED INTENSITIES
Identity 1 : lcsw-G07H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 5:55:44 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1347.5	-8.0	7646.0	3516.0	3516.0
# 2	1298.5	-18.0	7329.0	3378.0	3378.0
Mean	1323.0	-13.0	7487.5	3447.0	3447.0
SD	34.6	7.1	224.2	97.6	97.6
%RSD	2.6	54.4	3.0	2.8	2.8

APPARENT CONCENTRATIONS
Identity 1 : lcsw-G07H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 5:55:44 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.1226	0.0074	20.1326	3516.000	97.6081
# 2	20.1844	0.0019	20.0854	3378.000	93.7700
Mean	20.1535	0.0046	20.1090	3447.000	95.6891
SD	0.0437	0.0039	0.0333	97.581	2.7140
%RSD	0.2168	83.5724	0.1658	2.831	2.8362

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282118 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 5:58:50 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	55.0	-23.5	2074.5	3502.5	3502.5
# 2	65.0	-12.5	2020.5	3379.5	3379.5
Mean	60.0	-18.0	2047.5	3441.0	3441.0
SD	7.1	7.8	38.2	87.0	87.0
%RSD	11.8	43.2	1.9	2.5	2.5

APPARENT CONCENTRATIONS
Identity 1 : 282118 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 5:58:50 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.3885 L	-0.0006	5.2226	3502.500	97.2327
# 2	0.5781	0.0048	5.2752	3379.500	93.8117
Mean	0.4833	0.0021	5.2489	3441.000	95.5222
SD	0.1340	0.0038	0.0372	86.974	2.4190
%RSD	27.7360	180.2307	0.7081	2.528	2.5324

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 282118d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:01:52 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	57.0	-22.5	2015.0	3454.0	3454.0

EVOLUTION by Micro-Active Australia Pty Ltd 6:08:20 PM July 7, 2006

010573

# 2	48.0	-8.5	2000.0	3459.0	3459.0
Mean	52.5	-15.5	2007.5	3456.5	3456.5
SD	6.4	9.9	10.6	3.5	3.5
%RSD	12.1	63.9	0.5	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : 282118d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:01:54 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.4314 L	-0.0002	5.1387	3454.000	95.8837
# 2	0.2904	0.0071	5.0898	3459.000	96.0228
Mean	0.3609	0.0034	5.1143	3456.500	95.9533
SD	0.0997	0.0052	0.0345	3.536	0.0983
%RSD	27.6203	151.0138	0.6748	0.102	0.1025

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282119 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:04:56 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	164.0	-29.5	845.0	3479.5	3479.5
# 2	150.0	-8.5	810.0	3450.5	3450.5
Mean	157.0	-19.0	827.5	3465.0	3465.0
SD	9.9	14.8	24.7	20.5	20.5
%RSD	6.3	78.2	3.0	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : 282119 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:04:56 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	2.0760 L	-0.0038	1.9299	3479.500	96.5930
# 2	1.8794	0.0070	1.8536	3450.500	95.7864
Mean	1.9777	0.0016	1.8918	3465.000	96.1897
SD	0.1390	0.0076	0.0540	20.506	0.5703
%RSD	7.0283	465.0652	2.8537	0.592	0.5929

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282119d5 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:08:02 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1457.0	-22.0	8233.5	3471.5	3471.5
# 2	1418.0	-9.0	8036.5	3383.5	3383.5
Mean	1437.5	-15.5	8135.0	3427.5	3427.5
SD	27.6	9.2	139.3	62.2	62.2
%RSD	1.9	59.3	1.7	1.8	1.8

APPARENT CONCENTRATIONS
Identity 1 : 282119d5 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:08:02 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	22.0800	0.0001	21.9899	3471.500	96.3705
# 2	22.0472	0.0067	22.0225	3383.500	93.9230

EVOLUTION by Micro-Active Australia Pty Ltd 6:12:30 PM July 7, 2006

010574

Mean	22.0636	0.0034	22.0062	3427.500	95.1467
SD	0.0232	0.0047	0.0231	62.225	1.7306
%RSD	0.1051	137.8217	0.1048	1.815	1.8189

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282120 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:11:10 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	161.5	-17.5	882.5	3497.0	3497.0
# 2	158.5	-30.5	836.5	3351.0	3351.0
Mean	160.0	-24.0	859.5	3424.0	3424.0
SD	2.1	9.2	32.5	103.2	103.2
%RSD	1.3	38.3	3.8	3.0	3.0

APPARENT CONCENTRATIONS
Identity 1 : 282120 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:11:10 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	2.0250	0.0025	2.0195	3497.000	97.0797
# 2	2.0849 L	-0.0049	1.9938	3351.000	93.0191
Mean	2.0550 L	-0.0012	2.0067	3424.000	95.0494
SD	0.0424	0.0052	0.0182	103.238	2.8713
%RSD	2.0634	433.9406	0.9072	3.015	3.0209

EVOLUTION by Micro-Active Australia Pty Ltd 6:20:50 PM July 7, 2006 010575

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282121 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:14:14 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	65.5	-9.5	3035.5	3529.5	3529.5
# 2	41.5	-13.5	2951.5	3485.5	3485.5
Mean	53.5	-11.5	2993.5	3507.5	3507.5
SD	17.0	2.8	59.4	31.1	31.1
%RSD	31.7	24.6	2.0	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : 282121 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:14:14 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.5418	0.0066	7.7455	3529.500	97.9836
# 2	0.1846	0.0045	7.6207	3485.500	96.7598
Mean	0.3632	0.0056	7.6831	3507.500	97.3717
SD	0.2525	0.0015	0.0882	31.113	0.8653
%RSD	69.5269	26.9263	1.1484	0.887	0.8887

Li + Na are Reported. 7/12/06

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282122 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:17:18 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	47.5	-14.0	2955.5	3492.0	3492.0
# 2	42.5	-21.0	2935.5	3462.0	3462.0
Mean	45.0	-17.5	2945.5	3477.0	3477.0
SD	3.5	4.9	14.1	21.2	21.2
%RSD	7.9	28.3	0.5	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : 282122 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:17:18 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2757	0.0043	7.6167	3492.000	96.9406
# 2	0.2045	0.0006	7.6313	3462.000	96.1062
Mean	0.2401	0.0024	7.6240	3477.000	96.5234
SD	0.0504	0.0026	0.0104	21.213	0.5900
%RSD	20.9734	107.8995	0.1361	0.610	0.6112

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282123 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:20:22 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	49.0	-16.0	4260.5	3483.0	3483.0
# 2	43.0	-17.0	4155.5	3407.0	3407.0
Mean	46.0	-16.5	4208.0	3445.0	3445.0

SD	4.2	0.7	74.2	53.7	53.7
%RSD	9.2	4.3	1.8	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : 282123 Identity 2 : Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd 6:27:50 PM July 7, 2006

010576

Weight : 1.0000 Volume : 1.00 Printed : 6:20:22 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.3007	0.0032	11.1677	3483.000	96.6903
# 2	0.2230	0.0025	11.1345	3407.000	94.5766
Mean	0.2619	0.0029	11.1511	3445.000	95.6334
SD	0.0549	0.0005	0.0235	53.740	1.4946
%RSD	20.9827	17.5705	0.2111	1.560	1.5629

Li + Na are reported. JL 7/12/06

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 6:23:26 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1311.5	9699.5	10948.5	3371.0	3371.0
# 2	1280.5	9432.5	10749.5	3297.0	3297.0
Mean	1296.0	9566.0	10849.0	3334.0	3334.0
SD	21.9	188.8	140.7	52.3	52.3
%RSD	1.7	2.0	1.3	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 6:23:26 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	20.4343	5.1771	30.2452	3371.000	93.5753
# 2	20.3983	5.1477	30.3633	3297.000	91.5172
Mean	20.4163	5.1624	30.3043	3334.000	92.5462
SD	0.0254	0.0208	0.0835	52.326	1.4553
%RSD	0.1247	0.4033	0.2757	1.569	1.5725

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.416	22.000
Li670	4.500	5.162	5.500
Na589	27.000	30.304	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 6:27:28 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	44.0	-27.0	153.5	3459.0	3459.0
# 2	33.0	-22.0	134.5	3378.0	3378.0
Mean	38.5	-24.5	144.0	3418.5	3418.5
SD	7.8	3.5	13.4	57.3	57.3
%RSD	20.2	14.4	9.3	1.7	1.7

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 6:27:28 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2283 L	-0.0026	0.0598	3459.000	96.0228
# 2	0.0699 L	-0.0002	0.0168	3378.000	93.7700

EVOLUTION by Micro-Active Australia Pty Ltd 6:37:50 PM July 7, 2006

010577

Mean	0.1491 L	-0.0014	0.0383	3418.500	94.8964
SD	0.1121	0.0016	0.0304	57.276	1.5930
%RSD	75.1433	118.1422	79.3832	1.675	1.6787

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.149
Li670	0.010	-0.001
Na589	0.050	0.038
Sc361	0.000	94.896

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282124 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:31:32 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	48.5	-12.0	3016.0	3534.5	3534.5
# 2	62.5	-28.0	2929.0	3400.5	3400.5
Mean	55.5	-20.0	2972.5	3467.5	3467.5
SD	9.9	11.3	61.5	94.8	94.8
%RSD	17.8	56.6	2.1	2.7	2.7

APPARENT CONCENTRATIONS
Identity 1 : 282124 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:31:32 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2821	0.0054	7.6821	3534.500	98.1227
# 2	0.5322 L	-0.0033	7.7578	3400.500	94.3958
Mean	0.4072	0.0010	7.7199	3467.500	96.2592
SD	0.1768	0.0061	0.0536	94.752	2.6353
%RSD	43.4317	599.5078	0.6940	2.733	2.7377

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282125 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:34:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	37.0	-11.0	2944.0	3514.5	3514.5
# 2	33.0	-7.0	2912.0	3397.5	3397.5
Mean	35.0	-9.0	2928.0	3456.0	3456.0
SD	2.8	2.8	22.6	82.7	82.7
%RSD	8.1	31.4	0.8	2.4	2.4

APPARENT CONCENTRATIONS
Identity 1 : 282125 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:34:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1106	0.0058	7.5348	3514.500	97.5664
# 2	0.0669	0.0078	7.7178	3397.500	94.3123
Mean	0.0887	0.0068	7.6263	3456.000	95.9394

SL 7/12/06

Li + Na are reported

SL 7/12/06

SD	0.0309	0.0014	0.1294	82.731	2.3010
%RSD	34.8565	19.9536	1.6974	2.394	2.3984

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282126 Identity 2 : Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd 6:37:50 PM July 7, 2006

010578

Weight : 1.0000 Volume : 1.00 Printed : 6:37:40 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	53.0	-27.0	3014.0	3551.0	3551.0
# 2	65.0	-25.0	2957.0	3468.0	3468.0
Mean	59.0	-26.0	2985.5	3509.5	3509.5
SD	8.5	1.4	40.3	58.7	58.7
%RSD	14.4	5.4	1.4	1.7	1.7

APPARENT CONCENTRATIONS
Identity 1 : 282126 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:37:40 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.3467 L	-0.0022	7.6394	3551.000	98.5816
# 2	0.5517 L	-0.0015	7.6759	3468.000	96.2731
Mean	0.4492 L	-0.0018	7.6577	3509.500	97.4273
SD	0.1449	0.0005	0.0258	58.690	1.6323
%RSD	32.2632	27.3430	0.3374	1.672	1.6754

EVOLUTION by Micro-Active Australia Pty Ltd 6:47:20 PM July 7, 2006 010579

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282127 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:40:44 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	61.0	-0.5	3010.0	3505.0	3505.0
# 2	51.0	-23.5	2962.0	3429.0	3429.0
Mean	56.0	-12.0	2986.0	3467.0	3467.0
SD	7.1	16.3	33.9	53.7	53.7
%RSD	12.6	135.5	1.1	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : 282127 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:40:44 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.4798	0.0112	7.7336	3505.000	97.3022
# 2	0.3439 L	-0.0008	7.7810	3429.000	95.1884
Mean	0.4119	0.0052	7.7573	3467.000	96.2453
SD	0.0961	0.0085	0.0336	53.740	1.4946
%RSD	23.3269	164.3422	0.4325	1.550	1.5530

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282128 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:43:48 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	64.5	-22.5	3032.0	3471.0	3471.0
# 2	55.5	-26.5	2991.0	3447.0	3447.0
Mean	60.0	-24.5	3011.5	3459.0	3459.0
SD	6.4	2.8	29.0	17.0	17.0
%RSD	10.6	11.5	1.0	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : 282128 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:43:48 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.5431 L	-0.0002	7.8726	3471.000	96.3566
# 2	0.4099 L	-0.0023	7.8178	3447.000	95.6891
Mean	0.4765 L	-0.0013	7.8452	3459.000	96.0228
SD	0.0942	0.0015	0.0387	16.971	0.4720
%RSD	19.7735	121.8287	0.4936	0.491	0.4915

BACKGROUND CORRECTED INTENSITIES 12/7/2006
Identity 1 : 282129 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:46:52 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	53.5	-29.0	2964.5	3545.0	3545.0
# 2	69.5	-17.0	2867.5	3399.0	3399.0
Mean	61.5	-23.0	2916.0	3472.0	3472.0

SD	11.3	8.5	68.6	103.2	103.2
%RSD	18.4	36.9	2.4	3.0	3.0

APPARENT CONCENTRATIONS
Identity 1 : 282129 Identity 2 : Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd 6:56:20 PM July 7, 2006

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Weight : 1.0000 Volume : 1.00 Printed : 6:46:52 PM July 7, 2006

	K_766 ppm		Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.3557	L	-0.0032	7.5213	3545.000	98.4147
# 2	0.6432		0.0025	7.5909	3399.000	94.3541
Mean	0.4994	L	-0.0004	7.5561	3472.000	96.3844
SD	0.2033		0.0040	0.0492	103.238	2.8713
%RSD	40.7112		1093.0255	0.6510	2.973	2.9790

Li + Na are Reported.

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282130 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:49:56 PM July 7, 2006

SL 7/12/06

	K_766	Li670	Na589	Sc	Sc361
# 1	54.5	-26.5	3004.5	3463.0	3463.0
# 2	48.5	-18.5	2931.5	3434.0	3434.0
Mean	51.5	-22.5	2968.0	3448.5	3448.5
SD	4.2	5.7	51.6	20.5	20.5
%RSD	8.2	25.1	1.7	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : 282130 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:49:56 PM July 7, 2006

	K_766 ppm		Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.3904	L	-0.0023	7.8168	3463.000	96.1341
# 2	0.3037		0.0018	7.6855	3434.000	95.3275
Mean	0.3470	L	-0.0002	7.7511	3448.500	95.7308
SD	0.0613		0.0029	0.0928	20.506	0.5703
%RSD	17.6618		1191.0327	1.1975	0.595	0.5958

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282131 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:53:00 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	63.0	-14.5	2985.0	3519.0	3519.0
# 2	71.0	-8.5	2898.0	3403.0	3403.0
Mean	67.0	-11.5	2941.5	3461.0	3461.0
SD	5.7	4.2	61.5	82.0	82.0
%RSD	8.4	36.9	2.1	2.4	2.4

APPARENT CONCENTRATIONS
Identity 1 : 282131 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:53:00 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5066	0.0041	7.6345	3519.000	97.6916
# 2	0.6656	0.0070	7.6660	3403.000	94.4653
Mean	0.5861	0.0055	7.6502	3461.000	96.0784
SD	0.1124	0.0021	0.0223	82.024	2.2813

%RSD	19.1816	37.2998	0.2917	2.370	2.3744

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282132 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:56:04 PM July 7, 2006
EVOLUTION by Micro-Active Australia Pty Ltd 7:02:22 PM July 7, 2006

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	K_766	Li670	Na589	Sc	Sc361
# 1	64.0	-23.5	3121.5	3572.5	3572.5
# 2	76.0	-24.5	2988.5	3389.5	3389.5
Mean	70.0	-24.0	3055.0	3481.0	3481.0
SD	8.5	0.7	94.0	129.4	129.4
%RSD	12.1	2.9	3.1	3.7	3.7

APPARENT CONCENTRATIONS
Identity 1 : 282132 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:56:04 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5072 L	-0.0003	7.8748	3572.500	99.1795
# 2	0.7483 L	-0.0015	7.9496	3389.500	94.0898
Mean	0.6282 L	-0.0009	7.9122	3481.000	96.6347
SD	0.1711	0.0008	0.0529	129.401	3.5990
%RSD	27.2400	88.7926	0.6683	3.717	3.7243

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282133 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:59:08 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	73.0	-18.5	2304.5	3546.0	3546.0
# 2	65.0	-23.5	2262.5	3405.0	3405.0
Mean	69.0	-21.0	2283.5	3475.5	3475.5
SD	5.7	3.5	29.7	99.7	99.7
%RSD	8.2	16.8	1.3	2.9	2.9

APPARENT CONCENTRATIONS
Identity 1 : 282133 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 6:59:08 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.6507	0.0021	5.7653	3546.000	98.4425
# 2	0.5703 L	-0.0009	5.9027	3405.000	94.5209
Mean	0.6105	0.0006	5.8340	3475.500	96.4817
SD	0.0568	0.0021	0.0971	99.702	2.7730
%RSD	9.3095	365.4119	1.6648	2.869	2.8741

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 7:02:12 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1350.5	9870.0	11223.5	3453.0	3453.0
# 2	1309.5	9655.0	10922.5	3375.0	3375.0
Mean	1330.0	9762.5	11073.0	3414.0	3414.0
SD	29.0	152.0	212.8	55.2	55.2
%RSD	2.2	1.6	1.9	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 7:02:12 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd			7:10:20 PM July 7, 2006		
	ppm	ppm	ppm		ppm
# 1	20.5447	5.1431	30.2689	3453.000	95.8559
# 2	20.3778	5.1474	30.1363	3375.000	93.6866
Mean	20.4612	5.1452	30.2026	3414.000	94.7712
SD	0.1180	0.0030	0.0937	55.154	1.5340
%RSD	0.5769	0.0581	0.3103	1.616	1.6186

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Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.461	22.000
Li670	4.500	5.145	5.500
Na589	27.000	30.203	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 7:06:16 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	46.0	-18.5	130.5	3428.5	3428.5
# 2	41.0	-15.5	107.5	3316.5	3316.5
Mean	43.5	-17.0	119.0	3372.5	3372.5
SD	3.5	2.1	16.3	79.2	79.2
%RSD	8.1	12.5	13.7	2.3	2.3

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 7:06:16 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2657	0.0018	0.0003	3428.500	95.1745
# 2	0.2091	0.0031 L	-0.0530	3316.500	92.0595
Mean	0.2374	0.0024 L	-0.0263	3372.500	93.6170
SD	0.0400	0.0009	0.0376	79.196	2.2026
%RSD	16.8618	37.8192	142.8815	2.348	2.3528

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.237
Li670	0.010	0.002
Na589	0.050	-0.026
Sc361	0.000	93.617

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282134 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:10:20 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	58.0	-22.0	2297.5	3478.0	3478.0
# 2	55.0	-11.0	2274.5	3380.0	3380.0
Mean	56.5	-16.5	2286.0	3429.0	3429.0
SD	2.1	7.8	16.3	69.3	69.3
%RSD	3.8	47.1	0.7	2.0	2.0

APPARENT CONCENTRATIONS
Identity 1 : 282134 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:10:20 PM July 7, 2006

EVOLUTION by Micro-Active Australia Pty Ltd 7:19:50 PM July 7, 2006 010583

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.4407	0.0001	5.8661	3478.000	96.5512
# 2	0.4190	0.0056	5.9824	3380.000	93.8256
Mean	0.4299	0.0029	5.9243	3429.000	95.1884
SD	0.0153	0.0039	0.0823	69.296	1.9273
%RSD	3.5684	136.1145	1.3888	2.021	2.0247

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282135 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:13:24 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	53.5	-21.0	3605.0	3522.0	3522.0
# 2	49.5	-22.0	3501.0	3391.0	3391.0
Mean	51.5	-21.5	3553.0	3456.5	3456.5
SD	2.8	0.7	73.5	92.6	92.6
%RSD	5.5	3.3	2.1	2.7	2.7

APPARENT CONCENTRATIONS
Identity 1 : 282135 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:13:24 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.3610	0.0008	9.2864	3522.000	97.7750
# 2	0.3291 L	-0.0002	9.3700	3391.000	94.1316
Mean	0.3450	0.0003	9.3282	3456.500	95.9533
SD	0.0225	0.0007	0.0591	92.631	2.5763
%RSD	6.5224	231.8359	0.6337	2.680	2.6850

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282136 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:16:28 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	65.5	-18.0	2341.0	3472.0	3472.0
# 2	82.5	-20.0	2317.0	3377.0	3377.0
Mean	74.0	-19.0	2329.0	3424.5	3424.5
SD	12.0	1.4	17.0	67.2	67.2
%RSD	16.2	7.4	0.7	2.0	2.0

APPARENT CONCENTRATIONS
Identity 1 : 282136 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:16:28 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5583	0.0022	5.9949	3472.000	96.3844
# 2	0.8571	0.0008	6.1067	3377.000	93.7422
Mean	0.7077	0.0015	6.0508	3424.500	95.0633
SD	0.2113	0.0009	0.0790	67.175	1.8683
%RSD	29.8548	62.7314	1.3061	1.962	1.9653

7/12/06

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282137 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:19:32 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd				7:25:50 PM July 7, 2006	
# 1	78.5	-23.0	2295.5	3429.5	3429.5
# 2	61.5	-22.0	2234.5	3365.5	3365.5
Mean	70.0	-22.5	2265.0	3397.5	3397.5
SD	12.0	0.7	43.1	45.3	45.3
%RSD	17.2	3.1	1.9	1.3	1.3

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APPARENT CONCENTRATIONS
Identity 1 : 282137 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:19:32 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.7743 L	-0.0006	5.9486	3429.500	95.2023
# 2	0.5265 L	-0.0003	5.8978	3365.500	93.4223
Mean	0.6504 L	-0.0004	5.9232	3397.500	94.3123
SD	0.1752	0.0002	0.0360	45.255	1.2587
%RSD	26.9436	50.7344	0.6071	1.332	1.3346

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 7:22:34 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	35.5	176.5	127.5	3402.5	3402.5
# 2	43.5	168.5	111.5	3396.5	3396.5
Mean	39.5	172.5	119.5	3399.5	3399.5
SD	5.7	5.7	11.3	4.2	4.2
%RSD	14.3	3.3	9.5	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 7:22:36 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.1056	0.1046 L	-0.0053	3402.500	94.4514
# 2	0.2330	0.1005 L	-0.0491	3396.500	94.2845
Mean	0.1693	0.1026 L	-0.0272	3399.500	94.3680
SD	0.0901	0.0029	0.0309	4.243	0.1180
%RSD	53.2378	2.8020	113.8662	0.125	0.1250

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.090	0.103	0.110

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 7:25:38 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	35.5	-15.5	186.0	3241.0	3241.0
# 2	38.5	-22.5	155.0	3176.0	3176.0
Mean	37.0	-19.0	170.5	3208.5	3208.5

SD	2.1	4.9	21.9	46.0	46.0
%RSD	5.7	26.1	12.9	1.4	1.4

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
EVOLUTION by Micro-Active Australia Pty Ltd 7:31:56 PM July 7, 2006

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Weight : 1.0000 Volume : 1.00 Printed : 7:25:38 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.1335	0.0029	0.1824	3241.000	89.9597
# 2	0.1962 L	-0.0013	0.1015	3176.000	88.1519
Mean	0.1648	0.0008	0.1419	3208.500	89.0558
SD	0.0444	0.0029	0.0572	45.962	1.2783
%RSD	26.9174	360.1790	40.3085	1.433	1.4354

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 7:28:42 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	43.0	1921.5	185.0	3217.0	3217.0
# 2	52.0	1870.5	164.0	3120.0	3120.0
Mean	47.5	1896.0	174.5	3168.5	3168.5
SD	6.4	36.1	14.8	68.6	68.6
%RSD	13.4	1.9	8.5	2.2	2.2

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 7:28:42 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.2630	1.0838	0.1835	3217.000	89.2922
# 2	0.4402	1.0878	0.1369	3120.000	86.5944
Mean	0.3516	1.0858	0.1602	3168.500	87.9433
SD	0.1253	0.0028	0.0329	68.589	1.9076
%RSD	35.6322	0.2600	20.5584	2.165	2.1692

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.800	1.086	1.200

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 7:31:46 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1350.5	10058.5	11455.0	3511.5	3511.5
# 2	1289.5	9617.5	10965.0	3354.5	3354.5
Mean	1320.0	9838.0	11210.0	3433.0	3433.0
SD	43.1	311.8	346.5	111.0	111.0
%RSD	3.3	3.2	3.1	3.2	3.2

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 7:31:46 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm

# 1	20.1949	5.1540	30.3798	3511.500	97.4830
# 2	20.1850	5.1587	30.4421	3354.500	93.1164
Mean	20.1899	5.1563	30.4110	3433.000	95.2997
SD	0.0070	0.0033	0.0440	111.016	3.0876

EVOLUTION by Micro-Active Australia Pty Ltd 7:40:20 PM July 7, 2006

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%RSD	0.0347	0.0640	0.1447	3.234	3.2399

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.190	22.000
Li670	4.500	5.156	5.500
Na589	27.000	30.411	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 7:35:50 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	39.5	-29.0	123.5	3398.0	3398.0
# 2	26.5	-23.0	114.5	3314.0	3314.0
Mean	33.0	-26.0	119.0	3356.0	3356.0
SD	9.2	4.2	6.4	59.4	59.4
%RSD	27.9	16.3	5.3	1.8	1.8

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 7:35:50 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1695 L	-0.0039 L	-0.0159	3398.000	94.3262
# 2 L	-0.0253 L	-0.0010 L	-0.0328	3314.000	91.9900
Mean	0.0721 L	-0.0024 L	-0.0244	3356.000	93.1581
SD	0.1377	0.0020	0.0120	59.397	1.6520
%RSD	191.0367	83.3767	49.0539	1.770	1.7733

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.072
Li670	0.010	-0.002
Na589	0.050	-0.024
Sc361	0.000	93.158

BACKGROUND CORRECTED INTENSITIES
Identity 1 : pbw-G07H2 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:39:56 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	43.0	-20.0	106.5	3455.0	3455.0
# 2	50.0	-13.0	128.5	3331.0	3331.0
Mean	46.5	-16.5	117.5	3393.0	3393.0
SD	4.9	4.9	15.6	87.7	87.7
%RSD	10.6	30.0	13.2	2.6	2.6

APPARENT CONCENTRATIONS
Identity 1 : pbw-G07H2 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:39:56 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361

	ppm	ppm	ppm		ppm
# 1	0.2136	0.0011 L	-0.0679	3455.000	95.9116
# 2	0.3513	0.0045	0.0051	3331.000	92.4628
Mean	0.2825	0.0028 L	-0.0314	3393.000	94.1872
SD	0.0974	0.0024	0.0517	87.681	2.4386
%RSD	34.4746	86.6181	164.4400	2.584	2.5891

EVOLUTION by Micro-Active Australia Pty Ltd 7:49:20 PM July 7, 2006

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BACKGROUND CORRECTED INTENSITIES
Identity 1 : lcsw-G07H2 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:43:00 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1346.0	-25.0	7606.5	3490.5	3490.5
# 2	1273.0	-21.0	7237.5	3313.5	3313.5
Mean	1309.5	-23.0	7422.0	3402.0	3402.0
SD	51.6	2.8	260.9	125.2	125.2
%RSD	3.9	12.3	3.5	3.7	3.7

APPARENT CONCENTRATIONS
Identity 1 : lcsw-G07H2 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:43:00 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.2499 L	-0.0014	20.1756	3490.500	96.8989
# 2	20.1730	0.0001	20.2232	3313.500	91.9761
Mean	20.2114 L	-0.0007	20.1994	3402.000	94.4375
SD	0.0544	0.0010	0.0336	125.158	3.4810
%RSD	0.2690	159.8938	0.1664	3.679	3.6860

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282138 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:46:04 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	72.5	-30.0	2363.0	3456.5	3456.5
# 2	52.5	-24.0	2282.0	3404.5	3404.5
Mean	62.5	-27.0	2322.5	3430.5	3430.5
SD	14.1	4.2	57.3	36.8	36.8
%RSD	22.6	15.7	2.5	1.1	1.1

APPARENT CONCENTRATIONS
Identity 1 : 282138 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:46:04 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.6715 L	-0.0041	6.0834	3456.500	95.9533
# 2	0.3733 L	-0.0012	5.9576	3404.500	94.5070
Mean	0.5224 L	-0.0027	6.0205	3430.500	95.2301
SD	0.2109	0.0021	0.0890	36.770	1.0227
%RSD	40.3625	77.9178	1.4775	1.072	1.0739

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282138d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:49:08 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	68.5	-30.5	2360.0	3539.0	3539.0

# 2	77.5	-18.5	2305.0	3399.0	3399.0
Mean	73.0	-24.5	2332.5	3469.0	3469.0
SD	6.4	8.5	38.9	99.0	99.0
%RSD	8.7	34.6	1.7	2.9	2.9

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APPARENT CONCENTRATIONS
Identity 1 : 282138d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:49:08 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5846 L	-0.0040	5.9252	3539.000	98.2478
# 2	0.7696	0.0017	6.0315	3399.000	94.3541
Mean	0.6771 L	-0.0012	5.9784	3469.000	96.3009
SD	0.1308	0.0040	0.0752	98.995	2.7533
%RSD	19.3171	348.0303	1.2578	2.854	2.8591

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282139 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:52:12 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	64.0	-19.0	2345.5	3510.0	3510.0
# 2	68.0	-23.0	2315.5	3424.0	3424.0
Mean	66.0	-21.0	2330.5	3467.0	3467.0
SD	2.8	2.8	21.2	60.8	60.8
%RSD	4.3	13.5	0.9	1.8	1.8

APPARENT CONCENTRATIONS
Identity 1 : 282139 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:52:12 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5244	0.0017	5.9382	3510.000	97.4412
# 2	0.6117 L	-0.0006	6.0138	3424.000	95.0494
Mean	0.5680	0.0006	5.9760	3467.000	96.2453
SD	0.0617	0.0017	0.0535	60.811	1.6913
%RSD	10.8694	288.0572	0.8944	1.754	1.7573

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282139s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:55:18 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1377.5	-24.0	9767.5	3523.5	3523.5
# 2	1326.5	-23.0	9461.5	3379.5	3379.5
Mean	1352.0	-23.5	9614.5	3451.5	3451.5
SD	36.1	0.7	216.4	101.8	101.8
%RSD	2.7	3.0	2.3	3.0	3.0

APPARENT CONCENTRATIONS
Identity 1 : 282139s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:55:18 PM July 7, 2006

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	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	20.5360 L	-0.0008	25.7624	3523.500	97.8167
# 2	20.6201 L	-0.0008	26.0222	3379.500	93.8117
Mean	20.5780 L	-0.0008	25.8923	3451.500	95.8142
SD	0.0595	0.0000	0.1837	101.823	2.8320
%RSD	0.2891	0.9471	0.7095	2.950	2.9557

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BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282140 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:58:22 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	75.0	-23.5	2281.5	3437.5	3437.5
# 2	72.0	-21.5	2277.5	3335.5	3335.5
Mean	73.5	-22.5	2279.5	3386.5	3386.5
SD	2.1	1.4	2.8	72.1	72.1
%RSD	2.9	6.3	0.1	2.1	2.1

APPARENT CONCENTRATIONS
Identity 1 : 282140 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 7:58:22 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.7168 L	-0.0008	5.8956	3437.500	95.4248
# 2	0.7044 L	-0.0001	6.0755	3335.500	92.5880
Mean	0.7106 L	-0.0005	5.9855	3386.500	94.0064
SD	0.0088	0.0005	0.1272	72.125	2.0060
%RSD	1.2407	107.9835	2.1258	2.130	2.1339

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282141 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:01:26 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	65.5	-27.0	2351.5	3567.0	3567.0
# 2	60.5	-14.0	2260.5	3434.0	3434.0
Mean	63.0	-20.5	2306.0	3500.5	3500.5
SD	3.5	9.2	64.3	94.0	94.0
%RSD	5.6	44.8	2.8	2.7	2.7

APPARENT CONCENTRATIONS
Identity 1 : 282141 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:01:26 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5313 L	-0.0021	5.8534	3567.000	99.0266
# 2	0.4913	0.0041	5.8443	3434.000	95.3275
Mean	0.5113	0.0010	5.8489	3500.500	97.1770
SD	0.0283	0.0044	0.0064	94.045	2.6156
%RSD	5.5307	439.2627	0.1102	2.687	2.6916

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282142 Identity 2 :   Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:04:30 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	46.0	-12.0	2281.5	3446.0	3446.0
# 2	26.0	-14.0	2259.5	3432.0	3432.0
Mean	36.0	-13.0	2270.5	3439.0	3439.0
SD	14.1	1.4	15.6	9.9	9.9
%RSD	39.3	10.9	0.7	0.3	0.3

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APPARENT CONCENTRATIONS
Identity 1 : 282142 Identity 2 :   Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd   8:10:50 PM July 7, 2006

Weight : 1.0000 Volume : 1.00 Printed : 8:04:30 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2621	0.0052	5.8801	3446.000	95.6612
# 2 L	-0.0479	0.0041	5.8452	3432.000	95.2719
Mean	0.1071	0.0047	5.8627	3439.000	95.4666
SD	0.2192	0.0008	0.0247	9.899	0.2753
%RSD	204.6438	16.2066	0.4216	0.288	0.2884

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282143 Identity 2 :   Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:07:34 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	67.0	-22.5	2251.0	3434.0	3434.0
# 2	74.0	-19.5	2214.0	3352.0	3352.0
Mean	70.5	-21.0	2232.5	3393.0	3393.0
SD	4.9	2.1	26.2	58.0	58.0
%RSD	7.0	10.1	1.2	1.7	1.7

APPARENT CONCENTRATIONS
Identity 1 : 282143 Identity 2 :   Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:07:34 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.5929 L	-0.0003	5.8182	3434.000	95.3275
# 2	0.7307	0.0010	5.8653	3352.000	93.0469
Mean	0.6618	0.0004	5.8418	3393.000	94.1872
SD	0.0974	0.0009	0.0333	57.983	1.6126
%RSD	14.7180	259.0221	0.5700	1.709	1.7122

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 :   Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 8:10:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1307.0	9720.5	11046.0	3411.0	3411.0
# 2	1272.0	9509.5	10788.0	3326.0	3326.0
Mean	1289.5	9615.0	10917.0	3368.5	3368.5
SD	24.7	149.2	182.4	60.1	60.1
%RSD	1.9	1.6	1.7	1.8	1.8

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 :   Type : CV

Weight : 1.0000 Volume : 1.00 Printed : 8:18:38 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	20.1185	5.1276	30.1557	3411.000	94.6878
# 2	20.0793	5.1445	30.2046	3326.000	92.3237
Mean	20.0989	5.1361	30.1801	3368.500	93.5058
SD	0.0277	0.0119	0.0346	60.104	1.6716
%RSD	0.1380	0.2321	0.1146	1.784	1.7877

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Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :
EVOLUTION by Micro-Active Australia Pty Ltd 8:20:52 PM July 7, 2006

Report name	Low limit	Value	High limit
K_766	18.000	20.099	22.000
Li670	4.500	5.136	5.500
Na589	27.000	30.180	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 8:14:40 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	36.5	-22.0	138.5	3361.5	3361.5
# 2	19.5	-21.0	119.5	3297.5	3297.5
Mean	28.0	-21.5	129.0	3329.5	3329.5
SD	12.0	0.7	13.4	45.3	45.3
%RSD	42.9	3.3	10.4	1.4	1.4

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 8:14:40 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.1284 L	-0.0003	0.0298	3361.500	93.3111
# 2 L	-0.1371	0.0000 L	-0.0169	3297.500	91.5311
Mean L	-0.0044 L	-0.0001	0.0065	3329.500	92.4211
SD	0.1877	0.0002	0.0331	45.255	1.2587
%RSD	4284.3651	174.9326	511.2826	1.359	1.3619

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	-0.004
Li670	0.010	-0.000
Na589	0.050	0.006
Sc361	0.000	92.421

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282144 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:18:44 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	46.0	-21.5	2357.5	3529.0	3529.0
# 2	64.0	-28.5	2280.5	3461.0	3461.0
Mean	55.0	-25.0	2319.0	3495.0	3495.0
SD	12.7	4.9	54.4	48.1	48.1
%RSD	23.1	19.8	2.3	1.4	1.4

APPARENT CONCENTRATIONS

Identity 1 : 282145 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:18:44 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.2452	0.0005	5.9363	3529.000	97.9697
# 2	0.5282 L	-0.0033	5.8504	3461.000	96.0784
Mean	0.3917 L	-0.0014	5.8934	3495.000	97.0241
SD	0.2072	0.0027	0.0608	48.083	1.3373
%RSD	52.8883	194.6645	1.0314	1.376	1.3783

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EVOLUTION by Micro-Active Australia Pty Ltd 8:28:20 PM July 7, 2006

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282145 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:21:48 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	59.5	-20.0	2858.5	3496.0	3496.0
# 2	59.5	-13.0	2810.5	3435.0	3435.0
Mean	59.5	-16.5	2834.5	3465.5	3465.5
SD	0.0	4.9	33.9	43.1	43.1
%RSD	0.0	30.0	1.2	1.2	1.2

APPARENT CONCENTRATIONS
Identity 1 : 282145 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:21:50 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.4592	0.0012	7.3461	3496.000	97.0519
# 2	0.4754	0.0047	7.3512	3435.000	95.3553
Mean	0.4673	0.0029	7.3487	3465.500	96.2036
SD	0.0115	0.0025	0.0036	43.134	1.1997
%RSD	2.4556	83.8601	0.0495	1.245	1.2470

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282146 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:24:54 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	60.5	-17.5	2906.0	3472.5	3472.5
# 2	50.5	-15.5	2847.0	3412.5	3412.5
Mean	55.5	-16.5	2876.5	3442.5	3442.5
SD	7.1	1.4	41.7	42.4	42.4
%RSD	12.7	8.6	1.5	1.2	1.2

APPARENT CONCENTRATIONS
Identity 1 : 282146 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:24:54 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.4808	0.0024	7.5271	3472.500	96.3983
# 2	0.4399	0.0033	7.5029	3412.500	94.7295
Mean	0.4104	0.0029	7.5150	3442.500	95.5639
SD	0.0996	0.0006	0.0172	42.426	1.1800
%RSD	24.2769	22.0615	0.2283	1.232	1.2348

Identity 1 : 282147 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:27:58 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	53.0	-21.0	4153.0	3481.5	3481.5
# 2	56.0	-14.0	4065.0	3396.5	3396.5
Mean	54.5	-17.5	4109.0	3439.0	3439.0
SD	2.1	4.9	62.2	60.1	60.1
%RSD	3.9	28.3	1.5	1.7	1.7

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APPARENT CONCENTRATIONS
Identity 1 : 282147 Identity 2 : Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd 8:37:22 PM July 7, 2006

Weight : 1.0000 Volume : 1.00 Printed : 8:27:58 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.3627	0.0006	10.8818	3481.500	96.6486
# 2	0.4306	0.0041	10.9189	3396.500	94.2845
Mean	0.3967	0.0023	10.9003	3439.000	95.4666
SD	0.0480	0.0024	0.0263	60.104	1.6716
%RSD	12.1002	103.2186	0.2411	1.748	1.7510

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282148 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:31:04 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	54.0	-7.5	3107.0	3567.0	3567.0
# 2	58.0	-14.5	3004.0	3388.0	3388.0
Mean	56.0	-11.0	3055.5	3477.5	3477.5
SD	2.8	4.9	72.8	126.6	126.6
%RSD	5.1	45.0	2.4	3.6	3.6

APPARENT CONCENTRATIONS
Identity 1 : 282148 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:31:04 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.3582	0.0077	7.8492	3567.000	99.0266
# 2	0.4645	0.0038	7.9964	3388.000	94.0481
Mean	0.4114	0.0057	7.9228	3477.500	96.5373
SD	0.0752	0.0028	0.1041	126.572	3.5203
%RSD	18.2785	48.1982	1.3135	3.640	3.6466

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282149 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:34:08 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	45.0	-9.0	2914.5	3475.0	3475.0
# 2	45.0	-24.0	2873.5	3451.0	3451.0
Mean	45.0	-16.5	2894.0	3463.0	3463.0
SD	0.0	10.6	29.0	17.0	17.0
%RSD	0.0	64.3	1.0	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : 282149 Identity 2 : Type : SAMPLE

Weight : 1.0000 Volume : 1.00 Printed : 8:34:08 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.2407	0.0068	7.5445	3475.000	96.4678
# 2	0.2455 L	-0.0010	7.4875	3451.000	95.8003
Mean	0.2431	0.0029	7.5160	3463.000	96.1341
SD	0.0034	0.0055	0.0403	16.971	0.4720
%RSD	1.4066	191.3196	0.5361	0.490	0.4910

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BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282150 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:37:12 PM July 7, 2006
EVOLUTION by Micro-Active Australia Pty Ltd 8:43:22 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	52.0	-2.5	2940.5	3498.5	3498.5
# 2	55.0	-23.5	2910.5	3382.5	3382.5
Mean	53.5	-13.0	2925.5	3440.5	3440.5
SD	2.1	14.8	21.2	82.0	82.0
%RSD	4.0	114.2	0.7	2.4	2.4

APPARENT CONCENTRATIONS
Identity 1 : 282150 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:37:12 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.3434	0.0102	7.5614	3498.500	97.1214
# 2	0.4184 L	-0.0010	7.7495	3382.500	93.8951
Mean	0.3809	0.0046	7.6555	3440.500	95.5083
SD	0.0530	0.0079	0.1330	82.024	2.2813
%RSD	13.9207	172.5474	1.7368	2.384	2.3886

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282151 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:40:16 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	48.0	-9.5	2855.5	3501.0	3501.0
# 2	48.0	-9.5	2843.5	3435.0	3435.0
Mean	48.0	-9.5	2849.5	3468.0	3468.0
SD	0.0	0.0	8.5	46.7	46.7
%RSD	0.0	0.0	0.3	1.3	1.3

APPARENT CONCENTRATIONS
Identity 1 : 282151 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:40:16 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.2815	0.0066	7.3270	3501.000	97.1909
# 2	0.2956	0.0065	7.4418	3435.000	95.3553
Mean	0.2886	0.0065	7.3844	3468.000	96.2731
SD	0.0100	0.0001	0.0811	46.669	1.2980
%RSD	3.4658	1.0112	1.0988	1.346	1.3482

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282152 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:43:20 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	47.0	-10.0	2885.0	3383.0	3383.0
# 2	39.0	-14.0	2839.0	3405.0	3405.0
Mean	43.0	-12.0	2862.0	3394.0	3394.0
SD	5.7	2.8	32.5	15.6	15.6
%RSD	13.2	23.6	1.1	0.5	0.5

010595

APPARENT CONCENTRATIONS
Identity 1 : 282152 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:43:20 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd				8:49:52 PM July 7, 2006	
	ppm	ppm	ppm		ppm
# 1	0.2913	0.0062	7.6772	3383.000	93.9091
# 2	0.1603	0.0041	7.4980	3405.000	94.5209
Mean	0.2258	0.0051	7.5876	3394.000	94.2150
SD	0.0926	0.0015	0.1267	15.556	0.4327
%RSD	41.0098	28.6567	1.6701	0.458	0.4592

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282153 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:46:26 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	45.0	-22.0	2953.0	3527.5	3527.5
# 2	57.0	-25.0	2884.0	3462.5	3462.5
Mean	51.0	-23.5	2918.5	3495.0	3495.0
SD	8.5	2.1	48.8	46.0	46.0
%RSD	16.6	9.0	1.7	1.3	1.3

APPARENT CONCENTRATIONS
Identity 1 : 282153 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:46:26 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2303	0.0003	7.5297	3527.500	97.9280
# 2	0.4292 L	-0.0015	7.4900	3462.500	96.1202
Mean	0.3298 L	-0.0006	7.5099	3495.000	97.0241
SD	0.1407	0.0012	0.0281	45.962	1.2783
%RSD	42.6566	202.6806	0.3737	1.315	1.3175

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 8:49:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1353.0	9959.0	11368.0	3490.0	3490.0
# 2	1327.0	9829.0	11175.0	3455.0	3455.0
Mean	1340.0	9894.0	11271.5	3472.5	3472.5
SD	18.4	91.9	136.5	24.7	24.7
%RSD	1.4	0.9	1.2	0.7	0.7

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 8:49:36 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361

	ppm	ppm	ppm		ppm
# 1	20.3605	5.1345	30.3343	3490.000	96.8850
# 2	20.1673	5.1188	30.1189	3455.000	95.9116
Mean	20.2639	5.1267	30.2266	3472.500	96.3983
SD	0.1366	0.0111	0.1523	24.749	0.6883
%RSD	0.6741	0.2159	0.5040	0.713	0.7140

010596

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.264	22.000
Li670	4.500	5.127	5.500

EVOLUTION by Micro-Active Australia Pty Ltd 9:00:24 PM July 7, 2006

Na589	27.000	30.227	33.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 8:53:40 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	47.0	-1.0	124.0	3378.5	3378.5
# 2	49.0	1.0	103.0	3367.5	3367.5
Mean	48.0	0.0	113.5	3373.0	3373.0
SD	1.4	1.4	14.8	7.8	7.8
%RSD	2.9	0.0	13.1	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 8:53:40 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2923	0.0109 L	-0.0125	3378.500	93.7839
# 2	0.3266	0.0120 L	-0.0702	3367.500	93.4780
Mean	0.3095	0.0115 L	-0.0414	3373.000	93.6309
SD	0.0243	0.0008	0.0408	7.778	0.2163
%RSD	7.8438	6.5657	98.5183	0.231	0.2310

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	0.309	Contaminated
Li670	0.010	0.011	Contaminated
Na589	0.050	-0.041	
Sc361	0.000	93.631	

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282154 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:57:44 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	48.5	-30.0	2885.0	3568.5	3568.5
# 2	50.5	-32.0	2783.0	3427.5	3427.5
Mean	49.5	-31.0	2834.0	3498.0	3498.0
SD	1.4	1.4	72.1	99.7	99.7
%RSD	2.9	4.6	2.5	2.9	2.9

APPARENT CONCENTRATIONS
Identity 1 : 282154 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 8:57:44 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2751 L	-0.0036	7.2595	3568.500	99.0683
# 2	0.3364 L	-0.0053	7.2925	3427.500	95.1467
Mean	0.3058 L	-0.0045	7.2760	3498.000	97.1075
SD	0.0434	0.0012	0.0233	99.702	2.7730
%RSD	14.1873	26.4318	0.3204	2.850	2.8556

010597

EVOLUTION by Micro-Active Australia Pty Ltd 9:07:22 PM July 7, 2006

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282155 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 9:00:50 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	70.0	-24.0	3155.5	3563.0	3563.0
# 2	71.0	-26.0	3084.5	3499.0	3499.0
Mean	70.5	-25.0	3120.0	3531.0	3531.0
SD	0.7	1.4	50.2	45.3	45.3
%RSD	1.0	5.7	1.6	1.3	1.3

APPARENT CONCENTRATIONS
Identity 1 : 282155 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 9:00:50 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.6002 L	-0.0006	7.9867	3563.000	98.9153
# 2	0.6349 L	-0.0019	7.9481	3499.000	97.1353
Mean	0.6175 L	-0.0013	7.9674	3531.000	98.0253
SD	0.0245	0.0009	0.0273	45.255	1.2587
%RSD	3.9664	70.3909	0.3422	1.282	1.2840

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282156 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 9:03:54 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	52.0	-17.5	2866.5	3444.0	3444.0
# 2	65.0	-23.5	2784.5	3328.0	3328.0
Mean	58.5	-20.5	2825.5	3386.0	3386.0
SD	9.2	4.2	58.0	82.0	82.0
%RSD	15.7	20.7	2.1	2.4	2.4

APPARENT CONCENTRATIONS
Identity 1 : 282156 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 9:03:54 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.3560	0.0023	7.4843	3444.000	95.6056
# 2	0.5940 L	-0.0012	7.5255	3328.000	92.3794
Mean	0.4750	0.0006	7.5049	3386.000	93.9925
SD	0.1683	0.0025	0.0291	82.024	2.2813
%RSD	35.4256	445.8223	0.3881	2.422	2.4271

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282157 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 9:06:58 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	79.0	-32.5	2078.5	3385.5	3385.5
# 2	72.0	-38.5	1993.5	3280.5	3280.5
Mean	75.5	-35.5	2036.0	3333.0	3333.0
SD	4.9	4.2	60.1	74.2	74.2
%RSD	6.6	12.0	3.0	2.2	2.2

010598

APPARENT CONCENTRATIONS
Identity 1 : 282157 Identity 2 : Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd 9:13:22 PM July 7, 2006

Weight : 1.0000 Volume : 1.00 Printed : 9:06:58 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.7983 L	-0.0058	5.4266	3385.500	93.9786
# 2	0.7238 L	-0.0096	5.3676	3280.500	91.0583
Mean	0.7610 L	-0.0077	5.3971	3333.000	92.5184
SD	0.0527	0.0027	0.0417	74.246	2.0650
%RSD	6.9192	35.2724	0.7728	2.228	2.2320

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 9:10:02 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	47.0	180.5	98.0	3492.0	3492.0
# 2	21.0	173.5	119.0	3357.0	3357.0
Mean	34.0	177.0	108.5	3424.5	3424.5
SD	18.4	4.9	14.8	95.5	95.5
%RSD	54.1	2.8	13.7	2.8	2.8

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 9:10:02 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2680	0.1043 L	-0.0939	3492.000	96.9406
# 2 L	-0.1188	0.1043 L	-0.0244	3357.000	93.1859
Mean	0.0746	0.1043 L	-0.0592	3424.500	95.0633
SD	0.2735	0.0000	0.0492	95.459	2.6550
%RSD	366.4771	0.0079	83.1672	2.788	2.7928

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.090	0.104	0.110

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 9:13:06 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	40.0	-19.5	104.5	3283.5	3283.5
# 2	22.0	-20.5	131.5	3190.5	3190.5
Mean	31.0	-20.0	118.0	3237.0	3237.0

%RSD	41.1	3.5	16.2	2.0	2.0

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 9:13:06 PM July 7, 2006

010599

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.1994	0.0008 L	-0.0585	3283.500	91.1417
# 2 L	-0.0844 L	-0.0001	0.0300	3190.500	88.5551
Mean	0.0575	0.0004 L	-0.0143	3237.000	89.8484
SD	0.2007	0.0006	0.0626	65.761	1.8290

EVOLUTION by Micro-Active Australia Pty Ltd 9:22:28 PM July 7, 2006

%RSD	348.9500	169.2370	438.7233	2.032	2.0356

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 9:16:12 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	58.5	1940.5	132.5	3254.5	3254.5
# 2	39.5	1924.5	178.5	3211.5	3211.5
Mean	49.0	1932.5	155.5	3233.0	3233.0
SD	13.4	11.3	32.5	30.4	30.4
%RSD	27.4	0.6	20.9	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 9:16:12 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5105	1.0819	0.0252	3254.500	90.3351
# 2	0.2057	1.0873	0.1653	3211.500	89.1392
Mean	0.3581	1.0846	0.0953	3233.000	89.7372
SD	0.2155	0.0038	0.0991	30.406	0.8457
%RSD	60.1700	0.3513	103.9649	0.940	0.9424

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.800	1.085	1.200

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 9:19:14 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	1367.5	9987.0	11366.5	3502.0	3502.0
# 2	1324.5	9602.0	10927.5	3355.0	3355.0
Mean	1346.0	9794.5	11147.0	3428.5	3428.5
SD	30.4	272.2	310.4	103.9	103.9
%RSD	2.3	2.8	2.8	3.0	3.0

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 9:19:14 PM July 7, 2006

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm

# 1	20.5115	5.1313	30.2251	3502.000	97.2187
# 2	20.7420	5.1496	30.3322	3355.000	93.1303
Mean	20.6268	5.1405	30.2786	3428.500	95.1745
SD	0.1630	0.0129	0.0757	103.945	2.8910
%RSD	0.7901	0.2518	0.2500	3.032	3.0375

010600

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.627	22.000
Li670	4.500	5.140	5.500
Na589	27.000	30.279	33.000

EVOLUTION by Micro-Active Australia Pty Ltd 9:32:52 PM July 7, 2006

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 9:22:18 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
# 1	35.0	-8.5	117.5	3431.0	3431.0
# 2	37.0	-7.5	126.5	3355.0	3355.0
Mean	36.0	-8.0	122.0	3393.0	3393.0
SD	1.4	0.7	6.4	53.7	53.7
%RSD	3.9	8.8	5.2	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 9:22:18 PM July 7, 2006

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.0931	0.0070 L	-0.0357	3431.000	95.2441
# 2	0.1375	0.0075 L	-0.0031	3355.000	93.1303
Mean	0.1153	0.0072 L	-0.0194	3393.000	94.1872
SD	0.0314	0.0003	0.0230	53.740	1.4946
%RSD	27.2414	4.2463	118.7858	1.584	1.5869

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.115
Li670	0.010	0.007
Na589	0.050	-0.019
Sc361	0.000	94.187

☐ 200.7 TAP No. 01-0406-028 Rev3/Jan06

☑ 6010B TAP No. 01-0406-130 Rev5/Jan06

☐ Other_____

QC STD. ID's	
CCV	06Go5
CRI	
ICSA	
ICSAB	06Go5

ICP CAL.STD. ID's	
Std0	06Go5
Std1	
Std2	010601
Std3	
Std4	
Std5	
Std6	06Go5

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
06072.20.006	D.V.20	060606-10	7-11-06	Liquid	63-216

INSTRUMENT: Trace2 FILENAME: B060711A

7-11-06

File converted to wsl? ☐

Method: DAILY2 Standard: blk
Run Time: 07/11/06 10:10:32

010602

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Avge	-.0001	.0005	-.0001	.0000	-.0000	.0004	-.0000
SDev	.0001	.0000	.0000	.0000	.0000	.0000	.0000
%RSD	73.37	4.945	58.91	75.92	141.4	8.388	8.793
#1	-.0001	.0005	-.0001	.0000	.0000	.0004	-.0000
#2	-.0000	.0006	-.0000	.0000	-.0000	.0005	-.0000

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avge	.0000	-.0000	-.0000	.0000	.0003	-.0000	.0001
SDev	.0000	.0000	.0000	.0001	.0000	.0001	.0003
%RSD	148.8	7.125	33.84	534.0	4.694	306.7	366.6
#1	-.0000	-.0000	-.0000	.0001	.0003	-.0001	-.0001
#2	.0000	-.0000	-.0000	-.0000	.0003	.0000	.0003

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Avge	-.0001	.0000	-.0000	.0000	-.0000	-.0002	-.0084
SDev	.0001	.0001	.0000	.0000	.0000	.0001	.0011
%RSD	69.15	291.1	73.21	86.26	48.97	59.32	12.71
#1	-.0002	-.0000	-.0001	.0000	-.0000	-.0003	-.0091
#2	-.0001	.0001	-.0000	.0000	-.0000	-.0001	-.0076

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Avge	.0000	.0000	-.0000	.0001	-.0001	.0004	-.0010
SDev	.0000	.0000	.0001	.0001	.0003	.0000	.0000
%RSD	121.8	32.27	428.1	92.42	427.4	2.736	4.554
#1	.0000	.0000	-.0001	.0001	-.0003	.0004	-.0010
#2	.0000	.0000	.0000	.0000	.0002	.0004	-.0010

Elem	Sc3613	1960/1	1960/2	Si2881	Sn1899	Sr4215	Th2837
Avge	109.7	-.0002	.0001	.0015	-.0000	-.0000	.0001
SDev	2.3	.0001	.0000	.0001	.0000	.0000	.0000
%RSD	2.060	37.55	13.94	10.45	249.9	141.4	65.74
#1	111.3	-.0002	.0001	.0013	-.0000	-.0000	.0001
#2	108.1	-.0001	.0001	.0016	.0000	.0000	.0000

Elem	Ti3349	Tl1908	U_4090	V_2924	W_2079	Y_3710	Zn2062
Avge	-.0001	-.0002	-.0007	-.0000	.0001	.0000	-.0000
SDev	.0001	.0001	.0003	.0000	.0000	.0000	.0000
%RSD	90.46	24.73	49.44	60.22	11.45	164.8	2.065
#1	-.0000	-.0003	-.0009	-.0000	.0001	.0000	-.0000
#2	-.0001	-.0002	-.0004	-.0000	.0001	-.0000	-.0000

Elem	Zr3496
Avge	.0001
SDev	.0002
%RSD	234.4
#1	.0002
#2	-.0000

7-11-06

7/11/2006

010603

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1097167	10000	--	--	--	--	--
SDev	22658.53	.0000000	--	--	--	--	--
%RSD	2.065185	.0000000	--	--	--	--	--
#1	1113189	10000	--	--	--	--	--
#2	1081145	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std4
Run Time: 07/11/06 10:15:18

010604

Elem	Ag3280	As1890	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.0876	.1152	.3028	.2699	.1673	.2208	.2388
SDev	.0001	.0001	.0003	.0025	.0005	.0019	.0000
%RSD	.1400	.1118	.1083	.9249	.2971	.8618	.0164
#1	.0877	.1151	.3031	.2716	.1670	.2195	.2389
#2	.0875	.1153	.3026	.2681	.1677	.2222	.2388

Elem	Tl1908
Avge	.2061
SDev	.0000
%RSD	.0163
#1	.2061
#2	.2061

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1094875	10000	--	--	--	--	--
SDev	13652.82	.0000000	--	--	--	--	--
%RSD	1.246975	.0000000	--	--	--	--	--
#1	1104529	10000	--	--	--	--	--
#2	1085221	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std1 010605
Run Time: 07/11/06 10:19:48

Elem	Al3082	Ca3179	Fe2714	K_7664	Li6707	Mg2790	Na3302
Avge	.1078	.2199	.0853	.1930	3.031	.0944	.0087
SDev	.0002	.0013	.0004	.0001	.008	.0003	.0000
%RSD	.2130	.5995	.4354	.0675	.2658	.3656	.3082
#1	.1079	.2208	.0855	.1931	3.037	.0946	.0088
#2	.1076	.2190	.0850	.1929	3.026	.0941	.0087

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1089996	10000	--	--	--	--	--
SDev	16229.51	.0000000	--	--	--	--	--
%RSD	1.488952	.0000000	--	--	--	--	--
#1	1101472	10000	--	--	--	--	--
#2	1078520	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std5
Run Time: 07/11/06 10:23:29

010606

Elem	B_2496	Bi2230	Mo2020	P_1782	Si2881	Sn1899	Sr4215
Avge	.1764	.0318	.3024	.0290	.1698	.1441	2.510
SDev	.0011	.0000	.0001	.0000	.0001	.0001	.004
%RSD	.6469	.0031	.0382	.0045	.0496	.0553	.1628
#1	.1756	.0318	.3024	.0290	.1698	.1442	2.508
#2	.1772	.0318	.3025	.0290	.1697	.1440	2.513

Elem	Ti3349
Avge	2.956
SDev	.005
%RSD	.1580
#1	2.960
#2	2.953

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1102714	10000	--	--	--	--	--
SDev	19798.28	.0000000	--	--	--	--	--
%RSD	1.795415	.0000000	--	--	--	--	--
#1	1116713	10000	--	--	--	--	--
#2	1088714	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std2
Run Time: 07/11/06 10:27:09

010607

Elem	Ba4934	Be3130	Cr2677	Cu3247	Ni2316
Avge	.9878	1.424	.4319	.3459	.3271
SDev	.0042	.007	.0020	.0002	.0007
%RSD	.4251	.4848	.4561	.0613	.2089
#1	.9848	1.429	.4333	.3458	.3276
#2	.9907	1.419	.4305	.3461	.3267

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1122282	10000	--	--	--	--	--
SDev	26195.48	.0000000	--	--	--	--	--
%RSD	2.334126	.0000000	--	--	--	--	--
#1	1140805	10000	--	--	--	--	--
#2	1103759	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std3
Run Time: 07/11/06 10:30:50

010608

Elem	Cd2265	Co2286	Mn2576	V_2924	Zn2062
Avge	.9624	.2072	1.009	.2061	.2525
SDev	.0011	.0004	.002	.0003	.0003
%RSD	.1188	.1768	.1592	.1539	.1217
#1	.9616	.2074	1.010	.2063	.2527
#2	.9632	.2069	1.008	.2059	.2523

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1108846	10000	--	--	--	--	--
SDev	31605.55	.0000000	--	--	--	--	--
%RSD	2.850312	.0000000	--	--	--	--	--
#1	1131194	10000	--	--	--	--	--
#2	1086497	10000	--	--	--	--	--

Method: DAILY2 Standard: clp_std6 010609
Run Time: 07/11/06 10:34:33

Elem	La3988	Na5889	Pd3404	S_1820	Th2837	U_4090	W_2079
Avge	.4803	.0459	.2087	.0335	.1028	.0659	.1762
SDev	.0012	.0003	.0006	.0001	.0002	.0003	.0009
%RSD	.2469	.5773	.2899	.2336	.2186	.4087	.5173
#1	.4795	.0457	.2083	.0335	.1029	.0657	.1768
#2	.4812	.0461	.2091	.0336	.1026	.0661	.1755

Elem	Y_3710	Zr3496
Avge	.7543	2.025
SDev	.0003	.006
%RSD	.0466	.3018
#1	.7541	2.021
#2	.7546	2.029

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1090026	10000	--	--	--	--	--
SDev	10960.16	.0000000	--	--	--	--	--
%RSD	1.005495	.0000000	--	--	--	--	--
#1	1097776	10000	--	--	--	--	--
#2	1082276	10000	--	--	--	--	--

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Method: DAILY2 Slope = Conc(SIR)/IR

010610

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	clp_std4	blk	22.8144	.001754	07/11/06 10:34:33
Al3082	308.215	clp_std1	blk	466.336	-.250474	07/11/06 10:34:33
As1890	189.042	clp_std4	blk	86.7519	.005501	07/11/06 10:34:33
B_2496	249.678	clp_std5	blk	56.7049	-.001359	07/11/06 10:34:33
Ba4934	493.409	clp_std2	blk	10.1238	.000112	07/11/06 10:34:33
Be3130	313.042	clp_std2	blk	3.51321	-.001540	07/11/06 10:34:33
Bi2230	223.061	clp_std5	blk	155.967	.002988	07/11/06 10:34:33
Ca3179	317.933	clp_std1	blk	227.428	-.003895	07/11/06 10:34:33
Cd2265	226.502	clp_std3	blk	10.3872	.000364	07/11/06 10:34:33
Co2286	228.616	clp_std3	blk	48.2624	.001819	07/11/06 10:34:33
Cr2677	267.716	clp_std2	blk	23.1558	-.000270	07/11/06 10:34:33
Cu3247	324.753	clp_std2	blk	28.9304	-.008276	07/11/06 10:34:33
Fe2714	271.441	clp_std1	blk	586.517	.022281	07/11/06 10:34:33
K_7664	766.491	clp_std1	blk	259.200	-.019889	07/11/06 10:34:33
La3988	398.853	clp_std6	blk	20.8312	.002262	07/11/06 10:34:33
Li6707	670.784	clp_std1	blk	3.29889	-.000087	07/11/06 10:34:33
Mg2790	279.078	clp_std1	blk	264.676	.012690	07/11/06 10:34:33
Mn2576	257.610	clp_std3	blk	9.91147	-.000094	07/11/06 10:34:33
Mo2020	202.030	clp_std5	blk	33.0657	.000863	07/11/06 10:34:33
Na3302	330.232	clp_std1	blk	5567.56	1.26846	07/11/06 10:34:33
Na5889	588.991	clp_std6	blk	18.5448	.155223	07/11/06 10:34:33
Ni2316	231.604	clp_std2	blk	30.5686	-.000198	07/11/06 10:34:33
P_1782	178.287	clp_std5	blk	344.823	-.013244	07/11/06 10:34:33
2203/1	220.351	clp_std4	blk	33.0184	.000663	07/11/06 10:34:33
2203/2	220.352	clp_std4	blk	37.0613	-.002275	07/11/06 10:34:33
Pd3404	340.458	clp_std6	blk	49.1462	.003754	07/11/06 10:34:33
S_1820	182.040	clp_std6	blk	301.344	-.121364	07/11/06 10:34:33
Sb2068	206.838	clp_std4	blk	59.4019	.059990	07/11/06 10:34:33
Sc3613	361.384	blk	dark	.911353	.000000	07/11/06 10:34:33
1960/1	196.021	clp_std4	blk	45.2490	.008833	07/11/06 10:34:33
1960/2	196.022	clp_std4	blk	41.8909	-.004384	07/11/06 10:34:33
Si2881	288.158	clp_std5	blk	59.1734	-.085927	07/11/06 10:34:33
Pb220	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se196	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sn1899	189.989	clp_std5	blk	69.4400	.000586	07/11/06 10:34:33
Sr4215	421.552	clp_std5	blk	3.98335	.000047	07/11/06 10:34:33
Th2837	283.730	clp_std6	blk	101.764	-.005804	07/11/06 10:34:33
Ti3349	334.941	clp_std5	blk	3.38264	.000261	07/11/06 10:34:33
Tl1908	190.864	clp_std4	blk	48.4699	.011192	07/11/06 10:34:33
U_4090	409.014	clp_std6	blk	149.465	.101178	07/11/06 10:34:33
V_2924	292.402	clp_std3	blk	48.5109	.001290	07/11/06 10:34:33
W_2079	207.914	clp_std6	blk	28.3854	-.002571	07/11/06 10:34:33
Y_3710	371.030	clp_std6	blk	13.2541	-.000148	07/11/06 10:34:33
Zn2062	206.200	clp_std3	blk	39.6259	.000144	07/11/06 10:34:33
Zr3496	349.621	clp_std6	blk	5.39408	-.000372	07/11/06 10:34:33

Method: DAILY2 Sample Name: ICV/CCV Operator: 010611
Run Time: 07/11/06 10:38:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9816	9.950	5.120	4.971	10.18	.9853	5.052
SDev	.0007	.014	.012	.015	.00	.0001	.016
%RSD	.0742	.1439	.2306	.3029	.0417	.0153	.3145
#1	.9811	9.940	5.128	4.960	10.19	.9852	5.040
#2	.9821	9.960	5.111	4.982	10.18	.9854	5.063
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.21	1.005	5.076	1.977	2.032	10.57	18.75
SDev	.03	.001	.003	.004	.004	.00	.03
%RSD	.1273	.0813	.0574	.2099	.1936	.0002	.1795
#1	20.19	1.004	5.078	1.980	2.035	10.57	18.77
#2	20.23	1.005	5.074	1.974	2.030	10.57	18.73
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.982	4.861	19.99	1.014	5.049	27.70	Q41.09
SDev	.001	.020	.01	.001	.002	.25	.14
%RSD	.0284	.4059	.0620	.1012	.0423	.9077	.3483
#1	4.981	4.875	19.98	1.014	5.050	27.52	Q41.19
#2	4.983	4.847	20.00	1.013	5.047	27.87	Q40.99
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.977	5.145	4.964	4.994	1.013	1.015	1.009
SDev	.024	.004	.066	.034	.007	.006	.003
%RSD	.4807	.0724	1.325	.6880	.7194	.5870	.2689
#1	4.994	5.148	4.918	5.018	1.008	1.010	1.011
#2	4.960	5.142	5.011	4.970	1.019	1.019	1.007
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010612

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.39	5.154	5.204	5.061	4.984	5.187	5.101
SDev	2.04	.115	.010	.000	.001	.045	.008
%RSD	2.095	2.230	.1913	.0022	.0199	.8667	.1499
#1	98.84	5.073	5.197	5.061	4.985	5.156	5.106
#2	95.95	5.235	5.211	5.061	4.983	5.219	5.096
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				5.000	5.000	5.000	5.000
Range				10.00	10.00	10.00	10.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.111	.9868	4.796	5.256	1.048	4.966	1.098
SDev	.006	.0059	.003	.012	.072	.007	.005
%RSD	.1107	.6004	.0703	.2341	6.915	.1495	.4840
#1	5.107	.9910	4.798	5.265	.9963	4.971	1.094
#2	5.115	.9827	4.794	5.248	1.099	4.961	Q1.102
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000	5.000	1.000	5.000	1.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.043	1.020	4.771
SDev	.003	.001	.004
%RSD	.0510	.0798	.0802
#1	5.045	1.021	4.774
#2	5.041	1.020	4.768
Errors	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000
Range	10.00	10.00	10.00

010613

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1068556	10000	--	--	--	--	--
SDev	22387.71	.0000000	--	--	--	--	--
%RSD	2.095138	.0000000	--	--	--	--	--
#1	1084386	10000	--	--	--	--	--
#2	1052725	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb Operator: 010614
Run Time: 07/11/06 10:43:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0062	.0011	.0105	-.0001	.0000	.0051
SDev	.0001	.0105	.0016	.0034	.0002	.0001	.0036
%RSD	25.16	170.1	150.7	32.77	191.9	209.8	69.66
#1	.0005	-.0012	.0022	.0129	.0000	-.0000	.0026
#2	.0006	.0136	-.0001	.0081	-.0002	.0001	.0076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0004	.0011	-.0006	-.0005	.0126	.0004
SDev	.0009	.0004	.0005	.0009	.0004	.0193	.0151
%RSD	2124.	115.0	40.72	149.5	80.24	153.8	3380.
#1	-.0007	.0001	.0008	.0000	-.0002	-.0011	-.0102
#2	.0006	.0007	.0015	-.0013	-.0008	.0262	.0111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0017	.0001	.0090	-.0001	.0007	L-.0526	.0026
SDev	.0011	.0000	.0052	.0000	.0002	.2111	.0077
%RSD	63.05	11.46	57.84	32.95	23.57	401.3	291.8
#1	.0009	.0001	.0053	-.0001	.0009	L-.2019	-.0028
#2	.0024	.0002	.0126	-.0001	.0006	H.0967	.0080
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	-.0005	.0020	-.0016	-.0004	-.0065	-.0049
SDev	.0013	.0009	.0026	.0020	.0032	.0052	.0005
%RSD	297.2	208.5	131.8	127.1	772.6	80.69	10.40
#1	.0005	.0002	.0001	-.0002	-.0027	-.0028	-.0053
#2	-.0014	-.0011	.0038	-.0030	.0019	L-.0101	-.0046
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010615

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.27	.0015	-.0025	.0052	-.0004	-.0012	.0014
SDev	1.42	.0016	.0003	.0062	.0005	.0008	.0021
%RSD	1.432	110.9	12.27	118.9	122.7	62.89	153.3
#1	100.3	.0003	-.0028	.0008	-.0001	-.0017	-.0001
#2	98.27	.0026	-.0023	.0096	-.0007	-.0007	.0029
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0042	-.0001	.0039	.0384	-.0004	.0007
SDev	.0000	.0028	.0003	.0018	.0052	.0012	.0015
%RSD	19.36	66.43	194.5	44.34	13.52	348.1	235.3
#1	.0001	-.0022	.0001	.0052	.0347	.0005	.0017
#2	.0001	-.0061	-.0003	.0027	.0421	-.0012	-.0004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0001	-.0002
SDev	.0002	.0000	.0011
%RSD	137.0	29.93	528.4
#1	-.0000	.0001	.0006
#2	-.0003	.0001	-.0010
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010616

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1089194	10000	--	--	--	--	--
SDev	15580.39	.0000000	--	--	--	--	--
%RSD	1.430451	.0000000	--	--	--	--	--
#1	1100211	10000	--	--	--	--	--
#2	1078177	10000	--	--	--	--	--

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Method: DAILY2 Sample Name: cri Operator: 010617
Run Time: 07/11/06 10:48:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0216	.1076	.0213	.1050	.0208	.0101	.0069
SDev	.0020	.0170	.0021	.0001	.0001	.0001	.0060
%RSD	9.087	15.77	10.02	.0666	.2742	1.138	86.95
#1	.0202	.0956	.0228	.1050	.0208	.0100	.0027
#2	.0230	.1196	.0198	.1049	.0207	.0101	.0112
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.0200	.1000	.0200	.1000	.0200	.0100	
Range	50.00	50.00	50.00	50.00	50.00	50.00	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0012	.0104	.1027	.0195	.0495	.1485	.0356
SDev	.0050	.0002	.0016	.0006	.0006	.0643	.0597
%RSD	410.7	2.074	1.572	3.246	1.101	43.30	167.7
#1	-.0048	.0102	.1016	.0200	.0491	.1030	-.0066
#2	.0023	.0105	.1039	.0191	.0499	Q.1940	.0778
Errors	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value		.0100	.1000	.0200	.0500	.1000	
Range		50.00	50.00	50.00	50.00	50.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0025	.0695	.0160	.0304	.0210	.2849	.0052
SDev	.0027	.0003	.0166	.0001	.0005	.8338	.0191
%RSD	108.8	.4878	103.7	.2253	2.429	292.7	369.8
#1	.0006	.0698	.0043	.0303	.0207	-.3048	-.0083
#2	.0044	.0693	.0277	.0304	.0214	.8745	.0187
Errors	NOCHECK	QC Pass	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK
Value		.1000		.0300	.0200		
Range		50.00		50.00	50.00		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0806	.1069	.0107	.0024	.0066	.0041	.1211
SDev	.0013	.0079	.0031	.0025	.0144	.0024	.0018
%RSD	1.545	7.388	28.99	103.3	218.7	58.81	1.522
#1	.0797	.1013	.0085	.0041	-.0036	.0024	.1198
#2	.0815	.1125	.0129	.0006	.0168	.0058	.1224
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	.0800	.1000					.1200
Range	50.00	50.00					50.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010618

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.77	.0117	.0093	.1146	.0052	.0102	.1063
SDev	1.41	.0004	.0001	.0090	.0006	.0002	.0059
%RSD	1.452	3.703	.5226	7.844	11.79	1.747	5.558
#1	97.77	.0120	.0094	.1082	.0056	.0103	.1021
#2	95.78	.0114	.0093	.1209	.0047	.0100	.1105
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				.1000	.0060	.0100	.1000
Range				50.00	50.00	50.00	50.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0210	-.0029	.0190	.0233	.2621	.0996	.0009
SDev	.0001	.0038	.0000	.0002	.0749	.0002	.0018
%RSD	.4289	127.7	.2293	.6684	28.56	.1871	194.1
#1	.0209	-.0003	.0190	.0234	.2092	.0997	-.0003
#2	.0211	-.0056	.0189	.0232	Q.3150	.0995	.0022
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.0200		.0200	.0200	.2000	.1000	
Range	50.00		50.00	50.00	50.00	50.00	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0419	.0895
SDev	.0000	.0004	.0002
%RSD	44.72	.8754	.1864
#1	-.0000	.0416	.0897
#2	-.0000	.0421	.0894
Errors	NOCHECK	QC Pass	QC Pass
Value		.0400	.1000
Range		50.00	50.00

010619

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1061848	10000	--	--	--	--	--
SDev	15405.74	.0000000	--	--	--	--	--
%RSD	1.450841	.0000000	--	--	--	--	--
#1	1072742	10000	--	--	--	--	--
#2	1050955	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsa Operator: 010620
Run Time: 07/11/06 10:52:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	503.4	.0015	-.0133	.0025	.0002	-.0013
SDev	.0009	.8	.0014	.0005	.0000	.0001	.0004
%RSD	189.1	.1534	92.42	3.674	1.259	56.91	28.37
#1	-.0002	503.9	.0005	-.0130	.0025	.0001	-.0011
#2	.0011	502.8	.0025	-.0137	.0025	.0002	-.0016
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		500.0					
Range		20.00					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.2	.0015	.0011	-.0003	.0022	190.4	-.0091
SDev	2.6	.0003	.0005	.0006	.0006	.4	.0280
%RSD	.5687	20.24	40.14	210.9	29.19	.2351	307.9
#1	463.1	.0013	.0008	-.0007	.0018	190.7	-.0289
#2	459.4	.0017	.0015	.0001	.0027	190.1	.0107
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.0					200.0	
Range	20.00					20.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0051	.0007	536.5	.0065	-.0011	.2890	-.0008
SDev	.0014	.0001	1.5	.0001	.0005	.3662	.0109
%RSD	26.66	9.437	.2730	.9840	46.19	126.7	1316.
#1	.0042	.0007	537.5	.0065	-.0015	.0301	-.0085
#2	.0061	.0008	535.5	.0066	-.0007	.5479	.0069
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value			500.0				
Range			20.00				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	-.0166	.0151	-.0057	-.0019	.0230	-.0081
SDev	.0003	.0153	.0027	.0025	.0049	.0109	.0001
%RSD	34.79	92.30	17.52	44.50	262.8	47.26	1.182
#1	.0011	-.0274	.0132	-.0039	-.0053	.0153	-.0082
#2	.0006	-.0058	.0170	-.0075	.0016	.0307	-.0080
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010621

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.66	-.0013	-.0063	.0348	.0012	-.0046	-.0065
SDev	.22	.0073	.0074	.0063	.0008	.0025	.0040
%RSD	.2568	557.4	117.5	18.07	66.51	54.37	61.02
#1	86.82	-.0065	-.0011	.0304	.0018	-.0029	-.0093
#2	86.50	.0038	-.0116	.0393	.0007	-.0064	-.0037
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0169	-.0187	-.0005	.0055	-.0174	.0003	-.0003
SDev	.0001	.0019	.0001	.0063	.0274	.0008	.0038
%RSD	.3682	10.37	17.68	112.9	157.7	241.7	1160.
#1	.0169	-.0174	-.0005	.0011	-.0367	-.0002	-.0030
#2	.0170	-.0201	-.0004	.0100	.0020	.0008	.0023
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.0070	-.0003
SDev	.0001	.0004	.0007
%RSD	44.41	6.160	217.7
#1	-.0003	.0067	-.0009
#2	-.0001	.0073	.0002
Errors	NOCHECK	NOCHECK	NOCHECK
Value			
Range			

010622

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	950789	10000	--	--	--	--	--
SDev	2382.950	.0000000	--	--	--	--	--
%RSD	.2506287	.0000000	--	--	--	--	--
#1	952474	10000	--	--	--	--	--
#2	949104	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsab Operator: 010623
Run Time: 07/11/06 10:57:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.108	498.0	1.050	1.036	.5551	.4938	.0011
SDev	.001	.4	.003	.002	.0002	.0013	.0025
%RSD	.0831	.0745	.2956	.2063	.0324	.2550	232.0
#1	1.108	498.3	1.053	1.034	.5550	.4947	.0029
#2	1.107	497.8	1.048	1.037	.5552	.4929	-.0007
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.000	500.0	1.000	1.000	.5000	.5000	
Range	20.00	20.00	20.00	20.00	20.00	20.00	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	453.1	.9663	.4897	.4936	.5666	188.0	.0025
SDev	.3	.0015	.0010	.0010	.0020	.0	.0294
%RSD	.0696	.1570	.2047	.2095	.3502	.0077	1174.
#1	453.3	.9674	.4890	.4943	.5680	188.0	-.0183
#2	452.8	.9653	.4904	.4928	.5652	188.0	.0233
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	500.0	1.000	.5000	.5000	.5000	200.0	
Range	20.00	20.00	20.00	20.00	20.00	20.00	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0048	1.251	530.7	.5061	1.017	.5277	.0040
SDev	.0018	.003	1.0	.0011	.001	.4408	.0080
%RSD	37.10	.2044	.1922	.2131	.1420	83.53	200.7
#1	.0035	1.253	531.5	.5068	1.018	.2160	-.0017
#2	.0061	1.249	530.0	.5053	1.016	.8394	.0097
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			500.0	.5000	1.000		
Range			20.00	20.00	20.00		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9470	1.013	.9993	.9830	.0010	.0067	1.052
SDev	.0033	.002	.0107	.0068	.0077	.0077	.009
%RSD	.3468	.2170	1.068	.6927	765.0	114.9	.8457
#1	.9493	1.011	.9918	.9878	-.0044	.0013	1.058
#2	.9447	1.014	1.007	.9782	.0064	.0121	1.046
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	1.000						1.000
Range	20.00						20.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010624

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.77	1.017	1.011	1.070	.9885	1.013	1.025
SDev	1.71	.004	.006	.004	.0010	.003	.005
%RSD	1.928	.4372	.6180	.3698	.0997	.2647	.4984
#1	89.98	1.020	1.006	1.067	.9892	1.011	1.021
#2	87.56	1.014	1.015	1.073	.9878	1.015	1.028
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				1.000	1.000	1.000	1.000
Range				20.00	20.00	20.00	20.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.081	-.0037	.9632	1.008	.9620	.5025	.0017
SDev	.001	.0086	.0012	.008	.0413	.0010	.0038
%RSD	.0489	235.8	.1221	.7897	4.294	.2052	230.8
#1	1.080	.0024	.9641	1.002	.9328	.5032	-.0010
#2	1.081	-.0098	.9624	1.013	.9912	.5018	.0044
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.000			1.000	1.000	.5000	
Range	20.00			20.00	20.00	20.00	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	.9464	.8902
SDev	.0001	.0014	.0004
%RSD	11.51	.1508	.0415
#1	-.0004	.9474	.8900
#2	-.0005	.9454	.8905
Errors	NOCHECK	QC Pass	QC Pass
Value		1.000	1.000
Range		20.00	20.00

010625

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	973933	10000	--	--	--	--	--
SDev	18844.40	.0000000	--	--	--	--	--
%RSD	1.934876	.0000000	--	--	--	--	--
#1	987258	10000	--	--	--	--	--
#2	960608	10000	--	--	--	--	--

Analysis Report QC Standard 07/11/06 11:07:05 AM page 1

Method: DAILY2 Sample Name: icv/ccv Operator:
Run Time: 07/11/06 11:02:29
Comment:
Mode: CONC Corr. Factor: 1

010626

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9810	9.899	5.095	4.949	10.19	.9829	5.035
SDev	.0015	.020	.005	.019	.03	.0024	.016
%RSD	.1527	.2049	.0887	.3883	.2947	.2487	.3235
#1	.9820	9.914	5.098	4.935	10.17	.9846	5.023
#2	.9799	9.885	5.092	4.962	10.21	.9812	5.046
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.14	1.001	5.055	1.972	2.032	10.50	18.76
SDev	.09	.003	.017	.011	.000	.00	.01
%RSD	.4298	.2624	.3365	.5634	.0120	.0047	.0631
#1	20.20	1.003	5.067	1.980	2.032	10.50	18.77
#2	20.07	.9991	5.043	1.964	2.032	10.50	18.76
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.979	4.865	19.94	1.014	5.035	27.57	Q41.15
SDev	.008	.026	.07	.003	.007	.14	.22
%RSD	.1587	.5305	.3523	.3334	.1375	.5198	.5294
#1	4.973	4.883	19.99	1.016	5.040	27.47	Q41.30
#2	4.985	4.847	19.89	1.011	5.031	27.68	Q40.99
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.966	4.985	4.998	4.977	1.016	1.004	.9998
SDev	.005	.010	.034	.081	.009	.010	.0133
%RSD	.1008	.2045	.6763	1.636	.8492	.9765	1.334
#1	4.970	4.992	4.974	5.035	1.010	1.010	1.009
#2	4.963	4.977	5.022	4.920	1.022	.9966	.9904
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010627

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	95.73	5.202	5.179	5.055	4.984	5.187	5.093
SDev	1.20	.058	.039	.009	.043	.007	.012
%RSD	1.251	1.112	.7485	.1869	.8628	.1267	.2397
#1	96.58	5.161	5.206	5.062	5.014	5.191	5.102
#2	94.89	5.243	5.152	5.049	4.954	5.182	5.085
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				5.000	5.000	5.000	5.000
Range				10.00	10.00	10.00	10.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.116	.9827	4.795	5.253	1.025	4.962	1.093
SDev	.016	.0107	.006	.019	.037	.013	.003
%RSD	.3114	1.092	.1168	.3667	3.616	.2521	.2711
#1	5.105	.9903	4.799	5.266	.9988	4.971	1.095
#2	5.127	.9751	4.791	5.239	1.051	4.953	1.090
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000	5.000	1.000	5.000	1.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.036	1.015	4.775
SDev	.003	.007	.008
%RSD	.0633	.6755	.1588
#1	5.039	1.020	4.770
#2	5.034	1.010	4.780
Errors	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000
Range	10.00	10.00	10.00

010628

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1050336	10000	--	--	--	--	--
SDev	13075.11	.0000000	--	--	--	--	--
%RSD	1.244851	.0000000	--	--	--	--	--
#1	1059581	10000	--	--	--	--	--
#2	1041090	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb Operator: 010629
Run Time: 07/11/06 11:07:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	.0058	.0012	.0113	.0001	.0000	.0033
SDev	.0004	.0145	.0006	.0018	.0001	.0001	.0075
%RSD	54.06	249.0	52.58	15.58	109.7	198.1	227.0
#1	.0005	-.0044	.0016	.0126	.0001	-.0000	-.0020
#2	.0011	.0161	.0007	.0101	.0000	.0001	.0086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	.0002	.0011	-.0000	.0003	.0091	.0116
SDev	.0040	.0001	.0001	.0016	.0002	.0509	.0458
%RSD	493.2	74.84	10.22	6091.	69.43	556.8	396.2
#1	-.0020	.0003	.0010	.0011	.0004	-.0268	-.0208
#2	.0036	.0001	.0012	-.0011	.0001	.0451	.0440
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	.0002	.0072	.0001	.0009	H.0504	.0062
SDev	.0003	.0001	.0018	.0001	.0010	.4419	.0135
%RSD	22.73	71.97	25.26	87.54	105.2	877.3	215.8
#1	.0012	.0001	.0059	.0001	.0016	L-.2621	-.0033
#2	.0016	.0003	.0085	.0000	.0002	H.3629	.0158
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0072	.0011	-.0013	.0023	L-.0128	-.0014
SDev	.0010	.0008	.0048	.0017	.0103	.0006	.0006
%RSD	218.5	10.68	453.9	133.0	455.0	5.018	41.94
#1	.0012	.0066	-.0024	-.0001	L-.0050	L-.0124	-.0010
#2	-.0003	.0077	.0045	-.0024	H.0096	L-.0133	-.0018
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010630

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.40	-.0014	-.0015	.0056	-.0005	-.0015	.0004
SDev	1.57	.0031	.0028	.0014	.0005	.0008	.0019
%RSD	1.597	222.7	185.5	24.44	108.6	57.77	472.3
#1	99.52	-.0036	.0005	.0046	-.0008	-.0009	-.0009
#2	97.29	.0008	-.0035	.0065	-.0001	-.0021	.0017
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0019	.0001	.0051	.0226	.0000	.0010
SDev	.0000	.0037	.0002	.0018	.0205	.0010	.0001
%RSD	13.76	189.2	379.1	34.84	90.75	4189.	7.607
#1	.0001	.0007	.0002	.0064	.0081	.0007	.0010
#2	.0001	-.0045	-.0001	.0038	.0372	-.0007	.0011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0001	.0003
SDev	.0001	.0000	.0004
%RSD	230.6	30.81	148.4
#1	.0002	.0001	.0006
#2	-.0000	.0001	-.0000
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010631

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1079705	10000	--	--	--	--	--
SDev	17319.87	.0000000	--	--	--	--	--
%RSD	1.604130	.0000000	--	--	--	--	--
#1	1091952	10000	--	--	--	--	--
#2	1067458	10000	--	--	--	--	--

Method: DAILY2 Sample Name: lcsw-F26E1 df5 Operator:
Run Time: 07/11/06 11:12:03
Comment:
Mode: CONC Corr. Factor: 1

010632

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0193	.7579	.7643	.0016	.8206	.0192	.0043
SDev	.0000	.0027	.0018	.0052	.0050	.0000	.0003
%RSD	.1583	.3512	.2339	319.4	.6108	.2298	8.218
#1	.0193	.7560	.7630	.0053	.8170	.0192	.0045
#2	.0193	.7598	.7655	-.0020	.8241	.0192	.0040

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.943	.0196	.1988	.0755	.0962	.4461	2.636
SDev	.029	.0001	.0010	.0042	.0021	.0183	.023
%RSD	.7468	.2536	.5190	5.619	2.196	4.109	.8656
#1	3.964	.0196	.1995	.0785	.0977	.4331	2.620
#2	3.922	.0196	.1981	.0725	.0947	.4591	2.652

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.3078	3.798	.1999	.3925	3.312	4.324
SDev	.0006	.0002	.014	.0009	.0028	.190	.032
%RSD	85.92	.0507	.3647	.4622	.7227	5.726	.7476
#1	.0003	.3077	3.808	.2006	.3946	3.177	4.301
#2	.0011	.3079	3.788	.1993	.3905	3.446	4.347

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1945	.3677	.1932	.1914	.0018	-.0140	.2026
SDev	.0023	.0057	.0017	.0021	.0014	.0006	.0113
%RSD	1.200	1.553	.8884	1.106	80.53	4.529	5.564
#1	.1962	.3636	.1945	.1929	.0008	-.0144	.1947
#2	.1929	.3717	.1920	.1899	.0028	-.0135	.2106

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.66	.7012	.7166	.0071	.1920	.7115	.0019
SDev	.07	.0085	.0024	.0026	.0020	.0044	.0000
%RSD	.0705	1.216	.3327	37.11	1.033	.6239	.2215
#1	97.71	.6952	.7149	.0052	.1934	.7084	.0019
#2	97.61	.7072	.7183	.0090	.1906	.7146	.0019

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4068	-.0093	.3720	.7933	-.0014	.1938	.0018
SDev	.0014	.0092	.0013	.0006	.0145	.0028	.0010
%RSD	.3376	98.07	.3517	.0731	1052.	1.426	55.70
#1	.4058	-.0029	.3729	.7929	-.0116	.1958	.0011
#2	.4078	-.0158	.3711	.7937	.0089	.1919	.0025

010633

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.1931	-.0025
SDev	.0008	.0018	.0043
%RSD	129.9	.9494	175.2
#1	-.0000	.1944	.0006
#2	-.0012	.1918	-.0056

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1071498	10000	--	--	--	--	--
SDev	717.0063	.0000000	--	--	--	--	--
%RSD	.0669162	.0000000	--	--	--	--	--
#1	1072005	10000	--	--	--	--	--
#2	1070991	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 280588s Operator: 010634
Run Time: 07/11/06 11:16:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0501	1.988	2.003	.0883	2.019	.0482	.0084
SDev	.0023	.018	.006	.0017	.005	.0001	.0041
%RSD	4.597	.8851	.2761	1.912	.2540	.1009	48.02
#1	.0485	1.975	1.999	.0895	2.016	.0483	.0056
#2	.0517	2.000	2.007	.0871	2.023	.0482	.0113

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.05	.0485	.4966	.1917	.2502	12.71	21.23
SDev	.35	.0000	.0006	.0005	.0002	.02	.01
%RSD	.4803	.0875	.1189	.2696	.0817	.1289	.0656
#1	72.29	.0486	.4961	.1921	.2503	12.70	21.24
#2	71.80	.0485	.4970	.1913	.2501	12.72	21.22

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0023	.0077	31.67	.5711	.0004	35.87	51.00
SDev	.0029	.0001	.04	.0008	.0001	.09	.06
%RSD	127.1	.6906	.1122	.1388	25.56	.2423	.1218
#1	.0002	.0076	31.69	.5717	.0003	35.81	51.04
#2	.0044	.0077	31.64	.5706	.0004	35.93	50.95

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4831	4.113	.4832	.4857	.0066	53.79	.4941
SDev	.0011	.010	.0028	.0026	.0030	.19	.0006
%RSD	.2284	.2349	.5764	.5301	44.98	.3455	.1228
#1	.4823	4.106	.4812	.4875	.0045	53.66	.4945
#2	.4839	4.120	.4852	.4839	.0088	53.92	.4937

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.11	2.039	2.032	6.504	.4849	2.035	.0027
SDev	2.03	.024	.002	.004	.0008	.009	.0010
%RSD	2.115	1.157	.0840	.0631	.1630	.4425	35.49
#1	97.55	2.023	2.031	6.501	.4854	2.028	.0034
#2	94.67	2.056	2.033	6.507	.4843	2.041	.0020

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5271	-.0242	-.0003	2.040	.0534	.4818	.0015
SDev	.0004	.0094	.0007	.003	.0956	.0003	.0025
%RSD	.0851	38.72	232.1	.1706	179.1	.0735	167.9
#1	.5267	-.0309	.0002	2.043	-.0142	.4820	-.0003
#2	.5274	-.0176	-.0008	2.038	.1210	.4815	.0033

010635

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	1.575	-.0011
SDev	.0003	.006	.0017
%RSD	75.05	.4104	156.0
#1	-.0002	1.580	.0001
#2	-.0007	1.571	-.0022

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1054530	10000	--	--	--	--	--
SDev	22221.54	.0000000	--	--	--	--	--
%RSD	2.107246	.0000000	--	--	--	--	--
#1	1070243	10000	--	--	--	--	--
#2	1038817	10000	--	--	--	--	--

Method: DAILY2 Sample Name: cri Operator: 010636
Run Time: 07/11/06 11:23:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0212	.1045	.0200	.1018	.0208	.0100	.0050
SDev	.0021	.0208	.0002	.0005	.0001	.0001	.0061
%RSD	10.08	19.91	.8418	.5229	.2685	.9314	123.3
#1	.0197	.0898	.0199	.1014	.0208	.0099	.0006
#2	.0227	.1192	.0202	.1022	.0209	.0101	.0093
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	.0300		.0300	.1500	.0300	.0150	
Low	.0100		.0100	.0500	.0100	.0050	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0018	.0105	.1022	.0203	.0498	.1292	.0235
SDev	.0041	.0004	.0008	.0002	.0007	.0442	.0509
%RSD	227.1	4.093	.8025	.8518	1.350	34.19	216.6
#1	-.0047	.0102	.1017	.0202	.0494	.0980	-.0125
#2	.0011	.0108	.1028	.0205	.0503	H.1605	.0595
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High		.0150	.1500	.0300	.0750	.1500	
Low		.0050	.0500	.0100	.0250	.0500	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0020	.0694	.0100	.0305	.0212	.1884	.0033
SDev	.0033	.0002	.0176	.0000	.0002	.5394	.0139
%RSD	168.1	.3496	177.0	.1051	1.063	286.3	420.6
#1	-.0004	.0696	-.0025	.0305	.0214	-.1930	-.0065
#2	.0043	.0692	.0224	.0305	.0211	.5698	.0132
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High		.1500		.0450	.0300		
Low		.0500		.0150	.0100		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0814	.1010	.0075	.0036	.0031	-.0045	.1235
SDev	.0003	.0012	.0069	.0042	.0109	.0046	.0005
%RSD	.3358	1.191	92.84	118.3	347.5	101.0	.3773
#1	.0812	.1002	.0026	.0065	-.0046	-.0078	.1232
#2	.0816	.1019	.0124	.0006	.0108	-.0013	.1239
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	.1200	.1500					.1800
Low	.0400	.0500					.0600

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010637

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.48	.0144	.0099	.1106	.0049	.0114	.1068
SDev	1.87	.0044	.0027	.0110	.0005	.0004	.0023
%RSD	1.922	30.38	27.54	9.924	10.13	3.214	2.176
#1	98.81	.0113	.0119	.1029	.0052	.0117	.1052
#2	96.16	.0175	.0080	.1184	.0045	.0112	.1085
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.1500	.0090	.0150	.1500
Low				.0500	.0030	.0050	.0500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0209	-.0002	.0191	.0246	.2487	.0999	-.0002
SDev	.0001	.0031	.0001	.0004	.1163	.0002	.0049
%RSD	.5749	1662.	.2401	1.516	46.78	.1885	2067.
#1	.0209	.0020	.0190	.0248	.1664	.1000	-.0037
#2	.0210	-.0024	.0191	.0243	.3309	.0998	.0032
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	.0300		.0300	.0300		.1500	
Low	.0100		.0100	.0100		.0500	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0417	.0890
SDev	.0001	.0007	.0011
%RSD	101.7	1.651	1.220
#1	.0000	.0412	.0883
#2	.0001	.0422	.0898
Errors	NOCHECK	LC Pass	NOCHECK
High		.0600	
Low		.0200	

010638

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1069588	10000	--	--	--	--	--
SDev	20462.26	.0000000	--	--	--	--	--
%RSD	1.913097	.0000000	--	--	--	--	--
#1	1084057	10000	--	--	--	--	--
#2	1055119	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsa Operator: 010639
Run Time: 07/11/06 11:28:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	501.0	.0038	-.0130	.0025	.0002	-.0018
SDev	.0002	1.4	.0027	.0021	.0001	.0001	.0005
%RSD	114.9	.2812	70.56	15.77	4.941	33.00	27.36
#1	.0003	500.0	.0019	-.0116	.0026	.0001	-.0014
#2	.0000	501.9	.0056	-.0145	.0024	.0002	-.0021
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		600.0					
Low		400.0					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	459.1	.0016	.0013	-.0009	.0022	190.2	-.0052
SDev	3.4	.0002	.0006	.0020	.0007	1.0	.0067
%RSD	.7385	10.59	42.56	213.0	33.68	.5206	128.4
#1	461.5	.0014	.0009	.0005	.0027	190.9	-.0099
#2	456.7	.0017	.0017	-.0024	.0017	189.5	-.0005
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	600.0					240.0	
Low	400.0					160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0051	.0007	535.8	.0066	-.0014	.5172	.0029
SDev	.0013	.0000	2.0	.0001	.0018	.0101	.0060
%RSD	24.99	1.878	.3674	2.050	124.3	1.950	205.9
#1	.0042	.0007	537.2	.0066	-.0002	.5243	-.0013
#2	.0060	.0007	534.4	.0065	-.0027	.5100	.0072
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			600.0				
Low			400.0				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0017	-.0243	.0177	-.0066	.0009	.0181	.0016
SDev	.0002	.0038	.0014	.0025	.0024	.0018	.0005
%RSD	13.30	15.63	8.168	37.26	272.1	10.17	32.34
#1	.0019	-.0270	.0167	-.0049	-.0008	.0168	.0019
#2	.0015	-.0216	.0187	-.0083	.0026	.0194	.0012
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010640

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.04	.0000	-.0104	.0345	.0015	-.0069	-.0042
SDev	.89	.0016	.0056	.0057	.0011	.0032	.0052
%RSD	1.025	9372.	54.44	16.55	75.81	46.61	126.0
#1	87.67	-.0011	-.0064	.0305	.0023	-.0046	-.0079
#2	86.41	.0012	-.0143	.0385	.0007	-.0092	-.0005
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0169	-.0146	-.0005	.0049	-.0259	.0006	-.0021
SDev	.0001	.0154	.0005	.0034	.0023	.0012	.0057
%RSD	.4809	106.1	89.97	69.33	8.991	194.0	274.1
#1	.0168	-.0036	-.0002	.0073	-.0242	.0015	-.0061
#2	.0170	-.0255	-.0008	.0025	-.0275	-.0002	.0020
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.0073	-.0004
SDev	.0003	.0010	.0011
%RSD	143.3	13.24	300.0
#1	.0000	.0066	.0004
#2	-.0004	.0080	-.0011
Errors	NOCHECK	NOCHECK	NOCHECK
High			
Low			

010641

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	954949	10000	--	--	--	--	--
SDev	9786.357	.0000000	--	--	--	--	--
%RSD	1.024804	.0000000	--	--	--	--	--
#1	961869	10000	--	--	--	--	--
#2	948029	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsab Operator: 010642
Run Time: 07/11/06 11:32:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.106	496.7	1.053	1.032	.5541	.4944	.0093
SDev	.001	.3	.000	.003	.0010	.0010	.0126
%RSD	.1067	.0543	.0108	.3134	.1832	.1945	136.6
#1	1.107	496.9	1.053	1.029	.5548	.4937	.0003
#2	1.105	496.5	1.053	1.034	.5534	.4950	.0182
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	1.200	600.0	1.200	1.200	.6000	.6000	
Low	.8000	400.0	.8000	.8000	.4000	.4000	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	453.0	.9674	.4904	.4938	.5656	187.7	.0286
SDev	2.4	.0032	.0026	.0023	.0013	.5	.0577
%RSD	.5362	.3313	.5312	.4609	.2318	.2780	201.4
#1	451.3	.9652	.4886	.4922	.5665	187.3	-.0121
#2	454.7	.9697	.4922	.4954	.5647	188.0	.0694
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	600.0	1.200	.6000	.6000	.6000	240.0	
Low	400.0	.8000	.4000	.4000	.4000	160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0063	H1.247	529.5	.5072	1.019	.7744	.0099
SDev	.0025	.008	.1	.0003	.001	.5943	.0127
%RSD	39.93	.6625	.0261	.0698	.1147	76.74	129.1
#1	.0045	H1.253	529.4	.5070	1.019	.3542	.0009
#2	.0081	H1.241	529.6	.5075	1.018	1.195	.0189
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High		1.200	600.0	.6000	1.200		
Low		.8000	400.0	.4000	.8000		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9513	1.028	.9983	.9905	.0075	.0160	1.050
SDev	.0057	.010	.0024	.0097	.0129	.0032	.014
%RSD	.6015	.9433	.2371	.9806	171.7	19.70	1.328
#1	.9553	1.021	.9966	.9974	-.0016	.0138	1.060
#2	.9472	1.035	.9999	.9836	.0166	.0182	1.040
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.200	1.200					1.200
Low	.8000	.8000					.8000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010643

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.22	1.003	1.029	1.076	.9931	1.020	1.025
SDev	2.16	.021	.018	.011	.0057	.005	.003
%RSD	2.475	2.136	1.720	1.025	.5723	.4563	.2443
#1	88.75	.9879	1.041	1.068	.9971	1.024	1.023
#2	85.70	1.018	1.016	1.083	.9891	1.017	1.027
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High					1.200	1.200	1.200
Low					.8000	.8000	.8000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.079	-.0146	.9640	1.007	1.019	.5023	-.0030
SDev	.000	.0024	.0005	.005	.081	.0010	.0075
%RSD	.0074	16.58	.0489	.4553	7.930	.1936	248.2
#1	1.079	-.0129	.9636	1.011	.9623	.5016	-.0084
#2	1.079	-.0163	.9643	1.004	1.077	.5030	.0023
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	1.200		1.200	1.200		.6000	
Low	.8000		.8000	.8000		.4000	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.9451	.8893
SDev	.0001	.0044	.0030
%RSD	13.56	.4635	.3339
#1	-.0007	.9420	.8872
#2	-.0006	.9482	.8914
Errors	NOCHECK	LC Pass	NOCHECK
High		1.200	
Low		.8000	

010644

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	957006	10000	--	--	--	--	--
SDev	23616.66	.0000000	--	--	--	--	--
%RSD	2.467766	.0000000	--	--	--	--	--
#1	973705	10000	--	--	--	--	--
#2	940306	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccv2 Operator:
Run Time: 07/11/06 11:37:45 010645
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9791	9.851	5.107	4.966	10.21	.9819	5.031
SDev	.0020	.010	.009	.037	.06	.0050	.015
%RSD	.2039	.1013	.1751	.7539	.5512	.5127	.2947
#1	.9777	9.858	5.101	4.940	10.17	.9854	5.021
#2	.9805	9.844	5.114	4.993	10.25	.9783	5.042
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.95	.9994	5.045	1.969	2.038	10.44	18.82
SDev	.19	.0053	.029	.014	.011	.06	.11
%RSD	.9761	.5249	.5739	.6917	.5639	.5736	.5619
#1	20.09	1.003	5.066	1.979	2.030	10.49	18.75
#2	19.81	.9957	5.025	1.960	2.046	10.40	18.90
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.985	4.857	19.88	1.013	5.039	27.56	H41.07
SDev	.012	.005	.09	.004	.014	.08	.06
%RSD	.2438	.1029	.4638	.3846	.2730	.2766	.1341
#1	4.976	4.854	19.95	1.015	5.049	27.61	H41.04
#2	4.994	4.861	19.81	1.010	5.029	27.51	H41.11
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.967	5.032	4.943	4.980	1.016	1.009	1.009
SDev	.018	.003	.012	.066	.005	.012	.001
%RSD	.3539	.0672	.2512	1.330	.4519	1.197	.0945
#1	4.979	5.034	4.934	5.027	1.013	1.017	1.010
#2	4.954	5.030	4.952	4.933	1.019	1.000	1.008
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010646

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.82	5.176	5.228	5.058	4.968	5.211	5.090
SDev	.87	.073	.010	.005	.040	.018	.027
%RSD	.9002	1.405	.1844	.1010	.8058	.3417	.5328
#1	97.43	5.125	5.235	5.054	4.996	5.198	5.109
#2	96.20	5.228	5.222	5.061	4.940	5.224	5.071
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.112	.9877	4.797	5.255	1.000	4.948	1.093
SDev	.022	.0022	.002	.005	.025	.010	.001
%RSD	.4242	.2261	.0379	.0967	2.505	.2052	.1251
#1	5.097	.9893	4.799	5.259	.9824	4.956	1.093
#2	5.127	.9861	4.796	5.252	1.018	4.941	1.092
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.031	1.011	4.773
SDev	.007	.014	.001
%RSD	.1447	1.340	.0208
#1	5.026	1.021	4.773
#2	5.036	1.001	4.774
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010647

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1062248	10000	--	--	--	--	--
SDev	9628.673	.0000000	--	--	--	--	--
%RSD	.9064426	.0000000	--	--	--	--	--
#1	1069057	10000	--	--	--	--	--
#2	1055440	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb2 Operator: 010648
Run Time: 07/11/06 11:42:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0006	.0012	.0108	.0001	.0001	.0043
SDev	.0008	.0119	.0006	.0021	.0002	.0001	.0037
%RSD	141.3	1921.	45.30	19.41	277.7	133.2	85.72
#1	.0000	-.0078	.0016	.0122	.0002	.0000	.0017
#2	.0011	.0090	.0008	.0093	-.0001	.0001	.0069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0012	.0002	.0022	.0003	.0002	.0192	.0085
SDev	.0019	.0001	.0003	.0008	.0001	.0230	.0287
%RSD	154.7	82.73	15.89	239.1	51.18	119.8	336.8
#1	-.0001	.0003	.0020	.0009	.0003	.0029	-.0118
#2	.0025	.0001	.0024	-.0002	.0002	.0354	.0288
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0013	.0002	.0075	.0001	.0007	H.1281	.0031
SDev	.0010	.0001	.0078	.0000	.0006	.2116	.0087
%RSD	76.03	29.22	104.5	23.43	82.69	165.2	284.1
#1	.0006	.0001	.0020	.0001	.0012	-.0215	-.0031
#2	.0020	.0002	.0130	.0001	.0003	H.2778	.0092
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	-.0041	.0001	.0004	.0013	-.0022	.0004
SDev	.0000	.0044	.0002	.0006	.0048	.0085	.0015
%RSD	4.631	106.4	147.5	124.0	362.3	397.2	383.8
#1	.0005	-.0072	.0002	.0008	-.0021	-.0082	.0015
#2	.0006	-.0010	-.0000	.0001	.0047	.0039	-.0007
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010649

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.17	.0047	.0017	.0039	.0003	.0027	-.0000
SDev	.86	.0003	.0021	.0040	.0004	.0015	.0004
%RSD	.8735	6.933	123.7	103.3	122.7	56.10	1465.
#1	98.78	.0044	.0002	.0011	.0006	.0016	-.0003
#2	97.57	.0049	.0032	.0068	.0000	.0038	.0003
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0018	.0000	.0058	.0113	.0002	.0013
SDev	.0000	.0022	.0002	.0019	.0139	.0006	.0012
%RSD	17.51	123.4	1140.	32.43	123.1	251.1	92.32
#1	.0001	-.0002	.0001	.0072	.0015	.0007	.0004
#2	.0001	-.0034	-.0001	.0045	.0212	-.0002	.0021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0002	.0005
SDev	.0000	.0001	.0004
%RSD	13.14	79.61	92.91
#1	.0001	.0001	.0008
#2	.0000	.0003	.0002
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010650

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1077148	10000	--	--	--	--	--
SDev	9351.487	.0000000	--	--	--	--	--
%RSD	.8681714	.0000000	--	--	--	--	--
#1	1083760	10000	--	--	--	--	--
#2	1070535	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icv/ccv Operator: 010651
Run Time: 07/11/06 12:11:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9803	9.873	5.104	4.944	10.19	.9826	5.021
SDev	.0018	.020	.001	.041	.03	.0018	.008
%RSD	.1823	.1979	.0117	.8324	.3428	.1849	.1523
#1	.9816	9.887	5.104	4.915	10.16	.9839	5.016
#2	.9791	9.859	5.105	4.973	10.21	.9813	5.027
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.96	1.001	5.051	1.972	2.031	10.48	18.77
SDev	.12	.000	.014	.010	.008	.03	.05
%RSD	.6190	.0107	.2819	.4892	.4014	.2620	.2422
#1	20.05	1.001	5.061	1.979	2.025	10.46	18.74
#2	19.87	1.001	5.041	1.965	2.037	10.50	18.80
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.974	4.862	19.87	1.014	5.051	27.63	Q41.12
SDev	.006	.025	.07	.004	.007	.55	.21
%RSD	.1227	.5189	.3622	.3958	.1409	1.987	.5004
#1	4.970	4.880	19.92	1.017	5.056	27.24	Q41.27
#2	4.979	4.845	19.82	1.011	5.046	28.02	Q40.98
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.949	5.014	4.952	4.987	1.015	1.013	1.006
SDev	.012	.078	.008	.034	.012	.003	.005
%RSD	.2327	1.558	.1591	.6832	1.224	.3229	.4601
#1	4.957	4.959	4.947	5.011	1.006	1.011	1.009
#2	4.941	5.070	4.958	4.963	1.024	1.015	1.003
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010652

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.79	5.171	5.206	5.049	4.976	5.195	5.102
SDev	.95	.051	.034	.005	.020	.039	.017
%RSD	.9788	.9905	.6434	.1075	.4037	.7586	.3344
#1	97.46	5.135	5.182	5.045	4.990	5.167	5.114
#2	96.12	5.208	5.230	5.053	4.961	5.222	5.090
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				5.000	5.000	5.000	5.000
Range				10.00	10.00	10.00	10.00

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.098	.9896	4.803	5.256	.9973	4.956	1.093
SDev	.016	.0013	.000	.001	.0292	.011	.000
%RSD	.3155	.1331	.0087	.0261	2.927	.2217	.0052
#1	5.087	.9906	4.803	5.255	.9767	4.964	1.093
#2	5.110	.9887	4.803	5.256	1.018	4.948	1.093
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000	5.000	1.000	5.000	1.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.027	1.014	4.767
SDev	.002	.008	.005
%RSD	.0376	.7480	.1150
#1	5.026	1.020	4.763
#2	5.028	1.009	4.771
Errors	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000
Range	10.00	10.00	10.00

010653

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1062012	10000	--	--	--	--	--
SDev	10488.51	.0000000	--	--	--	--	--
%RSD	.9876084	.0000000	--	--	--	--	--
#1	1069428	10000	--	--	--	--	--
#2	1054595	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb Operator:
Run Time: 07/11/06 12:16:10
Comment:
Mode: CONC Corr. Factor: 1

010654

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0035	.0008	.0105	.0001	.0000	.0024
SDev	.0015	.0135	.0003	.0020	.0000	.0001	.0011
%RSD	563.2	383.6	30.99	18.83	.0686	455.8	44.02
#1	-.0008	-.0060	.0010	.0119	.0001	-.0000	.0017
#2	.0014	.0130	.0006	.0091	.0001	.0001	.0032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0013	.0003	.0007	.0004	.0003	.0000	-.0120
SDev	.0041	.0003	.0014	.0001	.0001	.0519	.0607
%RSD	318.0	99.06	206.3	33.56	39.71	106800.	506.0
#1	-.0042	.0001	-.0003	.0003	.0002	-.0367	-.0549
#2	.0016	.0004	.0017	.0005	.0004	.0368	.0309
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.0001	.0049	.0000	.0008	L-.1435	-.0019
SDev	.0027	.0001	.0131	.0000	.0001	.4998	.0115
%RSD	262.7	211.6	267.5	243.0	13.67	348.3	601.9
#1	-.0009	-.0000	-.0044	-.0000	.0009	L-.4969	-.0100
#2	.0029	.0002	.0142	.0000	.0007	H.2099	.0062
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0004	.0014	.0005	-.0021	-.0071	-.0017
SDev	.0007	.0051	.0034	.0021	.0123	.0011	.0000
%RSD	835.7	1385.	240.4	421.7	588.3	15.46	1.491
#1	-.0004	-.0032	-.0010	.0020	L-.0108	-.0079	-.0017
#2	.0005	.0039	.0038	-.0010	H.0066	-.0063	-.0017
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010655

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.58	.0027	-.0010	.0018	.0008	.0003	.0013
SDev	2.67	.0010	.0054	.0094	.0003	.0040	.0008
%RSD	2.711	36.25	556.9	536.5	33.70	1465.	62.94
#1	100.5	.0035	.0029	-.0049	.0010	.0031	.0007
#2	96.69	.0020	-.0048	.0084	.0006	-.0025	.0019
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0014	.0001	.0064	.0124	.0004	.0009
SDev	.0001	.0022	.0000	.0019	.0674	.0003	.0039
%RSD	140.2	161.2	1.133	29.75	546.0	87.78	419.4
#1	.0000	.0029	.0001	.0050	-.0353	.0001	-.0018
#2	.0001	-.0002	.0001	.0077	.0600	.0006	.0036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0002	.0006
SDev	.0001	.0002	.0003
%RSD	66.05	97.77	56.56
#1	.0002	.0001	.0004
#2	.0001	.0004	.0008
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010656

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1081657	10000	--	--	--	--	--
SDev	29308.16	.0000000	--	--	--	--	--
%RSD	2.709562	.0000000	--	--	--	--	--
#1	1102381	10000	--	--	--	--	--
#2	1060933	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 281572L df5 Operator:
Run Time: 07/11/06 12:20:56
Comment:
Mode: CONC Corr. Factor: 1

010657

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0017	.1384	-.0014	.0138	.0084	.0003	.0054
SDev	.0004	.0079	.0000	.0045	.0008	.0001	.0040
%RSD	24.36	5.710	3.487	32.93	9.372	26.66	73.91
#1	.0014	.1328	-.0013	.0170	.0089	.0002	.0083
#2	.0020	.1440	-.0014	.0106	.0078	.0003	.0026

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.5010	.0008	.0002	.0052	.4271	.3302	.0555
SDev	.0001	.0001	.0005	.0057	.0003	.0248	.0246
%RSD	.0185	17.13	293.3	109.2	.0767	7.523	44.34
#1	.5010	.0007	-.0002	.0093	.4274	.3126	.0381
#2	.5009	.0009	.0005	.0012	.4269	.3477	.0730

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0013	.0022	.0630	.0023	.0021	2.169	2.209
SDev	.0011	.0001	.0055	.0005	.0004	.201	.010
%RSD	85.27	3.167	8.727	21.80	20.56	9.284	.4582
#1	.0005	.0022	.0591	.0027	.0018	2.027	2.202
#2	.0020	.0023	.0669	.0020	.0025	2.312	2.217

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1333	.4078	.0169	.0178	.0027	1.883	.0242
SDev	.0018	.0061	.0020	.0040	.0068	.014	.0253
%RSD	1.363	1.495	11.73	22.65	246.3	.7357	104.8
#1	.1345	.4035	.0155	.0207	-.0020	1.873	.0063
#2	.1320	.4121	.0183	.0150	.0075	1.893	.0421

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.11	-.0094	.0085	.2221	.0175	.0025	.0337
SDev	.92	.0011	.0022	.0045	.0020	.0011	.0012
%RSD	.9276	11.54	26.19	2.020	11.57	44.43	3.462
#1	99.76	-.0102	.0100	.2189	.0190	.0033	.0329
#2	98.46	-.0087	.0069	.2252	.0161	.0017	.0345

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	-.0125	.0065	-.0141	.1206	-.0026	.0089
SDev	.0000	.0174	.0016	.0013	.0220	.0040	.0002
%RSD	2.978	138.6	24.18	9.434	18.27	153.7	2.407
#1	.0011	-.0003	.0076	-.0150	.1050	.0002	.0091
#2	.0011	-.0248	.0054	-.0131	.1362	-.0055	.0088

010658

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0006	.0599	-.0013
SDev	.0009	.0003	.0043
%RSD	157.8	.4646	320.1
#1	.0001	.0601	.0017
#2	-.0013	.0597	-.0044

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1087455	10000	--	--	--	--	--
SDev	9990.005	.0000000	--	--	--	--	--
%RSD	.9186591	.0000000	--	--	--	--	--
#1	1094519	10000	--	--	--	--	--
#2	1080391	10000	--	--	--	--	--

Method: DAILY2 Sample Name: cri Operator:
Run Time: 07/11/06 12:27:32 010659
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0211	.1015	.0226	.1014	.0207	.0100	.0045
SDev	.0009	.0074	.0016	.0007	.0001	.0000	.0011
%RSD	4.258	7.296	6.912	.7147	.3866	.4355	25.32
#1	.0205	.0962	.0215	.1009	.0206	.0100	.0037
#2	.0217	.1067	.0238	.1019	.0207	.0101	.0054
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	.0300		.0300	.1500	.0300	.0150	
Low	.0100		.0100	.0500	.0100	.0050	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0009	.0105	.1019	.0198	.0489	.1430	.0323
SDev	.0023	.0002	.0009	.0002	.0004	.0473	.0304
%RSD	245.9	1.586	.9126	.9417	.7932	33.05	94.11
#1	-.0026	.0104	.1025	.0199	.0487	.1096	.0108
#2	.0007	.0107	.1012	.0197	.0492	H.1765	.0538
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High		.0150	.1500	.0300	.0750	.1500	
Low		.0050	.0500	.0100	.0250	.0500	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0016	.0692	.0105	.0305	.0208	.3020	.0012
SDev	.0004	.0003	.0014	.0000	.0006	.2151	.0095
%RSD	25.65	.3566	13.22	.0609	2.656	71.22	819.8
#1	.0013	.0693	.0096	.0305	.0204	.1499	-.0056
#2	.0019	.0690	.0115	.0305	.0212	.4540	.0079
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High		.1500		.0450	.0300		
Low		.0500		.0150	.0100		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0807	.1015	.0077	.0034	.0061	.0012	.1211
SDev	.0009	.0010	.0016	.0014	.0066	.0006	.0033
%RSD	1.065	1.020	20.70	40.39	108.2	56.30	2.720
#1	.0813	.1007	.0066	.0043	.0014	.0016	.1188
#2	.0801	.1022	.0089	.0024	.0107	.0007	.1235
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	.1200	.1500					.1800
Low	.0400	.0500					.0600

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010660

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.27	.0123	.0103	.1108	.0048	.0110	.1068
SDev	2.03	.0010	.0007	.0045	.0004	.0008	.0013
%RSD	2.107	8.246	6.646	4.025	7.702	7.245	1.182
#1	97.71	.0115	.0098	.1076	.0051	.0104	.1059
#2	94.84	.0130	.0108	.1140	.0046	.0115	.1077
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.1500	.0090	.0150	.1500
Low				.0500	.0030	.0050	.0500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0208	-.0005	.0190	.0190	.2404	.0999	.0008
SDev	.0000	.0009	.0001	.0007	.0027	.0008	.0004
%RSD	.0479	166.1	.6756	3.616	1.122	.8490	52.37
#1	.0208	.0001	.0191	.0195	.2423	.1005	.0005
#2	.0208	-.0012	.0189	.0185	.2385	.0993	.0010
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	.0300		.0300	.0300		.1500	
Low	.0100		.0100	.0100		.0500	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0415	.0890
SDev	.0000	.0001	.0005
%RSD	36.94	.3705	.5315
#1	-.0000	.0414	.0887
#2	-.0000	.0416	.0893
Errors	NOCHECK	LC Pass	NOCHECK
High		.0600	
Low		.0200	

010661

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1056292	10000	--	--	--	--	--
SDev	22238.51	.0000000	--	--	--	--	--
%RSD	2.105337	.0000000	--	--	--	--	--
#1	1072017	10000	--	--	--	--	--
#2	1040567	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsa Operator:
Run Time: 07/11/06 12:32:18 010662
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	500.3	.0045	-.0155	.0025	.0002	-.0044
SDev	.0018	1.4	.0015	.0015	.0000	.0001	.0077
%RSD	26090.	.2731	33.07	9.655	1.571	50.11	174.3
#1	-.0013	499.3	.0034	-.0145	.0025	.0001	-.0098
#2	.0013	501.2	.0055	-.0166	.0026	.0003	.0010
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		600.0					
Low		400.0					

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	454.0	.0019	.0014	-.0007	.0017	189.0	-.0069
SDev	.5	.0005	.0013	.0005	.0004	.2	.0464
%RSD	.1084	24.23	87.88	80.45	23.33	.0832	674.5
#1	454.3	.0016	.0005	-.0003	.0014	189.1	-.0397
#2	453.6	.0023	.0023	-.0010	.0020	188.9	.0259
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	600.0					240.0	
Low	400.0					160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0048	.0006	532.5	.0067	-.0009	.4162	.0053
SDev	.0029	.0001	.7	.0000	.0010	.3914	.0128
%RSD	60.44	23.45	.1280	.6436	115.8	94.05	241.3
#1	.0028	.0005	533.0	.0068	-.0002	.1394	-.0037
#2	.0069	.0007	532.0	.0067	-.0016	.6930	.0143
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			600.0				
Low			400.0				

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0021	-.0136	.0135	-.0025	-.0009	.0246	-.0009
SDev	.0014	.0065	.0119	.0024	.0101	.0008	.0075
%RSD	66.78	47.52	88.57	98.79	1085.	3.047	833.8
#1	.0031	-.0182	.0050	-.0007	-.0081	.0251	.0044
#2	.0011	-.0090	.0219	-.0042	.0062	.0240	-.0062
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010663

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.22	.0037	-.0084	.0309	.0029	-.0043	-.0071
SDev	1.57	.0005	.0023	.0092	.0024	.0014	.0037
%RSD	1.800	13.30	27.85	29.71	82.26	31.98	52.76
#1	88.33	.0033	-.0067	.0244	.0012	-.0034	-.0097
#2	86.11	.0040	-.0100	.0373	.0045	-.0053	-.0044
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0168	-.0162	-.0005	-.0010	-.0338	.0005	-.0016
SDev	.0001	.0051	.0000	.0009	.0802	.0001	.0002
%RSD	.8749	31.16	4.219	87.54	237.0	10.11	11.19
#1	.0167	-.0127	-.0006	-.0004	-.0905	.0005	-.0015
#2	.0170	-.0198	-.0005	-.0016	.0229	.0006	-.0017
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0003	.0069	-.0003
SDev	.0001	.0000	.0008
%RSD	19.20	.5920	246.3
#1	-.0002	.0069	-.0009
#2	-.0003	.0069	.0002
Errors	NOCHECK	NOCHECK	NOCHECK
High			
Low			

010664

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	956977	10000	--	--	--	--	--
SDev	17227.95	.0000000	--	--	--	--	--
%RSD	1.800247	.0000000	--	--	--	--	--
#1	969159	10000	--	--	--	--	--
#2	944795	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsab Operator: 010665
Run Time: 07/11/06 12:37:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.103	496.1	1.048	1.028	.5523	.4959	.0053
SDev	.001	.5	.001	.006	.0020	.0029	.0034
%RSD	.0681	.1005	.0749	.5706	.3688	.5951	63.40
#1	1.104	495.8	1.048	1.024	.5509	.4980	.0076
#2	1.103	496.5	1.047	1.032	.5537	.4938	.0029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	1.200	600.0	1.200	1.200	.6000	.6000	
Low	.8000	400.0	.8000	.8000	.4000	.4000	

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	453.5	.9693	.4916	.4961	.5613	188.2	.0150
SDev	4.1	.0057	.0031	.0034	.0047	1.3	.0194
%RSD	.8931	.5865	.6262	.6764	.8371	.6878	129.7
#1	456.4	.9733	.4938	.4985	.5579	189.1	.0287
#2	450.7	.9653	.4894	.4937	.5646	187.2	.0012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	600.0	1.200	.6000	.6000	.6000	240.0	
Low	400.0	.8000	.4000	.4000	.4000	160.0	

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0055	H1.241	530.1	.5084	1.023	.6737	.0001
SDev	.0001	.007	4.6	.0031	.004	.0162	.0026
%RSD	1.073	.5587	.8651	.6123	.4099	2.396	2078.
#1	.0055	H1.236	533.3	.5106	1.026	.6623	-.0017
#2	.0055	H1.246	526.8	.5062	1.020	.6851	.0020
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High		1.200	600.0	.6000	1.200		
Low		.8000	400.0	.4000	.8000		

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9467	1.008	1.007	.9879	.0033	.0127	1.042
SDev	.0098	.002	.003	.0117	.0003	.0058	.011
%RSD	1.031	.2185	.2751	1.183	8.130	45.62	1.062
#1	.9536	1.009	1.009	.9962	.0031	.0168	1.050
#2	.9398	1.006	1.005	.9796	.0035	.0086	1.035
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.200	1.200					1.200
Low	.8000	.8000					.8000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010666

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.40	1.014	1.021	1.073	.9943	1.019	1.028
SDev	.32	.017	.004	.002	.0087	.003	.003
%RSD	.3745	1.657	.4308	.2164	.8762	.2622	.2718
#1	86.62	1.003	1.024	1.075	1.000	1.017	1.030
#2	86.17	1.026	1.018	1.071	.9881	1.021	1.026
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High					1.200	1.200	1.200
Low					.8000	.8000	.8000

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.076	-.0075	.9647	1.008	.9895	.5029	-.0042
SDev	.004	.0016	.0015	.003	.0110	.0029	.0072
%RSD	.4100	21.20	.1597	.3200	1.114	.5720	171.4
#1	1.073	-.0086	.9658	1.005	.9973	.5050	-.0092
#2	1.080	-.0064	.9636	1.010	.9817	.5009	.0009
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	1.200		1.200	1.200		.6000	
Low	.8000		.8000	.8000		.4000	

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0005	.9504	.8910
SDev	.0000	.0123	.0028
%RSD	7.280	1.293	.3163
#1	-.0006	.9591	.8890
#2	-.0005	.9417	.8930
Errors	NOCHECK	LC Pass	NOCHECK
High		1.200	
Low		.8000	

010667

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	947900	10000	--	--	--	--	--
SDev	3564.525	.0000000	--	--	--	--	--
%RSD	.3760442	.0000000	--	--	--	--	--
#1	950421	10000	--	--	--	--	--
#2	945380	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccv4 Operator: 010668
Run Time: 07/11/06 12:41:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9793	9.849	5.100	4.944	10.18	.9839	5.028
SDev	.0004	.025	.009	.025	.02	.0004	.031
%RSD	.0363	.2530	.1848	.5156	.1874	.0426	.6104
#1	.9791	9.831	5.094	4.926	10.17	.9842	5.006
#2	.9796	9.867	5.107	4.962	10.19	.9836	5.050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.00	1.001	5.049	1.973	2.030	10.51	18.77
SDev	.00	.000	.007	.004	.005	.05	.05
%RSD	.0132	.0003	.1419	.1969	.2640	.4350	.2487
#1	20.00	1.001	5.054	1.976	2.026	10.48	18.74
#2	20.00	1.001	5.044	1.971	2.034	10.55	18.80
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.976	4.846	19.89	1.014	5.049	27.76	H40.94
SDev	.001	.010	.02	.002	.017	.33	.05
%RSD	.0192	.2087	.0992	.1802	.3278	1.177	.1335
#1	4.975	4.853	19.87	1.016	5.060	27.53	H40.90
#2	4.976	4.838	19.90	1.013	5.037	27.99	H40.98
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.939	4.997	4.969	4.958	1.017	1.018	1.006
SDev	.007	.022	.009	.011	.007	.005	.001
%RSD	.1333	.4371	.1881	.2132	.7182	.4897	.1473
#1	4.934	4.981	4.962	4.966	1.012	1.015	1.007
#2	4.943	5.012	4.975	4.951	1.022	1.022	1.005
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010669

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	95.29	5.193	5.192	5.051	4.962	5.193	5.099
SDev	1.86	.044	.012	.005	.004	.023	.011
%RSD	1.955	.8496	.2314	.1029	.0793	.4375	.2112
#1	96.60	5.162	5.184	5.047	4.965	5.176	5.107
#2	93.97	5.224	5.201	5.054	4.959	5.209	5.091
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.097	.9887	4.797	5.249	1.060	4.951	1.091
SDev	.017	.0039	.001	.009	.034	.009	.002
%RSD	.3254	.3972	.0149	.1710	3.245	.1844	.2066
#1	5.085	.9915	4.798	5.243	1.036	4.957	1.090
#2	5.109	.9859	4.797	5.255	1.085	4.944	1.093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	5.026	1.018	4.774
SDev	.000	.003	.007
%RSD	.0059	.2778	.1505
#1	5.025	1.020	4.769
#2	5.026	1.016	4.779
Errors	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500
Low	4.500	.9000	4.500

010670

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1045442	10000	--	--	--	--	--
SDev	20368.92	.0000000	--	--	--	--	--
%RSD	1.948355	.0000000	--	--	--	--	--
#1	1059845	10000	--	--	--	--	--
#2	1031039	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ccb4 Operator: 010671
Run Time: 07/11/06 12:46:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.0035	.0011	.0115	.0002	.0000	-.0000
SDev	.0010	.0133	.0002	.0025	.0000	.0001	.0036
%RSD	96.66	379.1	21.75	22.12	21.73	179.2	7268.
#1	.0003	-.0059	.0013	.0133	.0001	-.0000	-.0026
#2	.0017	.0129	.0009	.0097	.0002	.0001	.0025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0012	.0004	.0010	.0007	.0005	.0198	.0104
SDev	.0024	.0003	.0009	.0003	.0003	.0267	.0285
%RSD	198.5	83.53	88.06	48.51	54.11	135.1	275.5
#1	-.0005	.0002	.0004	.0004	.0003	.0009	-.0098
#2	.0029	.0006	.0017	.0009	.0007	.0387	.0305
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0019	.0002	.0092	.0001	.0017	H.1156	.0042
SDev	.0013	.0001	.0064	.0000	.0008	.4892	.0138
%RSD	68.25	52.86	69.96	39.47	45.26	423.4	329.3
#1	.0010	.0001	.0046	.0001	.0023	L-.2304	-.0056
#2	.0028	.0002	.0137	.0001	.0012	H.4615	.0140
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0046	-.0045	.0017	.0016	-.0047	.0006
SDev	.0004	.0014	.0022	.0020	.0072	.0064	.0021
%RSD	341.1	29.61	48.53	120.7	445.2	136.9	380.3
#1	.0004	-.0056	-.0029	.0002	-.0035	-.0001	.0021
#2	-.0002	-.0037	-.0060	.0031	H.0067	-.0092	-.0009
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0100	.0100
Low	-.0050	-.0100			-.0050	-.0100	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010672

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.24	.0010	.0005	.0057	-.0004	.0006	.0008
SDev	.47	.0024	.0001	.0056	.0006	.0007	.0011
%RSD	.4830	241.9	20.88	98.14	168.4	113.3	130.0
#1	98.58	-.0007	.0005	.0018	-.0008	.0001	.0001
#2	97.90	.0027	.0004	.0097	.0001	.0012	.0016
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0017	.0002	.0027	.0439	.0007	.0025
SDev	.0000	.0001	.0001	.0040	.0408	.0001	.0028
%RSD	49.53	5.174	38.72	146.2	92.86	12.80	111.8
#1	.0001	.0018	.0001	-.0001	.0151	.0008	.0005
#2	.0001	.0017	.0002	.0055	.0728	.0007	.0045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0001	.0012
SDev	.0000	.0001	.0003
%RSD	8.633	96.73	27.08
#1	.0001	.0000	.0010
#2	.0001	.0002	.0014
Errors	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0050
Low	-.0050	-.0050	-.0050

010673

IntStd	1	2	3	4	5	6	
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1077876	10000	--	--	--	--	--
SDev	5121.574	.0000000	--	--	--	--	--
%RSD	.4751541	.0000000	--	--	--	--	--
#1	1081498	10000	--	--	--	--	--
#2	1074255	10000	--	--	--	--	--

☐ 200.7 TAP No. 01-0406-028 Rev3/Jan06

☑ 6010B TAP No. 01-0406-130 Rev5/Jan06

☐ Other_____

QC STD. ID's	
CCV	06G05
CRI	
ICSA	
ICSAB	06G05

ICP CAL.STD. ID's	010674
Std0	06G05
Std1	06G05
Std2	
Std3	
Std4	
Std5	
Std6	

K

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
06002.01.242	DV.20	060605	7.12.06	WATER	63-217
06002.20.242	DV.20	06060-10	7.12.06	WATER	63-217

INSTRUMENT: Spectro FILENAME: 060712 7-12-06

DL 7-12-06

File converted to wsl? ☐

EVOLUTION by Micro-Active Australia Pty Ltd 9:36:26 AM July 12, 2006

010675

Keep last result visible enabled ...
Starting run ...
Creating high priority queue entries ...
BACKGROUND CORRECTED INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 9:35:56 AM July 12, 2006

	K_766	Sc361
# 1	39.5	3594.0
# 2	17.5	3538.0
Mean	28.5	3566.0
SD	15.6	39.6
%RSD	54.6	1.1

INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 9:35:56 AM July 12, 2006

	K_766	Sc361
# 1	0.0	3594.0
# 2	0.0	3538.0
Mean	0.0	3566.0
SD	0.0	39.6
%RSD	53.6	1.1

7/12/06

7-12-06

EVOLUTION by Micro-Active Australia Pty Ltd 9:43:56 AM July 12, 2006 010676

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 9:38:30 AM July 12, 2006

	K_766
# 1	3568.5
# 2	3536.5
Mean	3552.5
SD	22.6
%RSD	0.6

INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 9:38:30 AM July 12, 2006

	K_766
# 1	0.9
# 2	0.9
Mean	0.9
SD	0.0
%RSD	0.2

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 9:41:04 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1423.5	3693.0	3693.0
# 2	1399.5	3639.0	3639.0
Mean	1411.5	3666.0	3666.0
SD	17.0	38.2	38.2
%RSD	1.2	1.0	1.0

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 9:41:04 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	20.2758	3693.000 H	103.5674
# 2	20.2288	3639.000 H	102.0506
Mean	20.2523	3666.000 H	102.8090
SD	0.0332	38.184	1.0726
%RSD	0.1642	1.042	1.0433

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.252	22.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 9:43:40 AM July 12, 2006

	K_766	Sc	Sc361

# 1	15.5	3710.0	3710.0
# 2	24.5	3696.0	3696.0
Mean	22.0	3703.0	3703.0
SD	3.5	9.9	9.9

%RSD	16.1	0.3	0.3

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 9:43:40 AM July 12, 2006

		K_766 ppm	Sc	Sc361 ppm
# 1	L	-0.1470	3710.000 H	104.0449
# 2	L	-0.0732	3696.000 H	103.6517
Mean	L	-0.1101	3703.000 H	103.8483
SD		0.0521	9.899	0.2781
%RSD		47.3558	0.267	0.2678

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	-0.110
Sc361	0.000	103.848

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 9:46:16 AM July 12, 2006

	K_766	Sc	Sc361
# 1	42.0	3725.0	3725.0
# 2	28.0	3692.0	3692.0
Mean	35.0	3708.5	3708.5
SD	9.9	23.3	23.3
%RSD	28.3	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 9:46:16 AM July 12, 2006

		K_766 ppm	Sc	Sc361 ppm
# 1		0.1763	3725.000 H	104.4663
# 2	L	-0.0219	3692.000 H	103.5393
Mean		0.0772	3708.500 H	104.0028
SD		0.1402	23.335	0.6555
%RSD		181.5807	0.629	0.6302

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit	
K_766	0.900	0.077	1.100	Failed

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 9:48:50 AM July 12, 2006

	K_766	Sc	Sc361
# 1	40.5	3530.5	3530.5
# 2	40.5	3493.5	3493.5

Mean	40.5	3512.0	3512.0
SD	0.0	26.2	26.2
%RSD	0.0	0.7	0.7

APPARENT CONCENTRATIONS
EVOLUTION by Micro-Active Australia Pty Ltd 9:54:26 AM July 12, 2006 010678

Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 9:48:50 AM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.1869	3530.500	99.0028
# 2	0.1934	3493.500	97.9635
Mean	0.1902	3512.000	98.4831
SD	0.0046	26.163	0.7349
%RSD	2.4268	0.745	0.7462

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 9:51:26 AM July 12, 2006

	K_766	Sc	Sc361
# 1	46.5	3589.5	3589.5
# 2	38.5	3568.5	3568.5
Mean	42.5	3579.0	3579.0
SD	5.7	14.8	14.8
%RSD	13.3	0.4	0.4

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 9:51:26 AM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.2666	3589.500 H	100.6601
# 2	0.1502	3568.500 H	100.0702
Mean	0.2084	3579.000 H	100.3652
SD	0.0823	14.849	0.4171
%RSD	39.4719	0.415	0.4156

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit	
K_766	0.000	0.208	0.000	Failed

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 9:54:02 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1436.5	3704.0	3704.0
# 2	1415.5	3655.0	3655.0
Mean	1426.0	3679.5	3679.5
SD	14.8	34.6	34.6
%RSD	1.0	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 9:54:02 AM July 12, 2006

	K_766	Sc	Sc361

	ppm			ppm
# 1	20.4029	3704.000	H	103.8764
# 2	20.3735	3655.000	H	102.5000
Mean	20.3882	3679.500	H	103.1882

EVOLUTION by Micro-Active Australia Pty Ltd 10:01:58 AM July 12, 2006

010679

SD	0.0207	34.648	0.9733
%RSD	0.1018	0.942	0.9432

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.388	22.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 9:56:36 AM July 12, 2006

	K_766	Sc	Sc361
# 1	29.0	3701.0	3701.0
# 2	33.0	3663.0	3663.0
Mean	31.0	3682.0	3682.0
SD	2.8	26.9	26.9
%RSD	9.1	0.7	0.7

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 9:56:36 AM July 12, 2006

		K_766	Sc	Sc361
		ppm		ppm
# 1	L	-0.0084	3701.000 H	103.7921
# 2		0.0546	3663.000 H	102.7247
Mean		0.0231	3682.000 H	103.2584
SD		0.0446	26.870	0.7548
%RSD		192.8426	0.730	0.7310

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.023
Sc361	0.000	103.258

BACKGROUND CORRECTED INTENSITIES
Identity 1 : pbw-G12H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 9:59:12 AM July 12, 2006

	K_766	Sc	Sc361
# 1	42.0	3612.0	3612.0
# 2	37.0	3659.0	3659.0
Mean	39.5	3635.5	3635.5
SD	3.5	33.2	33.2
%RSD	9.0	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : pbw-G12H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 9:59:12 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.1953	3612.000 H	101.2921
# 2	0.1139	3659.000 H	102.6124

Mean	0.1546	3635.500 H	101.9522
SD	0.0576	33.234	0.9335
%RSD	37.2458	0.914	0.9157

EVOLUTION by Micro-Active Australia Pty Ltd 10:07:26 AM July 12, 2006 010680

BACKGROUND CORRECTED INTENSITIES
Identity 1 : lcsw-G12H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:01:48 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1392.5	3661.5	3661.5
# 2	1392.5	3638.5	3638.5
Mean	1392.5	3650.0	3650.0
SD	0.0	16.3	16.3
%RSD	0.0	0.4	0.4

APPARENT CONCENTRATIONS
Identity 1 : lcsw-G12H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:01:48 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	19.9992	3661.500 H	102.6826
# 2	20.1283	3638.500 H	102.0365
Mean	20.0637	3650.000 H	102.3596
SD	0.0913	16.263	0.4568
%RSD	0.4551	0.446	0.4463

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280643 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:04:24 AM July 12, 2006

	K_766	Sc	Sc361
# 1	57.0	3731.0	3731.0
# 2	52.0	3667.0	3667.0
Mean	54.5	3699.0	3699.0
SD	3.5	45.3	45.3
%RSD	6.5	1.2	1.2

APPARENT CONCENTRATIONS
Identity 1 : 280643 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:04:24 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.3913	3731.000 H	104.6348
# 2	0.3324	3667.000 H	102.8371
Mean	0.3619	3699.000 H	103.7360
SD	0.0417	45.255	1.2712
%RSD	11.5130	1.223	1.2254

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280643d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:06:58 AM July 12, 2006

	K_766	Sc	Sc361
# 1	54.0	3618.5	3618.5
# 2	62.0	3577.5	3577.5
Mean	58.0	3598.0	3598.0

SD	3.7	23.6	23.6
%RSD	9.8	0.8	0.8

APPARENT CONCENTRATIONS
Identity 1 : 280643d Identity 2 : Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd 10:14:56 AM July 12, 2006

010681

Weight : 1.0000 Volume : 1.00 Printed : 10:06:58 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.3723	3618.500 H	101.4747
# 2	0.5016	3577.500 H	100.3230
Mean	0.4370	3598.000 H	100.8989
SD	0.0914	28.991	0.8144
%RSD	20.9246	0.806	0.8071

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280644 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:09:34 AM July 12, 2006

	K_766	Sc	Sc361
# 1	48.0	3737.0	3737.0
# 2	44.0	3686.0	3686.0
Mean	46.0	3711.5	3711.5
SD	2.8	36.1	36.1
%RSD	6.1	1.0	1.0

APPARENT CONCENTRATIONS
Identity 1 : 280644 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:09:34 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.2606	3737.000 H	104.8034
# 2	0.2119	3686.000 H	103.3708
Mean	0.2363	3711.500 H	104.0871
SD	0.0345	36.062	1.0130
%RSD	14.5881	0.972	0.9732

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 280644s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:12:08 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1426.5	3655.0	3655.0
# 2	1428.5	3628.0	3628.0
Mean	1427.5	3641.5	3641.5
SD	1.4	19.1	19.1
%RSD	0.1	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : 280644s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:12:08 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	20.5352	3655.000 H	102.5000
# 2	20.7208	3628.000 H	101.7416
Mean	20.6280	3641.500 H	102.1208
SD	0.1313	19.092	0.5363

%RSD 0.6363 0.524 0.5252

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282164 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:14:44 AM July 12, 2006
EVOLUTION by Micro-Active Australia Pty Ltd 10:19:56 AM July 12, 2006

010682

	K_766	Sc	Sc361
# 1	67.0	3745.5	3745.5
# 2	57.0	3714.5	3714.5
Mean	62.0	3730.0	3730.0
SD	7.1	21.9	21.9
%RSD	11.4	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : 282164 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:14:44 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.5316	3745.500 H	105.0421
# 2	0.3950	3714.500 H	104.1713
Mean	0.4633	3730.000 H	104.6067
SD	0.0966	21.920	0.6157
%RSD	20.8483	0.588	0.5886

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282165 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:17:20 AM July 12, 2006

	K_766	Sc	Sc361
# 1	71.0	3706.0	3706.0
# 2	75.0	3696.0	3696.0
Mean	73.0	3701.0	3701.0
SD	2.8	7.1	7.1
%RSD	3.9	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : 282165 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:17:20 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.5998	3706.000 H	103.9326
# 2	0.6607	3696.000 H	103.6517
Mean	0.6302	3701.000 H	103.7921
SD	0.0431	7.071	0.1986
%RSD	6.8347	0.191	0.1914

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282166 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:19:56 AM July 12, 2006

	K_766	Sc	Sc361
# 1	87.0	3687.0	3687.0
# 2	90.0	3644.0	3644.0
Mean	88.5	3665.5	3665.5
SD	2.1	30.4	30.4
%RSD	2.4	0.8	0.8

APPARENT CONCENTRATIONS

APPARENT CONCENTRATIONS
Identity 1 : 282166 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:19:56 AM July 12, 2006

	K_766		Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd			10:28:56 AM July 12, 2006	
	ppm			ppm
# 1	0.8382	3687.000	H	103.3989
# 2	0.8974	3644.000	H	102.1910
Mean	0.8678	3665.500	H	102.7949
SD	0.0418	30.406		0.8541
%RSD	4.8222	0.830		0.8309

010683

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282167 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:22:32 AM July 12, 2006

	K_766	Sc	Sc361
# 1	74.0	3684.5	3684.5
# 2	68.0	3639.5	3639.5
Mean	71.0	3662.0	3662.0
SD	4.2	31.8	31.8
%RSD	6.0	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : 282167 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:22:32 AM July 12, 2006

	K_766		Sc	Sc361
	ppm			ppm
# 1	0.6495	3684.500	H	103.3287
# 2	0.5743	3639.500	H	102.0646
Mean	0.6119	3662.000	H	102.6966
SD	0.0532	31.820		0.8938
%RSD	8.6915	0.869		0.8703

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 10:25:06 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1404.0	3624.0	3624.0
# 2	1408.0	3628.0	3628.0
Mean	1406.0	3626.0	3626.0
SD	2.8	2.8	2.8
%RSD	0.2	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 10:25:06 AM July 12, 2006

	K_766		Sc	Sc361
	ppm			ppm
# 1	20.3810	3624.000	H	101.6292
# 2	20.4173	3628.000	H	101.7416
Mean	20.3992	3626.000	H	101.6854
SD	0.0257	2.828		0.0795
%RSD	0.1258	0.078		0.0781

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.399	22.000

BACKGROUND CORRECTED INTENSITIES
EVOLUTION by Micro-Active Australia Pty Ltd 10:35:02 AM July 12, 2006

010684

Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 10:28:42 AM July 12, 2006

	K_766	Sc	Sc361
# 1	21.5	3705.5	3705.5
# 2	30.5	3673.5	3673.5
Mean	26.0	3689.5	3689.5
SD	6.4	22.6	22.6
%RSD	24.5	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 10:28:42 AM July 12, 2006

		K_766	Sc	Sc361
		ppm		ppm
# 1	L	-0.1176	3705.500 H	103.9185
# 2		0.0167	3673.500 H	103.0197
Mean	L	-0.0505	3689.500 H	103.4691
SD		0.0950	22.627	0.6356
%RSD		188.1595	0.613	0.6143

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	-0.050
Sc361	0.000	103.469

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282168 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:32:18 AM July 12, 2006

	K_766	Sc	Sc361
# 1	73.0	3675.0	3675.0
# 2	67.0	3627.0	3627.0
Mean	70.0	3651.0	3651.0
SD	4.2	33.9	33.9
%RSD	6.1	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : 282168 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 10:32:18 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.6377	3675.000 H	103.0618
# 2	0.5630	3627.000 H	101.7135
Mean	0.6003	3651.000 H	102.3876
SD	0.0528	33.941	0.9534
%RSD	8.8032	0.930	0.9312

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 10:34:52 AM July 12, 2006

	K_766	Sc	Sc361
# 1	22.5	3702.0	3702.0
# 2	36.5	3674.0	3674.0
Mean	29.5	3688.0	3688.0

EVOLUTION by Micro-Active Australia Pty Ltd 10:40:26 AM July 12, 2006

010685

SD	9.9	19.8	19.8
%RSD	33.6	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 10:34:52 AM July 12, 2006

		K_766	Sc	Sc361
		ppm		ppm
# 1	L	-0.1028	3702.000 H	103.8202
# 2		0.1043	3674.000 H	103.0337
Mean		0.0008	3688.000 H	103.4270
SD		0.1465	19.799	0.5562
%RSD		19358.6712	0.537	0.5377

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit	
K_766	0.900	0.001	1.100	Failed

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 10:37:28 AM July 12, 2006

	K_766	Sc	Sc361
# 1	24.0	3514.0	3514.0
# 2	28.0	3509.0	3509.0
Mean	26.0	3511.5	3511.5
SD	2.8	3.5	3.5
%RSD	10.9	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 10:37:28 AM July 12, 2006

		K_766	Sc	Sc361
		ppm		ppm
# 1	L	-0.0624	3514.000	98.5393
# 2	L	-0.0007	3509.000	98.3989
Mean	L	-0.0316	3511.500	98.4691
SD		0.0437	3.536	0.0993
%RSD		138.3722	0.101	0.1009

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 10:40:02 AM July 12, 2006

	K_766	Sc	Sc361
# 1	39.5	3597.5	3597.5
# 2	38.5	3509.5	3509.5
Mean	39.0	3553.5	3553.5
SD	0.7	62.2	62.2
%RSD	1.8	1.8	1.8

APPARENT CONCENTRATIONS

Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 10:40:02 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm

EVOLUTION by Micro-Active Australia Pty Ltd 10:45:26 AM July 12, 2006

010686

# 1	0.1605	3597.500	H	100.8848
# 2	0.1600	3509.500		98.4129
Mean	0.1602	3553.500		99.6489
SD	0.0004	62.225		1.7479
%RSD	0.2281	1.751		1.7541

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit	
K_766	0.000	0.160	0.000	Failed

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 10:42:38 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1418.0	3653.5	3653.5
# 2	1398.0	3631.5	3631.5
Mean	1408.0	3642.5	3642.5
SD	14.1	15.6	15.6
%RSD	1.0	0.4	0.4

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 10:42:38 AM July 12, 2006

	K_766	Sc		Sc361
	ppm			ppm
# 1	20.4188	3653.500	H	102.4579
# 2	20.2493	3631.500	H	101.8399
Mean	20.3341	3642.500	H	102.1489
SD	0.1199	15.556		0.4370
%RSD	0.5895	0.427		0.4278

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.334	22.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 10:45:12 AM July 12, 2006

	K_766	Sc	Sc361
# 1	36.0	3665.0	3665.0
# 2	32.0	3647.0	3647.0
Mean	34.0	3656.0	3656.0
SD	2.8	12.7	12.7
%RSD	8.3	0.3	0.3

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 10:45:12 AM July 12, 2006

	K_766	Sc	Sc361

	ppm			ppm
# 1	0.0983	3665.000	H	102.7809
# 2	0.0420	3647.000	H	102.2753
Mean	0.0702	3656.000	H	102.5281
SD	0.0398	12.728		0.3575
%RSD	56.7438	0.348		0.3487

EVOLUTION by Micro-Active Australia Pty Ltd 10:46:42 AM July 12, 2006

010687

Checking calibration blank ...

Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.070
Sc361	0.000	102.528

☐ 200.7 TAP No. 01-0406-028 Rev3/Jan06

☑ 6010B TAP No. 01-0406-130 Rev5/Jan06

☐ Other_____

QC STD. ID's	
CCV	060705
CRI	
ICSA	
ICSAB	060705

ICP CAL.STD. ID's	
Std0	060705
Std1	060705
Std2	060706
Std3	
Std4	
Std5	
Std6	

010688

K

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
060020.01.242	DIV.20	060630-4	71206	WATER	63-219

INSTRUMENT: Spectro FILENAME: 060712A

7-12-06

File converted to wsl? ☐

EVOLUTION by Micro-Active Australia Pty Ltd 1:17:34 PM July 12, 2006 010689

Keep last result visible enabled ...
Starting run ...
Creating high priority queue entries ...
BACKGROUND CORRECTED INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 1:12:14 PM July 12, 2006

	K_766	Sc361
# 1	13.5	3510.0
# 2	21.5	3503.0
Mean	17.5	3506.5
SD	5.7	4.9
%RSD	32.3	0.1

INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 1:12:14 PM July 12, 2006

	K_766	Sc361
# 1	0.0	3510.0
# 2	0.0	3503.0
Mean	0.0	3506.5
SD	0.0	4.9
%RSD	32.5	0.1

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 1:14:48 PM July 12, 2006

	K_766
# 1	3449.0
# 2	3390.0
Mean	3419.5
SD	41.7
%RSD	1.2

INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 1:14:48 PM July 12, 2006

	K_766
# 1	0.9
# 2	0.9
Mean	0.9
SD	0.0
%RSD	0.1

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 1:17:24 PM July 12, 2006

	K_766	Sc	Sc361
# 1	1399.0	3577.0	3577.0
# 2	1383.0	3565.0	3565.0

7-12-06

7/12/06

mean	1391.0	3571.0	3571.0
SD	11.3	8.5	8.5
%RSD	0.8	0.2	0.2

APPARENT CONCENTRATIONS
EVOLUTION by Micro-Active Australia Pty Ltd 1:17:34 PM July 12, 2006

010690

Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 1:17:24 PM July 12, 2006

	K_766 ppm	Sc		Sc361 ppm
# 1	20.5180	3577.000	H	102.0140
# 2	20.3494	3565.000	H	101.6712
Mean	20.4337	3571.000	H	101.8426
SD	0.1192	8.485		0.2424
%RSD	0.5832	0.238		0.2380

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.434	22.000

EVOLUTION by Micro-Active Australia Pty Ltd 1:25:28 PM July 12, 2006

010691

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 1:20:00 PM July 12, 2006

	K_766	Sc	Sc361
# 1	15.0	3598.5	3598.5
# 2	17.0	3561.5	3561.5
Mean	16.0	3580.0	3580.0
SD	1.4	26.2	26.2
%RSD	8.8	0.7	0.7

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 1:20:00 PM July 12, 2006

		K_766	Sc	Sc361
		ppm		ppm
# 1	L	-0.0437	3598.500 H	102.6282
# 2	L	-0.0116	3561.500 H	101.5712
Mean	L	-0.0276	3580.000 H	102.0997
SD		0.0227	26.163	0.7474
%RSD		82.2676	0.731	0.7320

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	-0.028
Sc361	0.000	102.100

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 1:22:34 PM July 12, 2006

	K_766	Sc	Sc361
# 1	26.0	3548.5	3548.5
# 2	32.0	3535.5	3535.5
Mean	29.0	3542.0	3542.0
SD	4.2	9.2	9.2
%RSD	14.6	0.3	0.3

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 1:22:34 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.1241	3548.500 H	101.1998
# 2	0.2158	3535.500 H	100.8285
Mean	0.1700	3542.000 H	101.0141
SD	0.0648	9.192	0.2626
%RSD	38.1158	0.260	0.2600

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name Low limit Value High limit
K_766 0.900 0.170 1.100 Failed
BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 1:25:10 PM July 12, 2006
EVOLUTION by Micro-Active Australia Pty Ltd 1:30:30 PM July 12, 2006

010692

	K_766	Sc	Sc361
# 1	48.5	3414.0	3414.0
# 2	34.5	3416.0	3416.0
Mean	41.5	3415.0	3415.0
SD	9.9	1.4	1.4
%RSD	23.9	0.0	0.0

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 1:25:10 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.4897	3414.000	97.3575
# 2	0.2715	3416.000	97.4147
Mean	0.3806	3415.000	97.3861
SD	0.1543	1.414	0.0404
%RSD	40.5446	0.041	0.0415

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 1:27:44 PM July 12, 2006

	K_766	Sc	Sc361
# 1	26.0	3490.0	3490.0
# 2	35.0	3447.0	3447.0
Mean	30.5	3468.5	3468.5
SD	6.4	30.4	30.4
%RSD	20.9	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 1:27:44 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.1307	3490.000	99.5286
# 2	0.2744	3447.000	98.3002
Mean	0.2025	3468.500	98.9144
SD	0.1016	30.406	0.8686
%RSD	50.1682	0.877	0.8781

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :
Report name Low limit Value High limit
K_766 0.000 0.203 0.000 Failed
BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 1:30:20 PM July 12, 2006

	K_766	Sc	Sc361
# 1	1385.5	3592.0	3592.0
# 2	1375.5	3593.0	3593.0

Mean	1380.5	3592.5	3592.5
SD	7.1	0.7	0.7
%RSD	0.5	0.0	0.0

EVOLUTION by Micro-Active Australia Pty Ltd 1:35:58 PM July 12, 2006 010693

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 1:30:20 PM July 12, 2006

	K_766	Sc		Sc361
	ppm			ppm
# 1	20.2315	3592.000	H	102.4425
# 2	20.0779	3593.000	H	102.4711
Mean	20.1547	3592.500	H	102.4568
SD	0.1086	0.707		0.0202
%RSD	0.5389	0.020		0.0197

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.155	22.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 1:32:54 PM July 12, 2006

	K_766	Sc	Sc361
# 1	32.5	3568.0	3568.0
# 2	40.5	3564.0	3564.0
Mean	36.5	3566.0	3566.0
SD	5.7	2.8	2.8
%RSD	15.5	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 1:32:54 PM July 12, 2006

	K_766	Sc		Sc361
	ppm			ppm
# 1	0.2188	3568.000	H	101.7569
# 2	0.3386	3564.000	H	101.6426
Mean	0.2787	3566.000	H	101.6998
SD	0.0847	2.828		0.0808
%RSD	30.3968	0.079		0.0795

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	0.279	Contaminated
Sc361	0.000	101.700	

BACKGROUND CORRECTED INTENSITIES
Identity 1 : pbw-G12H2 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:35:30 PM July 12, 2006

	K_766	Sc	Sc361
# 1	30.0	3590.0	3590.0
# 2	41.0	3566.0	3566.0
Mean	35.5	3578.0	3578.0
SD	7.8	17.0	17.0

%RSD 21.9 0.5 0.5

APPARENT CONCENTRATIONS
Identity 1 : pbw-G12H2 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:35:30 PM July 12, 2006
EVOLUTION by Micro-Active Australia Pty Ltd 1:43:28 PM July 12, 2006 010694

	K_766 ppm	Sc	Sc361 ppm
# 1	0.1789	3590.000 H	102.3854
# 2	0.3458	3566.000 H	101.6998
Mean	0.2623	3578.000 H	102.0426
SD	0.1180	16.971	0.4848
%RSD	44.9929	0.474	0.4751

BACKGROUND CORRECTED INTENSITIES
Identity 1 : lcsw-G12H2 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:38:06 PM July 12, 2006

	K_766	Sc	Sc361
# 1	1349.5	3530.0	3530.0
# 2	1354.5	3503.0	3503.0
Mean	1352.0	3516.5	3516.5
SD	3.5	19.1	19.1
%RSD	0.3	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : lcsw-G12H2 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:38:06 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	20.0495	3530.000 H	100.6713
# 2	20.2820	3503.000	99.9000
Mean	20.1658	3516.500 H	100.2857
SD	0.1644	19.092	0.5454
%RSD	0.8150	0.543	0.5439

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282138 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:40:40 PM July 12, 2006

	K_766	Sc	Sc361
# 1	61.0	3580.0	3580.0
# 2	53.0	3572.0	3572.0
Mean	57.0	3576.0	3576.0
SD	5.7	5.7	5.7
%RSD	9.9	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : 282138 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:40:40 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.6402	3580.000 H	102.0997
# 2	0.5233	3572.000 H	101.8712
Mean	0.5817	3576.000 H	101.9854
SD	0.0827	5.657	0.1616
%RSD	14.2193	0.158	0.1585

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282138d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:43:18 PM July 12, 2006

EVOLUTION by Micro-Active Australia Pty Ltd 1:48:58 PM July 12, 2006 010695

	K_766	Sc	Sc361
# 1	68.0	3569.0	3569.0
# 2	60.0	3571.0	3571.0
Mean	64.0	3570.0	3570.0
SD	5.7	1.4	1.4
%RSD	8.8	0.0	0.0

APPARENT CONCENTRATIONS
Identity 1 : 282138d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:43:18 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.7473	3569.000 H	101.7855
# 2	0.6276	3571.000 H	101.8426
Mean	0.6874	3570.000 H	101.8140
SD	0.0846	1.414	0.0404
%RSD	12.3034	0.040	0.0397

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282139 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:45:52 PM July 12, 2006

	K_766	Sc	Sc361
# 1	72.0	3608.5	3608.5
# 2	65.0	3577.5	3577.5
Mean	68.5	3593.0	3593.0
SD	4.9	21.9	21.9
%RSD	7.2	0.6	0.6

7/12/04

APPARENT CONCENTRATIONS
Identity 1 : 282139 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:45:54 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.7951	3608.500 H	102.9139
# 2	0.7003	3577.500 H	102.0283
Mean	0.7477	3593.000 H	102.4711
SD	0.0670	21.920	0.6262
%RSD	8.9644	0.610	0.6111

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282139s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:48:30 PM July 12, 2006

	K_766	Sc	Sc361
# 1	1437.5	3574.0	3574.0
# 2	1418.5	3538.0	3538.0
Mean	1428.0	3556.0	3556.0
SD	13.4	25.5	25.5
%RSD	0.9	0.7	0.7

APPARENT CONCENTRATIONS

Identity 1 : 2821398 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:48:30 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm

EVOLUTION by Micro-Active Australia Pty Ltd 1:56:28 PM July 12, 2006 010696

# 1	21.1078	3574.000	H	101.9283
# 2	21.0399	3538.000	H	100.8999
Mean	21.0739	3556.000	H	101.4141
SD	0.0480	25.456		0.7272
%RSD	0.2278	0.716		0.7171

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282140 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:51:06 PM July 12, 2006

	K_766	Sc	Sc361
# 1	68.0	3541.0	3541.0
# 2	75.0	3489.0	3489.0
Mean	71.5	3515.0	3515.0
SD	4.9	36.8	36.8
%RSD	6.9	1.0	1.0

APPARENT CONCENTRATIONS
Identity 1 : 282140 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:51:06 PM July 12, 2006

	K_766	Sc		Sc361
	ppm			ppm
# 1	0.7553	3541.000	H	100.9856
# 2	0.8771	3489.000		99.5081
Mean	0.8162	3515.000	H	100.2428
SD	0.0861	36.770		1.0504
%RSD	10.5543	1.046		1.0479

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282141 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:53:40 PM July 12, 2006

	K_766	Sc	Sc361
# 1	68.0	3586.5	3586.5
# 2	66.0	3539.5	3539.5
Mean	67.0	3563.0	3563.0
SD	1.4	33.2	33.2
%RSD	2.1	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : 282141 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:53:40 PM July 12, 2006

	K_766	Sc		Sc361
	ppm			ppm
# 1	0.7423	3586.500	H	102.2854
# 2	0.7257	3539.500	H	100.9427
Mean	0.7340	3563.000	H	101.6141
SD	0.0118	33.234		0.9494
%RSD	1.6038	0.933		0.9343

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282142 Identity 2 : Type : SAMPLE

Weight : 1.0000 Volume : 1.00 Printed : 1:56:16 PM July 12, 2006

	K_766	Sc	Sc361
# 1	59.5	3563.0	3563.0
# 2	67.5	3493.0	3493.0

EVOLUTION by Micro-Active Australia Pty Ltd 2:01:36 PM July 12, 2006 010697

Mean	63.5	3528.0	3528.0
SD	5.7	49.5	49.5
%RSD	8.9	1.4	1.4

APPARENT CONCENTRATIONS
Identity 1 : 282142 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:56:16 PM July 12, 2006

	K_766		Sc		Sc361
	ppm				ppm
# 1	0.6222		3563.000	H	101.6141
# 2	0.7617		3493.000		99.6143
Mean	0.6919		3528.000	H	100.6142
SD	0.0986		49.497		1.4140
%RSD	14.2547		1.403		1.4054

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282143 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:58:52 PM July 12, 2006

	K_766	Sc	Sc361
# 1	53.5	3582.0	3582.0
# 2	71.5	3525.0	3525.0
Mean	62.5	3553.5	3553.5
SD	12.7	40.3	40.3
%RSD	20.4	1.1	1.1

APPARENT CONCENTRATIONS
Identity 1 : 282143 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 1:58:52 PM July 12, 2006

	K_766		Sc		Sc361
	ppm				ppm
# 1	0.5285		3582.000	H	102.1568
# 2	0.8127		3525.000	H	100.5285
Mean	0.6706		3553.500	H	101.3427
SD	0.2009		40.305		1.1514
%RSD	29.9670		1.134		1.1362

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:01:26 PM July 12, 2006

	K_766	Sc	Sc361
# 1	1389.0	3562.5	3562.5
# 2	1376.0	3506.5	3506.5
Mean	1382.5	3534.5	3534.5
SD	9.2	39.6	39.6
%RSD	0.7	1.1	1.1

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:01:26 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	20.4534	3562.500 H	101.5998
# 2	20.5873	3506.500	100.0000

EVOLUTION by Micro-Active Australia Pty Ltd 2:08:58 PM July 12, 2006 010698

Mean	20.5203	3534.500 H	100.7999
SD	0.0947	39.598	1.1312
%RSD	0.4613	1.120	1.1222

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.520	22.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:05:02 PM July 12, 2006

	K_766	Sc	Sc361
# 1	25.5	3563.0	3563.0
# 2	27.5	3503.0	3503.0
Mean	26.5	3533.0	3533.0
SD	1.4	42.4	42.4
%RSD	5.3	1.2	1.2

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:05:02 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.1151	3563.000 H	101.6141
# 2	0.1520	3503.000	99.9000
Mean	0.1335	3533.000 H	100.7570
SD	0.0261	42.426	1.2120
%RSD	19.5150	1.201	1.2029

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.134
Sc361	0.000	100.757

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282144 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:08:38 PM July 12, 2006

	K_766	Sc	Sc361
# 1	72.0	3572.0	3572.0
# 2	68.0	3599.0	3599.0
Mean	70.0	3585.5	3585.5
SD	2.8	19.1	19.1
%RSD	4.0	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : 282144 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:08:38 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.8059	3572.000 H	101.8712

# 2	0.7388	3599.000 H	102.8423
Mean	0.7724	3585.500 H	102.2568
SD	0.0474	19.092	0.5454
%RSD	6.1427	0.532	0.5334

EVOLUTION by Micro-Active Australia Pty Ltd 2:16:34 PM July 12, 2006

010699

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282145 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:11:14 PM July 12, 2006

	K_766	Sc	Sc361
# 1	35.0	3566.0	3566.0
# 2	49.0	3559.0	3559.0
Mean	42.0	3562.5	3562.5
SD	9.9	4.9	4.9
%RSD	23.6	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : 282145 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:11:14 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.2564	3566.000 H	101.6998
# 2	0.4664	3559.000 H	101.4998
Mean	0.3614	3562.500 H	101.5998
SD	0.1485	4.950	0.1414
%RSD	41.1016	0.139	0.1392

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282146 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:13:48 PM July 12, 2006

	K_766	Sc	Sc361
# 1	46.0	3577.0	3577.0
# 2	45.0	3588.0	3588.0
Mean	45.5	3582.5	3582.5
SD	0.7	7.8	7.8
%RSD	1.6	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : 282146 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:13:48 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.4182	3577.000 H	102.0140
# 2	0.4013	3588.000 H	102.3282
Mean	0.4097	3582.500 H	102.1711
SD	0.0120	7.778	0.2222
%RSD	2.9176	0.217	0.2175

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282147 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:16:24 PM July 12, 2006

	K_766	Sc	Sc361
# 1	57.5	3619.0	3619.0
# 2	71.5	3600.0	3600.0

SD	9.9	13.4	13.4
%RSD	15.3	0.4	0.4

APPARENT CONCENTRATIONS
EVOLUTION by Micro-Active Australia Pty Ltd 2:24:28 PM July 12, 2006

010700

Identity 1 : 282147 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:16:24 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.5791	3619.000 H	103.2138
# 2	0.7902	3600.000 H	102.6710
Mean	0.6846	3609.500 H	102.9424
SD	0.1493	13.435	0.3838
%RSD	21.8034	0.372	0.3728

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282148 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:19:02 PM July 12, 2006

	K_766	Sc	Sc361
# 1	60.0	3547.0	3547.0
# 2	73.0	3553.0	3553.0
Mean	66.5	3550.0	3550.0
SD	9.2	4.2	4.2
%RSD	13.8	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : 282148 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:19:02 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.6337	3547.000 H	101.1570
# 2	0.8266	3553.000 H	101.3284
Mean	0.7301	3550.000 H	101.2427
SD	0.1364	4.243	0.1212
%RSD	18.6826	0.120	0.1197

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282149 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:21:38 PM July 12, 2006

	K_766	Sc	Sc361
# 1	45.5	3616.0	3616.0
# 2	49.5	3570.0	3570.0
Mean	47.5	3593.0	3593.0
SD	2.8	32.5	32.5
%RSD	6.0	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : 282149 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:21:38 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.4034	3616.000 H	103.1281
# 2	0.4716	3570.000 H	101.8140
Mean	0.4375	3593.000 H	102.4711

SD	0.0482	32.327	0.9252
%RSD	11.0150	0.905	0.9068

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282150 Identity 2 : Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd 2:29:34 PM July 12, 2006

010701

Weight : 1.0000 Volume : 1.00 Printed : 2:24:14 PM July 12, 2006

	K_766	Sc	Sc361
# 1	52.0	3622.0	3622.0
# 2	55.0	3564.0	3564.0
Mean	53.5	3593.0	3593.0
SD	2.1	41.0	41.0
%RSD	4.0	1.1	1.1

JL 7/12/04

APPARENT CONCENTRATIONS
Identity 1 : 282150 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:24:14 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.4977	3622.000 H	103.2995
# 2	0.5548	3564.000 H	101.6426
Mean	0.5263	3593.000 H	102.4711
SD	0.0404	41.012	1.1716
%RSD	7.6781	1.141	1.1434

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282151 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:26:48 PM July 12, 2006

	K_766	Sc	Sc361
# 1	79.5	3589.5	3589.5
# 2	68.5	3561.5	3561.5
Mean	74.0	3575.5	3575.5
SD	7.8	19.8	19.8
%RSD	10.5	0.6	0.6

APPARENT CONCENTRATIONS
Identity 1 : 282151 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:26:48 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.9117	3589.500 H	102.3711
# 2	0.7568	3561.500 H	101.5712
Mean	0.8343	3575.500 H	101.9711
SD	0.1095	19.799	0.5656
%RSD	13.1264	0.554	0.5547

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282152 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:29:24 PM July 12, 2006

	K_766	Sc	Sc361
# 1	68.5	3582.0	3582.0
# 2	53.5	3559.0	3559.0
Mean	61.0	3570.5	3570.5
SD	10.6	16.3	16.3
%RSD	17.4	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : 282152 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:29:24 PM July 12, 2006

EVOLUTION by Micro-Active Australia Pty Ltd 2:38:28 PM July 12, 2006

010702

SL 7/12/06

	K_766 ppm	Sc	Sc361 ppm
# 1	0.7510	3582.000 H	102.1568
# 2	0.5336	3559.000 H	101.4998
Mean	0.6423	3570.500 H	101.8283
SD	0.1537	16.263	0.4646
%RSD	23.9332	0.455	0.4563

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282153 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:32:00 PM July 12, 2006

	K_766	Sc	Sc361
# 1	48.5	3607.0	3607.0
# 2	60.5	3559.0	3559.0
Mean	54.5	3583.0	3583.0
SD	8.5	33.9	33.9
%RSD	15.6	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : 282153 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:32:00 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.4493	3607.000 H	102.8710
# 2	0.6381	3559.000 H	101.4998
Mean	0.5437	3583.000 H	102.1854
SD	0.1335	33.941	0.9696
%RSD	24.5547	0.947	0.9489

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:34:34 PM July 12, 2006

	K_766	Sc	Sc361
# 1	1363.0	3518.0	3518.0
# 2	1348.0	3504.0	3504.0
Mean	1355.5	3511.0	3511.0
SD	10.6	9.9	9.9
%RSD	0.8	0.3	0.3

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:34:34 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	20.3227	3518.000 H	100.3285
# 2	20.1775	3504.000	99.9286
Mean	20.2501	3511.000 H	100.1286
SD	0.1027	9.899	0.2828
%RSD	0.5071	0.282	0.2824

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :
Report name Low limit Value High limit
K_766 18.000 20.250 22.000
EVOLUTION by Micro-Active Australia Pty Ltd 2:44:32 PM July 12, 2006

010703

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:38:10 PM July 12, 2006

	K_766	Sc	Sc361
# 1	35.5	3576.0	3576.0
# 2	39.5	3566.0	3566.0
Mean	37.5	3571.0	3571.0
SD	2.8	7.1	7.1
%RSD	7.5	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 2:38:10 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.2623	3576.000 H	101.9854
# 2	0.3234	3566.000 H	101.6998
Mean	0.2929	3571.000 H	101.8426
SD	0.0432	7.071	0.2020
%RSD	14.7487	0.198	0.1983

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :
Report name CRDL Value
K_766 0.250 0.293 Contaminated
Sc361 0.000 101.843
BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282154 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:41:46 PM July 12, 2006

	K_766	Sc	Sc361
# 1	45.0	3615.5	3615.5
# 2	62.0	3552.5	3552.5
Mean	53.5	3584.0	3584.0
SD	12.0	44.5	44.5
%RSD	22.5	1.2	1.2

APPARENT CONCENTRATIONS
Identity 1 : 282154 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:41:46 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.3962	3615.500 H	103.1138
# 2	0.6622	3552.500 H	101.3141
Mean	0.5292	3584.000 H	102.2140
SD	0.1881	44.548	1.2726
%RSD	35.5451	1.243	1.2450

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282155 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:44:22 PM July 12, 2006

	K_766	Sc	Sc361
# 1	50.0	3585.0	3585.0
# 2	54.0	3581.0	3581.0

EVOLUTION by Micro-Active Australia Pty Ltd 2:49:58 PM July 12, 2006

010704

Mean	52.0	3583.0	3583.0
SD	2.8	2.8	2.8
%RSD	5.4	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : 282155 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:44:22 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.4759	3585.000 H	102.2425
# 2	0.5361	3581.000 H	102.1283
Mean	0.5060	3583.000 H	102.1854
SD	0.0426	2.828	0.0808
%RSD	8.4101	0.079	0.0791

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282156 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:46:56 PM July 12, 2006

	K_766	Sc	Sc361
# 1	69.5	3559.0	3559.0
# 2	60.5	3540.0	3540.0
Mean	65.0	3549.5	3549.5
SD	6.4	13.4	13.4
%RSD	9.8	0.4	0.4

APPARENT CONCENTRATIONS
Identity 1 : 282156 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:46:56 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.7725	3559.000 H	101.4998
# 2	0.6430	3540.000 H	100.9570
Mean	0.7077	3549.500 H	101.2284
SD	0.0916	13.435	0.3838
%RSD	12.9416	0.379	0.3791

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282157 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:49:32 PM July 12, 2006

	K_766	Sc	Sc361
# 1	52.5	3597.5	3597.5
# 2	64.5	3536.5	3536.5
Mean	58.5	3567.0	3567.0
SD	8.5	43.1	43.1
%RSD	14.5	1.2	1.2

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APPARENT CONCENTRATIONS
Identity 1 : 282157 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 2:49:32 PM July 12, 2006

	K_766	Sc	Sc361

	ppm		ppm
# 1	0.5103	3597.500 H	102.5996
# 2	0.7040	3536.500 H	100.8570
Mean	0.6071	3567.000 H	101.7283

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010705

SD	0.1370	43.134	1.2822
%RSD	22.5584	1.209	1.2113

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:52:06 PM July 12, 2006

	K_766	Sc	Sc361
# 1	20.0	3578.0	3578.0
# 2	26.0	3523.0	3523.0
Mean	23.0	3550.5	3550.5
SD	4.2	38.9	38.9
%RSD	18.4	1.1	1.1

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:52:06 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.0318	3578.000 H	102.0426
# 2	0.1270	3523.000 H	100.4714
Mean	0.0794	3550.500 H	101.2570
SD	0.0673	38.891	1.1110
%RSD	84.7280	1.095	1.0972

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit	
K_766	0.900	0.079	1.100	Failed

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 2:54:42 PM July 12, 2006

	K_766	Sc	Sc361
# 1	24.0	3410.5	3410.5
# 2	23.0	3397.5	3397.5
Mean	23.5	3404.0	3404.0
SD	0.7	9.2	9.2
%RSD	3.0	0.3	0.3

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 2:54:42 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.1087	3410.500	97.2575
# 2	0.0945	3397.500	96.8862
Mean	0.1016	3404.000	97.0718
SD	0.0100	9.192	0.2626
%RSD	9.8860	0.270	0.2705

BACKGROUND CORRECTED INTENSITIES

Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 2:57:16 PM July 12, 2006

	K_766	Sc	Sc361
# 1	41.5	3448.0	3448.0

EVOLUTION by Micro-Active Australia Pty Ltd 3:02:28 PM July 12, 2006

010706

# 2	38.5	3406.0	3406.0
Mean	40.0	3427.0	3427.0
SD	2.1	29.7	29.7
%RSD	5.3	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 2:57:18 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.3744	3448.000	98.3288
# 2	0.3355	3406.000	97.1290
Mean	0.3549	3427.000	97.7289
SD	0.0275	29.698	0.8484
%RSD	7.7537	0.867	0.8681

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit	
K_766	0.000	0.355	0.000	Failed

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:59:52 PM July 12, 2006

	K_766	Sc	Sc361
# 1	1382.0	3580.0	3580.0
# 2	1375.0	3544.0	3544.0
Mean	1378.5	3562.0	3562.0
SD	4.9	25.5	25.5
%RSD	0.4	0.7	0.7

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 2:59:52 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	20.2482	3580.000 H	102.0997
# 2	20.3516	3544.000 H	101.0713
Mean	20.2999	3562.000 H	101.5855
SD	0.0731	25.456	0.7272
%RSD	0.3602	0.715	0.7159

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.300	22.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 3:02:28 PM July 12, 2006

	K_766	Sc	Sc361

# 1	43.0	3620.5	3620.5
# 2	39.0	3564.5	3564.5
Mean	41.0	3592.5	3592.5
SD	2.8	39.6	39.6

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%RSD	6.9	1.1	1.1

010707

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 3:02:28 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.3659	3620.500 H	103.2567
# 2	0.3162	3564.500 H	101.6569
Mean	0.3411	3592.500 H	102.4568
SD	0.0352	39.598	1.1312
%RSD	10.3074	1.102	1.1041

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	0.341	Contaminated
Sc361	0.000	102.457	

☐ 200.7 TAP No. 01-0406-028 Rev3/Jan06

☑ 6010B TAP No. 01-0406-130 Rev5/Jan06

☐ Other_____

QC STD. ID's	
CCV	060605
CRI	
ICSA	
ICSAB	060605

ICP CAL.STD. ID's	210708
Std0	060605
Std1	060605
Std2	
Std3	
Std4	
Std5	
Std6	

K

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
06002.01.242	D.V.20	060630-3	7-12-06	WATR	63-218

INSTRUMENT: Spectro FILENAME: 060712A

DC 7/12/06

File converted to wsl? ☐

EVOLUTION by Micro-Active Australia Pty Ltd 10:56:56 AM July 12, 2006

Keep last result visible enabled ...
Starting run ...
Creating high priority queue entries ...
BACKGROUND CORRECTED INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 10:56:18 AM July 12, 2006

010709

	K_766	Sc361
# 1	25.0	3612.0
# 2	16.0	3638.0
Mean	20.5	3625.0
SD	6.4	18.4
%RSD	31.0	0.5

INTENSITIES
Identity 1 : BLK_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 10:56:20 AM July 12, 2006

	K_766	Sc361
# 1	0.0	3612.0
# 2	0.0	3638.0
Mean	0.0	3625.0
SD	0.0	18.4
%RSD	31.5	0.5

7/12/06

7-12-06

EVOLUTION by Micro-Active Australia Pty Ltd 11:04:26 AM July 12, 2006

010710

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 10:58:52 AM July 12, 2006

	K_766
# 1	3564.0
# 2	3517.0
Mean	3540.5
SD	33.2
%RSD	0.9

INTENSITIES
Identity 1 : CLP_STD1_SC Identity 2 : Type : STD
Weight : 1.0000 Volume : 1.00 Printed : 10:58:54 AM July 12, 2006

	K_766
# 1	0.9
# 2	0.9
Mean	0.9
SD	0.0
%RSD	0.2

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 11:01:28 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1421.5	3614.5	3614.5
# 2	1394.5	3564.5	3564.5
Mean	1408.0	3589.5	3589.5
SD	19.1	35.4	35.4
%RSD	1.4	1.0	1.0

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 11:01:28 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	20.6572	3614.500	99.7099
# 2	20.5475	3564.500	98.3283
Mean	20.6023	3589.500	99.0191
SD	0.0776	35.355	0.9769
%RSD	0.3764	0.985	0.9866

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.602	22.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 11:04:04 AM July 12, 2006

	K_766	Sc	Sc361

# 2	17.5	3622.5	3622.5
Mean	21.5	3620.0	3620.0
SD	5.7	3.5	3.5

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%RSD	26.3	0.1	0.1

010711

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 11:04:04 AM July 12, 2006

		K_766 ppm	Sc	Sc361 ppm
# 1		0.0743	3617.500	99.7928
# 2	L	-0.0439	3622.500	99.9309
Mean		0.0152	3620.000	99.8618
SD		0.0836	3.536	0.0977
%RSD		550.6875	0.098	0.0978

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.015
Sc361	0.000	99.862

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 11:06:38 AM July 12, 2006

	K_766	Sc	Sc361
# 1	47.0	3669.5	3669.5
# 2	31.0	3621.5	3621.5
Mean	39.0	3645.5	3645.5
SD	11.3	33.9	33.9
%RSD	29.0	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 11:06:38 AM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.3812	3669.500 H	101.2296
# 2	0.1548	3621.500	99.9033
Mean	0.2680	3645.500 H	100.5665
SD	0.1601	33.941	0.9379
%RSD	59.7339	0.931	0.9326

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit	
K_766	0.900	0.268	1.100	Failed

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 11:09:14 AM July 12, 2006

	K_766	Sc	Sc361
# 1	37.0	3478.5	3478.5
# 2	41.0	3451.5	3451.5

SD	2.8	19.1	19.1
%RSD	7.3	0.6	0.6

APPARENT CONCENTRATIONS
EVOLUTION by Micro-Active Australia Pty Ltd 11:14:34 AM July 12, 2006

010712

Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 11:09:14 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.2655	3478.500	95.9519
# 2	0.3317	3451.500	95.2059
Mean	0.2986	3465.000	95.5789
SD	0.0468	19.092	0.5275
%RSD	15.6767	0.551	0.5519

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 11:11:50 AM July 12, 2006

	K_766	Sc	Sc361
# 1	27.5	3557.5	3557.5
# 2	40.5	3505.5	3505.5
Mean	34.0	3531.5	3531.5
SD	9.2	36.8	36.8
%RSD	27.0	1.0	1.0

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 11:11:50 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.1106	3557.500	98.1348
# 2	0.3143	3505.500	96.6980
Mean	0.2125	3531.500	97.4164
SD	0.1441	36.770	1.0160
%RSD	67.8122	1.041	1.0430

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit	
K_766	0.000	0.212	0.000	Failed

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 11:14:24 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1406.5	3647.5	3647.5
# 2	1389.5	3598.5	3598.5
Mean	1398.0	3623.0	3623.0
SD	12.0	34.6	34.6
%RSD	0.9	1.0	1.0

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 11:14:24 AM July 12, 2006

	K_766	Sc	Sc361

	ppm		ppm
# 1	20.2484	3647.500 H	100.6217
# 2	20.2764	3598.500	99.2678
Mean	20.2624	3623.000	99.9447

EVOLUTION by Micro-Active Australia Pty Ltd 11:22:26 AM July 12, 2006

010713

SD	0.0198	34.648	0.9574
%RSD	0.0979	0.956	0.9579

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.262	22.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 11:17:00 AM July 12, 2006

	K_766	Sc	Sc361
# 1	37.0	3646.5	3646.5
# 2	33.0	3609.5	3609.5
Mean	35.0	3628.0	3628.0
SD	2.8	26.2	26.2
%RSD	8.1	0.7	0.7

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 11:17:00 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.2394	3646.500 H	100.5941
# 2	0.1858	3609.500	99.5717
Mean	0.2126	3628.000 H	100.0829
SD	0.0378	26.163	0.7229
%RSD	17.7984	0.721	0.7223

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.213
Sc361	0.000	100.083

BACKGROUND CORRECTED INTENSITIES
Identity 1 : pbw-G12H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:19:38 AM July 12, 2006

	K_766	Sc	Sc361
# 1	28.0	3609.5	3609.5
# 2	28.0	3591.5	3591.5
Mean	28.0	3600.5	3600.5
SD	0.0	12.7	12.7
%RSD	0.0	0.4	0.4

APPARENT CONCENTRATIONS
Identity 1 : pbw-G12H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:19:38 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.1120	3609.500	99.5717
# 2	0.1141	3591.500	99.0743

Mean	0.1131	3600.500	99.3230
SD	0.0015	12.728	0.3517
%RSD	1.2958	0.354	0.3541

EVOLUTION by Micro-Active Australia Pty Ltd 11:27:34 AM July 12, 2006

010714

BACKGROUND CORRECTED INTENSITIES
Identity 1 : lcsw-G12H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:22:14 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1382.5	3537.0	3537.0
# 2	1378.5	3515.0	3515.0
Mean	1380.5	3526.0	3526.0
SD	2.8	15.6	15.6
%RSD	0.2	0.4	0.4

APPARENT CONCENTRATIONS
Identity 1 : lcsw-G12H1 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:22:14 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	20.5288	3537.000	97.5684
# 2	20.5985	3515.000	96.9605
Mean	20.5636	3526.000	97.2644
SD	0.0493	15.556	0.4299
%RSD	0.2398	0.441	0.4419

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282118 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:24:50 AM July 12, 2006

	K_766	Sc	Sc361
# 1	51.0	3655.0	3655.0
# 2	74.0	3635.0	3635.0
Mean	62.5	3645.0	3645.0
SD	16.3	14.1	14.1
%RSD	26.0	0.4	0.4

APPARENT CONCENTRATIONS
Identity 1 : 282118 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:24:50 AM July 12, 2006

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	K_766	Sc	Sc361
	ppm		ppm
# 1	0.4422	3655.000 H	100.8290
# 2	0.7835	3635.000 H	100.2763
Mean	0.6129	3645.000 H	100.5526
SD	0.2413	14.142	0.3908
%RSD	39.3762	0.388	0.3886

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282118d Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:27:24 AM July 12, 2006

	K_766	Sc	Sc361
# 1	59.0	3628.5	3628.5
# 2	52.0	3619.5	3619.5
Mean	55.5	3624.0	3624.0

%RSD	8.9	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : 282118d Identity 2 : Type : SAMPLE
EVOLUTION by Micro-Active Australia Pty Ltd 11:35:26 AM July 12, 2006

010715

Weight : 1.0000 Volume : 1.00 Printed : 11:27:24 AM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.5652	3628.500 H	100.0967
# 2	0.4643	3619.500	99.8480
Mean	0.5147	3624.000	99.9724
SD	0.0714	6.364	0.1758
%RSD	13.8631	0.176	0.1759

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282119 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:30:00 AM July 12, 2006

	K_766	Sc	Sc361
# 1	166.0	3693.0	3693.0
# 2	143.0	3629.0	3629.0
Mean	154.5	3661.0	3661.0
SD	16.3	45.3	45.3
%RSD	10.5	1.2	1.2

LR 7/12/06

APPARENT CONCENTRATIONS
Identity 1 : 282119 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:30:00 AM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	2.0941	3693.000 H	101.8790
# 2	1.7986	3629.000 H	100.1105
Mean	1.9463	3661.000 H	100.9947
SD	0.2090	45.255	1.2505
%RSD	10.7359	1.236	1.2382

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282119s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:32:36 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1553.5	3653.5	3653.5
# 2	1545.5	3661.5	3661.5
Mean	1549.5	3657.5	3657.5
SD	5.7	5.7	5.7
%RSD	0.4	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : 282119s Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:32:36 AM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	22.3589	3653.500 H	100.7875
# 2	22.1929	3661.500 H	101.0086
Mean	22.2759	3657.500 H	100.8980
SD	0.1173	5.657	0.1563

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282120 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:35:12 AM July 12, 2006
EVOLUTION by Micro-Active Australia Pty Ltd 11:40:32 AM July 12, 2006

010716

	K_766	Sc	Sc361
# 1	160.5	3611.5	3611.5
# 2	170.5	3606.5	3606.5
Mean	165.5	3609.0	3609.0
SD	7.1	3.5	3.5
%RSD	4.3	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : 282120 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:35:12 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	2.0670	3611.500	99.6270
# 2	2.2180	3606.500	99.4888
Mean	2.1425	3609.000	99.5579
SD	0.1068	3.536	0.0977
%RSD	4.9852	0.098	0.0981

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282121 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:37:46 AM July 12, 2006

	K_766	Sc	Sc361
# 1	56.0	3675.5	3675.5
# 2	55.0	3661.5	3661.5
Mean	55.5	3668.5	3668.5
SD	0.7	9.9	9.9
%RSD	1.3	0.3	0.3

APPARENT CONCENTRATIONS
Identity 1 : 282121 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:37:46 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.5106	3675.500 H	101.3954
# 2	0.4991	3661.500 H	101.0086
Mean	0.5049	3668.500 H	101.2020
SD	0.0081	9.899	0.2735
%RSD	1.6037	0.270	0.2703

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282122 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:40:22 AM July 12, 2006

	K_766	Sc	Sc361
# 1	62.5	3644.5	3644.5
# 2	41.5	3619.5	3619.5
Mean	52.0	3632.0	3632.0
SD	14.8	17.7	17.7
%RSD	28.6	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : 282122 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:40:22 AM July 12, 2006

	K_766	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd			11:49:26 AM July 12, 2006
	ppm		ppm
# 1	0.6125	3644.500 H	100.5388
# 2	0.3097	3619.500	99.8480
Mean	0.4611	3632.000 H	100.1934
SD	0.2142	17.678	0.4885
%RSD	46.4483	0.487	0.4875

010717

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282123 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:42:58 AM July 12, 2006

	K_766	Sc	Sc361
# 1	45.5	3684.0	3684.0
# 2	49.5	3660.0	3660.0
Mean	47.5	3672.0	3672.0
SD	2.8	17.0	17.0
%RSD	6.0	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : 282123 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:42:58 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.3568	3684.000 H	101.6303
# 2	0.4194	3660.000 H	100.9671
Mean	0.3881	3672.000 H	101.2987
SD	0.0442	16.971	0.4689
%RSD	11.3981	0.462	0.4629

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 11:45:32 AM July 12, 2006

	K_766	Sc	Sc361
# 1	1394.0	3592.0	3592.0
# 2	1408.0	3593.0	3593.0
Mean	1401.0	3592.5	3592.5
SD	9.9	0.7	0.7
%RSD	0.7	0.0	0.0

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 11:45:32 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	20.3804	3592.000	99.0881
# 2	20.5823	3593.000	99.1158
Mean	20.4814	3592.500	99.1020
SD	0.1428	0.707	0.0195
%RSD	0.6970	0.020	0.0197

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :
Report name Low limit Value High limit
K_766 18.000 20.481 22.000
BACKGROUND CORRECTED INTENSITIES
EVOLUTION by Micro-Active Australia Pty Ltd 11:55:28 AM July 12, 2006

010718

Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 11:49:08 AM July 12, 2006

	K_766	Sc	Sc361
# 1	35.0	3633.0	3633.0
# 2	37.0	3621.0	3621.0
Mean	36.0	3627.0	3627.0
SD	1.4	8.5	8.5
%RSD	3.9	0.2	0.2

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 11:49:08 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.2120	3633.000 H	100.2211
# 2	0.2432	3621.000	99.8895
Mean	0.2276	3627.000 H	100.0553
SD	0.0220	8.485	0.2345
%RSD	9.6733	0.234	0.2343

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :
Report name CRDL Value
K_766 0.250 0.228
Sc361 0.000 100.055
BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282124 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:52:44 AM July 12, 2006

	K_766	Sc	Sc361
# 1	46.5	3665.0	3665.0
# 2	39.5	3612.0	3612.0
Mean	43.0	3638.5	3638.5
SD	4.9	37.5	37.5
%RSD	11.5	1.0	1.0

APPARENT CONCENTRATIONS
Identity 1 : 282124 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:52:44 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.3748	3665.000 H	101.1053
# 2	0.2814	3612.000	99.6408
Mean	0.3281	3638.500 H	100.3730
SD	0.0660	37.477	1.0356
%RSD	20.1205	1.030	1.0317

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BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282125 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:55:18 AM July 12, 2006

	K_766	Sc	Sc361
# 1	65.0	3715.0	3715.0
# 2	65.0	3689.0	3689.0
Mean	65.0	3702.0	3702.0

EVOLUTION by Micro-Active Australia Pty Ltd 12:00:56 PM July 12, 2006

010719

SD	0.0	18.4	18.4
%RSD	0.0	0.5	0.5

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APPARENT CONCENTRATIONS
Identity 1 : 282125 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:55:18 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.6311	3715.000 H	102.4869
# 2	0.6376	3689.000 H	101.7684
Mean	0.6343	3702.000 H	102.1277
SD	0.0046	18.385	0.5080
%RSD	0.7326	0.497	0.4974

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282126 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:57:54 AM July 12, 2006

	K_766	Sc	Sc361
# 1	43.5	3670.0	3670.0
# 2	58.5	3583.0	3583.0
Mean	51.0	3626.5	3626.5
SD	10.6	61.5	61.5
%RSD	20.8	1.7	1.7

7/12/06

APPARENT CONCENTRATIONS
Identity 1 : 282126 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 11:57:54 AM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.3303	3670.000 H	101.2434
# 2	0.5687	3583.000	98.8395
Mean	0.4495	3626.500 H	100.0414
SD	0.1686	61.518	1.6999
%RSD	37.5084	1.696	1.6992

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282127 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:00:30 PM July 12, 2006

	K_766	Sc	Sc361
# 1	65.0	3653.5	3653.5
# 2	51.0	3630.5	3630.5
Mean	58.0	3642.0	3642.0
SD	9.9	16.3	16.3
%RSD	17.1	0.4	0.4

7/12/06

APPARENT CONCENTRATIONS
Identity 1 : 282127 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:00:30 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm

# 2	0.4473	3630.500	H	100.1520
Mean	0.5470	3642.000	H	100.4697
SD	0.1411	16.263		0.4494

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%RSD	25.7892	0.447	0.4473

010720

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282128 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:03:08 PM July 12, 2006

	K_766	Sc	Sc361
# 1	50.5	3712.0	3712.0
# 2	59.5	3664.0	3664.0
Mean	55.0	3688.0	3688.0
SD	6.4	33.9	33.9
%RSD	11.6	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : 282128 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:03:08 PM July 12, 2006

	K_766	Sc		Sc361
	ppm			ppm
# 1	0.4236	3712.000	H	102.4040
# 2	0.5640	3664.000	H	101.0776
Mean	0.4938	3688.000	H	101.7408
SD	0.0993	33.941		0.9379
%RSD	20.1035	0.920		0.9218

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282129 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:05:46 PM July 12, 2006

	K_766	Sc	Sc361
# 1	56.0	3655.5	3655.5
# 2	49.0	3615.5	3615.5
Mean	52.5	3635.5	3635.5
SD	4.9	28.3	28.3
%RSD	9.4	0.8	0.8

APPARENT CONCENTRATIONS
Identity 1 : 282129 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:05:46 PM July 12, 2006

	K_766	Sc		Sc361
	ppm			ppm
# 1	0.5150	3655.500	H	100.8428
# 2	0.4209	3615.500		99.7375
Mean	0.4680	3635.500	H	100.2901
SD	0.0666	28.284		0.7815
%RSD	14.2262	0.778		0.7793

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282130 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:08:20 PM July 12, 2006

	K_766	Sc	Sc361
# 1	41.5	3628.5	3628.5
# 2	48.5	3604.5	3604.5

Mean	45.0	3616.5	3616.5
SD	4.9	17.0	17.0
%RSD	11.0	0.5	0.5

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010721

APPARENT CONCENTRATIONS
Identity 1 : 282130 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:08:20 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.3081	3628.500 H	100.0967
# 2	0.4157	3604.500	99.4335
Mean	0.3619	3616.500	99.7651
SD	0.0761	16.971	0.4689
%RSD	21.0136	0.469	0.4700

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282131 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:10:56 PM July 12, 2006

	K_766	Sc	Sc361
# 1	66.0	3590.0	3590.0
# 2	67.0	3588.0	3588.0
Mean	66.5	3589.0	3589.0
SD	0.7	1.4	1.4
%RSD	1.1	0.0	0.0

APPARENT CONCENTRATIONS
Identity 1 : 282131 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:10:56 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.6784	3590.000	99.0329
# 2	0.6938	3588.000	98.9776
Mean	0.6861	3589.000	99.0053
SD	0.0109	1.414	0.0391
%RSD	1.5871	0.039	0.0395

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282132 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:13:30 PM July 12, 2006

	K_766	Sc	Sc361
# 1	60.0	3625.0	3625.0
# 2	67.0	3582.0	3582.0
Mean	63.5	3603.5	3603.5
SD	4.9	30.4	30.4
%RSD	7.8	0.8	0.8

APPARENT CONCENTRATIONS
Identity 1 : 282132 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:13:32 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.5807	3625.000	100.0000
# 2	0.6954	3582.000	98.8118

SD	0.0811	30.406	0.8402
%RSD	12.7147	0.844	0.8452

BACKGROUND CORRECTED INTENSITIES
EVOLUTION by Micro-Active Australia Pty Ltd 12:22:26 PM July 12, 2006

010722

Identity 1 : 282133 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:16:06 PM July 12, 2006

	K_766	Sc	Sc361
# 1	75.0	3600.0	3600.0
# 2	60.0	3594.0	3594.0
Mean	67.5	3597.0	3597.0
SD	10.6	4.2	4.2
%RSD	15.7	0.1	0.1

APPARENT CONCENTRATIONS
Identity 1 : 282133 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:16:06 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.8089	3600.000	99.3092
# 2	0.5883	3594.000	99.1434
Mean	0.6986	3597.000	99.2263
SD	0.1560	4.243	0.1172
%RSD	22.3256	0.118	0.1181

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 12:18:42 PM July 12, 2006

	K_766	Sc	Sc361
# 1	1360.0	3554.0	3554.0
# 2	1365.0	3511.0	3511.0
Mean	1362.5	3532.5	3532.5
SD	3.5	30.4	30.4
%RSD	0.3	0.9	0.9

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 12:18:42 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	20.0918	3554.000	98.0381
# 2	20.4174	3511.000	96.8500
Mean	20.2546	3532.500	97.4440
SD	0.2303	30.406	0.8402
%RSD	1.1369	0.861	0.8622

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.255	22.000

BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 12:22:16 PM July 12, 2006

	K_766	Sc	Sc361

# 1	45.0	3621.5	3621.5
# 2	33.0	3623.5	3623.5
Mean	39.0	3622.5	3622.5
SD	8.5	1.4	1.4

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%RSD	21.8	0.0	0.0

APPARENT CONCENTRATIONS

010723

Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 12:22:16 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.3608	3621.500	99.9033
# 2	0.1840	3623.500	99.9586
Mean	0.2724	3622.500	99.9309
SD	0.1251	1.414	0.0391
%RSD	45.9095	0.039	0.0391

Checking calibration blank ...
Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	0.272	Contaminated
Sc361	0.000	99.931	

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282134 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:25:52 PM July 12, 2006

	K_766	Sc	Sc361
# 1	54.5	3664.0	3664.0
# 2	56.5	3641.0	3641.0
Mean	55.5	3652.5	3652.5
SD	1.4	16.3	16.3
%RSD	2.5	0.4	0.4

APPARENT CONCENTRATIONS
Identity 1 : 282134 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:25:52 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.4913	3664.000 H	101.0776
# 2	0.5256	3641.000 H	100.4421
Mean	0.5085	3652.500 H	100.7599
SD	0.0242	16.263	0.4494
%RSD	4.7674	0.445	0.4460

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282135 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:28:28 PM July 12, 2006

	K_766	Sc	Sc361
# 1	56.0	3646.0	3646.0
# 2	51.0	3641.0	3641.0
Mean	53.5	3643.5	3643.5
SD	3.5	3.5	3.5
%RSD	6.6	0.1	0.1

APPARENT CONCENTRATIONS

Identity 1 : 282135 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:28:28 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
EVOLUTION by Micro-Active Australia Pty Ltd 12:36:26 PM July 12, 2006			
# 1	0.5172	3646.000 H	100.5803
# 2	0.4451	3641.000 H	100.4421
Mean	0.4811	3643.500 H	100.5112
SD	0.0510	3.536	0.0977
%RSD	10.5905	0.097	0.0972

7/12/06

010724

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282136 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:31:02 PM July 12, 2006

	K_766	Sc	Sc361
# 1	71.5	3630.0	3630.0
# 2	74.5	3589.0	3589.0
Mean	73.0	3609.5	3609.5
SD	2.1	29.0	29.0
%RSD	2.9	0.8	0.8

APPARENT CONCENTRATIONS
Identity 1 : 282136 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:31:04 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.7483	3630.000 H	100.1382
# 2	0.8049	3589.000	99.0053
Mean	0.7766	3609.500	99.5717
SD	0.0400	28.991	0.8011
%RSD	5.1479	0.803	0.8045

BACKGROUND CORRECTED INTENSITIES
Identity 1 : 282137 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:33:38 PM July 12, 2006

	K_766	Sc	Sc361
# 1	63.0	3648.5	3648.5
# 2	71.0	3592.5	3592.5
Mean	67.0	3620.5	3620.5
SD	5.7	39.6	39.6
%RSD	8.4	1.1	1.1

APPARENT CONCENTRATIONS
Identity 1 : 282137 Identity 2 : Type : SAMPLE
Weight : 1.0000 Volume : 1.00 Printed : 12:33:38 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.6188	3648.500 H	100.6494
# 2	0.7519	3592.500	99.1020
Mean	0.6853	3620.500	99.8757
SD	0.0941	39.598	1.0942
%RSD	13.7242	1.094	1.0955

BACKGROUND CORRECTED INTENSITIES
Identity 1 : CRI Identity 2 : Type : CV

Weight : 1.0000 Volume : 1.00 Printed : 12:36:14 PM July 12, 2006

	K_766	Sc	Sc361
# 1	33.0	3639.0	3639.0
# 2	19.0	3584.0	3584.0

EVOLUTION by Micro-Active Australia Pty Ltd 12:41:28 PM July 12, 2006

Mean	26.0	3611.5	3611.5
SD	9.9	38.9	38.9
%RSD	38.1	1.1	1.1

010725

APPARENT CONCENTRATIONS
Identity 1 : CRI Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 12:36:14 PM July 12, 2006

		K_766 ppm	Sc	Sc361 ppm
# 1		0.1819	3639.000 H	100.3868
# 2	L	-0.0189	3584.000	98.8671
Mean		0.0815	3611.500	99.6270
SD		0.1420	38.891	1.0746
%RSD		174.1332	1.077	1.0787

Checking calibration verification ...
Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit	
K_766	0.900	0.082	1.100	Failed

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 12:38:48 PM July 12, 2006

	K_766	Sc	Sc361
# 1	28.5	3434.0	3434.0
# 2	35.5	3410.0	3410.0
Mean	32.0	3422.0	3422.0
SD	4.9	17.0	17.0
%RSD	15.5	0.5	0.5

APPARENT CONCENTRATIONS
Identity 1 : ICSA Identity 2 : Type : INTRF
Weight : 1.0000 Volume : 1.00 Printed : 12:38:48 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	0.1409	3434.000	94.7223
# 2	0.2534	3410.000	94.0591
Mean	0.1972	3422.000	94.3907
SD	0.0796	16.971	0.4689
%RSD	40.3494	0.496	0.4968

BACKGROUND CORRECTED INTENSITIES
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 12:41:26 PM July 12, 2006

	K_766	Sc	Sc361
# 1	32.0	3465.5	3465.5
# 2	55.0	3416.5	3416.5
Mean	43.5	3441.0	3441.0
SD	16.3	34.6	34.6
%RSD	37.4	1.0	1.0

APPARENT CONCENTRATIONS
Identity 1 : ICSAB Identity 2 : Type : ICSAB
Weight : 1.0000 Volume : 1.00 Printed : 12:41:26 PM July 12, 2006

EVOLUTION by Micro-Active Australia Pty Ltd 12:46:58 PM July 12, 2006

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	K_766 ppm	Sc	Sc361 ppm
# 1	0.1907	3465.500	95.5927
# 2	0.5565	3416.500	94.2387
Mean	0.3736	3441.000	94.9157
SD	0.2587	34.648	0.9574
%RSD	69.2334	1.007	1.0087

Checking interference check standard ...
Identity 1 : ICSAB Identity 2 :
Report name Low limit Value High limit
K_766 0.000 0.374 0.000 Failed
BACKGROUND CORRECTED INTENSITIES
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 12:44:06 PM July 12, 2006

	K_766	Sc	Sc361
# 1	1411.5	3617.5	3617.5
# 2	1377.5	3546.5	3546.5
Mean	1394.5	3582.0	3582.0
SD	24.0	50.2	50.2
%RSD	1.7	1.4	1.4

APPARENT CONCENTRATIONS
Identity 1 : CLP_CCV_SC Identity 2 : Type : CV
Weight : 1.0000 Volume : 1.00 Printed : 12:44:06 PM July 12, 2006

	K_766 ppm	Sc	Sc361 ppm
# 1	20.4925	3617.500	99.7928
# 2	20.3978	3546.500	97.8309
Mean	20.4452	3582.000	98.8118
SD	0.0669	50.205	1.3873
%RSD	0.3272	1.402	1.4039

Checking calibration verification ...
Identity 1 : CLP_CCV_SC Identity 2 :
Report name Low limit Value High limit
K_766 18.000 20.445 22.000
BACKGROUND CORRECTED INTENSITIES
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 12:46:40 PM July 12, 2006

	K_766	Sc	Sc361
# 1	42.5	3634.0	3634.0
# 2	36.5	3553.0	3553.0
Mean	39.5	3593.5	3593.5
SD	4.2	57.3	57.3
%RSD	10.7	1.6	1.6

APPARENT CONCENTRATIONS
Identity 1 : Calibration blank Identity 2 : Type : CB
Weight : 1.0000 Volume : 1.00 Printed : 12:46:40 PM July 12, 2006

	K_766	Sc	Sc361
	ppm		ppm
# 1	0.3219	3634.000 H	100.2487
# 2	0.2461	3553.000	98.0105

EVOLUTION by Micro-Active Australia Pty Ltd 12:57:28 PM July 12, 2006

010727

Mean	0.2840	3593.500	99.1296
SD	0.0536	57.276	1.5826
%RSD	18.8702	1.594	1.5965

Checking calibration blank ...

Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	0.284	Contaminated
Sc361	0.000	99.130	