

Instrument Tuning Report

File Name: 110503.tun

File Path: D:\ELAN\Elan\data03Sept\TUNING\2003\November

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
Be	9.012	8.977	2045	2040	0.716	
Mg	23.985	23.979	5698	2020	0.721	
Rh	102.905	102.879	24965	1965	0.728	
Ce	139.905	139.879	33963	2025	0.730	
Pb	207.977	207.978	50416	2270	0.754	
U	238.050	238.024	57622	2435	0.770	

0149

Report Date/Time: Wednesday, November 05, 2003 09:48:11

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ELAN Instrument Control Session

File Edit Analysis Options Window Help

Data Only Method - c:\elandata\Method\ATL Methods 030317\ATL-TUNING250.mth

Timing Processing Equation Calibration Tuning Sampling

Sweeps / Reading: 35 Est. Reading Time: 0:00:28.175
 Readings / Replicate: 1 Est. Replicate Time: 0:00:28.175
 Replicates: 6 Est. Sample Time: 0:02:49.050

Tuning File: default.tun Select
 Optimization File: default.dac Select ☐ Enable Short

	Analyte (#)	Begin Mass (amu)	End Mass (amu)	Scan Mode (#)	MCA Channels	Dwell Time per AMU (ms)	Int Time
1		5	10	Scanning	20	20	2210
2		22	26	Scanning	20	20	3500
3		102	104	Scanning	20	20	2100
4		139	141	Scanning	20	20	2100
5		206	209	Scanning	20	20	2500

Tuning - D:\ELAN\elandata03Sept\TUNING\2003\November\110503.tun

☒ Tune Mass Spec ☐ Peak Width Only

Peak Search Window (amu): 1 Resolution DAC: 2040 for Analyte

	Analyte	Mass (amu)	Measured Mass (amu)	Mass Calibration DAC Value	Resolution DAC Value	Meas Width
1	Be	9.0122	8.977	2045	2040	7.8
2	Mg	23.985	23.9787	5698	2020	21
3	Rh	102.905	102.879	24965	1965	6
4	Ce	139.905	139.879	33963	2025	17
5	Pb	207.977	207.978	50416	2270	
6	U	238.05	238.024	57622	2435	

Daily Performance Report

Sample ID: 110503-daily

Sample Date/Time: Wednesday, November 05, 2003 09:48:41

Sample Description:

Method File: c:\elandata\Method\Daily.mth

Dataset File: d:\elan\elandata03sept\daily performance\2003\november\110503-daily.002

Tuning File: c:\elandata\Tuning\default.tun

Optimization File: c:\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 35

Current Dead Time (ns): 35

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
Mg	24.0	40406.1	40406.081	1042.389	2.6
Rh	102.9	207802.5	207802.454	302.755	0.1
In	114.9	265952.7	265952.736	5351.347	2.0
Pb	208.0	158265.5	158265.495	2903.462	1.8
[> Ba	137.9	221410.1	221410.132	1895.886	0.9
[Ba++	69.0	3404.4	0.015	0.000	0.8
[> Ce	139.9	257212.9	257212.887	7.199	0.0
[CeO	155.9	7349.0	0.029	0.000	0.3
Bkgd	220.0	7.5	7.500	3.536	47.1

Current Optimization File Data

Current Value	Description
0.84	Nebulizer Gas Flow
10.00	Lens Voltage
1100.00	ICP RF Power
-1925.00	Analog Stage Voltage
1925.00	Pulse Stage Voltage
85.00	Discriminator Threshold
-1.50	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	9	9.0	6983.7
Co	59	9	10.0	94863.9
In	115	9	11.5	192753.7

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Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:07:02

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\Blank.001

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: Blank

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7		90829	2.6		ug/L	%
Ge	72		129518	0.6		ug/L	%
[> Sc-1	45		616968	0.7		ug/L	%
[Cr	52		9272	4.2		ug/L	%
In	115		1301215	0.7		ug/L	%
Tb	159		1575022	1.1		ug/L	%
Sc	45		616968	0.7		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:09:31

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\Standard 1.002

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: Standard 1

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	87683	1.5		ug/L	%
Ge	72	129518	129380	0.8		ug/L	%
[> Sc-1	45	616968	611825	0.7		ug/L	%
[Cr	52	9272	14950	0.9	0.500	0.019 ug/L	3.9 %
In	115	1301215	1319168	0.4		ug/L	%
Tb	159	1575022	1565698	0.8		ug/L	%
Sc	45	616968	611825	0.7		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:12:15

Dataset File: D:\ELAN\Elan\data03Sept\Dataset\2003\November\110503\Standard 2.003

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: Standard 2

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	86402	1.6		ug/L	%
Ge	72	129518	127004	0.5		ug/L	%
[> Sc-1	45	616968	609610	0.9		ug/L	%
[Cr	52	9272	54673	0.7	4.987	0.019 ug/L	0.4 %
In	115	1301215	1291222	0.8		ug/L	%
Tb	159	1575022	1542319	0.4		ug/L	%
Sc	45	616968	609610	0.9		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:15:01

Dataset File: D:\ELAN\ELandata03Sept\Dataset\2003\November\110503\Standard 3.004

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: Standard 3

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	87953	1.6		ug/L	%
Ge	72	129518	126333	0.8		ug/L	%
[> Sc-1	45	616968	600657	0.4		ug/L	%
[Cr	52	9272	97728	0.9	9.972	0.068 ug/L	0.7 %
In	115	1301215	1267321	1.0		ug/L	%
Tb	159	1575022	1524276	0.4		ug/L	%
Sc	45	616968	600657	0.4		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:17:48

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\Standard 4.005

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

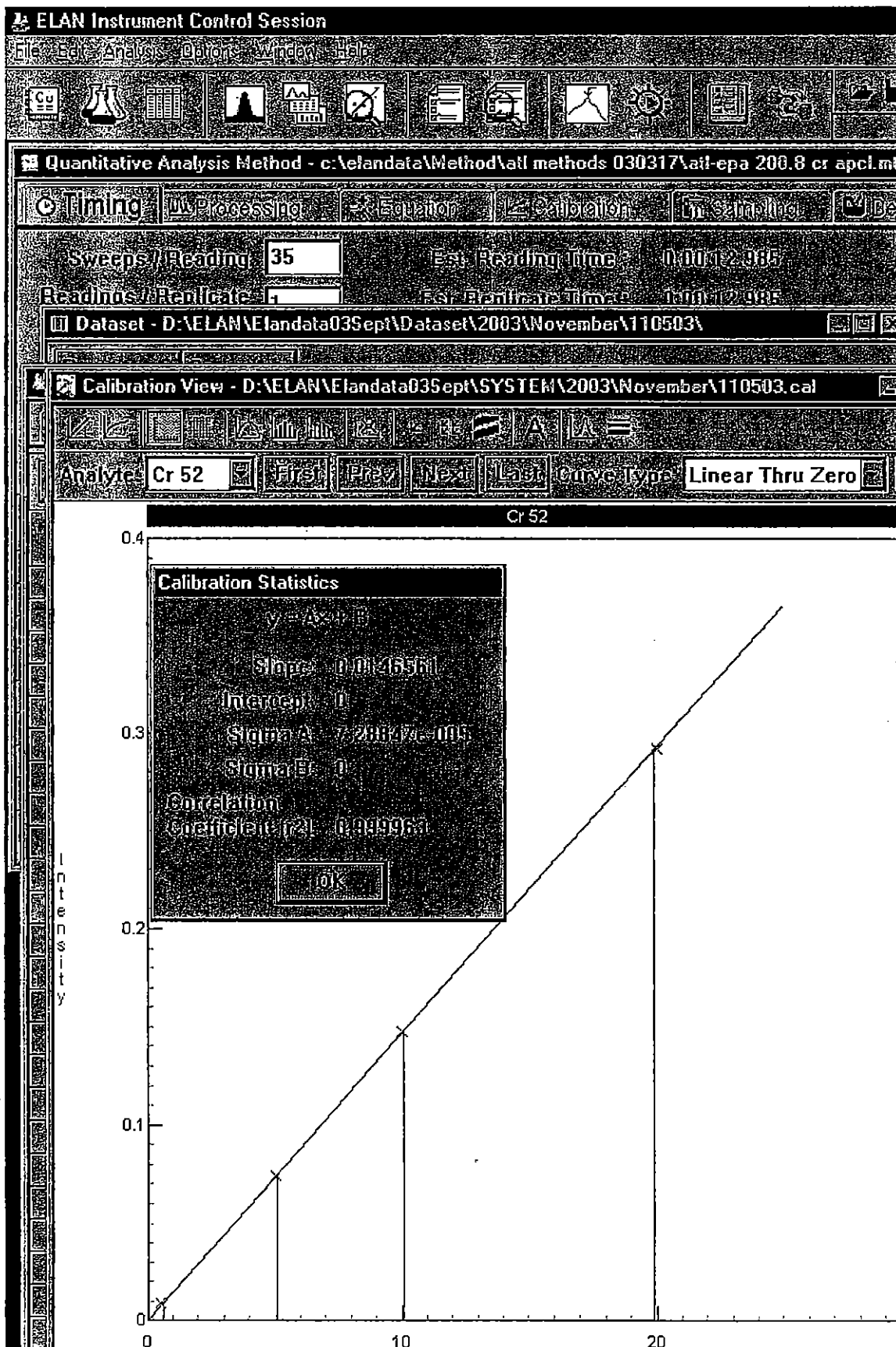
Sample ID: Standard 4

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	90115	1.0		ug/L	%
Ge	72	129518	127667	0.7		ug/L	%
[> Sc-1	45	616968	604749	1.0		ug/L	%
[Cr	52	9272	185764	0.5	19.935	0.247 ug/L	1.2 %
In	115	1301215	1280189	0.8		ug/L	%
Tb	159	1575022	1522969	0.7		ug/L	%
Sc	45	616968	604749	1.0		ug/L	%

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Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:20:36

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\ICV.006

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: ICV

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	88787	1.4		ug/L	%
Ge	72	129518	126153	0.4		ug/L	%
[> Sc-1	45	616968	597446	1.0		ug/L	%
[Cr	52	9272	97561	1.4	10.117	0.152 ug/L	1.5 %
In	115	1301215	1252997	0.4		ug/L	%
Tb	159	1575022	1507170	0.3		ug/L	%
Sc	45	616968	597446	1.0		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:23:07

Dataset File: D:\ELAN\Elan\data03Sept\Dataset\2003\November\110503\ICB.007

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: ICB

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	89323	1.1		ug/L	%
Ge	72	129518	126458	1.4		ug/L	%
[> Sc-1	45	616968	598152	0.9		ug/L	%
[Cr	52	9272	10653	2.0	0.190	0.030 ug/L	16.0 %
In	115	1301215	1255560	1.3		ug/L	%
Tb	159	1575022	1503616	1.5		ug/L	%
Sc	45	616968	598152	0.9		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:33:21

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\MB-.008

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: MB- 132298 NS n/6/03

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	94392	1.8		ug/L	%
Ge	72	129518	126143	0.7		ug/L	%
[> Sc-1	45	616968	599392	0.7		ug/L	%
[Cr	52	9272	8949	3.8	-0.007	0.037 ug/L	551.0 %
In	115	1301215	1250621	0.2		ug/L	%
Tb	159	1575022	1485232	0.9		ug/L	%
Sc	45	616968	599392	0.7		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:35:50

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\LCS-.009

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: LCS- R32298 105 116103

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	92359	1.6		ug/L	%
Ge	72	129518	125177	1.7		ug/L	%
[> Sc-1	45	616968	592170	0.1		ug/L	%
[Cr	52	9272	96976	0.4	10.148	0.047 ug/L	0.5 %
In	115	1301215	1242829	0.9		ug/L	%
Tb	159	1575022	1479130	0.4		ug/L	%
Sc	45	616968	592170	0.1		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:38:18

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-022A.010

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-022A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	91560	0.5		ug/L	%
Ge	72	129518	130161	0.6		ug/L	%
[> Sc-1	45	616968	731816	0.5		ug/L	%
[Cr	52	9272	50944	1.5	3.725	0.083 ug/L	2.2 %
In	115	1301215	1276929	0.7		ug/L	%
Tb	159	1575022	1497742	1.4		ug/L	%
Sc	45	616968	731816	0.5		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:40:47

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-023A.011

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-023A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	87931	1.7		ug/L	%
Ge	72	129518	134188	0.7		ug/L	%
Sc-1	45	616968	683398	0.2		ug/L	%
Cr	52	9272	36769	1.6	2.646	0.061 ug/L	2.3 %
In	115	1301215	1350676	1.1		ug/L	%
Tb	159	1575022	1575628	0.7		ug/L	%
Sc	45	616968	683398	0.2		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:43:17

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\065632-024A.012

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-024A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	81002	0.8		ug/L	%
Ge	72	129518	132122	0.3		ug/L	%
[> Sc-1	45	616968	639785	0.2		ug/L	%
[Cr	52	9272	62581	0.6	5.649	0.037 ug/L	0.7 %
In	115	1301215	1311992	0.7		ug/L	%
Tb	159	1575022	1527947	0.7		ug/L	%
Sc	45	616968	639785	0.2		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:45:47

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-025A.013

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-025A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	79716	1.1		ug/L	%
Ge	72	129518	129600	1.1		ug/L	%
[> Sc-1	45	616968	602984	0.4		ug/L	%
[Cr	52	9272	5324	1.6	-0.423	0.012 ug/L	2.8 %
In	115	1301215	1319972	1.6		ug/L	%
Tb	159	1575022	1527863	1.2		ug/L	%
Sc	45	616968	602984	0.4		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:48:17

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-026A.014

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-026A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	86996	1.5		ug/L	%
Ge	72	129518	131451	1.1		ug/L	%
[> Sc-1	45	616968	680554	1.0		ug/L	%
[Cr	52	9272	46847	2.1	3.671	0.085 ug/L	2.3 %
In	115	1301215	1313347	0.7		ug/L	%
Tb	159	1575022	1510522	1.2		ug/L	%
Sc	45	616968	680554	1.0		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:50:48

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\065632-027A.015

Method File: c:\elandata\Method\atl-methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-027A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	84895	1.7		ug/L	%
Ge	72	129518	129911	1.0		ug/L	%
[> Sc-1	45	616968	647646	0.8		ug/L	%
[Cr	52	9272	20934	2.4	1.180	0.054 ug/L	4.6 %
In	115	1301215	1280582	1.6		ug/L	%
Tb	159	1575022	1508166	0.7		ug/L	%
Sc	45	616968	647646	0.8		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:53:19

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\065632-028A.016

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-028A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	86095	1.1		ug/L	%
Ge	72	129518	129939	0.5		ug/L	%
[> Sc-1	45	616968	648113	1.0		ug/L	%
[Cr	52	9272	20154	1.0	1.096	0.016 ug/L	1.4 %
In	115	1301215	1274055	1.1		ug/L	%
Tb	159	1575022	1489935	0.9		ug/L	%
Sc	45	616968	648113	1.0		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:55:51

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-029A.017

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-029A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	85392	0.7		ug/L	%
Ge	72	129518	127140	0.7		ug/L	%
[> Sc-1	45	616968	658274	0.4		ug/L	%
[Cr	52	9272	26750	1.2	1.747	0.029 ug/L	1.7 %
In	115	1301215	1247932	0.8		ug/L	%
Tb	159	1575022	1449353	0.9		ug/L	%
Sc	45	616968	658274	0.4		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 10:58:24

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\CCV.018

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCV

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	86337	1.5		ug/L	%
Ge	72	129518	123009	0.6		ug/L	%
[> Sc-1	45	616968	592803	1.0		ug/L	%
[Cr	52	9272	95430	1.4	9.958	0.069 ug/L	0.7 %
In	115	1301215	1239248	0.1		ug/L	%
Tb	159	1575022	1450769	2.1		ug/L	%
Sc	45	616968	592803	1.0		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:00:59

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\CCB.019

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCB

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	88721	1.0		ug/L	%
Ge	72	129518	126850	1.2		ug/L	%
[> Sc-1	45	616968	608553	1.2		ug/L	%
[Cr	52	9272	10137	3.2	0.111	0.022 ug/L	20.1 %
In	115	1301215	1286521	2.3		ug/L	%
Tb	159	1575022	1513660	0.7		ug/L	%
Sc	45	616968	608553	1.2		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:03:33

Dataset File: D:\ELAN\elandata03Sept\Dataset\2003\November\110503\065632-030A.020

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-030A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	90717	2.1		ug/L	%
Ge	72	129518	134703	0.1		ug/L	%
[> Sc-1	45	616968	728899	0.8		ug/L	%
[Cr	52	9272	40104	1.6	2.729	0.075 ug/L	2.8 %
In	115	1301215	1354306	0.3		ug/L	%
Tb	159	1575022	1570220	1.3		ug/L	%
Sc	45	616968	728899	0.8		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:06:05

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-030ADUP.021

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-030ADUP

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	89041	2.9		ug/L	%
Ge	72	129518	135181	0.8		ug/L	%
[> Sc-1	45	616968	727530	0.8		ug/L	%
[Cr	52	9272	39923	0.9	2.719	0.022 ug/L	0.8 %
In	115	1301215	1358746	1.4		ug/L	%
Tb	159	1575022	1581064	1.0		ug/L	%
Sc	45	616968	727530	0.8		ug/L	%

0173

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:08:39

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\065632-031A.022

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-031A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	84623	3.6		ug/L	%
Ge	72	129518	134298	0.9		ug/L	%
[> Sc-1	45	616968	718173	1.8		ug/L	%
[Cr	52	9272	52919	2.9	4.002	0.073 ug/L	1.8 %
In	115	1301215	1380530	0.8		ug/L	%
Tb	159	1575022	1609465	0.8		ug/L	%
Sc	45	616968	718173	1.8		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:11:13

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-032A.023

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-032A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	79815	1.0		ug/L	%
Ge	72	129518	131160	0.3		ug/L	%
[> Sc-1	45	616968	617206	1.1		ug/L	%
[Cr	52	9272	5253	1.5	-0.445	0.013 ug/L	3.0 %
In	115	1301215	1365041	1.1		ug/L	%
Tb	159	1575022	1592384	0.6		ug/L	%
Sc	45	616968	617206	1.1		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:13:47

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-033A.024

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-033A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	81289	2.3		ug/L	%
Ge	72	129518	132277	0.5		ug/L	%
[> Sc-1	45	616968	676536	1.0		ug/L	%
[Cr	52	9272	20157	2.6	1.008	0.072 ug/L	7.2 %
In	115	1301215	1338423	0.5		ug/L	%
Tb	159	1575022	1581062	0.5		ug/L	%
Sc	45	616968	676536	1.0		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:16:18

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\065632-034A.025

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-034A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	81485	1.1		ug/L	%
Ge	72	129518	133252	0.4		ug/L	%
[> Sc-1	45	616968	703381	0.3		ug/L	%
[Cr	52	9272	37771	0.5	2.639	0.028 ug/L	1.1 %
In	115	1301215	1369873	1.1		ug/L	%
Tb	159	1575022	1591496	0.5		ug/L	%
Sc	45	616968	703381	0.3		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:18:45

Dataset File: D:\ELAN\Elan\data03Sept\Dataset\2003\November\110503\065632-035A.026

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-035A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	78210	0.4		ug/L	%
Ge	72	129518	132671	0.5		ug/L	%
[> Sc-1	45	616968	701369	1.0		ug/L	%
[Cr	52	9272	71253	0.6	5.907	0.027 ug/L	0.5 %
In	115	1301215	1385400	1.0		ug/L	%
Tb	159	1575022	1609337	0.3		ug/L	%
Sc	45	616968	701369	1.0		ug/L	%

0178

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:21:13

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\065632-036A.027

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-036A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	78693	2.3		ug/L	%
Ge	72	129518	130620	2.0		ug/L	%
[> Sc-1	45	616968	685837	1.1		ug/L	%
[Cr	52	9272	29767	2.8	1.936	0.051	2.7 %
In	115	1301215	1377754	0.7		ug/L	%
Tb	159	1575022	1587896	0.7		ug/L	%
Sc	45	616968	685837	1.1		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:23:41

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\065632-036ADUP.028

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-036ADUP

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	78821	3.2		ug/L	%
Ge	72	129518	129400	0.9		ug/L	%
[> Sc-1	45	616968	683325	1.1		ug/L	%
[Cr	52	9272	30325	1.4	2.003	0.018 ug/L	0.9 %
In	115	1301215	1364321	0.4		ug/L	%
Tb	159	1575022	1596214	1.2		ug/L	%
Sc	45	616968	683325	1.1		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:26:10

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\065632-037A.029

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apci.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-037A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	78221	1.9		ug/L	%
Ge	72	129518	128133	0.9		ug/L	%
[> Sc-1	45	616968	706797	0.8		ug/L	%
[Cr	52	9272	25954	2.5	1.480	0.043 ug/L	2.9 %
In	115	1301215	1365433	0.8		ug/L	%
Tb	159	1575022	1576013	0.8		ug/L	%
Sc	45	616968	706797	0.8		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:28:42

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\CCV.030

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCV

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	82331	0.8		ug/L	%
Ge	72	129518	123134	0.5		ug/L	%
[> Sc-1	45	616968	600320	0.9		ug/L	%
[Cr	52	9272	99547	0.7	10.289	0.022 ug/L	0.2 %
In	115	1301215	1296964	0.2		ug/L	%
Tb	159	1575022	1532159	0.8		ug/L	%
Sc	45	616968	600320	0.9		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:31:16

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\CCB.031

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCB

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	79142	0.3		ug/L	%
Ge	72	129518	122900	0.7		ug/L	%
[> Sc-1	45	616968	592369	0.5		ug/L	%
[Cr	52	9272	11597	2.2	0.310	0.028 ug/L	9.0 %
In	115	1301215	1286368	0.2		ug/L	%
Tb	159	1575022	1523237	0.4		ug/L	%
Sc	45	616968	592369	0.5		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:33:48

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-038A.032

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-038A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	74052	0.6		ug/L	%
Ge	72	129518	126742	0.4		ug/L	%
[> Sc-1	45	616968	590014	0.4		ug/L	%
[Cr	52	9272	5175	0.4	-0.427	0.000 ug/L	0.1 %
In	115	1301215	1344096	0.6		ug/L	%
Tb	159	1575022	1581997	0.5		ug/L	%
Sc	45	616968	590014	0.4		ug/L	%

0184

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:36:18

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\065632-039A.033

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-039A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	84164	2.1		ug/L	%
Ge	72	129518	129191	0.9		ug/L	%
[> Sc-1	45	616968	666103	0.9		ug/L	%
[Cr	52	9272	27816	1.1	1.824	0.037 ug/L	2.0 %
In	115	1301215	1342216	0.9		ug/L	%
Tb	159	1575022	1585223	0.5		ug/L	%
Sc	45	616968	666103	0.9		ug/L	%

0185

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:38:48

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-040A.034

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-040A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	75596	2.9		ug/L	%
Ge	72	129518	128026	0.3		ug/L	%
[> Sc-1	45	616968	699993	0.9		ug/L	%
[Cr	52	9272	34678	1.3	2.355	0.015 ug/L	0.7 %
In	115	1301215	1340919	0.9		ug/L	%
Tb	159	1575022	1573752	1.0		ug/L	%
Sc	45	616968	699993	0.9		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:41:19

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-036AMS.035

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-036AMS

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	75591	1.1		ug/L	%
Ge	72	129518	128599	0.3		ug/L	%
[> Sc-1	45	616968	679354	0.6		ug/L	%
[Cr	52	9272	116486	0.7	10.674	0.125 ug/L	1.2 %
In	115	1301215	1368585	0.4		ug/L	%
Tb	159	1575022	1601954	0.7		ug/L	%
Sc	45	616968	679354	0.6		ug/L	%

0187

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:43:50

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-036AMSD.036

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-036AMSD

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	74650	2.0		ug/L	%
Ge	72	129518	128766	0.9		ug/L	%
[> Sc-1	45	616968	680684	0.7		ug/L	%
[Cr	52	9272	116158	0.9	10.618	0.056 ug/L	0.5 %
In	115	1301215	1374537	0.6		ug/L	%
Tb	159	1575022	1596138	0.1		ug/L	%
Sc	45	616968	680684	0.7		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:48:30

Dataset File: D:\ELAN\Elan\data03Sept\Dataset\2003\November\110503\CCV.037

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCV

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	73635	1.6		ug/L	%
Ge	72	129518	121023	1.4		ug/L	%
[> Sc-1	45	616968	582805	0.5		ug/L	%
[Cr	52	9272	101876	4.0	10.901	0.464 ug/L	4.3 %
In	115	1301215	1299427	0.5		ug/L	%
Tb	159	1575022	1546685	1.2		ug/L	%
Sc	45	616968	582805	0.5		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:51:05

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\CCB.038

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCB

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	74558	1.7		ug/L	%
Ge	72	129518	121548	0.3		ug/L	%
Sc-1	45	616968	592230	0.2		ug/L	%
Cr	52	9272	12739	1.8	0.442	0.028 ug/L	6.3 %
In	115	1301215	1298629	0.4		ug/L	%
Tb	159	1575022	1563758	0.6		ug/L	%
Sc	45	616968	592230	0.2		ug/L	%

0190

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:53:38

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\MB-.039

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: MB- 232300 NS 11/6/03

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	72624	2.0		ug/L	%
Ge	72	129518	120737	0.4		ug/L	%
[> Sc-1	45	616968	583924	1.2		ug/L	%
[Cr	52	9272	12720	2.5	0.461	0.054 ug/L	11.7 %
In	115	1301215	1282609	1.2		ug/L	%
Tb	159	1575022	1532643	1.5		ug/L	%
Sc	45	616968	583924	1.2		ug/L	%

0191

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:56:10

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\LCS-.040

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: LCS- 032300 NS 11/6/03

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	71883	1.0		ug/L	%
Ge	72	129518	119055	0.1		ug/L	%
[> Sc-1	45	616968	585152	0.3		ug/L	%
[Cr	52	9272	98495	0.9	10.460	0.101 ug/L	1.0 %
In	115	1301215	1275994	0.8		ug/L	%
Tb	159	1575022	1507929	1.6		ug/L	%
Sc	45	616968	585152	0.3		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 11:58:43

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-020A.041

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-020A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	67209	1.9		ug/L	%
Ge	72	129518	122900	0.9		ug/L	%
[> Sc-1	45	616968	625256	0.1		ug/L	%
[Cr	52	9272	31256	1.2	2.385	0.043 ug/L	1.8 %
In	115	1301215	1279923	0.7		ug/L	%
Tb	159	1575022	1493543	1.6		ug/L	%
Sc	45	616968	625256	0.1		ug/L	%

0193

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 12:01:16

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-042A.042

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-042A

Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
	Li	7	90829	74620	1.4		ug/L	%
	Ge	72	129518	122553	0.3		ug/L	%
[>	Sc-1	45	616968	722174	0.5		ug/L	%
L	Cr	52	9272	53031	1.1	3.985	0.048 ug/L	1.2 %
	In	115	1301215	1269760	0.8		ug/L	%
	Tb	159	1575022	1509959	0.3		ug/L	%
	Sc	45	616968	722174	0.5		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 12:03:50

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-043A.043

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-043A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	69768	2.4		ug/L	%
Ge	72	129518	125211	0.3		ug/L	%
[> Sc-1	45	616968	646113	0.5		ug/L	%
[Cr	52	9272	20594	1.5	1.150	0.037 ug/L	3.2 %
In	115	1301215	1307382	1.3		ug/L	%
Tb	159	1575022	1505830	0.4		ug/L	%
Sc	45	616968	646113	0.5		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 12:06:24

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-043ADUP.044

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-043ADUP

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	70145	1.2		ug/L	%
Ge	72	129518	125602	0.6		ug/L	%
Sc-1	45	616968	651581	0.6		ug/L	%
Cr	52	9272	19429	1.3	1.009	0.035 ug/L	3.5 %
In	115	1301215	1314627	0.5		ug/L	%
Tb	159	1575022	1512153	0.5		ug/L	%
Sc	45	616968	651581	0.6		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 12:08:54

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-043AMS.045

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-043AMS

Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
	Li	7	90829	69496	1.2		ug/L	%
	Ge	72	129518	125021	1.3		ug/L	%
[>	Sc-1	45	616968	647637	1.1		ug/L	%
[	Cr	52	9272	104425	1.8	9.976	0.104 ug/L	1.0 %
	In	115	1301215	1304011	1.3		ug/L	%
	Tb	159	1575022	1499980	0.4		ug/L	%
	Sc	45	616968	647637	1.1		ug/L	%

0197

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 12:11:21

Dataset File: D:\ELAN\Elan\data03Sept\Dataset\2003\November\110503\065632-043AMSD.046

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 or apl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-043AMSD

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	69556	1.5		ug/L	%
Ge	72	129518	123843	0.0		ug/L	%
[> Sc-1	45	616968	645697	1.4		ug/L	%
[Cr	52	9272	103876	0.9	9.952	0.137 ug/L	1.4 %
In	115	1301215	1289517	0.0		ug/L	%
Tb	159	1575022	1494669	0.9		ug/L	%
Sc	45	616968	645697	1.4		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 12:13:52

Dataset File: D:\ELAN\elandata03Sept\Dataset\2003\November\110503\CCV.047

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCV

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	67562	2.4		ug/L	%
Ge	72	129518	116941	1.5		ug/L	%
[> Sc-1	45	616968	557930	1.7		ug/L	%
[Cr	52	9272	93070	1.6	10.357	0.013 ug/L	0.1 %
In	115	1301215	1231420	1.2		ug/L	%
Tb	159	1575022	1446463	1.6		ug/L	%
Sc	45	616968	557930	1.7		ug/L	%

0199

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 12:16:26

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\CCB.048

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCB

Sample Type:

Summary

	Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
	Li	7	90829	68280	1.5		ug/L	%
	Ge	72	129518	117295	0.1		ug/L	%
[>	Sc-1	45	616968	563829	0.7		ug/L	%
[	Cr	52	9272	9492	1.7	0.123	0.028 ug/L	22.5 %
	In	115	1301215	1239307	0.4		ug/L	%
	Tb	159	1575022	1466025	0.5		ug/L	%
	Sc	45	616968	563829	0.7		ug/L	%

0200

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 13:18:45

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\CCV.069

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCV

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	75879	0.7		ug/L	%
Ge	72	129518	120944	0.4		ug/L	%
[> Sc-1	45	616968	585567	0.8		ug/L	%
[Cr	52	9272	97576	0.9	10.344	0.010 ug/L	0.1 %
In	115	1301215	1311206	0.6		ug/L	%
Tb	159	1575022	1533488	0.7		ug/L	%
Sc	45	616968	585567	0.8		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 13:21:19

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\CCB.070

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 or apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCB

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	73325	2.2		ug/L	%
Ge	72	129518	119222	0.8		ug/L	%
[> Sc-1	45	616968	585275	0.2		ug/L	%
[Cr	52	9272	12228	3.2	0.400	0.049 ug/L	12.2 %
In	115	1301215	1303078	1.4		ug/L	%
Tb	159	1575022	1550370	0.6		ug/L	%
Sc	45	616968	585275	0.2		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 14:23:28

Dataset File: D:\ELAN\Elan\data03Sept\Dataset\2003\November\110503\MB-15669.071

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: MB-15669

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	69843	1.5		ug/L	%
Ge	72	129518	122315	0.3		ug/L	%
[> Sc-1	45	616968	583164	0.4		ug/L	%
[Cr	52	9272	10007	1.7	0.146	0.024 ug/L	16.6 %
In	115	1301215	1333441	0.9		ug/L	%
Tb	159	1575022	1586036	1.3		ug/L	%
Sc	45	616968	583164	0.4		ug/L	%

0203

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 14:25:57

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\LCS-15669.072

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: LCS-15669

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	70086	3.9		ug/L	%
Ge	72	129518	121684	0.9		ug/L	%
Sc-1	45	616968	580555	0.3		ug/L	%
Cr	52	9272	79689	0.9	8.340	0.090 ug/L	1.1 %
In	115	1301215	1321528	0.5		ug/L	%
Tb	159	1575022	1580849	0.3		ug/L	%
Sc	45	616968	580555	0.3		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 14:28:26

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-021A.073

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-021A

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	72408	3.3		ug/L	%
Ge	72	129518	126666	0.5		ug/L	%
[> Sc-1	45	616968	624439	2.0		ug/L	%
[Cr	52	9272	12036	0.4	0.290	0.028 ug/L	9.5 %
In	115	1301215	1379250	0.8		ug/L	%
Tb	159	1575022	1638901	2.0		ug/L	%
Sc	45	616968	624439	2.0		ug/L	%

0205

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 14:30:56

Dataset File: D:\ELAN\ELandata03Sept\Dataset\2003\November\110503\065632-021ADUP.074

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-021ADUP

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	70020	1.2		ug/L	%
Ge	72	129518	124657	0.5		ug/L	%
Sc-1	45	616968	612642	0.6		ug/L	%
Cr	52	9272	9606	3.0	0.045	0.038 ug/L	85.8 %
In	115	1301215	1346703	1.8		ug/L	%
Tb	159	1575022	1619035	1.3		ug/L	%
Sc	45	616968	612642	0.6		ug/L	%

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 14:33:26

Dataset File: D:\ELAN\Eladata03Sept\Dataset\2003\November\110503\065632-021AMS.075

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-021AMS

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	72333	2.0		ug/L	%
Ge	72	129518	127263	0.9		ug/L	%
[> Sc-1	45	616968	622343	2.8		ug/L	%
[Cr	52	9272	81190	1.5	7.878	0.156 ug/L	2.0 %
In	115	1301215	1379095	0.9		ug/L	%
Tb	159	1575022	1652446	1.5		ug/L	%
Sc	-45	616968	622343	2.8		ug/L	%

0207

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 14:35:57

Dataset File: D:\ELAN\Elan\data03\Sept\Dataset\2003\November\110503\065632-021AMSD.076

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: 065632-021AMSD

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	73070	0.9		ug/L	%
Ge	72	129518	127716	0.7		ug/L	%
[> Sc-1	45	616968	634833	0.9		ug/L	%
[Cr	52	9272	83213	0.3	7.919	0.060 ug/L	0.8 %
In	115	1301215	1369402	0.9		ug/L	%
Tb	159	1575022	1641729	0.3		ug/L	%
Sc	45	616968	634833	0.9		ug/L	%

0208

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 14:38:29

Dataset File: D:\ELAN\Elan\data03Sept\Dataset\2003\November\110503\CCV.077

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCV

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	73583	1.3		ug/L	%
Ge	72	129518	129930	0.4		ug/L	%
[> Sc-1	45	616968	626874	0.8		ug/L	%
[Cr	52	9272	105238	0.7	10.429	0.104 ug/L	1.0 %
In	115	1301215	1423693	0.5		ug/L	%
Tb	159	1575022	1686951	0.4		ug/L	%
Sc	45	616968	626874	0.8		ug/L	%

0209

Quantitative Analysis Summary

Sample Date/Time: Wednesday, November 05, 2003 14:41:04

Dataset File: D:\ELAN\Eladata03Sep\Dataset\2003\November\110503\CCB.078

Method File: c:\elandata\Method\atl methods 030317\atl-epa 200.8 cr apcl.mth

Optimization File: c:\elandata\Optimize\default.dac

Number of Replicates: 3

Sample ID: CCB

Sample Type:

Summary

Analyte	Mass	Blank Intensity	Meas. Intensity	Int. RSD	Conc. Mean	Conc. SD	Conc. RSD
Li	7	90829	75558	1.5		ug/L	%
Ge	72	129518	131121	0.5		ug/L	%
[> Sc-1	45	616968	635208	1.3		ug/L	%
[Cr	52	9272	11375	2.8	0.197	0.035 ug/L	18.0 %
In	115	1301215	1441855	0.8		ug/L	%
Tb	159	1575022	1703766	0.4		ug/L	%
Sc	45	616968	635208	1.3		ug/L	%

Metals Working Standard Prep Log

Date	Standard Name	Working Std Code	Stock Info		Preparation	
			Stock Std Code	Stock Concentration	Amount Taken from Stock	
10-3-03	ICPMS - ICPW @ 10	HST031031G	HST031031F	1 ppm	0.5	1
11-4-03	ICPMS - Internal Std	HST031104A	HST030317A	1000 ppm	1	5
			B Ge			
			C Tb			
			D Sc			
			E In			
			F Tm			
	ICPMS - STD ₁	HST031104B	HST030402A	10 ppm	5	
	- 20		HST031104B	1 ppm	1	
	- 10		C	20 ppb	25	
	- 5		D	10 ppb	25	
	- 0.5		E	5 ppb	5	
	ICPMS - LCS ₁		HST021210	10 ppm	5	
	I ICPW/CCW @ 10		HST031104	1 ppm	0.5	
11-5-03	ICPMS - STD ₁	HST031105A	HST030402A	10 ppm	5	
	- 20		HST031105A	1 ppm	1	
	- 10		B	20 ppb	25	
	- 5		C	10 ppb	25	
	- 0.5		D	5 ppb	5	
	ICPMS - LCS ₁		F	10 ppm	5	

0211

Metals Working Standard Prep Log

Preparation			Expiration Dates		Comments	Initials
Final Vol. (ml)	Final Conc. (ug/ml)	Diluent Matrix (ie H ₂ O)	Working STD *	Exp Date		
50	10 ppb	DI H ₂ O + 1% HNO ₃	01-29-04	01-29-04		WJ
100	10 ppm	DI H ₂ O + 1% HNO ₃	02-02-04	02-02-04		WJ
50	1 ppm	DI H ₂ O + 1% HNO ₃	02-02-04	02-02-04		WJ
	20 ppb					
	10 ppb					
	5 ppb					
	0.5 ppb					
	1 ppm					
	10 ppb					
50	1 ppm	DI H ₂ O + 1% HNO ₃	02-02-04	02-02-04		WJ
	20 ppb					
	10 ppb					
	5 ppb					
	0.5 ppb					
	1 ppm					

1 5 10 15 20

Metals Working Standard Prep Log

[illegible]

Check working std versus all manufacturer's

Advanced Technology Laboratories
Logbook 3
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Metals Working Standard Prep Log

Date	Standard Name	Working Std Code	Stock Info		Preparation	
			Stock Std Code	Stock Concentration	Amount Taken from Stock	
10-21-03	ICPMS - 500	MST031021H	MST031021G	1000 ppb	25	1
	I - 100	I	H	500 ppb	10	
	ICPMS - ICP/KW@500	J	E	1 ppm / 10 ppm	2.5	
10-23-03	ICPMS - Tuning Stock Soln	MST031017L	MST-00523E	1000 ppm	0.5	
			MST030414H			5
			MST030417J			
			MST030414E			
			I C Ba			
			MST030417C			
			MST030414P			
			I D Be			10
			I G Co			
			MST030417H			
			I I W			
			I E In			15
	10 ppb Tuning Solution	MST031017M	MST031017L	1 ppm	5	
10-23-03	ICPMS - STD, 1	MST031023A	MST030402A MST030402B	10 ppm 1000 ppm	5 0.05	
	-20	"B	MST031023A	1 ppm	1	
	-10	C	B	20 ppb	25	
	-5	"D	C	10 ppb	25	20

0215

Metals Working Standard Prep Log

[illegible]

Check working std versus all manufacturer's

Advanced Technology Laboratories

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Advanced Technology Laboratories

Standard LOG

Standard ID: MST030402A
Standard Name: CHECKMATE STANDARD 1
Date Prepared:
Date Expires: 3/24/04
Department: ICPMS_PR
Vendor: LEEEMAN LABS
Lot Number: 573501a

Type: Stock
BY: Nancy Sibucan

Status: New

Comments:

Stock Source		Base Units	Final Volume:	500 mL
Analytes		CAS	Conc:	Amount Added µg/mL
A	ALUMINUM			10.02
A	ANTIMONY			10.02
A	ARSENIC			10.02
A	BARIUM			10.02
A	BERYLLIUM			10.02
A	BORON			10.02
A	CADMIUM			10.02
A	CALCIUM			100.1
A	CHROMIUM			10.02
A	COBALT			10.02
A	COPPER			10.02
A	IRON			10.07
A	LEAD			10.03
A	MAGNESIUM			100.1
A	MANGANESE			10.03
A	MOLYBDENUM			10.04
A	NICKEL			10.02
A	POTASSIUM			100
A	SELENIUM			10.02
A	SILICON			10.04
A	SODIUM			100.1
A	THALLIUM			10.02
A	VANADIUM			10.03
A	ZINC			10.02

Advanced Technology Laboratories

Standard LOG

Standard ID: MST021216D
Standard Name: Check Mate Standard 1
Date Prepared: 11/29/03
Date Expires: 11/29/03
Department: ICPMS_PR
Vendor: LEEMAN LABS
Lot Number: 549701
Type: Stock
BY: Nancy Sibucan
Status: New
Comments:

Stock Source		Base Units	Final Volume:	500 mL
Analytes		CAS	Conc:	Amount Added µg/mL
A	ALUMINUM			10
A	ANTIMONY			10
A	ARSENIC			10
A	BARIUM			10
A	BERYLLIUM			10
A	BORON			10
A	CADMIUM			10
A	CALCIUM			100
A	CHROMIUM			10
A	COBALT			10
A	COPPER			10
A	IRON			10.05
A	LEAD			10.01
A	MAGNESIUM			99.99
A	MANGANESE			10.01
A	MOLYBDENUM			10.02
A	NICKEL			10
A	POTASSIUM			100
A	SELENIUM			10
A	SILICON			10.02
A	SODIUM			100.3
A	THALLIUM			10
A	VANADIUM			10.01
A	ZINC			10

Advanced Technology Laboratories

Spike LOG

Standard ID: MSP030220A
Standard Name: CHECKMATE STANDARD 1
Date Prepared:
Date Expires:
Department: ICPMS_PR
Vendor: LEEMAN LABS
Lot Number: 549701

Type: Stock
BY: Nancy Sibucan
Status: Opened

Comments:

Stock Source		Base Units	Final Volume:	500 mL
Analytes		CAS	Conc:	Amount Added µg/mL
A	ALUMINUM			10
A	ANTIMONY			10
A	ARSENIC			10
A	BARIUM			10
A	BERYLLIUM			10
A	BORON			10
A	CADMIUM			10
A	CALCIUM			100
A	CHROMIUM			10
A	COBALT			10
A	COPPER			10
A	IRON			10.05
A	LEAD			10.01
A	MAGNESIUM			99.99
A	MANGANESE			10.01
A	MOLYBDENUM			10.02
A	NICKEL			10
A	POTASSIUM			100
A	SELENIUM			10
A	SILICON			10.02
A	SODIUM			100.3
A	THALLIUM			10
A	VANADIUM			10.01
A	ZINC			10

Applied P & Ch Laboratory

13760 Magnolia Ave. Chino CA 91710

Tel: (909) 590-1828 Fax: (909) 590-1498

Submitted to:

GEOFON, Inc.

Attention: Brad Shojae

22632 Golden Spring Dr Ste 270

Diamond Bar 91765

Tel: (909) 396-7662 Fax: (909) 396-1455

APCL Analytical Report

Service ID #: 801-036063

Received: 11/10/03

Collected by: JR

Extracted: N/A

Collected on: 10/30-11/10/03

Tested: N/A

Reported: 12/02/03

Sample Description: Water

Project Description: 04-4428.10 JPL

Analysis of Water Samples

Component Analyzed	Method	Unit	PQL	Analysis Result			
				DUPE-2-4-Q03 03-06063-1	DUPE-5-4-Q03 03-06063-2	DUPE-7-4-Q03 03-06063-3	EB-7-10-30-03 03-06063-4

CHROMIUM ^(a)

Component Analyzed	Method	Unit	PQL	Analysis Result			
				EB-8-11-3-03 03-06063-5	EB-9-11-4-03 03-06063-6	MW-2 03-06063-7	MW-5 03-06063-8

CHROMIUM ^(a)

Component Analyzed	Method	Unit	PQL	Analysis Result			
				MW-6 03-06063-9	MW-7 03-06063-10	MW-8 03-06063-11	MW-10 03-06063-12

CHROMIUM ^(a)

Component Analyzed	Method	Unit	PQL	Analysis Result			
				MW-13 03-06063-13	MW-15 03-06063-14	MW-16 03-06063-15	MW-3-3 03-06063-16

CHROMIUM ^(a)

Component Analyzed	Method	Unit	PQL	Analysis Result			
				MW-3-4 03-06063-17	MW-3-5 03-06063-18	MW-14-1 03-06063-19	MW-14-2 03-06063-20

CHROMIUM ^(a)

Component Analyzed	Method	Unit	PQL	Analysis Result			
				MW-14-3 03-06063-21	MW-14-4 03-06063-22	MW-14-5 03-06063-23	MW-17-1 03-06063-24

CHROMIUM ^(a)

APCL Analytical Report

Component Analyzed	Method	Unit	PQL	Analysis Result			
				MW-17-2	MW-17-3	MW-17-4	MW-17-5
				03-06063-25	03-06063-26	03-06063-27	03-06063-28

CHROMIUM ^(a)

Component Analyzed	Method	Unit	PQL	Analysis Result			
				MW-21-1	MW-21-2	MW-21-3	MW-21-4
				03-06063-29	03-06063-30	03-06063-31	03-06063-32

CHROMIUM ^(a)

Component Analyzed	Method	Unit	PQL	Analysis Result			
				MW-21-5	MW-9	MW-3-1	MW-3-2
				03-06063-33	03-06063-34	03-06063-35	03-06063-36

CHROMIUM ^(a)

PQL: Practical Quantitation Limit. MDL: Method Detection Limit. CRDL: Contract Required Detection Limit

N.D.: Not Detected or less than the practical quantitation limit. "-": Analysis is not required.

J: Reported between PQL and MDL.

Listed Dilution Factors (DF) are relative to the method default DF. All unlisted DFs are 1.0

^(a) Subcontracted to Advanced Technology Laboratories Inc. See attached.

Respectfully submitted,



Dominic Lab
Laboratory Director
Applied P & Ch Laboratory



GEOFON
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DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

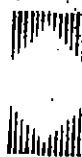
0072

Hupf1

GEOFON LAB COORDINATOR		LAB COORDINATOR'S PHONE		LAB COORDINATOR'S FAX		LABORATORY SERVICE ID		LABORATORY CONTACT		MAIL REPORT (COMPANY NAME)	
Scott Buhner		909 396 7662		909 396 1455		LABORATORY PHONE 909 590 1828		LABORATORY FAX 909 590 1498		RECIPIENT NAME Tony Ford	
PROJECT NAME SFC Cal Hn. 4003		PROJECT LOCATION Huo-21		PROJECT FAX 909 396 1455		LABORATORY ADDRESS 13760 Magnolia Ave.		CITY, STATE AND ZIP CODE Chino, CA 91710		ADDRESS 22632 Golden Springs Dr. Ste 270	
PROJECT CONTACT Bina Shapiro		PROJECT PHONE NUMBER 909 396 7662		CLIENT US Navy SNTV		CITY, STATE AND ZIP CODE Chino, CA 91710		PROJECT ADDRESS Diamond Bar, CA 91765			
PROJECT ADDRESS 4800 Oak Creek Dr.		CITY, STATE AND ZIP CODE Hacienda, CA		PROJECT MANAGER'S PHONE 909 396 7662		PROJECT MANAGER'S FAX 909 396 1455					
PROJECT MANAGER Tony Ford											
Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses	Comments	
1	Huo-21-5	W	10/29/03	0818	5	III	Normal		524.0 (VOC) 314.0 (C10-4) 219.0A (HWC) 200.8 (C)	HS/MSD	
2	Huo-21-4			0813							
3	Huo-21-3			0924							
4	Huo-21-2			0915							
5	Huo-21-1			1011							
6	TB-7-10-30-03										
7	EB-7-10-30-03										
8											
9											
10											

SAMPLES COLLECTED BY: J.R.		COURIER AND AIR BILL NUMBER:		COOLER TEMPERATURE UPON RECEIPT	
RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT	
<i>J. Shapiro</i>	<i>J. Shapiro</i>	10-30-03	11:30		
		10-20-03	12:35		

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager


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CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGERS COPY

1103

58

GEOFON LAB COORDINATOR		LAB COORDINATOR'S PHONE		LAB COORDINATOR'S FAX		LABORATORY SERVICE ID		LABORATORY CONTACT		MAIL REPORT COMPANY NAME	
JUDY D. HARRIS		909-396-1452		909-396-1455		LABORATORY PHONE		K. HARRIS		GEOGRAPHY	
PROJECT NAME		PROJECT LOCATION		PROJECT NUMBER		LABORATORY ADDRESS		LABORATORY PHONE		REPORT NAME	
JPL Gold Bar - 1003		Huc 3		01-1128-10		13760 Mendocino Ave.		909-590-1828		Long Field	
PROJECT CONTACT		PROJECT PHONE NUMBER		CLIENT		LABORATORY ADDRESS		LABORATORY PHONE		ADDRESS	
Judy Harris		909-396-1452		U.S. Navy 3001V		13760 Mendocino Ave.		909-590-1828		22632 Golden Springs Dr.	
PROJECT ADDRESS		CITY/STATE AND ZIP CODE		PROJECT MANAGER'S FAX		CITY/STATE AND ZIP CODE		CITY/STATE AND ZIP CODE		CITY/STATE AND ZIP CODE	
4400 Oak Street		Diamond Bar, CA		909-396-1455		Diamond Bar, CA 91710		Diamond Bar, CA 91710		Diamond Bar, CA 91710	
PROJECT MANAGER		PROJECT MANAGER'S PHONE		PROJECT MANAGER'S FAX		CITY/STATE AND ZIP CODE		CITY/STATE AND ZIP CODE		CITY/STATE AND ZIP CODE	
Long Field		909-396-1452		909-396-1455		Diamond Bar, CA 91710		Diamond Bar, CA 91710		Diamond Bar, CA 91710	

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont	QC Level	TAT	Analyses		Comments
									521.2 (VOCs)	511.8 (GC/MS)	
1	Huc-3-5	W	0805	0805	5	III	III	X	X	X	
2	Huc-3-4		0829	0819				X	X	X	
3	Huc-3-3							X	X	X	
4	Huc-3-2							X	X	X	
5	Huc-3-1							X	X	X	
6	713-8-11-3-03							X	X	X	
7	38-8-11-3-03							X	X	X	
8								X	X	X	
9								X	X	X	
10								X	X	X	

SAMPLES COLLECTED BY	J. K. BARNETT	CARRIER AND AIR BILL NUMBER	
RECEIVED BY	James Harris	DATE	11/13/03
COOLUP TEMPERATURE UPON RECEIPT		SAMPLE'S CONDITION UPON RECEIPT	

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CHAIN-OF-CUSTODY RECORD

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11/03

MAIL REPORT (COMPANY NAME)
GEOFON

RECEIPT NAME
Long Ford

ADDRESS
22632 Golden Springs Dr.

CITY, STATE AND ZIP CODE
Diamond Bar, CA 91765

LABORATORY SERVICE ID
909-396-1455

LABORATORY CONTACT
Kenny Chan

LABORATORY PHONE
909 590 1828

LABORATORY FAX
909 590 1498

LABORATORY ADDRESS
13760 Magnolia Ave.

CITY, STATE AND ZIP CODE
Chino, CA 91710

LABORATORY PHONE
909 396 1455

LABORATORY FAX
909 396 1455

LABORATORY ADDRESS
13760 Magnolia Ave.

CITY, STATE AND ZIP CODE
Chino, CA 91710

LABORATORY PHONE
909 396 1455

LABORATORY FAX
909 396 1455

LABORATORY ADDRESS
13760 Magnolia Ave.

CITY, STATE AND ZIP CODE
Chino, CA 91710

LABORATORY PHONE
909 396 1455

LABORATORY FAX
909 396 1455

LABORATORY ADDRESS
13760 Magnolia Ave.

CITY, STATE AND ZIP CODE
Chino, CA 91710

LABORATORY PHONE
909 396 1455

LABORATORY FAX
909 396 1455

LABORATORY ADDRESS
13760 Magnolia Ave.

CITY, STATE AND ZIP CODE
Chino, CA 91710

LABORATORY PHONE
909 396 1455

LABORATORY FAX
909 396 1455

LABORATORY ADDRESS
13760 Magnolia Ave.

CITY, STATE AND ZIP CODE
Chino, CA 91710

LABORATORY PHONE
909 396 1455

LABORATORY FAX
909 396 1455

LABORATORY ADDRESS
13760 Magnolia Ave.

6063
Comments

Good entry - 11.3.03

Good entry - 11.3.03

HS/MSD Good entry 11.3.03

COOLER TEMPERATURE UPON RECEIPT

SAMPLE'S CONDITION UPON RECEIPT

COURIER AND AIR BILL NUMBER:

DATE

TIME

SAMPLES COLLECTED BY: S. Robinson

RELINQUISHED BY

Kenny Chan

DATE

TIME

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager



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MUS-14

Date 2

GEOFON LAB COORDINATOR

LAB COORDINATOR'S PHONE

LAB COORDINATOR'S FAX

LABORATORY SERVICE ID

LABORATORY CONTACT

MAIL REPORT (COMPANY NAME)

Scott Buhman

909 396 7662

909 396 1455

LABORATORY PHONE

LABORATORY FAX

LABORATORY NAME

SPC Cda Mon-4003

PROJECT LOCATION

PROJECT NUMBER

LABORATORY PHONE

LABORATORY FAX

LABORATORY NAME

BRAND Shapiro

909-396 7662

909 396 1455

LABORATORY ADDRESS

CITY, STATE AND ZIP CODE

ADDRESS

4800 Oak Grove Dr.

Pasadena, CA

US NAVY SUBSTV

CITY, STATE AND ZIP CODE

CITY, STATE AND ZIP CODE

CITY, STATE AND ZIP CODE

PROJECT MANAGER

PROJECT MANAGER'S PHONE

PROJECT MANAGER'S FAX

CITY, STATE AND ZIP CODE

CITY, STATE AND ZIP CODE

CITY, STATE AND ZIP CODE

Tony Ford

909 396 7662

909 396 1455

CITY, STATE AND ZIP CODE

CITY, STATE AND ZIP CODE

Diamond Bar, CA 91765

Item

Sample Identifier

Matrix

Date

Time

Preserved

of Cont

QC Level

T.A.T

Analyses

200.8 (100%)

219.6 (100%)

524.2 (100%)

314.0 (100%)

200.8 (100%)

219.6 (100%)

524.2 (100%)

314.0 (100%)

200.8 (100%)

219.6 (100%)

524.2 (100%)

314.0 (100%)

200.8 (100%)

219.6 (100%)

6063

Comments

1 MUS-14-5

13

11/1/03

0719

4403

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

2 MUS-14-4

1

0739

0800

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

3 MUS-14-3

1

0819

0845

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

4 MUS-14-2

1

0834

0845

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

5 MUS-14-1

1

0834

0845

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

6 TR-9-11-4-03

1

0834

0845

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

7 TR-9-11-4-03

1

0834

0845

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

8 TR-9-11-4-03

1

0834

0845

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

9 TR-9-11-4-03

1

0834

0845

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

10 TR-9-11-4-03

1

0834

0845

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

SAMPLES COLLECTED BY: JF

RELINQUISHED BY

COURIER AND AIR BILL NUMBER

RECEIVED BY

DATE

TIME

COOLER TEMPERATURE UPON RECEIPT

SAMPLE'S CONDITION UPON RECEIPT

COOLER TEMPERATURE UPON RECEIPT

SAMPLE'S CONDITION UPON RECEIPT

COOLER TEMPERATURE UPON RECEIPT

SAMPLE'S CONDITION UPON RECEIPT

COOLER TEMPERATURE UPON RECEIPT

SAMPLE'S CONDITION UPON RECEIPT

COOLER TEMPERATURE UPON RECEIPT



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CHAIN-OF-CUSTODY RECORD

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Sharon Wells

Doc 9

GEOFON LAB COORDINATOR

LAB COORDINATOR'S PHONE

LAB COORDINATOR'S FAX

LABORATORY SERVICE ID

LABORATORY CONTACT

MAIL REPORT (COMPANY NAME)

Scott Buhner

909 396 7662

909 396 1455

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY PHONE

LABORATORY FAX

RECIPIENT NAME

SPC Geo Mon-4003

Mus-9

04-4425.10

909 590 1823

Long Ford

PROJECT CONTACT

PROJECT PHONE NUMBER

PROJECT FAX

LABORATORY ADDRESS

ADDRESS

Bund Shapiro

909-396 7662

909 396 1455

13760 Magnolia Ave.

22632 Golden Springs Dr. Ste 270

PROJECT ADDRESS

CITY, STATE AND ZIP CODE

CLIENT

CITY, STATE AND ZIP CODE

CITY, STATE AND ZIP CODE

4800 Oakview Dr.

Providence, CA

US Navy Subdiv

Chino, CA 91710

Diamond Bar, CA 91765

PROJECT MANAGER

PROJECT MANAGER'S PHONE

PROJECT MANAGER'S FAX

LABORATORY ADDRESS

CITY, STATE AND ZIP CODE

Long Ford

909 396 7662

909 396 1455

Analyses

10.8.03

Item

Sample Identifier

Matrix

Date

Time

Preserved

of Cont

QC Level

T.A.T

Analyses

10.8.03

10.8.03

10.8.03

10.8.03

10.8.03

10.8.03

10.8.03

Comments

1

Mus-9

M

11.5.03

0952

MCI

5

III

Normal

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

2

Mus-

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

3

4

5

6

7

8

9

10

SAMPLES COLLECTED BY:

SR

COUNTER AND AIR BILL NUMBER:

RELINQUISHED BY

RECEIVED BY

DATE

TIME

COOLER TEMPERATURE UPON RECEIPT

SAMPLE'S CONDITION UPON RECEIPT

11/5/03 11:13

11/5/03 11:13

11/5/03 11:13

11/5/03 11:13

11/5/03 1



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CHAIN-OF-CUSTODY RECORD

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0072

1110-3

GEOFON LAB COORDINATOR		LAB COORDINATOR'S PHONE		LAB COORDINATOR'S FAX		LABORATORY SERVICE ID		LABORATORY CONTACT		MAIL REPORT (COMPANY NAME)			
PROJECT NAME: Bridal Staircase		PROJECT LOCATION: 1110-3		PROJECT PHONE NUMBER: 909 396 7682		PROJECT FAX: 909 396 1455		LABORATORY PHONE: 909 596 1828		LABORATORY FAX: 909 596 1498		RECIPIENT NAME: Geofon	
PROJECT ADDRESS: 4800 Red Grove Dr.		CITY, STATE AND ZIP CODE: Pasadena, CA		CLIENT: US NAVY SUBDIV		LABORATORY ADDRESS: 13760 Magnolia Ave.		CITY, STATE AND ZIP CODE: Clare, CA 91710		ADDRESS: 22632 Golden Springs Dr. Ste 270		CITY, STATE AND ZIP CODE: Diamond Bar, CA 91765	
PROJECT MANAGER: Tony Ford		PROJECT MANAGER'S PHONE: 909 396 7662		PROJECT MANAGER'S FAX: 909 396 1455		ANALYSES: 524.2 (VAC) 317.0 (C10-2) 208.8 (C10-3) 7196.5 (HWC)							
Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont	QC Level	T.A.T	Comments				
1	1110-3-2	W	11-5-03	0729	Hcl	5	III	Normal	X	X	X		
2	1110-3-1			0751	Hcl	1	I		X	X	X		
3	TB-10-11-S-03				Hcl	2	I		X				
4													
5													
6													
7													
8													
9													
10													

SAMPLES COLLECTED BY: JR

COURIER AND AIR BILL NUMBER:

RECEIVED BY: [Signature]

DATE: 11/5/03

TIME: 11:15

COOLER TEMPERATURE UPON RECEIPT:

SAMPLE'S CONDITION UPON RECEIPT:

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CHAIN-OF-CUSTODY RECORD

PROJECT FILE

0074

GEOFON LAB COORDINATOR		LAB COORDINATOR'S PHONE		LAB COORDINATOR'S FAX		LABORATORY SERVICE ID		LABORATORY CONTACT		MAIL REPORT (COMPANY NAME)	
PROJECT NAME		PROJECT LOCATION		PROJECT NUMBER		LABORATORY PHONE		LABORATORY FAX		RECIPIENT NAME	
PROJECT CONTACT		PROJECT PHONE NUMBER		PROJECT FAX		LABORATORY ADDRESS		LABORATORY CITY, STATE AND ZIP CODE		ADDRESS	
PROJECT ADDRESS		CITY, STATE AND ZIP CODE		CLIENT		CITY, STATE AND ZIP CODE		CITY, STATE AND ZIP CODE		CITY, STATE AND ZIP CODE	
PROJECT MANAGER		PROJECT MANAGER'S PHONE		PROJECT MANAGER'S FAX		PROJECT MANAGER'S CITY, STATE AND ZIP CODE		PROJECT MANAGER'S CITY, STATE AND ZIP CODE		PROJECT MANAGER'S CITY, STATE AND ZIP CODE	
Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses	Comments	
1	1111-1111	1111	11/11/03	0807	5	III	Normal	1	X	X	X
2	1111-1111	1111	0910	1100	4	1	1	1	X	X	X
3	1111-1111	1111	1100	1100	4	1	1	1	X	X	X
4	1111-1111-03	1111	1100	1100	4	1	1	1	X	X	X
5											
6											
7											
8											
9											
10											
SAMPLES COLLECTED BY: <u>ST</u>		COURIER AND AIR BILL NUMBER:		RECEIVED BY: <u>11-11-03</u>		DATE: <u>11-11-03</u>		TIME: <u>11:35</u>		SAMPLE'S CONDITION UPON RECEIPT	
RELINQUISHED BY: <u>ST</u>		COURIER AND AIR BILL NUMBER:		RECEIVED BY: <u>11-11-03</u>		DATE: <u>11-11-03</u>		TIME: <u>11:35</u>		COOLER TEMPERATURE UPON RECEIPT	
Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager											


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 INCORPORATED
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 DIAMOND BAR, CA 91765 • (909) 396-7682 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

00740

GEOFON LAB COORDINATOR		LAB COORDINATOR'S PHONE		LAB COORDINATOR'S FAX		LABORATORY SERVICE ID		LABORATORY CONTACT		MAIL REPORT (COMPANY NAME)	
PROJECT NAME Broad Street		PROJECT LOCATION 909 346 1102		LABORATORY PHONE 909 346 1102		LABORATORY FAX 909 346 1102		RECIPIENT NAME GEOFON		ADDRESS 22632 Golden Springs Dr., Suite 270 Diamond Bar, CA 91765	
PROJECT CONTACT Scott D. Baker		PROJECT PHONE NUMBER 909 346 1102		PROJECT FAX 909 346 1102		LABORATORY ADDRESS 13700 Hesperia Ave. Chico, CA 95710		CITY, STATE AND ZIP CODE Chico, CA 95710		CITY, STATE AND ZIP CODE Diamond Bar, CA 91765	
PROJECT ADDRESS 4800 Oak Grove Blvd		CITY, STATE AND ZIP CODE Diamond Bar, CA		CLIENT US Navy SubV		LABORATORY PHONE 909 346 1102		LABORATORY FAX 909 346 1102		RECIPIENT NAME GEOFON	
PROJECT MANAGER Tanya Ford		PROJECT MANAGER'S PHONE 909 346 1102		PROJECT MANAGER'S FAX 909 346 1102		LABORATORY ADDRESS 13700 Hesperia Ave. Chico, CA 95710		CITY, STATE AND ZIP CODE Chico, CA 95710		CITY, STATE AND ZIP CODE Diamond Bar, CA 91765	
Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont	QC Level	TAT	Analyses	Comments	
1	HL-116	LD	11/10/03	0946	5	III	Level 1		X	X	X
2	HL-117	LD	11/10/03	1100	5	III	Level 1		X	X	X
3	HL-118	LD	11/10/03	1100	5	III	Level 1		X	X	X
4	HL-119	LD	11/10/03	1100	5	III	Level 1		X	X	X
5	HL-120	LD	11/10/03	1100	5	III	Level 1		X	X	X
6	HL-121	LD	11/10/03	1100	5	III	Level 1		X	X	X
7	HL-122	LD	11/10/03	1100	5	III	Level 1		X	X	X
8	HL-123	LD	11/10/03	1100	5	III	Level 1		X	X	X
9	HL-124	LD	11/10/03	1100	5	III	Level 1		X	X	X
10	HL-125	LD	11/10/03	1100	5	III	Level 1		X	X	X

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

FAX TRANSMITTAL22632 GOLDEN SPRINGS DRIVE, SUITE 270
DIAMOND BAR, CA 91765TELEPHONE (909) 396-7662 • FAX (909) 396-1455
INTERNET: www.geofon.com

Page 1 of 4

TO: APC Law

_____FROM: J. Robinson
_____DATE: 11.13.03
_____ATTN: Kenny Chan
_____GEOFON Reference No.: _____
Fax No.: 909 590 1498If you do not receive all the pages, please contact us by
telephone as soon as possible at (909) 396-7662**DESCRIPTION OF MATERIAL BEING TRANSMITTED:**COC Changes

_____**COMMENTS:**_____

_____**NOTICE OF CONFIDENTIALITY**

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Applied P & Ch Laboratory

13760 Magnolia Ave., Chino CA 91710

Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Receiving Checklist

6063

APCL ServiceID: _____

Client Name/Project: Seafon

1. Sample Arrival

Date/Time Received 10/30/03 1235Date/Time Opened 10/30/03 1235By (name): Jason N.Custody Transfer: ☐ Client ☐ Golden State ☐ UPS ☐ US Mail ☐ FedEx ☒ APCL Empl: CB

2. Chain-of-Custody (CoC)

☒ With Samples?☐ Faxed?☒ Client has Copy?☐ Signed, dated? By: _____☒ Project ID?☒ Analyses Clear?☐ Hold Samples?

#on Hold _____

Received 7☐ CoC/Docs Zip-Locked under lid?☐ Compos.#: _____☒ #Samples OK?☐ Discrepancies?☐ Client notified?☐ Response (attach docs): _____

3. Shipping Container/Cooler

☐ Cooler Used? # of _____ Cooled by: ☐ Ice ☐ Blue Ice ☐ Dry Ice ☐ None

Temp °C _____

(Cooler temperature measured from temp blank if present, otherwise measured from the cooler).

Cooler Custody Seal? ☐ Absent ☐ Intact ☐ Tampered?

4. Sample Preservation

☐ pH <2☐ pH >12

If Not, pH = _____

Preserved by:

☐ Client☐ APCL☐ Third Party _____

5. Holding-time Requirements

☐ pH 24hr☐ BACT 6/24hr☒ Cr^{VI} 24hr☐ NO₃ 48hr☐ BOD 48hr☐ Cl₂ ASAP☐ Turbidity 48hr☐ DO ASAP☐ Fe(II) ASAP☐ HT Expired?☐ Client notified?

6. Sample Container Condition

☒ Intact?☐ Broken?☐ Documented?

Number: _____

Type:

☒ plastic☒ glass☐ Tube: brass/SS☐ Tedlar Bag☒ Quantity OK?☐ Leaking?☐ Anomaly?☒ Caps tight?☐ Air Bubbles?☐ Anomaly?

Labels:

☒ Unique ID?☒ Date/Time☐ Preserved?

7. Turn Around Time

☒ RUSH TAT Today☐ Std (7-10 days)☐ Not Marked

8. Sample Matrix

☐ Drinking H₂O☐ Other Liq☐ Soil☐ Wipe☐ Polymer☐ Air☐ Other: _____☒ Ground H₂O☐ Sludge☐ Filter☐ Oil/Petro☐ Paint☐ W. Water☐ Extract☐ Unknown

9. Pre-Login Check List Completed & OK?

☒ ALL OK? (if not, attach docs)☐ Client Contact? (Name: _____) Date/Time: _____Received/Checked by: JS

Printed: 30 Oct 2003 7:29 a.m.

*HT: Samples must be analyzed for results to reflect total concentrations. Results generated outside required of holding times are considered minimal values and may be used to define waste as hazardous but not as non-hazardous.

Applied P & Ch Laboratory

13760 Magnolia Ave., Chino CA 91710

Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Receiving Checklist

APCL ServiceID: **6063**

Client Name/Project: Geofon

1. Sample Arrival

Date/Time Received 11/3/03 1050

Date/Time Opened 11/3/03 1050

By (name): Adam W.

Custody Transfer: ☒ Client ☐ Golden State ☐ UPS ☐ US Mail ☐ FedEx ☐ APCL Empl:

2. Chain-of-Custody (CoC)

☒ With Samples?

☐ Faxed?

☒ Client has Copy?

☐ Signed, dated? By: _____

☒ Project ID?

☒ Analyses Clear?

☐ Hold Samples?

#on Hold _____

Received _____

☐ CoC/Docs Zip-Locked under lid?

☐ Compos. #:

☒ #Samples OK?

☐ Discrepancies?

☐ Client notified?

☐ Response (attach docs): _____

3. Shipping Container/Cooler

☒ Cooler Used? # of _____

Cooled by:

☒ Ice

☐ Blue Ice

☐ Dry Ice

☐ None

Temp °C 3.9

(Cooler temperature measured from temp blank if present, otherwise measured from the cooler).

Cooler Custody Seal?

☐ Absent

☐ Intact

☐ Tampered?

4. Sample Preservation

☐ pH <2

☐ pH >12

If Not, pH = _____

Preserved by:

☐ Client

☐ APCL

☐ Third Party _____

5. Holding-time Requirements

☐ pH 24hr

☐ BACT 6/24hr

☒ Cr^{VI} 24hr

☐ NO₃ 48hr

☐ BOD 48hr

☐ Cl₂ ASAP

☐ Turbidity 48hr

☐ DO ASAP

☐ Fe(II) ASAP

☐ HT Expired?

☐ Client notified?

6. Sample Container Condition

☒ Intact?

☐ Broken?

☐ Documented?

Number: _____

Type:

☒ plastic

☒ glass

☐ Tube: brass/SS

☐ Tedlar Bag

☒ Quantity OK?

☐ Leaking?

☐ Anomaly?

☒ Caps tight?

☐ Air Bubbles?

☐ Anomaly?

Labels:

☒ Unique ID?

☒ Date/Time

☐ Preserved?

7. Turn Around Time

☒ RUSH TAT 5 days

☐ Std (7-10 days)

☐ Not Marked

8. Sample Matrix

☐ Drinking H₂O

☐ Other Liq

☐ Soil

☐ Wipe

☐ Polymer

☐ Air

☐ Other: _____

☒ Ground H₂O

☐ Sludge

☐ Filter

☐ Oil/Petro

☐ Paint

☐ W. Water

☐ Extract

☐ Unknown

9. Pre-Login Check List Completed & OK?

☒ ALL OK? (if not, attach docs)

☐ Client Contact? (Name: _____)

Date/Time: _____

Received/Checked by: [Signature]

Printed: 3 Nov 2003

7:31a.m.

*HT: Samples must be analyzed for results to reflect total concentrations. Results generated outside required of holding times are considered minimal values and may be used to define waste as hazardous but not as non-hazardous.

DocumentFile: [neal.texfiles]smpocl.tex.

Applied P & Ch Laboratory

13760 Magnolia Ave., Chino CA 91710

Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Receiving Checklist

APCL ServiceID:

6063

Client Name/Project:

Geofen

1. Sample Arrival

Date/Time Received 11/4/03 1345

Date/Time Opened 11/4/03 1345

By (name): Tason

Custody Transfer: ☐ Client

☐ Golden State

☐ UPS

☐ US Mail

☐ FedEx

☒ APCL Empl: Richard

2. Chain-of-Custody (CoC)

☒ With Samples?

☐ Faxed?

☒ Client has Copy?

☐ Signed, dated? By: _____

☒ Project ID?

☒ Analyses Clear?

☐ Hold Samples?

#on Hold _____

Received _____

☐ CoC/Docs Zip-Locked under lid?

☐ Compos. #: _____

☒ #Samples OK?

☐ Discrepancies?

☐ Client notified?

☐ Response (attach docs): _____

3. Shipping Container/Cooler

☒ Cooler Used? # of 1

Cooled by: _____

☒ Ice

☐ Blue Ice

☐ Dry Ice

☐ None

Temp °C 3.4

(Cooler temperature measured from temp blank if present, otherwise measured from the cooler).

Cooler Custody Seal?

☐ Absent

☐ Intact

☐ Tampered?

4. Sample Preservation

☐ pH <2

☐ pH >12

If Not, pH = _____

Preserved by: ☐ Client

☐ APCL

☐ Third Party _____

5. Holding-time Requirements

☐ pH 24hr

☐ BACT 6/24hr

☒ Cr^{VI} 24hr

☐ NO₃⁻ 48hr

☐ BOD 48hr

☐ Cl₂ ASAP

☐ Turbidity 48hr

☐ DO ASAP

☐ Fe(II) ASAP

☐ HT Expired?

☐ Client notified?

6. Sample Container Condition

☒ Intact?

☐ Broken?

☐ Documented?

Number: _____

Type:

☒ plastic

☒ glass

☐ Tube: brass/SS

☐ Tedlar Bag

☐ Quantity OK?

☐ Leaking?

☐ Anomaly?

☐ Caps tight?

☐ Air Bubbles?

☐ Anomaly?

Labels:

☐ Unique ID?

☒ Date/Time

☐ Preserved?

7. Turn Around Time

☒ RUSH TAT: 5 days

☐ Std (7-10 days)

☐ Not Marked

8. Sample Matrix

☐ Drinking H₂O

☐ Other Liq

☐ Soil

☐ Wipe

☐ Polymer

☐ Air

☐ Other: _____

☒ Ground H₂O

☐ Sludge

☐ Filter

☐ Oil/Petro

☐ Paint

☐ W. Water

☐ Extract

☐ Unknown

9. Pre-Login Check List Completed & OK?

☒ ALL OK? (if not, attach docs)

☐ Client Contact? (Name: _____) Date/Time: _____

Received/Checked by: [Signature]

Printed: 4 Nov 2003

9:21 a.m.

*HT: Samples must be analyzed for results to reflect total concentrations. Results generated outside required of holding times are considered minimal values and may be used to define waste as hazardous but not as non-hazardous.

Applied P & Ch Laboratory

19760 Magnolia Ave., Chino CA 91710

Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Receiving Checklist

APCL ServiceID: 5973

Client Name/Project: Geofan

1. Sample Arrival 603 # 12/2/03

Date/Time Received 11/5/03 1115 Date/Time Opened 11/5/03 1115 By (name): Adam W.

Custody Transfer: ☒ Client ☐ Golden State ☐ UPS ☐ US Mail ☐ FedEx ☐ APCL Empl: _____

2. Chain-of-Custody (CoC) _____

☒ With Samples? ☐ Faxed? ☒ Client has Copy? ☐ Signed, dated? By: _____
☒ Project ID? ☒ Analyses Clear? ☐ Hold Samples? #on Hold _____ # Received _____
☐ CoC/Docs Zip-Locked under lid? ☐ Compos. #: _____ ☒ #Samples OK? _____
☐ Discrepancies? ☐ Client notified? ☐ Response (attach docs): _____

3. Shipping Container/Cooler _____

☒ Cooler Used? # of 1 Cooled by: ☒ Ice ☐ Blue Ice ☐ Dry Ice ☐ None
Temp °C 3.8

(Cooler temperature measured from temp blank if present, otherwise measured from the cooler).

Cooler Custody Seal? ☐ Absent ☐ Intact ☐ Tampered?

4. Sample Preservation _____

☐ pH <2 ☐ pH >12
If Not, pH = _____ Preserved by: ☐ Client ☐ APCL ☐ Third Party _____

5. Holding-time Requirements _____

☐ pH 24hr ☐ BACT 6/24hr ☐ Cr^{VI} 24hr ☐ NO₃⁻ 48hr ☐ BOD 48hr
☐ Cl₂ ASAP ☐ Turbidity 48hr ☐ DO ASAP ☐ Fe(II) ASAP
☐ HT Expired? ☐ Client notified?

6. Sample Container Condition _____

☒ Intact? ☐ Broken? ☐ Documented? Number: _____
Type: ☐ plastic ☒ glass ☐ Tube: brass/SS ☐ Tedlar Bag
☐ Quantity OK? ☐ Leaking? ☐ Anomaly?
☐ Caps tight? ☐ Air Bubbles? ☐ Anomaly?
Labels: ☐ Unique ID? ☒ Date/Time ☐ Preserved?

7. Turn Around Time _____

☒ RUSH TAT: 2 days ☐ Std (7-10 days) ☐ Not Marked

8. Sample Matrix _____

☐ Drinking H₂O ☐ Other Liq ☐ Soil ☐ Wipe ☐ Polymer ☐ Air ☐ Other: _____
☒ Ground H₂O ☐ Sludge ☐ Filter ☐ Oil/Petro ☐ Paint ☐ W. Water ☐ Extract ☐ Unknown

9. Pre-Login Check List Completed & OK? _____

☒ ALL OK? (if not, attach docs) ☐ Client Contact? (Name: _____) Date/Time: _____

Received/Checked by: [Signature] Printed: 5 Nov 2003 7:41 a.m.

*HT: Samples must be analyzed for results to reflect total concentrations. Results generated outside required of holding times are considered minimal values and may be used to define waste as hazardous but not as non-hazardous.

Applied P & Ch Laboratory

13760 Magnolia Ave., Chino CA 91710

Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Receiving Checklist

APCL Service ID: **6063**

Client Name/Project: Geofon

1. Sample Arrival

Date/Time Received 11/6/03 11:45 Date/Time Opened 11/6/03 11:45 By (name): [Signature]
Custody Transfer: ☒ Client ☐ Golden State ☐ UPS ☐ US Mail ☐ FedEx ☐ APCL Empl: _____

2. Chain-of-Custody (CoC)

☒ With Samples? ☐ Faxed? ☐ Client has Copy? ☒ Signed, dated? By: _____
☒ Project ID? ☒ Analyses Clear? ☐ Hold Samples? # on Hold _____ # Received _____
☐ CoC/Docs Zip-Locked under lid? ☐ Compos. #: _____ ☒ #Samples OK? _____
☐ Discrepancies? ☐ Client notified? ☐ Response (attach docs): _____

3. Shipping Container/Cooler

☒ Cooler Used? # of 3 Cooled by: ☒ Ice ☐ Blue Ice ☐ Dry Ice ☐ None
Temp °C 3.9
(Cooler temperature measured from temp blank if present, otherwise measured from the cooler).
Cooler Custody Seal? ☐ Absent ☒ Intact ☐ Tampered?

4. Sample Preservation

☐ pH <2 ☐ pH >12
If Not, pH = _____ Preserved by: ☐ Client ☐ APCL ☐ Third Party _____

5. Holding-time Requirements

☐ pH 24hr ☐ BACT 6/24hr ☐ Cr^{VI} 24hr ☐ NO₃⁻ 48hr ☐ BOD 48hr
☐ Cl₂ ASAP ☐ Turbidity 48hr ☐ DO ASAP ☐ Fe(II) ASAP
☐ HT Expired? ☐ Client notified?

6. Sample Container Condition

☒ Intact? ☐ Broken? ☐ Documented? Number: _____
Type: ☒ plastic ☒ glass ☐ Tube: brass/SS ☐ Tedlar Bag
☒ Quantity OK? ☐ Leaking? ☐ Anomaly?
☒ Caps tight? ☐ Air Bubbles? ☐ Anomaly?
Labels: ☒ Unique ID? ☒ Date/Time ☒ Preserved?

7. Turn Around Time

☒ RUSH TAT: _____ ☐ Std (7-10 days) ☐ Not Marked

8. Sample Matrix

☐ Drinking H₂O ☒ Other Liq ☐ Soil ☐ Wipe ☐ Polymer ☐ Air ☐ Other: _____
☐ Ground H₂O ☐ Sludge ☐ Filter ☐ Oil/Petro ☐ Paint ☐ W. Water ☐ Extract ☐ Unknown

9. Pre-Login Check List Completed & OK?

☒ ALL OK? (if not, attach docs) ☐ Client Contact? (Name: _____) Date/Time: _____
Received/Checked by: [Signature] Printed: 6 Nov 2003 7:35 a.m.

*HT: Samples must be analyzed for results to reflect total concentrations. Results generated outside required of holding times are considered minimal values and may be used to define waste as hazardous but not as non-hazardous.

Applied P & Ch Laboratory

13760 Magnolia Ave., Chino CA 91710

Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Receiving Checklist

APCL ServiceID: **6063**

Client Name/Project: Geofon

1. Sample Arrival

Date/Time Received 11/7/03 1555 Date/Time Opened 11/7/03 1555 By (name): _____

Custody Transfer: ☐ Client ☐ Golden State ☐ UPS ☐ US Mail ☐ FedEx ☒ APCL Empl: Richard

2. Chain-of-Custody (CoC)

☒ With Samples? ☐ Faxed? ☒ Client has Copy? ☐ Signed, dated? By: _____
☒ Project ID? ☒ Analyses Clear? ☐ Hold Samples? #on Hold _____ # Received _____
☐ CoC/Docs Zip-Locked under lid? ☐ Compos.#: _____ ☒ #Samples OK? _____
☐ Discrepancies? ☐ Client notified? ☐ Response (attach docs): _____

3. Shipping Container/Cooler

☒ Cooler Used? # of 3 Cooled by: ☒ Ice ☐ Blue Ice ☐ Dry Ice ☐ None

Temp °C 3.1

(Cooler temperature measured from temp blank if present, otherwise measured from the cooler).

Cooler Custody Seal? ☐ Absent ☐ Intact ☐ Tampered?

4. Sample Preservation

☐ pH <2 ☐ pH >12
 If Not, pH = _____ Preserved by: ☐ Client ☐ APCL ☐ Third Party _____

5. Holding-time Requirements

☐ pH 24hr ☐ BACT 6/24hr ☒ Cr^{VI} 24hr ☐ NO₃⁻ 48hr ☐ BOD 48hr
☐ Cl₂ ASAP ☐ Turbidity 48hr ☐ DO ASAP ☐ Fe(II) ASAP
☐ HT Expired? ☐ Client notified?

6. Sample Container Condition

☒ Intact? ☐ Broken? ☐ Documented? Number: _____
 Type: ☐ plastic ☒ glass ☐ Tube: brass/SS ☐ Tedlar Bag
☐ Quantity OK? ☐ Leaking? ☐ Anomaly?
☐ Caps tight? ☐ Air Bubbles? ☐ Anomaly?
 Labels: ☒ Unique ID? ☒ Date/Time ☐ Preserved?

7. Turn Around Time

☒ RUSH TAT 5 day ☐ Std (7-10 days) ☐ Not Marked

8. Sample Matrix

☐ Drinking H₂O ☐ Other Liq ☐ Soil ☐ Wipe ☐ Polymer ☐ Air ☐ Other: _____
☒ Ground H₂O ☐ Sludge ☐ Filter ☐ Oil/Petro ☐ Paint ☐ W. Water ☐ Extract ☐ Unknown

9. Pre-Login Check List Completed & OK?

☒ ALL OK? (if not, attach docs) ☐ Client Contact? (Name: _____) Date/Time: _____

Received/Checked by: [Signature] Printed: 7 Nov 2003 7:33 a.m.

* HT: Samples must be analyzed for results to reflect total concentrations. Results generated outside required of holding times are considered minimal values and may be used to define waste as hazardous but not as non-hazardous.

Applied P & Ch Laboratory

13760 Magnolia Ave., Chino CA 91710

Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Receiving ChecklistAPCL ServiceID: **6063** Client Name/Project: Geofon**1. Sample Arrival**Date/Time Received 11/10/03 1300 Date/Time Opened 11/10/03 1300 By (name): Jason
Custody Transfer: ☐ Client ☐ Golden State ☐ UPS ☐ US Mail ☐ FedEx ☒ APCL Empl: SE**2. Chain-of-Custody (CoC)**

☒ With Samples?	☐ Faxed?	☒ Client has Copy?	☐ Signed, dated? By: _____
☒ Project ID?	☒ Analyses Clear?	☐ Hold Samples?	#on Hold _____ # Received _____
☐ CoC/Docs Zip-Locked under lid?		☐ Compos. #: _____	☒ #Samples OK?
☐ Discrepancies?	☐ Client notified?	☐ Response (attach docs): _____	

3. Shipping Container/Cooler☒ Cooler Used? # of 3 Cooled by: ☒ Ice ☐ Blue Ice ☐ Dry Ice ☐ None
Temp °C 3-
(Cooler temperature measured from temp blank if present, otherwise measured from the cooler).
Cooler Custody Seal? ☐ Absent ☐ Intact ☐ Tampered?**4. Sample Preservation**☐ pH <2 ☐ pH >12
If Not, pH = _____ Preserved by: ☐ Client ☐ APCL ☐ Third Party _____**5. Holding-time Requirements**

☐ pH 24hr	☐ BACT 6/24hr	☒ Cr ^{VI} 24hr	☐ NO ₃ 48hr	☐ BOD 48hr
☐ Cl ₂ ASAP	☐ Turbidity 48hr	☐ DO ASAP	☐ Fe(II) ASAP	
☐ HT Expired?	☐ Client notified?			

6. Sample Container Condition

☒ Intact?	☐ Broken?	☐ Documented?	Number: _____
Type: ☐ plastic	☒ glass	☐ Tube: brass/SS	☐ Tedlar Bag
☐ Quantity OK?	☐ Leaking?	☐ Anomaly?	
☐ Caps tight?	☐ Air Bubbles?	☐ Anomaly?	
Labels: ☐ Unique ID?	☒ Date/Time	☐ Preserved?	

7. Turn Around Time☒ RUSH TAT: 2 day ☐ Std (7-10 days) ☐ Not Marked**8. Sample Matrix**

☐ Drinking H ₂ O	☐ Other Liq	☐ Soil	☐ Wipe	☐ Polymer	☐ Air	☐ Other: _____
☒ Ground H ₂ O	☐ Sludge	☐ Filter	☐ Oil/Petro	☐ Paint	☐ W. Water	☐ Extract ☐ Unknown

9. Pre-Login Check List Completed & OK?☒ ALL OK? (if not, attach docs) ☐ Client Contact? (Name: _____) Date/Time: _____Received/Checked by: fr Printed: 10 Nov 2003 7:18 a.m.

*HT: Samples must be analyzed for results to reflect total concentrations. Results generated outside required of holding times are considered minimal values and may be used to define waste as hazardous but not as non-hazardous.

Applied P & Ch Laboratory

13760 Magnolia Ave. Chino CA 91710

Tel: (909) 590-1828 Fax: (909) 590-1498

Sample Login: Check List**03-06063 (0470_ 191) (2202777_ 191)****11/14/03****Part 1: General Information**

☐ Company Information	Name:	<i>GEOFON, Inc.</i>
	Address:	<i>22632 Golden Spring Dr Ste 270 ,Diamond Bar ,CA 91765</i>
☐ Project Information	Project Description:	<i>JPL</i>
	Project #:	<i>04-4428.10</i>
☐ Billing Information	P.O. #:	
	Bill Address:	<i>22632 Golden Spring Dr Ste 270 ,Diamond Bar ,CA 91765</i>
	Lab Project ID:	
	Client Database #:	<i>3</i>
☐ Receiving Information	Who Received Sample?	<i>Jason N.</i>
	Receiving Date/Time:	<i>11/10/03 1300</i>
	COC No.	
☐ Shipping Information	Shipping Company -	<i>APCL pick up</i>
	Packing Information:	<i>Cooler/Ice Chester</i>
	Cooler Temperature:	<i>3.1 °C</i>
☐ Container Information	Container Provider:	<i>Client</i>
☐ Sampling Information	Sampling Person:	<i>JR</i>
	Sampling Company:	<i>Client</i>
☐ Turn-Around-Time Option:		<i>Rush 5 working day(s)</i>
☐ QC Option:		<i>NEESA C</i>
☐ Disposal Option:		<i>Not specify</i>

Part 2: Sample Information

Seq. #	Sample ID (on COC)	Sample Sub-ID	APCL Sample ID	Matrix	Cont- tainer	Preser- vative	Vol, ml Am. g	# of Replica	Condition G, L, B	Collected mmddyy	Hold ?	Composite Group	TAT Days
1	MW-21-5	Cr	03-06063-33	W	P		500	1	G	103003	N	0	6 ☐
2	MW-21-4	Cr	03-06063-32	W	P		500	2	G	103003	N	0	6 ☐
3	MW-21-3	Cr	03-06063-31	W	P		500	1	G	103003	N	0	6 ☐
4	MW-21-2	Cr	03-06063-30	W	P		500	1	G	103003	N	0	6 ☐
5	MW-21-1	Cr	03-06063-29	W	P		500	1	G	103003	N	0	6 ☐
6	EB-7-10-30-03	Cr	03-06063-4	W	P		500	1	G	103003	N	0	6 ☐
7	MW-3-5	Cr	03-06063-18	W	P		500	1	G	110303	N	0	6 ☐
8	MW-3-4	Cr	03-06063-17	W	P		500	1	G	110303	N	0	6 ☐
9	MW-3-3	Cr	03-06063-16	W	P		500	1	G	110303	N	0	6 ☐
10	EB-8-11-3-03	Cr	03-06063-5	W	P		500	1	G	110303	N	0	6 ☐
11	MW-17-5	Cr	03-06063-28	W	P		500	1	G	110403	N	0	6 ☐
12	MW-17-4	Cr	03-06063-27	W	P		500	1	G	110403	N	0	6 ☐
13	MW-17-3	Cr	03-06063-26	W	P		500	1	G	110403	N	0	6 ☐
14	MW-17-2	Cr	03-06063-25	W	P		500	1	G	110403	N	0	6 ☐
15	MW-17-1	Cr	03-06063-24	W	P		500	1	G	110403	N	0	6 ☐
16	DUPE-5-4-Q03	Cr	03-06063-2	W	P		500	1	G	110403	N	0	6 ☐
17	MW-14-5	Cr	03-06063-23	W	P		500	1	G	110403	N	0	6 ☐
18	MW-14-4	Cr	03-06063-22	W	P		500	1	G	110403	N	0	6 ☐
19	MW-14-3	Cr	03-06063-21	W	P		500	1	G	110403	N	0	6 ☐
20	MW-14-2	Cr	03-06063-20	W	P		500	1	G	110403	N	0	6 ☐
21	MW-14-1	Cr	03-06063-19	W	P		500	1	G	110403	N	0	6 ☐
22	EB-9-11-4-03	Cr	03-06063-6	W	P		500	1	G	110403	N	0	6 ☐
23	MW-10	Cr	03-06063-12	W	P		500	1	G	110603	N	0	6 ☐
24	MW-5	Cr	03-06063-8	W	P		500	2	G	110603	N	0	6 ☐
25	MW-8	Cr	03-06063-11	W	P		500	1	G	110603	N	0	6 ☐
26	DUPE-7-4-Q03	Cr	03-06063-3	W	P		500	1	G	110603	N	0	6 ☐
27	MW-6	Cr	03-06063-9	W	P		500	1	G	110703	N	0	6 ☐
28	MW-13	Cr	03-06063-13	W	P		500	2	G	110703	N	0	6 ☐
29	MW-15	Cr	03-06063-14	W	P		500	1	G	110703	N	0	6 ☐
30	DUPE-2-4-Q03	Cr	03-06063-1	W	P		500	1	G	110703	N	0	6 ☐
31	MW-16	Cr	03-06063-15	W	P		500	1	G	111003	N	0	6 ☐
32	MW-7	Cr	03-06063-10	W	P		500	1	G	111003	N	0	6 ☐
33	MW-2	Cr	03-06063-7	W	P		500	1	G	111003	N	0	6 ☐
34	MW-9	Cr	03-06063-34	W	P		500	1	G	110503	N	0	6 ☐
35	MW-3-2	Cr	03-06063-36	W	P		500	1	G	110503	N	0	6 ☐
36	MW-3-1	Cr	03-06063-35	W	P		500	1	G	110503	N	0	6 ☐

Part 3: Analysis Information

Test Items: ☐ 200.7/6010B Chromium, Cr, by ICP

Seq.	Client's Sample ID	Sample	APCL
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#	(as given on COC)	Sub-ID	Sample ID	Matrix	CR	
1	MW-21-5	Cr	03-06063-33	W	X	☐
2	MW-21-4	Cr	03-06063-32	W	X	☐
3	MW-21-3	Cr	03-06063-31	W	X	☐
4	MW-21-2	Cr	03-06063-30	W	X	☐
5	MW-21-1	Cr	03-06063-29	W	X	☐
6	EB-7-10-30-03	Cr	03-06063-4	W	X	☐
7	MW-3-5	Cr	03-06063-18	W	X	☐
8	MW-3-4	Cr	03-06063-17	W	X	☐
9	MW-3-3	Cr	03-06063-16	W	X	☐
10	EB-8-11-3-03	Cr	03-06063-5	W	X	☐
11	MW-17-5	Cr	03-06063-28	W	X	☐
12	MW-17-4	Cr	03-06063-27	W	X	☐
13	MW-17-3	Cr	03-06063-26	W	X	☐
14	MW-17-2	Cr	03-06063-25	W	X	☐
15	MW-17-1	Cr	03-06063-24	W	X	☐
16	DUPE-5-4-Q03	Cr	03-06063-2	W	X	☐
17	MW-14-5	Cr	03-06063-23	W	X	☐
18	MW-14-4	Cr	03-06063-22	W	X	☐
19	MW-14-3	Cr	03-06063-21	W	X	☐
20	MW-14-2	Cr	03-06063-20	W	X	☐
21	MW-14-1	Cr	03-06063-19	W	X	☐
22	EB-9-11-4-03	Cr	03-06063-6	W	X	☐
23	MW-10	Cr	03-06063-12	W	X	☐
24	MW-5	Cr	03-06063-8	W	X	☐
25	MW-8	Cr	03-06063-11	W	X	☐
26	DUPE-7-4-Q03	Cr	03-06063-3	W	X	☐
27	MW-6	Cr	03-06063-9	W	X	☐
28	MW-13	Cr	03-06063-13	W	X	☐
29	MW-15	Cr	03-06063-14	W	X	☐
30	DUPE-2-4-Q03	Cr	03-06063-1	W	X	☐
31	MW-16	Cr	03-06063-15	W	X	☐
32	MW-7	Cr	03-06063-10	W	X	☐
33	MW-2	Cr	03-06063-7	W	X	☐
34	MW-9	Cr	03-06063-34	W	X	☐
35	MW-3-2	Cr	03-06063-36	W	X	☐
36	MW-3-1	Cr	03-06063-35	W	X	☐

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