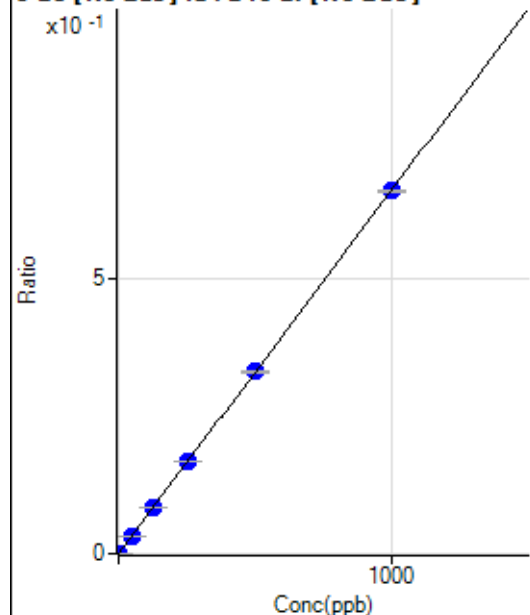


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012320IMS.b\
Analysis File: P8012320IMS.batch.bin
DA Date-Time: 2020-01-23 13:28:26
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S0	2020-01-23 13:50:37
2	006CALS.d	S02	2020-01-23 13:53:39
3	007CALS.d	S03	2020-01-23 13:56:39
4	008CALS.d	S04	2020-01-23 13:59:41
5	009CALS.d	S05	2020-01-23 14:02:39
6	010CALS.d	S06	2020-01-23 14:05:39
7	011CALS.d	S07	2020-01-23 14:08:37
8	012CALS.d	S08	2020-01-23 14:11:38

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.00	0.0000	P	24.3
2	☐	1.000	0.978	419.93	0.0007	P	13.0
3	☐	50.000	49.338	20249.18	0.0327	P	0.8
4	☐	125.000	124.571	51236.86	0.0825	P	0.3
5	☐	250.000	252.765	104120.40	0.1674	P	0.4
6	☐	500.000	501.799	209833.88	0.3323	P	0.9
7	☐	1000.000	998.496	423660.28	0.6611	P	0.4
8	☐			113.98	0.0002	P	20.7

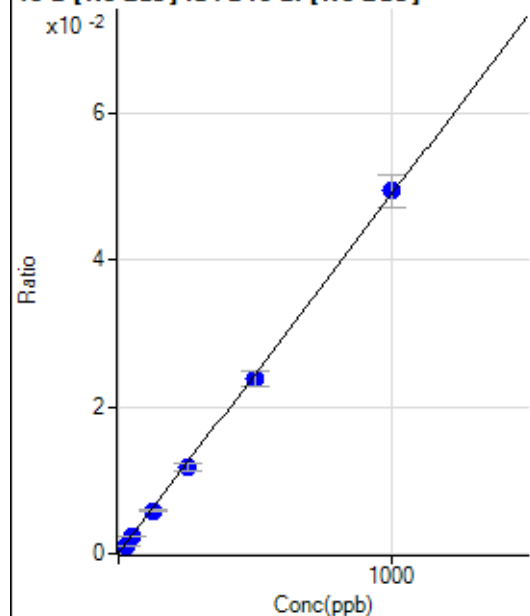
$$y = 6.6208\text{E-}004 * x + 3.6313\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04006$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	34.66	0.0001	P	40.3
2	☐	25.000	19.699	625.89	0.0010	P	11.3
3	☐	50.000	46.376	1437.79	0.0023	P	4.5
4	☐	125.000	119.202	3651.08	0.0059	P	8.0
5	☐	250.000	239.669	7313.73	0.0118	P	8.0
6	☐	500.000	486.786	15045.41	0.0238	P	9.2
7	☐	1000.000	1010.228	31631.66	0.0494	P	9.3
8	☐			6276.78	0.0103	P	9.5

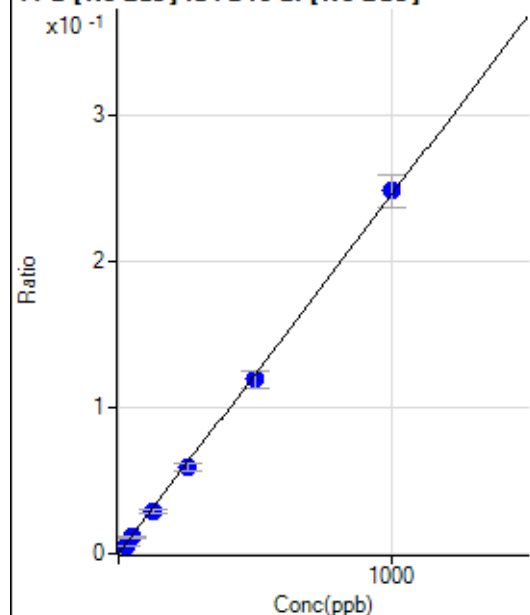
$$y = 4.8827\text{E-}005 * x + 5.7498\text{E-}005$$

$$R = 0.9998$$

$$DL = 1.425$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	115.98	0.0002	P	13.5
2	☐	25.000	21.184	3307.06	0.0054	P	8.5
3	☐	50.000	46.142	7125.00	0.0115	P	6.6
4	☐	125.000	116.661	17890.73	0.0288	P	8.5
5	☐	250.000	240.049	36729.21	0.0591	P	9.2
6	☐	500.000	485.324	75278.24	0.1192	P	9.1
7	☐	1000.000	1011.157	158960.98	0.2482	P	8.9
8	☐			31419.95	0.0517	P	7.5

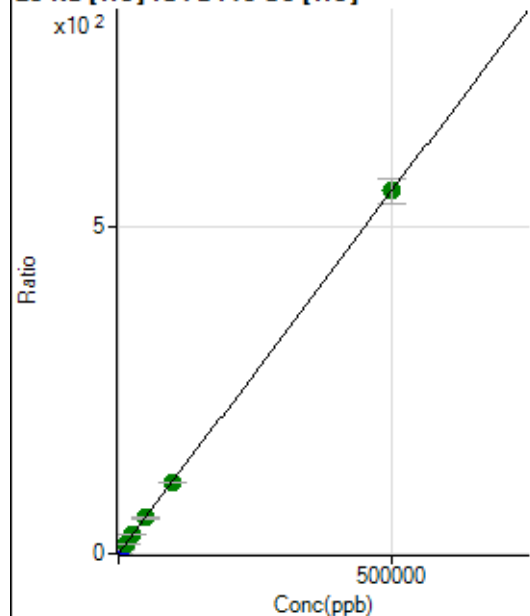
$$y = 2.4524\text{E-}004 * x + 1.9084\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.3146$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20450.90	0.2884	P	1.6
2	☐	500.000	498.230	60899.83	0.8389	P	0.5
3	☐	5000.000	5020.951	421654.86	5.8361	P	2.7
4	☐	12500.000	12487.145	1030463.88	14.0856	A	0.9
5	☐	25000.000	25300.640	2086767.30	28.2435	A	0.9
6	☐	50000.000	49404.296	4118534.55	54.8759	A	2.6
7	☐	100000.00	97450.882	8587913.99	107.9633	A	1.4
8	☐	500000.00	500554.47	39778141.86	553.3584	A	7.1

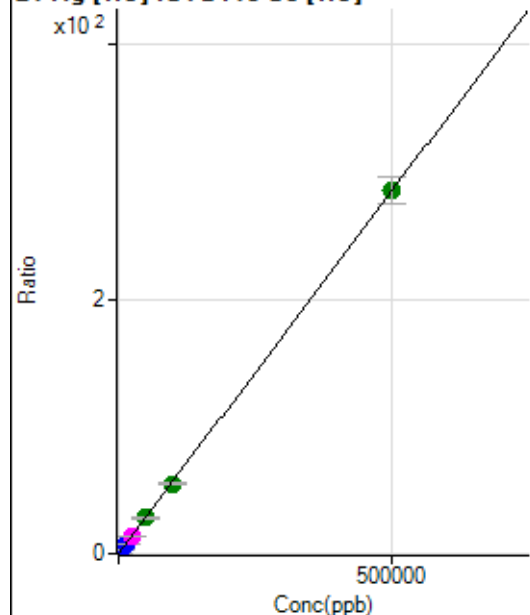
$$y = 0.0011 * x + 0.2884$$

$$R = 1.0000$$

$$DL = 12.5$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	205.56	0.0029	P	14.2
2	☐	500.000	521.232	21755.54	0.2997	P	4.9
3	☐	5000.000	5026.092	206955.99	2.8645	P	2.9
4	☐	12500.000	12540.022	522481.70	7.1426	P	2.3
5	☐	25000.000	25047.176	1053864.00	14.2635	M	0.4
6	☐	50000.000	49266.872	2105737.53	28.0530	A	1.0
7	☐	100000.00	96632.068	4376837.77	55.0205	A	0.8
8	☐	500000.00	500743.25	20493264.00	285.1015	A	7.2

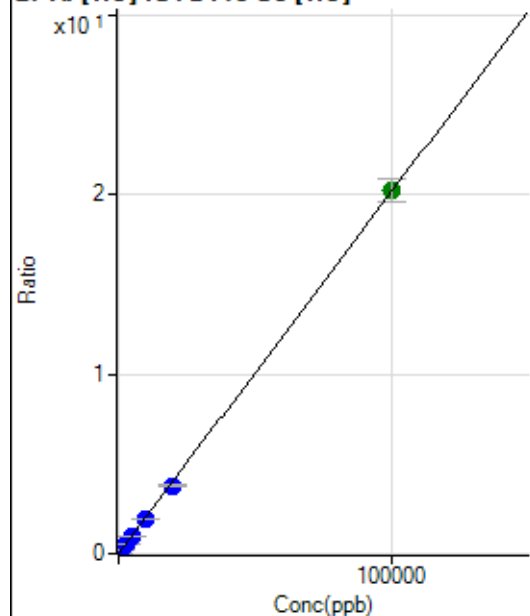
$$y = 5.6935E-004 * x + 0.0029$$

$$R = 1.0000$$

$$DL = 2.171$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	306.67	0.0043	P	15.1
2	☐	20.000	18.123	578.91	0.0080	P	6.4
3	☐	1000.000	949.026	14106.97	0.1952	P	1.5
4	☐	2500.000	2382.144	35369.64	0.4835	P	0.8
5	☐	5000.000	4806.396	71749.42	0.9711	P	0.1
6	☐	10000.000	9572.279	144854.96	1.9297	P	0.5
7	☐	20000.000	18788.415	300960.60	3.7835	P	1.2
8	☐	100000.00	100298.22	1450887.01	20.1786	A	6.5

$$y = 2.0114E-004 * x + 0.0043$$

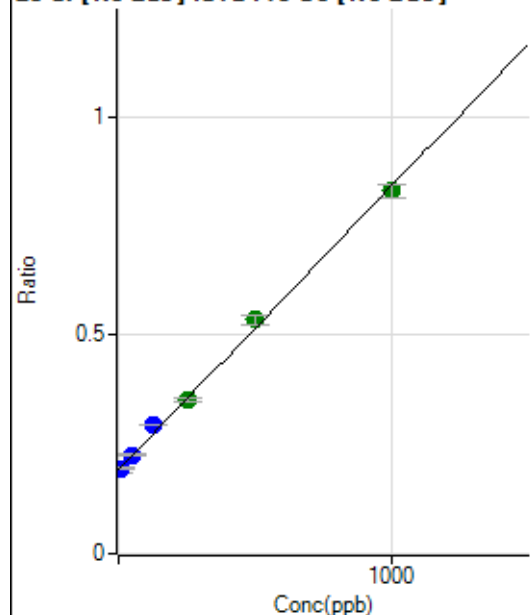
$$R = 0.9999$$

$$DL = 9.748$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	472976.27	0.1915	P	5.4
2	☐	10.000	5.866	493103.52	0.1953	P	3.1
3	☐	50.000	52.969	582349.47	0.2260	P	2.8
4	☐	125.000	160.022	760334.26	0.2956	P	0.4
5	☐	250.000	246.903	932987.62	0.3521	A	2.0
6	☐	500.000	528.322	1428385.36	0.5351	A	3.5
7	☐	1000.000	982.129	2265122.77	0.8303	A	3.4
8	☐			558305.46	0.2107	P	1.7

$$y = 6.5037E-004 * x + 0.1915$$

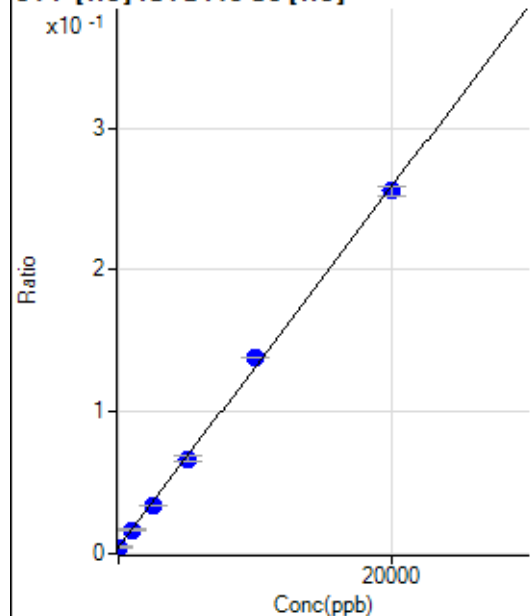
$$R = 0.9987$$

$$DL = 47.89$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-14.112	300.01	0.0042	P	18.6
2	☐	0.000	14.112	333.34	0.0046	P	10.1
3	☐	1000.000	985.167	1222.31	0.0169	P	11.8
4	☐	2500.000	2293.203	2453.05	0.0335	P	0.8
5	☐	5000.000	4900.151	4923.19	0.0666	P	6.6
6	☐	10000.000	10543.219	10378.99	0.1383	P	0.3
7	☐	20000.000	19779.944	20328.56	0.2555	P	2.9
8	☐			291.68	0.0041	P	35.9

$$y = 1.2696E-005 * x + 0.0044$$

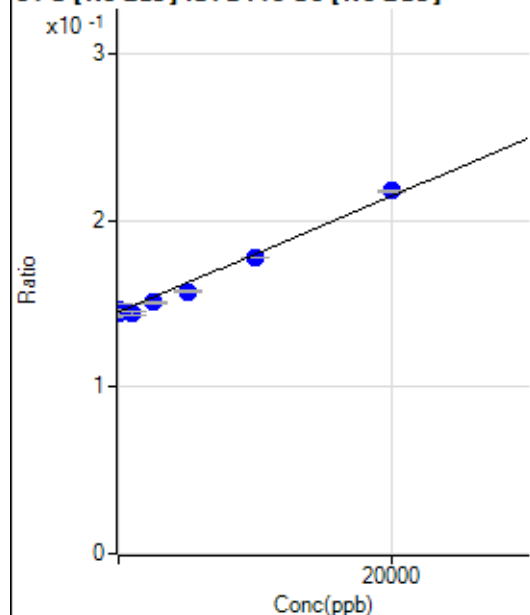
$$R = 0.9994$$

$$DL = 148.2$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	251.161	360885.81	0.1461	P	4.8
2	☐	0.000	-251.161	364436.90	0.1444	P	2.8
3	☐	1000.000	-208.896	372437.51	0.1445	P	1.9
4	☐	2500.000	1653.351	388341.18	0.1510	P	0.8
5	☐	5000.000	3518.628	417243.19	0.1575	P	0.9
6	☐	10000.000	9290.987	473914.93	0.1775	P	0.1
7	☐	20000.000	20891.125	594454.56	0.2179	P	0.3
8	☐			340384.27	0.1285	P	1.4

$$y = 3.4772\text{E-}006 * x + 0.1452$$

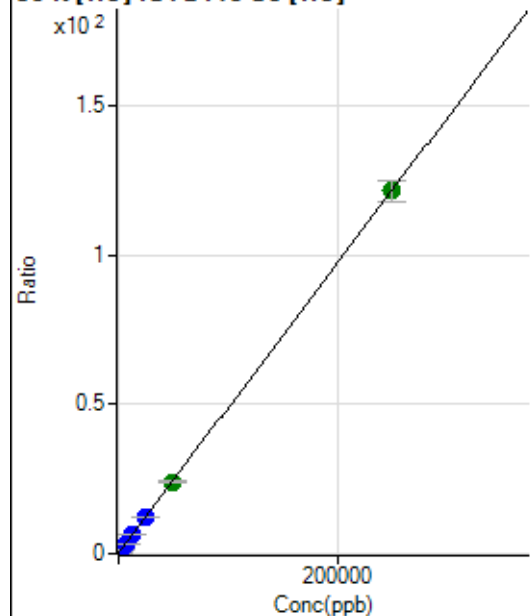
$$R = 0.9957$$

$$DL = 4766$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	14674.41	0.2069	P	1.9
2	☐	500.000	482.683	32013.73	0.4410	P	0.8
3	☐	2500.000	2435.237	100280.99	1.3879	P	2.7
4	☐	6250.000	6201.465	235137.95	3.2143	P	1.1
5	☐	12500.000	12344.089	457572.57	6.1932	P	0.4
6	☐	25000.000	25010.905	925912.79	12.3359	P	1.2
7	☐	50000.000	49093.427	1910287.89	24.0146	A	1.3
8	☐	250000.00	250189.91	8740423.89	121.5357	A	6.0

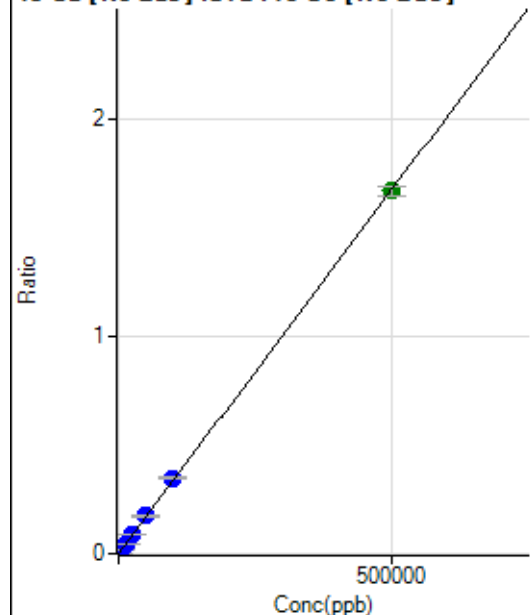
$$y = 4.8495\text{E-}004 * x + 0.2069$$

$$R = 1.0000$$

$$DL = 24.01$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	605.59	0.0002	P	6.8
2	☐	500.000	528.005	5078.82	0.0020	P	1.3
3	☐	5000.000	4987.768	43628.25	0.0169	P	2.2
4	☐	12500.000	13011.343	112567.44	0.0438	P	0.7
5	☐	25000.000	25643.563	227923.25	0.0860	P	1.3
6	☐	50000.000	51832.589	463400.35	0.1736	P	2.0
7	☐	100000.00	104383.81	953181.79	0.3494	P	1.4
8	☐	500000.00	498895.11	4421864.60	1.6688	A	2.9

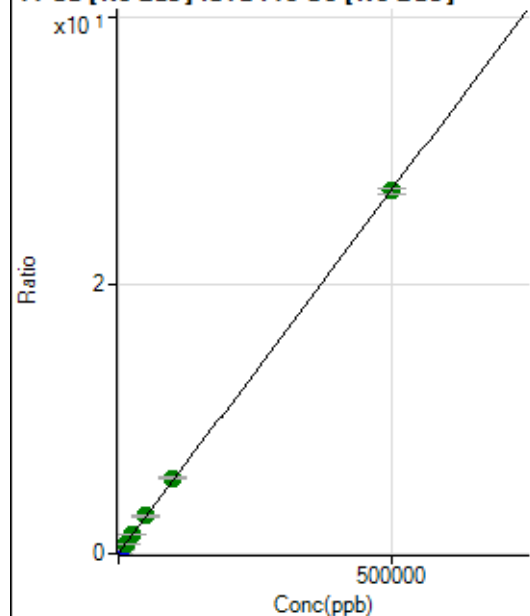
$$y = 3.3446\text{E-}006 * x + 2.4518\text{E-}004$$

$$R = 1.0000$$

$$DL = 14.87$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	46773.90	0.0189	P	5.8
2	☐	500.000	527.334	119866.94	0.0475	P	2.3
3	☐	5000.000	5103.203	760599.08	0.2951	P	0.7
4	☐	12500.000	13254.020	1893295.12	0.7361	A	0.5
5	☐	25000.000	25945.898	3770102.12	1.4228	A	1.0
6	☐	50000.000	51394.711	7473377.60	2.7997	A	1.6
7	☐	100000.00	103750.48	15367448.61	5.6325	A	1.1
8	☐	500000.00	499043.22	71601442.57	27.0205	A	1.5

$$y = 5.4107\text{E-}005 * x + 0.0189$$

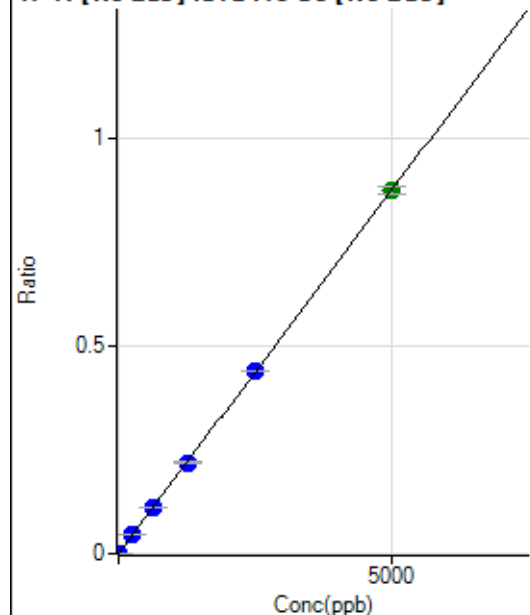
$$R = 1.0000$$

$$DL = 61.26$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	927.83	0.0004	P	4.4
2	☐	10.000	5.059	3180.99	0.0013	P	2.3
3	☐	250.000	250.380	113828.52	0.0442	P	0.5
4	☐	625.000	639.013	288340.30	0.1121	P	1.5
5	☐	1250.000	1253.379	581713.76	0.2195	P	0.4
6	☐	2500.000	2508.155	1171657.70	0.4389	P	0.5
7	☐	5000.000	4993.317	2383011.58	0.8735	A	2.0
8	☐			1366.77	0.0005	P	10.1

$$y = 1.7485E-004 * x + 3.7513E-004$$

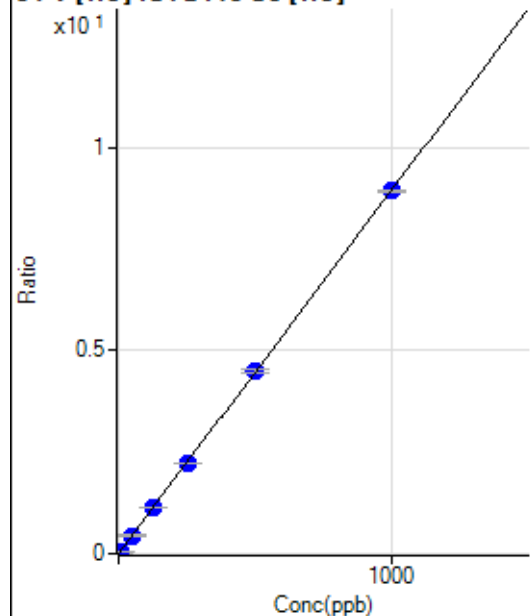
$$R = 1.0000$$

$$DL = 0.2814$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD :45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0003	P	48.3
2	☐	5.000	5.400	3524.92	0.0486	P	3.4
3	☐	50.000	49.899	32230.78	0.4461	P	3.1
4	☐	125.000	124.761	81569.74	1.1150	P	0.6
5	☐	250.000	249.766	164898.30	2.2319	P	0.4
6	☐	500.000	502.675	337123.08	4.4915	P	1.4
7	☐	1000.000	998.754	709852.23	8.9237	P	0.9
8	☐			277.78	0.0039	P	10.2

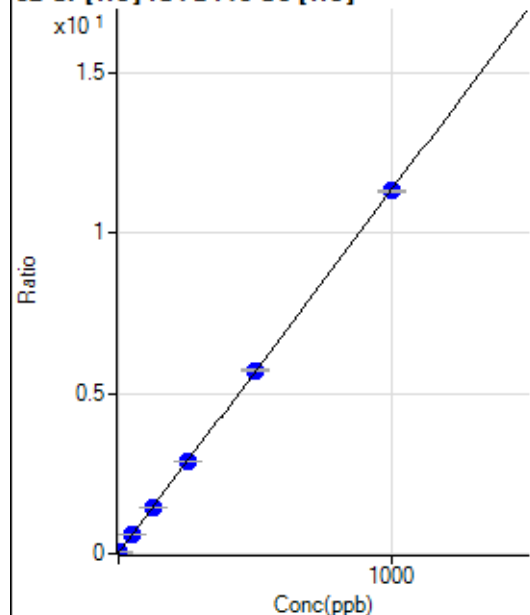
$$y = 0.0089 * x + 3.1390E-004$$

$$R = 1.0000$$

$$DL = 0.05096$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1430.09	0.0202	P	3.1
2	☐	2.000	2.068	3159.27	0.0435	P	4.6
3	☐	50.000	49.838	42170.98	0.5836	P	2.0
4	☐	125.000	125.661	105396.08	1.4408	P	1.2
5	☐	250.000	252.172	212122.52	2.8710	P	1.2
6	☐	500.000	503.368	428633.00	5.7107	P	1.5
7	☐	1000.000	997.698	898815.87	11.2991	P	0.9
8	☐			16430.61	0.2284	P	5.3

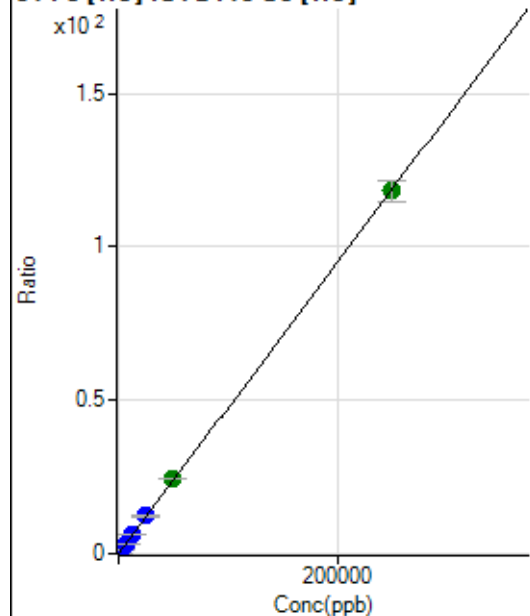
$$y = 0.0113 * x + 0.0202$$

$$R = 1.0000$$

$$DL = 0.1673$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	375.94	0.0053	P	6.0
2	☐	50.000	54.948	2274.29	0.0313	P	1.2
3	☐	2500.000	2556.821	87920.49	1.2168	P	1.9
4	☐	6250.000	6508.416	225960.07	3.0891	P	2.5
5	☐	12500.000	12843.392	450005.48	6.0907	P	0.7
6	☐	25000.000	25835.331	919150.03	12.2465	P	2.0
7	☐	50000.000	51922.434	1957500.82	24.6069	A	0.4
8	☐	250000.00	249507.78	8503430.22	118.2259	A	5.7

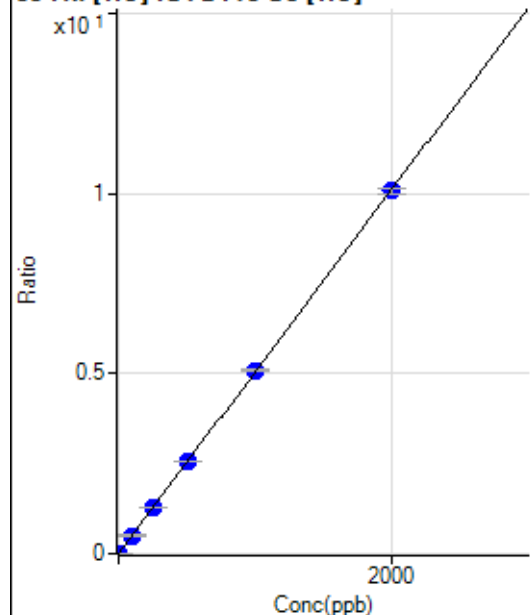
$$y = 4.7382E-004 * x + 0.0053$$

$$R = 1.0000$$

$$DL = 2.016$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	98.89	0.0014	P	21.0
2	☐	1.000	1.004	468.90	0.0065	P	3.2
3	☐	100.000	99.793	36513.28	0.5053	P	2.3
4	☐	250.000	252.514	93371.65	1.2765	P	2.2
5	☐	500.000	505.428	188668.57	2.5535	P	0.1
6	☐	1000.000	1008.218	382245.52	5.0924	P	0.9
7	☐	2000.000	1994.230	801120.58	10.0713	P	1.4
8	☐			3433.78	0.0477	P	4.2

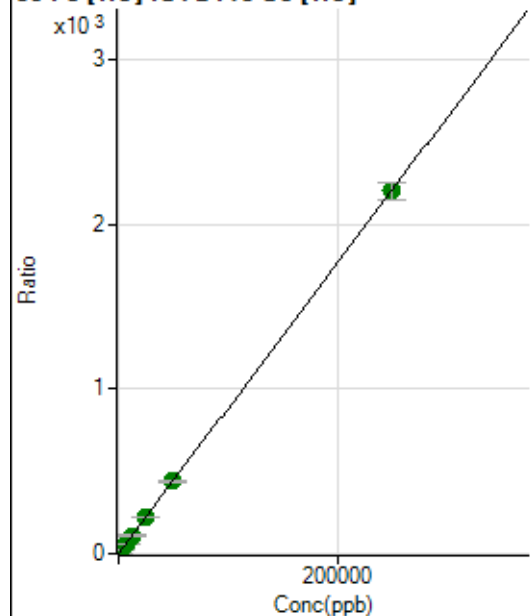
$$y = 0.0050 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 0.1738$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2766.98	0.0390	P	4.6
2	☐	50.000	52.318	36327.90	0.5005	P	2.3
3	☐	2500.000	2481.609	1584616.96	21.9290	A	1.6
4	☐	6250.000	6309.205	4074115.54	55.6919	A	1.6
5	☐	12500.000	12553.721	8184738.95	110.7741	A	1.1
6	☐	25000.000	24919.923	16500236.13	219.8550	A	2.8
7	☐	50000.000	49888.157	35007394.07	440.0972	A	1.4
8	☐	250000.00	250026.39	158680309.1	2,205.495	A	4.9

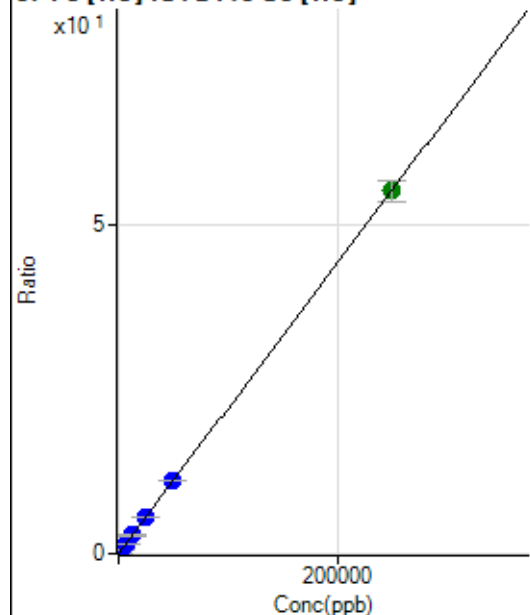
$$y = 0.0088 * x + 0.0390$$

$$R = 1.0000$$

$$DL = 0.6144$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	62.96	0.0009	P	12.4
2	☐	50.000	49.933	864.85	0.0119	P	5.1
3	☐	2500.000	2476.556	39569.87	0.5478	P	4.1
4	☐	6250.000	6310.733	102002.86	1.3944	P	2.1
5	☐	12500.000	12599.158	205624.64	2.7831	P	0.3
6	☐	25000.000	25060.179	415384.48	5.5347	P	2.8
7	☐	50000.000	49868.976	876072.42	11.0131	P	0.3
8	☐	250000.00	250013.94	3970434.49	55.2096	A	6.0

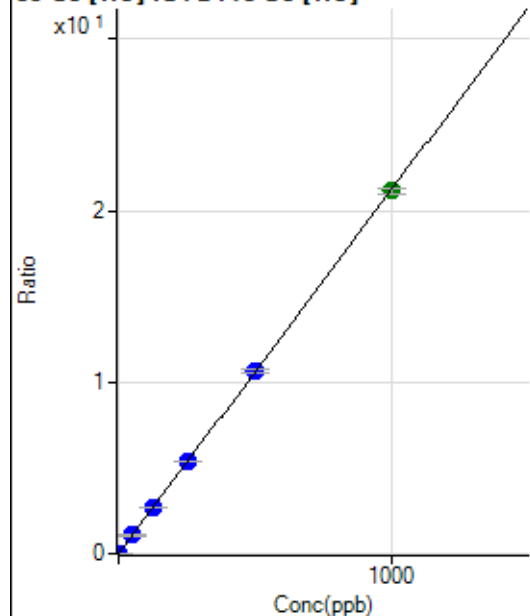
$$y = 2.2082\text{E-}004 * x + 8.8700\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.49$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	56.66	0.0008	P	63.5
2	☐	1.000	1.060	1690.12	0.0233	P	4.3
3	☐	50.000	50.337	77206.91	1.0688	P	3.6
4	☐	125.000	126.748	196787.12	2.6900	P	2.0
5	☐	250.000	254.447	398909.52	5.3993	P	1.1
6	☐	500.000	503.994	802617.13	10.6938	P	2.2
7	☐	1000.000	996.656	1682224.78	21.1464	A	1.3
8	☐			2614.71	0.0364	P	8.3

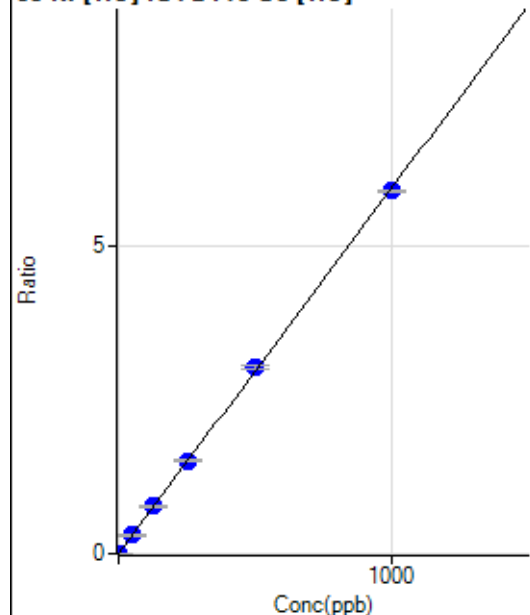
$$y = 0.0212 * x + 8.0396\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.07218$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	76.67	0.0011	P	32.7
2	☐	1.000	1.093	548.90	0.0076	P	9.5
3	☐	50.000	50.559	21755.61	0.3012	P	4.2
4	☐	125.000	129.064	56126.97	0.7672	P	1.5
5	☐	250.000	254.751	111807.38	1.5133	P	0.3
6	☐	500.000	510.529	227526.60	3.0315	P	2.4
7	☐	1000.000	993.012	468985.68	5.8955	P	0.6
8	☐			5432.21	0.0755	P	5.0

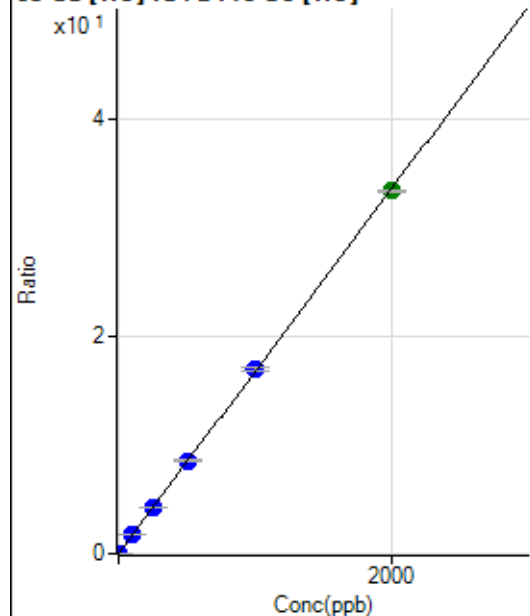
$$y = 0.0059 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.1782$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	175.56	0.0025	P	12.5
2	☐	2.000	2.015	2635.83	0.0363	P	7.4
3	☐	100.000	101.929	123926.88	1.7151	P	2.0
4	☐	250.000	255.675	314434.86	4.2983	P	1.1
5	☐	500.000	510.115	633428.60	8.5733	P	1.2
6	☐	1000.000	1014.318	1279243.49	17.0449	P	2.6
7	☐	2000.000	1989.506	2659270.05	33.4298	A	0.7
8	☐			6582.71	0.0914	P	4.6

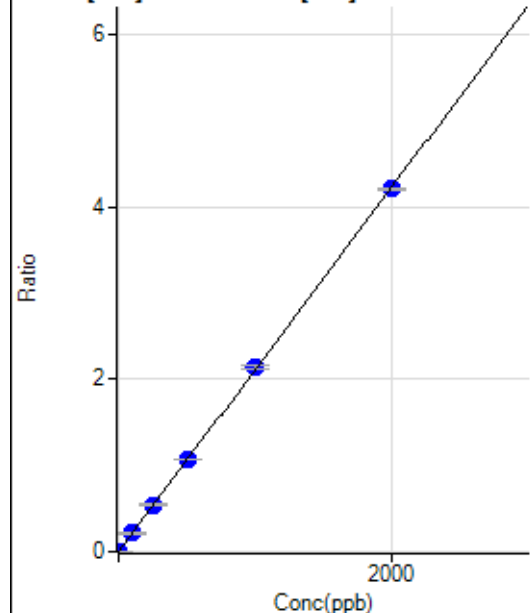
$$y = 0.0168 * x + 0.0025$$

$$R = 0.9999$$

$$DL = 0.05525$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	73.33	0.0010	P	30.9
2	☐	5.000	1.981	378.90	0.0052	P	8.2
3	☐	100.000	100.116	15378.43	0.2128	P	1.7
4	☐	250.000	255.558	39620.86	0.5416	P	2.2
5	☐	500.000	506.030	79162.70	1.0715	P	1.4
6	☐	1000.000	1010.724	160549.74	2.1391	P	2.0
7	☐	2000.000	1992.437	335354.65	4.2158	P	0.8
8	☐			4459.63	0.0621	P	9.4

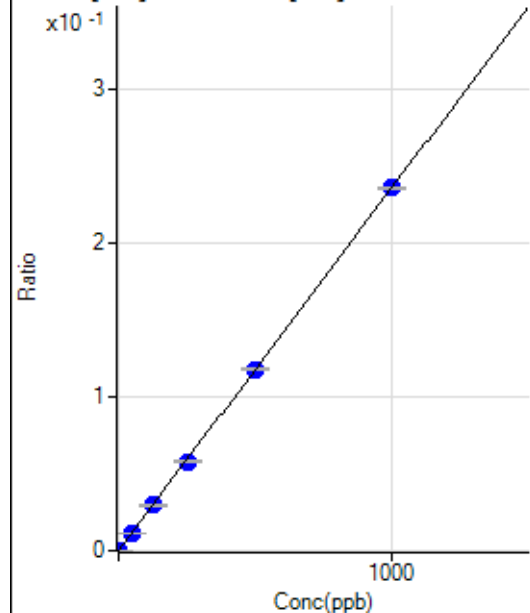
$$y = 0.0021 * x + 0.0010$$

$$R = 1.0000$$

$$DL = 0.4528$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7.67	0.0000	P	45.1
2	☐	1.000	1.078	128.01	0.0003	P	3.2
3	☐	50.000	49.594	5461.61	0.0117	P	1.0
4	☐	125.000	125.649	14130.81	0.0296	P	1.9
5	☐	250.000	246.619	28314.40	0.0580	P	0.5
6	☐	500.000	499.820	57551.38	0.1176	P	1.3
7	☐	1000.000	1000.875	121812.72	0.2354	P	0.3
8	☐			59.01	0.0001	P	17.2

$$y = 2.3516E-004 * x + 1.6351E-005$$

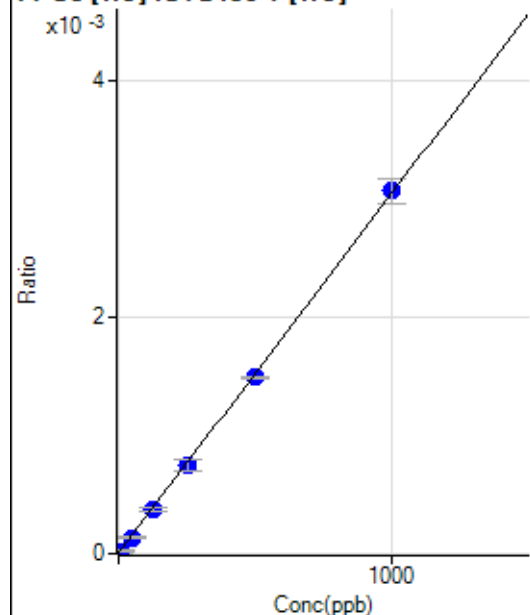
$$R = 1.0000$$

$$DL = 0.09405$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	5.000	6.138	11.11	0.0000	P	96.3
3	☐	50.000	43.073	63.34	0.0001	P	18.7
4	☐	125.000	123.321	181.11	0.0004	P	8.0
5	☐	250.000	244.089	364.45	0.0007	P	13.8
6	☐	500.000	488.145	727.81	0.0015	P	2.0
7	☐	1000.000	1007.956	1585.66	0.0031	P	7.1
8	☐			3.33	0.0000	P	104.1

$$y = 3.0356\text{E-}006 * x + 4.7572\text{E-}006$$

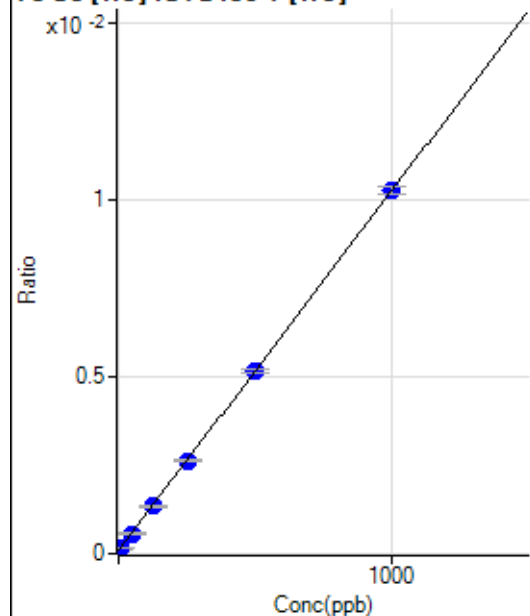
$$R = 0.9999$$

$$DL = 8.143$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	40.67	0.0001	P	3.6
2	☐	5.000	6.107	70.68	0.0001	P	6.6
3	☐	50.000	47.556	266.70	0.0006	P	7.4
4	☐	125.000	124.801	647.75	0.0014	P	4.1
5	☐	250.000	249.563	1279.52	0.0026	P	2.0
6	☐	500.000	500.518	2531.49	0.0052	P	2.3
7	☐	1000.000	999.992	5301.20	0.0102	P	2.1
8	☐			36.67	0.0001	P	19.6

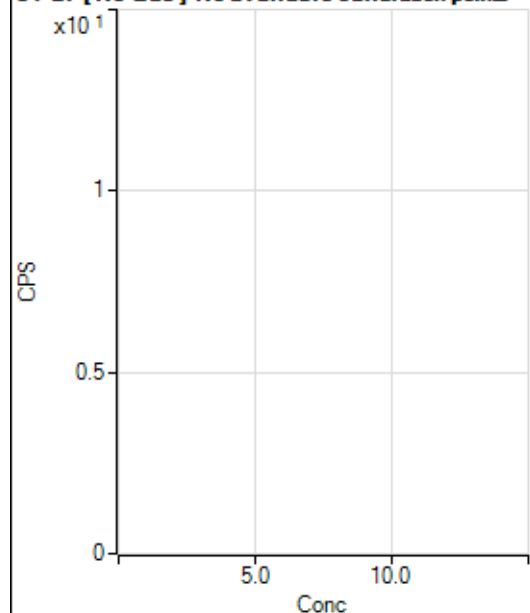
$$y = 1.0157\text{E-}005 * x + 8.6973\text{E-}005$$

$$R = 1.0000$$

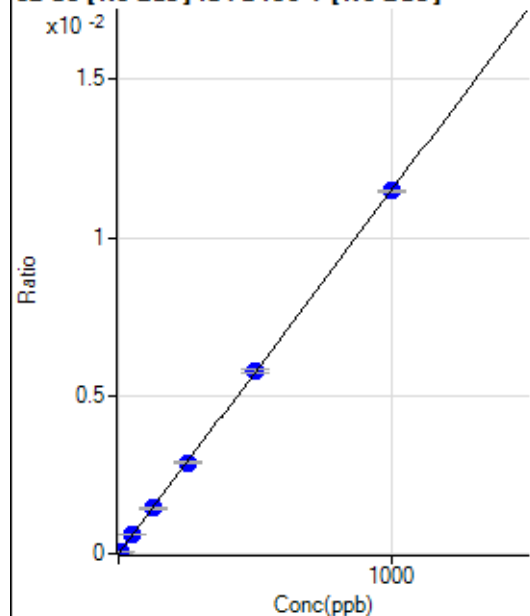
$$DL = 0.9272$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2382.67		P	9.4
2	☐			2469.44		P	5.0
3	☐			2766.46		P	5.7
4	☐			2429.39		P	7.6
5	☐			2446.08		P	7.7
6	☐			2723.08		P	13.9
7	☐			2716.40		P	8.6
8	☐			3046.80		P	6.0

82 Se [No Gas] ISTD: 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-19.48	0.0000	P	-414.
2	☐	5.000	6.386	314.72	0.0001	P	15.9
3	☐	50.000	51.231	2772.93	0.0006	P	1.4
4	☐	125.000	124.624	6717.00	0.0014	P	2.7
5	☐	250.000	250.962	13776.10	0.0029	P	1.6
6	☐	500.000	502.325	27933.80	0.0058	P	1.4
7	☐	1000.000	998.575	57932.51	0.0115	P	0.6
8	☐			5.46	0.0000	P	2391.

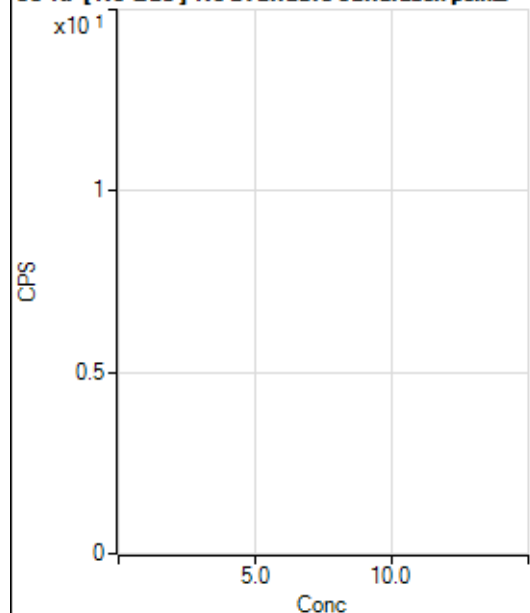
$$y = 1.1493E-005 * x - 4.8312E-006$$

$$R = 1.0000$$

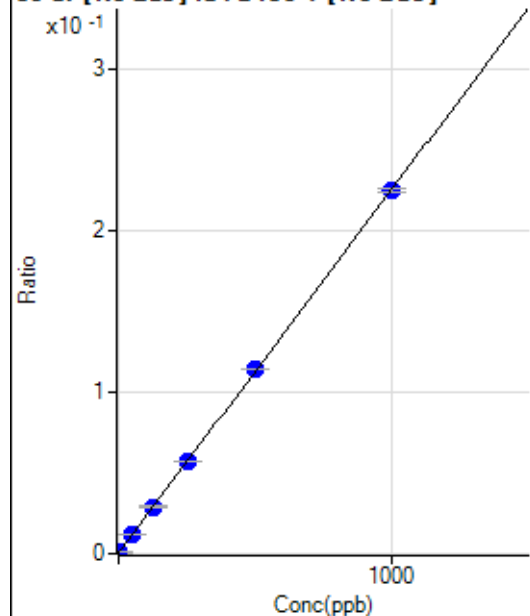
$$DL = 5.224$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1287.85		P	8.3
2	☐			1243.40		P	1.0
3	☐			1155.62		P	1.7
4	☐			1222.29		P	1.2
5	☐			1367.86		P	2.0
6	☐			1255.62		P	7.4
7	☐			1243.40		P	2.2
8	☐			1267.85		P	5.4

86 Sr [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1958.53	0.0004	P	6.5
2	☐	1.000	1.036	3061.54	0.0007	P	9.8
3	☐	50.000	49.022	54487.48	0.0115	P	0.8
4	☐	125.000	126.795	136421.21	0.0290	P	2.0
5	☐	250.000	251.975	273556.31	0.0572	P	1.7
6	☐	500.000	504.903	552789.04	0.1141	P	0.4
7	☐	1000.000	996.879	1135888.04	0.2249	P	1.1
8	☐			4273.00	0.0009	P	7.0

$$y = 2.2521\text{E-}004 * x + 4.3397\text{E-}004$$

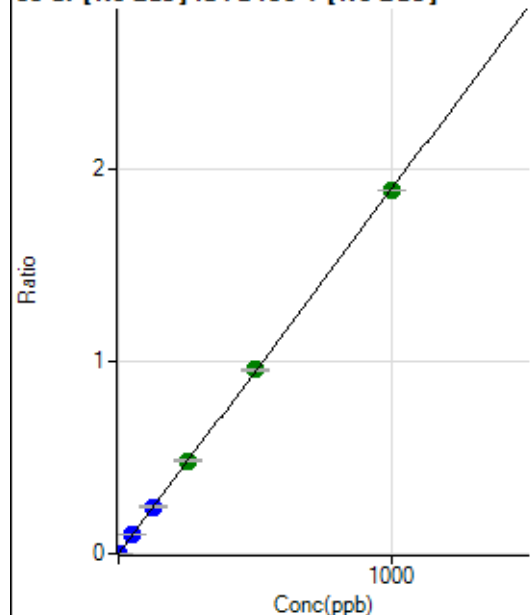
$$R = 1.0000$$

$$DL = 0.3738$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.11	0.0000	P	31.6
2	☐	1.000	1.037	9100.44	0.0020	P	3.8
3	☐	50.000	50.702	457362.19	0.0963	P	0.5
4	☐	125.000	129.199	1154725.41	0.2454	P	0.3
5	☐	250.000	255.198	2318909.53	0.4847	A	1.5
6	☐	500.000	505.948	4653645.16	0.9610	A	1.1
7	☐	1000.000	995.167	9545321.83	1.8901	A	0.1
8	☐			20473.81	0.0042	P	2.9

$$y = 0.0019 * x + 1.3643E-005$$

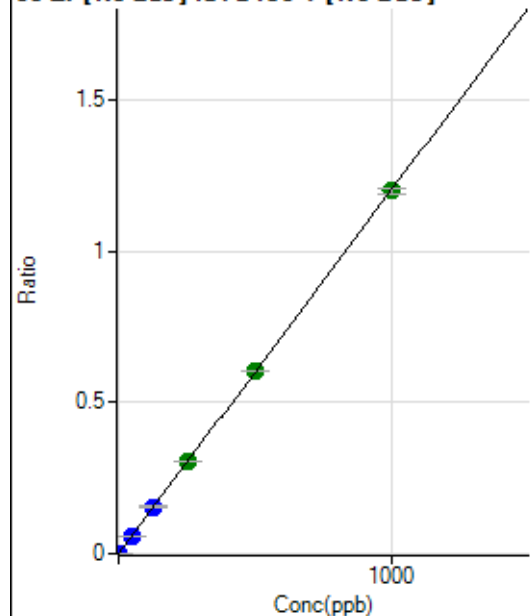
$$R = 1.0000$$

$$DL = 0.006805$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	333.34	0.0001	P	4.8
2	☐	1.000	0.964	5659.65	0.0012	P	5.8
3	☐	50.000	49.834	284922.00	0.0600	P	0.6
4	☐	125.000	128.923	729811.91	0.1551	P	2.0
5	☐	250.000	255.265	1468991.75	0.3070	A	0.8
6	☐	500.000	501.838	2922979.54	0.6035	A	0.3
7	☐	1000.000	997.283	6056560.86	1.1993	A	1.3
8	☐			2058.54	0.0004	P	7.9

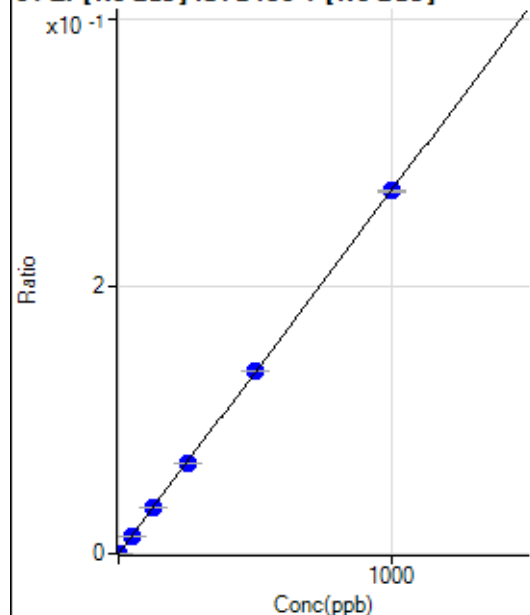
$$y = 0.0012 * x + 7.3908E-005$$

$$R = 1.0000$$

$$DL = 0.008896$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	65.4
2	☐	1.000	0.950	1233.43	0.0003	P	12.9
3	☐	50.000	47.489	61430.39	0.0129	P	1.2
4	☐	125.000	125.870	161256.62	0.0343	P	2.2
5	☐	250.000	248.562	323742.99	0.0677	P	0.8
6	☐	500.000	502.764	662853.38	0.1369	P	0.7
7	☐	1000.000	998.994	1373238.79	0.2719	P	0.8
8	☐			463.91	0.0001	P	5.2

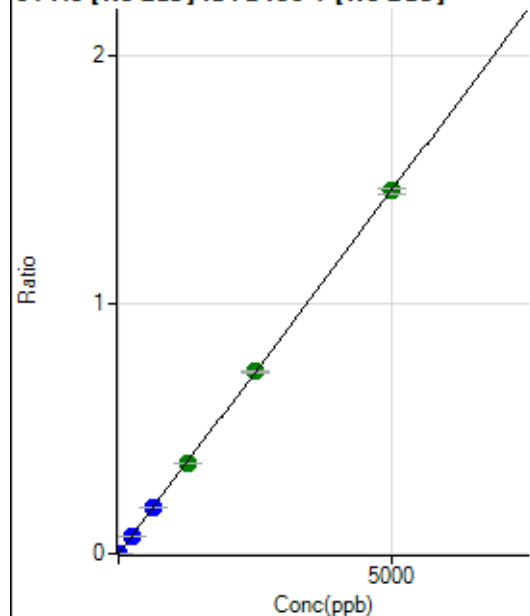
$$y = 2.7220\text{E-}004 * x + 1.0435\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.07517$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	111.12	0.0000	P	41.8
2	☐	10.000	5.255	7135.34	0.0016	P	6.6
3	☐	250.000	245.649	339810.91	0.0716	P	1.4
4	☐	625.000	638.615	875232.43	0.1860	P	0.5
5	☐	1250.000	1249.997	1741731.05	0.3641	A	0.9
6	☐	2500.000	2507.163	3535818.05	0.7302	A	1.5
7	☐	5000.000	4994.944	7345706.59	1.4547	A	1.4
8	☐			4117.41	0.0008	P	3.1

$$y = 2.9122\text{E-}004 * x + 2.4548\text{E-}005$$

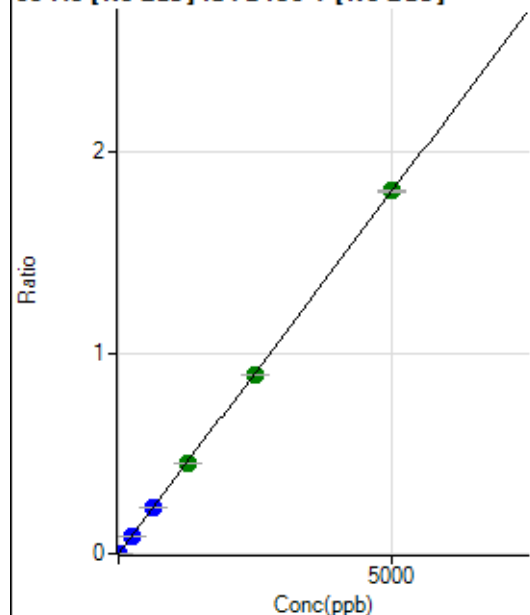
$$R = 1.0000$$

$$DL = 0.1058$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.11	0.0000	P	89.6
2	☐	10.000	5.575	9281.11	0.0020	P	3.0
3	☐	250.000	247.496	423605.86	0.0892	P	1.3
4	☐	625.000	640.914	1086914.78	0.2310	P	1.5
5	☐	1250.000	1254.626	2163370.38	0.4522	A	1.0
6	☐	2500.000	2471.958	4314356.43	0.8909	A	0.9
7	☐	5000.000	5011.009	9119909.14	1.8059	A	0.5
8	☐			5834.72	0.0012	P	3.6

$$y = 3.6039E-004 * x + 1.3418E-005$$

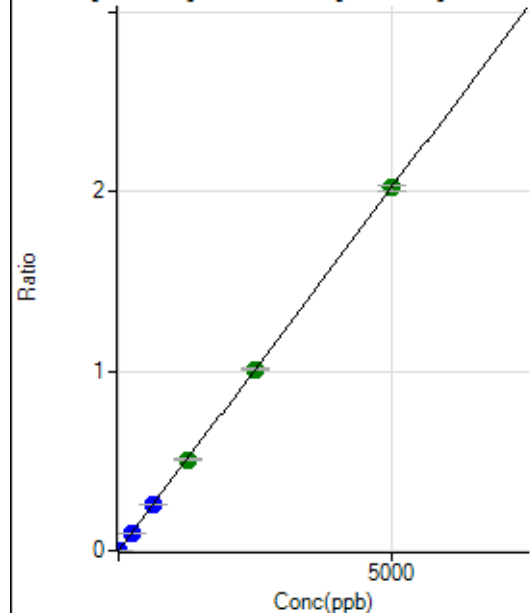
$$R = 1.0000$$

$$DL = 0.1001$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	100.01	0.0000	P	33.4
2	☐	10.000	5.177	9695.31	0.0021	P	2.2
3	☐	250.000	241.640	463397.55	0.0976	P	1.1
4	☐	625.000	631.903	1200665.97	0.2552	P	1.3
5	☐	1250.000	1255.742	2425774.21	0.5071	A	1.9
6	☐	2500.000	2498.802	4885853.58	1.0090	A	1.6
7	☐	5000.000	4998.728	10192137.72	2.0183	A	1.7
8	☐			7132.59	0.0015	P	4.8

$$y = 4.0377E-004 * x + 2.2357E-005$$

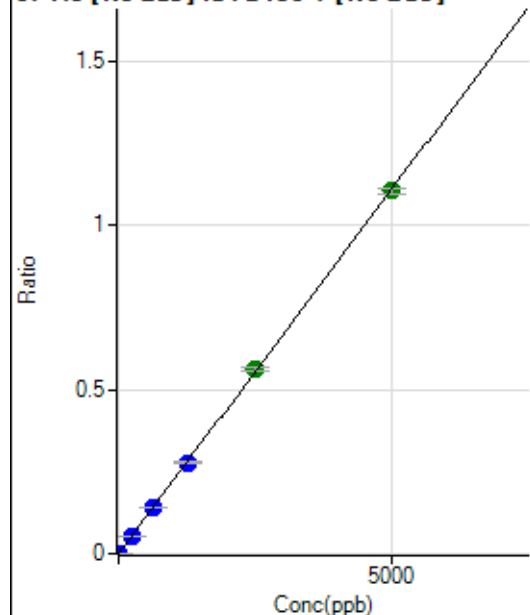
$$R = 1.0000$$

$$DL = 0.05547$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.56	0.0000	P	80.6
2	☐	10.000	5.582	5720.76	0.0012	P	0.1
3	☐	250.000	246.198	259718.76	0.0547	P	1.4
4	☐	625.000	637.211	666057.61	0.1416	P	1.4
5	☐	1250.000	1250.968	1329515.97	0.2779	P	1.1
6	☐	2500.000	2534.538	2726454.14	0.5630	A	1.4
7	☐	5000.000	4981.162	5587615.79	1.1065	A	1.5
8	☐			3586.66	0.0007	P	3.4

$$y = 2.2214\text{E-}004 * x + 6.7198\text{E-}006$$

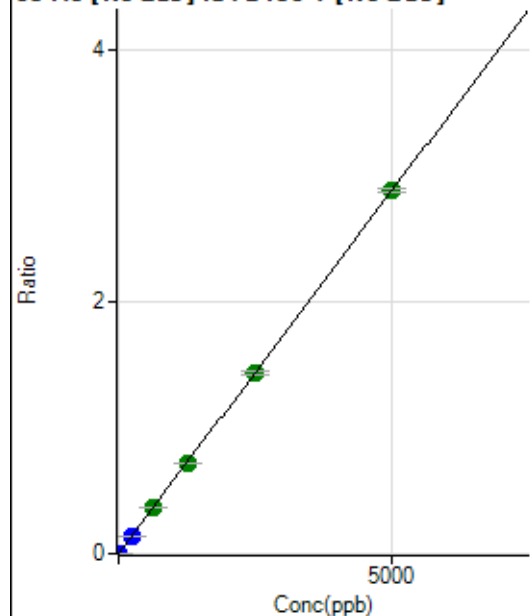
$$R = 1.0000$$

$$DL = 0.07314$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	72.22	0.0000	P	9.8
2	☐	10.000	5.437	14421.74	0.0031	P	2.6
3	☐	250.000	248.088	677672.57	0.1427	P	0.9
4	☐	625.000	641.306	1735724.09	0.3689	A	0.6
5	☐	1250.000	1246.512	3430064.23	0.7170	A	0.8
6	☐	2500.000	2489.720	6933801.20	1.4320	A	2.4
7	☐	5000.000	5004.079	14534221.68	2.8781	A	0.9
8	☐			9183.85	0.0019	P	5.2

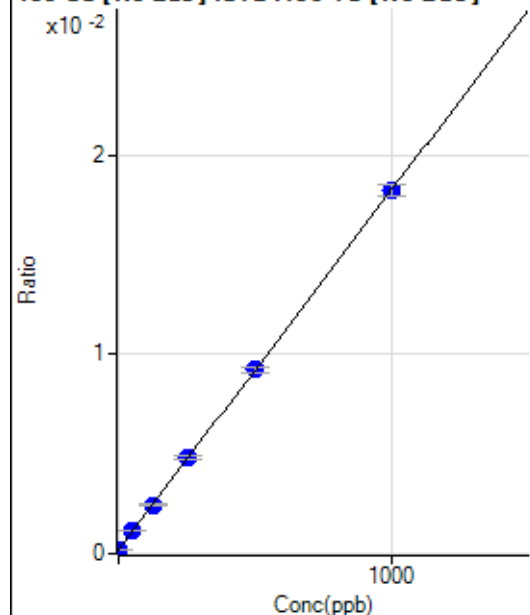
$$y = 5.7516\text{E-}004 * x + 1.6039\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.008224$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	897.28	0.0002	P	17.8
2	☐	1.000	0.809	983.40	0.0002	P	9.9
3	☐	50.000	52.264	5281.72	0.0011	P	1.9
4	☐	125.000	123.962	11346.72	0.0024	P	4.6
5	☐	250.000	255.228	22582.91	0.0048	P	3.0
6	☐	500.000	501.745	44452.80	0.0092	P	3.2
7	☐	1000.000	997.837	90521.81	0.0182	P	3.1
8	☐			1055.63	0.0002	P	12.7

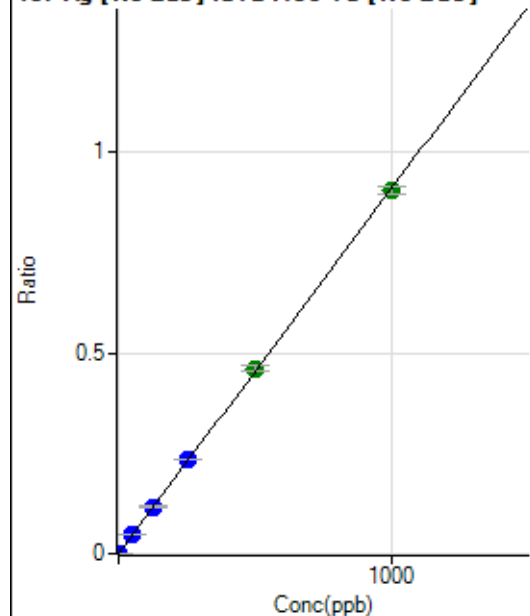
$$y = 1.8030E-005 * x + 2.0334E-004$$

$$R = 1.0000$$

$$DL = 6.015$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.89	0.0000	P	90.7
2	☐	1.000	0.952	3920.13	0.0009	P	2.3
3	☐	50.000	50.763	212889.69	0.0462	P	1.6
4	☐	125.000	128.465	543612.85	0.1169	P	1.0
5	☐	250.000	257.310	1099740.70	0.2341	P	1.2
6	☐	500.000	508.109	2221235.05	0.4622	A	2.5
7	☐	1000.000	993.647	4497414.47	0.9039	A	2.1
8	☐			1508.45	0.0003	P	16.8

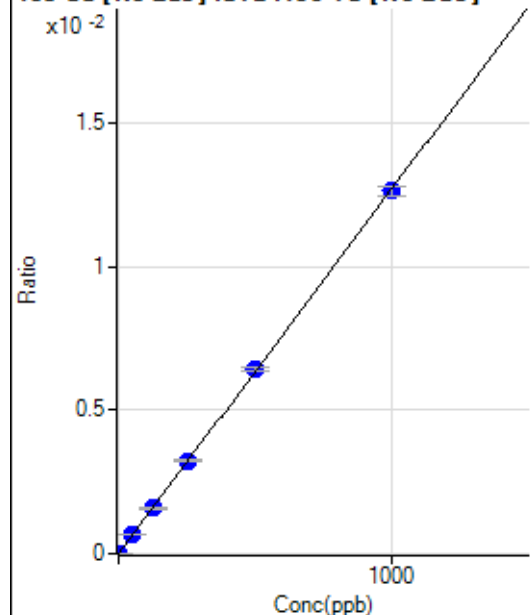
$$y = 9.0964E-004 * x + 3.1510E-006$$

$$R = 0.9999$$

$$DL = 0.009429$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.39	0.0000	P	173.2
2	☐	1.000	1.189	69.45	0.0000	P	24.0
3	☐	50.000	51.288	3000.37	0.0007	P	1.3
4	☐	125.000	125.472	7404.86	0.0016	P	2.6
5	☐	250.000	254.527	15166.83	0.0032	P	2.6
6	☐	500.000	506.045	30849.81	0.0064	P	1.5
7	☐	1000.000	995.722	62834.09	0.0126	P	2.5
8	☐			27.78	0.0000	P	29.9

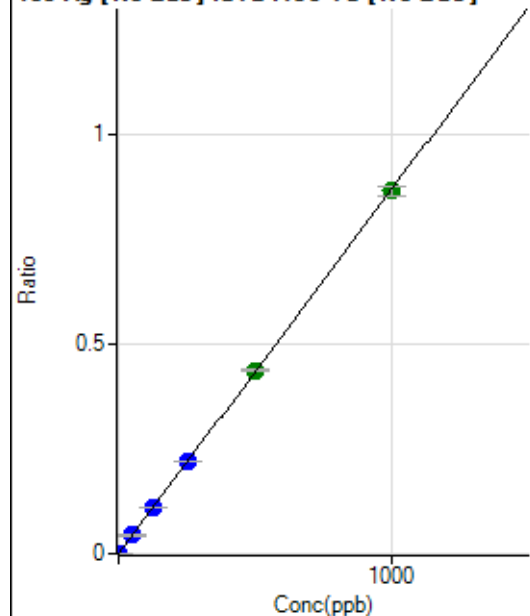
$$y = 1.2683\text{E-}005 * x + 3.1022\text{E-}007$$

$$R = 1.0000$$

$$DL = 0.1271$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.89	0.0000	P	35.7
2	☐	1.000	0.909	3581.12	0.0008	P	7.8
3	☐	50.000	50.633	203054.92	0.0440	P	2.0
4	☐	125.000	128.374	519479.63	0.1117	P	1.0
5	☐	250.000	254.906	1041890.13	0.2217	P	0.4
6	☐	500.000	503.918	2106792.54	0.4383	A	1.8
7	☐	1000.000	996.361	4312377.48	0.8667	A	2.5
8	☐			1480.68	0.0003	P	7.0

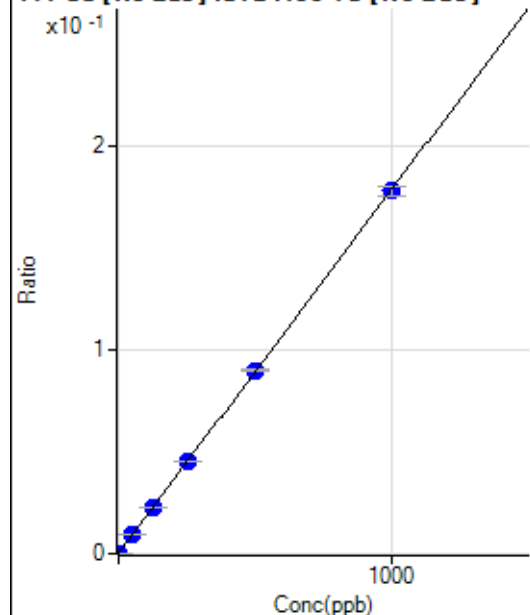
$$y = 8.6987\text{E-}004 * x + 3.1498\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.003875$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	647.95	0.0001	P	18.4
2	☐	1.000	0.979	1449.52	0.0003	P	1.5
3	☐	50.000	50.692	42335.05	0.0092	P	1.0
4	☐	125.000	127.066	106044.44	0.0228	P	1.5
5	☐	250.000	254.277	213656.47	0.0455	P	0.9
6	☐	500.000	503.480	432075.07	0.0899	P	1.8
7	☐	1000.000	996.898	884889.23	0.1778	P	2.5
8	☐			1050.06	0.0002	P	11.2

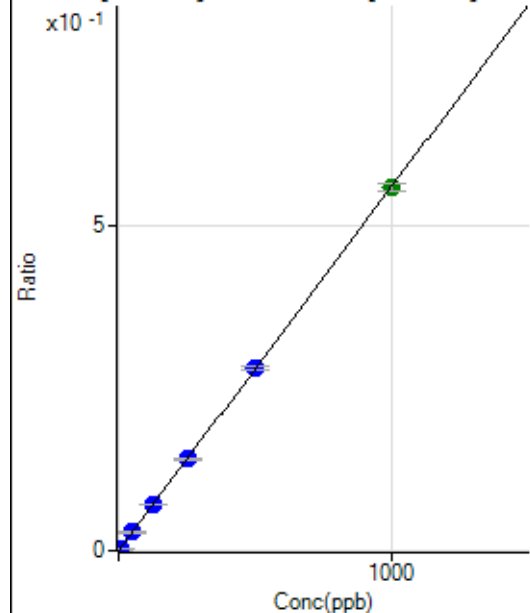
$$y = 1.7825E-004 * x + 1.4686E-004$$

$$R = 1.0000$$

$$DL = 0.456$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	219.45	0.0000	P	13.1
2	☐	5.000	5.123	13134.35	0.0029	P	0.5
3	☐	50.000	50.408	130029.03	0.0282	P	1.3
4	☐	125.000	127.137	330544.77	0.0711	P	1.7
5	☐	250.000	253.140	664507.71	0.1414	P	2.3
6	☐	500.000	503.401	1351510.65	0.2812	P	2.5
7	☐	1000.000	997.226	2771753.51	0.5570	A	2.1
8	☐			1341.77	0.0003	P	7.0

$$y = 5.5855E-004 * x + 4.9603E-005$$

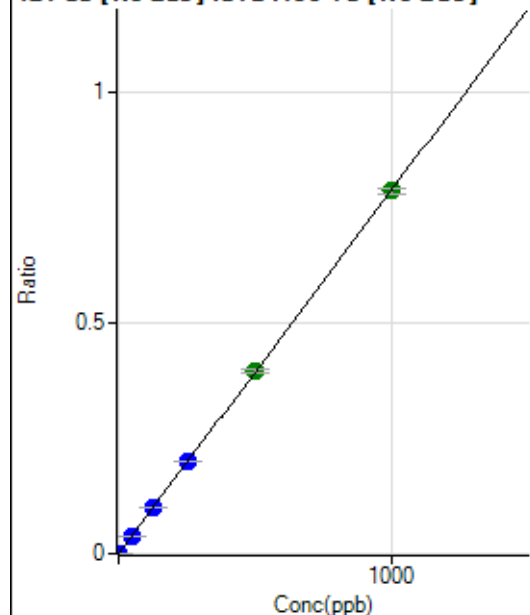
$$R = 1.0000$$

$$DL = 0.03484$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	2.4
2	☐	2.000	2.103	7480.05	0.0017	P	1.8
3	☐	50.000	49.872	180846.99	0.0392	P	1.3
4	☐	125.000	126.758	463836.82	0.0997	P	0.4
5	☐	250.000	253.058	935149.63	0.1990	P	1.4
6	☐	500.000	501.476	1895683.83	0.3944	A	1.7
7	☐	1000.000	998.284	3906818.88	0.7851	A	1.9
8	☐			2386.39	0.0005	P	0.8

$$y = 7.8649\text{E-}004 * x + 3.7690\text{E-}006$$

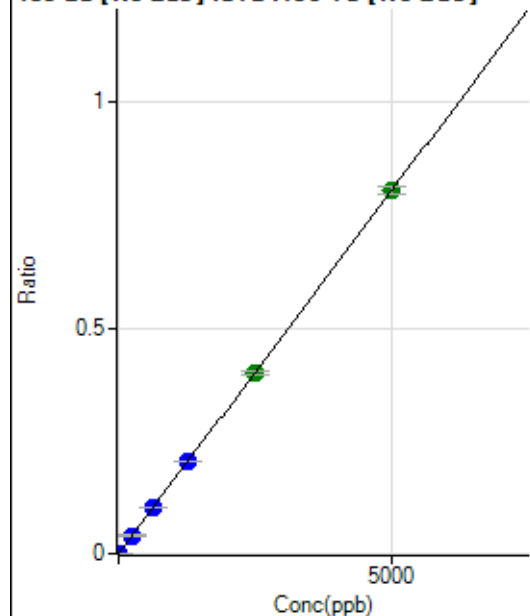
$$R = 1.0000$$

$$DL = 0.0003458$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.55	0.0000	P	13.6
2	☐	10.000	10.685	7788.55	0.0017	P	3.1
3	☐	250.000	250.305	185720.85	0.0403	P	1.1
4	☐	625.000	634.006	474648.15	0.1020	P	1.3
5	☐	1250.000	1266.029	957268.79	0.2037	P	0.2
6	☐	2500.000	2491.708	1927176.82	0.4010	A	1.4
7	☐	5000.000	4998.996	4002510.37	0.8044	A	2.2
8	☐			7905.30	0.0017	P	0.7

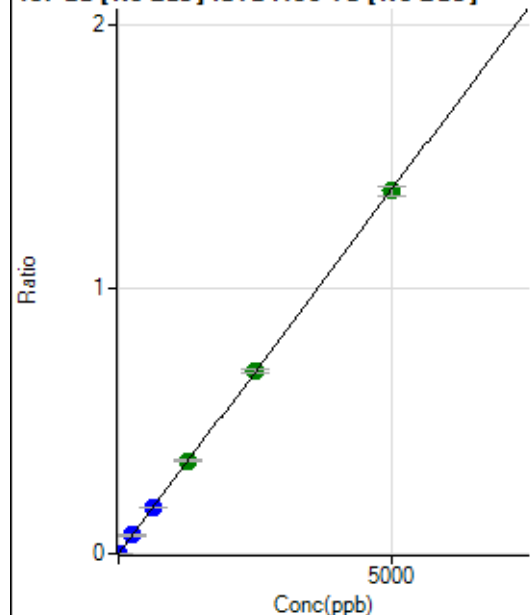
$$y = 1.6091\text{E-}004 * x + 6.8904\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01746$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD : 159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	63.89	0.0000	P	26.4
2	☐	10.000	10.562	13173.45	0.0029	P	1.2
3	☐	250.000	251.903	319533.33	0.0693	P	2.1
4	☐	625.000	632.962	810136.40	0.1741	P	1.7
5	☐	1250.000	1279.683	1654229.07	0.3521	A	1.0
6	☐	2500.000	2510.732	3319443.85	0.6907	A	2.8
7	☐	5000.000	4986.122	6825154.84	1.3717	A	2.4
8	☐			13557.14	0.0029	P	2.9

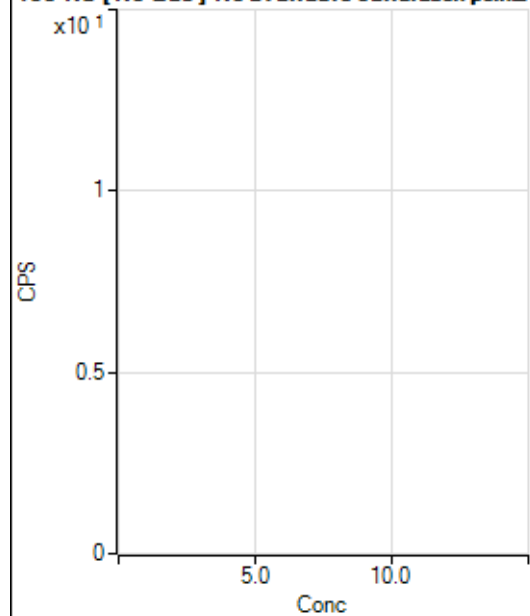
$$y = 2.7510E-004 * x + 1.4431E-005$$

$$R = 1.0000$$

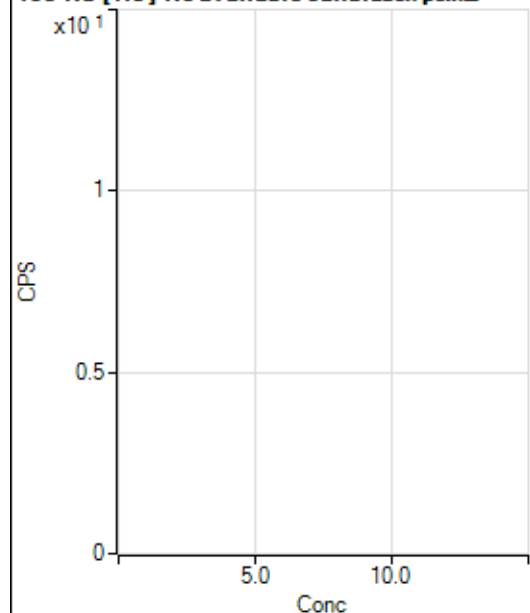
$$DL = 0.04152$$

Weight: <None>

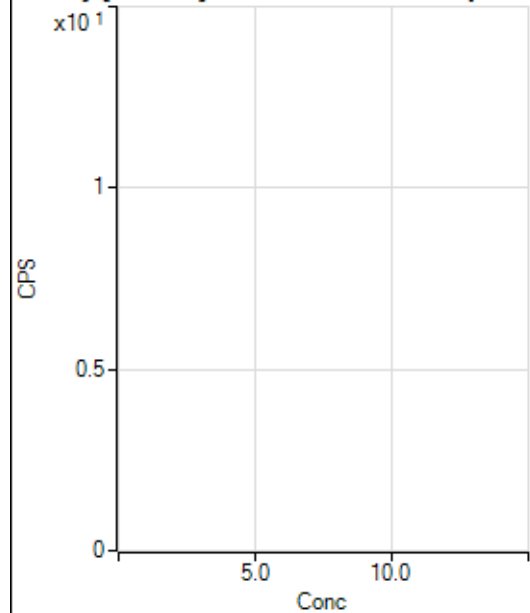
Min Conc: 0

150 Nd [No Gas] No available calibration points

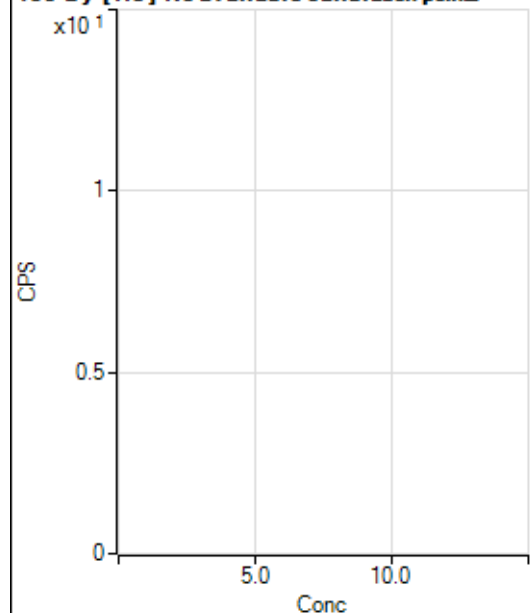
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	173.2
2	☐			4.45		P	86.6
3	☐			8.89		P	43.3
4	☐			17.78		P	78.1
5	☐			33.33		P	52.9
6	☐			51.11		P	52.7
7	☐			122.23		P	22.7
8	☐			28.89		P	26.6

150 Nd [He] No available calibration points

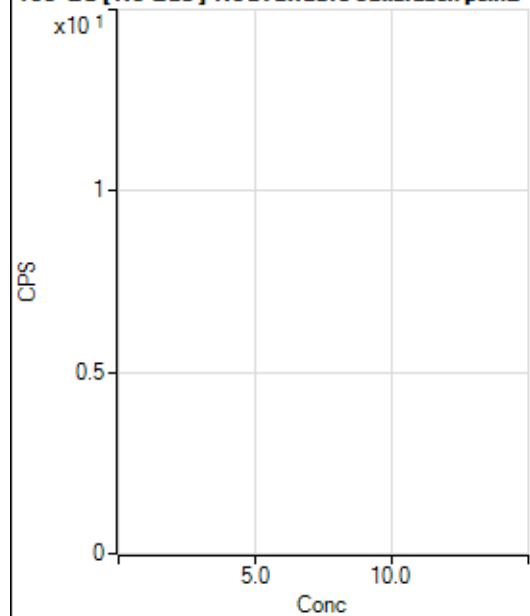
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			1.11		P	173.2
4	☐			5.56		P	34.7
5	☐			4.44		P	43.4
6	☐			7.78		P	24.7
7	☐			10.00		P	88.2
8	☐			12.22		P	31.5

156 Dy [No Gas] No available calibration points

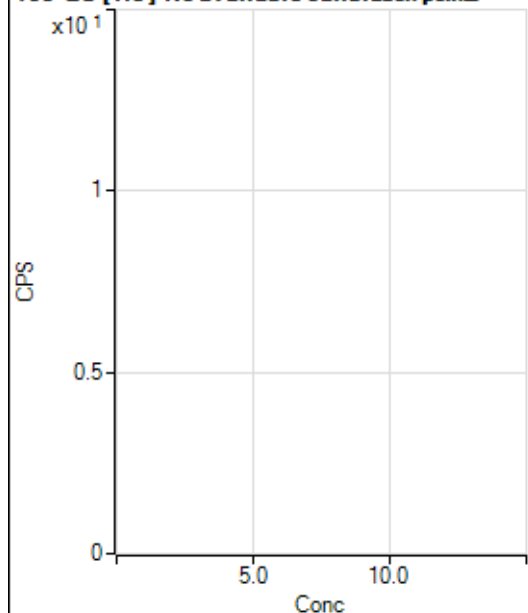
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.33		P	100.0
2	☐			2.78		P	173.2
3	☐			13.89		P	69.3
4	☐			11.11		P	43.3
5	☐			11.11		P	86.6
6	☐			36.11		P	35.3
7	☐			80.56		P	21.5
8	☐			169.45		P	44.6

156 Dy [He] No available calibration points

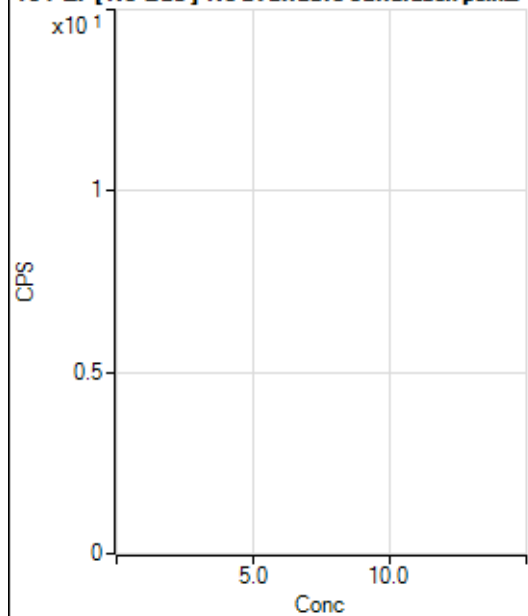
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.44		P	114.6
2	☐			1.11		P	173.2
3	☐			10.00		P	33.3
4	☐			4.44		P	114.6
5	☐			5.56		P	91.6
6	☐			10.00		P	66.7
7	☐			11.11		P	34.6
8	☐			80.00		P	12.5

160 Gd [No Gas] Noavailable calibration poin_

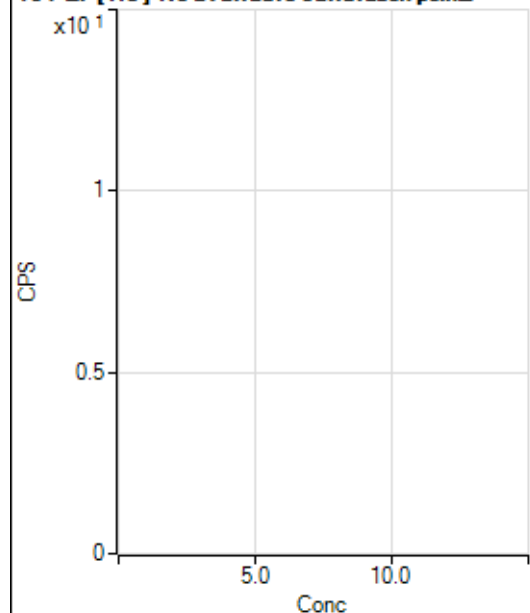
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			36.11		P	66.6
2	☐			19.44		P	89.2
3	☐			50.00		P	28.9
4	☐			27.78		P	34.6
5	☐			36.11		P	74.2
6	☐			63.89		P	15.1
7	☐			52.78		P	24.1
8	☐			233.34		P	7.1

160 Gd [He] No available calibration points

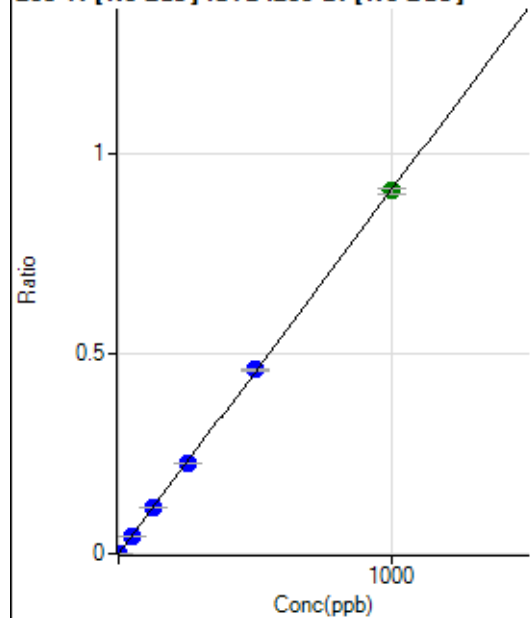
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	86.6
2	☐			14.44		P	104.1
3	☐			6.67		P	0.0
4	☐			14.44		P	13.4
5	☐			7.78		P	99.0
6	☐			16.67		P	80.0
7	☐			28.89		P	35.2
8	☐			123.34		P	23.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	69.3
2	☐			22.22		P	78.1
3	☐			27.78		P	17.3
4	☐			11.11		P	114.6
5	☐			47.22		P	40.8
6	☐			44.44		P	28.6
7	☐			25.00		P	57.7
8	☐			27.78		P	45.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	75.0
2	☐			11.11		P	17.3
3	☐			6.67		P	50.0
4	☐			10.00		P	0.0
5	☐			11.11		P	62.5
6	☐			16.67		P	NaN
7	☐			8.89		P	94.4
8	☐			20.00		P	28.9

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	41.6
2	☐	1.000	1.010	2364.17	0.0009	P	1.2
3	☐	50.000	48.760	114384.95	0.0444	P	1.6
4	☐	125.000	125.677	293193.00	0.1143	P	0.7
5	☐	250.000	250.362	593563.50	0.2277	P	0.4
6	☐	500.000	505.259	1211297.63	0.4595	P	1.7
7	☐	1000.000	997.257	2494476.25	0.9069	A	1.4
8	☐			1386.23	0.0006	P	13.4

$$y = 9.0936E-004 * x + 1.9985E-005$$

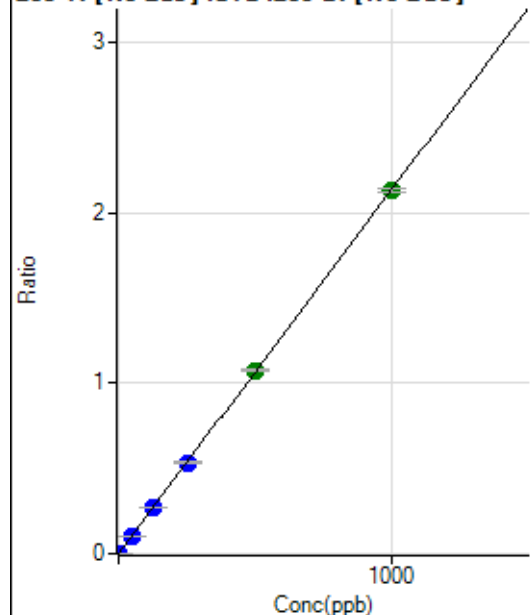
$$R = 1.0000$$

$$DL = 0.02746$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	80.56	0.0000	P	39.4
2	☐	1.000	0.985	5379.04	0.0021	P	4.6
3	☐	50.000	49.742	273701.60	0.1061	P	0.8
4	☐	125.000	127.085	695362.89	0.2711	P	1.2
5	☐	250.000	250.649	1393952.82	0.5347	P	0.3
6	☐	500.000	504.667	2838181.03	1.0766	A	0.2
7	☐	1000.000	997.256	5851849.43	2.1273	A	0.9
8	☐			3256.07	0.0013	P	12.4

$$y = 0.0021 * x + 3.2371E-005$$

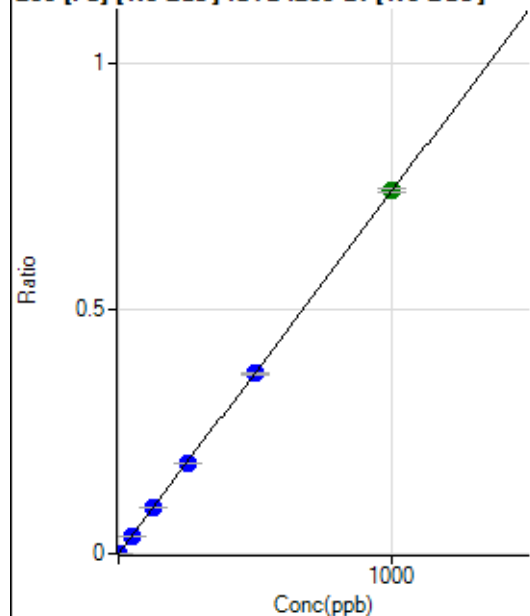
$$R = 1.0000$$

$$DL = 0.01794$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	68.52	0.0000	P	10.6
2	☐	1.000	1.010	1952.04	0.0008	P	5.6
3	☐	50.000	49.037	93529.26	0.0363	P	1.9
4	☐	125.000	125.645	238253.97	0.0929	P	1.3
5	☐	250.000	249.224	480285.87	0.1842	P	0.7
6	☐	500.000	496.821	968155.73	0.3672	P	0.8
7	☐	1000.000	1001.751	2037066.84	0.7404	A	1.0
8	☐			9279.40	0.0037	P	1.2

$$y = 7.3913E-004 * x + 2.7632E-005$$

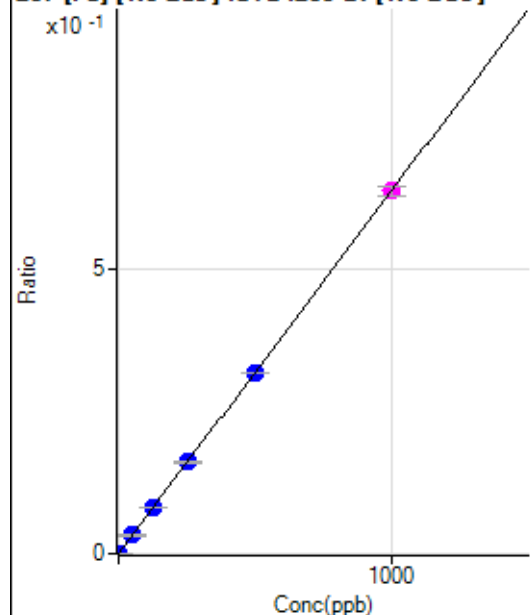
$$R = 1.0000$$

$$DL = 0.01188$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	83.34	0.0000	P	11.5
2	☐	1.000	1.001	1689.04	0.0007	P	8.0
3	☐	50.000	50.306	82567.22	0.0320	P	0.7
4	☐	125.000	126.331	206070.72	0.0804	P	2.1
5	☐	250.000	252.815	419115.56	0.1608	P	1.2
6	☐	500.000	498.316	835311.40	0.3168	P	0.8
7	☐	1000.000	999.957	1748782.53	0.6358	M	2.8
8	☐			8150.84	0.0033	P	3.0

$$y = 6.3577E-004 * x + 3.3650E-005$$

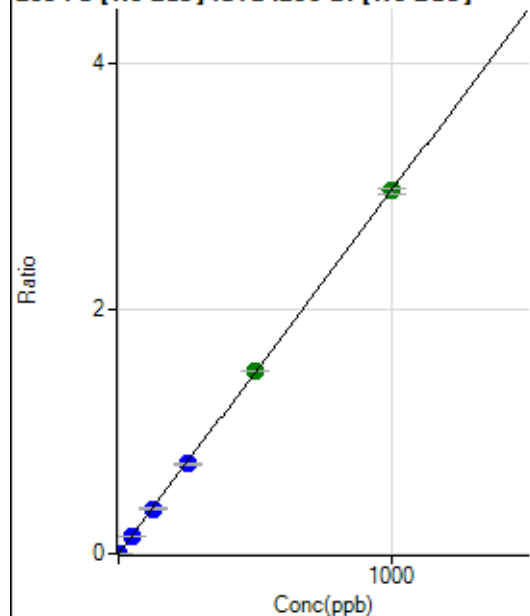
$$R = 1.0000$$

$$DL = 0.01832$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	335.20	0.0001	P	14.7
2	☐	1.000	0.988	7714.00	0.0031	P	3.2
3	☐	50.000	48.920	374097.40	0.1451	P	0.6
4	☐	125.000	124.383	945421.48	0.3686	P	1.8
5	☐	250.000	247.111	1908910.86	0.7322	P	0.9
6	☐	500.000	502.815	3927610.32	1.4898	A	0.4
7	☐	1000.000	999.446	8145588.39	2.9612	A	1.7
8	☐			36309.05	0.0146	P	0.8

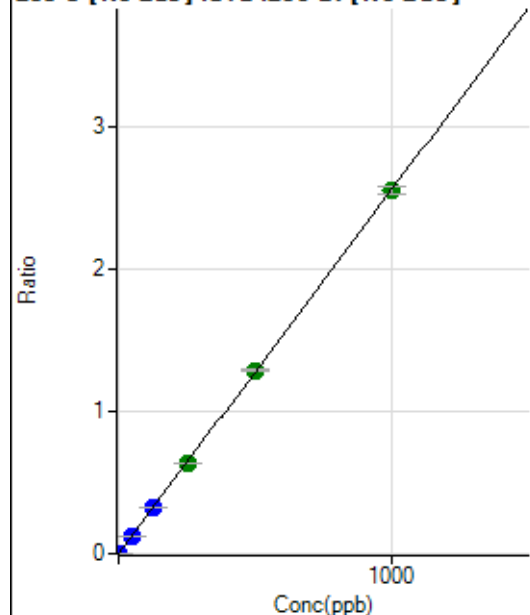
$$y = 0.0030 * x + 1.3482E-004$$

$$R = 1.0000$$

$$DL = 0.02012$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	108.34	0.0000	P	13.7
2	☐	1.000	0.976	6407.33	0.0025	P	3.6
3	☐	50.000	49.354	325944.47	0.1264	P	0.9
4	☐	125.000	126.034	827548.42	0.3227	P	2.2
5	☐	250.000	249.825	1667538.06	0.6397	A	0.3
6	☐	500.000	504.691	3406503.57	1.2922	A	0.7
7	☐	1000.000	997.601	7025172.73	2.5541	A	2.0
8	☐			1416.79	0.0006	P	5.4

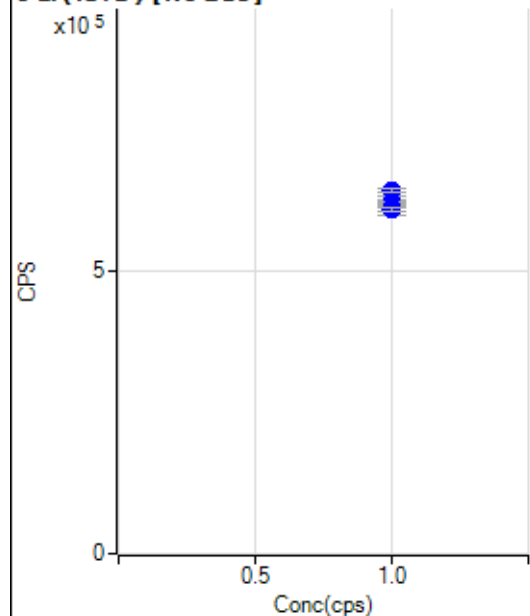
$$y = 0.0026 * x + 4.3660E-005$$

$$R = 1.0000$$

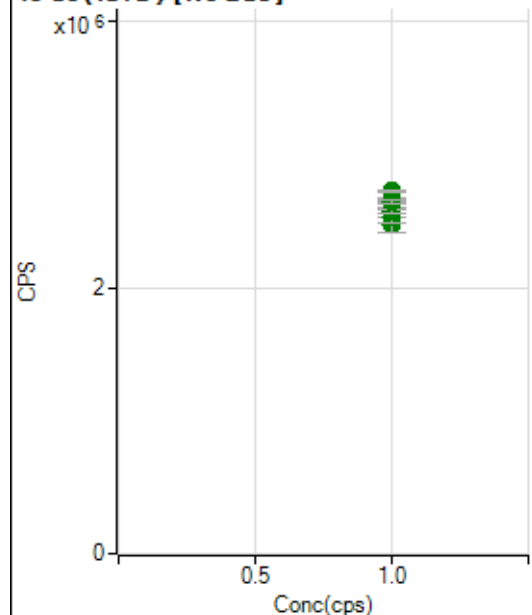
$$DL = 0.007011$$

Weight: <None>

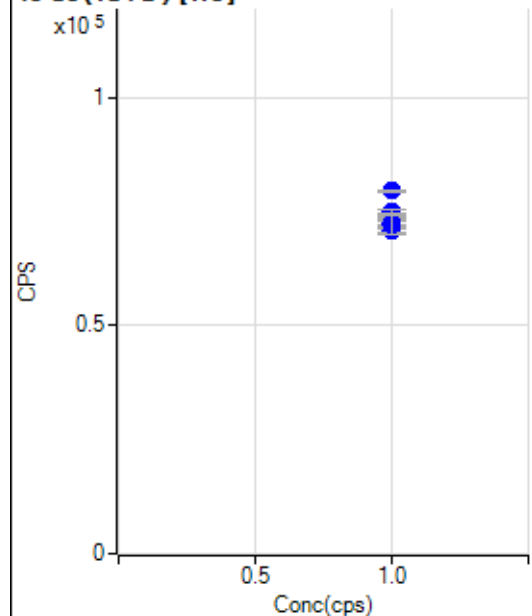
Min Conc: 0

6 Li (ISTD) [No Gas]

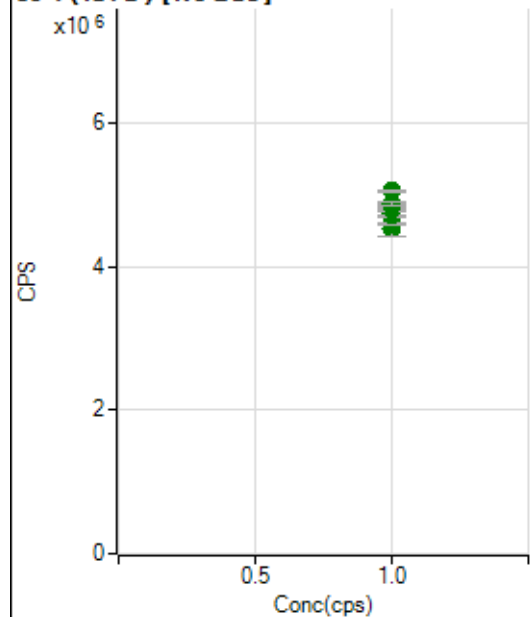
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		606389.67		P	2.5
2	☐	1.000		613780.59		P	0.7
3	☐	1.000		619209.21		P	0.3
4	☐	1.000		620950.68		P	0.8
5	☐	1.000		622035.17		P	0.3
6	☐	1.000		631530.21		P	0.2
7	☐	1.000		640838.99		P	0.9
8	☐	1.000		607424.30		P	1.3

45 Sc (ISTD) [No Gas]

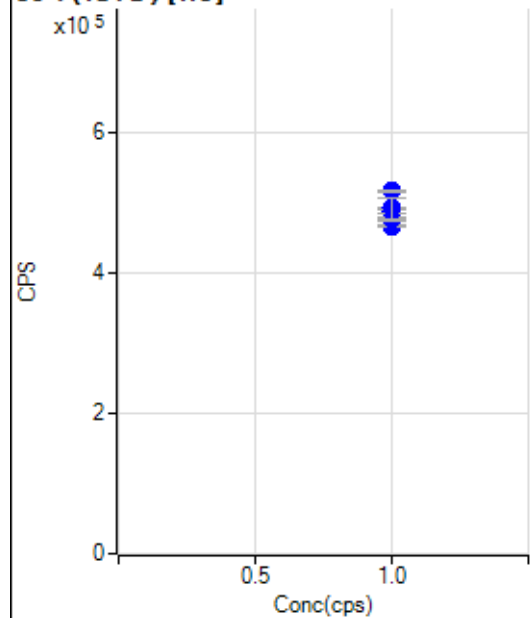
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2473479.81		A	4.3
2	☐	1.000		2525864.82		A	2.8
3	☐	1.000		2577880.13		A	1.6
4	☐	1.000		2572255.59		A	1.3
5	☐	1.000		2649843.43		A	0.6
6	☐	1.000		2669379.61		A	0.2
7	☐	1.000		2728418.53		A	0.4
8	☐	1.000		2650114.86		A	1.0

45 Sc (ISTD) [He]

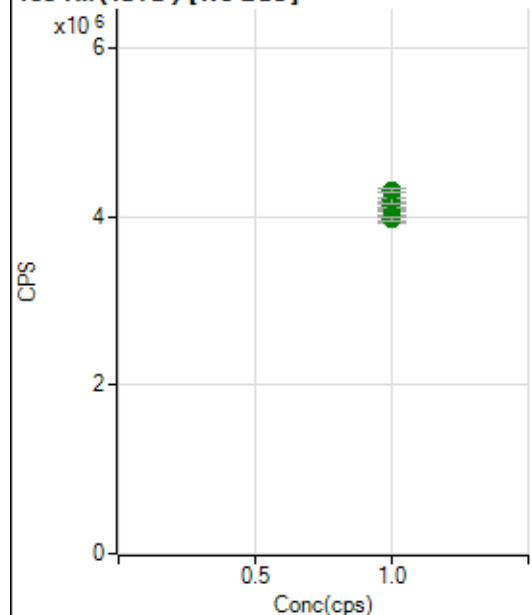
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		70922.00		P	1.7
2	☐	1.000		72591.66		P	1.1
3	☐	1.000		72278.27		P	2.3
4	☐	1.000		73158.79		P	1.0
5	☐	1.000		73884.66		P	0.6
6	☐	1.000		75064.01		P	1.0
7	☐	1.000		79549.41		P	0.6
8	☐	1.000		72087.66		P	6.0

89 Y (ISTD) [No Gas]

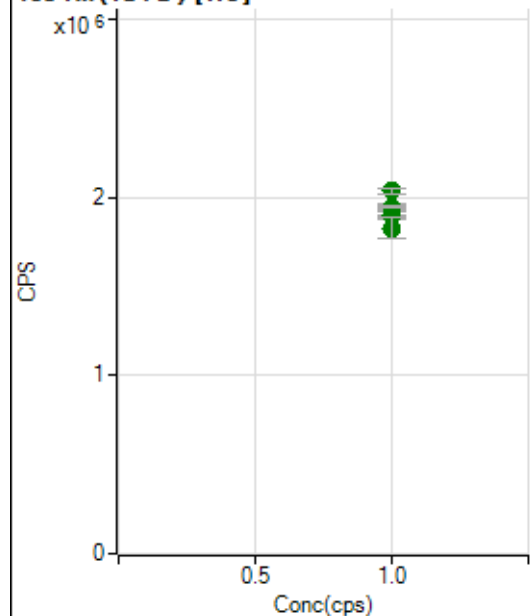
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4513610.59		A	4.1
2	☐	1.000		4589130.31		A	0.8
3	☐	1.000		4748846.77		A	1.1
4	☐	1.000		4705560.42		A	0.7
5	☐	1.000		4784342.95		A	0.5
6	☐	1.000		4843182.12		A	1.5
7	☐	1.000		5050071.59		A	0.7
8	☐	1.000		4876395.38		A	0.7

89 Y (ISTD) [He]

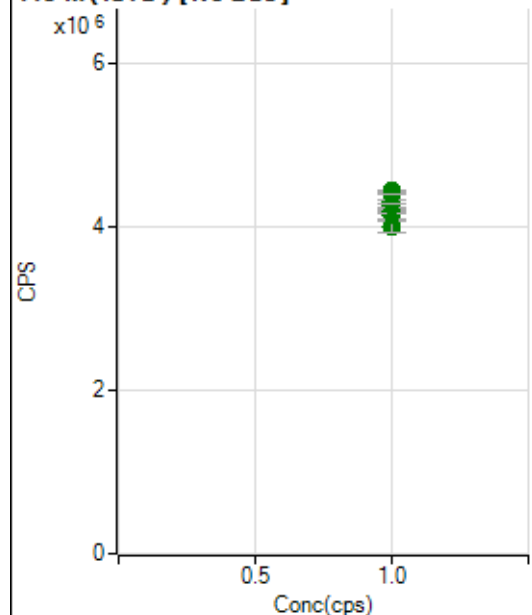
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		467665.21		P	0.9
2	☐	1.000		474305.86		P	0.4
3	☐	1.000		467682.90		P	1.0
4	☐	1.000		478023.04		P	1.4
5	☐	1.000		488106.57		P	1.4
6	☐	1.000		489607.62		P	1.3
7	☐	1.000		517517.12		P	0.5
8	☐	1.000		492463.46		P	6.4

103 Rh (ISTD) [No Gas]

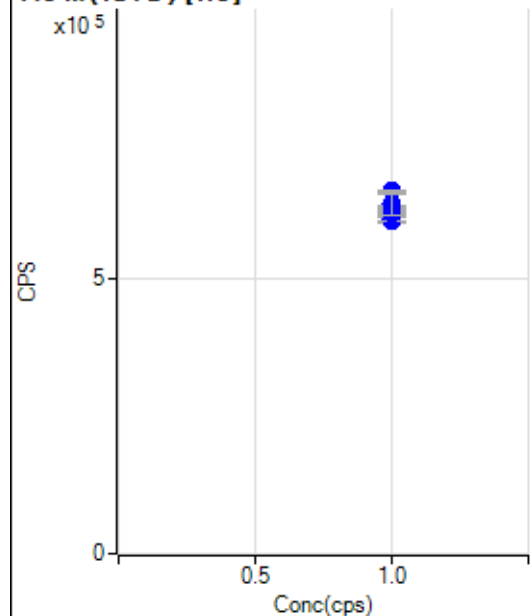
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3981386.16		A	2.3
2	☐	1.000		4083974.70		A	1.4
3	☐	1.000		4082353.26		A	1.2
4	☐	1.000		4119725.92		A	1.7
5	☐	1.000		4141339.37		A	1.8
6	☐	1.000		4196246.32		A	1.8
7	☐	1.000		4307141.16		A	1.1
8	☐	1.000		3971168.32		A	1.3

103 Rh (ISTD) [He]

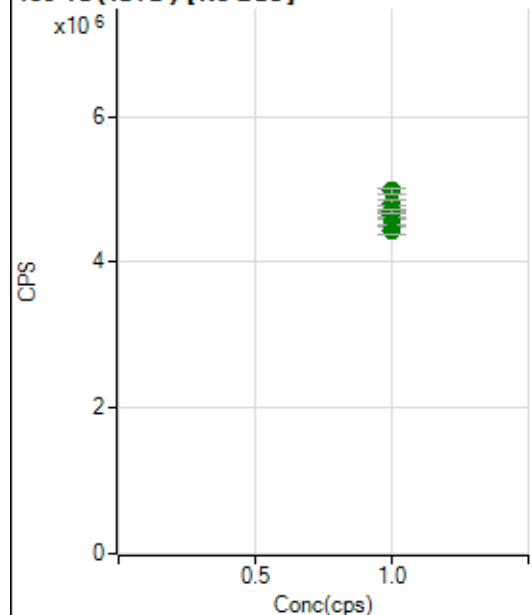
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1901184.40		A	2.4
2	☐	1.000		1938721.10		A	1.1
3	☐	1.000		1894720.86		A	0.8
4	☐	1.000		1902598.86		A	1.4
5	☐	1.000		1939753.24		A	2.3
6	☐	1.000		1944208.08		A	0.4
7	☐	1.000		2035288.03		A	1.9
8	☐	1.000		1823491.43		A	6.5

115 In (ISTD) [No Gas]

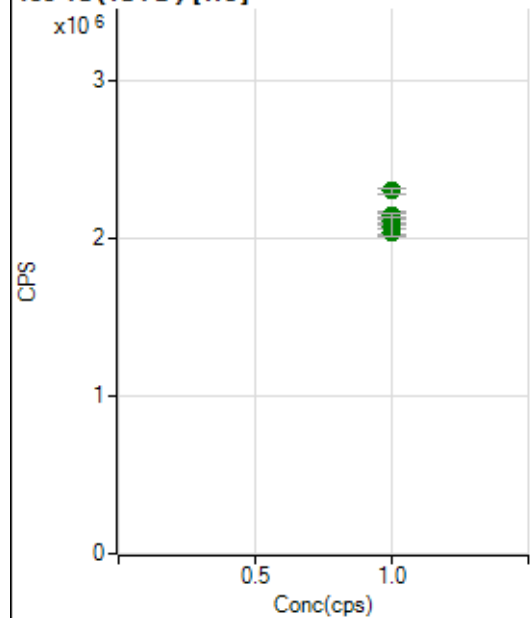
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3984247.96		A	3.5
2	☐	1.000		4128271.81		A	1.5
3	☐	1.000		4168031.31		A	0.3
4	☐	1.000		4179282.84		A	0.9
5	☐	1.000		4249179.21		A	1.1
6	☐	1.000		4297503.99		A	0.8
7	☐	1.000		4433305.97		A	0.9
8	☐	1.000		4400866.36		A	0.2

115 In (ISTD) [He]

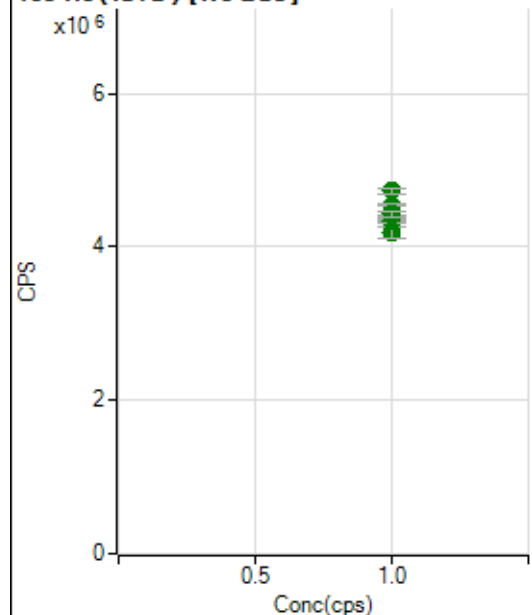
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		602589.07		P	0.4
2	☐	1.000		612876.41		P	0.5
3	☐	1.000		607535.42		P	1.3
4	☐	1.000		618189.73		P	0.6
5	☐	1.000		622300.01		P	0.6
6	☐	1.000		628790.51		P	0.5
7	☐	1.000		658371.47		P	0.7
8	☐	1.000		633700.91		P	5.8

159 Tb (ISTD) [No Gas]

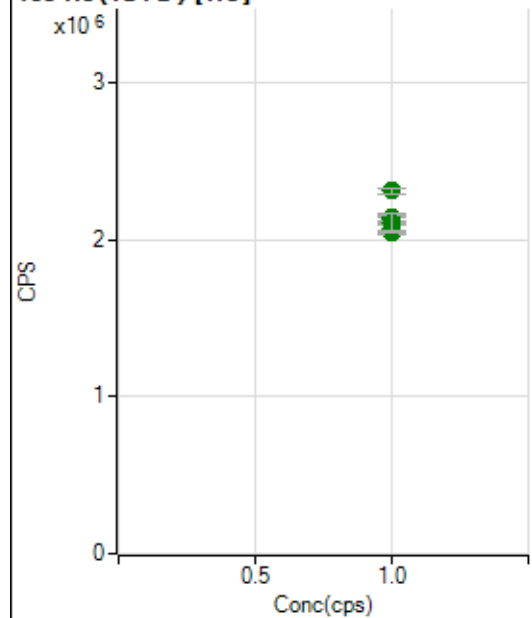
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4424658.40		A	2.4
2	☐	1.000		4511502.78		A	0.4
3	☐	1.000		4610342.12		A	0.8
4	☐	1.000		4652300.00		A	1.6
5	☐	1.000		4698815.56		A	1.0
6	☐	1.000		4807282.50		A	1.8
7	☐	1.000		4977139.72		A	1.9
8	☐	1.000		4691457.43		A	1.3

159 Tb (ISTD) [He]

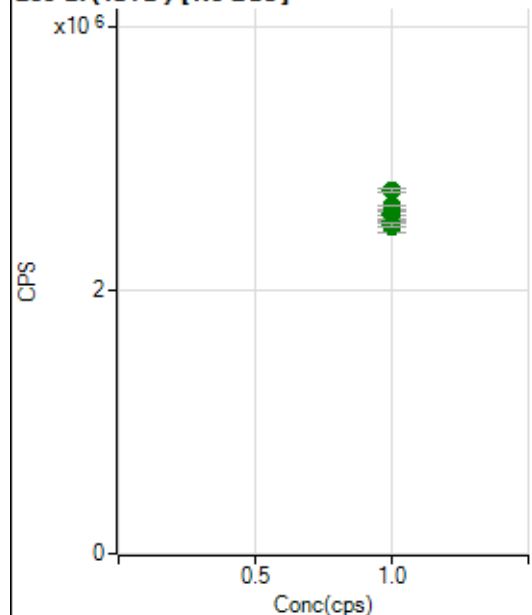
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2044593.62		A	2.0
2	☐	1.000		2086404.57		A	1.9
3	☐	1.000		2035271.76		A	2.4
4	☐	1.000		2111760.66		A	2.4
5	☐	1.000		2149225.66		A	1.9
6	☐	1.000		2149551.98		A	0.7
7	☐	1.000		2305352.47		A	1.3
8	☐	1.000		2078179.83		A	6.3

165 Ho (ISTD) [No Gas]

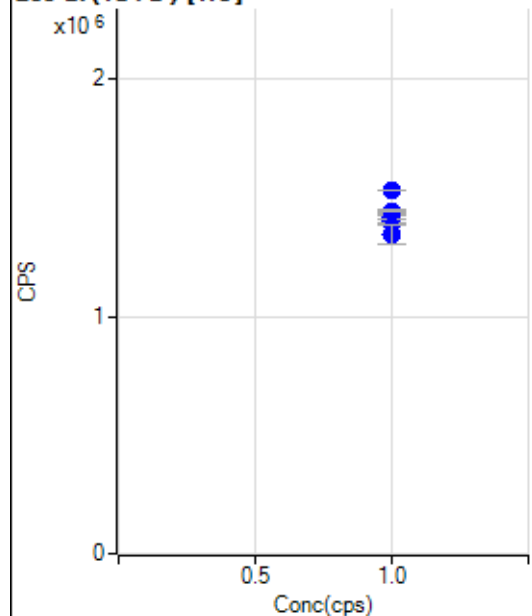
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4184150.27		A	3.8
2	☐	1.000		4327906.39		A	0.5
3	☐	1.000		4368486.51		A	0.7
4	☐	1.000		4328909.04		A	1.1
5	☐	1.000		4412384.43		A	0.4
6	☐	1.000		4538001.71		A	0.5
7	☐	1.000		4726931.92		A	1.4
8	☐	1.000		4422951.79		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2050346.39		A	1.2
2	☐	1.000		2097984.60		A	0.3
3	☐	1.000		2074033.67		A	2.3
4	☐	1.000		2126167.52		A	1.6
5	☐	1.000		2136698.80		A	2.2
6	☐	1.000		2141435.89		A	1.8
7	☐	1.000		2312180.30		A	1.4
8	☐	1.000		2110453.98		A	5.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2477860.39		A	3.6
2	☐	1.000		2520071.32		A	0.8
3	☐	1.000		2578833.61		A	1.2
4	☐	1.000		2565253.31		A	2.6
5	☐	1.000		2606934.01		A	0.3
6	☐	1.000		2636319.79		A	0.3
7	☐	1.000		2750914.82		A	1.2
8	☐	1.000		2489869.18		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1391999.61		P	0.6
2	☐	1.000		1420074.40		P	0.9
3	☐	1.000		1404973.59		P	1.2
4	☐	1.000		1420919.68		P	1.4
5	☐	1.000		1442122.91		P	0.5
6	☐	1.000		1445778.30		P	0.8
7	☐	1.000		1528436.40		P	0.1
8	☐	1.000		1343859.74		P	6.2

US EPA Tune Check Report

Operator Name ICPMS
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8012320IMS.b
Acq. Date-Time 2020-01-23 13:17:09
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		2723	27228.89			0.369	5.000
24		107919	1079194.35			0.448	5.000
25		14730	147303.06			0.945	5.000
26		17268	172682.77			0.694	5.000
59		43098	430979.31			1.021	5.000
113		5047	50465.88			0.562	5.000
115		61806	618059.15			0.871	5.000
206		11180	111799.64			0.796	5.000
207		10029	100290.24			0.992	5.000
208		23664	236641.84			1.038	5.000
220		1	6.70			29.191	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

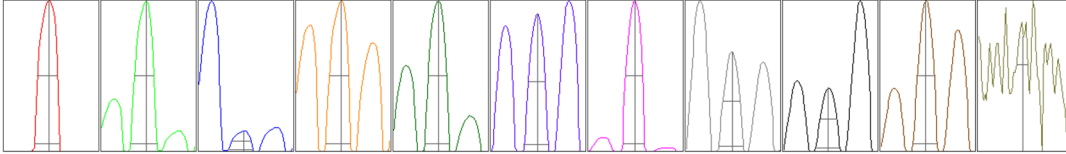
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2712	2735	2727	2713	2728
24	108036	108602	107930	107767	107262
25	14598	14899	14718	14593	14842
26	17124	17380	17200	17403	17234
59	42480	43342	43121	43642	42906
113	5025	5080	5059	5059	5010
115	61429	62747	61669	61691	61493
206	11070	11288	11166	11249	11126
207	9896	10169	10037	9988	10055
208	23275	23882	23605	23699	23860

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	0	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	4513.46	8.95	8.90 - 9.10	
24	188048.48	23.95	23.90 - 24.10	
25	24719.21	24.95	24.90 - 25.10	
26	29542.86	25.95	25.90 - 26.10	
59	76762.44	58.95	58.90 - 59.10	
113	9981.69	113.00	112.90 - 113.10	
115	120975.79	115.00	114.90 - 115.10	
206	21419.58	206.00	205.90 - 206.10	
207	19302.88	206.95	206.90 - 207.10	
208	46113.58	207.95	207.90 - 208.10	
220	0.80	219.95	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.789	0.900	
24	0.62	0.830	0.900	
25	0.62	0.784	0.900	
26	0.62	0.788	0.900	
59	0.58	0.782	0.900	
113	0.53	0.760	0.900	
115	0.54	0.692	0.900	
206	0.54	0.779	0.900	
207	0.53	0.759	0.900	
208	0.53	0.763	0.900	
220	0.35			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.50 L/min Dilution Gas 0.45 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.3 V	Deflect	15.0 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.05		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	-0.1 mm

EM

Discriminator	3.8 mV	Analog HV	2167 V	Pulse HV	1097 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9740	97396.46			1.063	
89		28065	280649.77			1.050	
205		10119	101193.15			1.159	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9812	9675	9859	9602	9750
89	28222	28052	28473	27747	27830
205	10145	10128	10297	10007	10019

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.50 L/min	Dilution Gas	0.45 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.3 V	Deflect	6.0 V

US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.05		
Hardware Settings					
Torch					
Torch H	0.1 mm	Torch V	-0.1 mm		
EM					
Discriminator	3.8 mV	Analog HV	2167 V	Pulse HV	1097 V

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:50:37	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.53	1.13	-3.66	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.03	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.09	0.02	-0.11	0.00	N/A	ppb
Boron	10-1	-0.51	0.09	0.42	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.67	-1.58	2.26	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.05	-0.02	0.00	N/A	ppb
Cadmium	111-1	-0.06	-0.11	0.17	0.00	N/A	ppb
Calcium	43-1	-5.50	1.39	4.11	0.00	N/A	ppb
Calcium	44-1	-13.30	-10.22	23.51	0.00	N/A	ppb
Chromium	52-2	0.06	-0.04	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.03	-0.02	0.00	N/A	ppb
Copper	63-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.60	-0.73	0.13	0.00	N/A	ppb
Iron	56-2	-0.23	0.18	0.05	0.00	N/A	ppb
Iron	57-2	-0.16	-0.40	0.56	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:50:37	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.81	0.58	0.22	0.00	N/A	ppb
Manganese	55-2	0.04	-0.07	0.03	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Molybdenum	96-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	97-1	0.03	-0.02	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.07	0.04	0.00	N/A	ppb
Phosphorus	31-2	-82.32	39.06	0.93	-14.11		ppb
Potassium	39-2	-8.93	2.41	6.52	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.57	-1.57	3.13	0.00	N/A	ppb
Selenium	78-2	-0.22	0.35	-0.14	0.00	N/A	ppb
Selenium	82-1	0.77	1.23	-1.99	0.00	N/A	ppb
Silicon	28-1	-10.03	-8.38	18.41	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-3.51	4.60	-1.09	0.00	N/A	ppb
Strontium	86-1	-0.11	0.13	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-936.45	-879.03	2568.97	251.16	799.28	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.09	-0.10	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.01	-0.02	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:50:37	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.17	-0.06	-0.11	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.03	-0.01	0.00	N/A	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:53:39	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.46	20.53	18.38	18.12	14.05	ppb
Antimony	121-1	2.11	2.06	2.14	2.10	1.80	ppb
Arsenic	75-2	1.11	1.08	1.04	1.08	3.45	ppb
Barium	135-1	10.33	11.00	10.73	10.69	3.14	ppb
Barium	137-1	10.62	10.65	10.42	10.56	1.17	ppb
Beryllium	9-1	0.82	1.04	1.07	0.98	13.78	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	19.09	21.78	22.68	21.18	8.80	ppb
Boron	10-1	17.67	19.14	22.29	19.70	11.98	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.48	1.89	1.02	0.81	148.18	ppb
Cadmium	108-1	0.85	1.35	1.36	1.19	24.48	ppb
Cadmium	111-1	0.96	1.01	0.96	0.98	2.81	ppb
Calcium	43-1	536.67	522.26	525.09	528.00	1.45	ppb
Calcium	44-1	548.94	510.20	522.86	527.33	3.75	ppb
Chromium	52-2	2.27	2.01	1.92	2.07	8.58	ppb
Cobalt	59-2	1.06	1.01	1.11	1.06	4.41	ppb
Copper	63-2	2.19	1.88	1.98	2.01	7.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	55.51	54.06	55.27	54.95	1.41	ppb
Iron	56-2	53.36	50.83	52.77	52.32	2.53	ppb
Iron	57-2	48.24	48.48	53.08	49.93	5.47	ppb
Krypton	83-1						cps
Lead	207-1	0.91	1.08	1.02	1.00	8.45	ppb
Lead	208-1	0.96	0.98	1.02	0.99	3.30	ppb
Lead	206-1	1.03	1.05	0.94	1.01	5.76	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:53:39	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	524.35	545.42	493.93	521.23	4.97	ppb
Manganese	55-2	1.05	0.99	0.97	1.00	4.14	ppb
Molybdenum	94-1	5.32	5.57	4.87	5.26	6.69	ppb
Molybdenum	95-1	5.77	5.50	5.46	5.58	3.02	ppb
Molybdenum	96-1	5.09	5.30	5.14	5.18	2.20	ppb
Molybdenum	97-1	5.59	5.58	5.58	5.58	0.13	ppb
Molybdenum	98-1	5.60	5.34	5.36	5.44	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	0.96	1.12	1.09	11.10	ppb
Phosphorus	31-2	54.75	-16.67	4.26	14.11	260.16	ppb
Potassium	39-2	476.40	481.65	489.99	482.68	1.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	14.60	3.05	0.76	6.14	120.91	ppb
Selenium	78-2	7.18	5.31	5.82	6.11	15.82	ppb
Selenium	82-1	5.83	7.48	5.84	6.39	14.87	ppb
Silicon	28-1	14.64	-3.84	6.79	5.87	158.13	ppb
Silver	109-1	0.99	0.86	0.88	0.91	7.79	ppb
Silver	107-1	0.95	0.97	0.93	0.95	2.27	ppb
Sodium	23-2	493.70	500.01	500.97	498.23	0.79	ppb
Strontium	86-1	1.01	1.34	0.76	1.04	28.04	ppb
Strontium	88-1	1.00	1.08	1.03	1.04	3.80	ppb
Sulfur	34-1	647.14	-1574.27	173.65	-251.16		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.02	1.00	1.01	1.01	1.24	ppb
Thallium	205-1	0.98	1.03	0.94	0.99	4.70	ppb
Tin	118-1	5.12	5.10	5.15	5.12	0.50	ppb
Titanium	47-1	5.25	5.00	4.93	5.06	3.25	ppb
Uranium	238-1	0.97	0.94	1.01	0.98	3.66	ppb
Vanadium	51-2	5.50	5.52	5.18	5.40	3.46	ppb
Yttrium	89-1				102		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:53:39	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2.10	1.75	2.09	1.98	10.23	ppb
Zirconium	90-1	1.01	0.98	0.90	0.96	6.20	ppb
Zirconium	91-1	1.04	1.01	0.80	0.95	13.42	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:56:39	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	939.27	965.17	942.64	949.03	1.48	ppb
Antimony	121-1	49.76	50.58	49.28	49.87	1.31	ppb
Arsenic	75-2	49.05	50.07	49.66	49.59	1.04	ppb
Barium	135-1	251.29	252.42	247.20	250.31	1.10	ppb
Barium	137-1	249.17	257.94	248.60	251.90	2.08	ppb
Beryllium	9-1	49.68	49.41	48.92	49.34	0.78	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	42.95	46.33	49.14	46.14	6.72	ppb
Boron	10-1	44.49	45.92	48.72	46.38	4.65	ppb
Bromine	81-1						cps
Cadmium	106-1	52.43	53.40	50.96	52.26	2.35	ppb
Cadmium	108-1	51.27	50.61	51.98	51.29	1.33	ppb
Cadmium	111-1	50.59	51.24	50.25	50.69	0.99	ppb
Calcium	43-1	4859.36	5073.16	5030.79	4987.77	2.27	ppb
Calcium	44-1	5066.56	5139.09	5103.95	5103.20	0.71	ppb
Chromium	52-2	48.79	50.83	49.89	49.84	2.05	ppb
Cobalt	59-2	49.78	52.39	48.84	50.34	3.65	ppb
Copper	63-2	102.11	103.91	99.76	101.93	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	2555.77	2607.03	2507.67	2556.82	1.94	ppb
Iron	56-2	2481.61	2522.52	2440.69	2481.61	1.65	ppb
Iron	57-2	2396.11	2590.06	2443.50	2476.56	4.08	ppb
Krypton	83-1						cps
Lead	207-1	50.67	50.32	49.93	50.31	0.73	ppb
Lead	208-1	49.25	48.69	48.81	48.92	0.60	ppb
Lead	206-1	50.01	48.19	48.90	49.04	1.87	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:56:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	5031.72	5169.69	4876.86	5026.09	2.91	ppb
Manganese	55-2	97.39	102.02	99.97	99.79	2.32	ppb
Molybdenum	94-1	241.89	246.15	248.90	245.65	1.44	ppb
Molybdenum	95-1	243.84	248.48	250.16	247.50	1.32	ppb
Molybdenum	96-1	239.71	240.40	244.81	241.64	1.14	ppb
Molybdenum	97-1	244.11	244.28	250.20	246.20	1.41	ppb
Molybdenum	98-1	245.73	250.32	248.21	248.09	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.95	52.94	48.78	50.56	4.25	ppb
Phosphorus	31-2	1121.41	1021.99	812.10	985.17	16.03	ppb
Potassium	39-2	2466.08	2492.91	2346.72	2435.24	3.20	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	37.89	38.61	52.72	43.07	19.41	ppb
Selenium	78-2	52.00	46.95	43.71	47.56	8.78	ppb
Selenium	82-1	50.68	50.99	52.02	51.23	1.37	ppb
Silicon	28-1	41.69	57.10	60.11	52.97	18.65	ppb
Silver	109-1	49.46	51.27	51.17	50.63	2.01	ppb
Silver	107-1	49.85	51.11	51.32	50.76	1.57	ppb
Sodium	23-2	4942.70	5187.77	4932.39	5020.95	2.88	ppb
Strontium	86-1	49.18	48.58	49.31	49.02	0.79	ppb
Strontium	88-1	50.75	50.45	50.91	50.70	0.46	ppb
Sulfur	34-1	-1038.79	-116.75	528.85	-208.90		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	49.42	47.92	48.94	48.76	1.57	ppb
Thallium	205-1	49.96	49.26	50.01	49.74	0.84	ppb
Tin	118-1	50.25	51.11	49.86	50.41	1.27	ppb
Titanium	47-1	251.14	250.99	249.01	250.38	0.47	ppb
Uranium	238-1	49.73	48.88	49.45	49.35	0.89	ppb
Vanadium	51-2	49.35	51.67	48.68	49.90	3.15	ppb
Yttrium	89-1				105		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:56:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	98.73	102.09	99.53	100.12	1.75	ppb
Zirconium	90-1	49.47	49.97	50.06	49.83	0.64	ppb
Zirconium	91-1	47.17	47.16	48.14	47.49	1.18	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:59:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2403.67	2367.86	2374.90	2382.14	0.80	ppb
Antimony	121-1	126.33	126.63	127.31	126.76	0.40	ppb
Arsenic	75-2	126.29	127.65	123.00	125.65	1.90	ppb
Barium	135-1	633.99	625.59	642.44	634.01	1.33	ppb
Barium	137-1	634.84	621.28	642.77	632.96	1.72	ppb
Beryllium	9-1	124.15	124.54	125.02	124.57	0.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	11-1	106.27	117.48	126.24	116.66	8.58	ppb
Boron	10-1	108.49	122.00	127.11	119.20	8.07	ppb
Bromine	81-1						cps
Cadmium	106-1	119.90	120.94	131.05	123.96	4.97	ppb
Cadmium	108-1	124.64	122.73	129.05	125.47	2.58	ppb
Cadmium	111-1	128.65	124.92	127.63	127.07	1.52	ppb
Calcium	43-1	13024.45	13093.56	12916.02	13011.34	0.69	ppb
Calcium	44-1	13322.30	13245.25	13194.51	13254.02	0.49	ppb
Chromium	52-2	127.36	125.38	124.24	125.66	1.26	ppb
Cobalt	59-2	129.38	124.23	126.63	126.75	2.03	ppb
Copper	63-2	257.45	257.26	252.32	255.67	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	6682.60	6484.05	6358.60	6508.42	2.51	ppb
Iron	56-2	6423.25	6232.90	6271.46	6309.21	1.60	ppb
Iron	57-2	6447.96	6294.88	6189.36	6310.73	2.06	ppb
Krypton	83-1						cps
Lead	207-1	125.10	129.39	124.51	126.33	2.11	ppb
Lead	208-1	123.93	126.75	122.47	124.38	1.75	ppb
Lead	206-1	125.26	127.50	124.17	125.64	1.35	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:59:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	12877.19	12398.78	12344.10	12540.02	2.34	ppb
Manganese	55-2	258.19	252.33	247.03	252.51	2.21	ppb
Molybdenum	94-1	642.30	636.32	637.22	638.62	0.51	ppb
Molybdenum	95-1	640.60	631.25	650.89	640.91	1.53	ppb
Molybdenum	96-1	630.31	624.60	640.80	631.90	1.30	ppb
Molybdenum	97-1	641.05	626.75	643.83	637.21	1.44	ppb
Molybdenum	98-1	639.15	639.35	645.42	641.31	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.57	126.90	129.72	129.06	1.49	ppb
Phosphorus	31-2	2274.98	2315.63	2289.00	2293.20	0.90	ppb
Potassium	39-2	6271.66	6209.55	6123.18	6201.47	1.20	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	112.09	131.41	126.47	123.32	8.14	ppb
Selenium	78-2	130.04	119.05	125.31	124.80	4.42	ppb
Selenium	82-1	122.97	122.39	128.51	124.62	2.71	ppb
Silicon	28-1	160.84	157.85	161.38	160.02	1.19	ppb
Silver	109-1	129.67	127.20	128.25	128.37	0.96	ppb
Silver	107-1	129.93	127.54	127.93	128.47	1.00	ppb
Sodium	23-2	12609.15	12386.44	12465.85	12487.15	0.90	ppb
Strontium	86-1	123.92	128.54	127.92	126.79	1.98	ppb
Strontium	88-1	129.56	128.73	129.31	129.20	0.33	ppb
Sulfur	34-1	1862.11	1821.43	1276.51	1653.35	19.78	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	125.54	126.60	124.89	125.68	0.69	ppb
Thallium	205-1	128.06	127.91	125.29	127.09	1.22	ppb
Tin	118-1	129.33	125.01	127.08	127.14	1.70	ppb
Titanium	47-1	647.71	628.78	640.56	639.01	1.50	ppb
Uranium	238-1	127.10	128.05	122.95	126.03	2.15	ppb
Vanadium	51-2	124.82	125.46	124.00	124.76	0.59	ppb
Yttrium	89-1				104		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:59:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	262.08	253.16	251.44	255.56	2.23	ppb
Zirconium	90-1	129.51	126.16	131.10	128.92	1.95	ppb
Zirconium	91-1	126.79	122.71	128.11	125.87	2.24	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:02:39	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4806.80	4800.15	4812.24	4806.40	0.13	ppb
Antimony	121-1	256.33	253.39	249.45	253.06	1.36	ppb
Arsenic	75-2	247.49	245.35	247.02	246.62	0.45	ppb
Barium	135-1	1267.26	1267.77	1263.06	1266.03	0.20	ppb
Barium	137-1	1286.75	1287.82	1264.48	1279.68	1.03	ppb
Beryllium	9-1	252.55	253.84	251.91	252.77	0.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	11-1	215.76	245.13	259.25	240.05	9.24	ppb
Boron	10-1	218.44	244.19	256.37	239.67	8.08	ppb
Bromine	81-1						cps
Cadmium	106-1	246.31	257.19	262.18	255.23	3.18	ppb
Cadmium	108-1	262.11	251.55	249.93	254.53	2.60	ppb
Cadmium	111-1	256.59	254.02	252.22	254.28	0.86	ppb
Calcium	43-1	25289.44	25681.09	25960.16	25643.56	1.31	ppb
Calcium	44-1	25822.96	25770.20	26244.53	25945.90	1.00	ppb
Chromium	52-2	253.37	254.49	248.66	252.17	1.23	ppb
Cobalt	59-2	251.63	257.39	254.32	254.45	1.13	ppb
Copper	63-2	508.46	517.09	504.79	510.11	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	12824.90	12938.30	12766.97	12843.39	0.68	ppb
Iron	56-2	12649.36	12391.01	12620.79	12553.72	1.13	ppb
Iron	57-2	12583.02	12640.36	12574.09	12599.16	0.29	ppb
Krypton	83-1						cps
Lead	207-1	251.98	256.10	250.36	252.82	1.17	ppb
Lead	208-1	248.15	248.73	244.45	247.11	0.94	ppb
Lead	206-1	251.03	248.84	247.80	249.22	0.66	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:02:39	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	25110.23	25103.08	24928.22	25047.18	0.41	ppb
Manganese	55-2	505.80	505.59	504.90	505.43	0.09	ppb
Molybdenum	94-1	1249.12	1262.13	1238.74	1250.00	0.94	ppb
Molybdenum	95-1	1265.23	1257.21	1241.44	1254.63	0.96	ppb
Molybdenum	96-1	1228.54	1267.85	1270.83	1255.74	1.88	ppb
Molybdenum	97-1	1239.66	1246.09	1267.15	1250.97	1.15	ppb
Molybdenum	98-1	1236.18	1257.29	1246.06	1246.51	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.43	253.84	254.98	254.75	0.32	ppb
Phosphorus	31-2	5001.12	4513.45	5185.88	4900.15	7.09	ppb
Potassium	39-2	12295.75	12406.94	12329.57	12344.09	0.46	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	233.23	282.05	216.99	244.09	13.87	ppb
Selenium	78-2	254.22	244.17	250.31	249.56	2.03	ppb
Selenium	82-1	249.75	255.35	247.79	250.96	1.56	ppb
Silicon	28-1	239.11	242.13	259.48	246.90	4.45	ppb
Silver	109-1	255.46	253.60	255.66	254.91	0.45	ppb
Silver	107-1	260.48	256.84	254.60	257.31	1.15	ppb
Sodium	23-2	25309.30	25055.18	25537.43	25300.64	0.95	ppb
Strontium	86-1	247.39	255.66	252.89	251.98	1.67	ppb
Strontium	88-1	252.06	259.55	253.99	255.20	1.52	ppb
Sulfur	34-1	3799.71	3047.19	3708.98	3518.63	11.67	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	251.13	249.37	250.58	250.36	0.36	ppb
Thallium	205-1	250.15	250.18	251.61	250.65	0.33	ppb
Tin	118-1	259.36	252.11	247.95	253.14	2.28	ppb
Titanium	47-1	1248.12	1252.85	1259.17	1253.38	0.44	ppb
Uranium	238-1	248.88	250.52	250.08	249.83	0.34	ppb
Vanadium	51-2	248.75	250.16	250.38	249.77	0.35	ppb
Yttrium	89-1				106		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:02:39	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	500.49	514.23	503.37	506.03	1.43	ppb
Zirconium	90-1	257.33	253.39	255.07	255.26	0.77	ppb
Zirconium	91-1	247.14	250.91	247.64	248.56	0.82	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:05:39	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9577.20	9518.35	9621.28	9572.28	0.54	ppb
Antimony	121-1	503.64	492.23	508.56	501.48	1.67	ppb
Arsenic	75-2	494.85	506.92	497.69	499.82	1.26	ppb
Barium	135-1	2477.38	2466.17	2531.57	2491.71	1.40	ppb
Barium	137-1	2522.46	2436.17	2573.57	2510.73	2.77	ppb
Beryllium	9-1	497.95	500.37	507.08	501.80	0.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	440.02	487.07	528.88	485.32	9.16	ppb
Boron	10-1	443.83	482.89	533.64	486.79	9.25	ppb
Bromine	81-1						cps
Cadmium	106-1	510.44	483.02	511.78	501.74	3.23	ppb
Cadmium	108-1	510.80	497.20	510.13	506.05	1.51	ppb
Cadmium	111-1	509.37	493.32	507.75	503.48	1.75	ppb
Calcium	43-1	51374.93	51082.38	53040.46	51832.59	2.04	ppb
Calcium	44-1	51116.76	50733.66	52333.71	51394.71	1.63	ppb
Chromium	52-2	508.32	506.94	494.85	503.37	1.47	ppb
Cobalt	59-2	516.62	498.59	496.77	503.99	2.18	ppb
Copper	63-2	1040.69	1013.58	988.68	1014.32	2.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	26341.54	25852.65	25311.80	25835.33	1.99	ppb
Iron	56-2	25650.87	24833.09	24275.81	24919.92	2.78	ppb
Iron	57-2	25738.25	25097.03	24345.25	25060.18	2.78	ppb
Krypton	83-1						cps
Lead	207-1	498.58	502.20	494.16	498.32	0.81	ppb
Lead	208-1	504.07	500.66	503.71	502.81	0.37	ppb
Lead	206-1	501.17	492.79	496.51	496.82	0.85	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:05:39	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	49668.85	48705.04	49426.72	49266.87	1.02	ppb
Manganese	55-2	1016.69	998.88	1009.08	1008.22	0.89	ppb
Molybdenum	94-1	2543.44	2510.68	2467.37	2507.16	1.52	ppb
Molybdenum	95-1	2491.30	2477.51	2447.06	2471.96	0.92	ppb
Molybdenum	96-1	2545.75	2479.56	2471.10	2498.80	1.64	ppb
Molybdenum	97-1	2569.62	2533.76	2500.23	2534.54	1.37	ppb
Molybdenum	98-1	2557.96	2470.05	2441.15	2489.72	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.91	503.86	502.82	510.53	2.44	ppb
Phosphorus	31-2	10571.75	10549.73	10508.17	10543.22	0.31	ppb
Potassium	39-2	25352.93	24897.88	24781.91	25010.90	1.21	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	486.95	478.76	498.73	488.15	2.06	ppb
Selenium	78-2	499.28	489.71	512.56	500.52	2.29	ppb
Selenium	82-1	510.40	500.06	496.52	502.33	1.44	ppb
Silicon	28-1	499.43	529.11	556.43	528.32	5.40	ppb
Silver	109-1	504.55	494.42	512.79	503.92	1.83	ppb
Silver	107-1	507.38	495.54	521.41	508.11	2.55	ppb
Sodium	23-2	50812.92	49076.75	48323.22	49404.30	2.58	ppb
Strontium	86-1	507.19	503.55	503.96	504.90	0.39	ppb
Strontium	88-1	509.71	508.44	499.69	505.95	1.08	ppb
Sulfur	34-1	9261.79	9366.91	9244.26	9290.99	0.71	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	514.96	500.54	500.27	505.26	1.66	ppb
Thallium	205-1	505.75	503.30	504.95	504.67	0.25	ppb
Tin	118-1	501.11	492.33	516.76	503.40	2.46	ppb
Titanium	47-1	2523.99	2499.13	2501.35	2508.16	0.55	ppb
Uranium	238-1	508.74	503.26	502.08	504.69	0.70	ppb
Vanadium	51-2	510.57	498.88	498.57	502.68	1.36	ppb
Yttrium	89-1				107		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:05:39	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	1025.62	1019.40	987.15	1010.72	2.04	ppb
Zirconium	90-1	503.45	501.56	500.50	501.84	0.30	ppb
Zirconium	91-1	504.23	498.50	505.55	502.76	0.75	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:08:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18687.98	18622.25	19055.01	18788.41	1.24	ppb
Antimony	121-1	1006.17	976.23	1012.45	998.28	1.94	ppb
Arsenic	75-2	1002.42	1003.05	997.15	1000.87	0.32	ppb
Barium	135-1	5043.59	4873.37	5080.02	4999.00	2.21	ppb
Barium	137-1	5026.94	4850.95	5080.47	4986.12	2.41	ppb
Beryllium	9-1	994.75	997.86	1002.87	998.50	0.41	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	11-1	916.03	1021.43	1096.01	1011.16	8.94	ppb
Boron	10-1	916.60	1009.23	1104.86	1010.23	9.32	ppb
Bromine	81-1						cps
Cadmium	106-1	1009.40	962.77	1021.34	997.84	3.10	ppb
Cadmium	108-1	1003.70	967.61	1015.85	995.72	2.52	ppb
Cadmium	111-1	1009.06	968.66	1012.97	996.90	2.46	ppb
Calcium	43-1	103179.64	103914.61	106057.18	104383.81	1.43	ppb
Calcium	44-1	102949.50	103224.45	105077.50	103750.48	1.12	ppb
Chromium	52-2	991.10	994.42	1007.58	997.70	0.87	ppb
Cobalt	59-2	982.33	1007.84	999.80	996.66	1.31	ppb
Copper	63-2	2001.78	1975.38	1991.36	1989.51	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	54-2	51895.24	52149.46	51722.61	51922.43	0.41	ppb
Iron	56-2	50158.64	49070.91	50434.91	49888.16	1.45	ppb
Iron	57-2	49889.70	49708.93	50008.29	49868.98	0.30	ppb
Krypton	83-1						cps
Lead	207-1	1031.38	977.65	990.84	999.96	2.80	ppb
Lead	208-1	1019.36	989.12	989.86	999.45	1.73	ppb
Lead	206-1	995.42	1012.96	996.87	1001.75	0.97	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:08:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	97479.70	96267.11	96149.39	96632.07	0.76	ppb
Manganese	55-2	1983.36	1973.30	2026.03	1994.23	1.40	ppb
Molybdenum	94-1	4994.74	4923.62	5066.47	4994.94	1.43	ppb
Molybdenum	95-1	4986.37	5007.61	5039.05	5011.01	0.53	ppb
Molybdenum	96-1	5017.54	4905.73	5072.92	4998.73	1.70	ppb
Molybdenum	97-1	4995.66	4901.62	5046.20	4981.16	1.47	ppb
Molybdenum	98-1	5001.29	4961.25	5049.69	5004.08	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.25	996.57	996.22	993.01	0.59	ppb
Phosphorus	31-2	20413.94	19674.01	19251.88	19779.94	2.97	ppb
Potassium	39-2	48525.17	48932.11	49823.01	49093.43	1.35	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	77-2	1065.35	1031.56	926.95	1007.96	7.16	ppb
Selenium	78-2	1007.39	1016.88	975.71	999.99	2.16	ppb
Selenium	82-1	999.47	992.67	1003.59	998.58	0.55	ppb
Silicon	28-1	940.22	978.79	1027.38	982.13	4.45	ppb
Silver	109-1	1016.81	968.12	1004.15	996.36	2.54	ppb
Silver	107-1	1003.60	969.12	1008.22	993.65	2.15	ppb
Sodium	23-2	97955.63	95873.88	98523.13	97450.88	1.43	ppb
Strontium	86-1	994.19	987.12	1009.33	996.88	1.14	ppb
Strontium	88-1	995.22	996.51	993.77	995.17	0.14	ppb
Sulfur	34-1	21070.91	20926.64	20675.83	20891.13	0.96	ppb
Terbium	159-1				112		%
Terbium	159-2				113		%
Thallium	203-1	996.58	983.24	1011.96	997.26	1.44	ppb
Thallium	205-1	991.72	992.20	1007.85	997.26	0.92	ppb
Tin	118-1	1004.13	973.62	1013.93	997.23	2.11	ppb
Titanium	47-1	4917.74	4957.09	5105.12	4993.32	1.98	ppb
Uranium	238-1	1013.12	975.59	1004.10	997.60	1.96	ppb
Vanadium	51-2	998.12	990.29	1007.86	998.75	0.88	ppb
Yttrium	89-1				112		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:08:37	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	1985.75	1981.13	2010.43	1992.44	0.79	ppb
Zirconium	90-1	982.27	1007.49	1002.08	997.28	1.33	ppb
Zirconium	91-1	997.03	992.08	1007.87	998.99	0.81	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:11:38	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97412.90	95748.36	107733.42	100298.23	6.47	ppb
Antimony	121-1	0.65	0.64	0.64	0.64	0.79	ppb
Arsenic	75-2	0.39	0.39	0.55	0.44	19.92	ppb
Barium	135-1	10.45	10.49	10.34	10.43	0.74	ppb
Barium	137-1	10.71	10.54	10.11	10.45	2.95	ppb
Beryllium	9-1	0.26	0.26	0.16	0.23	25.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	11-1	224.70	212.68	193.33	210.24	7.53	ppb
Boron	10-1	231.15	209.47	191.00	210.54	9.55	ppb
Bromine	81-1						cps
Cadmium	106-1	1.11	-0.35	2.82	1.19	132.96	ppb
Cadmium	108-1	0.33	0.40	0.60	0.44	31.58	ppb
Cadmium	111-1	0.41	0.30	0.58	0.43	32.65	ppb
Calcium	43-1	499029.44	513180.55	484475.34	498895.11	2.88	ppb
Calcium	44-1	492802.29	507159.86	497167.53	499043.23	1.47	ppb
Chromium	52-2	17.90	17.71	19.66	18.42	5.84	ppb
Cobalt	59-2	1.67	1.54	1.82	1.68	8.50	ppb
Copper	63-2	5.45	5.00	5.42	5.29	4.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	244568.67	238500.23	265454.44	249507.78	5.67	ppb
Iron	56-2	244831.88	241280.97	263966.33	250026.39	4.88	ppb
Iron	57-2	244223.31	238783.90	267034.62	250013.95	6.00	ppb
Krypton	83-1						cps
Lead	207-1	5.07	5.26	4.96	5.10	3.01	ppb
Lead	208-1	4.92	4.85	4.86	4.88	0.78	ppb
Lead	206-1	5.06	4.94	5.02	5.00	1.22	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:11:38	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	489813.21	471161.97	541254.59	500743.26	7.25	ppb
Manganese	55-2	8.85	9.05	9.62	9.17	4.37	ppb
Molybdenum	94-1	2.83	2.72	2.89	2.81	3.23	ppb
Molybdenum	95-1	3.40	3.16	3.29	3.28	3.64	ppb
Molybdenum	96-1	3.65	3.69	3.37	3.57	4.89	ppb
Molybdenum	97-1	3.40	3.17	3.27	3.28	3.42	ppb
Molybdenum	98-1	3.41	3.26	3.07	3.25	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.85	12.63	13.11	12.53	5.09	ppb
Phosphorus	31-2	-125.56	-51.29	101.56	-25.10		ppb
Potassium	39-2	244893.25	238589.97	267086.52	250189.92	5.98	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	-1.57	0.57	3.25	0.75	321.37	ppb
Selenium	78-2	-1.20	-2.62	0.29	-1.18		ppb
Selenium	82-1	2.26	-1.80	1.06	0.51	410.84	ppb
Silicon	28-1	30.64	34.44	23.37	29.48	19.08	ppb
Silver	109-1	0.39	0.35	0.34	0.36	7.04	ppb
Silver	107-1	0.40	0.36	0.29	0.35	16.96	ppb
Sodium	23-2	488369.63	472812.62	540481.18	500554.48	7.08	ppb
Strontium	86-1	2.28	1.80	1.81	1.96	13.86	ppb
Strontium	88-1	2.28	2.15	2.18	2.20	2.93	ppb
Sulfur	34-1	-5309.84	-4264.93	-4901.73	-4825.50		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.64	0.63	0.49	0.59	13.93	ppb
Thallium	205-1	0.67	0.61	0.52	0.60	12.68	ppb
Tin	118-1	0.46	0.43	0.39	0.42	8.46	ppb
Titanium	47-1	1.01	0.95	0.46	0.81	37.17	ppb
Uranium	238-1	0.22	0.21	0.19	0.21	5.84	ppb
Vanadium	51-2	0.42	0.35	0.43	0.40	11.09	ppb
Yttrium	89-1				108		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:11:38	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	28.63	26.21	31.74	28.86	9.60	ppb
Zirconium	90-1	0.29	0.32	0.26	0.29	9.55	ppb
Zirconium	91-1	0.33	0.31	0.29	0.31	5.89	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:21:31	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	479.08	481.08	482.95	481.04	0.40	ppb
Antimony	121-1	199.73	199.94	199.86	199.84	0.05	ppb
Arsenic	75-2	198.90	199.01	201.60	199.84	0.76	ppb
Barium	135-1	101.30	102.28	103.79	102.46	1.23	ppb
Barium	137-1	103.46	104.14	101.75	103.12	1.20	ppb
Beryllium	9-1	97.58	100.17	100.83	99.52	1.73	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	42.72	41.50	42.90	42.37	1.81	ppb
Boron	10-1	41.68	43.26	41.77	42.24	2.09	ppb
Bromine	81-1						cps
Cadmium	106-1	85.35	91.61	89.05	88.67	3.55	ppb
Cadmium	108-1	102.57	100.15	109.15	103.96	4.48	ppb
Cadmium	111-1	101.99	104.19	101.81	102.67	1.29	ppb
Calcium	43-1	1959.13	1959.51	1848.70	1922.45	3.32	ppb
Calcium	44-1	1995.85	2038.04	1986.34	2006.75	1.37	ppb
Chromium	52-2	101.39	101.05	103.83	102.09	1.49	ppb
Cobalt	59-2	104.74	103.51	104.15	104.13	0.59	ppb
Copper	63-2	106.61	105.97	107.91	106.83	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	2048.82	2013.34	2057.43	2039.86	1.15	ppb
Iron	56-2	1932.42	1936.92	1974.98	1948.11	1.20	ppb
Iron	57-2	1976.70	1982.12	2019.19	1992.67	1.16	ppb
Krypton	83-1						cps
Lead	207-1	191.43	195.71	198.09	195.08	1.73	ppb
Lead	208-1	192.41	196.66	197.97	195.68	1.49	ppb
Lead	206-1	197.98	202.77	205.09	201.95	1.79	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:21:31	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	1187.31	1182.25	1186.95	1185.50	0.24	ppb
Manganese	55-2	99.12	98.59	100.07	99.26	0.76	ppb
Molybdenum	94-1	1623.83	1600.43	1660.95	1628.40	1.87	ppb
Molybdenum	95-1	2304.91	2245.53	2353.50	2301.32	2.35	ppb
Molybdenum	96-1	2216.05	2175.82	2254.10	2215.32	1.77	ppb
Molybdenum	97-1	2265.34	2311.41	2368.52	2315.09	2.23	ppb
Molybdenum	98-1	2276.79	2297.62	2352.86	2309.09	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.17	102.06	102.85	103.03	1.03	ppb
Phosphorus	31-2	-107.30	-40.59	-67.78	-71.89		ppb
Potassium	39-2	1932.80	1878.67	1952.27	1921.25	1.99	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	198.02	166.18	202.28	188.83	10.45	ppb
Selenium	78-2	211.24	210.85	212.01	211.36	0.28	ppb
Selenium	82-1	195.43	202.86	211.17	203.15	3.88	ppb
Silicon	28-1	-2.15	3.54	-6.11	-1.57		ppb
Silver	109-1	49.02	50.45	49.32	49.59	1.52	ppb
Silver	107-1	48.87	50.85	49.99	49.90	1.99	ppb
Sodium	23-2	2023.04	2002.94	2018.69	2014.89	0.52	ppb
Strontium	86-1	0.18	0.31	0.20	0.23	30.30	ppb
Strontium	88-1	0.24	0.26	0.26	0.25	3.97	ppb
Sulfur	34-1	-2590.78	-2277.03	-3851.51	-2906.44		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	195.61	204.35	203.69	201.21	2.42	ppb
Thallium	205-1	196.45	202.56	203.47	200.83	1.90	ppb
Tin	118-1	0.03	0.06	0.03	0.04	36.03	ppb
Titanium	47-1	2281.00	2362.92	2272.62	2305.51	2.16	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	100.06	96.95	100.57	99.19	1.98	ppb
Yttrium	89-1				106		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:21:31	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	197.82	198.76	198.96	198.51	0.31	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	54.88	ppb
Zirconium	91-1	0.08	0.11	0.10	0.10	19.93	ppb

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-23 14:31:18 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.03	5.57	3.82	4.48	21.36	ppb
Antimony	121-1	0.00	0.00	0.01	0.01	143.27	ppb
Arsenic	75-2	-0.02	-0.06	-0.05	-0.04		ppb
Barium	135-1	-0.04	-0.02	-0.04	-0.04		ppb
Barium	137-1	-0.03	-0.04	-0.02	-0.03		ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	22.41	21.34	21.28	21.68	2.94	ppb
Boron	10-1	22.51	19.83	22.24	21.52	6.84	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.51	0.19	0.80	-0.17		ppb
Cadmium	108-1	-0.02	0.26	0.05	0.09	156.99	ppb
Cadmium	111-1	-0.10	-0.02	0.05	-0.02		ppb
Calcium	43-1	1.60	-11.80	1.70	-2.83		ppb
Calcium	44-1	-27.48	-26.02	-20.40	-24.63		ppb
Chromium	52-2	0.16	0.03	-0.03	0.05	177.15	ppb
Cobalt	59-2	-0.01	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.00	0.01	-0.04	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	2.13	0.41	1.14	1.23	70.43	ppb
Iron	56-2	0.03	-0.40	-0.40	-0.26		ppb
Iron	57-2	1.09	2.20	1.82	1.70	33.33	ppb
Krypton	83-1						cps
Lead	207-1	0.00	0.01	-0.04	-0.01		ppb
Lead	208-1	0.00	0.01	0.00	0.00	175.28	ppb
Lead	206-1	0.01	0.04	0.03	0.03	47.70	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:31:18	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	0.44	-2.48	-2.50	-1.51		ppb
Manganese	55-2	-0.09	0.04	-0.02	-0.02		ppb
Molybdenum	94-1	0.01	0.03	0.01	0.02	59.08	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	66.31	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	37.93	ppb
Molybdenum	97-1	0.02	0.02	-0.01	0.01	136.25	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.05	-0.01	-0.01		ppb
Phosphorus	31-2	-81.64	-50.43	-79.16	-70.41		ppb
Potassium	39-2	-12.51	-10.02	3.56	-6.32		ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	-1.57	-1.57	-1.57	-1.57		ppb
Selenium	78-2	2.65	-1.82	-1.64	-0.27		ppb
Selenium	82-1	1.51	1.72	-2.67	0.19	1330.09	ppb
Silicon	28-1	-14.69	-13.03	-8.76	-12.16		ppb
Silver	109-1	0.00	0.00	0.00	0.00	386.31	ppb
Silver	107-1	0.00	0.00	0.00	0.00	36.84	ppb
Sodium	23-2	7.43	13.72	3.03	8.06	66.63	ppb
Strontium	86-1	-0.07	0.10	0.11	0.05	225.55	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	460.15	ppb
Sulfur	34-1	-2552.15	-2804.71	-1911.34	-2422.73		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.01	0.00	0.00	45.46	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	69.65	ppb
Tin	118-1	-0.01	0.00	0.02	0.00	1600.34	ppb
Titanium	47-1	-0.07	-0.23	-0.10	-0.13		ppb
Uranium	238-1	-0.01	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	-0.02	-0.01		ppb
Yttrium	89-1				102		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:31:18	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	0.24	-0.10	0.26	0.13	150.76	ppb
Zirconium	90-1	-0.01	-0.03	-0.02	-0.02		ppb
Zirconium	91-1	-0.01	0.03	0.00	0.01	220.35	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:34:06	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86049.65	82394.48	82961.25	83801.79	2.35	ppb
Antimony	121-1	1.05	1.09	1.16	1.10	4.98	ppb
Arsenic	75-2	0.26	0.29	0.30	0.29	6.77	ppb
Barium	135-1	1.36	1.21	1.42	1.33	8.08	ppb
Barium	137-1	1.26	1.34	1.36	1.32	3.91	ppb
Beryllium	9-1	0.29	0.32	0.33	0.31	7.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	23.19	23.22	22.59	23.00	1.53	ppb
Boron	10-1	26.92	21.40	21.27	23.19	13.89	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.63	-0.11	-0.01	-0.25		ppb
Cadmium	108-1	9.13	7.44	8.61	8.39	10.31	ppb
Cadmium	111-1	0.17	0.33	0.35	0.28	34.95	ppb
Calcium	43-1	98291.19	96661.76	99557.37	98170.10	1.48	ppb
Calcium	44-1	98992.33	96177.38	101075.75	98748.49	2.49	ppb
Chromium	52-2	19.03	19.32	18.55	18.96	2.04	ppb
Cobalt	59-2	1.21	1.11	1.14	1.15	4.58	ppb
Copper	63-2	7.36	7.40	7.59	7.45	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	95500.64	95626.35	97794.39	96307.13	1.34	ppb
Iron	56-2	96023.42	92182.13	96300.72	94835.42	2.43	ppb
Iron	57-2	97985.66	94138.41	97771.61	96631.89	2.24	ppb
Krypton	83-1						cps
Lead	207-1	4.35	4.74	4.84	4.64	5.55	ppb
Lead	208-1	4.41	4.70	4.81	4.64	4.49	ppb
Lead	206-1	4.86	4.79	5.03	4.89	2.52	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:34:06	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	93189.77	89952.55	90410.51	91184.28	1.92	ppb
Manganese	55-2	7.30	7.26	7.83	7.47	4.27	ppb
Molybdenum	94-1	1337.52	1329.45	1378.64	1348.53	1.96	ppb
Molybdenum	95-1	1908.59	1879.02	1972.97	1920.19	2.50	ppb
Molybdenum	96-1	1816.30	1840.56	1857.52	1838.13	1.13	ppb
Molybdenum	97-1	1905.66	1935.01	1914.65	1918.44	0.78	ppb
Molybdenum	98-1	1874.58	1889.34	1926.90	1896.94	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.31	5.11	5.30	5.24	2.19	ppb
Phosphorus	31-2	95849.37	91290.53	95001.75	94047.21	2.58	ppb
Potassium	39-2	93459.75	91278.10	94003.14	92913.66	1.55	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	-1.57	-1.57	-1.57	-1.57		ppb
Selenium	78-2	0.13	-0.53	-3.21	-1.20		ppb
Selenium	82-1	1.43	-1.09	-1.68	-0.45		ppb
Silicon	28-1	25.09	16.25	26.65	22.66	24.74	ppb
Silver	109-1	0.00	0.01	0.02	0.01	66.66	ppb
Silver	107-1	0.01	0.02	0.03	0.02	50.00	ppb
Sodium	23-2	94299.76	92308.34	95523.08	94043.73	1.73	ppb
Strontium	86-1	32.46	34.10	33.87	33.48	2.65	ppb
Strontium	88-1	33.37	33.48	34.50	33.79	1.84	ppb
Sulfur	34-1	91757.70	88852.16	88652.30	89754.06	1.94	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.04	0.07	0.05	40.27	ppb
Thallium	205-1	0.02	0.05	0.07	0.05	53.31	ppb
Tin	118-1	0.71	0.70	0.73	0.71	2.11	ppb
Titanium	47-1	1926.31	1866.06	1962.01	1918.13	2.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.95	ppb
Vanadium	51-2	0.16	0.12	0.15	0.15	12.72	ppb
Yttrium	89-1				108		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:34:06	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	10.05	10.33	9.78	10.05	2.75	ppb
Zirconium	90-1	0.00	-0.02	-0.01	-0.01		ppb
Zirconium	91-1	0.03	0.01	0.00	0.01	114.19	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:36:57	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85956.72	84281.69	85637.42	85291.94	1.04	ppb
Antimony	121-1	20.28	20.34	20.90	20.51	1.65	ppb
Arsenic	75-2	19.58	19.36	19.34	19.43	0.69	ppb
Barium	135-1	21.03	22.31	20.97	21.43	3.54	ppb
Barium	137-1	21.08	20.96	21.88	21.31	2.34	ppb
Beryllium	9-1	18.95	19.76	19.50	19.40	2.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	11-1	53.74	56.81	58.16	56.24	4.02	ppb
Boron	10-1	56.76	56.66	57.44	56.95	0.75	ppb
Bromine	81-1						cps
Cadmium	106-1	20.08	17.84	17.95	18.62	6.78	ppb
Cadmium	108-1	28.84	25.72	26.70	27.09	5.88	ppb
Cadmium	111-1	19.60	19.62	19.52	19.58	0.27	ppb
Calcium	43-1	97818.42	99619.58	100015.05	99151.02	1.18	ppb
Calcium	44-1	99726.48	99869.48	100779.22	100125.06	0.57	ppb
Chromium	52-2	38.00	38.07	37.65	37.91	0.61	ppb
Cobalt	59-2	21.11	20.44	20.75	20.77	1.61	ppb
Copper	63-2	27.93	27.87	27.69	27.83	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	97680.71	96367.75	96470.09	96839.51	0.75	ppb
Iron	56-2	96343.35	97211.71	95559.01	96371.36	0.86	ppb
Iron	57-2	98736.53	98801.15	97925.63	98487.77	0.50	ppb
Krypton	83-1						cps
Lead	207-1	23.79	24.58	23.71	24.03	2.01	ppb
Lead	208-1	23.54	24.33	23.69	23.85	1.76	ppb
Lead	206-1	24.38	24.87	25.16	24.80	1.59	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:36:57	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	93761.37	93102.66	90794.27	92552.76	1.68	ppb
Manganese	55-2	27.02	27.28	26.38	26.89	1.73	ppb
Molybdenum	94-1	1457.02	1431.83	1415.64	1434.83	1.45	ppb
Molybdenum	95-1	1977.45	1930.71	1936.35	1948.17	1.31	ppb
Molybdenum	96-1	1901.62	1870.15	1904.63	1892.13	1.01	ppb
Molybdenum	97-1	1964.22	1967.87	1949.78	1960.62	0.49	ppb
Molybdenum	98-1	2001.72	1928.28	1920.80	1950.27	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.23	24.61	24.49	24.77	1.60	ppb
Phosphorus	31-2	95120.95	95330.88	95471.64	95307.83	0.19	ppb
Potassium	39-2	94434.76	93858.95	93749.63	94014.45	0.39	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	15.80	11.49	18.04	15.11	22.05	ppb
Selenium	78-2	18.68	18.75	18.79	18.74	0.29	ppb
Selenium	82-1	22.34	17.24	19.10	19.56	13.19	ppb
Silicon	28-1	61.52	69.73	67.42	66.22	6.39	ppb
Silver	109-1	18.09	18.74	18.94	18.59	2.39	ppb
Silver	107-1	18.23	18.93	18.94	18.70	2.18	ppb
Sodium	23-2	95209.34	94115.29	92471.81	93932.15	1.47	ppb
Strontium	86-1	63.59	64.25	64.10	63.98	0.54	ppb
Strontium	88-1	66.12	65.09	65.24	65.49	0.85	ppb
Sulfur	34-1	88256.21	91093.66	92095.91	90481.93	2.20	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	19.71	20.15	19.91	19.92	1.10	ppb
Thallium	205-1	19.55	20.53	19.78	19.95	2.58	ppb
Tin	118-1	30.97	31.83	32.21	31.67	2.00	ppb
Titanium	47-1	1967.30	1997.00	1976.89	1980.40	0.77	ppb
Uranium	238-1	30.55	30.80	30.56	30.63	0.46	ppb
Vanadium	51-2	19.86	19.50	18.84	19.40	2.68	ppb
Yttrium	89-1				108		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:36:57	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	30.04	28.88	29.22	29.38	2.02	ppb
Zirconium	90-1	31.65	31.53	32.05	31.74	0.86	ppb
Zirconium	91-1	31.26	30.99	30.29	30.85	1.62	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:39:44	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48110.85	48547.36	52427.06	49695.09	4.78	ppb
Antimony	121-1	477.09	505.32	484.55	488.99	2.99	ppb
Arsenic	75-2	477.68	479.79	524.72	494.07	5.38	ppb
Barium	135-1	2467.87	2541.20	2426.20	2478.42	2.35	ppb
Barium	137-1	2506.83	2560.26	2485.33	2517.48	1.53	ppb
Beryllium	9-1	481.81	484.21	485.25	483.76	0.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	424.15	480.92	520.51	475.19	10.19	ppb
Boron	10-1	411.25	472.33	511.97	465.18	10.91	ppb
Bromine	81-1						cps
Cadmium	106-1	482.53	498.28	484.64	488.48	1.75	ppb
Cadmium	108-1	498.81	498.85	485.45	494.37	1.56	ppb
Cadmium	111-1	485.82	495.40	480.19	487.14	1.58	ppb
Calcium	43-1	242160.25	236697.73	247750.00	242202.66	2.28	ppb
Calcium	44-1	245644.32	244118.01	247208.57	245656.97	0.63	ppb
Chromium	52-2	496.60	499.15	535.95	510.57	4.31	ppb
Cobalt	59-2	483.88	488.73	534.60	502.40	5.57	ppb
Copper	63-2	948.23	979.77	1060.35	996.12	5.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	119868.99	120671.70	132141.04	124227.24	5.53	ppb
Iron	56-2	116677.57	121648.46	128032.02	122119.35	4.66	ppb
Iron	57-2	122261.82	124720.70	130782.03	125921.52	3.48	ppb
Krypton	83-1						cps
Lead	207-1	492.46	517.42	486.10	498.66	3.32	ppb
Lead	208-1	492.12	516.11	484.76	497.66	3.29	ppb
Lead	206-1	484.46	506.43	480.66	490.51	2.84	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:39:44	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	227843.64	235976.66	247000.34	236940.22	4.06	ppb
Manganese	55-2	970.95	1004.67	1082.51	1019.38	5.61	ppb
Molybdenum	94-1	2391.50	2438.61	2418.29	2416.13	0.98	ppb
Molybdenum	95-1	2393.05	2417.90	2364.19	2391.72	1.12	ppb
Molybdenum	96-1	2404.73	2379.53	2452.12	2412.13	1.53	ppb
Molybdenum	97-1	2428.15	2372.91	2421.45	2407.50	1.25	ppb
Molybdenum	98-1	2407.06	2391.83	2422.20	2407.03	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.27	492.04	538.64	504.65	5.90	ppb
Phosphorus	31-2	9849.83	9959.10	10681.49	10163.47	4.45	ppb
Potassium	39-2	117883.27	117670.89	130035.20	121863.12	5.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	77-2	457.13	502.86	525.39	495.12	7.03	ppb
Selenium	78-2	482.36	499.90	523.57	501.94	4.12	ppb
Selenium	82-1	475.06	478.98	472.30	475.45	0.71	ppb
Silicon	28-1	431.25	465.53	479.64	458.81	5.42	ppb
Silver	109-1	489.91	502.44	491.90	494.75	1.36	ppb
Silver	107-1	486.82	502.48	483.34	490.88	2.08	ppb
Sodium	23-2	219889.50	229466.47	241872.01	230409.32	4.78	ppb
Strontium	86-1	483.14	485.36	480.54	483.02	0.50	ppb
Strontium	88-1	489.42	507.93	493.47	496.94	1.96	ppb
Sulfur	34-1	4271.86	4023.10	4283.46	4192.81	3.51	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	486.67	508.00	487.96	494.21	2.42	ppb
Thallium	205-1	498.27	518.96	495.52	504.25	2.54	ppb
Tin	118-1	492.71	501.20	492.13	495.35	1.03	ppb
Titanium	47-1	2456.08	2472.67	2443.91	2457.55	0.59	ppb
Uranium	238-1	514.87	523.40	503.92	514.07	1.90	ppb
Vanadium	51-2	483.33	496.72	541.11	507.06	5.96	ppb
Yttrium	89-1				113		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:39:44	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	968.15	975.02	1076.47	1006.55	6.03	ppb
Zirconium	90-1	501.95	501.38	499.01	500.78	0.31	ppb
Zirconium	91-1	489.33	495.25	486.89	490.49	0.88	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:52:25	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.80	20.38	23.63	23.27	11.73	ppb
Antimony	121-1	1.99	2.03	1.98	2.00	1.39	ppb
Arsenic	75-2	0.83	1.01	1.02	0.95	11.13	ppb
Barium	135-1	9.72	10.20	10.42	10.11	3.52	ppb
Barium	137-1	9.81	10.81	10.40	10.34	4.89	ppb
Beryllium	9-1	1.15	0.87	1.13	1.05	14.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	37.28	39.60	41.26	39.38	5.08	ppb
Boron	10-1	36.28	41.93	39.89	39.37	7.27	ppb
Bromine	81-1						cps
Cadmium	106-1	1.23	0.90	1.86	1.33	36.96	ppb
Cadmium	108-1	0.75	0.89	0.61	0.75	18.89	ppb
Cadmium	111-1	0.99	1.14	1.18	1.11	8.97	ppb
Calcium	43-1	485.55	481.72	484.61	483.96	0.41	ppb
Calcium	44-1	554.87	539.33	550.14	548.11	1.45	ppb
Chromium	52-2	2.00	2.08	2.54	2.21	13.36	ppb
Cobalt	59-2	0.96	1.06	0.98	1.00	5.45	ppb
Copper	63-2	2.08	2.20	1.95	2.07	6.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	51.78	57.64	55.30	54.91	5.37	ppb
Iron	56-2	53.18	55.08	54.32	54.19	1.77	ppb
Iron	57-2	59.60	59.21	58.57	59.13	0.88	ppb
Krypton	83-1						cps
Lead	207-1	0.98	1.04	1.10	1.04	5.82	ppb
Lead	208-1	1.03	1.01	1.06	1.03	2.07	ppb
Lead	206-1	1.08	1.07	1.11	1.09	1.49	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:52:25	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	503.43	504.92	510.68	506.34	0.76	ppb
Manganese	55-2	1.11	1.11	0.83	1.02	15.66	ppb
Molybdenum	94-1	5.15	5.29	5.55	5.33	3.84	ppb
Molybdenum	95-1	5.48	5.43	5.03	5.31	4.59	ppb
Molybdenum	96-1	4.98	5.51	5.08	5.19	5.42	ppb
Molybdenum	97-1	5.00	5.22	5.03	5.08	2.38	ppb
Molybdenum	98-1	5.25	5.15	5.48	5.29	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.06	1.18	1.10	5.91	ppb
Phosphorus	31-2	17.99	-154.31	-110.69	-82.34		ppb
Potassium	39-2	504.32	533.71	524.32	520.79	2.88	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	2.99	7.69	7.50	6.06	43.94	ppb
Selenium	78-2	4.50	5.76	2.62	4.29	36.85	ppb
Selenium	82-1	3.59	4.90	3.81	4.10	17.13	ppb
Silicon	28-1	-3.84	-0.46	0.68	-1.21		ppb
Silver	109-1	0.91	0.93	0.88	0.91	2.70	ppb
Silver	107-1	0.92	0.87	0.93	0.91	3.75	ppb
Sodium	23-2	528.72	547.86	532.50	536.36	1.89	ppb
Strontium	86-1	1.11	1.00	0.70	0.94	22.16	ppb
Strontium	88-1	0.94	1.05	1.00	1.00	5.53	ppb
Sulfur	34-1	-4537.25	-3110.01	-3545.11	-3730.79		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.98	0.95	0.93	0.95	2.66	ppb
Thallium	205-1	1.02	1.05	0.99	1.02	2.74	ppb
Tin	118-1	5.21	5.34	5.05	5.20	2.86	ppb
Titanium	47-1	5.01	5.12	5.14	5.09	1.41	ppb
Uranium	238-1	0.94	0.96	0.99	0.96	3.05	ppb
Vanadium	51-2	5.52	5.61	5.30	5.48	2.94	ppb
Yttrium	89-1				105		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:52:25	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	2.04	2.28	2.75	2.36	15.41	ppb
Zirconium	90-1	0.98	0.96	0.98	0.97	0.85	ppb
Zirconium	91-1	0.84	1.14	1.04	1.01	15.00	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:55:15	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.78	1.09	6.24	5.03	69.55	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	37.81	ppb
Arsenic	75-2	-0.06	-0.03	-0.04	-0.05		ppb
Barium	135-1	-0.02	-0.01	0.01	-0.01		ppb
Barium	137-1	-0.05	-0.02	-0.03	-0.03		ppb
Beryllium	9-1	-0.03	-0.03	-0.01	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	20.82	19.30	20.06	20.06	3.78	ppb
Boron	10-1	19.31	18.61	17.72	18.55	4.30	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.25	-0.38	-1.76	-1.46		ppb
Cadmium	108-1	-0.02	0.12	0.05	0.05	150.62	ppb
Cadmium	111-1	-0.18	-0.03	-0.14	-0.12		ppb
Calcium	43-1	-3.47	2.80	4.05	1.13	357.63	ppb
Calcium	44-1	27.06	27.72	33.39	29.39	11.84	ppb
Chromium	52-2	0.10	-0.16	0.13	0.02	690.28	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.03	-0.01	-0.03	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	2.91	1.29	-0.09	1.37	109.30	ppb
Iron	56-2	0.01	0.04	-0.01	0.02	157.65	ppb
Iron	57-2	0.61	0.79	0.38	0.59	34.62	ppb
Krypton	83-1						cps
Lead	207-1	0.03	0.07	0.04	0.05	40.43	ppb
Lead	208-1	0.06	0.07	0.05	0.06	13.35	ppb
Lead	206-1	0.06	0.04	0.04	0.05	24.24	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:55:15	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	-2.61	-1.50	-1.26	-1.79		ppb
Manganese	55-2	-0.06	-0.10	-0.08	-0.08		ppb
Molybdenum	94-1	-0.02	0.00	0.01	0.00		ppb
Molybdenum	95-1	0.01	0.00	0.03	0.01	98.99	ppb
Molybdenum	96-1	-0.02	-0.03	0.05	0.00	2644.67	ppb
Molybdenum	97-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.01	-0.04		ppb
Phosphorus	31-2	-97.34	-70.41	-128.09	-98.61		ppb
Potassium	39-2	4.68	-2.15	43.60	15.38	160.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	-1.57	0.73	-1.57	-0.80		ppb
Selenium	78-2	-1.55	-1.56	0.83	-0.76		ppb
Selenium	82-1	-0.20	-2.13	0.48	-0.62		ppb
Silicon	28-1	-2.97	-8.60	-4.96	-5.51		ppb
Silver	109-1	0.00	0.01	0.00	0.00	77.50	ppb
Silver	107-1	0.00	0.01	0.01	0.01	81.06	ppb
Sodium	23-2	18.82	14.79	33.67	22.43	44.33	ppb
Strontium	86-1	0.01	-0.15	-0.03	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2994.58	-3313.29	-3001.03	-3102.97		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.05	0.02	0.04	39.21	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	22.19	ppb
Tin	118-1	0.00	-0.02	-0.02	-0.02		ppb
Titanium	47-1	-0.11	-0.04	-0.02	-0.06		ppb
Uranium	238-1	-0.01	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				105		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:55:15	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	-0.06	0.26	0.27	0.16	122.69	ppb
Zirconium	90-1	-0.03	-0.02	-0.01	-0.02		ppb
Zirconium	91-1	0.01	0.03	-0.01	0.01	174.40	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:58:03	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.87	24.96	23.79	25.21	6.16	ppb
Antimony	121-1	1.88	2.06	1.98	1.98	4.56	ppb
Arsenic	75-2	0.81	1.19	0.96	0.99	19.16	ppb
Barium	135-1	9.56	10.59	10.39	10.18	5.36	ppb
Barium	137-1	10.49	10.44	9.90	10.28	3.20	ppb
Beryllium	9-1	0.96	1.01	0.94	0.97	3.33	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	30.54	35.15	34.70	33.47	7.59	ppb
Boron	10-1	30.93	35.15	36.42	34.17	8.42	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.29	0.99	-0.45	-0.25		ppb
Cadmium	108-1	1.31	0.99	1.00	1.10	16.57	ppb
Cadmium	111-1	0.87	1.04	0.91	0.94	9.58	ppb
Calcium	43-1	472.85	540.52	485.08	499.48	7.22	ppb
Calcium	44-1	546.42	543.93	531.11	540.49	1.52	ppb
Chromium	52-2	2.07	2.24	2.12	2.14	4.20	ppb
Cobalt	59-2	0.95	1.05	1.03	1.01	5.56	ppb
Copper	63-2	2.26	2.23	2.17	2.22	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	60.02	55.89	49.81	55.24	9.29	ppb
Iron	56-2	53.71	54.35	53.73	53.93	0.68	ppb
Iron	57-2	57.64	51.44	64.75	57.94	11.49	ppb
Krypton	83-1						cps
Lead	207-1	1.05	1.07	0.97	1.03	5.41	ppb
Lead	208-1	1.03	0.99	0.95	0.99	4.23	ppb
Lead	206-1	1.00	1.01	0.94	0.98	3.91	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:58:03	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	505.11	522.92	500.01	509.35	2.36	ppb
Manganese	55-2	1.06	1.02	1.09	1.06	3.04	ppb
Molybdenum	94-1	5.24	5.09	5.27	5.20	1.81	ppb
Molybdenum	95-1	5.51	5.05	5.35	5.31	4.39	ppb
Molybdenum	96-1	5.26	5.39	5.14	5.26	2.40	ppb
Molybdenum	97-1	4.96	5.03	5.29	5.09	3.39	ppb
Molybdenum	98-1	5.52	5.12	5.31	5.32	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.11	1.28	1.17	7.95	ppb
Phosphorus	31-2	-49.62	146.64	-54.94	14.03	819.00	ppb
Potassium	39-2	494.92	518.68	524.54	512.71	3.06	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	2.94	-1.57	0.73	0.70	321.13	ppb
Selenium	78-2	5.39	5.70	3.40	4.83	25.87	ppb
Selenium	82-1	6.46	2.74	5.09	4.76	39.46	ppb
Silicon	28-1	-4.36	2.06	0.40	-0.63		ppb
Silver	109-1	0.95	0.92	0.88	0.92	4.12	ppb
Silver	107-1	0.90	0.96	1.00	0.95	5.35	ppb
Sodium	23-2	535.50	539.84	499.27	524.87	4.24	ppb
Strontium	86-1	0.86	1.30	0.82	0.99	26.49	ppb
Strontium	88-1	0.97	1.03	1.07	1.02	5.09	ppb
Sulfur	34-1	-4866.13	-3657.66	-3638.83	-4054.21		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	1.03	0.93	1.07	1.01	7.08	ppb
Thallium	205-1	1.05	0.98	0.97	1.00	4.53	ppb
Tin	118-1	5.09	5.40	5.07	5.19	3.54	ppb
Titanium	47-1	4.48	5.05	5.32	4.95	8.60	ppb
Uranium	238-1	0.92	0.97	0.91	0.93	3.55	ppb
Vanadium	51-2	5.26	5.39	5.49	5.38	2.14	ppb
Yttrium	89-1				105		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:58:03	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	2.18	2.35	2.39	2.31	4.81	ppb
Zirconium	90-1	0.99	0.97	0.95	0.97	1.86	ppb
Zirconium	91-1	0.96	1.07	1.07	1.03	6.56	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BL	Instrumnet Name :	P8
Client Sample ID :	PB126282BL	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:00:53	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.80	3.68	4.78	5.09	31.17	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	74.71	ppb
Arsenic	75-2	-0.06	-0.03	-0.03	-0.04		ppb
Barium	135-1	-0.04	-0.02	-0.02	-0.03		ppb
Barium	137-1	-0.04	-0.03	-0.02	-0.03		ppb
Beryllium	9-1	-0.01	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	17.17	15.32	15.04	15.84	7.30	ppb
Boron	10-1	16.44	15.79	14.55	15.59	6.16	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.22	-1.78	-0.09	-1.36		ppb
Cadmium	108-1	0.26	0.19	-0.02	0.14	104.80	ppb
Cadmium	111-1	-0.18	-0.14	0.00	-0.10		ppb
Calcium	43-1	-0.51	-1.20	7.92	2.07	245.26	ppb
Calcium	44-1	34.11	23.52	22.04	26.56	24.81	ppb
Chromium	52-2	-0.02	0.13	0.05	0.05	143.76	ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.02	-0.03	0.00	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	-1.57	0.37	1.00	-0.07		ppb
Iron	56-2	-0.37	-0.26	0.01	-0.21		ppb
Iron	57-2	2.27	1.65	2.52	2.15	20.92	ppb
Krypton	83-1						cps
Lead	207-1	0.03	0.01	0.03	0.02	55.90	ppb
Lead	208-1	0.02	0.02	0.02	0.02	18.00	ppb
Lead	206-1	0.05	0.01	0.03	0.03	71.18	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BL	Instrumnet Name :	P8
Client Sample ID :	PB126282BL	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:00:53	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	-0.22	-1.39	-1.29	-0.97		ppb
Manganese	55-2	-0.05	-0.02	0.00	-0.02		ppb
Molybdenum	94-1	-0.02	0.03	0.06	0.02	185.11	ppb
Molybdenum	95-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	0.02	-0.01	0.01	0.01	289.29	ppb
Molybdenum	97-1	-0.02	-0.01	-0.01	-0.02		ppb
Molybdenum	98-1	-0.02	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.03	-0.04		ppb
Phosphorus	31-2	-92.60	-98.46	-105.56	-98.87		ppb
Potassium	39-2	10.29	-1.61	-7.61	0.36	2557.85	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	-1.57	-1.57	-1.57	-1.57		ppb
Selenium	78-2	0.14	0.47	-0.19	0.14	240.33	ppb
Selenium	82-1	1.22	-1.22	-2.95	-0.98		ppb
Silicon	28-1	0.34	-11.21	-6.56	-5.81		ppb
Silver	109-1	0.01	0.00	0.00	0.00	231.47	ppb
Silver	107-1	0.00	0.01	0.01	0.01	53.61	ppb
Sodium	23-2	16.66	24.26	16.86	19.26	22.49	ppb
Strontium	86-1	0.18	-0.15	0.07	0.03	486.25	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	17.38	ppb
Sulfur	34-1	-2149.62	-3257.23	-3611.86	-3006.24		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.05	0.03	80.81	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	15.42	ppb
Tin	118-1	0.00	0.00	0.01	0.00	148.24	ppb
Titanium	47-1	-0.10	0.25	-0.43	-0.09		ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				104		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BL	Instrumnet Name :	P8
Client Sample ID :	PB126282BL	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:00:53	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	-0.05	0.07	0.12	0.04	194.97	ppb
Zirconium	90-1	-0.01	0.00	-0.02	-0.01		ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	63.01	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BS	Instrumnet Name :	P8
Client Sample ID :	PB126282BS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:03:42	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9551.88	9480.08	9438.04	9490.00	0.61	ppb
Antimony	121-1	493.60	610.70	524.61	542.97	11.17	ppb
Arsenic	75-2	494.07	506.07	493.95	498.03	1.40	ppb
Barium	135-1	2485.04	3029.92	2633.09	2716.02	10.37	ppb
Barium	137-1	2435.43	3035.97	2621.93	2697.78	11.39	ppb
Beryllium	9-1	501.28	566.85	519.59	529.24	6.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	11-1	362.86	480.64	498.18	447.22	16.45	ppb
Boron	10-1	340.79	479.56	481.47	433.94	18.59	ppb
Bromine	81-1						cps
Cadmium	106-1	480.16	575.57	520.46	525.39	9.12	ppb
Cadmium	108-1	483.74	609.10	522.45	538.43	11.92	ppb
Cadmium	111-1	489.87	595.24	519.56	534.89	10.16	ppb
Calcium	43-1	49295.33	61819.72	54994.17	55369.74	11.33	ppb
Calcium	44-1	50238.56	61917.14	54118.64	55424.78	10.73	ppb
Chromium	52-2	506.75	497.69	506.86	503.77	1.04	ppb
Cobalt	59-2	514.13	507.86	504.38	508.79	0.97	ppb
Copper	63-2	1026.63	1014.03	1015.59	1018.75	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	54-2	25853.64	25769.48	25718.95	25780.69	0.26	ppb
Iron	56-2	25241.98	25169.56	25104.04	25171.86	0.27	ppb
Iron	57-2	25387.27	25560.16	24868.21	25271.88	1.42	ppb
Krypton	83-1						cps
Lead	207-1	490.80	606.41	527.54	541.58	10.91	ppb
Lead	208-1	493.17	615.02	525.14	544.44	11.60	ppb
Lead	206-1	489.23	608.88	526.05	541.39	11.32	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BS	Instrumnet Name :	P8
Client Sample ID :	PB126282BS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:03:42	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	49092.31	48972.46	49901.42	49322.07	1.02	ppb
Manganese	55-2	1020.13	1009.87	996.81	1008.94	1.16	ppb
Molybdenum	94-1	2520.45	3049.14	2633.01	2734.20	10.19	ppb
Molybdenum	95-1	2573.61	2930.64	2618.06	2707.44	7.19	ppb
Molybdenum	96-1	2485.14	2982.89	2677.49	2715.17	9.24	ppb
Molybdenum	97-1	2525.02	3035.30	2615.73	2725.35	9.99	ppb
Molybdenum	98-1	2548.44	2958.31	2626.44	2711.06	8.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.87	510.86	505.16	508.30	0.57	ppb
Phosphorus	31-2	9657.16	9951.99	9741.32	9783.49	1.55	ppb
Potassium	39-2	25249.67	24478.33	24674.23	24800.74	1.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	77-2	454.80	503.60	420.42	459.61	9.09	ppb
Selenium	78-2	495.86	505.24	491.69	497.60	1.40	ppb
Selenium	82-1	497.60	585.80	510.39	531.26	8.97	ppb
Silicon	28-1	404.07	584.07	494.55	494.23	18.21	ppb
Silver	109-1	497.61	604.67	536.23	546.17	9.93	ppb
Silver	107-1	494.54	597.89	515.82	536.09	10.18	ppb
Sodium	23-2	49330.27	49379.82	49046.67	49252.25	0.36	ppb
Strontium	86-1	510.00	594.91	510.77	538.56	9.06	ppb
Strontium	88-1	505.55	602.02	528.58	545.38	9.24	ppb
Sulfur	34-1	6160.65	16713.86	8588.35	10487.62	52.70	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	494.35	610.77	534.79	546.64	10.81	ppb
Thallium	205-1	509.39	627.37	527.41	554.73	11.46	ppb
Tin	118-1	491.16	593.93	519.89	535.00	9.91	ppb
Titanium	47-1	2436.22	3044.71	2653.17	2711.37	11.37	ppb
Uranium	238-1	487.87	621.11	529.36	546.11	12.48	ppb
Vanadium	51-2	506.60	498.73	498.34	501.23	0.93	ppb
Yttrium	89-1				104		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BS	Instrumnet Name :	P8
Client Sample ID :	PB126282BS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:03:42	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	1022.07	1019.68	1012.74	1018.17	0.48	ppb
Zirconium	90-1	507.70	609.25	528.40	548.45	9.78	ppb
Zirconium	91-1	501.34	600.62	525.39	542.45	9.55	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:06:32	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	925.12	896.16	853.78	891.69	4.02	ppb
Antimony	121-1	4.01	4.19	4.06	4.09	2.32	ppb
Arsenic	75-2	8.56	8.82	8.08	8.49	4.43	ppb
Barium	135-1	222.26	224.95	221.44	222.88	0.82	ppb
Barium	137-1	225.60	226.74	224.95	225.76	0.40	ppb
Beryllium	9-1	0.08	0.15	0.06	0.10	49.09	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	187.48	187.01	183.36	185.95	1.21	ppb
Boron	10-1	185.17	184.94	172.63	180.91	3.96	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.55	0.00	1.86	0.44	288.05	ppb
Cadmium	108-1	0.36	0.58	0.20	0.38	50.25	ppb
Cadmium	111-1	0.27	0.37	0.49	0.38	29.03	ppb
Calcium	43-1	70820.29	70970.04	69751.57	70513.97	0.94	ppb
Calcium	44-1	70242.69	70131.67	69546.85	69973.74	0.53	ppb
Chromium	52-2	5.33	5.36	5.62	5.44	2.97	ppb
Cobalt	59-2	2.16	2.35	2.20	2.24	4.55	ppb
Copper	63-2	18.55	17.96	18.05	18.19	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	9273.80	9293.57	9195.55	9254.31	0.56	ppb
Iron	56-2	9310.20	9319.10	9059.81	9229.70	1.59	ppb
Iron	57-2	9262.86	9339.90	9056.76	9219.84	1.59	ppb
Krypton	83-1						cps
Lead	207-1	77.22	78.45	79.14	78.27	1.24	ppb
Lead	208-1	77.01	79.00	78.84	78.29	1.41	ppb
Lead	206-1	78.84	82.06	81.63	80.85	2.16	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:06:32	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	12049.98	12153.05	11831.82	12011.61	1.37	ppb
Manganese	55-2	880.86	874.91	858.05	871.28	1.36	ppb
Molybdenum	94-1	8.04	8.35	7.83	8.07	3.25	ppb
Molybdenum	95-1	10.67	10.95	9.91	10.51	5.14	ppb
Molybdenum	96-1	10.43	10.35	9.80	10.19	3.35	ppb
Molybdenum	97-1	10.87	10.42	10.45	10.58	2.39	ppb
Molybdenum	98-1	10.40	10.83	10.43	10.55	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.48	6.59	6.67	6.58	1.45	ppb
Phosphorus	31-2	92.24	145.50	-35.46	67.43	137.92	ppb
Potassium	39-2	12324.77	12332.32	12054.47	12237.19	1.29	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	8.75	0.98	1.00	3.57	125.33	ppb
Selenium	78-2	-0.70	-0.79	-0.74	-0.74		ppb
Selenium	82-1	1.29	1.04	0.81	1.05	22.67	ppb
Silicon	28-1	9633.12	9772.48	9299.57	9568.39	2.54	ppb
Silver	109-1	0.32	0.31	0.33	0.32	3.53	ppb
Silver	107-1	0.31	0.34	0.32	0.32	3.84	ppb
Sodium	23-2	32234.85	31861.95	31891.82	31996.21	0.65	ppb
Strontium	86-1	370.24	369.41	362.48	367.38	1.16	ppb
Strontium	88-1	370.90	375.43	370.44	372.26	0.74	ppb
Sulfur	34-1	-747.02	-2393.90	-3996.54	-2379.15		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.85	0.72	0.35	0.64	39.96	ppb
Thallium	205-1	0.97	0.61	0.45	0.68	39.27	ppb
Tin	118-1	17.40	21.98	23.18	20.85	14.64	ppb
Titanium	47-1	35.89	34.29	33.11	34.43	4.05	ppb
Uranium	238-1	0.48	0.44	0.46	0.46	5.40	ppb
Vanadium	51-2	5.93	6.49	5.98	6.13	5.04	ppb
Yttrium	89-1				97		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:06:32	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	61.42	61.88	57.32	60.21	4.17	ppb
Zirconium	90-1	0.39	0.29	0.28	0.32	18.99	ppb
Zirconium	91-1	0.37	0.29	0.33	0.33	11.97	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:09:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1925.25	1981.49	1970.56	1959.10	1.52	ppb
Antimony	121-1	3.14	3.28	3.14	3.19	2.45	ppb
Arsenic	75-2	23.94	24.43	25.48	24.62	3.19	ppb
Barium	135-1	314.29	317.43	310.07	313.93	1.18	ppb
Barium	137-1	314.98	320.11	314.62	316.57	0.97	ppb
Beryllium	9-1	0.11	0.10	0.12	0.11	6.72	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	11-1	129.66	127.93	131.84	129.81	1.51	ppb
Boron	10-1	126.15	127.82	129.40	127.79	1.27	ppb
Bromine	81-1						cps
Cadmium	106-1	0.35	-0.65	-1.23	-0.51		ppb
Cadmium	108-1	0.58	0.42	0.19	0.40	48.82	ppb
Cadmium	111-1	0.32	0.26	0.22	0.27	18.90	ppb
Calcium	43-1	72632.77	71100.32	72904.66	72212.58	1.35	ppb
Calcium	44-1	72236.95	71852.74	71236.10	71775.26	0.70	ppb
Chromium	52-2	8.03	8.18	7.84	8.02	2.09	ppb
Cobalt	59-2	3.22	3.13	3.28	3.21	2.41	ppb
Copper	63-2	44.29	45.18	44.65	44.71	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	54-2	31216.61	30934.37	31219.19	31123.39	0.53	ppb
Iron	56-2	30862.58	30916.72	31437.41	31072.24	1.02	ppb
Iron	57-2	30743.44	30944.54	31372.60	31020.20	1.04	ppb
Krypton	83-1						cps
Lead	207-1	188.69	194.48	193.78	192.32	1.64	ppb
Lead	208-1	189.89	194.42	192.22	192.18	1.18	ppb
Lead	206-1	195.83	201.73	198.69	198.75	1.48	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:09:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				149		%
Magnesium	24-2	12191.32	12265.21	12012.86	12156.46	1.07	ppb
Manganese	55-2	897.68	908.74	917.76	908.06	1.11	ppb
Molybdenum	94-1	7.60	7.40	7.56	7.52	1.44	ppb
Molybdenum	95-1	9.85	10.26	9.46	9.86	4.06	ppb
Molybdenum	96-1	9.12	9.28	9.62	9.34	2.74	ppb
Molybdenum	97-1	9.90	9.38	10.15	9.81	4.03	ppb
Molybdenum	98-1	9.85	9.82	9.65	9.77	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.57	10.66	11.36	10.87	3.98	ppb
Phosphorus	31-2	414.46	590.87	566.80	524.04	18.25	ppb
Potassium	39-2	11952.07	11972.42	12132.54	12019.01	0.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	77-2	3.53	1.00	1.01	1.85	78.85	ppb
Selenium	78-2	-0.80	-0.03	0.45	-0.13		ppb
Selenium	82-1	-2.26	4.42	1.04	1.06	313.98	ppb
Silicon	28-1	11109.99	11047.37	11014.83	11057.39	0.44	ppb
Silver	109-1	0.27	0.36	0.28	0.30	15.57	ppb
Silver	107-1	0.29	0.28	0.30	0.29	3.97	ppb
Sodium	23-2	31738.71	32361.50	31802.02	31967.41	1.07	ppb
Strontium	86-1	377.24	379.19	375.86	377.43	0.44	ppb
Strontium	88-1	383.15	379.34	391.25	384.58	1.58	ppb
Sulfur	34-1	-2694.43	-5182.12	-4936.01	-4270.85		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.09	0.09	0.09	10.24	ppb
Thallium	205-1	0.12	0.11	0.11	0.12	6.84	ppb
Tin	118-1	27.60	30.54	30.13	29.43	5.41	ppb
Titanium	47-1	71.93	73.41	73.61	72.98	1.26	ppb
Uranium	238-1	0.48	0.54	0.52	0.51	5.83	ppb
Vanadium	51-2	13.77	13.98	13.45	13.74	1.96	ppb
Yttrium	89-1				100		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:09:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	137.12	137.01	133.53	135.89	1.50	ppb
Zirconium	90-1	0.48	0.47	0.42	0.46	7.69	ppb
Zirconium	91-1	0.44	0.59	0.44	0.49	17.60	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUP	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:12:10	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	920.31	895.55	904.86	906.91	1.38	ppb
Antimony	121-1	2.24	2.25	2.25	2.25	0.29	ppb
Arsenic	75-2	8.91	8.48	9.35	8.91	4.88	ppb
Barium	135-1	224.26	226.72	225.21	225.40	0.55	ppb
Barium	137-1	225.41	226.58	227.05	226.35	0.37	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	26.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	11-1	106.98	110.56	113.02	110.19	2.75	ppb
Boron	10-1	103.21	111.83	107.89	107.64	4.01	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.99	-1.05	-3.56	-2.20		ppb
Cadmium	108-1	0.35	0.48	0.12	0.31	58.12	ppb
Cadmium	111-1	-0.01	0.03	-0.14	-0.04		ppb
Calcium	43-1	70066.07	70823.37	70609.25	70499.56	0.55	ppb
Calcium	44-1	71535.91	71128.20	71567.41	71410.51	0.34	ppb
Chromium	52-2	5.11	5.63	5.01	5.25	6.28	ppb
Cobalt	59-2	2.19	2.34	2.15	2.23	4.44	ppb
Copper	63-2	18.50	18.17	18.29	18.32	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	54-2	9351.63	9493.29	9457.29	9434.07	0.78	ppb
Iron	56-2	9518.11	9341.85	9658.87	9506.27	1.67	ppb
Iron	57-2	9457.75	9413.50	9438.70	9436.65	0.24	ppb
Krypton	83-1						cps
Lead	207-1	78.35	80.22	79.81	79.46	1.24	ppb
Lead	208-1	79.35	80.27	79.56	79.73	0.60	ppb
Lead	206-1	82.29	83.42	82.90	82.87	0.68	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUP	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:12:10	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				176		%
Magnesium	24-2	11966.76	11892.17	12222.24	12027.06	1.44	ppb
Manganese	55-2	878.35	872.49	876.42	875.76	0.34	ppb
Molybdenum	94-1	8.29	7.90	7.81	8.00	3.21	ppb
Molybdenum	95-1	10.49	10.07	10.40	10.32	2.12	ppb
Molybdenum	96-1	10.17	10.17	10.07	10.14	0.57	ppb
Molybdenum	97-1	10.47	10.45	10.79	10.57	1.77	ppb
Molybdenum	98-1	10.62	10.09	10.57	10.42	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.78	6.51	6.54	6.61	2.26	ppb
Phosphorus	31-2	16.91	60.00	91.89	56.27	66.87	ppb
Potassium	39-2	11746.21	11977.23	11964.23	11895.89	1.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	3.64	0.99	11.44	5.36	101.36	ppb
Selenium	78-2	-2.96	2.24	1.47	0.25	1131.14	ppb
Selenium	82-1	4.13	1.58	-0.18	1.84	117.47	ppb
Silicon	28-1	9362.60	9687.57	9450.88	9500.35	1.77	ppb
Silver	109-1	0.19	0.17	0.17	0.18	5.87	ppb
Silver	107-1	0.17	0.22	0.19	0.19	14.74	ppb
Sodium	23-2	32226.88	32293.64	33292.14	32604.22	1.83	ppb
Strontium	86-1	364.23	363.65	369.55	365.81	0.89	ppb
Strontium	88-1	372.28	369.42	368.70	370.14	0.51	ppb
Sulfur	34-1	-3470.52	-4605.25	-5957.85	-4677.88		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.03	0.01	0.03	66.42	ppb
Thallium	205-1	0.06	0.05	0.02	0.05	43.74	ppb
Tin	118-1	13.63	14.69	15.35	14.56	5.97	ppb
Titanium	47-1	37.27	35.20	44.28	38.92	12.23	ppb
Uranium	238-1	0.42	0.47	0.49	0.46	7.18	ppb
Vanadium	51-2	6.28	6.39	6.33	6.33	0.88	ppb
Yttrium	89-1				100		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUP	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:12:10	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	60.93	60.91	61.41	61.08	0.47	ppb
Zirconium	90-1	0.32	0.20	0.23	0.25	23.49	ppb
Zirconium	91-1	0.23	0.56	0.32	0.37	46.10	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5L	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:14:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	190.42	221.59	187.69	199.90	9.42	ppb
Antimony	121-1	0.68	0.63	0.68	0.66	4.08	ppb
Arsenic	75-2	1.74	1.60	1.77	1.70	5.47	ppb
Barium	135-1	47.22	45.28	43.68	45.39	3.90	ppb
Barium	137-1	47.57	45.53	47.01	46.70	2.26	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	864.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	11-1	54.81	52.20	52.85	53.28	2.55	ppb
Boron	10-1	52.92	52.93	52.20	52.68	0.80	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.84	-2.15	-2.59	-2.53		ppb
Cadmium	108-1	0.19	0.25	0.04	0.16	65.32	ppb
Cadmium	111-1	-0.21	-0.09	-0.14	-0.15		ppb
Calcium	43-1	14866.73	14409.79	14506.25	14594.26	1.65	ppb
Calcium	44-1	15288.68	14864.51	14851.56	15001.58	1.66	ppb
Chromium	52-2	1.14	1.43	1.21	1.26	11.76	ppb
Cobalt	59-2	0.45	0.44	0.40	0.43	6.23	ppb
Copper	63-2	3.37	3.74	3.77	3.63	6.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	54-2	1853.57	1890.44	1831.13	1858.38	1.61	ppb
Iron	56-2	1874.22	1904.87	1846.15	1875.08	1.57	ppb
Iron	57-2	1873.86	1905.14	1840.75	1873.25	1.72	ppb
Krypton	83-1						cps
Lead	207-1	16.95	16.68	16.23	16.62	2.19	ppb
Lead	208-1	17.09	16.64	16.39	16.71	2.13	ppb
Lead	206-1	17.88	17.33	17.17	17.46	2.13	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5L	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:14:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				154		%
Magnesium	24-2	2406.75	2434.77	2463.05	2434.86	1.16	ppb
Manganese	55-2	176.80	175.55	176.98	176.44	0.44	ppb
Molybdenum	94-1	1.64	1.57	1.55	1.59	3.04	ppb
Molybdenum	95-1	2.13	2.14	2.12	2.13	0.50	ppb
Molybdenum	96-1	2.29	2.03	2.07	2.13	6.65	ppb
Molybdenum	97-1	2.13	1.90	2.19	2.08	7.32	ppb
Molybdenum	98-1	2.33	2.11	2.13	2.19	5.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.39	1.23	1.28	1.30	6.42	ppb
Phosphorus	31-2	-22.82	-12.81	-68.79	-34.81		ppb
Potassium	39-2	2274.08	2390.09	2320.49	2328.22	2.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	0.78	-1.57	3.24	0.82	294.73	ppb
Selenium	78-2	-3.31	-1.32	-1.03	-1.88		ppb
Selenium	82-1	3.80	0.21	2.29	2.10	85.69	ppb
Silicon	28-1	1988.98	1875.29	1935.10	1933.12	2.94	ppb
Silver	109-1	0.05	0.04	0.07	0.05	25.29	ppb
Silver	107-1	0.06	0.08	0.05	0.06	23.69	ppb
Sodium	23-2	6310.34	6499.96	6295.51	6368.60	1.79	ppb
Strontium	86-1	77.20	74.78	74.76	75.58	1.86	ppb
Strontium	88-1	79.09	78.63	76.86	78.19	1.50	ppb
Sulfur	34-1	-4097.51	-6340.68	-6007.83	-5482.01		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.02	0.01	0.01	0.01	48.56	ppb
Tin	118-1	3.27	2.84	2.93	3.01	7.49	ppb
Titanium	47-1	7.69	6.57	6.52	6.93	9.56	ppb
Uranium	238-1	0.10	0.08	0.08	0.09	15.39	ppb
Vanadium	51-2	1.21	1.40	1.28	1.30	7.37	ppb
Yttrium	89-1				104		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5L	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:14:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	18.03	18.65	16.38	17.69	6.65	ppb
Zirconium	90-1	0.05	0.04	0.02	0.04	49.03	ppb
Zirconium	91-1	0.02	0.03	0.06	0.04	66.73	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MS	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:17:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10806.15	10825.58	10864.05	10831.92	0.27	ppb
Antimony	121-1	599.99	590.82	593.25	594.69	0.80	ppb
Arsenic	75-2	617.42	609.58	602.06	609.69	1.26	ppb
Barium	135-1	2823.19	2812.41	2825.29	2820.30	0.24	ppb
Barium	137-1	2851.63	2805.40	2853.54	2836.86	0.96	ppb
Beryllium	9-1	333.70	326.22	302.13	320.68	5.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	11-1	333.55	362.55	365.96	354.02	5.03	ppb
Boron	10-1	324.91	368.48	358.79	350.73	6.52	ppb
Bromine	81-1						cps
Cadmium	106-1	565.09	542.64	556.85	554.86	2.05	ppb
Cadmium	108-1	571.37	569.45	567.52	569.45	0.34	ppb
Cadmium	111-1	579.27	569.13	578.76	575.72	0.99	ppb
Calcium	43-1	125260.96	122011.87	119878.32	122383.71	2.21	ppb
Calcium	44-1	125000.20	125035.69	120562.36	123532.75	2.08	ppb
Chromium	52-2	600.89	608.11	613.03	607.34	1.01	ppb
Cobalt	59-2	608.64	616.22	622.32	615.73	1.11	ppb
Copper	63-2	1123.88	1156.70	1157.32	1145.97	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	35494.11	36794.98	37312.96	36534.02	2.56	ppb
Iron	56-2	35844.97	36300.67	36669.39	36271.68	1.14	ppb
Iron	57-2	35476.42	36097.91	36772.06	36115.46	1.79	ppb
Krypton	83-1						cps
Lead	207-1	676.28	693.99	670.96	680.41	1.77	ppb
Lead	208-1	668.29	682.40	670.71	673.80	1.12	ppb
Lead	206-1	660.92	661.80	644.94	655.89	1.45	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MS	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:17:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				173		%
Magnesium	24-2	63523.30	62917.17	63391.24	63277.24	0.50	ppb
Manganese	55-2	1929.32	1963.87	1948.50	1947.23	0.89	ppb
Molybdenum	94-1	2707.80	2631.26	2627.10	2655.39	1.71	ppb
Molybdenum	95-1	2648.60	2581.15	2596.99	2608.91	1.35	ppb
Molybdenum	96-1	2641.01	2605.66	2621.08	2622.59	0.68	ppb
Molybdenum	97-1	2610.57	2628.65	2610.57	2616.60	0.40	ppb
Molybdenum	98-1	2638.05	2634.38	2643.46	2638.63	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	619.31	635.32	637.09	630.57	1.55	ppb
Phosphorus	31-2	-61.34	39.37	126.79	34.94	269.47	ppb
Potassium	39-2	36932.52	37203.52	37564.32	37233.46	0.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	529.34	572.55	554.20	552.03	3.93	ppb
Selenium	78-2	564.84	588.20	560.46	571.17	2.61	ppb
Selenium	82-1	586.28	564.27	569.66	573.40	2.00	ppb
Silicon	28-1	9950.09	9970.93	10008.64	9976.55	0.30	ppb
Silver	109-1	526.50	518.85	522.33	522.56	0.73	ppb
Silver	107-1	513.19	502.65	503.77	506.53	1.14	ppb
Sodium	23-2	80720.53	83011.83	82798.43	82176.93	1.54	ppb
Strontium	86-1	915.93	901.47	904.98	907.46	0.83	ppb
Strontium	88-1	930.77	929.66	921.14	927.19	0.57	ppb
Sulfur	34-1	-2093.27	-4354.53	-5048.05	-3831.95		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	566.70	572.96	561.20	566.95	1.04	ppb
Thallium	205-1	577.39	576.28	561.79	571.82	1.52	ppb
Tin	118-1	527.82	530.30	530.52	529.55	0.28	ppb
Titanium	47-1	2642.44	2610.42	2625.83	2626.23	0.61	ppb
Uranium	238-1	567.49	565.60	568.34	567.14	0.25	ppb
Vanadium	51-2	591.64	601.28	606.91	599.95	1.29	ppb
Yttrium	89-1				101		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MS	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:17:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	1126.07	1135.98	1126.83	1129.63	0.49	ppb
Zirconium	90-1	552.88	565.41	556.49	558.26	1.16	ppb
Zirconium	91-1	550.94	542.99	544.67	546.20	0.77	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSD	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:20:38	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10919.43	10716.94	10695.71	10777.36	1.15	ppb
Antimony	121-1	590.31	594.28	574.07	586.22	1.83	ppb
Arsenic	75-2	602.83	605.43	607.05	605.10	0.35	ppb
Barium	135-1	2821.99	2811.49	2745.17	2792.88	1.49	ppb
Barium	137-1	2792.26	2842.69	2778.20	2804.38	1.21	ppb
Beryllium	9-1	294.76	287.29	275.01	285.69	3.49	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	11-1	332.28	358.71	369.28	353.42	5.39	ppb
Boron	10-1	334.05	350.31	369.28	351.22	5.02	ppb
Bromine	81-1						cps
Cadmium	106-1	548.16	560.60	554.33	554.36	1.12	ppb
Cadmium	108-1	564.86	555.83	544.37	555.02	1.85	ppb
Cadmium	111-1	560.48	571.58	552.01	561.35	1.75	ppb
Calcium	43-1	117901.46	119527.19	120552.61	119327.09	1.12	ppb
Calcium	44-1	119528.47	119763.10	120827.18	120039.58	0.58	ppb
Chromium	52-2	614.44	614.12	606.63	611.73	0.72	ppb
Cobalt	59-2	621.16	616.58	612.15	616.63	0.73	ppb
Copper	63-2	1159.78	1157.11	1161.11	1159.34	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	54-2	37232.03	36291.75	36877.39	36800.39	1.29	ppb
Iron	56-2	36184.19	36204.32	37056.47	36481.66	1.36	ppb
Iron	57-2	36278.36	36085.68	36309.18	36224.41	0.33	ppb
Krypton	83-1						cps
Lead	207-1	667.93	669.10	655.61	664.21	1.12	ppb
Lead	208-1	659.82	671.88	648.91	660.20	1.74	ppb
Lead	206-1	651.74	644.66	642.33	646.24	0.76	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSD	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:20:38	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				198		%
Magnesium	24-2	65298.44	64704.19	64463.78	64822.13	0.66	ppb
Manganese	55-2	1954.20	1941.90	1942.47	1946.19	0.36	ppb
Molybdenum	94-1	2607.56	2699.74	2608.70	2638.67	2.00	ppb
Molybdenum	95-1	2546.44	2632.41	2565.18	2581.34	1.75	ppb
Molybdenum	96-1	2561.15	2597.20	2568.54	2575.63	0.74	ppb
Molybdenum	97-1	2632.15	2626.47	2614.57	2624.40	0.34	ppb
Molybdenum	98-1	2531.37	2574.36	2593.71	2566.48	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	635.03	634.47	636.92	635.47	0.20	ppb
Phosphorus	31-2	119.02	65.72	103.14	95.96	28.52	ppb
Potassium	39-2	37440.14	37137.76	36912.52	37163.47	0.71	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				88		%
Selenium	77-2	530.82	535.86	561.83	542.84	3.07	ppb
Selenium	78-2	567.58	558.00	553.36	559.65	1.30	ppb
Selenium	82-1	545.57	564.49	559.96	556.67	1.77	ppb
Silicon	28-1	9787.25	9739.80	9979.84	9835.63	1.29	ppb
Silver	109-1	500.50	528.65	508.94	512.70	2.82	ppb
Silver	107-1	509.72	511.47	505.68	508.96	0.58	ppb
Sodium	23-2	85373.59	85643.05	84706.52	85241.05	0.57	ppb
Strontium	86-1	877.24	916.11	876.98	890.11	2.53	ppb
Strontium	88-1	878.14	921.33	884.73	894.73	2.60	ppb
Sulfur	34-1	-4151.21	-5307.38	-5759.11	-5072.57		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	557.98	555.76	549.44	554.39	0.80	ppb
Thallium	205-1	562.18	548.11	564.53	558.27	1.59	ppb
Tin	118-1	521.14	531.50	508.65	520.43	2.20	ppb
Titanium	47-1	2583.49	2539.04	2599.50	2574.01	1.22	ppb
Uranium	238-1	572.58	572.97	556.70	567.42	1.64	ppb
Vanadium	51-2	602.47	603.91	597.70	601.36	0.54	ppb
Yttrium	89-1				105		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSD	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:20:38	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	1143.07	1130.54	1132.36	1135.32	0.60	ppb
Zirconium	90-1	553.48	556.81	552.89	554.39	0.38	ppb
Zirconium	91-1	528.63	544.41	535.41	536.15	1.48	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01A	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5A	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:23:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10684.54	10656.46	10698.39	10679.80	0.20	ppb
Antimony	121-1	572.39	592.90	565.67	576.98	2.46	ppb
Arsenic	75-2	608.59	604.85	606.47	606.64	0.31	ppb
Barium	135-1	2722.53	2832.80	2718.07	2757.80	2.36	ppb
Barium	137-1	2703.69	2816.61	2756.91	2759.07	2.05	ppb
Beryllium	9-1	287.15	278.55	271.15	278.95	2.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	11-1	342.17	364.97	377.12	361.42	4.91	ppb
Boron	10-1	334.62	356.88	372.14	354.55	5.32	ppb
Bromine	81-1						cps
Cadmium	106-1	517.62	558.93	528.66	535.07	4.00	ppb
Cadmium	108-1	537.36	570.29	549.41	552.35	3.02	ppb
Cadmium	111-1	544.18	571.73	559.04	558.31	2.47	ppb
Calcium	43-1	117436.62	122667.45	125411.40	121838.49	3.33	ppb
Calcium	44-1	117076.88	123573.68	123670.21	121440.26	3.11	ppb
Chromium	52-2	606.17	609.16	609.78	608.37	0.32	ppb
Cobalt	59-2	613.40	614.82	616.53	614.92	0.26	ppb
Copper	63-2	1136.69	1138.86	1149.59	1141.71	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				114		%
Indium	115-2				101		%
Iron	54-2	36361.39	36631.45	36538.72	36510.52	0.38	ppb
Iron	56-2	35856.47	35808.45	36782.00	36148.97	1.52	ppb
Iron	57-2	35524.62	35769.07	36505.02	35932.91	1.42	ppb
Krypton	83-1						cps
Lead	207-1	653.69	672.76	676.08	667.51	1.81	ppb
Lead	208-1	653.78	677.14	672.93	667.95	1.86	ppb
Lead	206-1	636.14	657.90	650.02	648.02	1.70	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01A	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5A	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:23:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				205		%
Magnesium	24-2	64276.73	65333.38	62693.76	64101.29	2.07	ppb
Manganese	55-2	1947.22	1934.98	1937.08	1939.76	0.34	ppb
Molybdenum	94-1	2642.68	2696.47	2764.08	2701.08	2.25	ppb
Molybdenum	95-1	2549.11	2623.23	2673.04	2615.13	2.38	ppb
Molybdenum	96-1	2550.55	2593.25	2695.09	2612.96	2.84	ppb
Molybdenum	97-1	2580.55	2599.79	2707.89	2629.41	2.61	ppb
Molybdenum	98-1	2504.51	2576.79	2721.28	2600.86	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	629.08	634.32	638.24	633.88	0.73	ppb
Phosphorus	31-2	66.43	130.69	124.94	107.35	33.12	ppb
Potassium	39-2	36920.04	36764.07	37294.49	36992.87	0.74	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				89		%
Selenium	77-2	543.50	509.11	568.00	540.20	5.48	ppb
Selenium	78-2	574.50	569.05	559.69	567.74	1.32	ppb
Selenium	82-1	550.94	580.76	574.49	568.73	2.76	ppb
Silicon	28-1	9674.39	10084.60	10156.59	9971.86	2.61	ppb
Silver	109-1	494.21	521.12	499.83	505.05	2.81	ppb
Silver	107-1	493.65	512.02	499.80	501.82	1.86	ppb
Sodium	23-2	81459.97	84758.64	83802.72	83340.44	2.04	ppb
Strontium	86-1	871.01	879.22	928.32	892.85	3.47	ppb
Strontium	88-1	890.50	903.23	927.06	906.93	2.05	ppb
Sulfur	34-1	-4715.53	-4849.83	-4722.03	-4762.46		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	549.12	568.57	559.50	559.06	1.74	ppb
Thallium	205-1	555.80	583.06	571.12	569.99	2.40	ppb
Tin	118-1	506.09	527.98	510.69	514.92	2.24	ppb
Titanium	47-1	2549.52	2601.78	2717.58	2622.96	3.28	ppb
Uranium	238-1	562.32	572.90	572.13	569.11	1.04	ppb
Vanadium	51-2	594.60	592.42	604.06	597.03	1.04	ppb
Yttrium	89-1				104		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01A	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5A	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:23:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	1095.12	1108.17	1119.68	1107.66	1.11	ppb
Zirconium	90-1	542.62	557.94	558.17	552.91	1.61	ppb
Zirconium	91-1	530.71	553.16	555.86	546.58	2.53	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:40:15	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48200.68	48438.85	47387.41	48008.98	1.15	ppb
Antimony	121-1	477.88	480.97	482.65	480.50	0.50	ppb
Arsenic	75-2	470.47	483.50	472.22	475.40	1.49	ppb
Barium	135-1	2401.32	2414.17	2399.17	2404.89	0.34	ppb
Barium	137-1	2374.29	2443.62	2440.19	2419.36	1.62	ppb
Beryllium	9-1	526.60	531.13	531.79	529.84	0.53	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	11-1	422.01	481.61	517.39	473.67	10.17	ppb
Boron	10-1	415.87	490.46	522.33	476.22	11.47	ppb
Bromine	81-1						cps
Cadmium	106-1	463.72	468.34	464.01	465.35	0.56	ppb
Cadmium	108-1	472.93	472.01	477.29	474.08	0.60	ppb
Cadmium	111-1	463.80	460.05	471.84	465.23	1.29	ppb
Calcium	43-1	239579.10	246873.11	246348.80	244267.00	1.67	ppb
Calcium	44-1	238426.25	246004.83	242820.12	242417.07	1.57	ppb
Chromium	52-2	492.13	502.53	493.68	496.11	1.13	ppb
Cobalt	59-2	483.32	492.65	485.14	487.04	1.02	ppb
Copper	63-2	967.34	982.13	959.18	969.55	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	54-2	118069.82	121996.30	120326.52	120130.88	1.64	ppb
Iron	56-2	116837.26	119815.86	118388.68	118347.27	1.26	ppb
Iron	57-2	121242.49	121610.86	122914.29	121922.55	0.72	ppb
Krypton	83-1						cps
Lead	207-1	499.72	488.67	489.01	492.47	1.28	ppb
Lead	208-1	499.07	488.24	492.92	493.41	1.10	ppb
Lead	206-1	493.05	482.34	487.32	487.57	1.10	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:40:15	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	232326.09	235086.41	233276.45	233562.98	0.60	ppb
Manganese	55-2	970.06	970.05	973.73	971.28	0.22	ppb
Molybdenum	94-1	2487.80	2437.03	2521.41	2482.08	1.71	ppb
Molybdenum	95-1	2470.72	2411.70	2485.59	2456.00	1.59	ppb
Molybdenum	96-1	2444.10	2434.95	2495.38	2458.14	1.33	ppb
Molybdenum	97-1	2481.66	2427.84	2521.36	2476.95	1.89	ppb
Molybdenum	98-1	2451.46	2448.68	2485.81	2461.98	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.22	498.44	490.25	492.64	1.03	ppb
Phosphorus	31-2	9002.46	10321.67	9457.67	9593.93	6.98	ppb
Potassium	39-2	118975.18	118280.42	117495.48	118250.36	0.63	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	409.36	498.48	414.92	440.92	11.32	ppb
Selenium	78-2	482.63	490.30	494.55	489.16	1.23	ppb
Selenium	82-1	472.63	461.78	479.73	471.38	1.92	ppb
Silicon	28-1	436.05	452.57	463.35	450.66	3.05	ppb
Silver	109-1	472.87	467.98	484.90	475.25	1.83	ppb
Silver	107-1	467.96	475.98	473.99	472.64	0.88	ppb
Sodium	23-2	230139.20	238755.18	231131.30	233341.89	2.02	ppb
Strontium	86-1	482.45	481.11	482.82	482.13	0.19	ppb
Strontium	88-1	489.38	498.55	482.59	490.17	1.63	ppb
Sulfur	34-1	7713.87	7644.31	7284.71	7547.63	3.05	ppb
Terbium	159-1				116		%
Terbium	159-2				111		%
Thallium	203-1	496.62	491.26	490.86	492.91	0.65	ppb
Thallium	205-1	507.83	500.55	497.94	502.11	1.02	ppb
Tin	118-1	478.13	479.85	481.64	479.87	0.37	ppb
Titanium	47-1	2426.47	2476.88	2482.63	2461.99	1.25	ppb
Uranium	238-1	512.24	503.66	512.62	509.51	0.99	ppb
Vanadium	51-2	487.93	502.22	486.94	492.37	1.74	ppb
Yttrium	89-1				113		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:40:15	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	962.48	983.32	946.79	964.20	1.90	ppb
Zirconium	90-1	500.51	493.80	495.27	496.53	0.71	ppb
Zirconium	91-1	488.35	478.92	489.68	485.65	1.21	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:44:28	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.04	-0.33	3.91	2.54	97.75	ppb
Antimony	121-1	0.05	0.14	0.05	0.08	64.69	ppb
Arsenic	75-2	-0.02	-0.05	-0.05	-0.04		ppb
Barium	135-1	0.04	0.44	0.07	0.19	120.01	ppb
Barium	137-1	0.06	0.36	0.03	0.15	120.97	ppb
Beryllium	9-1	0.06	0.05	0.06	0.06	15.25	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	11-1	67.41	66.35	65.67	66.48	1.31	ppb
Boron	10-1	68.96	65.44	67.83	67.41	2.66	ppb
Bromine	81-1						cps
Cadmium	106-1	0.56	-1.48	-0.96	-0.62		ppb
Cadmium	108-1	0.24	0.32	0.18	0.25	28.51	ppb
Cadmium	111-1	0.09	0.02	-0.04	0.03	246.02	ppb
Calcium	43-1	-4.26	4.07	4.15	1.32	366.33	ppb
Calcium	44-1	-31.78	-30.12	-31.08	-31.00		ppb
Chromium	52-2	0.06	0.21	0.07	0.11	71.85	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.08	0.07	0.04	0.06	33.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	3.58	3.46	1.31	2.78	45.98	ppb
Iron	56-2	3.40	3.31	2.14	2.95	23.81	ppb
Iron	57-2	5.59	4.11	4.20	4.63	17.87	ppb
Krypton	83-1						cps
Lead	207-1	0.09	0.12	0.07	0.09	30.67	ppb
Lead	208-1	0.07	0.10	0.07	0.08	22.79	ppb
Lead	206-1	0.07	0.09	0.08	0.08	16.41	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:44:28	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	6.70	3.72	3.01	4.48	43.77	ppb
Manganese	55-2	0.04	0.01	0.14	0.06	110.14	ppb
Molybdenum	94-1	0.10	1.23	0.05	0.46	146.06	ppb
Molybdenum	95-1	0.15	1.09	0.12	0.45	122.60	ppb
Molybdenum	96-1	0.20	1.07	0.15	0.47	110.04	ppb
Molybdenum	97-1	0.14	1.39	0.10	0.54	135.97	ppb
Molybdenum	98-1	0.10	0.91	0.07	0.36	132.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.08	0.03	-0.03		ppb
Phosphorus	31-2	-22.99	-48.94	-152.13	-74.69		ppb
Potassium	39-2	-67.40	-50.14	-81.07	-66.20		ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	-1.57	-1.57	-1.57	-1.57		ppb
Selenium	78-2	-2.09	-1.84	-3.55	-2.49		ppb
Selenium	82-1	-0.66	0.04	2.59	0.66	260.82	ppb
Silicon	28-1	-17.81	-12.44	-9.97	-13.41		ppb
Silver	109-1	0.03	0.18	0.03	0.08	114.43	ppb
Silver	107-1	0.05	0.18	0.03	0.08	98.22	ppb
Sodium	23-2	-126.17	-126.14	-125.83	-126.05		ppb
Strontium	86-1	-0.18	0.14	0.03	0.00		ppb
Strontium	88-1	0.02	0.10	0.02	0.05	102.41	ppb
Sulfur	34-1	-3170.39	-3280.79	-2646.79	-3032.66		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.10	0.07	0.09	22.07	ppb
Thallium	205-1	0.09	0.10	0.08	0.09	10.16	ppb
Tin	118-1	0.06	0.14	0.09	0.10	41.88	ppb
Titanium	47-1	-0.25	0.10	0.45	0.10	342.43	ppb
Uranium	238-1	0.00	0.02	0.00	0.01	138.24	ppb
Vanadium	51-2	0.05	0.01	0.02	0.03	89.76	ppb
Yttrium	89-1				108		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:44:28	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	0.20	0.09	0.32	0.20	55.72	ppb
Zirconium	90-1	0.03	0.12	0.01	0.05	114.27	ppb
Zirconium	91-1	0.07	0.22	0.01	0.10	103.70	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:47:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9918.14	9373.27	9277.09	9522.83	3.63	ppb
Antimony	121-1	5.05	4.71	3.85	4.53	13.62	ppb
Arsenic	75-2	8.05	8.04	7.86	7.99	1.32	ppb
Barium	135-1	174.08	171.79	174.57	173.48	0.85	ppb
Barium	137-1	173.28	171.89	174.81	173.33	0.84	ppb
Beryllium	9-1	0.65	0.54	0.58	0.59	10.18	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	11-1	74.21	70.58	68.37	71.05	4.15	ppb
Boron	10-1	75.07	70.22	65.69	70.33	6.67	ppb
Bromine	81-1						cps
Cadmium	106-1	2.84	-0.50	-0.17	0.72	254.34	ppb
Cadmium	108-1	1.04	0.99	0.69	0.90	21.06	ppb
Cadmium	111-1	0.49	0.38	0.37	0.41	16.24	ppb
Calcium	43-1	60406.82	63241.08	60147.15	61265.02	2.80	ppb
Calcium	44-1	61147.53	63698.58	60024.83	61623.65	3.05	ppb
Chromium	52-2	42.28	38.78	39.21	40.09	4.76	ppb
Cobalt	59-2	22.49	20.90	21.14	21.51	3.98	ppb
Copper	63-2	66.85	63.60	63.61	64.69	2.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	66993.94	64200.05	62484.13	64559.37	3.53	ppb
Iron	56-2	66629.55	61381.49	61819.13	63276.72	4.60	ppb
Iron	57-2	65392.62	61578.31	61180.82	62717.25	3.71	ppb
Krypton	83-1						cps
Lead	207-1	22.46	23.03	23.20	22.90	1.69	ppb
Lead	208-1	23.23	23.58	22.98	23.26	1.29	ppb
Lead	206-1	24.53	25.21	24.20	24.65	2.07	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:47:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				137		%
Magnesium	24-2	11942.54	11428.07	11060.75	11477.12	3.86	ppb
Manganese	55-2	1846.55	1723.51	1717.39	1762.48	4.13	ppb
Molybdenum	94-1	8.34	8.33	8.22	8.30	0.78	ppb
Molybdenum	95-1	3.18	3.05	2.86	3.03	5.43	ppb
Molybdenum	96-1	3.47	3.84	3.91	3.74	6.40	ppb
Molybdenum	97-1	2.90	3.05	3.11	3.02	3.55	ppb
Molybdenum	98-1	3.01	2.99	3.34	3.11	6.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.11	42.95	41.66	42.91	2.86	ppb
Phosphorus	31-2	1146.82	1093.07	1141.72	1127.20	2.63	ppb
Potassium	39-2	11347.15	10768.70	10592.06	10902.64	3.62	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	16.92	5.95	39.00	20.62	81.60	ppb
Selenium	78-2	4.94	3.80	2.81	3.85	27.76	ppb
Selenium	82-1	2.95	2.71	5.48	3.71	41.43	ppb
Silicon	28-1	12754.09	13059.10	11798.51	12537.23	5.25	ppb
Silver	109-1	0.17	0.20	0.21	0.19	9.48	ppb
Silver	107-1	0.18	0.19	0.21	0.19	9.32	ppb
Sodium	23-2	159323.02	150707.88	150430.42	153487.11	3.29	ppb
Strontium	86-1	263.50	267.79	264.29	265.19	0.86	ppb
Strontium	88-1	264.66	273.29	276.09	271.35	2.20	ppb
Sulfur	34-1	13173.81	13767.76	9674.46	12205.34	18.12	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.82	0.66	0.53	0.67	21.75	ppb
Thallium	205-1	0.78	0.70	0.58	0.69	15.34	ppb
Tin	118-1	4.36	5.59	6.63	5.53	20.63	ppb
Titanium	47-1	761.31	786.89	758.80	769.00	2.02	ppb
Uranium	238-1	1.15	1.08	1.12	1.12	2.97	ppb
Vanadium	51-2	53.68	51.02	49.93	51.54	3.74	ppb
Yttrium	89-1				102		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:47:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	63.00	58.48	60.88	60.79	3.72	ppb
Zirconium	90-1	4.03	4.23	4.11	4.12	2.52	ppb
Zirconium	91-1	4.16	7.90	3.95	5.34	41.60	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:50:06	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8904.66	8719.50	8586.91	8737.02	1.83	ppb
Antimony	121-1	1.89	1.67	1.65	1.74	7.76	ppb
Arsenic	75-2	7.22	7.46	7.60	7.43	2.58	ppb
Barium	135-1	152.00	163.50	163.17	159.56	4.10	ppb
Barium	137-1	154.49	162.27	163.88	160.21	3.13	ppb
Beryllium	9-1	0.41	0.37	0.41	0.39	5.91	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	11-1	48.36	46.04	45.79	46.73	3.03	ppb
Boron	10-1	46.73	47.24	44.23	46.07	3.49	ppb
Bromine	81-1						cps
Cadmium	106-1	0.14	-0.69	-0.87	-0.47		ppb
Cadmium	108-1	0.33	0.47	0.32	0.37	22.83	ppb
Cadmium	111-1	0.23	0.15	0.11	0.16	38.89	ppb
Calcium	43-1	59296.45	62002.08	60447.80	60582.11	2.24	ppb
Calcium	44-1	58859.37	61268.41	60294.76	60140.84	2.02	ppb
Chromium	52-2	39.94	41.19	39.10	40.08	2.62	ppb
Cobalt	59-2	20.71	20.94	20.58	20.75	0.88	ppb
Copper	63-2	63.11	62.31	62.41	62.61	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				96		%
Indium	115-1				114		%
Indium	115-2				101		%
Iron	54-2	61082.92	62463.03	60470.31	61338.75	1.66	ppb
Iron	56-2	59115.16	59475.59	58510.96	59033.90	0.83	ppb
Iron	57-2	59129.69	59222.87	58434.23	58928.93	0.73	ppb
Krypton	83-1						cps
Lead	207-1	21.46	22.00	21.44	21.63	1.45	ppb
Lead	208-1	21.48	22.04	21.94	21.82	1.37	ppb
Lead	206-1	22.28	22.78	23.04	22.70	1.69	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:50:06	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				190		%
Magnesium	24-2	11045.46	11197.27	10875.03	11039.25	1.46	ppb
Manganese	55-2	1700.51	1686.94	1658.50	1681.99	1.27	ppb
Molybdenum	94-1	7.65	7.48	8.15	7.76	4.48	ppb
Molybdenum	95-1	2.68	2.93	2.91	2.84	4.82	ppb
Molybdenum	96-1	3.25	3.52	3.70	3.49	6.40	ppb
Molybdenum	97-1	2.44	2.95	2.82	2.73	9.68	ppb
Molybdenum	98-1	2.83	2.74	2.94	2.84	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.96	39.99	41.04	40.99	2.41	ppb
Phosphorus	31-2	1103.76	996.43	825.10	975.10	14.41	ppb
Potassium	39-2	10266.79	10476.05	10195.13	10312.66	1.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				84		%
Selenium	77-2	29.59	16.09	21.46	22.38	30.37	ppb
Selenium	78-2	2.61	1.62	4.97	3.07	56.20	ppb
Selenium	82-1	2.82	4.02	2.28	3.04	29.21	ppb
Silicon	28-1	11641.54	11655.40	11456.79	11584.58	0.96	ppb
Silver	109-1	0.17	0.14	0.16	0.16	10.62	ppb
Silver	107-1	0.17	0.14	0.14	0.15	13.53	ppb
Sodium	23-2	150155.88	150397.39	147402.45	149318.57	1.11	ppb
Strontium	86-1	247.08	257.50	257.00	253.86	2.31	ppb
Strontium	88-1	257.01	265.41	265.81	262.74	1.89	ppb
Sulfur	34-1	10182.54	9658.88	7707.65	9183.02	14.20	ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	0.34	0.33	0.30	0.32	6.07	ppb
Thallium	205-1	0.31	0.31	0.31	0.31	1.31	ppb
Tin	118-1	5.55	6.32	6.83	6.23	10.30	ppb
Titanium	47-1	682.70	690.59	686.35	686.55	0.58	ppb
Uranium	238-1	1.11	1.03	1.12	1.08	4.67	ppb
Vanadium	51-2	48.68	49.36	47.87	48.64	1.53	ppb
Yttrium	89-1				107		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:50:06	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	60.36	59.08	57.48	58.98	2.45	ppb
Zirconium	90-1	3.92	3.93	3.70	3.85	3.28	ppb
Zirconium	91-1	3.66	4.11	3.64	3.80	7.04	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:52:56	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.87	17.05	14.52	15.82	8.00	ppb
Antimony	121-1	0.89	1.02	0.93	0.95	7.23	ppb
Arsenic	75-2	2.90	2.81	2.86	2.85	1.60	ppb
Barium	135-1	146.07	152.03	156.79	151.63	3.54	ppb
Barium	137-1	146.37	150.17	157.80	151.45	3.84	ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	11-1	121.89	129.89	132.72	128.17	4.38	ppb
Boron	10-1	114.19	127.33	131.16	124.23	7.16	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.85	-1.58	-3.06	-2.16		ppb
Cadmium	108-1	-0.02	0.11	0.32	0.14	128.11	ppb
Cadmium	111-1	-0.11	-0.10	-0.17	-0.12		ppb
Calcium	43-1	88932.22	88290.28	89855.68	89026.06	0.88	ppb
Calcium	44-1	89516.85	89015.75	91339.47	89957.36	1.36	ppb
Chromium	52-2	1.33	1.15	1.35	1.28	8.45	ppb
Cobalt	59-2	0.05	0.03	0.05	0.04	27.59	ppb
Copper	63-2	0.90	0.84	0.91	0.88	4.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				116		%
Indium	115-2				99		%
Iron	54-2	17.00	13.80	15.48	15.43	10.40	ppb
Iron	56-2	13.07	12.78	11.76	12.54	5.50	ppb
Iron	57-2	22.49	19.89	13.94	18.77	23.36	ppb
Krypton	83-1						cps
Lead	207-1	0.25	0.25	0.27	0.25	4.33	ppb
Lead	208-1	0.28	0.28	0.28	0.28	0.93	ppb
Lead	206-1	0.27	0.33	0.34	0.32	12.15	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:52:56	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				199		%
Magnesium	24-2	13028.58	12863.82	12722.46	12871.62	1.19	ppb
Manganese	55-2	1.99	1.50	1.59	1.69	15.34	ppb
Molybdenum	94-1	1.16	1.10	1.12	1.13	2.60	ppb
Molybdenum	95-1	1.44	1.43	1.54	1.47	4.14	ppb
Molybdenum	96-1	1.43	1.37	1.40	1.40	2.32	ppb
Molybdenum	97-1	1.28	1.46	1.65	1.46	12.41	ppb
Molybdenum	98-1	1.56	1.59	1.57	1.57	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.65	1.70	1.54	1.63	4.81	ppb
Phosphorus	31-2	-77.70	-175.77	-151.77	-135.08		ppb
Potassium	39-2	2169.76	2135.41	2178.22	2161.13	1.05	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	1.07	1.08	-1.57	0.19	783.36	ppb
Selenium	78-2	-0.28	-3.81	-2.13	-2.07		ppb
Selenium	82-1	1.81	0.38	-1.23	0.32	476.31	ppb
Silicon	28-1	8019.31	7835.72	8186.49	8013.84	2.19	ppb
Silver	109-1	0.08	0.10	0.11	0.10	13.01	ppb
Silver	107-1	0.09	0.09	0.09	0.09	0.44	ppb
Sodium	23-2	49755.39	49000.97	49663.13	49473.16	0.83	ppb
Strontium	86-1	497.22	500.92	512.70	503.62	1.60	ppb
Strontium	88-1	512.11	511.45	522.27	515.28	1.18	ppb
Sulfur	34-1	9901.28	7910.40	8449.47	8753.72	11.76	ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.01	0.02	58.31	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	32.32	ppb
Tin	118-1	2.29	2.77	3.25	2.77	17.32	ppb
Titanium	47-1	0.79	1.87	1.48	1.38	39.61	ppb
Uranium	238-1	0.78	0.73	0.75	0.75	3.80	ppb
Vanadium	51-2	0.60	0.64	0.68	0.64	5.74	ppb
Yttrium	89-1				103		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:52:56	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				89		%
Zinc	66-2	4.60	5.04	5.08	4.91	5.47	ppb
Zirconium	90-1	0.00	0.00	0.03	0.01	178.65	ppb
Zirconium	91-1	0.06	0.07	0.08	0.07	19.19	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:55:44	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	191.95	194.94	181.46	189.45	3.74	ppb
Antimony	121-1	0.51	0.61	0.59	0.57	9.41	ppb
Arsenic	75-2	1.66	1.60	1.53	1.59	4.04	ppb
Barium	135-1	42.36	43.17	43.24	42.92	1.14	ppb
Barium	137-1	45.37	44.62	44.62	44.87	0.97	ppb
Beryllium	9-1	0.00	-0.03	0.02	0.00		ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Boron	11-1	54.01	56.36	55.84	55.40	2.23	ppb
Boron	10-1	51.97	52.93	55.86	53.59	3.78	ppb
Bromine	81-1						cps
Cadmium	106-1	0.27	-2.33	-0.66	-0.90		ppb
Cadmium	108-1	0.23	0.17	-0.02	0.13	106.97	ppb
Cadmium	111-1	0.05	-0.15	0.00	-0.03		ppb
Calcium	43-1	14339.83	14314.33	13862.47	14172.21	1.89	ppb
Calcium	44-1	14230.78	14331.41	14148.24	14236.81	0.64	ppb
Chromium	52-2	1.32	1.30	1.25	1.29	2.68	ppb
Cobalt	59-2	0.42	0.49	0.43	0.45	8.86	ppb
Copper	63-2	3.99	3.78	3.83	3.86	2.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				107		%
Indium	115-1				117		%
Indium	115-2				101		%
Iron	54-2	1908.41	1887.24	1857.91	1884.52	1.35	ppb
Iron	56-2	1856.30	1917.19	1875.25	1882.91	1.65	ppb
Iron	57-2	1886.36	1904.51	1837.30	1876.06	1.85	ppb
Krypton	83-1						cps
Lead	207-1	16.11	16.06	16.27	16.15	0.67	ppb
Lead	208-1	16.47	16.28	15.90	16.22	1.77	ppb
Lead	206-1	17.03	16.84	16.48	16.78	1.68	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:55:44	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				170		%
Magnesium	24-2	2491.04	2452.42	2473.88	2472.45	0.78	ppb
Manganese	55-2	178.10	179.83	170.15	176.02	2.93	ppb
Molybdenum	94-1	1.43	1.68	1.50	1.54	8.16	ppb
Molybdenum	95-1	1.86	1.96	1.89	1.91	2.76	ppb
Molybdenum	96-1	1.95	1.80	1.83	1.86	4.34	ppb
Molybdenum	97-1	2.22	1.99	1.80	2.00	10.58	ppb
Molybdenum	98-1	2.06	2.04	1.93	2.01	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.26	1.49	1.33	10.40	ppb
Phosphorus	31-2	-112.47	-109.45	4.62	-72.43		ppb
Potassium	39-2	2283.58	2327.02	2246.81	2285.80	1.76	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				94		%
Selenium	77-2	-1.57	-1.57	-1.57	-1.57		ppb
Selenium	78-2	-0.75	-2.38	-0.86	-1.33		ppb
Selenium	82-1	2.51	-0.67	-1.78	0.02	11751.63	ppb
Silicon	28-1	1878.14	1858.17	1814.03	1850.11	1.77	ppb
Silver	109-1	0.05	0.05	0.06	0.05	8.39	ppb
Silver	107-1	0.07	0.07	0.05	0.06	15.54	ppb
Sodium	23-2	6432.01	6277.52	6305.89	6338.47	1.30	ppb
Strontium	86-1	71.64	74.05	69.25	71.65	3.35	ppb
Strontium	88-1	73.60	75.41	72.02	73.68	2.30	ppb
Sulfur	34-1	-5907.72	-6448.48	-7448.67	-6601.63		ppb
Terbium	159-1				117		%
Terbium	159-2				106		%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.01	0.01	0.01	0.01	25.84	ppb
Tin	118-1	2.03	2.05	1.98	2.02	1.69	ppb
Titanium	47-1	6.43	7.06	6.97	6.82	4.98	ppb
Uranium	238-1	0.07	0.08	0.07	0.07	7.78	ppb
Vanadium	51-2	1.36	1.22	1.32	1.30	5.77	ppb
Yttrium	89-1				111		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:55:44	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	13.57	13.06	12.72	13.12	3.25	ppb
Zirconium	90-1	0.04	0.06	0.02	0.04	55.16	ppb
Zirconium	91-1	0.09	0.04	0.06	0.06	43.16	ppb

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01DUPDLX5 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2020-01-23 15:58:35 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	213.73	196.47	186.07	198.76	7.03	ppb
Antimony	121-1	0.40	0.42	0.47	0.43	8.50	ppb
Arsenic	75-2	1.61	1.83	1.54	1.66	9.23	ppb
Barium	135-1	42.71	43.65	43.63	43.33	1.24	ppb
Barium	137-1	42.34	42.97	44.16	43.16	2.14	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	92.98	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Boron	11-1	50.97	52.57	53.03	52.19	2.07	ppb
Boron	10-1	48.52	50.94	53.95	51.14	5.32	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.58	-1.60	-1.17	-1.11		ppb
Cadmium	108-1	-0.02	0.10	0.04	0.04	160.87	ppb
Cadmium	111-1	0.00	-0.10	-0.08	-0.06		ppb
Calcium	43-1	14025.57	14234.82	14367.12	14209.17	1.21	ppb
Calcium	44-1	14210.07	14441.03	14197.09	14282.73	0.96	ppb
Chromium	52-2	1.42	1.18	1.31	1.30	9.56	ppb
Cobalt	59-2	0.44	0.47	0.45	0.45	3.94	ppb
Copper	63-2	3.88	3.91	4.06	3.95	2.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				114		%
Indium	115-2				101		%
Iron	54-2	1923.67	1938.15	1949.56	1937.13	0.67	ppb
Iron	56-2	1942.64	1906.06	1925.83	1924.84	0.95	ppb
Iron	57-2	1937.75	1900.11	1899.19	1912.35	1.15	ppb
Krypton	83-1						cps
Lead	207-1	16.76	16.12	16.59	16.49	2.01	ppb
Lead	208-1	16.50	16.14	16.39	16.34	1.11	ppb
Lead	206-1	16.88	16.51	17.17	16.85	1.94	ppb

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01DUPDLX5 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2020-01-23 15:58:35 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				149		%
Magnesium	24-2	2496.65	2505.04	2493.85	2498.52	0.23	ppb
Manganese	55-2	180.41	179.74	177.88	179.34	0.73	ppb
Molybdenum	94-1	1.80	1.57	1.57	1.65	8.10	ppb
Molybdenum	95-1	2.12	2.15	2.18	2.15	1.50	ppb
Molybdenum	96-1	2.02	2.02	2.14	2.06	3.20	ppb
Molybdenum	97-1	2.31	2.21	2.02	2.18	6.92	ppb
Molybdenum	98-1	2.08	2.12	2.05	2.08	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.25	1.39	1.24	11.92	ppb
Phosphorus	31-2	-96.10	-80.86	-76.82	-84.59		ppb
Potassium	39-2	2346.88	2292.00	2393.85	2344.24	2.17	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				93		%
Selenium	77-2	0.84	-1.57	0.87	0.05	2844.58	ppb
Selenium	78-2	0.73	-1.90	-0.68	-0.62		ppb
Selenium	82-1	0.48	0.92	-0.33	0.36	176.87	ppb
Silicon	28-1	1859.05	1857.82	1838.64	1851.84	0.62	ppb
Silver	109-1	0.04	0.05	0.06	0.05	15.25	ppb
Silver	107-1	0.05	0.06	0.06	0.06	10.10	ppb
Sodium	23-2	6535.36	6440.83	6548.51	6508.23	0.90	ppb
Strontium	86-1	74.20	74.08	73.14	73.80	0.78	ppb
Strontium	88-1	75.31	75.74	74.20	75.08	1.06	ppb
Sulfur	34-1	-5902.56	-5275.26	-5859.96	-5679.26		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.00	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.01	0.00	0.01	0.01	60.86	ppb
Tin	118-1	1.78	1.90	2.07	1.92	7.60	ppb
Titanium	47-1	6.82	6.94	6.18	6.65	6.17	ppb
Uranium	238-1	0.09	0.07	0.06	0.07	21.68	ppb
Vanadium	51-2	1.34	1.13	1.31	1.26	8.72	ppb
Yttrium	89-1				108		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:58:35	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	13.94	12.52	13.37	13.28	5.39	ppb
Zirconium	90-1	0.02	0.05	0.10	0.06	67.84	ppb
Zirconium	91-1	0.05	0.66	0.06	0.26	136.01	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:01:23	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.38	39.68	105.88	59.31	68.27	ppb
Antimony	121-1	0.10	0.09	0.11	0.10	6.59	ppb
Arsenic	75-2	0.34	0.26	0.26	0.28	15.78	ppb
Barium	135-1	8.14	8.67	8.80	8.54	4.09	ppb
Barium	137-1	8.83	8.75	8.65	8.74	1.06	ppb
Beryllium	9-1	-0.02	-0.03	0.01	-0.01		ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	11-1	33.86	33.20	32.47	33.18	2.10	ppb
Boron	10-1	33.91	33.74	34.93	34.20	1.88	ppb
Bromine	81-1						cps
Cadmium	106-1	1.52	-0.79	-1.73	-0.33		ppb
Cadmium	108-1	0.17	0.17	0.23	0.19	19.40	ppb
Cadmium	111-1	0.10	-0.05	-0.14	-0.03		ppb
Calcium	43-1	2824.05	2815.94	2837.51	2825.83	0.39	ppb
Calcium	44-1	2724.14	2704.72	2759.85	2729.57	1.02	ppb
Chromium	52-2	0.44	0.47	0.28	0.40	25.45	ppb
Cobalt	59-2	0.06	0.09	0.09	0.08	21.06	ppb
Copper	63-2	0.81	0.82	0.77	0.80	3.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				114		%
Indium	115-2				101		%
Iron	54-2	379.27	381.68	374.08	378.34	1.03	ppb
Iron	56-2	370.44	370.05	372.31	370.93	0.33	ppb
Iron	57-2	382.65	373.48	387.33	381.15	1.85	ppb
Krypton	83-1						cps
Lead	207-1	3.17	3.32	3.26	3.25	2.24	ppb
Lead	208-1	3.23	3.25	3.32	3.27	1.57	ppb
Lead	206-1	3.40	3.32	3.39	3.37	1.28	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:01:23	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				136		%
Magnesium	24-2	509.82	506.89	484.49	500.40	2.77	ppb
Manganese	55-2	35.40	34.93	36.50	35.61	2.26	ppb
Molybdenum	94-1	0.25	0.31	0.28	0.28	9.88	ppb
Molybdenum	95-1	0.36	0.40	0.38	0.38	5.31	ppb
Molybdenum	96-1	0.44	0.46	0.48	0.46	3.93	ppb
Molybdenum	97-1	0.40	0.39	0.34	0.38	8.77	ppb
Molybdenum	98-1	0.37	0.39	0.37	0.37	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.28	0.32	0.31	9.19	ppb
Phosphorus	31-2	-36.00	-117.06	-62.37	-71.81		ppb
Potassium	39-2	388.15	423.80	417.59	409.85	4.65	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				95		%
Selenium	77-2	-1.57	-1.57	-1.57	-1.57		ppb
Selenium	78-2	1.47	-3.45	-1.68	-1.22		ppb
Selenium	82-1	0.61	1.42	-1.59	0.14	1087.12	ppb
Silicon	28-1	342.82	354.83	360.04	352.56	2.50	ppb
Silver	109-1	0.05	0.01	0.02	0.03	60.26	ppb
Silver	107-1	0.04	0.03	0.03	0.03	12.15	ppb
Sodium	23-2	1160.32	1161.47	1177.94	1166.58	0.85	ppb
Strontium	86-1	14.33	14.12	13.41	13.95	3.46	ppb
Strontium	88-1	14.48	14.71	14.27	14.49	1.51	ppb
Sulfur	34-1	-5357.74	-6021.06	-5915.66	-5764.82		ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	159.34	ppb
Tin	118-1	0.51	0.45	0.48	0.48	6.62	ppb
Titanium	47-1	0.89	0.97	0.94	0.94	4.29	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	30.59	ppb
Vanadium	51-2	0.25	0.23	0.28	0.25	10.33	ppb
Yttrium	89-1				112		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:01:23	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	2.58	1.96	2.42	2.32	13.84	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.07	0.03	0.02	0.04	71.55	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:04:13	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2298.43	2279.00	2270.36	2282.60	0.63	ppb
Antimony	121-1	115.74	118.73	117.41	117.29	1.28	ppb
Arsenic	75-2	124.04	126.91	127.79	126.25	1.55	ppb
Barium	135-1	558.01	570.63	566.01	564.88	1.13	ppb
Barium	137-1	565.23	577.46	567.11	569.93	1.16	ppb
Beryllium	9-1	92.61	90.39	90.70	91.23	1.32	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	11-1	97.94	113.15	118.66	109.91	9.76	ppb
Boron	10-1	105.14	112.64	117.18	111.65	5.45	ppb
Bromine	81-1						cps
Cadmium	106-1	109.54	112.98	111.72	111.41	1.56	ppb
Cadmium	108-1	108.62	111.50	115.85	111.99	3.25	ppb
Cadmium	111-1	115.15	116.10	115.60	115.62	0.41	ppb
Calcium	43-1	24118.83	24323.45	24907.61	24449.96	1.67	ppb
Calcium	44-1	23887.92	24530.24	25782.60	24733.59	3.90	ppb
Chromium	52-2	124.33	125.10	124.12	124.51	0.41	ppb
Cobalt	59-2	125.50	126.95	125.47	125.97	0.67	ppb
Copper	63-2	230.06	234.08	232.29	232.14	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				98		%
Iron	54-2	7477.63	7633.40	7471.74	7527.59	1.22	ppb
Iron	56-2	7304.89	7429.22	7437.45	7390.52	1.00	ppb
Iron	57-2	7252.38	7368.97	7352.67	7324.67	0.86	ppb
Krypton	83-1						cps
Lead	207-1	137.37	137.98	138.29	137.88	0.34	ppb
Lead	208-1	132.86	132.42	133.63	132.97	0.46	ppb
Lead	206-1	131.20	131.61	132.94	131.92	0.69	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:04:13	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				133		%
Magnesium	24-2	13202.87	13211.32	13238.05	13217.41	0.14	ppb
Manganese	55-2	403.12	398.91	392.57	398.20	1.33	ppb
Molybdenum	94-1	525.43	549.73	531.66	535.61	2.36	ppb
Molybdenum	95-1	513.82	534.41	518.41	522.21	2.07	ppb
Molybdenum	96-1	506.69	537.82	517.99	520.83	3.03	ppb
Molybdenum	97-1	520.96	555.28	524.01	533.42	3.56	ppb
Molybdenum	98-1	523.81	556.87	529.55	536.74	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.90	130.92	129.93	129.92	0.78	ppb
Phosphorus	31-2	-32.48	-99.26	-219.41	-117.05		ppb
Potassium	39-2	7642.40	7652.03	7617.15	7637.19	0.24	ppb
Rhodium	103-1				108		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	77-2	104.65	117.77	144.92	122.45	16.78	ppb
Selenium	78-2	118.50	121.19	130.81	123.50	5.24	ppb
Selenium	82-1	111.87	119.78	115.82	115.82	3.41	ppb
Silicon	28-1	2010.71	2072.49	2182.27	2088.49	4.16	ppb
Silver	109-1	102.06	104.21	103.24	103.17	1.05	ppb
Silver	107-1	102.57	105.71	103.26	103.85	1.59	ppb
Sodium	23-2	17706.44	17694.62	17127.55	17509.53	1.89	ppb
Strontium	86-1	177.82	187.80	180.46	182.03	2.84	ppb
Strontium	88-1	184.53	191.01	187.25	187.60	1.74	ppb
Sulfur	34-1	-5159.47	-4817.11	-3845.31	-4607.30		ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	113.67	113.83	115.39	114.30	0.83	ppb
Thallium	205-1	114.97	114.50	114.72	114.73	0.20	ppb
Tin	118-1	104.87	109.50	106.69	107.02	2.18	ppb
Titanium	47-1	514.40	533.65	543.04	530.36	2.75	ppb
Uranium	238-1	113.78	112.08	113.61	113.16	0.83	ppb
Vanadium	51-2	123.91	124.11	123.87	123.96	0.10	ppb
Yttrium	89-1				109		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:04:13	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	233.67	235.63	233.81	234.37	0.47	ppb
Zirconium	90-1	110.86	117.01	111.96	113.28	2.89	ppb
Zirconium	91-1	108.07	115.26	109.19	110.84	3.49	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDDI	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:07:02	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2274.21	2189.57	2249.10	2237.63	1.94	ppb
Antimony	121-1	115.10	116.00	117.95	116.35	1.25	ppb
Arsenic	75-2	122.90	121.87	123.39	122.72	0.63	ppb
Barium	135-1	552.15	562.96	564.71	559.94	1.22	ppb
Barium	137-1	555.90	567.75	565.31	562.99	1.11	ppb
Beryllium	9-1	90.15	90.53	90.11	90.26	0.26	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	11-1	109.37	118.68	130.55	119.53	8.88	ppb
Boron	10-1	108.82	113.98	130.13	117.64	9.45	ppb
Bromine	81-1						cps
Cadmium	106-1	112.41	118.20	115.01	115.21	2.51	ppb
Cadmium	108-1	114.20	115.66	113.54	114.47	0.95	ppb
Cadmium	111-1	114.99	115.65	115.29	115.31	0.29	ppb
Calcium	43-1	23346.21	23717.93	24235.64	23766.59	1.88	ppb
Calcium	44-1	24163.20	23866.70	24930.54	24320.15	2.26	ppb
Chromium	52-2	120.50	120.46	121.23	120.73	0.36	ppb
Cobalt	59-2	125.32	123.11	122.01	123.48	1.37	ppb
Copper	63-2	226.66	228.92	230.59	228.72	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				99		%
Iron	54-2	7369.86	7283.15	7451.70	7368.23	1.14	ppb
Iron	56-2	7340.12	7218.99	7332.11	7297.07	0.93	ppb
Iron	57-2	7392.94	7142.76	7218.00	7251.23	1.77	ppb
Krypton	83-1						cps
Lead	207-1	135.85	133.40	140.71	136.65	2.73	ppb
Lead	208-1	131.14	130.97	136.16	132.76	2.22	ppb
Lead	206-1	130.79	130.16	136.63	132.53	2.69	ppb

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01MSDDLX5 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5MSDDI Dilution Factor : 5
 Date & Time Acquired :: 2020-01-23 16:07:02 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				136		%
Magnesium	24-2	13119.32	12764.71	13025.93	12969.99	1.42	ppb
Manganese	55-2	388.34	388.91	390.34	389.20	0.26	ppb
Molybdenum	94-1	528.19	536.06	548.71	537.65	1.93	ppb
Molybdenum	95-1	518.37	530.18	533.25	527.27	1.49	ppb
Molybdenum	96-1	513.88	515.76	520.81	516.82	0.69	ppb
Molybdenum	97-1	522.10	537.75	535.54	531.80	1.59	ppb
Molybdenum	98-1	528.18	534.74	537.93	533.61	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.34	126.85	126.88	127.02	0.21	ppb
Phosphorus	31-2	-190.03	-123.00	-23.65	-112.23		ppb
Potassium	39-2	7480.93	7309.96	7453.52	7414.80	1.24	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				94		%
Selenium	77-2	132.92	161.99	114.53	136.48	17.53	ppb
Selenium	78-2	124.10	116.96	116.80	119.28	3.49	ppb
Selenium	82-1	112.42	115.18	116.69	114.76	1.89	ppb
Silicon	28-1	2101.48	2114.46	2113.68	2109.87	0.35	ppb
Silver	109-1	101.77	100.92	102.52	101.74	0.79	ppb
Silver	107-1	103.54	103.69	102.40	103.21	0.68	ppb
Sodium	23-2	17172.08	16487.93	16995.42	16885.14	2.10	ppb
Strontium	86-1	176.57	180.11	181.04	179.24	1.32	ppb
Strontium	88-1	184.65	188.93	188.51	187.37	1.26	ppb
Sulfur	34-1	-4375.66	-5016.42	-4960.40	-4784.16		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	112.13	112.94	114.08	113.05	0.87	ppb
Thallium	205-1	113.51	112.50	117.03	114.35	2.08	ppb
Tin	118-1	104.42	106.31	106.85	105.86	1.20	ppb
Titanium	47-1	516.70	522.51	534.04	524.42	1.68	ppb
Uranium	238-1	112.01	111.25	113.67	112.31	1.10	ppb
Vanadium	51-2	121.11	118.55	119.29	119.65	1.10	ppb
Yttrium	89-1				109		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDDI	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:07:02	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	229.98	223.14	226.48	226.53	1.51	ppb
Zirconium	90-1	109.79	111.77	111.30	110.96	0.93	ppb
Zirconium	91-1	109.79	108.77	106.43	108.33	1.59	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:09:52	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2309.93	2271.24	2289.58	2290.25	0.85	ppb
Antimony	121-1	121.26	122.94	119.58	121.26	1.38	ppb
Arsenic	75-2	128.31	125.76	124.21	126.10	1.64	ppb
Barium	135-1	587.95	589.03	575.39	584.13	1.30	ppb
Barium	137-1	594.70	587.86	579.14	587.24	1.33	ppb
Beryllium	9-1	95.69	93.13	91.75	93.52	2.14	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	11-1	115.05	128.70	135.68	126.48	8.29	ppb
Boron	10-1	114.83	124.22	134.95	124.67	8.07	ppb
Bromine	81-1						cps
Cadmium	106-1	117.19	119.54	112.32	116.35	3.16	ppb
Cadmium	108-1	121.09	118.40	116.25	118.58	2.04	ppb
Cadmium	111-1	118.47	122.52	117.50	119.49	2.23	ppb
Calcium	43-1	25243.35	25053.00	24628.33	24974.89	1.26	ppb
Calcium	44-1	25562.58	25817.65	24789.33	25389.85	2.11	ppb
Chromium	52-2	125.43	123.85	123.19	124.16	0.92	ppb
Cobalt	59-2	128.89	127.34	124.80	127.01	1.63	ppb
Copper	63-2	236.41	237.14	233.42	235.66	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				99		%
Iron	54-2	7598.67	7530.07	7524.82	7551.18	0.55	ppb
Iron	56-2	7604.36	7449.65	7529.62	7527.88	1.03	ppb
Iron	57-2	7371.47	7428.24	7288.54	7362.75	0.95	ppb
Krypton	83-1						cps
Lead	207-1	140.01	141.91	138.61	140.17	1.18	ppb
Lead	208-1	135.29	137.15	133.22	135.22	1.45	ppb
Lead	206-1	135.21	136.30	132.82	134.78	1.32	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:09:52	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				135		%
Magnesium	24-2	13307.30	13088.89	13279.02	13225.07	0.90	ppb
Manganese	55-2	402.80	397.22	396.09	398.70	0.90	ppb
Molybdenum	94-1	554.99	562.22	550.04	555.75	1.10	ppb
Molybdenum	95-1	546.52	549.33	538.37	544.74	1.05	ppb
Molybdenum	96-1	538.67	547.92	530.47	539.02	1.62	ppb
Molybdenum	97-1	549.33	556.46	540.29	548.69	1.48	ppb
Molybdenum	98-1	549.10	567.77	535.27	550.72	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.44	129.63	130.77	130.61	0.70	ppb
Phosphorus	31-2	-110.38	-51.61	-131.98	-97.99		ppb
Potassium	39-2	7602.79	7546.35	7665.58	7604.91	0.78	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	77-2	152.22	115.95	112.86	127.01	17.23	ppb
Selenium	78-2	130.65	107.14	113.69	117.16	10.36	ppb
Selenium	82-1	116.18	119.50	119.51	118.40	1.62	ppb
Silicon	28-1	2213.13	2270.10	2309.59	2264.27	2.14	ppb
Silver	109-1	105.55	106.91	104.50	105.65	1.14	ppb
Silver	107-1	106.70	107.60	104.61	106.30	1.44	ppb
Sodium	23-2	17575.67	17419.29	17358.67	17451.21	0.64	ppb
Strontium	86-1	188.81	189.47	188.43	188.90	0.28	ppb
Strontium	88-1	196.00	195.65	192.42	194.69	1.01	ppb
Sulfur	34-1	-3812.65	-3133.43	-4372.47	-3772.85		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	119.17	118.52	114.27	117.32	2.27	ppb
Thallium	205-1	117.44	117.77	115.18	116.80	1.21	ppb
Tin	118-1	110.10	112.40	110.71	111.07	1.07	ppb
Titanium	47-1	544.33	557.29	535.72	545.78	1.99	ppb
Uranium	238-1	118.16	114.80	115.89	116.28	1.47	ppb
Vanadium	51-2	123.18	121.63	122.58	122.46	0.64	ppb
Yttrium	89-1				108		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:09:52	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	240.77	230.47	229.14	233.46	2.73	ppb
Zirconium	90-1	113.85	117.34	113.82	115.00	1.76	ppb
Zirconium	91-1	111.85	116.24	112.56	113.55	2.08	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:12:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	416.39	406.75	460.24	427.79	6.66	ppb
Antimony	121-1	0.44	0.43	0.53	0.47	12.06	ppb
Arsenic	75-2	5.22	4.94	4.97	5.04	3.09	ppb
Barium	135-1	61.94	60.13	63.19	61.75	2.49	ppb
Barium	137-1	62.59	62.50	62.80	62.63	0.24	ppb
Beryllium	9-1	0.04	0.05	-0.02	0.03	136.78	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Boron	11-1	61.32	64.41	63.00	62.91	2.46	ppb
Boron	10-1	56.25	63.14	62.13	60.51	6.15	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.04	-2.81	-2.94	-2.60		ppb
Cadmium	108-1	0.10	0.04	0.10	0.08	45.74	ppb
Cadmium	111-1	-0.09	-0.13	-0.12	-0.11		ppb
Calcium	43-1	14441.99	14015.84	14406.02	14287.95	1.65	ppb
Calcium	44-1	14837.69	14490.12	14770.67	14699.49	1.25	ppb
Chromium	52-2	1.82	1.80	1.73	1.78	2.56	ppb
Cobalt	59-2	0.65	0.58	0.65	0.63	6.38	ppb
Copper	63-2	9.31	9.38	9.24	9.31	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				102		%
Iron	54-2	6323.93	6311.95	6432.60	6356.16	1.05	ppb
Iron	56-2	6359.15	6421.13	6619.69	6466.66	2.10	ppb
Iron	57-2	6351.03	6319.54	6387.17	6352.58	0.53	ppb
Krypton	83-1						cps
Lead	207-1	39.43	39.44	39.83	39.57	0.58	ppb
Lead	208-1	39.20	39.25	39.44	39.30	0.32	ppb
Lead	206-1	40.69	41.20	40.71	40.87	0.69	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:12:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				137		%
Magnesium	24-2	2617.44	2600.92	2536.80	2585.06	1.65	ppb
Manganese	55-2	185.36	186.71	187.19	186.42	0.51	ppb
Molybdenum	94-1	1.50	1.47	1.57	1.51	3.40	ppb
Molybdenum	95-1	1.84	2.07	2.09	2.00	7.10	ppb
Molybdenum	96-1	1.96	1.93	2.03	1.98	2.60	ppb
Molybdenum	97-1	1.86	1.71	2.21	1.93	13.29	ppb
Molybdenum	98-1	2.12	1.94	1.96	2.00	4.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.16	2.24	2.21	1.87	ppb
Phosphorus	31-2	-17.91	-56.45	-24.35	-32.90		ppb
Potassium	39-2	2345.52	2367.29	2294.52	2335.78	1.60	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	77-2	3.18	0.83	0.81	1.61	84.69	ppb
Selenium	78-2	-0.05	-1.03	-1.73	-0.94		ppb
Selenium	82-1	0.21	1.36	2.78	1.45	88.65	ppb
Silicon	28-1	2237.23	2196.33	2223.01	2218.86	0.94	ppb
Silver	109-1	0.06	0.07	0.05	0.06	9.87	ppb
Silver	107-1	0.05	0.04	0.05	0.05	9.97	ppb
Sodium	23-2	6475.67	6402.08	6498.91	6458.89	0.78	ppb
Strontium	86-1	74.12	76.50	75.46	75.36	1.59	ppb
Strontium	88-1	77.15	77.82	78.19	77.72	0.68	ppb
Sulfur	34-1	-3842.53	-5262.75	-4602.39	-4569.22		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.00	0.01	0.01	127.78	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	22.89	ppb
Tin	118-1	4.18	4.14	4.24	4.19	1.12	ppb
Titanium	47-1	13.91	13.76	13.36	13.68	2.07	ppb
Uranium	238-1	0.12	0.12	0.09	0.11	13.74	ppb
Vanadium	51-2	2.81	2.87	2.70	2.79	3.24	ppb
Yttrium	89-1				111		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:12:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	28.54	28.38	28.20	28.38	0.60	ppb
Zirconium	90-1	0.11	0.50	0.15	0.25	85.34	ppb
Zirconium	91-1	0.10	0.11	0.10	0.10	3.27	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:17:47	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48515.92	48480.60	48193.78	48396.77	0.37	ppb
Antimony	121-1	450.81	466.25	475.64	464.23	2.70	ppb
Arsenic	75-2	479.64	478.49	474.44	477.52	0.57	ppb
Barium	135-1	2399.08	2491.58	2520.62	2470.43	2.57	ppb
Barium	137-1	2487.30	2530.72	2514.30	2510.77	0.87	ppb
Beryllium	9-1	518.52	530.39	529.94	526.28	1.28	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Boron	11-1	405.08	464.34	498.41	455.95	10.36	ppb
Boron	10-1	398.88	464.02	496.14	453.02	10.94	ppb
Bromine	81-1						cps
Cadmium	106-1	467.51	473.51	484.45	475.16	1.81	ppb
Cadmium	108-1	461.47	472.08	489.18	474.24	2.95	ppb
Cadmium	111-1	468.59	474.04	479.19	473.94	1.12	ppb
Calcium	43-1	240560.54	236432.20	241651.07	239547.94	1.15	ppb
Calcium	44-1	241789.06	245264.56	241263.10	242772.24	0.90	ppb
Chromium	52-2	506.83	505.90	501.36	504.70	0.58	ppb
Cobalt	59-2	503.49	506.71	489.88	500.03	1.79	ppb
Copper	63-2	991.17	989.62	972.43	984.41	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				111		%
Indium	115-1				117		%
Indium	115-2				106		%
Iron	54-2	123238.98	124282.50	120844.12	122788.53	1.44	ppb
Iron	56-2	123399.42	122467.28	119558.63	121808.44	1.64	ppb
Iron	57-2	124326.12	124899.13	123324.51	124183.25	0.64	ppb
Krypton	83-1						cps
Lead	207-1	479.98	492.65	501.13	491.26	2.17	ppb
Lead	208-1	482.00	495.27	501.68	492.98	2.04	ppb
Lead	206-1	473.81	484.33	490.66	482.93	1.76	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:17:47	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				123		%
Magnesium	24-2	243112.30	242335.00	235441.60	240296.30	1.76	ppb
Manganese	55-2	1004.17	997.13	960.71	987.34	2.36	ppb
Molybdenum	94-1	2475.54	2434.23	2554.55	2488.11	2.46	ppb
Molybdenum	95-1	2522.45	2389.77	2547.72	2486.65	3.41	ppb
Molybdenum	96-1	2535.62	2421.67	2521.33	2492.87	2.49	ppb
Molybdenum	97-1	2413.39	2406.08	2545.98	2455.15	3.21	ppb
Molybdenum	98-1	2490.12	2406.58	2532.78	2476.49	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.49	502.77	497.30	502.19	0.92	ppb
Phosphorus	31-2	9654.78	9657.60	9109.51	9473.96	3.33	ppb
Potassium	39-2	119085.20	119785.75	116501.56	118457.50	1.46	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				102		%
Selenium	77-2	483.52	528.34	463.06	491.64	6.79	ppb
Selenium	78-2	480.56	460.99	467.30	469.62	2.13	ppb
Selenium	82-1	476.13	467.17	483.92	475.74	1.76	ppb
Silicon	28-1	419.72	418.46	452.69	430.29	4.51	ppb
Silver	109-1	478.20	486.77	493.19	486.05	1.55	ppb
Silver	107-1	464.74	479.19	485.18	476.37	2.21	ppb
Sodium	23-2	241120.75	238686.73	231702.83	237170.10	2.06	ppb
Strontium	86-1	479.15	473.53	495.90	482.86	2.41	ppb
Strontium	88-1	492.47	494.71	506.05	497.74	1.46	ppb
Sulfur	34-1	7076.33	5470.02	6504.19	6350.18	12.82	ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	475.19	498.56	496.00	489.91	2.62	ppb
Thallium	205-1	477.43	500.48	502.61	493.51	2.83	ppb
Tin	118-1	483.71	485.73	494.46	487.97	1.17	ppb
Titanium	47-1	2428.77	2437.44	2447.41	2437.87	0.38	ppb
Uranium	238-1	494.97	508.77	507.57	503.77	1.52	ppb
Vanadium	51-2	502.98	507.95	489.11	500.02	1.95	ppb
Yttrium	89-1				116		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:17:47	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	988.99	983.55	968.88	980.48	1.06	ppb
Zirconium	90-1	497.86	492.67	499.36	496.63	0.71	ppb
Zirconium	91-1	490.19	482.94	498.87	490.67	1.63	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:22:21	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	4.10	0.51	1.90	101.82	ppb
Antimony	121-1	0.04	0.06	0.06	0.05	15.70	ppb
Arsenic	75-2	-0.05	-0.07	-0.04	-0.05		ppb
Barium	135-1	-0.01	0.04	0.05	0.03	126.31	ppb
Barium	137-1	0.01	0.03	0.03	0.02	54.43	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	32.21	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	11-1	50.88	50.54	48.78	50.07	2.25	ppb
Boron	10-1	52.69	46.67	45.16	48.17	8.27	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.57	-2.29	-0.21	-1.36		ppb
Cadmium	108-1	0.17	0.17	0.24	0.19	19.25	ppb
Cadmium	111-1	-0.08	-0.12	-0.03	-0.07		ppb
Calcium	43-1	8.50	8.73	0.62	5.95	77.56	ppb
Calcium	44-1	-53.75	-72.46	-64.98	-63.73		ppb
Chromium	52-2	0.28	0.23	0.32	0.28	16.49	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.06	0.05	0.11	0.07	43.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	54-2	2.44	3.41	2.54	2.80	19.18	ppb
Iron	56-2	1.95	2.08	1.60	1.88	13.35	ppb
Iron	57-2	5.72	6.78	2.52	5.01	44.25	ppb
Krypton	83-1						cps
Lead	207-1	0.01	0.02	0.04	0.03	48.69	ppb
Lead	208-1	0.03	0.04	0.04	0.03	9.70	ppb
Lead	206-1	0.04	0.03	0.05	0.04	17.93	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:22:21	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	3.93	0.98	2.09	2.33	63.96	ppb
Manganese	55-2	-0.02	0.12	0.00	0.03	223.23	ppb
Molybdenum	94-1	0.08	0.09	0.05	0.08	29.27	ppb
Molybdenum	95-1	0.07	0.05	0.04	0.05	22.62	ppb
Molybdenum	96-1	0.09	0.05	0.13	0.09	42.08	ppb
Molybdenum	97-1	0.07	0.04	0.02	0.04	63.40	ppb
Molybdenum	98-1	0.07	0.04	0.03	0.05	37.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	0.02	0.01	-0.02		ppb
Phosphorus	31-2	-65.45	-37.96	-63.44	-55.62		ppb
Potassium	39-2	-49.23	-67.85	-63.44	-60.18		ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	77-2	-1.57	-1.57	0.76	-0.79		ppb
Selenium	78-2	-1.15	-0.59	-0.61	-0.79		ppb
Selenium	82-1	0.01	0.87	3.29	1.39	122.73	ppb
Silicon	28-1	-20.04	-29.14	-27.89	-25.69		ppb
Silver	109-1	0.03	0.03	0.02	0.02	25.60	ppb
Silver	107-1	0.04	0.04	0.02	0.03	29.67	ppb
Sodium	23-2	-144.39	-142.40	-138.98	-141.92		ppb
Strontium	86-1	0.04	-0.27	0.04	-0.06		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	4.38	ppb
Sulfur	34-1	-2461.47	-3631.68	-3597.23	-3230.13		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.03	0.04	0.04	8.36	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	10.97	ppb
Tin	118-1	0.08	0.07	0.06	0.07	19.43	ppb
Titanium	47-1	-0.07	-0.08	-0.20	-0.12		ppb
Uranium	238-1	-0.01	0.00	-0.01	0.00		ppb
Vanadium	51-2	-0.01	0.01	0.05	0.02	162.53	ppb
Yttrium	89-1				108		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:22:21	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.10	-0.06	0.04	0.02	320.84	ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	211.95	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	18.92	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:28:10	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1983.37	2017.42	2011.91	2004.23	0.91	ppb
Antimony	121-1	0.69	0.86	1.04	0.87	20.04	ppb
Arsenic	75-2	1.66	1.78	1.58	1.67	6.05	ppb
Barium	135-1	34.87	34.43	33.64	34.31	1.81	ppb
Barium	137-1	36.84	33.79	35.55	35.40	4.33	ppb
Beryllium	9-1	0.20	0.21	0.15	0.19	16.51	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	11-1	33.04	32.90	32.44	32.79	0.95	ppb
Boron	10-1	34.27	32.22	29.29	31.93	7.84	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.62	1.24	-0.95	-0.45		ppb
Cadmium	108-1	0.19	0.17	0.18	0.18	4.71	ppb
Cadmium	111-1	-0.02	0.12	0.00	0.03	237.51	ppb
Calcium	43-1	13147.78	12426.67	12816.91	12797.12	2.82	ppb
Calcium	44-1	13490.71	12873.79	12890.48	13084.99	2.69	ppb
Chromium	52-2	8.00	7.82	7.92	7.91	1.17	ppb
Cobalt	59-2	4.21	4.38	4.26	4.28	2.07	ppb
Copper	63-2	12.57	12.96	13.41	12.98	3.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	12435.96	12514.12	12814.79	12588.29	1.59	ppb
Iron	56-2	12521.20	12557.11	12809.09	12629.13	1.24	ppb
Iron	57-2	12280.21	12602.47	12649.96	12510.88	1.61	ppb
Krypton	83-1						cps
Lead	207-1	4.93	4.80	4.68	4.80	2.67	ppb
Lead	208-1	5.10	4.83	4.74	4.89	3.81	ppb
Lead	206-1	5.22	5.09	4.87	5.06	3.52	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:28:10	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	2306.92	2321.69	2312.09	2313.56	0.32	ppb
Manganese	55-2	348.15	356.12	363.12	355.80	2.10	ppb
Molybdenum	94-1	1.63	1.60	1.87	1.70	8.44	ppb
Molybdenum	95-1	0.62	0.75	0.55	0.64	16.39	ppb
Molybdenum	96-1	0.82	0.79	0.87	0.82	4.70	ppb
Molybdenum	97-1	0.69	0.58	0.64	0.64	8.84	ppb
Molybdenum	98-1	0.63	0.63	0.56	0.61	7.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.71	8.30	8.80	8.60	3.12	ppb
Phosphorus	31-2	167.50	-60.39	168.64	91.92	143.50	ppb
Potassium	39-2	2079.69	2149.68	2258.17	2162.52	4.16	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	77-2	5.43	0.78	3.10	3.10	74.93	ppb
Selenium	78-2	-0.20	1.96	-1.87	-0.03		ppb
Selenium	82-1	0.02	4.08	1.04	1.71	123.26	ppb
Silicon	28-1	2763.12	2671.71	2700.72	2711.85	1.72	ppb
Silver	109-1	0.05	0.04	0.05	0.05	9.78	ppb
Silver	107-1	0.04	0.05	0.04	0.04	15.61	ppb
Sodium	23-2	31286.28	30872.16	30991.84	31050.09	0.69	ppb
Strontium	86-1	56.30	56.77	56.60	56.56	0.42	ppb
Strontium	88-1	58.18	56.94	57.64	57.59	1.08	ppb
Sulfur	34-1	2203.73	729.41	52.92	995.35	110.49	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.14	0.14	0.11	0.13	14.64	ppb
Thallium	205-1	0.16	0.12	0.14	0.14	12.14	ppb
Tin	118-1	0.49	0.44	0.52	0.48	8.73	ppb
Titanium	47-1	163.72	161.10	153.83	159.55	3.21	ppb
Uranium	238-1	0.24	0.22	0.23	0.23	3.77	ppb
Vanadium	51-2	9.97	11.01	9.95	10.31	5.86	ppb
Yttrium	89-1				106		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:28:10	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	12.53	12.81	12.87	12.74	1.45	ppb
Zirconium	90-1	0.83	0.93	0.82	0.86	7.00	ppb
Zirconium	91-1	0.94	0.85	1.42	1.07	28.85	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:30:58	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1831.51	1814.10	1803.61	1816.40	0.78	ppb
Antimony	121-1	0.70	0.99	0.97	0.89	18.69	ppb
Arsenic	75-2	1.67	1.56	1.58	1.60	3.72	ppb
Barium	135-1	32.13	31.29	31.79	31.73	1.33	ppb
Barium	137-1	32.53	31.48	30.91	31.64	2.61	ppb
Beryllium	9-1	0.13	0.12	0.12	0.12	7.26	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Boron	11-1	25.28	26.47	26.79	26.18	3.04	ppb
Boron	10-1	26.16	24.16	24.86	25.06	4.03	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.76	-1.49	-2.50	-1.58		ppb
Cadmium	108-1	0.36	0.17	0.10	0.21	63.77	ppb
Cadmium	111-1	-0.01	0.00	-0.12	-0.04		ppb
Calcium	43-1	11762.73	12238.63	11757.33	11919.56	2.32	ppb
Calcium	44-1	12043.73	12364.87	12390.97	12266.52	1.58	ppb
Chromium	52-2	7.92	7.93	8.36	8.07	3.13	ppb
Cobalt	59-2	4.03	4.02	4.14	4.06	1.72	ppb
Copper	63-2	12.37	11.97	12.68	12.34	2.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				99		%
Iron	54-2	11893.29	11730.30	12153.83	11925.80	1.79	ppb
Iron	56-2	11583.15	11913.86	12293.30	11930.10	2.98	ppb
Iron	57-2	11686.93	11695.89	12289.95	11890.93	2.91	ppb
Krypton	83-1						cps
Lead	207-1	4.42	4.38	4.51	4.44	1.43	ppb
Lead	208-1	4.38	4.34	4.53	4.42	2.20	ppb
Lead	206-1	4.41	4.49	4.82	4.57	4.69	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:30:58	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				129		%
Magnesium	24-2	2186.88	2198.83	2238.22	2207.98	1.22	ppb
Manganese	55-2	343.25	335.76	351.24	343.41	2.25	ppb
Molybdenum	94-1	1.59	1.53	1.63	1.58	3.15	ppb
Molybdenum	95-1	0.54	0.58	0.61	0.58	6.33	ppb
Molybdenum	96-1	0.76	0.73	0.83	0.77	6.73	ppb
Molybdenum	97-1	0.59	0.54	0.68	0.60	11.36	ppb
Molybdenum	98-1	0.51	0.63	0.57	0.57	10.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.13	8.05	8.41	8.20	2.29	ppb
Phosphorus	31-2	84.36	64.41	113.68	87.48	28.33	ppb
Potassium	39-2	2033.07	1975.85	2115.10	2041.34	3.43	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				94		%
Selenium	77-2	-1.57	5.54	0.88	1.62	223.30	ppb
Selenium	78-2	-3.88	-0.70	-0.45	-1.68		ppb
Selenium	82-1	0.30	-1.47	1.16	-0.01		ppb
Silicon	28-1	2253.41	2428.38	2337.13	2339.64	3.74	ppb
Silver	109-1	0.04	0.06	0.05	0.05	18.23	ppb
Silver	107-1	0.08	0.05	0.06	0.06	26.53	ppb
Sodium	23-2	29941.99	29567.69	31381.64	30297.11	3.16	ppb
Strontium	86-1	52.46	54.01	53.82	53.43	1.58	ppb
Strontium	88-1	53.68	53.99	55.00	54.22	1.28	ppb
Sulfur	34-1	-1903.97	-656.08	-1716.79	-1425.62		ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.06	0.14	0.09	46.21	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	9.40	ppb
Tin	118-1	0.63	0.53	0.64	0.60	10.37	ppb
Titanium	47-1	133.93	141.02	136.38	137.11	2.62	ppb
Uranium	238-1	0.20	0.20	0.16	0.19	12.13	ppb
Vanadium	51-2	8.97	9.53	9.88	9.46	4.87	ppb
Yttrium	89-1				110		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:30:58	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	11.92	12.61	12.68	12.40	3.41	ppb
Zirconium	90-1	0.80	0.71	0.78	0.76	6.22	ppb
Zirconium	91-1	0.79	0.70	0.87	0.79	10.48	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:33:48	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.30	6.95	11.52	6.92	66.61	ppb
Antimony	121-1	0.29	0.37	0.37	0.34	14.50	ppb
Arsenic	75-2	0.38	0.46	0.54	0.46	17.47	ppb
Barium	135-1	31.32	32.54	31.27	31.71	2.28	ppb
Barium	137-1	33.04	32.62	30.80	32.15	3.71	ppb
Beryllium	9-1	-0.01	0.02	-0.01	0.00	2507.91	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	11-1	48.82	50.98	55.14	51.65	6.22	ppb
Boron	10-1	47.47	48.96	55.10	50.51	8.01	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.03	-1.87	-2.44	-2.11		ppb
Cadmium	108-1	0.04	0.17	0.17	0.13	56.98	ppb
Cadmium	111-1	-0.11	-0.14	-0.16	-0.14		ppb
Calcium	43-1	19187.81	18008.35	18123.82	18439.99	3.53	ppb
Calcium	44-1	18913.60	18490.48	18734.39	18712.82	1.13	ppb
Chromium	52-2	0.65	0.26	0.61	0.51	42.50	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.32	0.23	0.37	0.31	23.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				100		%
Iron	54-2	3.21	1.89	5.76	3.62	54.45	ppb
Iron	56-2	2.24	2.05	2.58	2.29	11.82	ppb
Iron	57-2	9.91	5.08	6.32	7.10	35.35	ppb
Krypton	83-1						cps
Lead	207-1	0.05	0.05	0.05	0.05	2.31	ppb
Lead	208-1	0.05	0.05	0.04	0.05	9.52	ppb
Lead	206-1	0.09	0.05	0.06	0.07	33.69	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:33:48	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				129		%
Magnesium	24-2	2720.64	2663.13	2666.75	2683.51	1.20	ppb
Manganese	55-2	0.42	0.30	0.33	0.35	17.29	ppb
Molybdenum	94-1	0.25	0.21	0.22	0.23	10.77	ppb
Molybdenum	95-1	0.24	0.21	0.28	0.24	14.62	ppb
Molybdenum	96-1	0.37	0.29	0.31	0.32	12.15	ppb
Molybdenum	97-1	0.28	0.29	0.24	0.27	9.22	ppb
Molybdenum	98-1	0.32	0.34	0.31	0.33	5.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.22	0.25	0.26	17.94	ppb
Phosphorus	31-2	-151.44	-150.13	-138.18	-146.58		ppb
Potassium	39-2	382.12	352.00	409.21	381.11	7.51	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	77-2	0.85	-1.57	-1.57	-0.76		ppb
Selenium	78-2	-1.39	0.36	-0.39	-0.47		ppb
Selenium	82-1	-0.76	-1.89	-0.38	-1.01		ppb
Silicon	28-1	1744.62	1634.89	1653.91	1677.81	3.49	ppb
Silver	109-1	0.04	0.03	0.05	0.04	23.95	ppb
Silver	107-1	0.04	0.04	0.07	0.05	27.51	ppb
Sodium	23-2	9964.51	9842.70	9970.23	9925.81	0.73	ppb
Strontium	86-1	107.64	103.42	104.20	105.09	2.14	ppb
Strontium	88-1	111.20	106.42	108.40	108.67	2.21	ppb
Sulfur	34-1	2591.92	-965.70	-1604.67	7.18	31473.00	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.00	0.01	0.01	135.24	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	61.95	ppb
Tin	118-1	0.26	0.28	0.34	0.30	13.37	ppb
Titanium	47-1	0.03	0.35	0.12	0.17	97.89	ppb
Uranium	238-1	0.16	0.16	0.16	0.16	2.82	ppb
Vanadium	51-2	0.10	0.09	0.20	0.13	46.93	ppb
Yttrium	89-1				106		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:33:48	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	1.00	0.67	1.19	0.95	27.27	ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.05	0.01	0.03	0.03	73.96	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:49:34	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.47	40.01	40.38	39.62	2.55	ppb
Antimony	121-1	0.03	0.05	0.05	0.04	24.02	ppb
Arsenic	75-2	0.33	0.39	0.34	0.35	8.60	ppb
Barium	135-1	8.99	8.77	8.74	8.83	1.56	ppb
Barium	137-1	9.03	8.92	9.00	8.98	0.63	ppb
Beryllium	9-1	-0.03	-0.01	0.01	-0.01		ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	11-1	13.66	13.50	13.97	13.71	1.74	ppb
Boron	10-1	13.29	14.91	14.35	14.18	5.83	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.19	-2.17	-1.01	-1.46		ppb
Cadmium	108-1	0.11	0.04	0.04	0.07	59.94	ppb
Cadmium	111-1	-0.10	-0.17	-0.07	-0.11		ppb
Calcium	43-1	2827.06	2792.08	2766.62	2795.26	1.09	ppb
Calcium	44-1	2816.80	2780.03	2691.00	2762.61	2.34	ppb
Chromium	52-2	0.51	0.32	0.45	0.43	22.32	ppb
Cobalt	59-2	0.07	0.07	0.05	0.06	16.33	ppb
Copper	63-2	0.79	0.78	0.72	0.76	4.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	375.98	376.11	366.92	373.00	1.41	ppb
Iron	56-2	365.59	370.98	362.96	366.51	1.12	ppb
Iron	57-2	357.36	374.68	400.99	377.68	5.82	ppb
Krypton	83-1						cps
Lead	207-1	3.23	3.13	3.31	3.22	2.84	ppb
Lead	208-1	3.30	3.21	3.26	3.26	1.27	ppb
Lead	206-1	3.37	3.43	3.34	3.38	1.31	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:49:34	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	490.14	477.83	489.52	485.83	1.43	ppb
Manganese	55-2	33.73	33.11	34.90	33.91	2.68	ppb
Molybdenum	94-1	0.33	0.35	0.34	0.34	2.72	ppb
Molybdenum	95-1	0.36	0.40	0.35	0.37	6.31	ppb
Molybdenum	96-1	0.42	0.44	0.36	0.41	10.57	ppb
Molybdenum	97-1	0.46	0.33	0.37	0.39	16.63	ppb
Molybdenum	98-1	0.42	0.41	0.36	0.40	8.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.27	0.26	0.25	10.30	ppb
Phosphorus	31-2	-120.70	-177.20	-117.14	-138.35		ppb
Potassium	39-2	417.07	405.29	378.59	400.32	4.92	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	-1.57	3.16	3.15	1.58	172.43	ppb
Selenium	78-2	-0.59	-2.21	-2.22	-1.67		ppb
Selenium	82-1	0.30	-0.14	-0.28	-0.04		ppb
Silicon	28-1	391.97	369.72	356.73	372.81	4.78	ppb
Silver	109-1	0.01	0.01	0.02	0.02	42.57	ppb
Silver	107-1	0.01	0.01	0.01	0.01	32.56	ppb
Sodium	23-2	1084.02	1111.26	1154.80	1116.70	3.20	ppb
Strontium	86-1	15.28	15.27	14.53	15.03	2.85	ppb
Strontium	88-1	14.77	14.92	14.94	14.88	0.63	ppb
Sulfur	34-1	-2293.59	-3238.98	-4292.92	-3275.16		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.01	0.02	0.00	272.73	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	27.49	ppb
Tin	118-1	0.41	0.41	0.38	0.40	4.75	ppb
Titanium	47-1	1.19	1.22	0.75	1.05	24.88	ppb
Uranium	238-1	0.02	0.00	0.01	0.01	112.07	ppb
Vanadium	51-2	0.24	0.32	0.25	0.27	14.07	ppb
Yttrium	89-1				106		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:49:34	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2.40	2.47	2.30	2.39	3.49	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	608.72	ppb
Zirconium	91-1	0.01	0.01	0.03	0.01	92.85	ppb

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01DUPDL2X25 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5DUPDL Dilution Factor : 25
 Date & Time Acquired :: 2020-01-23 16:52:22 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.88	34.96	35.39	36.08	4.36	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	14.27	ppb
Arsenic	75-2	0.38	0.34	0.22	0.32	26.01	ppb
Barium	135-1	8.43	8.43	9.72	8.86	8.39	ppb
Barium	137-1	8.97	9.02	9.87	9.29	5.40	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	11-1	12.66	13.55	15.39	13.87	10.06	ppb
Boron	10-1	13.91	13.38	12.37	13.22	5.91	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.39	-1.50	-2.31	-1.40		ppb
Cadmium	108-1	0.11	-0.02	0.19	0.09	117.33	ppb
Cadmium	111-1	-0.05	-0.11	-0.18	-0.11		ppb
Calcium	43-1	2843.86	2785.57	3106.87	2912.10	5.88	ppb
Calcium	44-1	2788.76	2821.19	3035.67	2881.87	4.66	ppb
Chromium	52-2	0.97	0.51	0.60	0.69	35.14	ppb
Cobalt	59-2	0.06	0.07	0.07	0.07	7.24	ppb
Copper	63-2	0.80	0.74	0.75	0.77	4.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	370.54	381.11	376.88	376.18	1.41	ppb
Iron	56-2	375.61	372.74	376.70	375.02	0.55	ppb
Iron	57-2	382.78	376.28	379.91	379.66	0.86	ppb
Krypton	83-1						cps
Lead	207-1	3.51	3.41	3.59	3.50	2.67	ppb
Lead	208-1	3.36	3.32	3.60	3.43	4.37	ppb
Lead	206-1	3.49	3.51	3.71	3.57	3.38	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUPDL	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:52:22	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	511.80	518.51	471.47	500.59	5.08	ppb
Manganese	55-2	35.55	35.40	34.84	35.26	1.07	ppb
Molybdenum	94-1	0.31	0.30	0.35	0.32	8.77	ppb
Molybdenum	95-1	0.29	0.38	0.44	0.37	21.12	ppb
Molybdenum	96-1	0.44	0.44	0.40	0.43	5.13	ppb
Molybdenum	97-1	0.47	0.38	0.45	0.44	10.59	ppb
Molybdenum	98-1	0.34	0.48	0.41	0.41	16.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.31	0.26	0.30	14.80	ppb
Phosphorus	31-2	-136.65	-68.28	-68.60	-91.18		ppb
Potassium	39-2	414.80	447.68	400.48	420.98	5.75	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	77-2	3.18	-1.57	-1.57	0.02	18081.90	ppb
Selenium	78-2	-1.76	-0.49	-1.36	-1.20		ppb
Selenium	82-1	-0.08	-1.36	1.06	-0.13		ppb
Silicon	28-1	366.35	359.92	422.91	383.06	9.05	ppb
Silver	109-1	0.00	0.02	0.02	0.01	62.61	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.63	ppb
Sodium	23-2	1113.41	1176.42	1161.66	1150.49	2.86	ppb
Strontium	86-1	14.74	14.79	16.17	15.23	5.31	ppb
Strontium	88-1	15.00	15.14	15.94	15.36	3.28	ppb
Sulfur	34-1	-3154.71	-4278.18	-688.44	-2707.11		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.01	126.31	ppb
Tin	118-1	0.40	0.34	0.35	0.37	9.03	ppb
Titanium	47-1	0.92	0.90	1.93	1.25	46.79	ppb
Uranium	238-1	0.02	-0.01	0.00	0.00	228.03	ppb
Vanadium	51-2	0.31	0.21	0.25	0.26	20.02	ppb
Yttrium	89-1				105		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUPDL	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:52:22	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	3.22	2.89	2.75	2.95	8.23	ppb
Zirconium	90-1	-0.01	0.00	-0.02	-0.01		ppb
Zirconium	91-1	0.00	0.02	0.03	0.02	95.86	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL2	Dilution Factor :	125
Date & Time Acquired ::	2020-01-23 16:55:13	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.12	8.98	9.41	8.83	7.42	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	29.34	ppb
Arsenic	75-2	0.02	0.02	0.06	0.03	59.29	ppb
Barium	135-1	1.93	1.78	1.94	1.88	4.86	ppb
Barium	137-1	1.51	1.70	1.73	1.65	7.25	ppb
Beryllium	9-1	-0.02	0.00	0.01	0.00		ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	11-1	9.13	9.54	9.76	9.48	3.40	ppb
Boron	10-1	8.35	8.84	7.76	8.32	6.55	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.55	-1.65	-0.68	-1.63		ppb
Cadmium	108-1	0.17	-0.02	0.11	0.09	116.52	ppb
Cadmium	111-1	-0.22	-0.12	-0.07	-0.13		ppb
Calcium	43-1	579.85	590.61	583.32	584.59	0.94	ppb
Calcium	44-1	491.85	513.63	498.30	501.26	2.23	ppb
Chromium	52-2	0.30	0.44	0.21	0.32	36.54	ppb
Cobalt	59-2	0.01	-0.02	0.00	0.00		ppb
Copper	63-2	0.18	0.27	0.18	0.21	23.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	54-2	80.53	72.19	79.87	77.53	5.98	ppb
Iron	56-2	76.84	75.71	73.29	75.28	2.41	ppb
Iron	57-2	72.44	76.42	73.47	74.11	2.79	ppb
Krypton	83-1						cps
Lead	207-1	0.62	0.64	0.70	0.65	6.77	ppb
Lead	208-1	0.67	0.71	0.69	0.69	2.63	ppb
Lead	206-1	0.64	0.72	0.74	0.70	7.82	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL2	Dilution Factor :	125
Date & Time Acquired ::	2020-01-23 16:55:13	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	109.61	98.55	100.74	102.97	5.69	ppb
Manganese	55-2	7.24	7.36	7.19	7.26	1.19	ppb
Molybdenum	94-1	0.05	0.01	0.04	0.03	66.35	ppb
Molybdenum	95-1	0.06	0.04	0.07	0.06	24.19	ppb
Molybdenum	96-1	0.11	0.07	0.12	0.10	24.89	ppb
Molybdenum	97-1	0.08	0.08	0.02	0.06	64.49	ppb
Molybdenum	98-1	0.08	0.06	0.05	0.06	24.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.02	0.02	0.03	67.23	ppb
Phosphorus	31-2	-74.07	-50.79	-148.53	-91.13		ppb
Potassium	39-2	23.82	9.28	42.93	25.34	66.59	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	-1.57	-1.57	-1.57	-1.57		ppb
Selenium	78-2	-0.90	-0.72	-0.62	-0.74		ppb
Selenium	82-1	-1.01	2.68	-0.20	0.49	395.59	ppb
Silicon	28-1	68.18	80.68	73.36	74.07	8.48	ppb
Silver	109-1	0.00	0.01	0.01	0.01	63.20	ppb
Silver	107-1	0.02	0.02	0.01	0.02	21.86	ppb
Sodium	23-2	115.83	99.91	97.02	104.25	9.72	ppb
Strontium	86-1	2.92	2.72	2.71	2.78	4.25	ppb
Strontium	88-1	2.99	2.99	2.93	2.97	1.11	ppb
Sulfur	34-1	-3901.99	-2484.60	-3816.13	-3400.91		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	50.43	ppb
Tin	118-1	0.07	0.04	0.08	0.06	31.88	ppb
Titanium	47-1	0.12	0.61	-0.15	0.19	198.10	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.06	0.07	0.06	0.07	9.21	ppb
Yttrium	89-1				108		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL2	Dilution Factor :	125
Date & Time Acquired ::	2020-01-23 16:55:13	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.36	0.57	0.33	0.42	31.17	ppb
Zirconium	90-1	-0.01	-0.01	-0.02	-0.01		ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00		ppb

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01MSDL2X25 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5MSDL2 Dilution Factor : 25
 Date & Time Acquired :: 2020-01-23 16:58:01 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	482.00	444.94	449.97	458.97	4.38	ppb
Antimony	121-1	24.01	24.03	24.06	24.04	0.10	ppb
Arsenic	75-2	24.53	24.20	24.61	24.45	0.88	ppb
Barium	135-1	114.72	115.99	115.15	115.29	0.56	ppb
Barium	137-1	118.10	114.47	116.11	116.22	1.56	ppb
Beryllium	9-1	22.36	22.40	21.51	22.09	2.28	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	11-1	25.20	27.33	29.58	27.37	8.01	ppb
Boron	10-1	24.73	26.24	27.78	26.25	5.82	ppb
Bromine	81-1						cps
Cadmium	106-1	19.90	23.58	24.69	22.72	11.04	ppb
Cadmium	108-1	23.76	22.88	23.03	23.22	2.04	ppb
Cadmium	111-1	24.15	23.22	24.27	23.88	2.40	ppb
Calcium	43-1	4785.77	4942.95	5170.08	4966.27	3.89	ppb
Calcium	44-1	4884.12	4965.64	5161.48	5003.75	2.85	ppb
Chromium	52-2	24.79	24.74	23.76	24.43	2.37	ppb
Cobalt	59-2	25.24	24.86	25.52	25.21	1.33	ppb
Copper	63-2	46.28	46.19	47.23	46.56	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	1507.97	1475.57	1510.61	1498.05	1.30	ppb
Iron	56-2	1487.24	1450.68	1501.07	1479.67	1.76	ppb
Iron	57-2	1477.28	1400.77	1534.24	1470.77	4.55	ppb
Krypton	83-1						cps
Lead	207-1	27.43	28.20	28.34	27.99	1.76	ppb
Lead	208-1	26.78	27.39	27.59	27.26	1.54	ppb
Lead	206-1	26.43	27.43	27.80	27.22	2.61	ppb

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01MSDL2X25 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5MSDL2 Dilution Factor : 25
 Date & Time Acquired :: 2020-01-23 16:58:01 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	2566.41	2568.58	2613.88	2582.96	1.04	ppb
Manganese	55-2	80.84	79.46	81.58	80.63	1.33	ppb
Molybdenum	94-1	106.15	109.93	106.66	107.58	1.91	ppb
Molybdenum	95-1	107.41	108.84	107.47	107.90	0.75	ppb
Molybdenum	96-1	104.55	107.82	107.26	106.54	1.64	ppb
Molybdenum	97-1	107.13	107.36	109.66	108.05	1.30	ppb
Molybdenum	98-1	106.85	108.84	108.59	108.09	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.03	26.12	25.70	25.95	0.86	ppb
Phosphorus	31-2	-177.35	-103.70	-100.43	-127.16		ppb
Potassium	39-2	1446.08	1488.28	1491.84	1475.40	1.73	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	7.85	31.11	23.87	20.94	56.85	ppb
Selenium	78-2	22.68	21.16	21.08	21.64	4.16	ppb
Selenium	82-1	23.48	21.62	26.53	23.88	10.38	ppb
Silicon	28-1	422.14	406.51	453.65	427.43	5.62	ppb
Silver	109-1	21.54	21.13	20.84	21.17	1.66	ppb
Silver	107-1	21.63	21.02	21.35	21.33	1.42	ppb
Sodium	23-2	3217.40	3210.08	3228.37	3218.62	0.29	ppb
Strontium	86-1	36.28	36.77	37.51	36.85	1.69	ppb
Strontium	88-1	37.41	38.60	37.58	37.86	1.71	ppb
Sulfur	34-1	-3491.97	-3919.82	-1597.23	-3003.01		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	23.21	23.36	23.33	23.30	0.34	ppb
Thallium	205-1	23.41	23.47	23.83	23.57	0.98	ppb
Tin	118-1	22.38	22.82	21.62	22.28	2.72	ppb
Titanium	47-1	107.91	107.40	110.38	108.56	1.47	ppb
Uranium	238-1	22.70	23.15	23.18	23.01	1.17	ppb
Vanadium	51-2	24.23	24.41	24.06	24.23	0.72	ppb
Yttrium	89-1				109		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:58:01	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	48.66	46.80	47.52	47.66	1.97	ppb
Zirconium	90-1	22.32	22.78	22.47	22.52	1.06	ppb
Zirconium	91-1	21.34	21.87	22.24	21.81	2.07	ppb

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01MSDDL2X25 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5MSDDI Dilution Factor : 25
 Date & Time Acquired :: 2020-01-23 17:00:52 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	463.87	486.80	456.73	469.13	3.35	ppb
Antimony	121-1	22.66	23.28	22.82	22.92	1.39	ppb
Arsenic	75-2	24.69	26.67	23.68	25.01	6.09	ppb
Barium	135-1	110.77	109.09	110.03	109.96	0.77	ppb
Barium	137-1	111.32	109.42	109.19	109.98	1.06	ppb
Beryllium	9-1	21.25	21.94	21.46	21.55	1.63	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	11-1	25.68	30.15	31.38	29.07	10.32	ppb
Boron	10-1	23.96	29.03	30.78	27.92	12.69	ppb
Bromine	81-1						cps
Cadmium	106-1	21.32	22.26	23.11	22.23	4.04	ppb
Cadmium	108-1	22.55	23.09	21.19	22.27	4.40	ppb
Cadmium	111-1	22.26	22.36	22.34	22.32	0.24	ppb
Calcium	43-1	4659.95	4772.34	4830.82	4754.37	1.83	ppb
Calcium	44-1	4727.64	4823.01	4917.33	4822.66	1.97	ppb
Chromium	52-2	23.86	25.69	23.94	24.50	4.24	ppb
Cobalt	59-2	24.14	25.77	24.22	24.71	3.73	ppb
Copper	63-2	44.14	46.60	43.25	44.66	3.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	1425.91	1534.88	1439.52	1466.77	4.05	ppb
Iron	56-2	1425.56	1510.92	1383.20	1439.89	4.52	ppb
Iron	57-2	1410.71	1552.05	1396.79	1453.18	5.91	ppb
Krypton	83-1						cps
Lead	207-1	27.29	27.41	26.94	27.22	0.89	ppb
Lead	208-1	26.14	26.29	26.20	26.21	0.29	ppb
Lead	206-1	25.92	26.34	26.10	26.12	0.82	ppb

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01MSDDL2X25 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5MSDDI Dilution Factor : 25
 Date & Time Acquired :: 2020-01-23 17:00:52 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	2586.85	2815.01	2498.30	2633.39	6.21	ppb
Manganese	55-2	77.78	82.30	75.34	78.47	4.50	ppb
Molybdenum	94-1	104.55	105.70	109.02	106.42	2.18	ppb
Molybdenum	95-1	102.75	102.31	105.69	103.59	1.77	ppb
Molybdenum	96-1	103.30	100.75	103.52	102.52	1.50	ppb
Molybdenum	97-1	103.38	103.64	106.14	104.39	1.46	ppb
Molybdenum	98-1	102.71	101.55	105.75	103.34	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.04	26.25	25.13	25.47	2.65	ppb
Phosphorus	31-2	-180.80	1.09	-164.62	-114.78		ppb
Potassium	39-2	1432.45	1487.85	1380.69	1433.67	3.74	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	77-2	26.16	8.31	14.57	16.35	55.39	ppb
Selenium	78-2	20.03	25.56	23.69	23.10	12.18	ppb
Selenium	82-1	22.18	25.10	23.54	23.61	6.18	ppb
Silicon	28-1	394.38	419.27	415.72	409.79	3.29	ppb
Silver	109-1	20.09	19.96	20.08	20.04	0.34	ppb
Silver	107-1	20.30	20.37	19.89	20.19	1.29	ppb
Sodium	23-2	3166.11	3427.47	3099.07	3230.88	5.37	ppb
Strontium	86-1	35.34	33.93	36.30	35.19	3.39	ppb
Strontium	88-1	35.98	36.99	37.48	36.82	2.08	ppb
Sulfur	34-1	-3972.89	-2624.98	-3120.54	-3239.47		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	22.90	22.97	23.05	22.97	0.33	ppb
Thallium	205-1	22.64	22.84	22.49	22.65	0.77	ppb
Tin	118-1	21.48	20.40	20.25	20.71	3.25	ppb
Titanium	47-1	104.88	112.25	109.62	108.92	3.43	ppb
Uranium	238-1	21.97	22.70	22.19	22.29	1.68	ppb
Vanadium	51-2	23.30	25.16	22.91	23.79	5.06	ppb
Yttrium	89-1				109		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDDI	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:00:52	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	43.90	49.21	44.72	45.94	6.22	ppb
Zirconium	90-1	21.57	22.14	22.56	22.09	2.25	ppb
Zirconium	91-1	21.53	21.14	21.96	21.54	1.89	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:03:40	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	480.50	457.43	449.48	462.47	3.48	ppb
Antimony	121-1	23.62	23.84	23.66	23.71	0.49	ppb
Arsenic	75-2	25.85	24.55	25.42	25.27	2.60	ppb
Barium	135-1	115.17	115.00	114.74	114.97	0.19	ppb
Barium	137-1	114.27	114.19	116.72	115.06	1.25	ppb
Beryllium	9-1	22.45	23.80	22.86	23.04	3.02	ppb
Bismuth	209-1				121		%
Bismuth	209-2				117		%
Boron	11-1	28.56	31.99	34.22	31.59	9.02	ppb
Boron	10-1	27.31	32.33	32.31	30.65	9.43	ppb
Bromine	81-1						cps
Cadmium	106-1	23.70	21.65	24.69	23.35	6.64	ppb
Cadmium	108-1	23.76	24.23	22.44	23.48	3.94	ppb
Cadmium	111-1	23.53	23.84	24.02	23.80	1.04	ppb
Calcium	43-1	5067.34	4863.84	5115.18	5015.45	2.66	ppb
Calcium	44-1	4838.48	4954.56	5083.77	4958.94	2.47	ppb
Chromium	52-2	25.14	24.28	24.26	24.56	2.04	ppb
Cobalt	59-2	25.46	24.47	25.55	25.16	2.39	ppb
Copper	63-2	45.54	46.72	45.43	45.90	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				118		%
Indium	115-1				122		%
Indium	115-2				114		%
Iron	54-2	1511.74	1476.13	1521.37	1503.08	1.59	ppb
Iron	56-2	1473.12	1435.07	1466.71	1458.30	1.40	ppb
Iron	57-2	1476.73	1465.03	1454.44	1465.40	0.76	ppb
Krypton	83-1						cps
Lead	207-1	28.95	28.09	28.96	28.67	1.75	ppb
Lead	208-1	27.80	26.91	27.65	27.45	1.73	ppb
Lead	206-1	27.39	27.07	27.75	27.40	1.24	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:03:40	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				121		%
Magnesium	24-2	2679.69	2608.63	2576.48	2621.60	2.01	ppb
Manganese	55-2	79.38	79.63	80.15	79.72	0.50	ppb
Molybdenum	94-1	109.84	107.92	110.02	109.26	1.06	ppb
Molybdenum	95-1	106.31	105.60	105.96	105.96	0.33	ppb
Molybdenum	96-1	105.18	105.10	107.11	105.80	1.07	ppb
Molybdenum	97-1	109.24	106.49	110.09	108.60	1.73	ppb
Molybdenum	98-1	110.61	105.46	109.50	108.52	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.50	25.92	26.05	26.49	3.31	ppb
Phosphorus	31-2	-152.05	-178.60	-50.00	-126.88		ppb
Potassium	39-2	1437.44	1426.84	1465.27	1443.18	1.38	ppb
Rhodium	103-1				120		%
Rhodium	103-2				116		%
Scandium	45-1				117		%
Scandium	45-2				108		%
Selenium	77-2	36.10	21.32	17.73	25.05	38.87	ppb
Selenium	78-2	24.65	20.92	23.55	23.04	8.32	ppb
Selenium	82-1	20.99	24.61	24.93	23.51	9.30	ppb
Silicon	28-1	394.55	396.86	418.30	403.24	3.25	ppb
Silver	109-1	20.56	20.86	21.20	20.87	1.55	ppb
Silver	107-1	21.32	21.17	21.49	21.33	0.75	ppb
Sodium	23-2	3280.98	3337.37	3256.93	3291.76	1.25	ppb
Strontium	86-1	37.44	37.06	36.82	37.11	0.85	ppb
Strontium	88-1	38.27	37.47	37.97	37.90	1.07	ppb
Sulfur	34-1	-5721.04	-6279.24	-4957.30	-5652.53		ppb
Terbium	159-1				123		%
Terbium	159-2				117		%
Thallium	203-1	23.81	23.22	23.92	23.65	1.59	ppb
Thallium	205-1	24.11	23.03	23.51	23.55	2.28	ppb
Tin	118-1	21.05	21.91	21.82	21.59	2.18	ppb
Titanium	47-1	105.97	105.00	106.23	105.73	0.62	ppb
Uranium	238-1	23.44	22.67	23.27	23.13	1.74	ppb
Vanadium	51-2	23.50	23.74	24.16	23.80	1.39	ppb
Yttrium	89-1				120		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:03:40	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	45.77	47.37	49.20	47.45	3.61	ppb
Zirconium	90-1	22.88	22.30	22.86	22.68	1.46	ppb
Zirconium	91-1	23.31	21.89	21.42	22.21	4.43	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:06:30	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84.24	86.08	89.02	86.45	2.79	ppb
Antimony	121-1	0.06	0.08	0.06	0.07	19.53	ppb
Arsenic	75-2	0.88	0.81	0.94	0.88	7.90	ppb
Barium	135-1	12.43	12.01	11.83	12.09	2.55	ppb
Barium	137-1	12.57	12.51	12.35	12.48	0.94	ppb
Beryllium	9-1	0.00	0.01	0.01	0.00	131.74	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	11-1	16.71	17.12	16.41	16.75	2.12	ppb
Boron	10-1	14.18	16.88	16.33	15.79	9.04	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.82	-2.36	-1.52	-1.57		ppb
Cadmium	108-1	0.17	-0.02	-0.02	0.04	274.29	ppb
Cadmium	111-1	-0.08	-0.14	-0.10	-0.11		ppb
Calcium	43-1	2841.63	2838.95	2829.59	2836.72	0.22	ppb
Calcium	44-1	2802.89	2741.59	2809.41	2784.63	1.34	ppb
Chromium	52-2	0.45	0.54	0.59	0.53	14.01	ppb
Cobalt	59-2	0.12	0.10	0.07	0.10	26.35	ppb
Copper	63-2	1.83	1.85	1.79	1.82	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	54-2	1220.96	1216.23	1203.65	1213.61	0.74	ppb
Iron	56-2	1219.79	1201.75	1195.88	1205.81	1.03	ppb
Iron	57-2	1213.91	1261.34	1217.91	1231.05	2.14	ppb
Krypton	83-1						cps
Lead	207-1	7.73	7.88	7.69	7.77	1.27	ppb
Lead	208-1	7.84	7.85	7.82	7.84	0.19	ppb
Lead	206-1	8.28	8.00	8.29	8.19	1.96	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:06:30	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				114		%
Magnesium	24-2	497.33	491.48	479.79	489.54	1.82	ppb
Manganese	55-2	36.57	36.40	35.89	36.29	0.98	ppb
Molybdenum	94-1	0.27	0.33	0.34	0.31	12.34	ppb
Molybdenum	95-1	0.39	0.38	0.44	0.41	7.82	ppb
Molybdenum	96-1	0.36	0.35	0.41	0.37	8.60	ppb
Molybdenum	97-1	0.45	0.41	0.32	0.39	15.91	ppb
Molybdenum	98-1	0.41	0.42	0.39	0.41	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.48	0.35	0.42	14.88	ppb
Phosphorus	31-2	-76.11	-115.26	-99.02	-96.80		ppb
Potassium	39-2	403.74	368.57	355.01	375.77	6.69	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	0.76	-1.57	-1.57	-0.79		ppb
Selenium	78-2	-1.25	-2.93	-1.23	-1.81		ppb
Selenium	82-1	0.32	-2.22	-0.98	-0.96		ppb
Silicon	28-1	442.79	414.14	446.19	434.37	4.05	ppb
Silver	109-1	0.02	0.02	0.03	0.02	28.37	ppb
Silver	107-1	0.02	0.02	0.03	0.02	16.32	ppb
Sodium	23-2	1131.44	1077.54	1078.44	1095.81	2.82	ppb
Strontium	86-1	14.46	14.65	15.19	14.77	2.56	ppb
Strontium	88-1	15.20	15.43	15.86	15.50	2.17	ppb
Sulfur	34-1	-2681.42	-3745.31	-2263.86	-2896.87		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.00	0.03	0.01	102.39	ppb
Thallium	205-1	0.01	0.02	0.02	0.01	29.71	ppb
Tin	118-1	0.79	0.84	0.84	0.82	3.58	ppb
Titanium	47-1	2.98	2.98	2.17	2.71	17.17	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	60.03	ppb
Vanadium	51-2	0.49	0.47	0.54	0.50	6.97	ppb
Yttrium	89-1				109		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:06:30	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	5.72	5.27	5.62	5.54	4.22	ppb
Zirconium	90-1	0.00	0.00	0.03	0.01	149.05	ppb
Zirconium	91-1	0.01	0.02	0.05	0.03	70.19	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:31:11	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49222.44	48362.57	49049.07	48878.03	0.93	ppb
Antimony	121-1	490.94	494.57	489.11	491.54	0.57	ppb
Arsenic	75-2	486.17	487.44	483.17	485.59	0.45	ppb
Barium	135-1	2460.80	2491.91	2471.82	2474.84	0.64	ppb
Barium	137-1	2468.74	2500.64	2479.88	2483.09	0.65	ppb
Beryllium	9-1	484.18	491.72	491.35	489.08	0.87	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	11-1	448.84	509.91	541.70	500.15	9.44	ppb
Boron	10-1	436.35	501.16	551.37	496.29	11.62	ppb
Bromine	81-1						cps
Cadmium	106-1	481.30	496.37	460.68	479.45	3.74	ppb
Cadmium	108-1	466.74	466.29	475.48	469.50	1.10	ppb
Cadmium	111-1	469.41	482.97	473.50	475.29	1.46	ppb
Calcium	43-1	239679.41	241957.70	235187.64	238941.58	1.44	ppb
Calcium	44-1	241792.43	240096.19	241828.42	241239.01	0.41	ppb
Chromium	52-2	506.26	498.45	497.68	500.80	0.95	ppb
Cobalt	59-2	490.43	497.75	495.07	494.42	0.75	ppb
Copper	63-2	979.14	979.68	986.45	981.76	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	54-2	123537.07	123191.06	124586.08	123771.40	0.59	ppb
Iron	56-2	119769.26	121551.44	121296.64	120872.45	0.80	ppb
Iron	57-2	123699.52	122411.16	123081.28	123063.99	0.52	ppb
Krypton	83-1						cps
Lead	207-1	488.53	492.87	486.04	489.15	0.71	ppb
Lead	208-1	494.25	500.51	491.53	495.43	0.93	ppb
Lead	206-1	482.25	487.07	481.56	483.63	0.62	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:31:11	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	239489.38	231065.94	239165.86	236573.73	2.02	ppb
Manganese	55-2	982.52	983.61	987.81	984.64	0.28	ppb
Molybdenum	94-1	2473.12	2455.19	2454.96	2461.09	0.42	ppb
Molybdenum	95-1	2445.41	2460.54	2435.31	2447.08	0.52	ppb
Molybdenum	96-1	2473.32	2446.82	2445.89	2455.34	0.63	ppb
Molybdenum	97-1	2495.95	2414.16	2486.54	2465.55	1.82	ppb
Molybdenum	98-1	2458.43	2456.14	2437.79	2450.79	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.90	497.43	494.81	495.05	0.46	ppb
Phosphorus	31-2	9805.07	9835.06	9291.72	9643.95	3.17	ppb
Potassium	39-2	120118.28	117245.53	117917.62	118427.14	1.27	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	516.51	489.76	480.97	495.75	3.73	ppb
Selenium	78-2	482.99	487.95	489.66	486.87	0.71	ppb
Selenium	82-1	477.67	478.68	474.23	476.86	0.49	ppb
Silicon	28-1	429.98	441.19	448.36	439.84	2.11	ppb
Silver	109-1	469.19	486.03	482.62	479.28	1.86	ppb
Silver	107-1	475.68	487.58	469.19	477.48	1.95	ppb
Sodium	23-2	237434.01	231894.96	234127.72	234485.56	1.19	ppb
Strontium	86-1	490.59	483.38	472.17	482.04	1.92	ppb
Strontium	88-1	496.29	500.60	490.87	495.92	0.98	ppb
Sulfur	34-1	8569.92	8080.62	7068.64	7906.39	9.68	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	490.06	499.00	491.59	493.55	0.97	ppb
Thallium	205-1	494.61	504.73	508.56	502.63	1.43	ppb
Tin	118-1	478.18	483.62	480.67	480.83	0.57	ppb
Titanium	47-1	2443.47	2412.66	2436.97	2431.03	0.67	ppb
Uranium	238-1	502.34	510.45	506.48	506.43	0.80	ppb
Vanadium	51-2	497.67	497.25	504.27	499.73	0.79	ppb
Yttrium	89-1				112		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:31:11	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	985.91	988.87	993.74	989.51	0.40	ppb
Zirconium	90-1	494.33	502.24	486.25	494.27	1.62	ppb
Zirconium	91-1	485.60	487.34	480.56	484.50	0.73	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:33:59	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.01	3.89	3.40	4.43	31.26	ppb
Antimony	121-1	0.09	0.09	0.08	0.09	5.30	ppb
Arsenic	75-2	0.00	0.01	-0.03	-0.01		ppb
Barium	135-1	0.17	0.17	0.15	0.16	8.49	ppb
Barium	137-1	0.22	0.17	0.17	0.19	14.80	ppb
Beryllium	9-1	0.08	0.15	0.11	0.11	30.90	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	11-1	79.02	75.75	70.53	75.10	5.70	ppb
Boron	10-1	78.93	77.40	72.63	76.32	4.30	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.02	-0.87	-0.15	-0.35		ppb
Cadmium	108-1	0.38	0.04	0.24	0.22	75.90	ppb
Cadmium	111-1	0.07	0.04	0.11	0.07	45.48	ppb
Calcium	43-1	25.46	7.50	15.26	16.07	56.07	ppb
Calcium	44-1	-37.48	-43.72	-37.66	-39.62		ppb
Chromium	52-2	0.31	0.24	0.12	0.22	44.02	ppb
Cobalt	59-2	0.03	0.00	0.01	0.01	101.96	ppb
Copper	63-2	0.13	0.09	0.08	0.10	27.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	13.73	10.14	6.11	9.99	38.16	ppb
Iron	56-2	11.43	9.60	8.34	9.79	15.91	ppb
Iron	57-2	11.91	6.79	11.47	10.06	28.21	ppb
Krypton	83-1						cps
Lead	207-1	0.09	0.11	0.08	0.09	14.11	ppb
Lead	208-1	0.09	0.10	0.08	0.09	7.10	ppb
Lead	206-1	0.07	0.09	0.10	0.09	19.28	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:33:59	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	19.62	15.44	12.08	15.71	24.01	ppb
Manganese	55-2	0.07	0.09	-0.03	0.04	148.18	ppb
Molybdenum	94-1	0.24	0.18	0.26	0.23	17.87	ppb
Molybdenum	95-1	0.31	0.23	0.23	0.26	16.95	ppb
Molybdenum	96-1	0.23	0.28	0.21	0.24	13.69	ppb
Molybdenum	97-1	0.23	0.29	0.28	0.27	11.08	ppb
Molybdenum	98-1	0.33	0.27	0.19	0.26	25.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.03	-0.01		ppb
Phosphorus	31-2	-172.38	-112.86	-150.53	-145.26		ppb
Potassium	39-2	-64.11	-30.57	-30.72	-41.80		ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	-1.57	3.12	0.74	0.76	306.98	ppb
Selenium	78-2	0.06	-1.63	-0.70	-0.76		ppb
Selenium	82-1	0.27	0.27	0.34	0.29	13.32	ppb
Silicon	28-1	-17.70	-19.07	-14.94	-17.24		ppb
Silver	109-1	0.05	0.05	0.07	0.06	22.53	ppb
Silver	107-1	0.05	0.06	0.07	0.06	16.38	ppb
Sodium	23-2	-113.36	-112.35	-122.89	-116.20		ppb
Strontium	86-1	-0.23	-0.06	0.06	-0.07		ppb
Strontium	88-1	0.05	0.05	0.05	0.05	9.35	ppb
Sulfur	34-1	-3599.96	-3335.83	-1684.53	-2873.44		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.25	0.24	0.16	0.22	23.60	ppb
Thallium	205-1	0.27	0.23	0.18	0.23	19.43	ppb
Tin	118-1	0.08	0.09	0.06	0.07	21.51	ppb
Titanium	47-1	-0.27	0.04	0.19	-0.02		ppb
Uranium	238-1	0.03	0.04	0.02	0.03	27.84	ppb
Vanadium	51-2	0.03	0.04	0.02	0.03	37.49	ppb
Yttrium	89-1				108		%

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:33:59	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	-0.11	0.05	0.08	0.01	1704.61	ppb
Zirconium	90-1	0.06	0.06	0.02	0.05	46.69	ppb
Zirconium	91-1	0.08	0.06	0.06	0.07	17.10	ppb

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:50:37	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347	317	257	307	14.94	cps
Antimony	121-1	17	17	17	17	0.00	cps
Arsenic	75-2	11	4	8	8	45.81	cps
Barium	135-1	33	33	25	31	15.74	cps
Barium	137-1	50	83	58	64	27.15	cps
Beryllium	9-1	26	16	24	22	24.04	cps
Bismuth	209-1	2561248	2489722	2382611	2477860	3.63	cps
Bismuth	209-2	1394060	1398858	1383081	1392000	0.58	cps
Boron	11-1	132	120	96	116	15.80	cps
Boron	10-1	20	38	46	35	38.40	cps
Bromine	81-1	2453	2563	2132	2383	9.39	cps
Cadmium	106-1	858	783	1050	897	15.33	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Cadmium	111-1	613	566	764	648	15.96	cps
Calcium	43-1	575	633	608	606	4.83	cps
Calcium	44-1	46208	46618	47495	46774	1.41	cps
Chromium	52-2	1497	1370	1423	1430	4.45	cps
Cobalt	59-2	53	93	23	57	61.98	cps
Copper	63-2	170	197	160	176	10.80	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	13	23	3	13	75.02	cps
Gadolinium	160-1	50	50	8	36	66.62	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	4342272	4181975	4028204	4184150	3.75	cps
Holmium	165-2	2070070	2057800	2023169	2050346	1.19	cps
Indium	115-1	4106186	4016047	3830511	3984248	3.53	cps
Indium	115-2	604915	602890	599962	602589	0.41	cps
Iron	54-2	400	344	383	376	7.58	cps
Iron	56-2	2656	2823	2823	2767	3.48	cps
Iron	57-2	61	56	72	63	13.47	cps
Krypton	83-1	1267	1193	1403	1288	8.28	cps
Lead	207-1	78	94	78	83	11.55	cps
Lead	208-1	378	361	267	335	17.88	cps
Lead	206-1	78	61	67	69	12.39	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:50:37	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	617879	612236	589055	606390	2.52	cps
Magnesium	24-2	175	225	217	206	13.03	cps
Manganese	55-2	113	73	110	99	22.45	cps
Molybdenum	94-1	83	167	83	111	43.30	cps
Molybdenum	95-1	33	125	25	61	90.79	cps
Molybdenum	96-1	83	83	133	100	28.87	cps
Molybdenum	97-1	58	8	25	31	83.33	cps
Molybdenum	98-1	67	75	75	72	6.66	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	90	47	93	77	33.95	cps
Phosphorus	31-2	242	342	317	300	17.35	cps
Potassium	39-2	14524	14474	15025	14674	2.07	cps
Rhodium	103-1	4065348	3994585	3884225	3981386	2.29	cps
Rhodium	103-2	1951875	1862438	1889240	1901184	2.41	cps
Scandium	45-1	2535762	2535074	2349604	2473480	4.34	cps
Scandium	45-2	71692	69557	71517	70922	1.67	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	40	42	40	41	2.84	cps
Selenium	82-1	19	42	-119	-19	-448.54	cps
Silicon	28-1	469111	471694	478124	472976	0.98	cps
Silver	109-1	8	17	17	14	34.67	cps
Silver	107-1	0	25	17	14	91.65	cps
Sodium	23-2	20398	20415	20540	20451	0.38	cps
Strontium	86-1	1900	2125	1850	1959	7.48	cps
Strontium	88-1	42	67	75	61	28.38	cps
Sulfur	34-1	360013	360422	362223	360886	0.33	cps
Terbium	159-1	4489758	4480661	4303556	4424658	2.37	cps
Terbium	159-2	2012545	2089569	2031666	2044594	1.96	cps
Thallium	203-1	67	58	25	50	44.10	cps
Thallium	205-1	117	50	75	81	41.81	cps
Tin	118-1	250	192	217	219	13.34	cps
Titanium	47-1	992	908	883	928	6.11	cps
Uranium	238-1	108	125	92	108	15.38	cps
Vanadium	51-2	30	27	10	22	48.22	cps
Yttrium	89-1	4654802	4581472	4304559	4513611	4.09	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:50:37	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	471890	463746	467360	467665	0.87	cps
Zinc	66-2	100	63	57	73	31.82	cps
Zirconium	90-1	325	350	325	333	4.33	cps
Zirconium	91-1	25	83	33	47	66.82	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:53:39	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	620	583	579	7.52	cps
Antimony	121-1	7461	7369	7611	7480	1.63	cps
Arsenic	75-2	132	129	123	128	3.58	cps
Barium	135-1	7502	8044	7819	7789	3.50	cps
Barium	137-1	13190	13332	12998	13173	1.27	cps
Beryllium	9-1	354	446	460	420	13.71	cps
Bismuth	209-1	2532787	2530260	2497168	2520071	0.79	cps
Bismuth	209-2	1407417	1419201	1433605	1420074	0.92	cps
Boron	11-1	2966	3412	3544	3307	9.16	cps
Boron	10-1	560	612	706	626	11.82	cps
Bromine	81-1	2403	2393	2613	2469	5.04	cps
Cadmium	106-1	875	1075	1000	983	10.28	cps
Cadmium	108-1	50	79	79	69	24.25	cps
Cadmium	111-1	1432	1481	1436	1450	1.86	cps
Calcium	43-1	5026	5184	5026	5079	1.80	cps
Calcium	44-1	119838	121151	118612	119867	1.06	cps
Chromium	52-2	3284	3147	3047	3159	3.76	cps
Cobalt	59-2	1673	1633	1763	1690	3.94	cps
Copper	63-2	2817	2497	2594	2636	6.23	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	0	33	25	19	89.21	cps
Gadolinium	160-2	13	0	30	14	104.07	cps
Holmium	165-1	4328107	4306778	4348834	4327906	0.49	cps
Holmium	165-2	2104874	2098256	2090823	2097985	0.34	cps
Indium	115-1	4059727	4184272	4140817	4128272	1.53	cps
Indium	115-2	614235	615008	609387	612876	0.50	cps
Iron	54-2	2267	2267	2289	2274	0.56	cps
Iron	56-2	36564	35739	36681	36328	1.41	cps
Iron	57-2	828	850	917	865	5.35	cps
Krypton	83-1	1233	1240	1257	1243	0.97	cps
Lead	207-1	1550	1817	1700	1689	7.92	cps
Lead	208-1	7529	7712	7901	7714	2.41	cps
Lead	206-1	2006	2039	1811	1952	6.30	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:53:39	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	608543	616682	616117	613781	0.74	cps
Magnesium	24-2	21625	22985	20657	21756	5.38	cps
Manganese	55-2	480	470	457	469	2.50	cps
Molybdenum	94-1	7160	7577	6668	7135	6.38	cps
Molybdenum	95-1	9512	9187	9145	9281	2.16	cps
Molybdenum	96-1	9437	9962	9687	9695	2.71	cps
Molybdenum	97-1	5676	5735	5751	5721	0.69	cps
Molybdenum	98-1	14725	14224	14316	14422	1.85	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	587	497	563	549	8.51	cps
Phosphorus	31-2	367	308	325	333	9.01	cps
Potassium	39-2	31418	32303	32320	32014	1.61	cps
Rhodium	103-1	4135189	4023464	4093271	4083975	1.38	cps
Rhodium	103-2	1961765	1920590	1933808	1938721	1.08	cps
Scandium	45-1	2463606	2602737	2511251	2525865	2.80	cps
Scandium	45-2	71738	73333	72704	72592	1.11	cps
Selenium	77-2	23	7	3	11	96.43	cps
Selenium	78-2	76	67	69	71	6.69	cps
Selenium	82-1	283	374	288	315	16.22	cps
Silicon	28-1	495289	491975	492046	493104	0.38	cps
Silver	109-1	3884	3392	3467	3581	7.40	cps
Silver	107-1	3901	4026	3834	3920	2.48	cps
Sodium	23-2	59823	61664	61212	60900	1.58	cps
Strontium	86-1	3009	3384	2792	3062	9.78	cps
Strontium	88-1	8703	9495	9103	9100	4.35	cps
Sulfur	34-1	363335	363749	366227	364437	0.43	cps
Terbium	159-1	4494590	4528196	4511722	4511503	0.37	cps
Terbium	159-2	2056808	2131382	2071024	2086405	1.90	cps
Thallium	203-1	2400	2342	2350	2364	1.33	cps
Thallium	205-1	5401	5651	5084	5379	5.28	cps
Tin	118-1	13065	13132	13207	13134	0.54	cps
Titanium	47-1	3184	3250	3109	3181	2.23	cps
Uranium	238-1	6427	6210	6585	6407	2.94	cps
Vanadium	51-2	3547	3637	3390	3525	3.54	cps
Yttrium	89-1	4546441	4603265	4617685	4589130	0.82	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:53:39	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	475244	475415	472259	474306	0.37	cps
Zinc	66-2	393	347	397	379	7.38	cps
Zirconium	90-1	5876	5776	5326	5660	5.18	cps
Zirconium	91-1	1333	1308	1058	1233	12.33	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:56:39	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14074	13980	14267	14107	1.04	cps
Antimony	121-1	181765	181984	178793	180847	0.99	cps
Arsenic	75-2	5465	5480	5441	5462	0.36	cps
Barium	135-1	187817	185839	183507	185721	1.16	cps
Barium	137-1	318405	324681	315514	319533	1.47	cps
Beryllium	9-1	20408	20220	20120	20249	0.72	cps
Bismuth	209-1	2564655	2615722	2556124	2578834	1.25	cps
Bismuth	209-2	1421532	1389241	1404147	1404974	1.15	cps
Boron	11-1	6646	7132	7596	7125	6.67	cps
Boron	10-1	1382	1420	1512	1438	4.65	cps
Bromine	81-1	2943	2713	2643	2766	5.68	cps
Cadmium	106-1	5335	5335	5176	5282	1.73	cps
Cadmium	108-1	3021	2938	3042	3000	1.84	cps
Cadmium	111-1	42564	42451	41991	42335	0.72	cps
Calcium	43-1	43232	44361	43291	43628	1.46	cps
Calcium	44-1	768007	765437	748354	760599	1.40	cps
Chromium	52-2	41637	41898	42978	42171	1.69	cps
Cobalt	59-2	76973	78351	76297	77207	1.36	cps
Copper	63-2	125123	123159	123498	123927	0.85	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	58	33	58	50	28.87	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	4384930	4387027	4333503	4368487	0.69	cps
Holmium	165-2	2125686	2066547	2029869	2074034	2.33	cps
Indium	115-1	4154956	4183310	4165829	4168031	0.34	cps
Indium	115-2	616847	604318	601442	607535	1.35	cps
Iron	54-2	88573	87387	87801	87920	0.68	cps
Iron	56-2	1596966	1570156	1586728	1584617	0.85	cps
Iron	57-2	38597	40352	39761	39570	2.26	cps
Krypton	83-1	1133	1167	1167	1156	1.67	cps
Lead	207-1	82707	83764	81231	82567	1.54	cps
Lead	208-1	374573	377714	370005	374097	1.04	cps
Lead	206-1	94872	93250	92466	93529	1.31	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:56:39	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	619736	617407	620484	619209	0.26	cps
Magnesium	24-2	208839	207542	204486	206956	1.08	cps
Manganese	55-2	35915	36386	37238	36513	1.84	cps
Molybdenum	94-1	337431	341866	340136	339811	0.66	cps
Molybdenum	95-1	420855	426989	422974	423606	0.74	cps
Molybdenum	96-1	463565	462857	463771	463398	0.10	cps
Molybdenum	97-1	259689	258722	260745	259719	0.39	cps
Molybdenum	98-1	676831	686452	669735	677673	1.24	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	21670	22214	21383	21756	1.94	cps
Phosphorus	31-2	1358	1225	1083	1222	11.25	cps
Potassium	39-2	102161	99736	98946	100281	1.67	cps
Rhodium	103-1	4133534	4032220	4081306	4082353	1.24	cps
Rhodium	103-2	1910726	1892007	1881429	1894721	0.78	cps
Scandium	45-1	2620495	2577216	2535930	2577880	1.64	cps
Scandium	45-2	72824	70442	73568	72278	2.26	cps
Selenium	77-2	57	57	77	63	18.23	cps
Selenium	78-2	291	262	247	267	8.39	cps
Selenium	82-1	2766	2771	2782	2773	0.30	cps
Silicon	28-1	572932	589294	584823	582349	1.45	cps
Silver	109-1	199811	204028	205325	203055	1.42	cps
Silver	107-1	210616	212698	215355	212890	1.12	cps
Sodium	23-2	418715	424095	422155	421655	0.65	cps
Strontium	86-1	55110	54231	54122	54487	0.99	cps
Strontium	88-1	461647	456847	453592	457362	0.89	cps
Sulfur	34-1	371110	373244	372958	372438	0.31	cps
Terbium	159-1	4644002	4574559	4612465	4610342	0.75	cps
Terbium	159-2	2077861	1981482	2046472	2035272	2.42	cps
Thallium	203-1	115300	114041	113814	114385	0.70	cps
Thallium	205-1	273386	274936	272783	273702	0.41	cps
Tin	118-1	130570	130823	128694	130029	0.89	cps
Titanium	47-1	116052	114070	111364	113829	2.07	cps
Uranium	238-1	326669	327427	323737	325944	0.60	cps
Vanadium	51-2	32130	32544	32019	32231	0.86	cps
Yttrium	89-1	4788339	4767367	4690834	4748847	1.08	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:56:39	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	473101	464703	465245	467683	1.00	cps
Zinc	66-2	15285	15285	15565	15378	1.05	cps
Zirconium	90-1	285217	286826	282723	284922	0.73	cps
Zirconium	91-1	61537	61243	61511	61430	0.26	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:59:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35406	35062	35640	35370	0.82	cps
Antimony	121-1	453897	468498	469116	463837	1.86	cps
Arsenic	75-2	14355	14137	13900	14131	1.61	cps
Barium	135-1	466066	473537	484341	474648	1.94	cps
Barium	137-1	797904	804014	828490	810136	2.00	cps
Beryllium	9-1	50765	51076	51870	51237	1.11	cps
Bismuth	209-1	2534806	2519778	2641177	2565253	2.58	cps
Bismuth	209-2	1411072	1408311	1443376	1420920	1.37	cps
Boron	11-1	16206	17955	19511	17891	9.24	cps
Boron	10-1	3306	3724	3924	3651	8.64	cps
Bromine	81-1	2573	2493	2222	2429	7.56	cps
Cadmium	106-1	10805	11213	12022	11347	5.46	cps
Cadmium	108-1	7223	7323	7669	7405	3.16	cps
Cadmium	111-1	105430	105428	107276	106044	1.01	cps
Calcium	43-1	111036	113875	112792	112567	1.27	cps
Calcium	44-1	1875075	1902138	1902672	1893295	0.83	cps
Chromium	52-2	105969	104881	105338	105396	0.52	cps
Cobalt	59-2	199299	192349	198713	196787	1.96	cps
Copper	63-2	314143	315518	313643	314435	0.31	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	8	25	0	11	114.58	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	4290480	4311189	4385058	4328909	1.15	cps
Holmium	165-2	2115126	2098508	2164869	2126168	1.62	cps
Indium	115-1	4160398	4223758	4153693	4179283	0.93	cps
Indium	115-2	617206	614936	622427	618190	0.62	cps
Iron	54-2	230203	224520	223157	225960	1.65	cps
Iron	56-2	4115269	4013865	4093213	4074116	1.31	cps
Iron	57-2	103411	101475	101122	102003	1.21	cps
Krypton	83-1	1237	1223	1207	1222	1.23	cps
Lead	207-1	201692	207363	209157	206071	1.89	cps
Lead	208-1	931018	946595	958652	945421	1.47	cps
Lead	206-1	234751	237529	242482	238254	1.64	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:59:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	617318	619144	626390	620951	0.77	cps
Magnesium	24-2	532359	515216	519871	522482	1.70	cps
Manganese	55-2	94728	93054	92333	93372	1.32	cps
Molybdenum	94-1	873857	878591	873250	875232	0.33	cps
Molybdenum	95-1	1078452	1078525	1103768	1086915	1.34	cps
Molybdenum	96-1	1188896	1195631	1217471	1200666	1.24	cps
Molybdenum	97-1	665198	660031	672944	666058	0.98	cps
Molybdenum	98-1	1717220	1743273	1746679	1735724	0.93	cps
Neodymium	150-1	13	33	7	18	78.05	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	56334	55033	57014	56127	1.79	cps
Phosphorus	31-2	2417	2467	2475	2453	1.29	cps
Potassium	39-2	235773	234784	234857	235138	0.23	cps
Rhodium	103-1	4086375	4070707	4202095	4119726	1.74	cps
Rhodium	103-2	1927907	1875327	1904563	1902599	1.38	cps
Scandium	45-1	2534681	2585835	2596251	2572256	1.28	cps
Scandium	45-2	72582	72954	73940	73159	0.96	cps
Selenium	77-2	167	190	187	181	6.97	cps
Selenium	78-2	680	610	653	648	5.45	cps
Selenium	82-1	6579	6645	6927	6717	2.75	cps
Silicon	28-1	750574	760701	769729	760334	1.26	cps
Silver	109-1	515276	520480	522683	519480	0.73	cps
Silver	107-1	539925	545728	545186	543613	0.59	cps
Sodium	23-2	1032154	1019492	1039746	1030464	0.99	cps
Strontium	86-1	132382	139290	137591	136421	2.64	cps
Strontium	88-1	1149481	1159108	1155587	1154725	0.42	cps
Sulfur	34-1	384525	391920	388579	388341	0.95	cps
Terbium	159-1	4568244	4703745	4684911	4652300	1.58	cps
Terbium	159-2	2102778	2066709	2165794	2111761	2.37	cps
Thallium	203-1	289430	290140	300009	293193	2.02	cps
Thallium	205-1	692516	687589	705984	695363	1.37	cps
Tin	118-1	330214	328665	332756	330545	0.62	cps
Titanium	47-1	288005	285260	291756	288340	1.13	cps
Uranium	238-1	824969	826198	831478	827548	0.42	cps
Vanadium	51-2	80971	81799	81940	81570	0.64	cps
Yttrium	89-1	4671077	4740515	4705090	4705560	0.74	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 13:59:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	483080	470699	480290	478023	1.36	cps
Zinc	66-2	40314	39144	39405	39621	1.55	cps
Zirconium	90-1	727789	719543	742104	729812	1.56	cps
Zirconium	91-1	161251	158392	164127	161257	1.78	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:02:39	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72235	71381	71632	71749	0.61	cps
Antimony	121-1	936215	942928	926307	935150	0.89	cps
Arsenic	75-2	28315	28603	28025	28314	1.02	cps
Barium	135-1	946968	965241	959598	957269	0.98	cps
Barium	137-1	1643895	1676347	1642445	1654229	1.16	cps
Beryllium	9-1	104437	104448	103477	104120	0.54	cps
Bismuth	209-1	2598629	2614749	2607424	2606934	0.31	cps
Bismuth	209-2	1449044	1443786	1433539	1442123	0.55	cps
Boron	11-1	33161	37472	39555	36729	8.88	cps
Boron	10-1	6696	7444	7801	7314	7.71	cps
Bromine	81-1	2313	2363	2663	2446	7.75	cps
Cadmium	106-1	21567	22903	23279	22583	3.98	cps
Cadmium	108-1	15438	15096	14967	15167	1.61	cps
Cadmium	111-1	213077	214934	212959	213656	0.52	cps
Calcium	43-1	223721	229885	230164	227923	1.60	cps
Calcium	44-1	3734837	3771769	3803700	3770102	0.91	cps
Chromium	52-2	214545	213231	208592	212123	1.47	cps
Cobalt	59-2	397143	401987	397599	398910	0.67	cps
Copper	63-2	635609	639631	625046	633429	1.19	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	58	58	25	47	40.75	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	67	17	25	36	74.18	cps
Gadolinium	160-2	3	17	3	8	99.04	cps
Holmium	165-1	4432510	4401574	4403069	4412384	0.40	cps
Holmium	165-2	2189323	2100237	2120536	2136699	2.19	cps
Indium	115-1	4264893	4287037	4195608	4249179	1.12	cps
Indium	115-2	625778	622627	618495	622300	0.59	cps
Iron	54-2	452367	451588	446062	450005	0.76	cps
Iron	56-2	8301990	8047402	8204824	8184739	1.57	cps
Iron	57-2	206736	205505	204633	205625	0.51	cps
Krypton	83-1	1337	1377	1390	1368	2.03	cps
Lead	207-1	416402	425825	415120	419116	1.39	cps
Lead	208-1	1910843	1927173	1888717	1908911	1.01	cps
Lead	206-1	482235	480990	477633	480286	0.50	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:02:39	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	624452	621358	620295	622035	0.35	cps
Magnesium	24-2	1063575	1052147	1045870	1053864	0.85	cps
Manganese	55-2	190068	188004	187934	188669	0.64	cps
Molybdenum	94-1	1749437	1751441	1724315	1741731	0.87	cps
Molybdenum	95-1	2192780	2158900	2138431	2163370	1.27	cps
Molybdenum	96-1	2385510	2439241	2452572	2425774	1.46	cps
Molybdenum	97-1	1324262	1318911	1345375	1329516	1.05	cps
Molybdenum	98-1	3419119	3445620	3425454	3430064	0.40	cps
Neodymium	150-1	40	47	13	33	52.92	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	112853	110979	111590	111807	0.85	cps
Phosphorus	31-2	5051	4543	5176	4923	6.82	cps
Potassium	39-2	458896	458063	455759	457573	0.36	cps
Rhodium	103-1	4080095	4119368	4224556	4141339	1.80	cps
Rhodium	103-2	1924200	1989433	1905627	1939753	2.27	cps
Scandium	45-1	2637340	2668799	2643391	2649843	0.63	cps
Scandium	45-2	74379	73601	73675	73885	0.58	cps
Selenium	77-2	347	427	320	364	15.23	cps
Selenium	78-2	1298	1272	1268	1280	1.27	cps
Selenium	82-1	13780	13960	13588	13776	1.35	cps
Silicon	28-1	915229	931387	952347	932988	1.99	cps
Silver	109-1	1031935	1043745	1049990	1041890	0.88	cps
Silver	107-1	1100309	1105448	1093465	1099741	0.55	cps
Sodium	23-2	2101426	2058774	2100101	2086767	1.16	cps
Strontium	86-1	269999	276397	274273	273556	1.19	cps
Strontium	88-1	2302219	2348843	2305666	2318910	1.12	cps
Sulfur	34-1	417868	415869	417993	417243	0.29	cps
Terbium	159-1	4643710	4731420	4721317	4698816	1.02	cps
Terbium	159-2	2189326	2149470	2108881	2149226	1.87	cps
Thallium	203-1	593504	592993	594194	593564	0.10	cps
Thallium	205-1	1386741	1395540	1399578	1393953	0.47	cps
Tin	118-1	672950	666486	654087	664508	1.44	cps
Titanium	47-1	576542	585628	582972	581714	0.80	cps
Uranium	238-1	1655935	1677153	1669526	1667538	0.64	cps
Vanadium	51-2	165331	164528	164835	164898	0.25	cps
Yttrium	89-1	4808819	4764706	4779504	4784343	0.47	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:02:39	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	486391	495599	482330	488107	1.39	cps
Zinc	66-2	78824	80138	78526	79163	1.08	cps
Zirconium	90-1	1488428	1452197	1466350	1468992	1.24	cps
Zirconium	91-1	323546	325466	322217	323743	0.50	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:05:39	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143500	144066	146998	144855	1.30	cps
Antimony	121-1	1908265	1892965	1885821	1895684	0.60	cps
Arsenic	75-2	57818	58056	56780	57551	1.18	cps
Barium	135-1	1920480	1940423	1920627	1927177	0.60	cps
Barium	137-1	3343117	3277114	3338101	3319444	1.11	cps
Beryllium	9-1	208279	209714	211509	209834	0.77	cps
Bismuth	209-1	2627117	2637579	2644264	2636320	0.33	cps
Bismuth	209-2	1437463	1440525	1459347	1445778	0.82	cps
Boron	11-1	68286	75726	81823	75278	9.01	cps
Boron	10-1	13726	14961	16450	15045	9.07	cps
Bromine	81-1	2293	2873	3003	2723	13.90	cps
Cadmium	106-1	45317	43578	44464	44453	1.96	cps
Cadmium	108-1	31210	30834	30505	30850	1.14	cps
Cadmium	111-1	438116	430695	427414	432075	1.27	cps
Calcium	43-1	459906	457435	472860	463400	1.79	cps
Calcium	44-1	7442757	7389684	7587692	7473378	1.37	cps
Chromium	52-2	428612	431782	425505	428633	0.73	cps
Cobalt	59-2	814727	794273	798851	802617	1.34	cps
Copper	63-2	1299796	1278773	1259161	1279243	1.59	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	17	10	3	10	66.70	cps
Erbium	164-1	33	42	58	44	28.64	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	75	58	58	64	15.05	cps
Gadolinium	160-2	3	17	30	17	80.01	cps
Holmium	165-1	4560230	4511374	4542401	4538002	0.54	cps
Holmium	165-2	2100399	2149886	2174023	2141436	1.75	cps
Indium	115-1	4260571	4331561	4300380	4297504	0.83	cps
Indium	115-2	632138	628365	625869	628791	0.50	cps
Iron	54-2	928046	920062	909342	919150	1.02	cps
Iron	56-2	16819951	16448863	16231894	16500236	1.80	cps
Iron	57-2	422498	416150	407505	415384	1.81	cps
Krypton	83-1	1153	1280	1333	1256	7.36	cps
Lead	207-1	832842	842237	830855	835311	0.73	cps
Lead	208-1	3923684	3912673	3946475	3927610	0.44	cps
Lead	206-1	973233	960763	970471	968156	0.68	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:05:39	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	631693	632961	629937	631530	0.24	cps
Magnesium	24-2	2102054	2082162	2132997	2105738	1.22	cps
Manganese	55-2	381673	378788	386276	382246	0.99	cps
Molybdenum	94-1	3534074	3544158	3529223	3535818	0.22	cps
Molybdenum	95-1	4283728	4327922	4331419	4314356	0.62	cps
Molybdenum	96-1	4904248	4852863	4900450	4885854	0.59	cps
Molybdenum	97-1	2723396	2728183	2727784	2726454	0.10	cps
Molybdenum	98-1	7019377	6886166	6895861	6933801	1.07	cps
Neodymium	150-1	67	67	20	51	52.72	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	231662	224632	226286	227527	1.62	cps
Phosphorus	31-2	10304	10387	10446	10379	0.69	cps
Potassium	39-2	929193	922043	926502	925913	0.39	cps
Rhodium	103-1	4240975	4236828	4110936	4196246	1.76	cps
Rhodium	103-2	1947507	1935460	1949657	1944208	0.39	cps
Scandium	45-1	2672730	2673572	2661837	2669380	0.25	cps
Scandium	45-2	74325	75078	75789	75064	0.97	cps
Selenium	77-2	737	710	737	728	2.12	cps
Selenium	78-2	2563	2464	2568	2531	2.29	cps
Selenium	82-1	27964	27834	28003	27934	0.32	cps
Silicon	28-1	1380015	1432059	1473083	1428385	3.27	cps
Silver	109-1	2114358	2102951	2103068	2106793	0.31	cps
Silver	107-1	2223443	2204083	2236180	2221235	0.73	cps
Sodium	23-2	4194336	4092828	4068439	4118535	1.62	cps
Strontium	86-1	547035	551781	559551	552789	1.14	cps
Strontium	88-1	4618852	4680810	4661274	4653645	0.68	cps
Sulfur	34-1	474238	475364	472143	473915	0.34	cps
Terbium	159-1	4817484	4889636	4714727	4807283	1.83	cps
Terbium	159-2	2153637	2133228	2161791	2149552	0.68	cps
Thallium	203-1	1230293	1200605	1202995	1211298	1.36	cps
Thallium	205-1	2834370	2831834	2848339	2838181	0.31	cps
Tin	118-1	1348628	1344831	1361073	1351511	0.63	cps
Titanium	47-1	1180525	1169273	1165175	1171658	0.68	cps
Uranium	238-1	3421881	3398502	3399128	3406504	0.39	cps
Vanadium	51-2	339071	334671	337627	337123	0.67	cps
Yttrium	89-1	4771062	4847102	4911382	4843182	1.45	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:05:39	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	496785	486959	485079	489608	1.28	cps
Zinc	66-2	161330	161979	158341	160550	1.21	cps
Zirconium	90-1	2888803	2923796	2956339	2922980	1.16	cps
Zirconium	91-1	654885	657764	675911	662853	1.72	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:08:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299090	300313	303479	300961	0.75	cps
Antimony	121-1	3898293	3906889	3915274	3906819	0.22	cps
Arsenic	75-2	121324	122360	121754	121813	0.43	cps
Barium	135-1	3997966	3990263	4019303	4002510	0.38	cps
Barium	137-1	6812603	6790614	6872247	6825155	0.62	cps
Beryllium	9-1	424387	425513	421081	423660	0.54	cps
Bismuth	209-1	2740579	2788651	2723514	2750915	1.23	cps
Bismuth	209-2	1527381	1530617	1527312	1528436	0.12	cps
Boron	11-1	144870	161448	170566	158961	8.20	cps
Boron	10-1	28874	31774	34247	31632	8.50	cps
Bromine	81-1	2513	2973	2663	2716	8.65	cps
Cadmium	106-1	90656	89364	91545	90522	1.21	cps
Cadmium	108-1	62708	62445	63349	62834	0.74	cps
Cadmium	111-1	886779	879341	888547	884889	0.55	cps
Calcium	43-1	944601	951174	963771	953182	1.02	cps
Calcium	44-1	15288049	15326302	15487995	15367449	0.69	cps
Chromium	52-2	892076	901887	902484	898816	0.65	cps
Cobalt	59-2	1656467	1712454	1677753	1682225	1.68	cps
Copper	63-2	2673248	2658120	2646443	2659270	0.51	cps
Dysprosium	156-1	67	100	75	81	21.53	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	8	33	33	25	57.74	cps
Erbium	164-2	10	0	17	9	94.38	cps
Gadolinium	160-1	50	42	67	53	24.12	cps
Gadolinium	160-2	27	20	40	29	35.25	cps
Holmium	165-1	4671598	4801706	4707493	4726932	1.42	cps
Holmium	165-2	2319348	2339782	2277411	2312180	1.38	cps
Indium	115-1	4436449	4470798	4392671	4433306	0.88	cps
Indium	115-2	653170	659527	662418	658371	0.72	cps
Iron	54-2	1954628	1979190	1938684	1957501	1.04	cps
Iron	56-2	35166642	34666633	35188907	35007394	0.84	cps
Iron	57-2	875635	879120	873462	876072	0.33	cps
Krypton	83-1	1273	1237	1220	1243	2.19	cps
Lead	207-1	1797151	1733418	1715778	1748783	2.45	cps
Lead	208-1	8277005	8172371	7987389	8145588	1.80	cps
Lead	206-1	2016444	2087968	2006789	2037067	2.18	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:08:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	644339	644037	634141	640839	0.91	cps
Magnesium	24-2	4411143	4389516	4329855	4376838	0.96	cps
Manganese	55-2	796058	798062	809241	801121	0.89	cps
Molybdenum	94-1	7374835	7274726	7387559	7345707	0.84	cps
Molybdenum	95-1	9111069	9156030	9092628	9119909	0.36	cps
Molybdenum	96-1	10271510	10049381	10255522	10192138	1.22	cps
Molybdenum	97-1	5626301	5524110	5612436	5587616	0.99	cps
Molybdenum	98-1	14583980	14476977	14541708	14534222	0.37	cps
Neodymium	150-1	153	113	100	122	22.71	cps
Neodymium	150-2	13	17	0	10	88.20	cps
Nickel	60-2	465358	473815	467784	468986	0.93	cps
Phosphorus	31-2	20949	20356	19680	20329	3.12	cps
Potassium	39-2	1886677	1916878	1927309	1910288	1.10	cps
Rhodium	103-1	4343962	4323839	4253622	4307141	1.10	cps
Rhodium	103-2	2047930	1991391	2066543	2035288	1.92	cps
Scandium	45-1	2735283	2734848	2715125	2728419	0.42	cps
Scandium	45-2	79476	80082	79090	79549	0.63	cps
Selenium	77-2	1667	1627	1463	1586	6.79	cps
Selenium	78-2	5311	5403	5190	5301	2.01	cps
Selenium	82-1	58215	57857	57726	57933	0.44	cps
Silicon	28-1	2196459	2264724	2334185	2265123	3.04	cps
Silver	109-1	4357166	4285141	4294826	4312377	0.91	cps
Silver	107-1	4497159	4485699	4509385	4497414	0.26	cps
Sodium	23-2	8624782	8506396	8632565	8587914	0.82	cps
Strontium	86-1	1137356	1130041	1140267	1135888	0.46	cps
Strontium	88-1	9583415	9602328	9450223	9545322	0.87	cps
Sulfur	34-1	597655	596188	589521	594455	0.73	cps
Terbium	159-1	4926134	5088377	4916909	4977140	1.94	cps
Terbium	159-2	2288980	2288451	2338626	2305352	1.25	cps
Thallium	203-1	2483692	2493422	2506315	2494476	0.45	cps
Thallium	205-1	5797795	5902327	5855426	5851849	0.89	cps
Tin	118-1	2763071	2767363	2784827	2771754	0.42	cps
Titanium	47-1	2352993	2371436	2424606	2383012	1.56	cps
Uranium	238-1	7108628	6965388	7001502	7025173	1.06	cps
Vanadium	51-2	708767	708576	712213	709852	0.29	cps
Yttrium	89-1	5069982	5073398	5006835	5050072	0.74	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:08:37	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	514641	518713	519197	517517	0.48	cps
Zinc	66-2	333929	335695	336440	335355	0.38	cps
Zirconium	90-1	5989014	6146946	6033722	6056561	1.34	cps
Zirconium	91-1	1375994	1370090	1373632	1373239	0.22	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:11:38	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1446783	1449632	1456245	1450887	0.33	cps
Antimony	121-1	2367	2367	2425	2386	1.41	cps
Arsenic	75-2	55	56	66	59	10.31	cps
Barium	135-1	7811	7961	7944	7905	1.04	cps
Barium	137-1	13699	13682	13290	13557	1.71	cps
Beryllium	9-1	128	126	88	114	19.77	cps
Bismuth	209-1	2504313	2501082	2464212	2489869	0.89	cps
Bismuth	209-2	1389187	1394842	1247550	1343860	6.21	cps
Boron	11-1	33575	31383	29301	31420	6.80	cps
Boron	10-1	6888	6166	5776	6277	8.99	cps
Bromine	81-1	3254	2913	2973	3047	5.96	cps
Cadmium	106-1	1033	925	1208	1056	13.54	cps
Cadmium	108-1	21	25	38	28	31.23	cps
Cadmium	111-1	1017	943	1190	1050	12.11	cps
Calcium	43-1	4440655	4498943	4325996	4421865	1.99	cps
Calcium	44-1	70981581	71966477	71856270	71601443	0.75	cps
Chromium	52-2	16423	16583	16286	16431	0.90	cps
Cobalt	59-2	2680	2514	2650	2615	3.40	cps
Copper	63-2	6948	6512	6288	6583	5.10	cps
Dysprosium	156-1	250	158	100	169	44.63	cps
Dysprosium	156-2	80	70	90	80	12.50	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	27	17	17	20	28.86	cps
Gadolinium	160-1	233	250	217	233	7.14	cps
Gadolinium	160-2	143	90	137	123	23.56	cps
Holmium	165-1	4488586	4382834	4397436	4422952	1.30	cps
Holmium	165-2	2187053	2157211	1987098	2110454	5.11	cps
Indium	115-1	4394305	4398012	4410281	4400866	0.19	cps
Indium	115-2	648695	660750	591657	633701	5.82	cps
Iron	54-2	8554908	8504361	8451021	8503430	0.61	cps
Iron	56-2	159431520	160164865	156444542	158680309	1.24	cps
Iron	57-2	3981284	3968068	3961952	3970434	0.25	cps
Krypton	83-1	1223	1347	1233	1268	5.40	cps
Lead	207-1	8158	8447	7847	8151	3.68	cps
Lead	208-1	36837	36253	35836	36309	1.38	cps
Lead	206-1	9431	9198	9209	9279	1.42	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:11:38	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	607208	599514	615550	607424	1.32	cps
Magnesium	24-2	20587365	20187312	20705115	20493264	1.32	cps
Manganese	55-2	3400	3544	3357	3434	2.85	cps
Molybdenum	94-1	4167	3942	4242	4117	3.79	cps
Molybdenum	95-1	6068	5568	5868	5835	4.32	cps
Molybdenum	96-1	7327	7310	6760	7133	4.52	cps
Molybdenum	97-1	3734	3442	3584	3587	4.07	cps
Molybdenum	98-1	9695	9137	8720	9184	5.33	cps
Neodymium	150-1	33	33	20	29	26.64	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	5271	5725	5301	5432	4.67	cps
Phosphorus	31-2	208	283	383	292	30.10	cps
Potassium	39-2	8782390	8722599	8716283	8740424	0.42	cps
Rhodium	103-1	3923652	3960637	4029216	3971168	1.35	cps
Rhodium	103-2	1905639	1876986	1687849	1823491	6.49	cps
Scandium	45-1	2660194	2620804	2669347	2650115	0.97	cps
Scandium	45-2	73822	75253	67188	72088	5.97	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	38	31	41	37	14.00	cps
Selenium	82-1	104	-123	36	5	2133.04	cps
Silicon	28-1	562481	560637	551799	558305	1.02	cps
Silver	109-1	1575	1450	1417	1481	5.64	cps
Silver	107-1	1708	1567	1250	1508	15.56	cps
Sodium	23-2	39856139	39335177	40143109	39778142	1.03	cps
Strontium	86-1	4643	4059	4117	4273	7.52	cps
Strontium	88-1	21258	19823	20340	20474	3.55	cps
Sulfur	34-1	337225	341754	342173	340384	0.81	cps
Terbium	159-1	4626449	4695106	4752817	4691457	1.35	cps
Terbium	159-2	2140060	2167691	1926788	2078180	6.34	cps
Thallium	203-1	1508	1492	1158	1386	14.24	cps
Thallium	205-1	3651	3317	2800	3256	13.16	cps
Tin	118-1	1408	1358	1258	1342	5.69	cps
Titanium	47-1	1467	1417	1217	1367	9.68	cps
Uranium	238-1	1500	1425	1325	1417	6.20	cps
Vanadium	51-2	300	257	277	278	7.81	cps
Yttrium	89-1	4903368	4835014	4890804	4876395	0.75	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:11:38	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	508039	513176	456176	492463	6.40	cps
Zinc	66-2	4547	4251	4581	4460	4.08	cps
Zirconium	90-1	2075	2200	1900	2059	7.32	cps
Zirconium	91-1	492	458	442	464	5.49	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:21:31	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7419	7559	7372	7450	1.30	cps
Antimony	121-1	739630	735612	747608	740950	0.82	cps
Arsenic	75-2	22911	22985	22992	22963	0.20	cps
Barium	135-1	76776	77019	79466	77754	1.91	cps
Barium	137-1	134079	134085	133194	133786	0.38	cps
Beryllium	9-1	39591	40182	40828	40201	1.54	cps
Bismuth	209-1	2666936	2592233	2627732	2628967	1.42	cps
Bismuth	209-2	1465583	1446866	1456601	1456350	0.64	cps
Boron	11-1	6534	6278	6548	6453	2.36	cps
Boron	10-1	1282	1314	1282	1292	1.43	cps
Bromine	81-1	2733	2533	2513	2593	4.70	cps
Cadmium	106-1	8203	8678	8603	8494	3.01	cps
Cadmium	108-1	6126	5943	6585	6218	5.32	cps
Cadmium	111-1	86292	87567	87014	86957	0.74	cps
Calcium	43-1	17694	17570	17261	17508	1.27	cps
Calcium	44-1	330403	333908	339443	334585	1.36	cps
Chromium	52-2	85936	86926	86748	86537	0.61	cps
Cobalt	59-2	163787	164264	160602	162885	1.22	cps
Copper	63-2	132162	133313	131903	132459	0.57	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	75	50	8	44	75.78	cps
Erbium	164-2	20	3	10	11	75.52	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	27	0	17	14	93.26	cps
Holmium	165-1	4504847	4490373	4441297	4478839	0.74	cps
Holmium	165-2	2179554	2170500	2150900	2166985	0.68	cps
Indium	115-1	4290658	4255855	4220552	4255688	0.82	cps
Indium	115-2	639271	626683	625368	630441	1.22	cps
Iron	54-2	71914	71724	71210	71616	0.51	cps
Iron	56-2	1258766	1280411	1268536	1269238	0.85	cps
Iron	57-2	32226	32793	32459	32493	0.88	cps
Krypton	83-1	1317	1290	1207	1271	4.51	cps
Lead	207-1	324672	322638	331034	326115	1.34	cps
Lead	208-1	1520633	1510711	1541590	1524311	1.03	cps
Lead	206-1	390342	388575	398395	392437	1.33	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:21:31	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	612495	605572	611289	609785	0.61	cps
Magnesium	24-2	50020	50547	49309	49959	1.24	cps
Manganese	55-2	36978	37329	36814	37040	0.71	cps
Molybdenum	94-1	2280653	2249065	2306053	2278590	1.25	cps
Molybdenum	95-1	4005967	3904965	4043551	3984827	1.80	cps
Molybdenum	96-1	4315126	4239182	4338920	4297743	1.21	cps
Molybdenum	97-1	2426778	2477531	2508244	2470851	1.67	cps
Molybdenum	98-1	6315151	6376538	6451385	6381025	1.07	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	45636	45379	44433	45149	1.40	cps
Phosphorus	31-2	225	292	258	258	12.90	cps
Potassium	39-2	84304	83593	83818	83905	0.43	cps
Rhodium	103-1	4144525	4158453	4225836	4176271	1.04	cps
Rhodium	103-2	1981750	1993580	1923210	1966180	1.92	cps
Scandium	45-1	2603017	2584151	2685112	2624093	2.05	cps
Scandium	45-2	73678	74771	72653	73701	1.44	cps
Selenium	77-2	297	250	300	282	9.90	cps
Selenium	78-2	1093	1094	1086	1091	0.40	cps
Selenium	82-1	10808	11227	11547	11194	3.31	cps
Silicon	28-1	494894	500862	503578	499778	0.89	cps
Silver	109-1	200772	205282	204055	203370	1.15	cps
Silver	107-1	209330	216386	216270	213996	1.89	cps
Sodium	23-2	185941	187040	183006	185329	1.13	cps
Strontium	86-1	2292	2434	2284	2336	3.61	cps
Strontium	88-1	2292	2475	2384	2384	3.85	cps
Sulfur	34-1	354588	354837	354000	354475	0.12	cps
Terbium	159-1	4708285	4677791	4755984	4714020	0.84	cps
Terbium	159-2	2153180	2131336	2113465	2132661	0.93	cps
Thallium	203-1	474437	481754	486778	480990	1.29	cps
Thallium	205-1	1117677	1120163	1140632	1126157	1.12	cps
Tin	118-1	325	383	317	342	10.63	cps
Titanium	47-1	1039140	1068622	1067976	1058579	1.59	cps
Uranium	238-1	25	33	75	44	60.28	cps
Vanadium	51-2	65891	64789	65309	65329	0.84	cps
Yttrium	89-1	4822483	4825210	4767235	4804976	0.68	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:21:31	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	489655	490968	484824	488482	0.66	cps
Zinc	66-2	30907	31515	30653	31025	1.43	cps
Zirconium	90-1	408	550	525	494	15.29	cps
Zirconium	91-1	150	200	175	175	14.29	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:31:18	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380	397	373	383	3.14	cps
Antimony	121-1	17	25	67	36	74.18	cps
Arsenic	75-2	6	1	2	3	88.19	cps
Barium	135-1	0	17	0	6	173.21	cps
Barium	137-1	25	17	42	28	45.82	cps
Beryllium	9-1	20	20	22	21	5.59	cps
Bismuth	209-1	2581716	2593111	2544293	2573040	0.99	cps
Bismuth	209-2	1433053	1451451	1407188	1430564	1.55	cps
Boron	11-1	3452	3278	3236	3322	3.45	cps
Boron	10-1	702	620	684	669	6.45	cps
Bromine	81-1	2523	2543	2333	2466	4.71	cps
Cadmium	106-1	808	958	1000	922	10.93	cps
Cadmium	108-1	0	17	4	7	124.88	cps
Cadmium	111-1	591	668	714	657	9.44	cps
Calcium	43-1	650	533	642	608	10.70	cps
Calcium	44-1	45289	45464	45632	45461	0.38	cps
Chromium	52-2	1627	1490	1457	1525	5.91	cps
Cobalt	59-2	40	30	20	30	33.33	cps
Copper	63-2	187	197	137	173	18.55	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	23	7	20	17	52.90	cps
Gadolinium	160-1	8	83	67	53	74.62	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	4387628	4373664	4297371	4352888	1.12	cps
Holmium	165-2	2090886	2108573	2070150	2089870	0.92	cps
Indium	115-1	4212804	4271453	4125862	4203373	1.74	cps
Indium	115-2	613771	627453	618606	619944	1.12	cps
Iron	54-2	467	400	428	431	7.76	cps
Iron	56-2	2906	2584	2600	2697	6.73	cps
Iron	57-2	83	100	94	93	9.16	cps
Krypton	83-1	1267	1240	1367	1291	5.17	cps
Lead	207-1	89	100	28	72	53.84	cps
Lead	208-1	383	400	322	369	11.11	cps
Lead	206-1	94	139	133	122	19.81	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:31:18	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	606947	604309	598204	603153	0.74	cps
Magnesium	24-2	233	108	108	150	48.11	cps
Manganese	55-2	70	117	93	93	25.00	cps
Molybdenum	94-1	133	150	125	136	9.36	cps
Molybdenum	95-1	92	67	83	81	15.80	cps
Molybdenum	96-1	133	125	150	136	9.35	cps
Molybdenum	97-1	50	50	25	42	34.64	cps
Molybdenum	98-1	58	58	58	58	0.01	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	100	73	77	28.51	cps
Phosphorus	31-2	250	275	250	258	5.59	cps
Potassium	39-2	14858	14716	15292	14955	2.01	cps
Rhodium	103-1	4105252	4263146	3976101	4114833	3.49	cps
Rhodium	103-2	1946950	1949480	1973388	1956606	0.75	cps
Scandium	45-1	2594567	2592868	2558054	2581829	0.80	cps
Scandium	45-2	73973	72830	73289	73364	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	33	34	40	29.38	cps
Selenium	82-1	58	69	-164	-13	-1049.95	cps
Silicon	28-1	472113	474607	475338	474019	0.36	cps
Silver	109-1	17	25	8	17	50.01	cps
Silver	107-1	25	25	33	28	17.31	cps
Sodium	23-2	21942	22109	21383	21811	1.74	cps
Strontium	86-1	1942	2092	2125	2053	4.76	cps
Strontium	88-1	100	42	67	69	42.14	cps
Sulfur	34-1	353785	351277	354506	353189	0.48	cps
Terbium	159-1	4588396	4637010	4592112	4605839	0.59	cps
Terbium	159-2	2108720	2149229	2087733	2115227	1.48	cps
Thallium	203-1	58	67	58	61	7.87	cps
Thallium	205-1	125	133	217	158	32.02	cps
Tin	118-1	200	225	267	231	14.61	cps
Titanium	47-1	942	867	917	908	4.20	cps
Uranium	238-1	17	8	42	22	78.07	cps
Vanadium	51-2	17	20	7	14	48.02	cps
Yttrium	89-1	4649333	4592607	4625716	4622552	0.62	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:31:18	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	474297	481483	483307	479696	0.99	cps
Zinc	66-2	113	60	117	97	32.90	cps
Zirconium	90-1	275	167	250	231	24.60	cps
Zirconium	91-1	42	83	50	58	37.80	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:34:06	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1307719	1281720	1247359	1278933	2.37	cps
Antimony	121-1	3951	4176	4309	4145	4.37	cps
Arsenic	75-2	39	43	43	42	5.54	cps
Barium	135-1	1075	975	1108	1053	6.59	cps
Barium	137-1	1725	1850	1834	1803	3.76	cps
Beryllium	9-1	140	152	160	151	6.68	cps
Bismuth	209-1	2515628	2576554	2569348	2553843	1.30	cps
Bismuth	209-2	1419399	1459548	1441097	1440015	1.40	cps
Boron	11-1	3616	3640	3556	3604	1.20	cps
Boron	10-1	844	682	680	735	12.80	cps
Bromine	81-1	3344	3284	3124	3250	3.50	cps
Cadmium	106-1	917	975	958	950	3.16	cps
Cadmium	108-1	554	458	517	510	9.47	cps
Cadmium	111-1	845	995	988	943	8.96	cps
Calcium	43-1	864485	887784	891597	881288	1.67	cps
Calcium	44-1	14124109	14331178	14683560	14379616	1.97	cps
Chromium	52-2	17771	18442	17177	17797	3.56	cps
Cobalt	59-2	2003	1880	1873	1919	3.82	cps
Copper	63-2	9530	9803	9713	9682	1.44	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	4446456	4426203	4564770	4479143	1.67	cps
Holmium	165-2	2212173	2196646	2227824	2212214	0.70	cps
Indium	115-1	4231947	4371871	4328400	4310740	1.66	cps
Indium	115-2	630319	639443	631549	633770	0.78	cps
Iron	54-2	3418357	3503592	3463145	3461698	1.23	cps
Iron	56-2	63982497	62871876	63483406	63445926	0.88	cps
Iron	57-2	1634462	1607329	1613511	1618434	0.88	cps
Krypton	83-1	1237	1250	1360	1282	5.28	cps
Lead	207-1	7041	7853	7986	7626	6.71	cps
Lead	208-1	33195	36220	36977	35464	5.64	cps
Lead	206-1	9098	9192	9620	9303	2.99	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:34:06	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	615197	618537	620342	618025	0.42	cps
Magnesium	24-2	4007960	3959992	3846994	3938315	2.10	cps
Manganese	55-2	2890	2944	3060	2965	2.93	cps
Molybdenum	94-1	1885913	1890564	1961919	1912799	2.23	cps
Molybdenum	95-1	3330171	3306605	3474424	3370400	2.70	cps
Molybdenum	96-1	3550617	3628810	3664859	3614762	1.62	cps
Molybdenum	97-1	2049477	2098840	2078242	2075520	1.19	cps
Molybdenum	98-1	5219935	5306028	5415374	5313779	1.84	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	2464	2427	2430	2440	0.83	cps
Phosphorus	31-2	92252	89953	90464	90890	1.33	cps
Potassium	39-2	3439129	3438447	3422169	3433248	0.28	cps
Rhodium	103-1	4173353	4173028	4181648	4176010	0.12	cps
Rhodium	103-2	1970173	1932144	1944290	1948869	1.00	cps
Scandium	45-1	2627696	2743973	2675664	2682444	2.18	cps
Scandium	45-2	75536	77317	74731	75861	1.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	41	27	37	24.30	cps
Selenium	82-1	56	-85	-118	-49	-188.79	cps
Silicon	28-1	546128	554529	558817	553158	1.17	cps
Silver	109-1	33	75	108	72	52.04	cps
Silver	107-1	58	100	142	100	41.67	cps
Sodium	23-2	7892075	7908102	7908977	7903052	0.12	cps
Strontium	86-1	37493	39615	39389	38832	3.00	cps
Strontium	88-1	306930	310591	320246	312589	2.20	cps
Sulfur	34-1	1220016	1246279	1213395	1226563	1.42	cps
Terbium	159-1	4773866	4842120	4718773	4778253	1.29	cps
Terbium	159-2	2212942	2252800	2214331	2226691	1.02	cps
Thallium	203-1	133	150	225	169	28.82	cps
Thallium	205-1	208	333	492	344	41.22	cps
Tin	118-1	2117	2142	2159	2139	0.98	cps
Titanium	47-1	886030	896331	918903	900421	1.87	cps
Uranium	238-1	142	133	125	133	6.25	cps
Vanadium	51-2	130	110	127	122	8.77	cps
Yttrium	89-1	4841386	4882790	4886288	4870155	0.51	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:34:06	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	498260	502775	496336	499124	0.66	cps
Zinc	66-2	1683	1770	1623	1692	4.36	cps
Zirconium	90-1	375	258	283	306	20.10	cps
Zirconium	91-1	92	67	50	69	30.20	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:36:57	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1311618	1271177	1289708	1290834	1.57	cps
Antimony	121-1	75727	76983	79021	77244	2.15	cps
Arsenic	75-2	2338	2306	2300	2315	0.88	cps
Barium	135-1	16093	17303	16252	16549	3.97	cps
Barium	137-1	27595	27812	29007	28138	2.70	cps
Beryllium	9-1	7749	8137	7989	7958	2.46	cps
Bismuth	209-1	2562439	2537386	2598768	2566198	1.20	cps
Bismuth	209-2	1451047	1439815	1454014	1448292	0.52	cps
Boron	11-1	8233	8761	8917	8637	4.15	cps
Boron	10-1	1742	1752	1766	1753	0.69	cps
Bromine	81-1	3454	3634	3794	3628	4.69	cps
Cadmium	106-1	2684	2525	2534	2581	3.45	cps
Cadmium	108-1	1738	1571	1629	1646	5.14	cps
Cadmium	111-1	17281	17528	17431	17413	0.72	cps
Calcium	43-1	868258	881879	886369	878835	1.07	cps
Calcium	44-1	14359611	14341840	14488235	14396562	0.55	cps
Chromium	52-2	34114	33777	33366	33752	1.11	cps
Cobalt	59-2	34031	32571	33018	33206	2.25	cps
Copper	63-2	35778	35284	35007	35356	1.11	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	25	42	8	25	66.68	cps
Erbium	164-2	17	23	10	17	39.99	cps
Gadolinium	160-1	67	50	67	61	15.75	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	4517900	4532211	4486198	4512103	0.52	cps
Holmium	165-2	2194200	2212001	2206345	2204182	0.41	cps
Indium	115-1	4347400	4365161	4262361	4324974	1.27	cps
Indium	115-2	644168	648037	631669	641291	1.33	cps
Iron	54-2	3510597	3423320	3421884	3451933	1.47	cps
Iron	56-2	64456664	64284663	63098301	63946543	1.16	cps
Iron	57-2	1653683	1635608	1618716	1636002	1.07	cps
Krypton	83-1	1190	1440	1330	1320	9.49	cps
Lead	207-1	38847	39744	39265	39286	1.14	cps
Lead	208-1	179057	183250	182752	181686	1.26	cps
Lead	206-1	46244	46712	48396	47117	2.40	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:36:57	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	615730	620292	616946	617656	0.38	cps
Magnesium	24-2	4048937	3973949	3869689	3964192	2.27	cps
Manganese	55-2	10454	10431	10074	10319	2.07	cps
Molybdenum	94-1	2017896	2063417	2019773	2033695	1.27	cps
Molybdenum	95-1	3388990	3443067	3418734	3416930	0.79	cps
Molybdenum	96-1	3651316	3736517	3767514	3718449	1.62	cps
Molybdenum	97-1	2074908	2163059	2121831	2119932	2.08	cps
Molybdenum	98-1	5474902	5487910	5412191	5458334	0.74	cps
Neodymium	150-1	20	33	13	22	45.83	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	11438	11031	10961	11143	2.31	cps
Phosphorus	31-2	91925	91061	91060	91349	0.55	cps
Potassium	39-2	3488971	3427647	3418607	3445075	1.11	cps
Rhodium	103-1	4182108	4169632	4153264	4168335	0.35	cps
Rhodium	103-2	2017569	1979330	1974777	1990559	1.18	cps
Scandium	45-1	2651912	2644851	2647813	2648192	0.13	cps
Scandium	45-2	75843	74965	74854	75220	0.72	cps
Selenium	77-2	27	20	30	26	19.92	cps
Selenium	78-2	140	140	140	140	0.00	cps
Selenium	82-1	1198	956	1052	1069	11.38	cps
Silicon	28-1	614000	626481	623214	621232	1.04	cps
Silver	109-1	74694	78415	79203	77438	3.11	cps
Silver	107-1	78717	82832	82840	81463	2.92	cps
Sodium	23-2	8000384	7817145	7669650	7829060	2.12	cps
Strontium	86-1	70160	73744	72850	72251	2.58	cps
Strontium	88-1	597290	611818	607126	605411	1.22	cps
Sulfur	34-1	1198971	1221873	1232469	1217771	1.41	cps
Terbium	159-1	4746594	4810528	4807234	4788119	0.75	cps
Terbium	159-2	2234605	2221563	2162589	2206252	1.74	cps
Thallium	203-1	45983	46542	47094	46540	1.19	cps
Thallium	205-1	106922	111201	109737	109287	1.99	cps
Tin	118-1	82339	85761	86716	84939	2.71	cps
Titanium	47-1	913199	924504	916231	917978	0.64	cps
Uranium	238-1	200538	200168	203418	201374	0.88	cps
Vanadium	51-2	13483	13086	12622	13064	3.30	cps
Yttrium	89-1	4755345	4948171	4898901	4867472	2.06	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:36:57	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	505966	504754	503988	504903	0.20	cps
Zinc	66-2	4898	4657	4704	4753	2.68	cps
Zirconium	90-1	181343	187955	189157	186152	2.26	cps
Zirconium	91-1	40510	41789	40443	40914	1.85	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:39:44	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	756169	748719	748660	751182	0.57	cps
Antimony	121-1	1823881	1893070	1867703	1861551	1.88	cps
Arsenic	75-2	57826	58221	59150	58399	1.16	cps
Barium	135-1	1930265	1947774	1913322	1930454	0.89	cps
Barium	137-1	3352212	3355021	3350870	3352701	0.06	cps
Beryllium	9-1	197474	201998	201096	200189	1.20	cps
Bismuth	209-1	2618649	2534270	2674086	2609002	2.70	cps
Bismuth	209-2	1458663	1460081	1377441	1432062	3.30	cps
Boron	11-1	64502	74424	80009	72978	10.76	cps
Boron	10-1	12465	14566	15681	14237	11.47	cps
Bromine	81-1	3144	2983	2943	3023	3.50	cps
Cadmium	106-1	43277	43762	43820	43620	0.68	cps
Cadmium	108-1	30751	30137	30175	30354	1.13	cps
Cadmium	111-1	421645	421325	420203	421057	0.18	cps
Calcium	43-1	2185961	2173584	2277279	2212275	2.56	cps
Calcium	44-1	35912092	36305931	36801012	36339679	1.23	cps
Chromium	52-2	440059	434013	431404	435159	1.02	cps
Cobalt	59-2	801908	794753	804965	800542	0.65	cps
Copper	63-2	1244555	1261827	1264479	1256954	0.86	cps
Dysprosium	156-1	117	58	133	103	38.32	cps
Dysprosium	156-2	50	40	53	48	14.52	cps
Erbium	164-1	25	83	17	42	87.18	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	125	100	125	117	12.37	cps
Gadolinium	160-2	60	67	73	67	10.00	cps
Holmium	165-1	4511392	4575635	4580065	4555697	0.84	cps
Holmium	165-2	2238349	2209829	2149093	2199090	2.07	cps
Indium	115-1	4365698	4306419	4372734	4348284	0.84	cps
Indium	115-2	646384	659748	614161	640098	3.66	cps
Iron	54-2	4436420	4382378	4443536	4420778	0.76	cps
Iron	56-2	80388293	82241366	80147788	80925816	1.42	cps
Iron	57-2	2108748	2110819	2049509	2089692	1.67	cps
Krypton	83-1	1290	1250	1273	1271	1.58	cps
Lead	207-1	819968	833757	826514	826746	0.83	cps
Lead	208-1	3818316	3875399	3840858	3844858	0.75	cps
Lead	206-1	937744	948684	950089	945506	0.71	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:39:44	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	618977	630024	625861	624954	0.89	cps
Magnesium	24-2	10132181	10297071	9980029	10136427	1.56	cps
Manganese	55-2	383041	388908	388003	386650	0.82	cps
Molybdenum	94-1	3557630	3609783	3582792	3583402	0.73	cps
Molybdenum	95-1	4405374	4429131	4334484	4389663	1.12	cps
Molybdenum	96-1	4959739	4883501	5036824	4960021	1.55	cps
Molybdenum	97-1	2755194	2679201	2736367	2723588	1.45	cps
Molybdenum	98-1	7071748	6992263	7087179	7050397	0.72	cps
Neodymium	150-1	93	80	80	84	9.12	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	224137	223926	226976	225013	0.76	cps
Phosphorus	31-2	10112	10029	9937	10026	0.87	cps
Potassium	39-2	4481173	4389251	4489760	4453395	1.25	cps
Rhodium	103-1	4205491	4128550	4099381	4144474	1.32	cps
Rhodium	103-2	1977235	1989328	1871775	1946113	3.32	cps
Scandium	45-1	2698139	2744759	2747454	2730117	1.02	cps
Scandium	45-2	78105	76640	70965	75237	5.01	cps
Selenium	77-2	717	790	767	758	4.94	cps
Selenium	78-2	2567	2665	2591	2607	1.96	cps
Selenium	82-1	27865	27955	27589	27803	0.69	cps
Silicon	28-1	1273498	1356700	1383242	1337814	4.28	cps
Silver	109-1	2071462	2081814	2097025	2083434	0.62	cps
Silver	107-1	2152505	2177171	2154706	2161461	0.63	cps
Sodium	23-2	18998741	19453467	18985766	19145991	1.39	cps
Strontium	86-1	557999	557781	552743	556174	0.53	cps
Strontium	88-1	4748169	4903459	4767936	4806521	1.76	cps
Sulfur	34-1	431931	437020	439936	436296	0.93	cps
Terbium	159-1	4860698	4763250	4900783	4841577	1.46	cps
Terbium	159-2	2244130	2227238	2098403	2189924	3.64	cps
Thallium	203-1	1158949	1170767	1186632	1172116	1.19	cps
Thallium	205-1	2783412	2805613	2826644	2805223	0.77	cps
Tin	118-1	1337921	1333683	1347344	1339649	0.52	cps
Titanium	47-1	1159709	1187710	1175057	1174159	1.19	cps
Uranium	238-1	3451998	3396110	3450101	3432736	0.92	cps
Vanadium	51-2	337308	340153	343110	340191	0.85	cps
Yttrium	89-1	5107986	5082743	5087128	5092619	0.26	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:39:44	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	514711	515944	479296	503317	4.14	cps
Zinc	66-2	160040	158152	161671	159954	1.10	cps
Zirconium	90-1	3083544	3064839	3053007	3067130	0.50	cps
Zirconium	91-1	680406	685237	674255	679966	0.81	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:52:25	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700	600	653	651	7.68	cps
Antimony	121-1	7361	7486	7310	7386	1.22	cps
Arsenic	75-2	102	120	124	115	10.16	cps
Barium	135-1	7377	7694	7877	7650	3.31	cps
Barium	137-1	12731	13958	13457	13382	4.61	cps
Beryllium	9-1	478	366	466	437	14.08	cps
Bismuth	209-1	2626041	2611692	2578043	2605259	0.95	cps
Bismuth	209-2	1440633	1430124	1440716	1437158	0.42	cps
Boron	11-1	5612	5890	6148	5883	4.56	cps
Boron	10-1	1100	1252	1196	1182	6.50	cps
Bromine	81-1	2343	2723	2883	2650	10.48	cps
Cadmium	106-1	1058	1025	1108	1064	3.94	cps
Cadmium	108-1	46	54	38	46	18.19	cps
Cadmium	111-1	1521	1634	1675	1610	4.93	cps
Calcium	43-1	4884	4784	4801	4823	1.11	cps
Calcium	44-1	127950	124025	125319	125764	1.59	cps
Chromium	52-2	3144	3110	3520	3258	6.99	cps
Cobalt	59-2	1550	1660	1560	1590	3.83	cps
Copper	63-2	2757	2804	2530	2697	5.42	cps
Dysprosium	156-1	42	0	33	25	88.19	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	50	8	8	22	108.27	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	50	108	33	64	61.65	cps
Gadolinium	160-2	7	0	13	7	99.98	cps
Holmium	165-1	4435719	4445909	4388649	4423426	0.69	cps
Holmium	165-2	2129506	2141577	2158010	2143031	0.67	cps
Indium	115-1	4299729	4319467	4304493	4307896	0.24	cps
Indium	115-2	626749	617107	631218	625025	1.15	cps
Iron	54-2	2195	2322	2267	2261	2.83	cps
Iron	56-2	37377	37383	37288	37349	0.14	cps
Iron	57-2	1033	994	995	1007	2.23	cps
Krypton	83-1	1367	1320	1283	1323	3.16	cps
Lead	207-1	1728	1811	1895	1811	4.60	cps
Lead	208-1	8351	8190	8407	8316	1.35	cps
Lead	206-1	2178	2145	2178	2167	0.89	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:52:25	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	601343	594763	596390	597499	0.57	cps
Magnesium	24-2	21299	20682	21132	21038	1.52	cps
Manganese	55-2	513	500	403	472	12.71	cps
Molybdenum	94-1	7327	7302	7777	7469	3.58	cps
Molybdenum	95-1	9562	9195	8661	9139	4.95	cps
Molybdenum	96-1	9779	10488	9820	10029	3.97	cps
Molybdenum	97-1	5368	5443	5326	5379	1.10	cps
Molybdenum	98-1	14583	13891	15000	14491	3.87	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	543	527	580	550	4.96	cps
Phosphorus	31-2	342	175	217	244	35.48	cps
Potassium	39-2	33214	33172	33189	33192	0.06	cps
Rhodium	103-1	4142597	4171885	4276476	4196986	1.68	cps
Rhodium	103-2	1946062	1913032	1965750	1941615	1.37	cps
Scandium	45-1	2613111	2577230	2572850	2587730	0.85	cps
Scandium	45-2	73565	71223	71963	72250	1.66	cps
Selenium	77-2	7	13	13	11	34.61	cps
Selenium	78-2	64	69	55	63	11.32	cps
Selenium	82-1	175	241	185	200	17.63	cps
Silicon	28-1	493933	492822	493890	493549	0.13	cps
Silver	109-1	3742	3801	3609	3717	2.64	cps
Silver	107-1	3959	3701	3967	3876	3.91	cps
Sodium	23-2	64192	63656	63096	63648	0.86	cps
Strontium	86-1	3284	3075	2809	3056	7.79	cps
Strontium	88-1	8686	9412	9095	9064	4.01	cps
Sulfur	34-1	338277	346422	341941	342213	1.19	cps
Terbium	159-1	4693623	4669792	4677736	4680384	0.26	cps
Terbium	159-2	2134370	2144605	2122522	2133833	0.52	cps
Thallium	203-1	2400	2300	2242	2314	3.46	cps
Thallium	205-1	5785	5918	5535	5746	3.39	cps
Tin	118-1	13882	14166	13415	13821	2.74	cps
Titanium	47-1	3267	3275	3275	3273	0.15	cps
Uranium	238-1	6402	6519	6669	6530	2.05	cps
Vanadium	51-2	3654	3594	3430	3559	3.25	cps
Yttrium	89-1	4808507	4667661	4738955	4738374	1.49	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:52:25	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	482615	474502	484504	480540	1.11	cps
Zinc	66-2	393	417	493	434	12.04	cps
Zirconium	90-1	6001	5743	5910	5885	2.23	cps
Zirconium	91-1	1150	1492	1392	1345	13.07	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:55:15	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	333	383	378	11.10	cps
Antimony	121-1	33	25	33	31	15.74	cps
Arsenic	75-2	1	4	3	3	57.28	cps
Barium	135-1	17	25	42	28	45.82	cps
Barium	137-1	8	42	25	25	66.68	cps
Beryllium	9-1	10	10	16	12	28.87	cps
Bismuth	209-1	2575919	2559581	2543580	2559693	0.63	cps
Bismuth	209-2	1433772	1447877	1400384	1427344	1.71	cps
Boron	11-1	3144	2946	3002	3030	3.37	cps
Boron	10-1	594	578	542	571	4.66	cps
Bromine	81-1	2773	2533	2633	2646	4.56	cps
Cadmium	106-1	750	908	775	811	10.49	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Cadmium	111-1	529	655	552	579	11.58	cps
Calcium	43-1	592	650	650	631	5.34	cps
Calcium	44-1	51694	52204	52128	52009	0.53	cps
Chromium	52-2	1507	1347	1483	1446	5.98	cps
Cobalt	59-2	33	50	30	38	28.37	cps
Copper	63-2	213	173	140	176	20.92	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	13	17	3	11	62.48	cps
Gadolinium	160-1	8	8	33	17	86.62	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	4405785	4412385	4424781	4414317	0.22	cps
Holmium	165-2	2128041	2072466	2080431	2093646	1.44	cps
Indium	115-1	4282083	4236834	4214334	4244417	0.81	cps
Indium	115-2	624032	623896	606150	618026	1.66	cps
Iron	54-2	472	433	361	422	13.35	cps
Iron	56-2	2767	2889	2678	2778	3.82	cps
Iron	57-2	72	78	67	72	7.69	cps
Krypton	83-1	1337	1387	1253	1326	5.08	cps
Lead	207-1	139	200	156	165	19.17	cps
Lead	208-1	822	850	728	800	8.01	cps
Lead	206-1	183	156	139	159	14.10	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:55:15	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	593645	598274	587258	593059	0.93	cps
Magnesium	24-2	100	150	150	133	21.65	cps
Manganese	55-2	77	67	67	70	8.25	cps
Molybdenum	94-1	92	117	133	114	18.41	cps
Molybdenum	95-1	83	67	108	86	24.35	cps
Molybdenum	96-1	75	58	192	108	67.06	cps
Molybdenum	97-1	8	25	25	19	49.50	cps
Molybdenum	98-1	42	50	8	33	66.15	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	60	70	61	13.73	cps
Phosphorus	31-2	225	258	192	225	14.82	cps
Potassium	39-2	14800	15100	15667	15189	2.90	cps
Rhodium	103-1	4158248	4080590	4138978	4125939	0.98	cps
Rhodium	103-2	1952963	1965342	1895929	1938078	1.91	cps
Scandium	45-1	2533235	2553786	2512388	2533136	0.82	cps
Scandium	45-2	70747	73342	68696	70928	3.28	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	34	34	44	37	15.46	cps
Selenium	82-1	-34	-141	3	-57	-130.87	cps
Silicon	28-1	480269	474810	473069	476050	0.79	cps
Silver	109-1	33	42	17	31	41.66	cps
Silver	107-1	17	42	50	36	48.03	cps
Sodium	23-2	21875	22351	22368	22198	1.26	cps
Strontium	86-1	2084	1925	1992	2000	3.97	cps
Strontium	88-1	75	67	50	64	19.92	cps
Sulfur	34-1	341525	341466	338658	340550	0.48	cps
Terbium	159-1	4609152	4622404	4515951	4582502	1.27	cps
Terbium	159-2	2158298	2163430	2069068	2130265	2.49	cps
Thallium	203-1	142	167	100	136	24.74	cps
Thallium	205-1	250	308	342	300	15.47	cps
Tin	118-1	217	167	167	183	15.75	cps
Titanium	47-1	900	942	933	925	2.38	cps
Uranium	238-1	25	17	8	17	50.01	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	4771949	4810971	4673031	4751984	1.50	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:55:15	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	477297	478179	460975	472150	2.05	cps
Zinc	66-2	63	117	110	97	30.06	cps
Zirconium	90-1	158	242	292	231	29.22	cps
Zirconium	91-1	58	92	42	64	39.85	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:58:03	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	707	670	653	677	4.03	cps
Antimony	121-1	6944	7352	7536	7277	4.16	cps
Arsenic	75-2	101	143	116	120	17.74	cps
Barium	135-1	7227	7736	8103	7688	5.72	cps
Barium	137-1	13557	13048	13207	13271	1.96	cps
Beryllium	9-1	402	414	396	404	2.27	cps
Bismuth	209-1	2604041	2567442	2696896	2622793	2.54	cps
Bismuth	209-2	1439792	1422285	1427644	1429907	0.63	cps
Boron	11-1	4576	5196	5222	4998	7.32	cps
Boron	10-1	934	1046	1102	1027	8.33	cps
Bromine	81-1	2683	2383	2733	2600	7.29	cps
Cadmium	106-1	842	1000	942	928	8.63	cps
Cadmium	108-1	79	58	63	67	16.54	cps
Cadmium	111-1	1409	1501	1491	1467	3.44	cps
Calcium	43-1	4768	5293	4843	4968	5.72	cps
Calcium	44-1	126604	124706	123629	124980	1.21	cps
Chromium	52-2	3164	3264	3164	3197	1.81	cps
Cobalt	59-2	1517	1657	1630	1601	4.64	cps
Copper	63-2	2934	2864	2794	2864	2.44	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	17	0	6	173.21	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	10	7	20	12	56.76	cps
Holmium	165-1	4415593	4362689	4508329	4428871	1.66	cps
Holmium	165-2	2192314	2114429	2121755	2142833	2.01	cps
Indium	115-1	4148054	4176172	4405949	4243392	3.33	cps
Indium	115-2	630958	624081	617902	624314	1.05	cps
Iron	54-2	2450	2278	2072	2267	8.34	cps
Iron	56-2	37249	37165	36786	37067	0.66	cps
Iron	57-2	989	878	1089	985	10.72	cps
Krypton	83-1	1200	1290	1247	1246	3.61	cps
Lead	207-1	1828	1839	1750	1806	2.68	cps
Lead	208-1	8307	7857	7934	8033	3.00	cps
Lead	206-1	1989	1989	1945	1974	1.30	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:58:03	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	595700	589691	600137	595176	0.88	cps
Magnesium	24-2	21099	21550	20623	21091	2.20	cps
Manganese	55-2	490	470	493	484	2.61	cps
Molybdenum	94-1	7360	7185	7436	7327	1.75	cps
Molybdenum	95-1	9495	8745	9262	9167	4.19	cps
Molybdenum	96-1	10179	10479	10004	10221	2.35	cps
Molybdenum	97-1	5259	5360	5635	5418	3.59	cps
Molybdenum	98-1	15142	14124	14658	14641	3.48	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	560	550	620	577	6.56	cps
Phosphorus	31-2	275	450	267	331	31.32	cps
Potassium	39-2	32462	32863	33081	32802	0.96	cps
Rhodium	103-1	4180760	4148007	4284771	4204513	1.70	cps
Rhodium	103-2	1964075	1908550	1963122	1945249	1.63	cps
Scandium	45-1	2610022	2578030	2592966	2593673	0.62	cps
Scandium	45-2	72633	71682	71712	72009	0.75	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	69	70	58	66	10.14	cps
Selenium	82-1	330	127	256	238	43.10	cps
Silicon	28-1	492460	497197	497276	495644	0.56	cps
Silver	109-1	3884	3626	3692	3734	3.59	cps
Silver	107-1	3834	3959	4401	4065	7.33	cps
Sodium	23-2	63924	63430	60242	62532	3.20	cps
Strontium	86-1	2984	3459	2950	3131	9.08	cps
Strontium	88-1	8786	9370	9770	9309	5.32	cps
Sulfur	34-1	334892	341620	343769	340094	1.36	cps
Terbium	159-1	4675540	4519922	4825098	4673520	3.27	cps
Terbium	159-2	2135398	2079677	2128998	2114691	1.44	cps
Thallium	203-1	2500	2225	2675	2467	9.20	cps
Thallium	205-1	5918	5451	5643	5671	4.14	cps
Tin	118-1	13515	13849	13908	13757	1.54	cps
Titanium	47-1	3025	3242	3384	3217	5.61	cps
Uranium	238-1	6235	6485	6385	6368	1.98	cps
Vanadium	51-2	3434	3474	3537	3482	1.50	cps
Yttrium	89-1	4746526	4765921	4770733	4761060	0.27	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 14:58:03	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	486972	483352	477558	482627	0.98	cps
Zinc	66-2	410	430	437	426	3.26	cps
Zirconium	90-1	6001	5901	5826	5910	1.49	cps
Zirconium	91-1	1283	1442	1442	1389	6.58	cps

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : PB126282BL Instrumnet Name : P8
 Client Sample ID : PB126282BL Dilution Factor : 1
 Date & Time Acquired :: 2020-01-23 15:00:53 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	410	360	387	386	6.49	cps
Antimony	121-1	25	42	25	31	31.50	cps
Arsenic	75-2	1	4	5	3	62.45	cps
Barium	135-1	0	17	17	11	86.60	cps
Barium	137-1	17	33	42	31	41.66	cps
Beryllium	9-1	18	14	18	17	13.86	cps
Bismuth	209-1	2574450	2562916	2558727	2565364	0.32	cps
Bismuth	209-2	1432010	1435073	1444272	1437118	0.44	cps
Boron	11-1	2630	2382	2324	2445	6.65	cps
Boron	10-1	514	500	460	491	5.70	cps
Bromine	81-1	2463	2603	2753	2606	5.57	cps
Cadmium	106-1	767	800	942	836	11.11	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Cadmium	111-1	542	572	688	601	12.89	cps
Calcium	43-1	608	625	700	644	7.58	cps
Calcium	44-1	51944	52388	51886	52072	0.53	cps
Chromium	52-2	1433	1533	1517	1495	3.59	cps
Cobalt	59-2	27	43	53	41	32.76	cps
Copper	63-2	157	140	177	158	11.64	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	33	8	28	62.46	cps
Erbium	164-2	13	17	17	16	12.40	cps
Gadolinium	160-1	50	75	50	58	24.74	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	4344314	4390855	4508894	4414688	1.92	cps
Holmium	165-2	2117876	2114053	2107961	2113297	0.24	cps
Indium	115-1	4277478	4332009	4262891	4290793	0.85	cps
Indium	115-2	611612	623022	624369	619668	1.13	cps
Iron	54-2	328	389	422	380	12.62	cps
Iron	56-2	2573	2611	2861	2682	5.85	cps
Iron	57-2	100	89	106	98	8.65	cps
Krypton	83-1	1250	1347	1350	1316	4.32	cps
Lead	207-1	128	100	139	122	16.39	cps
Lead	208-1	533	478	528	513	5.96	cps
Lead	206-1	161	83	133	126	31.30	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BL	Instrumnet Name :	P8
Client Sample ID :	PB126282BL	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:00:53	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	597444	603315	598918	599893	0.51	cps
Magnesium	24-2	200	150	158	169	15.81	cps
Manganese	55-2	83	93	103	93	10.72	cps
Molybdenum	94-1	83	158	200	147	40.16	cps
Molybdenum	95-1	42	33	33	36	13.33	cps
Molybdenum	96-1	150	83	117	117	28.57	cps
Molybdenum	97-1	8	17	17	14	34.67	cps
Molybdenum	98-1	33	58	58	50	28.87	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	53	57	67	59	11.79	cps
Phosphorus	31-2	233	225	225	228	2.11	cps
Potassium	39-2	15259	14649	14866	14925	2.07	cps
Rhodium	103-1	4095575	4213377	4279958	4196303	2.23	cps
Rhodium	103-2	1920837	1953176	1970728	1948247	1.30	cps
Scandium	45-1	2498772	2591591	2576977	2555780	1.95	cps
Scandium	45-2	72003	71065	73149	72073	1.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	42	44	41	42	3.61	cps
Selenium	82-1	43	-90	-181	-76	-147.74	cps
Silicon	28-1	479114	477449	482550	479704	0.54	cps
Silver	109-1	42	8	17	22	78.07	cps
Silver	107-1	33	67	42	47	36.74	cps
Sodium	23-2	22092	22401	22459	22318	0.88	cps
Strontium	86-1	2209	1909	2100	2072	7.33	cps
Strontium	88-1	92	92	100	94	5.09	cps
Sulfur	34-1	344220	347026	341891	344379	0.75	cps
Terbium	159-1	4695289	4672867	4666809	4678322	0.32	cps
Terbium	159-2	2101953	2150109	2147204	2133089	1.27	cps
Thallium	203-1	83	83	167	111	43.30	cps
Thallium	205-1	283	283	233	267	10.83	cps
Tin	118-1	233	233	250	239	4.03	cps
Titanium	47-1	892	1083	775	917	16.98	cps
Uranium	238-1	8	33	17	19	65.47	cps
Vanadium	51-2	27	10	13	17	52.93	cps
Yttrium	89-1	4647855	4762423	4674460	4694913	1.28	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BL	Instrumnet Name :	P8
Client Sample ID :	PB126282BL	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:00:53	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	475189	479675	482337	479067	0.75	cps
Zinc	66-2	67	83	93	81	16.60	cps
Zirconium	90-1	308	350	225	294	21.62	cps
Zirconium	91-1	92	58	83	78	22.30	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BS	Instrumnet Name :	P8
Client Sample ID :	PB126282BS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:03:42	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146850	147306	146743	146966	0.20	cps
Antimony	121-1	1939699	2032440	1990220	1987453	2.34	cps
Arsenic	75-2	59275	60542	59252	59690	1.24	cps
Barium	135-1	1997969	2063082	2043743	2034931	1.64	cps
Barium	137-1	3347673	3534217	3479307	3453732	2.78	cps
Beryllium	9-1	203632	202962	207100	204565	1.09	cps
Bismuth	209-1	2737175	2263470	2586606	2529084	9.57	cps
Bismuth	209-2	1476865	1477638	1508962	1487822	1.23	cps
Boron	11-1	54708	63841	73656	64069	14.79	cps
Boron	10-1	10244	12693	14186	12374	16.09	cps
Bromine	81-1	2783	2983	2993	2920	4.06	cps
Cadmium	106-1	44272	44773	46245	45097	2.27	cps
Cadmium	108-1	30655	32689	31962	31769	3.24	cps
Cadmium	111-1	437023	449596	447432	444684	1.51	cps
Calcium	43-1	461841	469940	484583	472122	2.44	cps
Calcium	44-1	7656007	7648351	7754035	7686131	0.77	cps
Chromium	52-2	438423	435213	443468	439035	0.95	cps
Cobalt	59-2	831931	830559	825364	829285	0.42	cps
Copper	63-2	1315643	1313375	1316194	1315071	0.11	cps
Dysprosium	156-1	58	17	33	36	58.07	cps
Dysprosium	156-2	7	17	23	16	53.90	cps
Erbium	164-1	58	33	17	36	58.07	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	67	108	33	69	54.12	cps
Gadolinium	160-2	27	23	27	26	7.55	cps
Holmium	165-1	4598203	3939661	4602250	4380038	8.71	cps
Holmium	165-2	2208698	2256599	2229837	2231711	1.08	cps
Indium	115-1	4438405	3761993	4290752	4163717	8.54	cps
Indium	115-2	640570	656167	653585	650107	1.29	cps
Iron	54-2	934591	941502	940228	938774	0.39	cps
Iron	56-2	16983044	17115236	17081064	17059781	0.40	cps
Iron	57-2	427594	435104	423584	428761	1.36	cps
Krypton	83-1	1387	1270	1333	1330	4.39	cps
Lead	207-1	854191	872731	867629	864850	1.11	cps
Lead	208-1	3999641	4124582	4024649	4049624	1.63	cps
Lead	206-1	989852	1018720	1005782	1004785	1.44	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BS	Instrumnet Name :	P8
Client Sample ID :	PB126282BS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:03:42	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	613487	540749	601959	585398	6.68	cps
Magnesium	24-2	2131777	2149292	2191388	2157486	1.42	cps
Manganese	55-2	392937	393144	388297	391459	0.70	cps
Molybdenum	94-1	3633832	3796608	3714822	3715087	2.19	cps
Molybdenum	95-1	4591666	4515683	4570958	4559436	0.86	cps
Molybdenum	96-1	4967512	5149420	5237391	5118108	2.69	cps
Molybdenum	97-1	2776749	2882754	2814914	2824806	1.90	cps
Molybdenum	98-1	7256214	7274684	7318199	7283032	0.44	cps
Neodymium	150-1	60	67	47	58	17.62	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	230439	233809	231341	231863	0.75	cps
Phosphorus	31-2	9687	10079	9879	9881	1.98	cps
Potassium	39-2	949579	930892	938784	939752	1.00	cps
Rhodium	103-1	4448263	3631981	4181562	4087269	10.18	cps
Rhodium	103-2	1995265	2030272	2015321	2013619	0.87	cps
Scandium	45-1	2797036	2270163	2631051	2566084	10.50	cps
Scandium	45-2	76261	77076	77123	76820	0.63	cps
Selenium	77-2	707	780	653	713	8.92	cps
Selenium	78-2	2614	2655	2592	2620	1.22	cps
Selenium	82-1	28288	28764	28394	28482	0.88	cps
Silicon	28-1	1270741	1297138	1350159	1306013	3.10	cps
Silver	109-1	2162759	2225707	2249960	2212809	2.03	cps
Silver	107-1	2247685	2301369	2263270	2270775	1.22	cps
Sodium	23-2	4178664	4227525	4201705	4202631	0.58	cps
Strontium	86-1	570733	574667	559357	568253	1.40	cps
Strontium	88-1	4753406	4888618	4863565	4835196	1.49	cps
Sulfur	34-1	466133	461633	460681	462816	0.63	cps
Terbium	159-1	4996420	4231458	4823524	4683800	8.56	cps
Terbium	159-2	2187275	2215538	2253539	2218784	1.50	cps
Thallium	203-1	1230516	1257200	1257957	1248558	1.25	cps
Thallium	205-1	2974370	3029250	2910164	2971261	2.01	cps
Tin	118-1	1370940	1403952	1400916	1391936	1.31	cps
Titanium	47-1	1192507	1209406	1221544	1207819	1.21	cps
Uranium	238-1	3419016	3599413	3505666	3508032	2.57	cps
Vanadium	51-2	345204	343471	343411	344029	0.30	cps
Yttrium	89-1	4950470	4275440	4844474	4690128	7.74	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	PB126282BS	Instrumnet Name :	P8
Client Sample ID :	PB126282BS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:03:42	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	510115	508660	510039	509604	0.16	cps
Zinc	66-2	164961	166334	165302	165532	0.43	cps
Zirconium	90-1	3022738	3132628	3078584	3077983	1.79	cps
Zirconium	91-1	675609	699030	692867	689168	1.76	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:06:32	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12212	11788	11468	11823	3.16	cps
Antimony	121-1	13474	14350	14041	13955	3.18	cps
Arsenic	75-2	864	900	820	861	4.65	cps
Barium	135-1	152511	157308	156717	155512	1.68	cps
Barium	137-1	264671	271097	272194	269321	1.51	cps
Beryllium	9-1	56	92	56	68	30.56	cps
Bismuth	209-1	2529962	2510127	2556563	2532217	0.92	cps
Bismuth	209-2	1358304	1384211	1379908	1374141	1.01	cps
Boron	11-1	29237	31511	33501	31417	6.79	cps
Boron	10-1	5762	6218	6296	6092	4.74	cps
Bromine	81-1	60321	73517	83481	72440	16.04	cps
Cadmium	106-1	825	883	1042	917	12.23	cps
Cadmium	108-1	21	33	13	22	47.18	cps
Cadmium	111-1	834	928	1033	932	10.69	cps
Calcium	43-1	554729	563846	571767	563448	1.51	cps
Calcium	44-1	8935970	9049436	9259230	9081546	1.81	cps
Chromium	52-2	5158	5158	5454	5257	3.26	cps
Cobalt	59-2	2990	3237	3087	3105	4.00	cps
Copper	63-2	20148	19427	19921	19832	1.86	cps
Dysprosium	156-1	858	900	800	853	5.89	cps
Dysprosium	156-2	403	453	423	427	5.90	cps
Erbium	164-1	742	733	783	753	3.56	cps
Erbium	164-2	327	377	367	357	7.42	cps
Gadolinium	160-1	867	942	867	892	4.86	cps
Gadolinium	160-2	403	413	457	424	6.68	cps
Holmium	165-1	3997505	4032853	4102601	4044320	1.32	cps
Holmium	165-2	1946322	1919837	1991610	1952590	1.86	cps
Indium	115-1	3928920	4015240	4145725	4029962	2.71	cps
Indium	115-2	594364	617808	628733	613635	2.86	cps
Iron	54-2	282157	281562	284148	282622	0.48	cps
Iron	56-2	5269616	5252345	5208039	5243333	0.61	cps
Iron	57-2	131243	131775	130328	131115	0.56	cps
Krypton	83-1	1283	1247	1307	1279	2.37	cps
Lead	207-1	124296	125282	128722	126100	1.84	cps
Lead	208-1	577598	587870	597471	587646	1.69	cps
Lead	206-1	147502	152323	154329	151385	2.32	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:06:32	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	633281	684257	741877	686472	7.91	cps
Magnesium	24-2	440201	442087	438984	440424	0.35	cps
Manganese	55-2	285361	282235	282313	283303	0.63	cps
Molybdenum	94-1	10071	10679	10413	10388	2.94	cps
Molybdenum	95-1	16435	17211	16193	16613	3.20	cps
Molybdenum	96-1	18021	18271	17987	18093	0.86	cps
Molybdenum	97-1	10312	10096	10521	10310	2.06	cps
Molybdenum	98-1	25532	27144	27177	26618	3.53	cps
Neodymium	150-1	1540	1800	1667	1669	7.79	cps
Neodymium	150-2	610	567	523	567	7.65	cps
Nickel	60-2	2537	2567	2650	2585	2.27	cps
Phosphorus	31-2	358	400	258	339	21.49	cps
Potassium	39-2	396602	395159	394257	395339	0.30	cps
Rhodium	103-1	3664819	3886598	3823464	3791627	3.01	cps
Rhodium	103-2	1723623	1762548	1785083	1757084	1.77	cps
Scandium	45-1	2339539	2372977	2448305	2386940	2.33	cps
Scandium	45-2	64136	63865	65137	64379	1.04	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	34	34	34	34	0.00	cps
Selenium	82-1	43	31	20	31	35.19	cps
Silicon	28-1	15105553	15536535	15276711	15306266	1.42	cps
Silver	109-1	1192	1175	1275	1214	4.41	cps
Silver	107-1	1233	1350	1292	1292	4.52	cps
Sodium	23-2	2302809	2266757	2314081	2294549	1.08	cps
Strontium	86-1	356826	363635	370877	363779	1.93	cps
Strontium	88-1	2999174	3100615	3179614	3093134	2.92	cps
Sulfur	34-1	333695	324876	321545	326706	1.92	cps
Terbium	159-1	4263599	4345013	4397307	4335306	1.55	cps
Terbium	159-2	1918092	1929735	1965514	1937780	1.28	cps
Thallium	203-1	2000	1700	875	1525	38.20	cps
Thallium	205-1	5301	3342	2534	3726	38.20	cps
Tin	118-1	41640	53547	57162	50783	15.99	cps
Titanium	47-1	15559	15117	15092	15256	1.72	cps
Uranium	238-1	3251	2909	3092	3084	5.55	cps
Vanadium	51-2	3420	3724	3500	3548	4.43	cps
Yttrium	89-1	4257375	4348277	4519211	4374954	3.04	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:06:32	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	425725	430636	428017	428126	0.57	cps
Zinc	66-2	8399	8426	7966	8264	3.13	cps
Zirconium	90-1	2301	1850	1834	1995	13.30	cps
Zirconium	91-1	475	392	450	439	9.74	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:09:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24952	25355	25305	25204	0.87	cps
Antimony	121-1	10821	11447	11263	11177	2.88	cps
Arsenic	75-2	2435	2458	2559	2484	2.66	cps
Barium	135-1	221168	226615	227222	225002	1.48	cps
Barium	137-1	378961	390716	394190	387956	2.06	cps
Beryllium	9-1	92	96	110	99	9.52	cps
Bismuth	209-1	2517614	2543063	2587651	2549443	1.39	cps
Bismuth	209-2	1368943	1392066	1370963	1377324	0.93	cps
Boron	11-1	26867	28977	31271	29038	7.58	cps
Boron	10-1	5222	5782	6130	5711	8.02	cps
Bromine	81-1	73991	87943	95882	85939	12.90	cps
Cadmium	106-1	917	850	825	864	5.49	cps
Cadmium	108-1	33	25	13	24	44.41	cps
Cadmium	111-1	893	861	848	867	2.70	cps
Calcium	43-1	562299	573980	590076	575452	2.42	cps
Calcium	44-1	9081621	9419744	9363818	9288394	1.95	cps
Chromium	52-2	7069	7085	6872	7008	1.69	cps
Cobalt	59-2	4407	4224	4444	4358	2.71	cps
Copper	63-2	47579	47934	47533	47682	0.46	cps
Dysprosium	156-1	2167	1967	1942	2025	6.09	cps
Dysprosium	156-2	817	957	967	913	9.18	cps
Erbium	164-1	1900	1725	1725	1784	5.67	cps
Erbium	164-2	833	750	853	812	6.75	cps
Gadolinium	160-1	1842	1842	2042	1909	6.05	cps
Gadolinium	160-2	1030	1013	1120	1055	5.44	cps
Holmium	165-1	4116948	4203960	4333485	4218131	2.58	cps
Holmium	165-2	1983594	2006282	1993424	1994433	0.57	cps
Indium	115-1	4205260	4470620	4716463	4464114	5.73	cps
Indium	115-2	637340	646569	646217	643375	0.81	cps
Iron	54-2	942827	922772	934527	933375	1.08	cps
Iron	56-2	17349572	17165454	17515647	17343558	1.01	cps
Iron	57-2	432647	430101	437577	433442	0.88	cps
Krypton	83-1	1507	1250	1327	1361	9.68	cps
Lead	207-1	302109	314526	318880	311839	2.79	cps
Lead	208-1	1416676	1465174	1473948	1451932	2.12	cps
Lead	206-1	364474	379242	380087	374601	2.34	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:09:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	839918	918002	961474	906465	6.79	cps
Magnesium	24-2	442480	439666	432132	438093	1.22	cps
Manganese	55-2	288925	288873	292763	290187	0.77	cps
Molybdenum	94-1	9812	9812	10254	9959	2.56	cps
Molybdenum	95-1	15617	16710	15768	16032	3.70	cps
Molybdenum	96-1	16243	16969	18004	17072	5.18	cps
Molybdenum	97-1	9670	9412	10421	9834	5.33	cps
Molybdenum	98-1	24906	25507	25641	25352	1.54	cps
Neodymium	150-1	3581	3821	3941	3781	4.85	cps
Neodymium	150-2	1290	1180	1377	1282	7.69	cps
Nickel	60-2	4067	4051	4327	4148	3.74	cps
Phosphorus	31-2	617	750	733	700	10.38	cps
Potassium	39-2	382519	378418	384647	381861	0.83	cps
Rhodium	103-1	3807984	3934473	3997862	3913439	2.47	cps
Rhodium	103-2	1801645	1806076	1762962	1790228	1.32	cps
Scandium	45-1	2312347	2411203	2417534	2380361	2.48	cps
Scandium	45-2	63721	62934	63155	63270	0.64	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	34	37	39	37	6.86	cps
Selenium	82-1	-135	207	33	35	491.77	cps
Silicon	28-1	17151042	17786057	17781598	17572899	2.08	cps
Silver	109-1	1050	1400	1133	1195	15.31	cps
Silver	107-1	1167	1133	1258	1186	5.46	cps
Sodium	23-2	2252978	2268472	2237377	2252942	0.69	cps
Strontium	86-1	374243	386508	391941	384231	2.36	cps
Strontium	88-1	3189415	3244495	3423293	3285734	3.72	cps
Sulfur	34-1	314159	306732	309606	310166	1.21	cps
Terbium	159-1	4372597	4436037	4553510	4454048	2.06	cps
Terbium	159-2	1984562	2009906	1978774	1991081	0.83	cps
Thallium	203-1	292	258	258	269	7.14	cps
Thallium	205-1	750	675	708	711	5.28	cps
Tin	118-1	67635	75902	76849	73462	6.90	cps
Titanium	47-1	29948	31854	32021	31274	3.68	cps
Uranium	238-1	3209	3626	3551	3462	6.42	cps
Vanadium	51-2	7862	7882	7609	7784	1.96	cps
Yttrium	89-1	4382717	4503149	4606698	4497521	2.49	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:09:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	431361	426750	426043	428052	0.67	cps
Zinc	66-2	18549	18305	17905	18253	1.78	cps
Zirconium	90-1	2859	2900	2650	2803	4.78	cps
Zirconium	91-1	567	767	600	644	16.63	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUP	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:12:10	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11932	11578	11682	11731	1.55	cps
Antimony	121-1	7827	8111	8178	8039	2.31	cps
Arsenic	75-2	891	861	935	896	4.16	cps
Barium	135-1	159886	166532	167130	164516	2.44	cps
Barium	137-1	274761	284549	288091	282467	2.44	cps
Beryllium	9-1	50	62	56	56	10.72	cps
Bismuth	209-1	2545266	2591959	2627593	2588273	1.60	cps
Bismuth	209-2	1370023	1361169	1371829	1367674	0.42	cps
Boron	11-1	26100	29433	31569	29034	9.49	cps
Boron	10-1	5034	5948	6024	5669	9.72	cps
Bromine	81-1	76757	88870	94995	86874	10.68	cps
Cadmium	106-1	742	842	642	742	13.48	cps
Cadmium	108-1	21	29	8	19	53.95	cps
Cadmium	111-1	642	694	564	633	10.30	cps
Calcium	43-1	555457	567745	584867	569356	2.59	cps
Calcium	44-1	9209585	9259961	9626911	9365486	2.43	cps
Chromium	52-2	4908	5258	4818	4994	4.66	cps
Cobalt	59-2	2980	3167	2914	3020	4.35	cps
Copper	63-2	19730	19317	19420	19489	1.11	cps
Dysprosium	156-1	875	875	1025	925	9.36	cps
Dysprosium	156-2	423	407	390	407	4.10	cps
Erbium	164-1	842	758	783	795	5.39	cps
Erbium	164-2	420	360	363	381	8.85	cps
Gadolinium	160-1	850	825	867	847	2.48	cps
Gadolinium	160-2	520	497	490	502	3.14	cps
Holmium	165-1	4164091	4366190	4357658	4295979	2.66	cps
Holmium	165-2	2024284	1989844	1970533	1994887	1.36	cps
Indium	115-1	4326186	4614703	4671789	4537560	4.08	cps
Indium	115-2	625055	629549	638909	631171	1.12	cps
Iron	54-2	279413	282662	281263	281113	0.58	cps
Iron	56-2	5290496	5174657	5343937	5269696	1.64	cps
Iron	57-2	131597	130530	130726	130951	0.43	cps
Krypton	83-1	1200	1310	1297	1269	4.73	cps
Lead	207-1	126870	132279	133419	130856	2.67	cps
Lead	208-1	598742	616717	619737	611732	1.86	cps
Lead	206-1	154887	159892	161082	158621	2.07	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUP	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:12:10	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	987619	1077959	1131227	1065602	6.81	cps
Magnesium	24-2	429312	425165	436451	430309	1.33	cps
Manganese	55-2	279438	276616	277538	277864	0.52	cps
Molybdenum	94-1	10738	10796	10488	10674	1.53	cps
Molybdenum	95-1	16694	16911	17161	16922	1.38	cps
Molybdenum	96-1	18179	19157	18655	18664	2.62	cps
Molybdenum	97-1	10271	10805	10963	10679	3.40	cps
Molybdenum	98-1	26943	27019	27803	27255	1.75	cps
Neodymium	150-1	1860	1700	1600	1720	7.63	cps
Neodymium	150-2	550	543	587	560	4.17	cps
Nickel	60-2	2604	2494	2500	2532	2.44	cps
Phosphorus	31-2	292	325	350	322	9.08	cps
Potassium	39-2	371809	377558	376722	375363	0.83	cps
Rhodium	103-1	3891155	4015442	4058743	3988447	2.18	cps
Rhodium	103-2	1796269	1749097	1792873	1779413	1.48	cps
Scandium	45-1	2367797	2394329	2474009	2412045	2.29	cps
Scandium	45-2	62984	62767	62694	62815	0.24	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	24	47	43	38	32.34	cps
Selenium	82-1	188	62	-31	73	151.19	cps
Silicon	28-1	14871420	15544115	15680553	15365362	2.82	cps
Silver	109-1	750	700	708	719	3.72	cps
Silver	107-1	683	942	825	817	15.84	cps
Sodium	23-2	2260902	2257733	2324265	2280967	1.65	cps
Strontium	86-1	362942	382159	381729	375610	2.92	cps
Strontium	88-1	3112123	3256906	3195391	3188140	2.28	cps
Sulfur	34-1	315303	309388	308048	310913	1.24	cps
Terbium	159-1	4429814	4563888	4611093	4534931	2.07	cps
Terbium	159-2	2013098	1987251	1953200	1984516	1.51	cps
Thallium	203-1	133	133	67	111	34.64	cps
Thallium	205-1	433	342	225	333	31.33	cps
Tin	118-1	33951	37686	39775	37137	7.94	cps
Titanium	47-1	16318	15634	20083	17345	13.81	cps
Uranium	238-1	2867	3242	3384	3164	8.44	cps
Vanadium	51-2	3554	3604	3564	3574	0.74	cps
Yttrium	89-1	4401407	4641729	4562946	4535361	2.70	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUP	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:12:10	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	421949	428267	422148	424121	0.85	cps
Zinc	66-2	8182	8152	8209	8181	0.35	cps
Zirconium	90-1	2009	1483	1617	1703	16.04	cps
Zirconium	91-1	325	759	442	508	44.12	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5L	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:14:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2927	3257	2870	3018	6.92	cps
Antimony	121-1	2450	2434	2592	2492	3.49	cps
Arsenic	75-2	199	181	198	193	5.25	cps
Barium	135-1	34570	35455	34061	34695	2.03	cps
Barium	137-1	59557	60963	62671	61064	2.55	cps
Beryllium	9-1	36	40	28	35	17.63	cps
Bismuth	209-1	2566807	2714425	2727259	2669497	3.34	cps
Bismuth	209-2	1462713	1466112	1441126	1456650	0.93	cps
Boron	11-1	12425	12263	12503	12397	0.99	cps
Boron	10-1	2408	2494	2478	2460	1.86	cps
Bromine	81-1	29200	30795	29842	29946	2.68	cps
Cadmium	106-1	692	800	758	750	7.29	cps
Cadmium	108-1	13	17	4	11	57.27	cps
Cadmium	111-1	500	640	586	576	12.23	cps
Calcium	43-1	120301	124756	122798	122618	1.82	cps
Calcium	44-1	2037168	2120150	2071305	2076208	2.01	cps
Chromium	52-2	2270	2417	2310	2332	3.25	cps
Cobalt	59-2	713	670	633	672	5.96	cps
Copper	63-2	4054	4354	4494	4301	5.23	cps
Dysprosium	156-1	200	183	192	192	4.35	cps
Dysprosium	156-2	93	80	133	102	27.16	cps
Erbium	164-1	133	200	225	186	25.46	cps
Erbium	164-2	80	107	67	84	24.12	cps
Gadolinium	160-1	192	292	275	253	21.19	cps
Gadolinium	160-2	93	113	83	97	15.80	cps
Holmium	165-1	4384620	4618001	4661808	4554810	3.27	cps
Holmium	165-2	2170482	2161557	2126678	2152906	1.08	cps
Indium	115-1	4281944	4567874	4485836	4445218	3.31	cps
Indium	115-2	621831	628482	623831	624714	0.55	cps
Iron	54-2	60667	60020	59546	60078	0.94	cps
Iron	56-2	1137840	1121893	1113522	1124419	1.10	cps
Iron	57-2	28473	28083	27788	28115	1.22	cps
Krypton	83-1	1180	1287	1233	1233	4.32	cps
Lead	207-1	27747	28882	28231	28287	2.01	cps
Lead	208-1	130328	134198	132798	132441	1.48	cps
Lead	206-1	33989	34853	34680	34507	1.32	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5L	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:14:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	911512	943882	950681	935358	2.24	cps
Magnesium	24-2	94288	92536	95859	94228	1.76	cps
Manganese	55-2	61395	59142	61057	60531	2.01	cps
Molybdenum	94-1	2292	2309	2275	2292	0.73	cps
Molybdenum	95-1	3559	3759	3709	3676	2.83	cps
Molybdenum	96-1	4317	4034	4092	4148	3.61	cps
Molybdenum	97-1	2184	2059	2359	2200	6.85	cps
Molybdenum	98-1	6177	5885	5935	5999	2.60	cps
Neodymium	150-1	347	327	313	329	5.10	cps
Neodymium	150-2	110	113	83	102	16.09	cps
Nickel	60-2	640	557	590	596	7.04	cps
Phosphorus	31-2	283	283	242	269	8.93	cps
Potassium	39-2	89930	90994	90879	90601	0.64	cps
Rhodium	103-1	4099313	4199347	4224044	4174235	1.58	cps
Rhodium	103-2	1960768	1926976	1936786	1941510	0.90	cps
Scandium	45-1	2407539	2575461	2518270	2500423	3.41	cps
Scandium	45-2	68663	66614	68215	67831	1.59	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	25	34	35	31	17.58	cps
Selenium	82-1	177	-11	102	89	106.13	cps
Silicon	28-1	3575425	3634376	3651625	3620475	1.10	cps
Silver	109-1	208	200	308	239	25.24	cps
Silver	107-1	250	367	242	286	24.43	cps
Sodium	23-2	498550	497627	494178	496785	0.46	cps
Strontium	86-1	81162	82754	82426	82114	1.02	cps
Strontium	88-1	684153	715434	696836	698808	2.25	cps
Sulfur	34-1	315346	317252	313122	315240	0.66	cps
Terbium	159-1	4545822	4861650	4840656	4749376	3.72	cps
Terbium	159-2	2179698	2160715	2130410	2156941	1.15	cps
Thallium	203-1	75	50	33	53	39.74	cps
Thallium	205-1	183	125	158	156	18.82	cps
Tin	118-1	8520	7953	8153	8208	3.50	cps
Titanium	47-1	4142	3926	3817	3962	4.18	cps
Uranium	238-1	775	658	667	700	9.30	cps
Vanadium	51-2	763	853	803	807	5.59	cps
Yttrium	89-1	4554340	4790195	4772803	4705779	2.79	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5L	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:14:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	468347	462122	457303	462591	1.20	cps
Zinc	66-2	2690	2697	2434	2607	5.76	cps
Zirconium	90-1	633	567	458	553	15.98	cps
Zirconium	91-1	67	92	133	97	34.64	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MS	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:17:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	139711	136850	136266	137609	1.34	cps
Antimony	121-1	2087012	2158240	2182645	2142632	2.32	cps
Arsenic	75-2	61571	61698	60991	61420	0.61	cps
Barium	135-1	2009189	2101949	2126680	2079273	2.98	cps
Barium	137-1	3469646	3584659	3672262	3575522	2.84	cps
Beryllium	9-1	213294	226008	226675	221992	3.40	cps
Bismuth	209-1	2492601	2569901	2650641	2571047	3.07	cps
Bismuth	209-2	1374333	1344037	1351541	1356637	1.16	cps
Boron	11-1	79142	93222	101897	91420	12.56	cps
Boron	10-1	15369	18884	19914	18056	13.20	cps
Bromine	81-1	65399	74684	81609	73897	11.01	cps
Cadmium	106-1	45961	46387	47918	46755	2.20	cps
Cadmium	108-1	32050	33545	33670	33088	2.72	cps
Cadmium	111-1	457323	471871	483278	470824	2.76	cps
Calcium	43-1	974356	1011170	1004932	996819	1.98	cps
Calcium	44-1	15764517	16800296	16387353	16317389	3.20	cps
Chromium	52-2	437062	432461	432556	434027	0.61	cps
Cobalt	59-2	828429	820093	821758	823427	0.54	cps
Copper	63-2	1211503	1219156	1210309	1213656	0.40	cps
Dysprosium	156-1	1042	1033	1083	1053	2.54	cps
Dysprosium	156-2	460	463	470	464	1.10	cps
Erbium	164-1	883	1017	983	961	7.22	cps
Erbium	164-2	400	380	357	379	5.72	cps
Gadolinium	160-1	1058	1042	933	1011	6.71	cps
Gadolinium	160-2	513	527	677	572	15.85	cps
Holmium	165-1	4191947	4291045	4393407	4292133	2.35	cps
Holmium	165-2	1988368	1967665	1998643	1984892	0.79	cps
Indium	115-1	4098366	4365844	4471189	4311800	4.46	cps
Indium	115-2	619914	615302	619698	618305	0.42	cps
Iron	54-2	1079175	1093845	1100599	1091206	1.00	cps
Iron	56-2	20285441	20086598	20132563	20168200	0.52	cps
Iron	57-2	502600	500034	505404	502679	0.53	cps
Krypton	83-1	1327	1280	1347	1318	2.60	cps
Lead	207-1	1071813	1133972	1130791	1112192	3.15	cps
Lead	208-1	4935529	5195990	5267452	5132990	3.40	cps
Lead	206-1	1217724	1257156	1263611	1246164	1.99	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MS	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:17:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	965262	1046247	1132989	1048166	8.00	cps
Magnesium	24-2	2320267	2247039	2246335	2271213	1.87	cps
Manganese	55-2	625035	622082	612406	619841	1.07	cps
Molybdenum	94-1	3477244	3538893	3582649	3532929	1.50	cps
Molybdenum	95-1	4208991	4295942	4382670	4295868	2.02	cps
Molybdenum	96-1	4702099	4858746	4955746	4838864	2.64	cps
Molybdenum	97-1	2557066	2696640	2715498	2656401	3.26	cps
Molybdenum	98-1	6690404	6997321	7119496	6935740	3.19	cps
Neodymium	150-1	2154	2007	2114	2091	3.63	cps
Neodymium	150-2	640	657	657	651	1.48	cps
Nickel	60-2	235890	236608	235419	235972	0.25	cps
Phosphorus	31-2	233	308	375	306	23.20	cps
Potassium	39-2	1162203	1144609	1146582	1151131	0.84	cps
Rhodium	103-1	3817661	3907403	4026348	3917138	2.67	cps
Rhodium	103-2	1799939	1774219	1805386	1793181	0.93	cps
Scandium	45-1	2324364	2476381	2504878	2435208	3.99	cps
Scandium	45-2	64149	62723	62234	63035	1.58	cps
Selenium	77-2	683	750	727	720	4.70	cps
Selenium	78-2	2469	2609	2489	2522	2.98	cps
Selenium	82-1	29690	29927	30635	30084	1.63	cps
Silicon	28-1	15486745	16533162	16784848	16268252	4.23	cps
Silver	109-1	2025527	2096262	2125436	2082409	2.47	cps
Silver	107-1	2064587	2123654	2143615	2110618	1.95	cps
Sodium	23-2	5739907	5771098	5711473	5740826	0.52	cps
Strontium	86-1	911458	939559	956380	935799	2.43	cps
Strontium	88-1	7795002	8154257	8192378	8047213	2.72	cps
Sulfur	34-1	320650	322150	319816	320872	0.37	cps
Terbium	159-1	4422675	4644588	4677827	4581697	3.03	cps
Terbium	159-2	2024828	2007609	1998767	2010402	0.66	cps
Thallium	203-1	1284561	1339037	1352747	1325448	2.72	cps
Thallium	205-1	3070161	3159280	3176605	3135349	1.82	cps
Tin	118-1	1304081	1375939	1386362	1355461	3.31	cps
Titanium	47-1	1074793	1131223	1150990	1119002	3.53	cps
Uranium	238-1	3621617	3721456	3856973	3733349	3.16	cps
Vanadium	51-2	339116	336980	337484	337860	0.33	cps
Yttrium	89-1	4409405	4618112	4682606	4570041	3.12	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MS	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MS	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:17:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	424018	430359	430739	428372	0.88	cps
Zinc	66-2	152874	150790	148411	150692	1.48	cps
Zirconium	90-1	2931900	3140259	3133892	3068684	3.86	cps
Zirconium	91-1	661302	682611	694281	679398	2.46	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSD	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:20:38	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136141	133701	134916	134920	0.90	cps
Antimony	121-1	2138196	2170943	2211436	2173525	1.69	cps
Arsenic	75-2	60533	60806	61498	60945	0.82	cps
Barium	135-1	2091312	2101297	2163598	2118736	1.85	cps
Barium	137-1	3537767	3632382	3743527	3637892	2.83	cps
Beryllium	9-1	219247	229400	232600	227083	3.07	cps
Bismuth	209-1	2565358	2656577	2739855	2653930	3.29	cps
Bismuth	209-2	1366204	1361592	1361123	1362973	0.21	cps
Boron	11-1	91743	106303	115910	104652	11.63	cps
Boron	10-1	18386	20694	23103	20728	11.38	cps
Bromine	81-1	71897	81086	88678	80554	10.43	cps
Cadmium	106-1	46454	47892	49949	48098	3.65	cps
Cadmium	108-1	32994	32743	33816	33184	1.69	cps
Cadmium	111-1	460791	473908	482657	472452	2.33	cps
Calcium	43-1	983534	1015703	1030063	1009767	2.36	cps
Calcium	44-1	16167739	16501817	16739862	16469806	1.75	cps
Chromium	52-2	430962	430990	430472	430808	0.07	cps
Cobalt	59-2	815332	809798	812902	812677	0.34	cps
Copper	63-2	1205642	1203582	1221134	1210119	0.79	cps
Dysprosium	156-1	1108	1092	1217	1139	5.96	cps
Dysprosium	156-2	403	500	480	461	11.07	cps
Erbium	164-1	817	908	1042	922	12.27	cps
Erbium	164-2	507	357	470	444	17.60	cps
Gadolinium	160-1	1008	950	1342	1100	19.21	cps
Gadolinium	160-2	570	530	500	533	6.58	cps
Holmium	165-1	4373573	4496115	4523333	4464340	1.79	cps
Holmium	165-2	2035628	2015879	1996615	2016041	0.97	cps
Indium	115-1	4373622	4543845	4583179	4500215	2.48	cps
Indium	115-2	612598	610899	619964	614487	0.78	cps
Iron	54-2	1091656	1064727	1093901	1083428	1.50	cps
Iron	56-2	19747603	19770320	20460005	19992643	2.03	cps
Iron	57-2	495643	493303	501863	496936	0.89	cps
Krypton	83-1	1407	1220	1387	1338	7.66	cps
Lead	207-1	1089474	1130185	1142124	1120595	2.46	cps
Lead	208-1	5015188	5288417	5267730	5190445	2.93	cps
Lead	206-1	1235854	1265890	1300864	1267536	2.57	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSD	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:20:38	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1123243	1205803	1277236	1202094	6.41	cps
Magnesium	24-2	2300099	2280522	2297245	2292622	0.46	cps
Manganese	55-2	610531	607051	613961	610514	0.57	cps
Molybdenum	94-1	3545271	3685795	3662191	3631086	2.07	cps
Molybdenum	95-1	4284399	4447380	4456321	4396034	2.20	cps
Molybdenum	96-1	4827831	4916063	4999243	4914379	1.74	cps
Molybdenum	97-1	2729682	2735075	2799645	2754801	1.41	cps
Molybdenum	98-1	6797067	6941121	7190966	6976385	2.86	cps
Neodymium	150-1	1980	2180	1894	2018	7.29	cps
Neodymium	150-2	687	697	603	662	7.74	cps
Nickel	60-2	233258	233190	236685	234377	0.85	cps
Phosphorus	31-2	367	325	358	350	6.30	cps
Potassium	39-2	1136012	1127610	1133278	1132300	0.38	cps
Rhodium	103-1	3912780	3985181	4127167	4008376	2.72	cps
Rhodium	103-2	1794384	1757686	1772485	1774852	1.04	cps
Scandium	45-1	2492623	2539159	2553169	2528317	1.25	cps
Scandium	45-2	61863	61900	62586	62116	0.66	cps
Selenium	77-2	690	697	737	708	3.57	cps
Selenium	78-2	2498	2457	2458	2471	0.95	cps
Selenium	82-1	29250	30391	30999	30213	2.94	cps
Silicon	28-1	16343823	16570599	17060623	16658348	2.20	cps
Silver	109-1	2005052	2135916	2168394	2103121	4.11	cps
Silver	107-1	2135364	2160981	2252984	2183110	2.83	cps
Sodium	23-2	5853396	5875302	5875692	5868130	0.22	cps
Strontium	86-1	924334	969193	954115	949214	2.40	cps
Strontium	88-1	7786400	8203115	8099933	8029816	2.70	cps
Sulfur	34-1	326025	321904	319669	322533	1.00	cps
Terbium	159-1	4605400	4644680	4897910	4715996	3.37	cps
Terbium	159-2	1981287	2008047	2020886	2003407	1.01	cps
Thallium	203-1	1301714	1342644	1368986	1337781	2.53	cps
Thallium	205-1	3076502	3106195	3299514	3160737	3.83	cps
Tin	118-1	1340778	1379082	1391766	1370542	1.94	cps
Titanium	47-1	1126903	1128210	1161423	1138845	1.72	cps
Uranium	238-1	3760777	3897147	3905137	3854354	2.11	cps
Vanadium	51-2	333012	334010	334241	333755	0.20	cps
Yttrium	89-1	4668482	4687812	4820332	4725542	1.75	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSD	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:20:38	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	426957	427046	430748	428251	0.51	cps
Zinc	66-2	149651	148098	149981	149243	0.67	cps
Zirconium	90-1	3107541	3139184	3205172	3150633	1.58	cps
Zirconium	91-1	671809	694722	702551	689694	2.32	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01A	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5A	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:23:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136484	135522	134712	135573	0.65	cps
Antimony	121-1	2155087	2213579	2204675	2191114	1.44	cps
Arsenic	75-2	60555	60872	61323	60917	0.63	cps
Barium	135-1	2097229	2163835	2167413	2142826	1.84	cps
Barium	137-1	3560745	3678285	3758505	3665845	2.71	cps
Beryllium	9-1	224866	231205	232137	229403	1.72	cps
Bismuth	209-1	2642462	2659475	2730962	2677633	1.75	cps
Bismuth	209-2	1377102	1389431	1382150	1382894	0.45	cps
Boron	11-1	99455	112428	119812	110565	9.32	cps
Boron	10-1	19389	21914	23566	21623	9.73	cps
Bromine	81-1	71564	84258	90189	82004	11.60	cps
Cadmium	106-1	45652	48803	48243	47566	3.53	cps
Cadmium	108-1	32626	34334	34531	33830	3.10	cps
Cadmium	111-1	465063	484467	494544	481358	3.11	cps
Calcium	43-1	990114	1029532	1040611	1020086	2.60	cps
Calcium	44-1	16006117	16815623	16637873	16486537	2.58	cps
Chromium	52-2	435601	435799	431936	434445	0.50	cps
Cobalt	59-2	824884	823126	817272	821761	0.48	cps
Copper	63-2	1210602	1207534	1206877	1208337	0.16	cps
Dysprosium	156-1	1092	1367	1242	1233	11.16	cps
Dysprosium	156-2	413	523	523	487	13.05	cps
Erbium	164-1	992	867	1083	981	11.09	cps
Erbium	164-2	370	390	493	418	15.84	cps
Gadolinium	160-1	1050	1067	1200	1106	7.44	cps
Gadolinium	160-2	620	537	637	598	8.96	cps
Holmium	165-1	4402340	4520051	4592352	4504914	2.13	cps
Holmium	165-2	2035720	2052689	2042643	2043684	0.42	cps
Indium	115-1	4483063	4527159	4666080	4558767	2.10	cps
Indium	115-2	601011	607335	617164	608503	1.34	cps
Iron	54-2	1092271	1095501	1081944	1089905	0.65	cps
Iron	56-2	20048463	19932833	20272617	20084638	0.86	cps
Iron	57-2	497243	498445	503678	499789	0.68	cps
Krypton	83-1	1373	1263	1380	1339	4.89	cps
Lead	207-1	1098290	1137614	1173958	1136620	3.33	cps
Lead	208-1	5118647	5335653	5445023	5299774	3.13	cps
Lead	206-1	1242527	1293296	1312156	1282660	2.81	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01A	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5A	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:23:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1182544	1253450	1292830	1242942	4.50	cps
Magnesium	24-2	2319613	2347287	2230228	2299043	2.66	cps
Manganese	55-2	623266	616602	611179	617015	0.98	cps
Molybdenum	94-1	3627613	3692793	3792408	3704272	2.24	cps
Molybdenum	95-1	4330189	4445672	4538499	4438120	2.35	cps
Molybdenum	96-1	4854150	4923869	5126718	4968246	2.85	cps
Molybdenum	97-1	2701937	2715722	2833884	2750514	2.64	cps
Molybdenum	98-1	6789698	6969302	7373736	7044245	4.25	cps
Neodymium	150-1	2294	2147	2167	2202	3.61	cps
Neodymium	150-2	670	687	697	684	1.97	cps
Nickel	60-2	236738	237651	236759	237049	0.22	cps
Phosphorus	31-2	333	383	375	364	7.36	cps
Potassium	39-2	1147874	1138011	1142849	1142911	0.43	cps
Rhodium	103-1	4025717	3965775	4181119	4057537	2.74	cps
Rhodium	103-2	1796378	1791059	1827028	1804822	1.08	cps
Scandium	45-1	2519225	2507882	2479441	2502183	0.82	cps
Scandium	45-2	63379	63098	62475	62984	0.73	cps
Selenium	77-2	700	663	743	702	5.70	cps
Selenium	78-2	2505	2510	2481	2499	0.62	cps
Selenium	82-1	29823	31364	31083	30757	2.67	cps
Silicon	28-1	16333344	16928887	16852991	16705074	1.94	cps
Silver	109-1	2058021	2151846	2154573	2121480	2.59	cps
Silver	107-1	2149658	2210904	2252962	2204508	2.36	cps
Sodium	23-2	5722816	5927416	5802927	5817719	1.77	cps
Strontium	86-1	926621	933143	986967	948910	3.49	cps
Strontium	88-1	7971995	8067050	8295198	8111414	2.05	cps
Sulfur	34-1	324561	321929	319379	321956	0.80	cps
Terbium	159-1	4787155	4746923	4955474	4829851	2.29	cps
Terbium	159-2	2007311	2020456	2056627	2028131	1.26	cps
Thallium	203-1	1319550	1375079	1389517	1361382	2.71	cps
Thallium	205-1	3133001	3307845	3327179	3256008	3.29	cps
Tin	118-1	1353445	1400109	1413758	1389104	2.28	cps
Titanium	47-1	1123967	1141825	1179076	1148289	2.45	cps
Uranium	238-1	3804387	3900867	4000346	3901867	2.51	cps
Vanadium	51-2	336719	334002	337202	335974	0.51	cps
Yttrium	89-1	4713433	4702413	4711133	4708993	0.12	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01A	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5A	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:23:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	423075	427916	429940	426977	0.83	cps
Zinc	66-2	146889	147980	148041	147637	0.44	cps
Zirconium	90-1	3075882	3155346	3162518	3131249	1.54	cps
Zirconium	91-1	680948	708088	712864	700633	2.46	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:40:15	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	721991	719261	713910	718387	0.57	cps
Antimony	121-1	1923482	1966616	1953699	1947932	1.14	cps
Arsenic	75-2	55591	55938	55345	55625	0.54	cps
Barium	135-1	1977487	2019594	1986948	1994676	1.11	cps
Barium	137-1	3342781	3494937	3455093	3430937	2.30	cps
Beryllium	9-1	244593	245716	246408	245572	0.37	cps
Bismuth	209-1	2687645	2778289	2752561	2739498	1.71	cps
Bismuth	209-2	1487170	1488187	1469729	1481695	0.70	cps
Boron	11-1	72731	82653	88922	81435	10.03	cps
Boron	10-1	14284	16772	17887	16315	11.31	cps
Bromine	81-1	4165	3784	4005	3985	4.79	cps
Cadmium	106-1	43829	44957	44105	44297	1.33	cps
Cadmium	108-1	30697	31123	31156	30992	0.83	cps
Cadmium	111-1	423842	427088	433628	428186	1.16	cps
Calcium	43-1	2169543	2246346	2247269	2221052	2.01	cps
Calcium	44-1	34969157	36252884	35875104	35699048	1.85	cps
Chromium	52-2	415620	420695	419333	418549	0.63	cps
Cobalt	59-2	763345	771328	770651	768441	0.58	cps
Copper	63-2	1209984	1217827	1206705	1211505	0.47	cps
Dysprosium	156-1	100	158	142	133	22.54	cps
Dysprosium	156-2	40	77	50	56	34.12	cps
Erbium	164-1	17	58	75	50	60.09	cps
Erbium	164-2	27	13	23	21	32.88	cps
Gadolinium	160-1	125	175	142	147	17.30	cps
Gadolinium	160-2	63	70	93	76	20.85	cps
Holmium	165-1	4753487	4866422	4812133	4810681	1.17	cps
Holmium	165-2	2294930	2275609	2255970	2275503	0.86	cps
Indium	115-1	4607907	4433444	4533471	4524940	1.93	cps
Indium	115-2	650851	642178	638410	643813	0.99	cps
Iron	54-2	4164552	4265695	4268631	4232959	1.40	cps
Iron	56-2	76716679	77989718	78183841	77630080	1.03	cps
Iron	57-2	1992929	1981638	2032065	2002210	1.32	cps
Krypton	83-1	1257	1293	1270	1273	1.46	cps
Lead	207-1	853978	863264	855860	857701	0.57	cps
Lead	208-1	3974267	4019160	4020075	4004501	0.65	cps
Lead	206-1	979530	990558	991520	987203	0.67	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:40:15	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	701465	698680	699775	699973	0.20	cps
Magnesium	24-2	9846159	9876688	9943478	9888775	0.50	cps
Manganese	55-2	364713	361543	368203	364820	0.91	cps
Molybdenum	94-1	3646827	3680323	3735006	3687385	1.21	cps
Molybdenum	95-1	4481915	4507030	4556365	4515103	0.84	cps
Molybdenum	96-1	4967301	5098198	5124909	5063469	1.67	cps
Molybdenum	97-1	2774771	2796613	2848850	2806745	1.36	cps
Molybdenum	98-1	7096987	7303107	7272195	7224096	1.54	cps
Neodymium	150-1	73	140	73	96	40.28	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	216236	218400	217943	217527	0.52	cps
Phosphorus	31-2	8836	9995	9320	9384	6.20	cps
Potassium	39-2	4310073	4247812	4281220	4279702	0.73	cps
Rhodium	103-1	4308990	4290506	4340770	4313422	0.59	cps
Rhodium	103-2	2012830	2000509	1957599	1990313	1.46	cps
Scandium	45-1	2706716	2719757	2726664	2717712	0.37	cps
Scandium	45-2	74435	73789	74865	74363	0.73	cps
Selenium	77-2	627	747	630	668	10.23	cps
Selenium	78-2	2506	2492	2546	2515	1.11	cps
Selenium	82-1	27317	27495	28020	27610	1.32	cps
Silicon	28-1	1285996	1321419	1343880	1317098	2.22	cps
Silver	109-1	2105064	2116341	2170878	2130761	1.65	cps
Silver	107-1	2178442	2250920	2219066	2216143	1.64	cps
Sodium	23-2	18949206	19487248	19140606	19192353	1.42	cps
Strontium	86-1	549069	564081	555265	556138	1.36	cps
Strontium	88-1	4678479	4910124	4662144	4750249	2.92	cps
Sulfur	34-1	465699	467285	465062	466016	0.25	cps
Terbium	159-1	5117608	5198747	5146692	5154349	0.80	cps
Terbium	159-2	2298005	2252346	2244125	2264825	1.28	cps
Thallium	203-1	1213808	1241208	1228697	1227904	1.12	cps
Thallium	205-1	2911589	2966644	2923841	2934024	0.99	cps
Tin	118-1	1366955	1393603	1384794	1381784	0.98	cps
Titanium	47-1	1149383	1178893	1184626	1170967	1.62	cps
Uranium	238-1	3524833	3582676	3612660	3573389	1.25	cps
Vanadium	51-2	324522	331128	325733	327127	1.08	cps
Yttrium	89-1	5033375	5185438	5086373	5101728	1.51	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:40:15	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	502396	491917	498323	497545	1.06	cps
Zinc	66-2	151628	153566	150018	151737	1.17	cps
Zirconium	90-1	3029800	3079516	3029673	3046330	0.94	cps
Zirconium	91-1	669136	676039	678023	674399	0.69	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:44:28	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	363	290	360	338	12.26	cps
Antimony	121-1	217	558	217	331	59.68	cps
Arsenic	75-2	5	2	2	3	57.74	cps
Barium	135-1	67	375	92	178	96.35	cps
Barium	137-1	150	550	117	272	88.60	cps
Beryllium	9-1	54	46	50	50	8.00	cps
Bismuth	209-1	2775172	2812116	2716797	2768028	1.74	cps
Bismuth	209-2	1481734	1458112	1449384	1463077	1.14	cps
Boron	11-1	11482	11234	10978	11231	2.25	cps
Boron	10-1	2352	2220	2270	2280	2.92	cps
Bromine	81-1	3554	3404	3654	3537	3.56	cps
Cadmium	106-1	1058	850	908	939	11.45	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Cadmium	111-1	808	726	685	740	8.46	cps
Calcium	43-1	608	675	667	650	5.59	cps
Calcium	44-1	45372	45159	44419	44984	1.11	cps
Chromium	52-2	1477	1530	1473	1493	2.13	cps
Cobalt	59-2	47	20	37	34	39.11	cps
Copper	63-2	267	253	220	247	9.75	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	17	50	42	52.91	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	33	75	33	47	50.95	cps
Gadolinium	160-2	7	20	20	16	49.47	cps
Holmium	165-1	4620262	4650761	4660003	4643675	0.45	cps
Holmium	165-2	2182169	2173946	2170306	2175473	0.28	cps
Indium	115-1	4375167	4302248	4311012	4329476	0.92	cps
Indium	115-2	617238	611894	619942	616358	0.66	cps
Iron	54-2	494	472	417	461	8.69	cps
Iron	56-2	4879	4645	4078	4534	9.08	cps
Iron	57-2	150	122	128	133	11.02	cps
Krypton	83-1	1363	1240	1273	1292	4.94	cps
Lead	207-1	244	311	206	254	21.04	cps
Lead	208-1	944	1200	900	1015	15.96	cps
Lead	206-1	211	267	244	241	11.62	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:44:28	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	686698	682385	673659	680914	0.98	cps
Magnesium	24-2	475	342	325	381	21.60	cps
Manganese	55-2	113	97	147	119	21.41	cps
Molybdenum	94-1	258	1870	183	770	123.65	cps
Molybdenum	95-1	325	1987	267	860	113.64	cps
Molybdenum	96-1	500	2221	392	1037	98.91	cps
Molybdenum	97-1	183	1544	133	620	129.05	cps
Molybdenum	98-1	367	2640	267	1091	123.02	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	40	90	64	38.82	cps
Phosphorus	31-2	292	258	175	242	24.87	cps
Potassium	39-2	12322	12431	11805	12186	2.74	cps
Rhodium	103-1	4290028	4189550	4286444	4255341	1.34	cps
Rhodium	103-2	1980179	1922205	1933017	1945134	1.58	cps
Scandium	45-1	2634477	2608506	2573510	2605498	1.17	cps
Scandium	45-2	70720	68074	70432	69742	2.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	32	24	29	15.03	cps
Selenium	82-1	-61	-21	119	12	770.16	cps
Silicon	28-1	474028	478468	476197	476231	0.47	cps
Silver	109-1	133	775	125	345	108.28	cps
Silver	107-1	225	792	133	383	93.05	cps
Sodium	23-2	10537	10145	10521	10401	2.13	cps
Strontium	86-1	1925	2275	2109	2103	8.33	cps
Strontium	88-1	267	1009	217	497	89.20	cps
Sulfur	34-1	353564	349077	350067	350903	0.67	cps
Terbium	159-1	4957067	4811224	4882644	4883645	1.49	cps
Terbium	159-2	2149652	2138199	2183129	2156993	1.08	cps
Thallium	203-1	308	308	217	278	19.05	cps
Thallium	205-1	600	675	550	608	10.34	cps
Tin	118-1	425	625	475	508	20.48	cps
Titanium	47-1	875	1025	1167	1022	14.27	cps
Uranium	238-1	133	300	133	189	50.94	cps
Vanadium	51-2	57	27	33	39	40.51	cps
Yttrium	89-1	4902202	4882937	4777221	4854120	1.39	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:44:28	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	471343	468358	471463	470388	0.37	cps
Zinc	66-2	103	83	120	102	17.96	cps
Zirconium	90-1	550	1059	383	664	52.98	cps
Zirconium	91-1	150	342	67	186	75.77	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:47:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118535	117079	115393	117002	1.34	cps
Antimony	121-1	17169	16844	13999	16004	10.90	cps
Arsenic	75-2	794	835	808	812	2.57	cps
Barium	135-1	121080	125679	129793	125517	3.47	cps
Barium	137-1	206071	214996	222220	214429	3.77	cps
Beryllium	9-1	352	328	380	353	7.37	cps
Bismuth	209-1	2500335	2591483	2679526	2590448	3.46	cps
Bismuth	209-2	1303162	1350175	1377164	1343500	2.79	cps
Boron	11-1	13790	14686	15341	14606	5.33	cps
Boron	10-1	2792	2926	2954	2890	3.00	cps
Bromine	81-1	33193	40108	45078	39460	15.13	cps
Cadmium	106-1	1100	883	925	970	11.86	cps
Cadmium	108-1	58	58	42	53	18.23	cps
Cadmium	111-1	1013	978	981	990	1.95	cps
Calcium	43-1	485624	498292	507852	497256	2.24	cps
Calcium	44-1	7988273	8154531	8236769	8126524	1.56	cps
Chromium	52-2	29534	28412	28589	28845	2.09	cps
Cobalt	59-2	28332	27520	27720	27857	1.52	cps
Copper	63-2	66743	66364	66086	66398	0.50	cps
Dysprosium	156-1	12306	12748	13299	12784	3.89	cps
Dysprosium	156-2	5438	5525	5431	5464	0.95	cps
Erbium	164-1	14917	14942	16277	15379	5.06	cps
Erbium	164-2	6748	6492	6712	6651	2.09	cps
Gadolinium	160-1	11572	12214	13240	12342	6.82	cps
Gadolinium	160-2	6648	6678	6275	6534	3.44	cps
Holmium	165-1	4246892	4347066	4322729	4305562	1.21	cps
Holmium	165-2	1875428	1988142	1968443	1944004	3.10	cps
Indium	115-1	3980276	4235953	4308388	4174872	4.13	cps
Indium	115-2	557187	602699	603893	587926	4.53	cps
Iron	54-2	1882301	1884977	1826889	1864722	1.76	cps
Iron	56-2	34848206	33548067	33645138	34013804	2.13	cps
Iron	57-2	856191	842530	833571	844097	1.35	cps
Krypton	83-1	1277	1283	1157	1239	5.75	cps
Lead	207-1	35794	38039	39616	37817	5.08	cps
Lead	208-1	172427	181387	182819	178877	3.15	cps
Lead	206-1	45407	48351	48011	47257	3.41	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:47:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	749858	839293	904681	831277	9.35	cps
Magnesium	24-2	403306	403304	388705	398438	2.12	cps
Manganese	55-2	552899	539286	535110	542432	1.71	cps
Molybdenum	94-1	11046	11330	11297	11224	1.38	cps
Molybdenum	95-1	5226	5151	4868	5082	3.72	cps
Molybdenum	96-1	6410	7277	7486	7058	8.08	cps
Molybdenum	97-1	2934	3159	3259	3117	5.34	cps
Molybdenum	98-1	7877	8019	9053	8317	7.72	cps
Neodymium	150-1	15069	16170	16784	16008	5.43	cps
Neodymium	150-2	5054	4921	4771	4915	2.88	cps
Nickel	60-2	15589	15862	15322	15591	1.73	cps
Phosphorus	31-2	1125	1133	1167	1142	1.93	cps
Potassium	39-2	338520	336372	329672	334855	1.38	cps
Rhodium	103-1	3748520	3833995	3984857	3855790	3.10	cps
Rhodium	103-2	1627139	1733916	1747674	1702910	3.87	cps
Scandium	45-1	2400730	2353086	2521443	2425086	3.58	cps
Scandium	45-2	59289	61956	61696	60980	2.41	cps
Selenium	77-2	23	10	53	29	76.83	cps
Selenium	78-2	57	55	50	54	6.68	cps
Selenium	82-1	131	122	272	175	48.18	cps
Silicon	28-1	20373640	20436078	19831019	20213579	1.65	cps
Silver	109-1	667	817	850	778	12.56	cps
Silver	107-1	708	808	908	808	12.37	cps
Sodium	23-2	10454188	10334809	10272428	10353808	0.89	cps
Strontium	86-1	269258	280780	279948	276662	2.32	cps
Strontium	88-1	2264246	2399457	2448577	2370760	4.03	cps
Sulfur	34-1	458632	454390	451012	454678	0.84	cps
Terbium	159-1	4321530	4545236	4619329	4495365	3.45	cps
Terbium	159-2	1854572	1971159	1990296	1938676	3.79	cps
Thallium	203-1	1925	1617	1350	1631	17.65	cps
Thallium	205-1	4268	3934	3376	3859	11.68	cps
Tin	118-1	10730	14416	17345	14164	23.40	cps
Titanium	47-1	320472	324637	335481	326863	2.37	cps
Uranium	238-1	7477	7311	7828	7539	3.50	cps
Vanadium	51-2	28452	28261	27540	28084	1.71	cps
Yttrium	89-1	4504430	4622579	4669418	4598809	1.85	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:47:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	415654	438030	433114	428933	2.74	cps
Zinc	66-2	7962	7729	8009	7900	1.90	cps
Zirconium	90-1	22151	23879	23421	23150	3.87	cps
Zirconium	91-1	5151	9983	5068	6734	41.79	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:50:06	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106360	105600	104653	105538	0.81	cps
Antimony	121-1	7010	6152	6243	6468	7.29	cps
Arsenic	75-2	725	771	774	757	3.63	cps
Barium	135-1	114868	122872	125923	121221	4.71	cps
Barium	137-1	199607	208496	216226	208110	4.00	cps
Beryllium	9-1	326	332	370	343	6.96	cps
Bismuth	209-1	2646568	2687705	2706981	2680418	1.15	cps
Bismuth	209-2	1332787	1356294	1357099	1348727	1.02	cps
Boron	11-1	12877	13636	13750	13421	3.53	cps
Boron	10-1	2500	2808	2670	2659	5.80	cps
Bromine	81-1	39124	44676	45660	43154	8.17	cps
Cadmium	106-1	967	892	900	920	4.47	cps
Cadmium	108-1	21	29	21	24	20.39	cps
Cadmium	111-1	883	812	795	830	5.64	cps
Calcium	43-1	481990	506777	509538	499435	3.04	cps
Calcium	44-1	7776273	8137969	8259822	8058021	3.12	cps
Chromium	52-2	27941	29176	27937	28351	2.52	cps
Cobalt	59-2	26077	26735	26445	26419	1.25	cps
Copper	63-2	62966	63026	63525	63172	0.49	cps
Dysprosium	156-1	12456	12698	12273	12476	1.71	cps
Dysprosium	156-2	5314	4978	5361	5218	4.01	cps
Erbium	164-1	15067	14825	15534	15142	2.38	cps
Erbium	164-2	6178	6438	6318	6312	2.06	cps
Gadolinium	160-1	11614	12656	12414	12228	4.46	cps
Gadolinium	160-2	5808	6328	6058	6065	4.29	cps
Holmium	165-1	4420716	4485779	4478505	4461666	0.80	cps
Holmium	165-2	1920812	1981428	2005718	1969320	2.22	cps
Indium	115-1	4346298	4576407	4738877	4553861	4.33	cps
Indium	115-2	605662	614147	606861	608890	0.75	cps
Iron	54-2	1714807	1777899	1732034	1741580	1.87	cps
Iron	56-2	30892356	31512377	31196631	31200455	0.99	cps
Iron	57-2	773544	785524	779947	779672	0.77	cps
Krypton	83-1	1323	1237	1347	1302	4.45	cps
Lead	207-1	36206	37677	36992	36958	1.99	cps
Lead	208-1	168783	175893	176323	173666	2.44	cps
Lead	206-1	43662	45324	46171	45052	2.83	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:50:06	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1068683	1187619	1204026	1153442	6.40	cps
Magnesium	24-2	372710	383078	374403	376730	1.48	cps
Manganese	55-2	508752	511702	506246	508900	0.54	cps
Molybdenum	94-1	10713	10755	11647	11038	4.78	cps
Molybdenum	95-1	4668	5226	5151	5015	6.04	cps
Molybdenum	96-1	6360	7044	7360	6921	7.39	cps
Molybdenum	97-1	2609	3225	3075	2970	10.83	cps
Molybdenum	98-1	7819	7769	8286	7958	3.58	cps
Neodymium	150-1	15189	15703	15976	15623	2.56	cps
Neodymium	150-2	5018	4938	4844	4933	1.76	cps
Nickel	60-2	14818	14321	14788	14642	1.90	cps
Phosphorus	31-2	1092	1025	900	1006	9.68	cps
Potassium	39-2	307199	317561	311328	312029	1.67	cps
Rhodium	103-1	3916040	3944952	3993954	3951649	1.00	cps
Rhodium	103-2	1726358	1770501	1737964	1744941	1.31	cps
Scandium	45-1	2427332	2440921	2517246	2461833	1.97	cps
Scandium	45-2	59239	60062	60440	59914	1.03	cps
Selenium	77-2	40	23	30	31	26.97	cps
Selenium	78-2	48	45	59	51	14.55	cps
Selenium	82-1	131	202	104	146	34.65	cps
Silicon	28-1	18843045	18970534	19238557	19017379	1.06	cps
Silver	109-1	708	575	692	658	11.04	cps
Silver	107-1	758	608	617	661	12.75	cps
Sodium	23-2	9845380	9998150	9861135	9901555	0.85	cps
Strontium	86-1	266847	285047	283156	278350	3.60	cps
Strontium	88-1	2322818	2459527	2451516	2411287	3.18	cps
Sulfur	34-1	438467	436477	433046	435997	0.63	cps
Terbium	159-1	4694960	4669115	4794641	4719572	1.40	cps
Terbium	159-2	1937575	1968282	1943692	1949850	0.83	cps
Thallium	203-1	875	858	800	844	4.66	cps
Thallium	205-1	1825	1842	1900	1856	2.12	cps
Tin	118-1	14792	16702	18521	16672	11.19	cps
Titanium	47-1	290660	295656	303035	296450	2.10	cps
Uranium	238-1	7611	7177	7878	7555	4.68	cps
Vanadium	51-2	25783	26508	25870	26054	1.52	cps
Yttrium	89-1	4758432	4878979	4855872	4831095	1.32	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:50:06	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	422949	435289	429256	429165	1.44	cps
Zinc	66-2	7625	7569	7412	7535	1.47	cps
Zirconium	90-1	22769	23395	21985	22716	3.11	cps
Zirconium	91-1	4784	5510	4859	5051	7.90	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:52:56	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457	473	437	456	4.03	cps
Antimony	121-1	3376	3926	3509	3603	7.96	cps
Arsenic	75-2	290	280	285	285	1.75	cps
Barium	135-1	112928	118978	120719	117542	3.48	cps
Barium	137-1	193485	200927	207726	200713	3.55	cps
Beryllium	9-1	36	32	26	31	16.05	cps
Bismuth	209-1	2653579	2810449	2763459	2742496	2.94	cps
Bismuth	209-2	1399034	1386924	1389117	1391692	0.46	cps
Boron	11-1	34083	38416	42238	38246	10.67	cps
Boron	10-1	6382	7522	8337	7414	13.24	cps
Bromine	81-1	200544	245851	275980	240791	15.77	cps
Cadmium	106-1	817	850	708	792	9.36	cps
Cadmium	108-1	0	8	21	10	107.86	cps
Cadmium	111-1	613	627	560	600	5.84	cps
Calcium	43-1	710877	726747	730612	722745	1.45	cps
Calcium	44-1	11611413	11890197	12050753	11850788	1.88	cps
Chromium	52-2	2140	2027	2134	2100	3.03	cps
Cobalt	59-2	110	87	113	103	14.06	cps
Copper	63-2	1067	1013	1067	1049	2.94	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	33	17	0	17	99.99	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	50	25	50	42	34.64	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	4531171	4627973	4614793	4591312	1.14	cps
Holmium	165-2	2016308	2042257	2064895	2041153	1.19	cps
Indium	115-1	4478703	4639839	4728808	4615783	2.75	cps
Indium	115-2	594147	600601	593282	596010	0.67	cps
Iron	54-2	811	722	761	765	5.83	cps
Iron	56-2	9375	9264	8603	9081	4.60	cps
Iron	57-2	356	322	239	306	19.67	cps
Krypton	83-1	1323	1327	1433	1361	4.60	cps
Lead	207-1	511	533	561	535	4.68	cps
Lead	208-1	2533	2717	2678	2643	3.66	cps
Lead	206-1	606	772	772	717	13.43	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:52:56	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1132942	1198819	1290138	1207300	6.54	cps
Magnesium	24-2	450770	447183	436640	444865	1.65	cps
Manganese	55-2	693	547	567	602	13.21	cps
Molybdenum	94-1	1658	1625	1617	1633	1.35	cps
Molybdenum	95-1	2442	2484	2625	2517	3.82	cps
Molybdenum	96-1	2750	2700	2709	2720	0.99	cps
Molybdenum	97-1	1333	1558	1717	1536	12.54	cps
Molybdenum	98-1	4176	4359	4251	4262	2.16	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	660	680	617	652	4.96	cps
Phosphorus	31-2	208	133	150	164	24.03	cps
Potassium	39-2	76486	75832	76118	76145	0.43	cps
Rhodium	103-1	4002436	4135326	4056609	4064791	1.64	cps
Rhodium	103-2	1786071	1759830	1771212	1772371	0.74	cps
Scandium	45-1	2387998	2459044	2429087	2425376	1.47	cps
Scandium	45-2	60745	61033	60256	60678	0.65	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	35	20	27	27	27.46	cps
Selenium	82-1	73	-2	-88	-6	-1444.73	cps
Silicon	28-1	12912052	13002582	13398337	13104324	1.97	cps
Silver	109-1	358	433	458	417	12.49	cps
Silver	107-1	400	408	400	403	1.19	cps
Sodium	23-2	3356988	3322036	3323822	3334282	0.59	cps
Strontium	86-1	514157	531768	534578	526834	2.10	cps
Strontium	88-1	4448820	4561425	4575429	4528558	1.53	cps
Sulfur	34-1	429026	424767	424146	425980	0.62	cps
Terbium	159-1	4803262	4861998	4783421	4816227	0.85	cps
Terbium	159-2	2015322	2046145	1993906	2018458	1.30	cps
Thallium	203-1	133	133	75	114	29.57	cps
Thallium	205-1	200	175	250	208	18.33	cps
Tin	118-1	6377	7752	8912	7680	16.52	cps
Titanium	47-1	1225	1725	1542	1497	16.90	cps
Uranium	238-1	5426	5343	5393	5387	0.78	cps
Vanadium	51-2	347	367	383	366	5.02	cps
Yttrium	89-1	4573868	4695728	4612512	4627369	1.35	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 15:52:56	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	415954	414186	413294	414478	0.33	cps
Zinc	66-2	653	713	710	692	4.87	cps
Zirconium	90-1	358	325	517	400	25.60	cps
Zirconium	91-1	117	133	150	133	12.50	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:55:44	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2874	2877	2737	2829	2.82	cps
Antimony	121-1	2059	2500	2459	2339	10.43	cps
Arsenic	75-2	184	175	168	176	4.57	cps
Barium	135-1	34670	35898	36391	35653	2.49	cps
Barium	137-1	63499	63449	64211	63720	0.67	cps
Beryllium	9-1	38	20	48	35	40.15	cps
Bismuth	209-1	2793455	2853865	2942523	2863281	2.62	cps
Bismuth	209-2	1467229	1465168	1465869	1466088	0.07	cps
Boron	11-1	13976	14286	14286	14183	1.26	cps
Boron	10-1	2700	2694	2866	2753	3.55	cps
Bromine	81-1	60863	56411	54410	57228	5.77	cps
Cadmium	106-1	1058	833	1000	964	12.11	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Cadmium	111-1	792	620	771	728	12.84	cps
Calcium	43-1	124824	126531	126563	125972	0.79	cps
Calcium	44-1	2042816	2088739	2130096	2087217	2.09	cps
Chromium	52-2	2347	2304	2300	2317	1.12	cps
Cobalt	59-2	643	740	667	683	7.38	cps
Copper	63-2	4647	4357	4477	4494	3.24	cps
Dysprosium	156-1	208	158	200	189	14.18	cps
Dysprosium	156-2	87	73	70	77	11.51	cps
Erbium	164-1	217	158	133	169	25.24	cps
Erbium	164-2	83	77	80	80	4.16	cps
Gadolinium	160-1	300	200	225	242	21.53	cps
Gadolinium	160-2	163	97	133	131	25.47	cps
Holmium	165-1	4948622	4922717	4976568	4949302	0.54	cps
Holmium	165-2	2215020	2174733	2182256	2190669	0.98	cps
Indium	115-1	4628963	4597754	4759876	4662198	1.85	cps
Indium	115-2	608943	601781	609087	606604	0.69	cps
Iron	54-2	60874	59440	59373	59896	1.42	cps
Iron	56-2	1098525	1120100	1111589	1110071	0.98	cps
Iron	57-2	27939	27850	27260	27683	1.33	cps
Krypton	83-1	1180	1320	1423	1308	9.34	cps
Lead	207-1	28704	29244	30536	29495	3.19	cps
Lead	208-1	136644	138033	139038	137905	0.87	cps
Lead	206-1	35243	35594	35917	35584	0.95	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:55:44	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1040240	1019612	1028926	1029593	1.00	cps
Magnesium	24-2	95118	92460	94624	94067	1.50	cps
Manganese	55-2	60283	60096	57693	59357	2.43	cps
Molybdenum	94-1	2167	2542	2409	2372	8.01	cps
Molybdenum	95-1	3359	3576	3617	3517	3.94	cps
Molybdenum	96-1	3976	3717	3967	3887	3.78	cps
Molybdenum	97-1	2450	2225	2117	2264	7.51	cps
Molybdenum	98-1	5885	5893	5885	5888	0.08	cps
Neodymium	150-1	313	360	413	362	13.81	cps
Neodymium	150-2	157	150	127	144	10.91	cps
Nickel	60-2	567	567	667	600	9.62	cps
Phosphorus	31-2	200	200	300	233	24.74	cps
Potassium	39-2	87967	88245	86921	87711	0.80	cps
Rhodium	103-1	4428140	4383286	4424914	4412113	0.57	cps
Rhodium	103-2	1966208	1907614	1921432	1931751	1.59	cps
Scandium	45-1	2589373	2629437	2715377	2644729	2.43	cps
Scandium	45-2	66929	66081	67042	66684	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	36	28	35	33	13.21	cps
Selenium	82-1	118	-62	-132	-25	-504.94	cps
Silicon	28-1	3658810	3681268	3723629	3687902	0.89	cps
Silver	109-1	225	233	267	242	9.12	cps
Silver	107-1	342	342	267	317	13.67	cps
Sodium	23-2	494955	477407	486450	486271	1.80	cps
Strontium	86-1	81202	84799	83600	83200	2.20	cps
Strontium	88-1	685218	709924	713418	702853	2.19	cps
Sulfur	34-1	322864	322915	324026	323269	0.20	cps
Terbium	159-1	5081641	5163074	5225068	5156594	1.39	cps
Terbium	159-2	2168553	2176025	2167991	2170856	0.21	cps
Thallium	203-1	75	42	50	56	31.22	cps
Thallium	205-1	167	142	150	153	8.33	cps
Tin	118-1	6027	6168	6051	6082	1.24	cps
Titanium	47-1	3884	4234	4326	4148	5.62	cps
Uranium	238-1	592	683	683	653	8.11	cps
Vanadium	51-2	837	740	813	797	6.33	cps
Yttrium	89-1	4901052	4956070	5215033	5024052	3.34	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:55:44	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	453564	446191	447497	449084	0.88	cps
Zinc	66-2	1990	1893	1873	1919	3.25	cps
Zirconium	90-1	600	742	500	614	19.78	cps
Zirconium	91-1	167	100	133	133	25.00	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:58:35	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3084	2910	2730	2908	6.09	cps
Antimony	121-1	1617	1708	1900	1742	8.30	cps
Arsenic	75-2	180	205	170	185	9.74	cps
Barium	135-1	34770	36249	35664	35561	2.09	cps
Barium	137-1	58945	61022	61733	60567	2.39	cps
Beryllium	9-1	38	36	54	43	23.13	cps
Bismuth	209-1	2805148	2901331	2866312	2857597	1.70	cps
Bismuth	209-2	1489577	1478560	1454745	1474294	1.21	cps
Boron	11-1	11294	11802	12235	11777	4.00	cps
Boron	10-1	2160	2296	2496	2317	7.29	cps
Bromine	81-1	31387	32982	33243	32538	3.09	cps
Cadmium	106-1	975	900	925	933	4.09	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Cadmium	111-1	741	662	670	691	6.31	cps
Calcium	43-1	124561	125302	128068	125977	1.47	cps
Calcium	44-1	2080998	2095482	2087109	2087863	0.35	cps
Chromium	52-2	2364	2220	2284	2289	3.14	cps
Cobalt	59-2	657	717	670	681	4.63	cps
Copper	63-2	4411	4531	4621	4521	2.33	cps
Dysprosium	156-1	233	167	225	208	17.44	cps
Dysprosium	156-2	77	80	113	90	22.53	cps
Erbium	164-1	283	225	208	239	16.48	cps
Erbium	164-2	63	103	97	88	24.42	cps
Gadolinium	160-1	242	300	208	250	18.56	cps
Gadolinium	160-2	77	100	107	94	16.68	cps
Holmium	165-1	4698523	4855229	4948640	4834131	2.61	cps
Holmium	165-2	2181404	2172655	2133892	2162651	1.17	cps
Indium	115-1	4442518	4586528	4607647	4545565	1.98	cps
Indium	115-2	610500	604086	602899	605828	0.67	cps
Iron	54-2	59758	61310	60751	60606	1.30	cps
Iron	56-2	1119522	1118638	1113399	1117186	0.30	cps
Iron	57-2	27950	27911	27482	27781	0.93	cps
Krypton	83-1	1463	1240	1337	1347	8.32	cps
Lead	207-1	29991	29835	30325	30050	0.83	cps
Lead	208-1	137479	139160	139557	138732	0.80	cps
Lead	206-1	35081	35493	36446	35673	1.96	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:58:35	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	889986	902076	927201	906421	2.09	cps
Magnesium	24-2	92846	94866	93038	93584	1.19	cps
Manganese	55-2	59473	60337	58827	59546	1.27	cps
Molybdenum	94-1	2642	2342	2409	2464	6.39	cps
Molybdenum	95-1	3734	3826	3992	3851	3.40	cps
Molybdenum	96-1	4034	4076	4418	4176	5.04	cps
Molybdenum	97-1	2500	2417	2267	2395	4.94	cps
Molybdenum	98-1	5835	6010	5951	5932	1.50	cps
Neodymium	150-1	353	340	407	367	9.62	cps
Neodymium	150-2	113	97	127	112	13.39	cps
Nickel	60-2	493	563	610	556	10.57	cps
Phosphorus	31-2	208	225	225	219	4.39	cps
Potassium	39-2	87675	87516	89444	88212	1.21	cps
Rhodium	103-1	4364546	4487007	4438364	4429972	1.39	cps
Rhodium	103-2	1986786	1943732	1943455	1957991	1.27	cps
Scandium	45-1	2641524	2618375	2651645	2637181	0.65	cps
Scandium	45-2	65184	66380	65392	65652	0.97	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	43	31	36	37	16.44	cps
Selenium	82-1	3	28	-43	-4	-925.00	cps
Silicon	28-1	3699702	3665194	3678673	3681190	0.47	cps
Silver	109-1	200	233	267	233	14.29	cps
Silver	107-1	258	317	275	283	10.61	cps
Sodium	23-2	489494	491539	492006	491013	0.27	cps
Strontium	86-1	82351	83115	84313	83260	1.19	cps
Strontium	88-1	687152	698637	702919	696236	1.17	cps
Sulfur	34-1	329414	332239	331069	330907	0.43	cps
Terbium	159-1	5054478	5155697	5075509	5095228	1.05	cps
Terbium	159-2	2186692	2164757	2178099	2176516	0.51	cps
Thallium	203-1	50	25	50	42	34.64	cps
Thallium	205-1	175	117	142	144	20.26	cps
Tin	118-1	5276	5718	6118	5704	7.38	cps
Titanium	47-1	4143	4159	3859	4054	4.16	cps
Uranium	238-1	758	617	558	644	15.96	cps
Vanadium	51-2	800	693	783	759	7.56	cps
Yttrium	89-1	4803597	4855888	4987357	4882280	1.94	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 15:58:35	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	455526	458167	449416	454370	0.99	cps
Zinc	66-2	1990	1827	1917	1911	4.28	cps
Zirconium	90-1	483	675	984	714	35.36	cps
Zirconium	91-1	117	927	133	392	118.03	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:01:23	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	730	840	1709	1093	49.05	cps
Antimony	121-1	392	400	442	411	6.52	cps
Arsenic	75-2	44	36	35	38	12.87	cps
Barium	135-1	6560	7227	7235	7008	5.53	cps
Barium	137-1	12181	12489	12172	12281	1.47	cps
Beryllium	9-1	20	16	34	23	40.49	cps
Bismuth	209-1	2802627	2860932	2805804	2823121	1.16	cps
Bismuth	209-2	1462045	1480062	1463834	1468647	0.68	cps
Boron	11-1	6970	6898	6770	6880	1.47	cps
Boron	10-1	1406	1412	1464	1427	2.23	cps
Bromine	81-1	16427	15504	16296	16076	3.10	cps
Cadmium	106-1	1150	975	875	1000	13.92	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Cadmium	111-1	817	707	622	715	13.70	cps
Calcium	43-1	25832	26133	26016	25993	0.58	cps
Calcium	44-1	443405	446982	449654	446680	0.70	cps
Chromium	52-2	1690	1740	1557	1662	5.70	cps
Cobalt	59-2	140	183	180	168	14.37	cps
Copper	63-2	1087	1107	1030	1074	3.70	cps
Dysprosium	156-1	33	67	33	44	43.31	cps
Dysprosium	156-2	17	23	17	19	20.36	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	20	10	37	22	60.63	cps
Gadolinium	160-1	117	67	67	83	34.64	cps
Gadolinium	160-2	40	30	27	32	21.53	cps
Holmium	165-1	4858656	4862703	4814066	4845142	0.56	cps
Holmium	165-2	2152290	2203640	2136549	2164160	1.62	cps
Indium	115-1	4507873	4574656	4559042	4547190	0.77	cps
Indium	115-2	608073	610085	608099	608752	0.19	cps
Iron	54-2	12461	12706	12172	12446	2.15	cps
Iron	56-2	222728	225473	221587	223262	0.89	cps
Iron	57-2	5751	5690	5762	5735	0.68	cps
Krypton	83-1	1397	1310	1427	1378	4.40	cps
Lead	207-1	5746	6129	5901	5926	3.25	cps
Lead	208-1	27156	27951	28012	27707	1.72	cps
Lead	206-1	7119	7102	7113	7111	0.12	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:01:23	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	820463	827974	830254	826230	0.62	cps
Magnesium	24-2	19747	19897	18587	19411	3.69	cps
Manganese	55-2	12135	12135	12382	12218	1.17	cps
Molybdenum	94-1	492	575	550	539	7.94	cps
Molybdenum	95-1	725	800	767	764	4.92	cps
Molybdenum	96-1	1008	1042	1108	1053	4.84	cps
Molybdenum	97-1	483	475	425	461	6.84	cps
Molybdenum	98-1	1158	1200	1167	1175	1.88	cps
Neodymium	150-1	80	47	53	60	29.40	cps
Neodymium	150-2	20	23	43	29	43.68	cps
Nickel	60-2	207	187	197	197	5.08	cps
Phosphorus	31-2	267	200	242	236	14.26	cps
Potassium	39-2	26617	28153	27301	27357	2.81	cps
Rhodium	103-1	4284481	4375452	4414315	4358083	1.53	cps
Rhodium	103-2	1970427	1977481	1961872	1969927	0.40	cps
Scandium	45-1	2665711	2704301	2672239	2680750	0.77	cps
Scandium	45-2	67357	68259	66681	67432	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	24	32	34	34.01	cps
Selenium	82-1	11	58	-119	-17	-543.37	cps
Silicon	28-1	1104889	1141996	1137513	1128133	1.80	cps
Silver	109-1	217	75	125	139	51.73	cps
Silver	107-1	183	175	150	169	10.24	cps
Sodium	23-2	105782	107285	106018	106361	0.76	cps
Strontium	86-1	18388	18229	17787	18134	1.72	cps
Strontium	88-1	138247	140974	139652	139624	0.98	cps
Sulfur	34-1	337481	336129	333123	335577	0.66	cps
Terbium	159-1	4982765	5156997	5085119	5074960	1.73	cps
Terbium	159-2	2146237	2191498	2194878	2177538	1.25	cps
Thallium	203-1	42	58	33	44	28.65	cps
Thallium	205-1	92	125	92	103	18.72	cps
Tin	118-1	1675	1550	1625	1617	3.89	cps
Titanium	47-1	1417	1475	1442	1445	2.03	cps
Uranium	238-1	183	167	200	183	9.09	cps
Vanadium	51-2	170	163	190	174	7.95	cps
Yttrium	89-1	5022815	5044411	5150095	5072440	1.34	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:01:23	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	461098	461918	457942	460319	0.46	cps
Zinc	66-2	437	353	410	400	10.64	cps
Zirconium	90-1	317	342	350	336	5.16	cps
Zirconium	91-1	142	92	75	103	33.76	cps

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01MSDLX5 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5MSDL Dilution Factor : 5
 Date & Time Acquired :: 2020-01-23 16:04:13 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31080	30545	30627	30751	0.94	cps
Antimony	121-1	454298	461494	463811	459868	1.08	cps
Arsenic	75-2	13277	13188	13298	13254	0.44	cps
Barium	135-1	448156	453790	457474	453140	1.04	cps
Barium	137-1	776113	785133	783656	781634	0.62	cps
Beryllium	9-1	48664	48419	49531	48871	1.20	cps
Bismuth	209-1	2761317	2809992	2835820	2802376	1.35	cps
Bismuth	209-2	1459158	1437679	1440258	1445698	0.81	cps
Boron	11-1	19203	22593	24143	21979	11.50	cps
Boron	10-1	4118	4494	4764	4458	7.28	cps
Bromine	81-1	20135	22271	23454	21953	7.66	cps
Cadmium	106-1	10871	11071	11138	11027	1.26	cps
Cadmium	108-1	6877	6989	7381	7082	3.74	cps
Cadmium	111-1	103175	102993	104234	103467	0.65	cps
Calcium	43-1	215347	215058	214749	215051	0.14	cps
Calcium	44-1	3490358	3548025	3634238	3557541	2.04	cps
Chromium	52-2	94955	94684	94560	94733	0.21	cps
Cobalt	59-2	177401	177854	176905	177387	0.27	cps
Copper	63-2	257612	259780	259462	258951	0.45	cps
Dysprosium	156-1	167	333	242	247	33.77	cps
Dysprosium	156-2	97	90	107	98	8.58	cps
Erbium	164-1	200	200	217	206	4.68	cps
Erbium	164-2	113	117	87	106	15.58	cps
Gadolinium	160-1	308	192	308	269	25.00	cps
Gadolinium	160-2	153	120	103	126	20.28	cps
Holmium	165-1	4749130	4714092	4846424	4769882	1.44	cps
Holmium	165-2	2148734	2127551	2156041	2144109	0.69	cps
Indium	115-1	4441635	4443995	4516414	4467348	0.95	cps
Indium	115-2	594705	585416	589450	589857	0.79	cps
Iron	54-2	236331	239100	235552	236994	0.79	cps
Iron	56-2	4294264	4328435	4361157	4327952	0.77	cps
Iron	57-2	106724	107474	107928	107375	0.57	cps
Krypton	83-1	1310	1420	1337	1356	4.23	cps
Lead	207-1	241257	246601	249427	245762	1.69	cps
Lead	208-1	1087302	1102747	1123102	1104384	1.63	cps
Lead	206-1	267846	273430	278716	273331	1.99	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:04:13	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	793233	808627	824290	808717	1.92	cps
Magnesium	24-2	500859	496719	500931	499503	0.48	cps
Manganese	55-2	135669	133056	131788	133504	1.48	cps
Molybdenum	94-1	758097	765575	774823	766165	1.09	cps
Molybdenum	95-1	917350	920923	934861	924378	1.00	cps
Molybdenum	96-1	1013541	1038378	1046576	1032832	1.67	cps
Molybdenum	97-1	573278	589790	582450	581839	1.42	cps
Molybdenum	98-1	1492432	1531461	1524012	1515968	1.37	cps
Neodymium	150-1	433	480	447	453	5.30	cps
Neodymium	150-2	127	153	127	136	11.36	cps
Nickel	60-2	51031	51369	51312	51237	0.35	cps
Phosphorus	31-2	267	208	108	194	41.18	cps
Potassium	39-2	260626	258615	259158	259466	0.40	cps
Rhodium	103-1	4241146	4282177	4342187	4288503	1.18	cps
Rhodium	103-2	1906684	1887217	1848039	1880646	1.59	cps
Scandium	45-1	2661472	2635600	2570267	2622446	1.79	cps
Scandium	45-2	66604	66011	66437	66350	0.46	cps
Selenium	77-2	147	160	197	168	15.43	cps
Selenium	78-2	587	582	626	598	4.03	cps
Selenium	82-1	6345	6559	6636	6513	2.31	cps
Silicon	28-1	3990151	4057271	4140210	4062544	1.85	cps
Silver	109-1	443066	448001	451064	447377	0.90	cps
Silver	107-1	465652	475198	471795	470882	1.03	cps
Sodium	23-2	1322253	1309623	1276438	1302771	1.82	cps
Strontium	86-1	200525	204294	205515	203445	1.28	cps
Strontium	88-1	1736143	1734646	1779477	1750089	1.45	cps
Sulfur	34-1	338779	338623	338914	338772	0.04	cps
Terbium	159-1	4990709	4941747	5022539	4984998	0.82	cps
Terbium	159-2	2143309	2136412	2116966	2132229	0.64	cps
Thallium	203-1	285494	290928	297629	291350	2.09	cps
Thallium	205-1	677276	686409	694035	685907	1.22	cps
Tin	118-1	292568	302484	299543	298199	1.71	cps
Titanium	47-1	240377	246910	245011	244099	1.38	cps
Uranium	238-1	804527	806414	824988	811976	1.39	cps
Vanadium	51-2	73759	73216	73548	73508	0.37	cps
Yttrium	89-1	4953541	4781261	5003468	4912757	2.37	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:04:13	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	454900	441668	442273	446280	1.67	cps
Zinc	66-2	32992	32972	32928	32964	0.10	cps
Zirconium	90-1	660755	673107	673991	669285	1.11	cps
Zirconium	91-1	145765	150061	148755	148194	1.49	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDDI	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:07:02	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30729	29861	30516	30369	1.49	cps
Antimony	121-1	447706	452244	467375	455775	2.26	cps
Arsenic	75-2	13222	13091	13180	13164	0.51	cps
Barium	135-1	439435	449060	457836	448777	2.05	cps
Barium	137-1	756398	774291	783584	771424	1.79	cps
Beryllium	9-1	48010	49830	49740	49193	2.08	cps
Bismuth	209-1	2752958	2828495	2772472	2784642	1.41	cps
Bismuth	209-2	1474090	1459060	1461291	1464814	0.55	cps
Boron	11-1	21716	24339	26833	24296	10.53	cps
Boron	10-1	4318	4672	5342	4777	10.89	cps
Bromine	81-1	19413	20997	22932	21114	8.35	cps
Cadmium	106-1	11030	11572	11472	11358	2.54	cps
Cadmium	108-1	7164	7273	7256	7231	0.81	cps
Cadmium	111-1	102099	102918	104274	103097	1.07	cps
Calcium	43-1	204713	212156	217014	211294	2.93	cps
Calcium	44-1	3466378	3493519	3651040	3536979	2.82	cps
Chromium	52-2	91997	92792	92919	92570	0.54	cps
Cobalt	59-2	177000	175434	173012	175149	1.15	cps
Copper	63-2	253595	258420	259026	257014	1.16	cps
Dysprosium	156-1	175	242	283	233	23.42	cps
Dysprosium	156-2	97	117	90	101	13.73	cps
Erbium	164-1	225	250	267	247	8.48	cps
Erbium	164-2	107	127	127	120	9.62	cps
Gadolinium	160-1	225	308	292	275	16.04	cps
Gadolinium	160-2	140	97	123	120	18.21	cps
Holmium	165-1	4614793	4774160	4801377	4730110	2.13	cps
Holmium	165-2	2163112	2133401	2172284	2156266	0.94	cps
Indium	115-1	4474877	4567517	4474264	4505553	1.19	cps
Indium	115-2	598465	598230	597448	598048	0.09	cps
Iron	54-2	232733	232057	236260	233683	0.97	cps
Iron	56-2	4311309	4278136	4323924	4304457	0.55	cps
Iron	57-2	108700	105963	106556	107073	1.34	cps
Krypton	83-1	1373	1340	1443	1386	3.81	cps
Lead	207-1	237865	239979	248124	241989	2.24	cps
Lead	208-1	1070000	1097879	1118819	1095566	2.24	cps
Lead	206-1	266201	272202	280060	272821	2.55	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDDI	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:07:02	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	803924	830841	833191	822652	1.98	cps
Magnesium	24-2	497269	488162	495716	493716	0.99	cps
Manganese	55-2	130587	131950	131785	131441	0.57	cps
Molybdenum	94-1	756404	762768	792872	770682	2.53	cps
Molybdenum	95-1	918578	933508	953464	935183	1.87	cps
Molybdenum	96-1	1020263	1017461	1043348	1027024	1.38	cps
Molybdenum	97-1	570254	583602	590207	581354	1.75	cps
Molybdenum	98-1	1493674	1502584	1534971	1510410	1.44	cps
Neodymium	150-1	467	407	393	422	9.25	cps
Neodymium	150-2	157	140	93	130	25.26	cps
Nickel	60-2	50372	50630	50395	50466	0.28	cps
Phosphorus	31-2	133	192	275	200	35.60	cps
Potassium	39-2	255195	251911	255333	254146	0.76	cps
Rhodium	103-1	4288526	4317558	4340361	4315482	0.60	cps
Rhodium	103-2	1972256	1915460	1942827	1943514	1.46	cps
Scandium	45-1	2613504	2666216	2669178	2649633	1.18	cps
Scandium	45-2	66547	67143	66815	66835	0.45	cps
Selenium	77-2	187	227	160	191	17.56	cps
Selenium	78-2	616	582	578	592	3.53	cps
Selenium	82-1	6329	6444	6629	6467	2.35	cps
Silicon	28-1	4072523	4177170	4180463	4143385	1.48	cps
Silver	109-1	437850	435174	449319	440781	1.70	cps
Silver	107-1	465802	467573	469305	467560	0.37	cps
Sodium	23-2	1281843	1242556	1273956	1266118	1.64	cps
Strontium	86-1	197643	200280	204423	200782	1.70	cps
Strontium	88-1	1724384	1753078	1776309	1751257	1.49	cps
Sulfur	34-1	339796	340709	341607	340704	0.27	cps
Terbium	159-1	4945572	4956884	5038005	4980154	1.01	cps
Terbium	159-2	2173963	2177230	2149320	2166837	0.70	cps
Thallium	203-1	280765	290558	287677	286333	1.76	cps
Thallium	205-1	666671	678872	692210	679251	1.88	cps
Tin	118-1	288693	294579	300918	294730	2.07	cps
Titanium	47-1	237097	244588	250240	243975	2.70	cps
Uranium	238-1	789554	805781	806983	800773	1.22	cps
Vanadium	51-2	72027	71139	71233	71466	0.68	cps
Yttrium	89-1	4916638	4885270	4960997	4920968	0.77	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDDI	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:07:02	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	457233	456550	454003	455929	0.37	cps
Zinc	66-2	32444	31762	32080	32095	1.06	cps
Zirconium	90-1	649507	656957	664376	656947	1.13	cps
Zirconium	91-1	146978	144688	143769	145145	1.14	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:09:52	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31110	30656	31097	30954	0.84	cps
Antimony	121-1	466867	475738	471831	471479	0.94	cps
Arsenic	75-2	13581	13272	13182	13345	1.57	cps
Barium	135-1	463147	466368	464511	464676	0.35	cps
Barium	137-1	800925	795757	799349	798677	0.33	cps
Beryllium	9-1	51140	50359	50679	50726	0.77	cps
Bismuth	209-1	2774040	2789604	2850172	2804606	1.43	cps
Bismuth	209-2	1448385	1436903	1459451	1448247	0.78	cps
Boron	11-1	22917	25918	27903	25579	9.81	cps
Boron	10-1	4570	4998	5542	5037	9.67	cps
Bromine	81-1	19123	20446	22291	20620	7.72	cps
Cadmium	106-1	11338	11605	11180	11374	1.89	cps
Cadmium	108-1	7519	7390	7398	7435	0.97	cps
Cadmium	111-1	104093	108170	105805	106023	1.93	cps
Calcium	43-1	219713	215888	217461	217687	0.88	cps
Calcium	44-1	3638046	3637245	3580294	3618528	0.92	cps
Chromium	52-2	95403	94409	94513	94775	0.58	cps
Cobalt	59-2	181470	179650	177182	179434	1.20	cps
Copper	63-2	263670	265019	262520	263736	0.47	cps
Dysprosium	156-1	217	242	217	225	6.42	cps
Dysprosium	156-2	130	127	137	131	3.88	cps
Erbium	164-1	242	208	225	225	7.41	cps
Erbium	164-2	140	97	100	112	21.49	cps
Gadolinium	160-1	250	292	267	269	7.78	cps
Gadolinium	160-2	123	143	127	131	8.17	cps
Holmium	165-1	4678470	4793465	4826590	4766175	1.63	cps
Holmium	165-2	2133243	2122931	2184089	2146754	1.53	cps
Indium	115-1	4430099	4471467	4500485	4467350	0.79	cps
Indium	115-2	592438	588698	601592	594243	1.12	cps
Iron	54-2	239197	237520	238862	238526	0.37	cps
Iron	56-2	4452443	4370727	4445676	4422949	1.03	cps
Iron	57-2	108045	109097	107726	108289	0.66	cps
Krypton	83-1	1377	1317	1350	1348	2.23	cps
Lead	207-1	247022	251772	251260	250018	1.04	cps
Lead	208-1	1112302	1133841	1125339	1123828	0.97	cps
Lead	206-1	277312	281118	279886	279438	0.69	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:09:52	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	806774	816254	833813	818947	1.68	cps
Magnesium	24-2	502813	495564	505952	501443	1.06	cps
Manganese	55-2	135021	133424	133887	134111	0.61	cps
Molybdenum	94-1	783408	789887	790793	788029	0.51	cps
Molybdenum	95-1	954601	955015	957762	955793	0.18	cps
Molybdenum	96-1	1054176	1067252	1057341	1059590	0.64	cps
Molybdenum	97-1	591416	596280	592441	593379	0.43	cps
Molybdenum	98-1	1530653	1575263	1519695	1541871	1.91	cps
Neodymium	150-1	373	453	500	442	14.49	cps
Neodymium	150-2	203	110	103	139	40.26	cps
Nickel	60-2	51831	51222	51998	51683	0.79	cps
Phosphorus	31-2	200	250	183	211	16.43	cps
Potassium	39-2	258316	257019	262519	259285	1.11	cps
Rhodium	103-1	4193134	4350311	4323071	4288839	1.96	cps
Rhodium	103-2	1907566	1922248	1944754	1924856	0.97	cps
Scandium	45-1	2594805	2568947	2632160	2598638	1.22	cps
Scandium	45-2	66339	66473	66896	66569	0.44	cps
Selenium	77-2	210	160	157	176	17.02	cps
Selenium	78-2	636	527	560	574	9.73	cps
Selenium	82-1	6448	6602	6756	6602	2.34	cps
Silicon	28-1	4231804	4284826	4457870	4324833	2.73	cps
Silver	109-1	449438	457582	456044	454355	0.95	cps
Silver	107-1	475106	481556	477402	478021	0.68	cps
Sodium	23-2	1307415	1298572	1302339	1302776	0.34	cps
Strontium	86-1	208178	207920	211602	209233	0.98	cps
Strontium	88-1	1804200	1792506	1803994	1800233	0.37	cps
Sulfur	34-1	342445	345099	342251	343265	0.46	cps
Terbium	159-1	4895036	4920057	5016627	4943907	1.30	cps
Terbium	159-2	2130666	2161746	2199012	2163808	1.58	cps
Thallium	203-1	300680	300708	296228	299205	0.86	cps
Thallium	205-1	695026	700903	700362	698764	0.46	cps
Tin	118-1	301264	309131	310465	306953	1.62	cps
Titanium	47-1	247937	251288	247540	248922	0.83	cps
Uranium	238-1	839308	820023	845756	835029	1.60	cps
Vanadium	51-2	73032	72258	73286	72859	0.74	cps
Yttrium	89-1	4846346	4823600	4936001	4868649	1.22	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:09:52	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	449842	448502	451054	449799	0.28	cps
Zinc	66-2	33857	32477	32494	32943	2.40	cps
Zirconium	90-1	663873	680974	675962	673603	1.31	cps
Zirconium	91-1	147602	152672	151281	150518	1.74	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:12:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5958	5821	6488	6089	5.79	cps
Antimony	121-1	1800	1759	2150	1903	11.31	cps
Arsenic	75-2	576	539	546	554	3.55	cps
Barium	135-1	50896	50227	51883	51002	1.63	cps
Barium	137-1	87944	89269	88170	88461	0.80	cps
Beryllium	9-1	54	58	22	45	44.17	cps
Bismuth	209-1	2843185	2879871	2906909	2876655	1.11	cps
Bismuth	209-2	1480285	1495652	1495224	1490387	0.59	cps
Boron	11-1	12467	13295	13145	12969	3.40	cps
Boron	10-1	2296	2612	2598	2502	7.14	cps
Bromine	81-1	20516	22090	23564	22057	6.91	cps
Cadmium	106-1	850	792	767	803	5.33	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Cadmium	111-1	664	639	643	649	2.09	cps
Calcium	43-1	126748	126806	128941	127498	0.98	cps
Calcium	44-1	2145437	2160735	2178338	2161503	0.76	cps
Chromium	52-2	2754	2737	2660	2717	1.83	cps
Cobalt	59-2	990	887	973	950	5.84	cps
Copper	63-2	10747	10818	10561	10709	1.24	cps
Dysprosium	156-1	517	442	475	478	7.86	cps
Dysprosium	156-2	177	203	230	203	13.11	cps
Erbium	164-1	392	342	442	392	12.77	cps
Erbium	164-2	217	180	167	188	13.79	cps
Gadolinium	160-1	458	533	533	508	8.52	cps
Gadolinium	160-2	267	257	243	256	4.58	cps
Holmium	165-1	4842778	4917722	4906218	4888906	0.83	cps
Holmium	165-2	2229927	2204233	2204697	2212952	0.66	cps
Indium	115-1	4497031	4558573	4560783	4538795	0.80	cps
Indium	115-2	616570	615201	614507	615426	0.17	cps
Iron	54-2	203040	202465	204437	203314	0.50	cps
Iron	56-2	3796929	3830295	3912462	3846562	1.55	cps
Iron	57-2	94925	94366	94501	94597	0.31	cps
Krypton	83-1	1403	1277	1200	1293	7.94	cps
Lead	207-1	71362	72312	73715	72463	1.63	cps
Lead	208-1	330609	335261	340037	335303	1.41	cps
Lead	206-1	85597	87768	87555	86973	1.38	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:12:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	818660	831603	840395	830219	1.32	cps
Magnesium	24-2	101000	100269	96905	99391	2.20	cps
Manganese	55-2	63407	63805	63383	63532	0.37	cps
Molybdenum	94-1	2300	2267	2417	2328	3.38	cps
Molybdenum	95-1	3367	3809	3851	3676	7.29	cps
Molybdenum	96-1	4059	4017	4226	4101	2.69	cps
Molybdenum	97-1	2092	1934	2492	2172	13.25	cps
Molybdenum	98-1	6143	5651	5735	5843	4.51	cps
Neodymium	150-1	900	853	927	893	4.16	cps
Neodymium	150-2	307	260	250	272	11.11	cps
Nickel	60-2	963	940	963	956	1.41	cps
Phosphorus	31-2	283	250	275	269	6.44	cps
Potassium	39-2	90937	91565	88362	90288	1.88	cps
Rhodium	103-1	4371356	4496394	4445139	4437630	1.42	cps
Rhodium	103-2	1987618	1993131	1964969	1981906	0.75	cps
Scandium	45-1	2610780	2690979	2662566	2654775	1.53	cps
Scandium	45-2	67642	67579	66959	67393	0.56	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	40	35	32	36	11.33	cps
Selenium	82-1	-12	54	136	59	124.77	cps
Silicon	28-1	4298792	4359253	4359435	4339160	0.81	cps
Silver	109-1	292	317	258	289	10.13	cps
Silver	107-1	267	225	250	247	8.48	cps
Sodium	23-2	503494	497524	500128	500382	0.60	cps
Strontium	86-1	85294	88403	87355	87017	1.82	cps
Strontium	88-1	729785	739801	744426	738004	1.01	cps
Sulfur	34-1	344282	341568	344076	343309	0.44	cps
Terbium	159-1	5103020	5187106	5099084	5129737	0.97	cps
Terbium	159-2	2161546	2210041	2224479	2198689	1.50	cps
Thallium	203-1	133	58	75	89	44.30	cps
Thallium	205-1	375	333	275	328	15.32	cps
Tin	118-1	12172	12264	12322	12253	0.62	cps
Titanium	47-1	7327	7486	7219	7344	1.83	cps
Uranium	238-1	992	975	808	925	10.96	cps
Vanadium	51-2	1717	1757	1633	1702	3.70	cps
Yttrium	89-1	4980262	5004913	5012008	4999061	0.33	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:12:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	462792	457319	461087	460399	0.61	cps
Zinc	66-2	4154	4127	4064	4115	1.12	cps
Zirconium	90-1	1017	3363	1259	1879	68.66	cps
Zirconium	91-1	192	200	192	194	2.48	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:17:47	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708166	699770	715063	707667	1.08	cps
Antimony	121-1	1864650	1935545	1932724	1910973	2.10	cps
Arsenic	75-2	55414	55038	55119	55190	0.36	cps
Barium	135-1	2030247	2116172	2095525	2080648	2.16	cps
Barium	137-1	3598683	3674788	3573656	3615709	1.46	cps
Beryllium	9-1	257113	260217	259375	258902	0.62	cps
Bismuth	209-1	2956340	2866292	2823650	2882094	2.35	cps
Bismuth	209-2	1508778	1481372	1509089	1499746	1.06	cps
Boron	11-1	74537	84516	90490	83181	9.69	cps
Boron	10-1	14628	16830	17949	16469	10.26	cps
Bromine	81-1	5597	5497	5216	5437	3.63	cps
Cadmium	106-1	45400	46136	46178	45905	0.95	cps
Cadmium	108-1	30781	31603	32054	31479	2.05	cps
Cadmium	111-1	440047	446770	442061	442959	0.78	cps
Calcium	43-1	2248318	2253296	2274804	2258806	0.62	cps
Calcium	44-1	36599352	37856347	36783382	37079694	1.83	cps
Chromium	52-2	417071	411676	419387	416045	0.95	cps
Cobalt	59-2	774907	771177	766399	770828	0.55	cps
Copper	63-2	1208159	1192831	1204856	1201949	0.67	cps
Dysprosium	156-1	133	83	58	92	41.66	cps
Dysprosium	156-2	27	87	50	54	55.55	cps
Erbium	164-1	83	42	83	69	34.64	cps
Erbium	164-2	20	10	23	18	39.03	cps
Gadolinium	160-1	192	175	92	153	35.07	cps
Gadolinium	160-2	80	67	60	69	14.78	cps
Holmium	165-1	5131031	5057273	4898197	5028834	2.37	cps
Holmium	165-2	2244370	2301250	2295852	2280491	1.38	cps
Indium	115-1	4777284	4607881	4573758	4652974	2.34	cps
Indium	115-2	646047	634442	644650	641713	0.99	cps
Iron	54-2	4235938	4224226	4222104	4227423	0.18	cps
Iron	56-2	78957691	77488563	77761374	78069209	1.00	cps
Iron	57-2	1991465	1978362	2007987	1992605	0.75	cps
Krypton	83-1	1340	1243	1287	1290	3.75	cps
Lead	207-1	902262	897866	899726	899951	0.25	cps
Lead	208-1	4222097	4206141	4197185	4208474	0.30	cps
Lead	206-1	1035418	1026153	1024110	1028560	0.59	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:17:47	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	748871	740948	739176	742998	0.69	cps
Magnesium	24-2	10040357	9896793	9883867	9940339	0.87	cps
Manganese	55-2	367899	361250	357782	362310	1.42	cps
Molybdenum	94-1	3738744	3798946	3802095	3779928	0.94	cps
Molybdenum	95-1	4714317	4615280	4692476	4674024	1.11	cps
Molybdenum	96-1	5309359	5239836	5202842	5250679	1.03	cps
Molybdenum	97-1	2780164	2864167	2890349	2844893	2.02	cps
Molybdenum	98-1	7427221	7417381	7444850	7429818	0.19	cps
Neodymium	150-1	87	53	47	62	34.44	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	218156	214143	217729	216676	1.02	cps
Phosphorus	31-2	9211	9111	8853	9059	2.04	cps
Potassium	39-2	4203958	4181506	4180882	4188782	0.31	cps
Rhodium	103-1	4417558	4360961	4395711	4391410	0.65	cps
Rhodium	103-2	1995537	1970206	1993291	1986344	0.71	cps
Scandium	45-1	2793555	2848612	2813713	2818627	0.99	cps
Scandium	45-2	72536	71728	73732	72665	1.39	cps
Selenium	77-2	723	787	697	736	6.29	cps
Selenium	78-2	2440	2332	2387	2387	2.26	cps
Selenium	82-1	28353	28747	28399	28499	0.76	cps
Silicon	28-1	1297587	1320835	1367291	1328571	2.67	cps
Silver	109-1	2187618	2234929	2216447	2212998	1.08	cps
Silver	107-1	2223248	2300729	2280172	2268050	1.77	cps
Sodium	23-2	19345785	18937425	18897458	19060223	1.30	cps
Strontium	86-1	561842	573794	572970	569535	1.17	cps
Strontium	88-1	4850612	5035124	4911979	4932572	1.90	cps
Sulfur	34-1	474447	467887	472273	471536	0.71	cps
Terbium	159-1	5259058	5278130	5166405	5234531	1.14	cps
Terbium	159-2	2294843	2273344	2298316	2288834	0.59	cps
Thallium	203-1	1277543	1299536	1273630	1283570	1.09	cps
Thallium	205-1	3010950	3060153	3027475	3032859	0.83	cps
Tin	118-1	1421125	1432231	1427109	1426822	0.39	cps
Titanium	47-1	1187380	1215104	1205120	1202534	1.17	cps
Uranium	238-1	3746468	3733659	3669459	3716528	1.11	cps
Vanadium	51-2	325995	325548	322232	324592	0.63	cps
Yttrium	89-1	5185799	5358720	5110564	5218361	2.44	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:17:47	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	491233	489060	493962	491418	0.50	cps
Zinc	66-2	151827	149311	151193	150777	0.87	cps
Zirconium	90-1	3105013	3175109	3069231	3116451	1.73	cps
Zirconium	91-1	691984	704492	694029	696835	0.96	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:22:21	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	360	307	328	8.65	cps
Antimony	121-1	183	242	242	222	15.16	cps
Arsenic	75-2	2	0	3	2	91.65	cps
Barium	135-1	25	67	75	56	48.22	cps
Barium	137-1	83	108	117	103	16.88	cps
Beryllium	9-1	40	42	34	39	10.77	cps
Bismuth	209-1	2758477	2738049	2790915	2762480	0.97	cps
Bismuth	209-2	1477845	1480308	1479495	1479216	0.08	cps
Boron	11-1	8919	8737	8507	8721	2.37	cps
Boron	10-1	1852	1622	1584	1686	8.60	cps
Bromine	81-1	3995	3885	4055	3978	2.17	cps
Cadmium	106-1	867	817	1000	894	10.60	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Cadmium	111-1	656	634	713	668	6.14	cps
Calcium	43-1	708	742	667	706	5.33	cps
Calcium	44-1	41511	40608	41594	41238	1.33	cps
Chromium	52-2	1623	1593	1650	1622	1.75	cps
Cobalt	59-2	27	23	30	27	12.51	cps
Copper	63-2	243	230	297	257	13.74	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	10	13	0	8	89.21	cps
Gadolinium	160-1	17	58	25	33	66.14	cps
Gadolinium	160-2	17	3	17	12	63.01	cps
Holmium	165-1	4577239	4747562	4842322	4722374	2.84	cps
Holmium	165-2	2215010	2264470	2202618	2227366	1.47	cps
Indium	115-1	4464120	4459139	4482341	4468533	0.27	cps
Indium	115-2	614541	617772	607633	613315	0.84	cps
Iron	54-2	450	483	450	461	4.17	cps
Iron	56-2	3923	4012	3678	3871	4.46	cps
Iron	57-2	150	167	100	139	24.98	cps
Krypton	83-1	1297	1230	1143	1223	6.29	cps
Lead	207-1	117	133	161	137	16.38	cps
Lead	208-1	628	678	667	657	3.99	cps
Lead	206-1	167	144	178	163	10.41	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:22:21	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	704089	694183	700002	699425	0.71	cps
Magnesium	24-2	358	242	283	294	20.08	cps
Manganese	55-2	90	140	97	109	24.93	cps
Molybdenum	94-1	233	258	192	228	14.79	cps
Molybdenum	95-1	175	150	142	156	11.15	cps
Molybdenum	96-1	275	217	358	283	25.13	cps
Molybdenum	97-1	108	83	50	81	36.33	cps
Molybdenum	98-1	258	192	175	208	21.17	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	37	83	80	67	39.05	cps
Phosphorus	31-2	250	275	250	258	5.59	cps
Potassium	39-2	12764	12164	12197	12375	2.73	cps
Rhodium	103-1	4343723	4269871	4456114	4356569	2.15	cps
Rhodium	103-2	1941660	2018679	1923932	1961424	2.57	cps
Scandium	45-1	2588909	2703375	2696328	2662871	2.41	cps
Scandium	45-2	69732	69899	69240	69624	0.49	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	35	38	38	37	4.68	cps
Selenium	82-1	-23	26	160	54	174.22	cps
Silicon	28-1	462076	466521	467481	465359	0.62	cps
Silver	109-1	142	133	92	122	21.92	cps
Silver	107-1	200	183	117	167	26.46	cps
Sodium	23-2	8986	9161	9337	9161	1.91	cps
Strontium	86-1	2109	1867	2159	2045	7.63	cps
Strontium	88-1	192	208	192	197	4.88	cps
Sulfur	34-1	353830	358474	357863	356722	0.71	cps
Terbium	159-1	4949837	5037529	5013625	5000330	0.91	cps
Terbium	159-2	2229488	2192239	2184161	2201963	1.10	cps
Thallium	203-1	158	142	150	150	5.56	cps
Thallium	205-1	392	342	342	358	8.06	cps
Tin	118-1	475	433	408	439	7.67	cps
Titanium	47-1	942	975	917	945	3.10	cps
Uranium	238-1	83	92	83	86	5.58	cps
Vanadium	51-2	17	30	53	33	55.67	cps
Yttrium	89-1	4750024	4989212	4861981	4867072	2.46	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 16:22:21	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	464923	469422	470582	468309	0.64	cps
Zinc	66-2	87	63	77	76	15.50	cps
Zirconium	90-1	367	475	333	392	18.91	cps
Zirconium	91-1	58	58	58	58	0.01	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:28:10	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27737	28094	27550	27794	1.00	cps
Antimony	121-1	2550	3434	4051	3345	22.55	cps
Arsenic	75-2	191	203	182	192	5.49	cps
Barium	135-1	26076	27862	26693	26877	3.38	cps
Barium	137-1	47116	46765	48246	47376	1.63	cps
Beryllium	9-1	116	124	100	113	10.78	cps
Bismuth	209-1	2644745	2787494	2793583	2741941	3.07	cps
Bismuth	209-2	1472693	1490867	1480688	1481416	0.61	cps
Boron	11-1	5634	5864	5936	5811	2.71	cps
Boron	10-1	1176	1158	1084	1139	4.28	cps
Bromine	81-1	9924	10595	11657	10725	8.15	cps
Cadmium	106-1	808	1133	917	953	17.37	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Cadmium	111-1	665	843	720	743	12.23	cps
Calcium	43-1	110280	108316	112269	110288	1.79	cps
Calcium	44-1	1867664	1853743	1865585	1862331	0.40	cps
Chromium	52-2	7609	7435	7389	7478	1.55	cps
Cobalt	59-2	6201	6425	6138	6255	2.41	cps
Copper	63-2	14694	15085	15348	15043	2.19	cps
Dysprosium	156-1	3000	2592	2784	2792	7.32	cps
Dysprosium	156-2	1217	1150	1170	1179	2.90	cps
Erbium	164-1	3292	3551	3234	3359	5.02	cps
Erbium	164-2	1450	1403	1460	1438	2.10	cps
Gadolinium	160-1	2734	2900	2842	2825	2.99	cps
Gadolinium	160-2	1413	1310	1397	1373	4.04	cps
Holmium	165-1	4397618	4649467	4827337	4624807	4.67	cps
Holmium	165-2	2220966	2172544	2133489	2175666	2.01	cps
Indium	115-1	4049617	4267202	4467874	4261564	4.91	cps
Indium	115-2	611548	606976	609134	609219	0.38	cps
Iron	54-2	405646	406541	409338	407175	0.47	cps
Iron	56-2	7599416	7590378	7613143	7600979	0.15	cps
Iron	57-2	186577	190698	188215	188497	1.10	cps
Krypton	83-1	1353	1120	1277	1250	9.51	cps
Lead	207-1	8381	8603	8397	8460	1.46	cps
Lead	208-1	40287	40225	39597	40036	0.95	cps
Lead	206-1	10276	10560	10126	10321	2.13	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:28:10	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	679429	709946	728616	705997	3.52	cps
Magnesium	24-2	90540	90749	88863	90051	1.15	cps
Manganese	55-2	121011	123280	123597	122629	1.15	cps
Molybdenum	94-1	2317	2392	2750	2486	9.32	cps
Molybdenum	95-1	1092	1383	1017	1164	16.64	cps
Molybdenum	96-1	1633	1658	1800	1697	5.30	cps
Molybdenum	97-1	742	658	725	708	6.22	cps
Molybdenum	98-1	1758	1850	1625	1745	6.49	cps
Neodymium	150-1	3534	3754	3621	3636	3.05	cps
Neodymium	150-2	1100	1057	1093	1083	2.15	cps
Nickel	60-2	3631	3447	3590	3556	2.71	cps
Phosphorus	31-2	450	250	442	381	29.73	cps
Potassium	39-2	83601	85588	87700	85629	2.39	cps
Rhodium	103-1	4028021	4237596	4365365	4210327	4.05	cps
Rhodium	103-2	1964519	1942182	1960483	1955728	0.61	cps
Scandium	45-1	2493942	2590833	2604098	2562958	2.35	cps
Scandium	45-2	68781	68503	67357	68214	1.11	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	40	50	32	41	22.19	cps
Selenium	82-1	-21	205	34	73	162.08	cps
Silicon	28-1	4959396	4998039	5072769	5010068	1.15	cps
Silver	109-1	225	208	242	225	7.41	cps
Silver	107-1	200	250	183	211	16.43	cps
Sodium	23-2	2397504	2356461	2325956	2359973	1.52	cps
Strontium	86-1	60682	64315	63796	62931	3.12	cps
Strontium	88-1	511395	526259	529938	522531	1.88	cps
Sulfur	34-1	381307	382839	378674	380940	0.55	cps
Terbium	159-1	4642026	5023179	4925218	4863474	4.07	cps
Terbium	159-2	2174789	2247258	2234543	2218863	1.74	cps
Thallium	203-1	383	408	325	372	11.49	cps
Thallium	205-1	975	825	925	908	8.41	cps
Tin	118-1	1500	1475	1675	1550	7.03	cps
Titanium	47-1	72326	73953	71019	72433	2.03	cps
Uranium	238-1	1734	1709	1742	1728	1.00	cps
Vanadium	51-2	6148	6758	6011	6306	6.31	cps
Yttrium	89-1	4627588	4865430	4840352	4777790	2.74	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1165-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-GW-01-45DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:28:10	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	470939	467764	470549	469751	0.37	cps
Zinc	66-2	1893	1927	1903	1908	0.90	cps
Zirconium	90-1	4951	5802	5151	5301	8.39	cps
Zirconium	91-1	1233	1175	1927	1445	28.95	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:30:58	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25472	25279	23496	24749	4.40	cps
Antimony	121-1	2809	4001	3959	3589	18.85	cps
Arsenic	75-2	189	177	174	180	4.41	cps
Barium	135-1	26401	25708	26427	26179	1.56	cps
Barium	137-1	45719	44231	43947	44633	2.13	cps
Beryllium	9-1	96	88	90	91	4.56	cps
Bismuth	209-1	2821645	2887831	2854419	2854632	1.16	cps
Bismuth	209-2	1510770	1479647	1454107	1481508	1.92	cps
Boron	11-1	4950	5194	5318	5154	3.63	cps
Boron	10-1	1034	962	1000	999	3.61	cps
Bromine	81-1	10825	11296	12388	11503	6.97	cps
Cadmium	106-1	967	900	817	895	8.40	cps
Cadmium	108-1	25	13	8	15	56.79	cps
Cadmium	111-1	743	746	649	713	7.72	cps
Calcium	43-1	108114	107559	107224	107632	0.42	cps
Calcium	44-1	1831427	1796974	1868086	1832162	1.94	cps
Chromium	52-2	7495	7515	7339	7450	1.30	cps
Cobalt	59-2	5891	5895	5678	5821	2.13	cps
Copper	63-2	14377	13940	13797	14038	2.15	cps
Dysprosium	156-1	2459	2667	2492	2539	4.41	cps
Dysprosium	156-2	1057	1183	1217	1152	7.33	cps
Erbium	164-1	3142	3292	3384	3273	3.73	cps
Erbium	164-2	1377	1393	1413	1395	1.32	cps
Gadolinium	160-1	2600	3034	2717	2784	8.06	cps
Gadolinium	160-2	1333	1370	1353	1352	1.36	cps
Holmium	165-1	4880623	4831621	4797385	4836543	0.87	cps
Holmium	165-2	2205025	2140095	2135444	2160188	1.80	cps
Indium	115-1	4477429	4499903	4462464	4479932	0.42	cps
Indium	115-2	600811	603582	592598	598997	0.95	cps
Iron	54-2	385484	380898	368906	378429	2.26	cps
Iron	56-2	6985420	7197862	6942758	7042013	1.94	cps
Iron	57-2	176433	176890	173752	175692	0.96	cps
Krypton	83-1	1337	1447	1287	1357	6.03	cps
Lead	207-1	8019	8147	8275	8147	1.57	cps
Lead	208-1	37027	37522	38662	37737	2.22	cps
Lead	206-1	9276	9665	10238	9726	4.97	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:30:58	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	774628	777320	786539	779495	0.80	cps
Magnesium	24-2	85291	85912	81746	84316	2.67	cps
Manganese	55-2	118547	116175	113601	116108	2.13	cps
Molybdenum	94-1	2434	2367	2459	2420	1.96	cps
Molybdenum	95-1	1033	1125	1150	1103	5.57	cps
Molybdenum	96-1	1633	1592	1759	1661	5.22	cps
Molybdenum	97-1	683	642	775	700	9.74	cps
Molybdenum	98-1	1550	1909	1708	1722	10.43	cps
Neodymium	150-1	2960	3100	3294	3118	5.37	cps
Neodymium	150-2	1067	977	1033	1026	4.44	cps
Nickel	60-2	3370	3347	3264	3327	1.69	cps
Phosphorus	31-2	375	358	375	369	2.60	cps
Potassium	39-2	81522	79771	78891	80061	1.67	cps
Rhodium	103-1	4293442	4244884	4398852	4312392	1.83	cps
Rhodium	103-2	1937897	1960738	1874799	1924478	2.31	cps
Scandium	45-1	2731072	2612016	2709818	2684302	2.37	cps
Scandium	45-2	68342	68466	64002	66937	3.80	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	22	37	37	32	27.06	cps
Selenium	82-1	-7	-110	42	-25	-309.14	cps
Silicon	28-1	4525587	4625552	4637926	4596355	1.34	cps
Silver	109-1	192	267	258	239	17.21	cps
Silver	107-1	375	225	300	300	25.00	cps
Sodium	23-2	2280691	2256526	2237672	2258296	0.95	cps
Strontium	86-1	61075	63428	61879	62128	1.92	cps
Strontium	88-1	508379	516412	514959	513250	0.83	cps
Sulfur	34-1	378554	373386	377372	376437	0.72	cps
Terbium	159-1	5100146	5099615	5159797	5119853	0.68	cps
Terbium	159-2	2163311	2151005	2108514	2140943	1.34	cps
Thallium	203-1	233	225	417	292	37.14	cps
Thallium	205-1	550	658	592	600	9.11	cps
Tin	118-1	2042	1750	2092	1961	9.41	cps
Titanium	47-1	64981	65383	65634	65333	0.50	cps
Uranium	238-1	1558	1633	1308	1500	11.35	cps
Vanadium	51-2	5498	5851	5671	5673	3.12	cps
Yttrium	89-1	4986108	5035230	4929038	4983459	1.07	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1166-01DLX5	Instrumnet Name :	P8
Client Sample ID :	QVD-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:30:58	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	462549	463319	448764	458211	1.79	cps
Zinc	66-2	1793	1897	1783	1825	3.44	cps
Zirconium	90-1	5193	4684	4976	4951	5.16	cps
Zirconium	91-1	1125	1017	1217	1120	8.94	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:33:48	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320	380	437	379	15.40	cps
Antimony	121-1	1100	1475	1525	1367	17.00	cps
Arsenic	75-2	48	56	64	56	14.28	cps
Barium	135-1	24214	26034	25825	25358	3.93	cps
Barium	137-1	43680	44625	43504	43936	1.37	cps
Beryllium	9-1	24	38	24	29	28.18	cps
Bismuth	209-1	2678573	2807233	2829467	2771757	2.94	cps
Bismuth	209-2	1456817	1470967	1464858	1464214	0.48	cps
Boron	11-1	9175	9985	10958	10039	8.89	cps
Boron	10-1	1792	1926	2196	1971	10.44	cps
Bromine	81-1	41995	51687	57014	50232	15.16	cps
Cadmium	106-1	800	842	817	819	2.56	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Cadmium	111-1	611	610	605	609	0.57	cps
Calcium	43-1	156621	158131	161062	158605	1.42	cps
Calcium	44-1	2534049	2665511	2732605	2644055	3.82	cps
Chromium	52-2	1840	1533	1780	1718	9.46	cps
Cobalt	59-2	43	43	20	36	37.89	cps
Copper	63-2	530	420	570	507	15.33	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	50	42	25	39	32.73	cps
Gadolinium	160-2	7	17	13	12	41.65	cps
Holmium	165-1	4472106	4650250	4762383	4628247	3.16	cps
Holmium	165-2	2174065	2171931	2163038	2169678	0.27	cps
Indium	115-1	4440723	4601723	4482961	4508469	1.85	cps
Indium	115-2	598345	605844	596535	600241	0.82	cps
Iron	54-2	456	411	528	465	12.67	cps
Iron	56-2	3928	3789	4062	3927	3.47	cps
Iron	57-2	206	133	150	163	23.20	cps
Krypton	83-1	1367	1447	1333	1382	4.21	cps
Lead	207-1	178	183	189	183	3.03	cps
Lead	208-1	728	817	750	765	6.05	cps
Lead	206-1	250	172	206	209	18.65	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:33:48	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	754301	786707	799024	780011	2.96	cps
Magnesium	24-2	103727	100866	100009	101534	1.92	cps
Manganese	55-2	233	193	200	209	10.26	cps
Molybdenum	94-1	458	408	433	433	5.77	cps
Molybdenum	95-1	467	425	550	481	13.24	cps
Molybdenum	96-1	792	675	717	728	8.12	cps
Molybdenum	97-1	317	342	292	317	7.89	cps
Molybdenum	98-1	942	1033	942	972	5.44	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	197	160	167	174	11.20	cps
Phosphorus	31-2	167	167	175	169	2.84	cps
Potassium	39-2	26216	25073	26650	25980	3.14	cps
Rhodium	103-1	4072005	4412847	4347153	4277335	4.23	cps
Rhodium	103-2	1929238	1943552	1961714	1944835	0.84	cps
Scandium	45-1	2431221	2614781	2646339	2564114	4.53	cps
Scandium	45-2	66838	66396	65743	66326	0.83	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	33	41	37	37	10.81	cps
Selenium	82-1	-63	-128	-44	-79	-55.99	cps
Silicon	28-1	3224210	3281054	3353382	3286215	1.97	cps
Silver	109-1	183	150	242	192	24.21	cps
Silver	107-1	192	217	325	244	28.99	cps
Sodium	23-2	755163	741228	743202	746531	1.01	cps
Strontium	86-1	114857	114745	115996	115199	0.60	cps
Strontium	88-1	983199	977681	999227	986702	1.13	cps
Sulfur	34-1	374999	370966	369563	371843	0.76	cps
Terbium	159-1	4797368	4964754	5125899	4962674	3.31	cps
Terbium	159-2	2169036	2171469	2134051	2158185	0.97	cps
Thallium	203-1	100	50	75	75	33.33	cps
Thallium	205-1	167	108	175	150	24.22	cps
Tin	118-1	942	1033	1225	1067	13.55	cps
Titanium	47-1	925	1142	1050	1039	10.47	cps
Uranium	238-1	1233	1300	1250	1261	2.75	cps
Vanadium	51-2	80	73	137	97	36.00	cps
Yttrium	89-1	4654834	4836673	4853228	4781578	2.30	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	OUTFALL001-200121DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-23 16:33:48	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	453178	452622	445463	450421	0.96	cps
Zinc	66-2	210	163	233	202	17.62	cps
Zirconium	90-1	308	325	350	328	6.40	cps
Zirconium	91-1	108	58	92	86	29.56	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:49:34	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	837	857	850	848	1.20	cps
Antimony	121-1	142	192	225	186	22.54	cps
Arsenic	75-2	43	50	45	46	7.85	cps
Barium	135-1	7060	6835	7002	6966	1.68	cps
Barium	137-1	12139	11906	12331	12125	1.76	cps
Beryllium	9-1	12	20	30	21	43.62	cps
Bismuth	209-1	2729704	2697075	2747836	2724871	0.94	cps
Bismuth	209-2	1438949	1465721	1443440	1449370	0.99	cps
Boron	11-1	2346	2300	2404	2350	2.22	cps
Boron	10-1	468	516	504	496	5.04	cps
Bromine	81-1	5867	5747	6759	6124	9.02	cps
Cadmium	106-1	883	792	917	864	7.49	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Cadmium	111-1	629	564	668	620	8.49	cps
Calcium	43-1	24263	24555	25156	24658	1.85	cps
Calcium	44-1	428575	433934	435782	432764	0.86	cps
Chromium	52-2	1800	1650	1727	1726	4.35	cps
Cobalt	59-2	160	157	130	149	11.04	cps
Copper	63-2	1087	1077	997	1053	4.68	cps
Dysprosium	156-1	58	17	42	39	53.92	cps
Dysprosium	156-2	17	40	13	23	62.27	cps
Erbium	164-1	58	33	67	53	32.88	cps
Erbium	164-2	20	20	27	22	17.33	cps
Gadolinium	160-1	92	50	100	81	33.25	cps
Gadolinium	160-2	27	23	30	27	12.51	cps
Holmium	165-1	4658436	4549183	4603891	4603837	1.19	cps
Holmium	165-2	2186947	2169817	2165918	2174227	0.51	cps
Indium	115-1	4413300	4287818	4357512	4352877	1.44	cps
Indium	115-2	597495	617654	609871	608340	1.67	cps
Iron	54-2	12722	12706	12233	12554	2.21	cps
Iron	56-2	226365	229282	221288	225645	1.79	cps
Iron	57-2	5534	5790	6107	5811	4.94	cps
Krypton	83-1	1253	1300	1290	1281	1.92	cps
Lead	207-1	5690	5457	5879	5675	3.73	cps
Lead	208-1	27034	26050	26922	26669	2.02	cps
Lead	206-1	6869	6908	6863	6880	0.35	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:49:34	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	662613	656695	664563	661290	0.62	cps
Magnesium	24-2	19555	19038	19230	19274	1.36	cps
Manganese	55-2	11908	11672	12129	11903	1.92	cps
Molybdenum	94-1	575	600	600	592	2.44	cps
Molybdenum	95-1	675	742	692	703	4.94	cps
Molybdenum	96-1	917	958	825	900	7.58	cps
Molybdenum	97-1	517	383	442	447	14.95	cps
Molybdenum	98-1	1233	1192	1092	1172	6.21	cps
Neodymium	150-1	40	60	73	58	29.04	cps
Neodymium	150-2	13	20	10	14	35.26	cps
Nickel	60-2	167	187	180	178	5.73	cps
Phosphorus	31-2	200	150	200	183	15.75	cps
Potassium	39-2	28378	27936	26667	27660	3.21	cps
Rhodium	103-1	4242870	4336128	4358845	4312614	1.43	cps
Rhodium	103-2	1940824	1934260	1935018	1936701	0.19	cps
Scandium	45-1	2501172	2562195	2648430	2570599	2.88	cps
Scandium	45-2	69354	69239	68285	68960	0.85	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	37	30	30	32	12.50	cps
Selenium	82-1	-6	-31	-39	-26	-66.96	cps
Silicon	28-1	1116641	1106800	1121672	1115037	0.68	cps
Silver	109-1	58	75	117	83	36.06	cps
Silver	107-1	67	42	67	58	24.74	cps
Sodium	23-2	103071	104985	106823	104960	1.79	cps
Strontium	86-1	18396	18412	18204	18337	0.63	cps
Strontium	88-1	133248	134797	139442	135829	2.37	cps
Sulfur	34-1	343299	343252	345099	343883	0.31	cps
Terbium	159-1	4856489	4821986	4953186	4877221	1.39	cps
Terbium	159-2	2140258	2180363	2143605	2154742	1.03	cps
Thallium	203-1	67	33	100	67	50.00	cps
Thallium	205-1	192	150	158	167	13.23	cps
Tin	118-1	1342	1342	1283	1322	2.55	cps
Titanium	47-1	1458	1508	1342	1436	5.96	cps
Uranium	238-1	258	125	158	181	38.43	cps
Vanadium	51-2	173	217	177	189	12.77	cps
Yttrium	89-1	4747511	4754228	4910808	4804182	1.92	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:49:34	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	456991	464969	465540	462500	1.03	cps
Zinc	66-2	423	433	403	420	3.64	cps
Zirconium	90-1	392	367	325	361	9.33	cps
Zirconium	91-1	58	58	92	69	27.72	cps

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01DUPDL2X25 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5DUPDL Dilution Factor : 25
 Date & Time Acquired :: 2020-01-23 16:52:22 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	817	773	780	790	2.95	cps
Antimony	121-1	217	175	208	200	11.02	cps
Arsenic	75-2	49	45	32	42	21.17	cps
Barium	135-1	6602	6769	7369	6913	5.84	cps
Barium	137-1	12022	12389	12798	12403	3.13	cps
Beryllium	9-1	20	18	32	23	32.43	cps
Bismuth	209-1	2701799	2735190	2556643	2664544	3.56	cps
Bismuth	209-2	1440639	1418312	1437981	1432311	0.85	cps
Boron	11-1	2174	2374	2518	2355	7.34	cps
Boron	10-1	486	480	420	462	7.90	cps
Bromine	81-1	5917	5827	6769	6171	8.42	cps
Cadmium	106-1	950	875	758	861	11.22	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Cadmium	111-1	672	629	539	613	11.07	cps
Calcium	43-1	25306	25272	26024	25534	1.66	cps
Calcium	44-1	440492	453517	448214	447408	1.46	cps
Chromium	52-2	2128	1767	1833	1909	10.06	cps
Cobalt	59-2	143	150	157	150	4.44	cps
Copper	63-2	1093	1020	1030	1048	3.80	cps
Dysprosium	156-1	58	25	58	47	40.76	cps
Dysprosium	156-2	13	20	27	20	33.35	cps
Erbium	164-1	25	75	108	69	60.40	cps
Erbium	164-2	23	27	27	26	7.55	cps
Gadolinium	160-1	83	142	75	100	36.32	cps
Gadolinium	160-2	33	27	13	24	41.66	cps
Holmium	165-1	4517061	4652310	4405366	4524912	2.73	cps
Holmium	165-2	2178333	2160479	2154867	2164560	0.57	cps
Indium	115-1	4273142	4418431	4178888	4290154	2.81	cps
Indium	115-2	610804	602961	604050	605938	0.70	cps
Iron	54-2	12367	12656	12534	12519	1.16	cps
Iron	56-2	229208	226525	229160	228298	0.67	cps
Iron	57-2	5840	5718	5779	5779	1.06	cps
Krypton	83-1	1340	1330	1227	1299	4.83	cps
Lead	207-1	6124	6018	5929	6024	1.62	cps
Lead	208-1	27278	27306	27618	27401	0.69	cps
Lead	206-1	7041	7180	7080	7100	1.01	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUPDL	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:52:22	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	659752	675400	634834	656662	3.12	cps
Magnesium	24-2	20123	20298	18495	19639	5.06	cps
Manganese	55-2	12369	12265	12085	12240	1.17	cps
Molybdenum	94-1	542	533	583	553	4.85	cps
Molybdenum	95-1	558	725	800	694	17.81	cps
Molybdenum	96-1	958	967	858	928	6.50	cps
Molybdenum	97-1	533	442	492	489	9.39	cps
Molybdenum	98-1	1017	1400	1158	1192	16.27	cps
Neodymium	150-1	93	73	87	84	12.07	cps
Neodymium	150-2	20	33	37	30	29.40	cps
Nickel	60-2	213	197	177	196	9.39	cps
Phosphorus	31-2	183	242	242	222	15.15	cps
Potassium	39-2	27902	28871	27343	28039	2.76	cps
Rhodium	103-1	4170571	4281187	4071032	4174263	2.52	cps
Rhodium	103-2	1936293	1926129	1956741	1939721	0.80	cps
Scandium	45-1	2593682	2643068	2446691	2561147	3.99	cps
Scandium	45-2	68375	68088	68165	68209	0.22	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	32	38	34	35	8.81	cps
Selenium	82-1	-28	-98	34	-31	-215.49	cps
Silicon	28-1	1114721	1124897	1141552	1127057	1.20	cps
Silver	109-1	33	108	83	75	50.92	cps
Silver	107-1	117	100	108	108	7.69	cps
Sodium	23-2	103837	108141	107151	106376	2.12	cps
Strontium	86-1	17895	18062	18821	18260	2.70	cps
Strontium	88-1	135883	137985	139855	137908	1.44	cps
Sulfur	34-1	348230	344536	349477	347414	0.74	cps
Terbium	159-1	4841333	4961753	4689798	4830961	2.82	cps
Terbium	159-2	2167090	2122098	2140397	2143195	1.06	cps
Thallium	203-1	67	25	50	47	44.41	cps
Thallium	205-1	167	83	108	119	35.80	cps
Tin	118-1	1333	1200	1150	1228	7.72	cps
Titanium	47-1	1392	1408	1742	1514	13.04	cps
Uranium	238-1	225	83	133	147	48.80	cps
Vanadium	51-2	210	147	177	178	17.82	cps
Yttrium	89-1	4766332	4797487	4618785	4727535	2.02	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5DUPDL	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:52:22	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	462883	463427	464446	463585	0.17	cps
Zinc	66-2	537	487	467	497	7.26	cps
Zirconium	90-1	300	367	242	303	20.66	cps
Zirconium	91-1	50	75	92	72	29.04	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL2	Dilution Factor :	125
Date & Time Acquired ::	2020-01-23 16:55:13	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	420	430	417	3.67	cps
Antimony	121-1	67	100	100	89	21.65	cps
Arsenic	75-2	10	10	14	11	20.38	cps
Barium	135-1	1617	1475	1542	1545	4.59	cps
Barium	137-1	2184	2425	2375	2328	5.48	cps
Beryllium	9-1	14	24	30	23	35.65	cps
Bismuth	209-1	2775970	2754387	2698306	2742888	1.46	cps
Bismuth	209-2	1426775	1439688	1455151	1440538	0.99	cps
Boron	11-1	1650	1686	1718	1684	2.02	cps
Boron	10-1	316	326	290	311	5.98	cps
Bromine	81-1	4105	3945	4235	4095	3.55	cps
Cadmium	106-1	800	875	925	867	7.26	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Cadmium	111-1	551	633	654	613	8.88	cps
Calcium	43-1	5785	5693	5768	5749	0.85	cps
Calcium	44-1	120629	119813	120561	120334	0.38	cps
Chromium	52-2	1583	1720	1557	1620	5.41	cps
Cobalt	59-2	67	30	60	52	37.40	cps
Copper	63-2	370	477	380	409	14.41	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	50	8	58	39	68.89	cps
Erbium	164-2	23	13	23	20	28.87	cps
Gadolinium	160-1	8	92	17	39	118.02	cps
Gadolinium	160-2	23	23	20	22	8.65	cps
Holmium	165-1	4784733	4597875	4632895	4671835	2.13	cps
Holmium	165-2	2188745	2197934	2224716	2203798	0.85	cps
Indium	115-1	4479012	4358029	4446135	4427725	1.41	cps
Indium	115-2	603844	611268	608249	607787	0.61	cps
Iron	54-2	2917	2706	2984	2869	5.06	cps
Iron	56-2	48120	48421	47413	47985	1.08	cps
Iron	57-2	1133	1217	1183	1178	3.56	cps
Krypton	83-1	1387	1247	1360	1331	5.59	cps
Lead	207-1	1189	1211	1300	1233	4.77	cps
Lead	208-1	5890	6140	5867	5965	2.53	cps
Lead	206-1	1389	1550	1556	1498	6.32	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL2	Dilution Factor :	125
Date & Time Acquired ::	2020-01-23 16:55:13	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	679145	666041	664609	669932	1.20	cps
Magnesium	24-2	4384	4042	4167	4198	4.12	cps
Manganese	55-2	2547	2640	2607	2598	1.82	cps
Molybdenum	94-1	192	133	175	167	18.03	cps
Molybdenum	95-1	175	142	192	169	15.02	cps
Molybdenum	96-1	325	250	342	306	15.98	cps
Molybdenum	97-1	117	125	50	97	42.28	cps
Molybdenum	98-1	292	242	217	250	15.28	cps
Neodymium	150-1	27	27	53	36	43.29	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	93	80	83	86	8.11	cps
Phosphorus	31-2	233	258	175	222	19.24	cps
Potassium	39-2	14666	14483	15751	14966	4.58	cps
Rhodium	103-1	4339558	4297503	4211875	4282979	1.52	cps
Rhodium	103-2	1933043	1972740	1961658	1955814	1.05	cps
Scandium	45-1	2648023	2563781	2626405	2612736	1.67	cps
Scandium	45-2	67130	68500	69159	68263	1.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	36	37	38	37	2.70	cps
Selenium	82-1	-79	127	-35	4	2548.12	cps
Silicon	28-1	624558	625541	628308	626136	0.31	cps
Silver	109-1	33	75	42	50	44.10	cps
Silver	107-1	100	92	67	86	20.14	cps
Sodium	23-2	27952	27318	27360	27543	1.29	cps
Strontium	86-1	5268	5126	5159	5184	1.43	cps
Strontium	88-1	27452	27862	27553	27622	0.77	cps
Sulfur	34-1	348645	350190	346583	348473	0.52	cps
Terbium	159-1	5083197	5039140	4842999	4988445	2.56	cps
Terbium	159-2	2143071	2154076	2173787	2156978	0.72	cps
Thallium	203-1	8	50	33	31	68.64	cps
Thallium	205-1	108	133	108	117	12.37	cps
Tin	118-1	458	367	458	428	12.37	cps
Titanium	47-1	1050	1233	917	1067	14.91	cps
Uranium	238-1	50	42	50	47	10.18	cps
Vanadium	51-2	60	67	60	62	6.19	cps
Yttrium	89-1	4825423	4899196	4938136	4887585	1.17	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01LDL2X125	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5LDL2	Dilution Factor :	125
Date & Time Acquired ::	2020-01-23 16:55:13	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	462610	464287	470786	465894	0.93	cps
Zinc	66-2	120	153	120	131	14.68	cps
Zirconium	90-1	292	292	242	275	10.50	cps
Zirconium	91-1	58	25	67	50	44.10	cps

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01MSDL2X25 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5MSDL2 Dilution Factor : 25
 Date & Time Acquired :: 2020-01-23 16:58:01 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7018	6558	6542	6706	4.04	cps
Antimony	121-1	91322	92756	94158	92745	1.53	cps
Arsenic	75-2	2699	2686	2757	2714	1.39	cps
Barium	135-1	89269	91602	92196	91022	1.70	cps
Barium	137-1	157122	154560	158959	156880	1.41	cps
Beryllium	9-1	9807	9925	9691	9808	1.19	cps
Bismuth	209-1	2729155	2765365	2759132	2751217	0.70	cps
Bismuth	209-2	1448580	1472789	1484896	1468755	1.26	cps
Boron	11-1	4210	4602	5054	4622	9.14	cps
Boron	10-1	836	894	960	897	6.92	cps
Bromine	81-1	5337	5597	6238	5724	8.10	cps
Cadmium	106-1	2717	3084	3225	3009	8.72	cps
Cadmium	108-1	1458	1425	1454	1446	1.26	cps
Cadmium	111-1	21522	21030	22252	21601	2.85	cps
Calcium	43-1	42647	44269	44310	43742	2.17	cps
Calcium	44-1	743181	758906	753488	751858	1.06	cps
Chromium	52-2	20819	20959	19921	20566	2.74	cps
Cobalt	59-2	37172	36918	37409	37166	0.66	cps
Copper	63-2	54056	54417	54906	54460	0.78	cps
Dysprosium	156-1	33	42	50	42	20.00	cps
Dysprosium	156-2	20	17	33	23	37.78	cps
Erbium	164-1	92	50	33	58	51.51	cps
Erbium	164-2	50	47	33	43	20.36	cps
Gadolinium	160-1	83	58	100	81	26.04	cps
Gadolinium	160-2	37	23	47	36	32.93	cps
Holmium	165-1	4687786	4635630	4733270	4685562	1.04	cps
Holmium	165-2	2172730	2159176	2170570	2167492	0.34	cps
Indium	115-1	4357885	4441714	4470951	4423517	1.33	cps
Indium	115-2	616894	611179	624082	617385	1.05	cps
Iron	54-2	49882	49240	49737	49620	0.68	cps
Iron	56-2	911832	897189	916019	908347	1.09	cps
Iron	57-2	22668	21684	23431	22594	3.88	cps
Krypton	83-1	1300	1407	1170	1292	9.17	cps
Lead	207-1	47682	49673	49812	49056	2.43	cps
Lead	208-1	216932	224759	225937	222543	2.20	cps
Lead	206-1	53382	56132	56768	55427	3.25	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:58:01	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	660806	667603	678812	669074	1.36	cps
Magnesium	24-2	101461	102426	102855	102247	0.70	cps
Manganese	55-2	28385	28145	28512	28347	0.66	cps
Molybdenum	94-1	153079	155641	152395	153705	1.11	cps
Molybdenum	95-1	191590	190604	189937	190711	0.44	cps
Molybdenum	96-1	208981	211593	212406	210993	0.85	cps
Molybdenum	97-1	117782	115882	119452	117705	1.52	cps
Molybdenum	98-1	304159	304186	306240	304862	0.39	cps
Neodymium	150-1	140	93	60	98	41.10	cps
Neodymium	150-2	37	13	27	26	45.82	cps
Nickel	60-2	10784	10914	10597	10765	1.48	cps
Phosphorus	31-2	150	217	217	194	19.79	cps
Potassium	39-2	62938	64913	64177	64009	1.56	cps
Rhodium	103-1	4223805	4293595	4350072	4289157	1.47	cps
Rhodium	103-2	1931564	1992060	1985388	1969671	1.68	cps
Scandium	45-1	2624173	2638604	2526679	2596485	2.34	cps
Scandium	45-2	69300	69900	68978	69393	0.67	cps
Selenium	77-2	13	47	37	32	53.10	cps
Selenium	78-2	148	142	143	144	2.23	cps
Selenium	82-1	1311	1184	1471	1322	10.89	cps
Silicon	28-1	1223039	1202942	1229377	1218453	1.13	cps
Silver	109-1	90582	90171	90187	90313	0.26	cps
Silver	107-1	95128	93835	96613	95192	1.46	cps
Sodium	23-2	266343	268084	265945	266791	0.43	cps
Strontium	86-1	42574	42331	43544	42816	1.50	cps
Strontium	88-1	351603	356244	349947	352598	0.93	cps
Sulfur	34-1	349247	347242	352918	349802	0.82	cps
Terbium	159-1	4834067	4905963	4974034	4904688	1.43	cps
Terbium	159-2	2165179	2179588	2165221	2169996	0.38	cps
Thallium	203-1	57645	58792	58583	58340	1.05	cps
Thallium	205-1	136370	138518	140372	138420	1.45	cps
Tin	118-1	60677	62778	60325	61260	2.17	cps
Titanium	47-1	50498	50539	49712	50250	0.93	cps
Uranium	238-1	158726	164025	163882	162211	1.86	cps
Vanadium	51-2	15021	15268	14851	15047	1.39	cps
Yttrium	89-1	4947891	4857777	4902169	4902612	0.92	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 16:58:01	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	466451	470460	474951	470621	0.90	cps
Zinc	66-2	7205	6992	7005	7067	1.69	cps
Zirconium	90-1	133141	133444	132799	133128	0.24	cps
Zirconium	91-1	28789	28964	29724	29159	1.71	cps

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01MSDDL2X25 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5MSDDI Dilution Factor : 25
 Date & Time Acquired :: 2020-01-23 17:00:52 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6905	6732	6892	6843	1.41	cps
Antimony	121-1	87966	91364	91220	90183	2.13	cps
Arsenic	75-2	2767	2795	2660	2740	2.60	cps
Barium	135-1	87994	87625	89990	88536	1.44	cps
Barium	137-1	151198	150271	152695	151388	0.81	cps
Beryllium	9-1	9539	9851	9713	9701	1.61	cps
Bismuth	209-1	2756277	2731867	2755598	2747914	0.51	cps
Bismuth	209-2	1468542	1409966	1502300	1460269	3.20	cps
Boron	11-1	4388	5132	5378	4966	10.38	cps
Boron	10-1	830	998	1064	964	12.52	cps
Bromine	81-1	5397	5377	5957	5577	5.91	cps
Cadmium	106-1	2900	3017	3150	3023	4.14	cps
Cadmium	108-1	1413	1463	1367	1414	3.39	cps
Cadmium	111-1	20305	20619	20980	20634	1.64	cps
Calcium	43-1	42581	42046	42914	42514	1.03	cps
Calcium	44-1	738975	726150	745668	736931	1.35	cps
Chromium	52-2	20501	20451	20832	20595	1.00	cps
Cobalt	59-2	36280	36056	36871	36402	1.16	cps
Copper	63-2	52627	51714	52243	52194	0.88	cps
Dysprosium	156-1	50	67	58	58	14.29	cps
Dysprosium	156-2	13	50	27	30	61.87	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	27	40	47	38	26.95	cps
Gadolinium	160-1	58	117	75	83	36.06	cps
Gadolinium	160-2	33	13	47	31	53.94	cps
Holmium	165-1	4776348	4629523	4775655	4727175	1.79	cps
Holmium	165-2	2191345	2110754	2262881	2188327	3.48	cps
Indium	115-1	4475639	4377952	4409908	4421166	1.13	cps
Indium	115-2	615499	594249	629105	612951	2.87	cps
Iron	54-2	48159	48231	49246	48546	1.25	cps
Iron	56-2	892128	880074	876941	883048	0.91	cps
Iron	57-2	22095	22624	22162	22294	1.29	cps
Krypton	83-1	1333	1250	1360	1315	4.37	cps
Lead	207-1	47916	47699	47297	47638	0.66	cps
Lead	208-1	213846	213167	214280	213765	0.26	cps
Lead	206-1	52874	53270	53231	53125	0.41	cps

LB Number : LB107325 Operator : ICPMS
 Lab Sample ID : L1074-01MSDDL2X25 Instrumnet Name : P8
 Client Sample ID : CIY1-GW-02-13.5MSDDI Dilution Factor : 25
 Date & Time Acquired :: 2020-01-23 17:00:52 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	676234	676540	681856	678210	0.47	cps
Magnesium	24-2	104373	105716	102117	104068	1.75	cps
Manganese	55-2	27877	27453	27356	27562	1.01	cps
Molybdenum	94-1	150889	153242	152575	152235	0.80	cps
Molybdenum	95-1	183433	183483	182969	183295	0.15	cps
Molybdenum	96-1	206654	202461	200805	203307	1.48	cps
Molybdenum	97-1	113748	114554	113252	113851	0.58	cps
Molybdenum	98-1	292604	290620	292138	291787	0.36	cps
Neodymium	150-1	73	120	147	113	32.75	cps
Neodymium	150-2	13	30	30	24	39.37	cps
Nickel	60-2	10587	10331	10764	10561	2.06	cps
Phosphorus	31-2	150	292	167	203	38.19	cps
Potassium	39-2	63766	61130	62796	62564	2.13	cps
Rhodium	103-1	4296309	4200968	4340309	4279196	1.66	cps
Rhodium	103-2	1982288	1890526	2024644	1965819	3.49	cps
Scandium	45-1	2689730	2594328	2616354	2633471	1.90	cps
Scandium	45-2	70727	65841	71645	69404	4.50	cps
Selenium	77-2	40	13	23	26	52.73	cps
Selenium	78-2	138	154	156	149	6.61	cps
Selenium	82-1	1238	1411	1276	1308	6.92	cps
Silicon	28-1	1205033	1204290	1208471	1205932	0.18	cps
Silver	109-1	86244	86673	88744	87221	1.53	cps
Silver	107-1	91135	92485	91930	91850	0.74	cps
Sodium	23-2	267820	268331	265990	267380	0.46	cps
Strontium	86-1	41562	40166	41337	41022	1.83	cps
Strontium	88-1	338476	349492	341925	343298	1.64	cps
Sulfur	34-1	353474	353096	351585	352718	0.28	cps
Terbium	159-1	4934883	4989848	5080762	5001831	1.47	cps
Terbium	159-2	2171124	2064035	2247421	2160860	4.26	cps
Thallium	203-1	57444	57126	57813	57461	0.60	cps
Thallium	205-1	133205	133163	132279	132882	0.39	cps
Tin	118-1	59464	57103	57722	58096	2.11	cps
Titanium	47-1	50336	51893	51127	51119	1.52	cps
Uranium	238-1	155174	158903	156685	156921	1.20	cps
Vanadium	51-2	14744	14821	14688	14751	0.45	cps
Yttrium	89-1	4951751	4974333	4801790	4909291	1.91	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5MSDDI	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:00:52	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	475151	444362	476209	465241	3.89	cps
Zinc	66-2	6642	6922	6852	6805	2.14	cps
Zirconium	90-1	128826	132822	130644	130764	1.53	cps
Zirconium	91-1	29073	28680	28747	28833	0.73	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:03:40	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7786	7472	7098	7452	4.62	cps
Antimony	121-1	101644	101861	100719	101408	0.60	cps
Arsenic	75-2	3198	3056	3070	3108	2.52	cps
Barium	135-1	101421	100556	99927	100634	0.75	cps
Barium	137-1	172053	170720	173809	172194	0.90	cps
Beryllium	9-1	10880	11566	11076	11174	3.16	cps
Bismuth	209-1	2979329	3038825	2957807	2991987	1.40	cps
Bismuth	209-2	1624820	1671275	1579358	1625151	2.83	cps
Boron	11-1	5254	5884	6266	5801	8.81	cps
Boron	10-1	1016	1198	1194	1136	9.15	cps
Bromine	81-1	5657	6018	6328	6001	5.60	cps
Cadmium	106-1	3451	3225	3509	3395	4.41	cps
Cadmium	108-1	1650	1671	1542	1621	4.28	cps
Cadmium	111-1	23754	23882	23962	23866	0.44	cps
Calcium	43-1	50096	48566	49268	49310	1.55	cps
Calcium	44-1	817979	844156	834721	832285	1.59	cps
Chromium	52-2	23466	22855	22057	22793	3.10	cps
Cobalt	59-2	41714	40327	40675	40905	1.76	cps
Copper	63-2	59193	61084	57382	59220	3.13	cps
Dysprosium	156-1	83	33	58	58	42.87	cps
Dysprosium	156-2	17	20	30	22	31.22	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	20	40	37	32	33.25	cps
Gadolinium	160-1	92	108	67	89	23.59	cps
Gadolinium	160-2	33	57	60	50	29.06	cps
Holmium	165-1	5168494	5141040	4995035	5101523	1.83	cps
Holmium	165-2	2478989	2433723	2340902	2417872	2.91	cps
Indium	115-1	4845905	4804250	4888314	4846156	0.87	cps
Indium	115-2	690091	694606	671777	685491	1.76	cps
Iron	54-2	55636	54660	54410	54902	1.18	cps
Iron	56-2	1004903	984872	972335	987370	1.66	cps
Iron	57-2	25211	25161	24132	24835	2.45	cps
Krypton	83-1	1467	1273	1263	1335	8.59	cps
Lead	207-1	54944	54364	54553	54620	0.54	cps
Lead	208-1	245780	242722	242701	243734	0.73	cps
Lead	206-1	60390	60882	60748	60673	0.42	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:03:40	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	730187	732185	730116	730829	0.16	cps
Magnesium	24-2	117858	115424	110133	114472	3.45	cps
Manganese	55-2	31011	31294	30429	30911	1.43	cps
Molybdenum	94-1	171180	172335	171812	171776	0.34	cps
Molybdenum	95-1	204935	208591	204696	206074	1.06	cps
Molybdenum	96-1	227214	232616	231855	230562	1.27	cps
Molybdenum	97-1	129787	129636	131074	130166	0.61	cps
Molybdenum	98-1	340252	332405	337557	336738	1.18	cps
Neodymium	150-1	80	107	133	107	25.00	cps
Neodymium	150-2	27	37	53	39	34.63	cps
Nickel	60-2	12670	12019	11665	12118	4.21	cps
Phosphorus	31-2	192	167	283	214	28.72	cps
Potassium	39-2	69701	69719	68748	69389	0.80	cps
Rhodium	103-1	4775230	4746061	4759032	4760108	0.31	cps
Rhodium	103-2	2221363	2217543	2184812	2207906	0.91	cps
Scandium	45-1	2913692	2941136	2839108	2897978	1.82	cps
Scandium	45-2	77103	77563	74929	76532	1.84	cps
Selenium	77-2	60	37	30	42	37.31	cps
Selenium	78-2	177	158	167	167	5.68	cps
Selenium	82-1	1264	1523	1510	1432	10.17	cps
Silicon	28-1	1305694	1322406	1316129	1314743	0.64	cps
Silver	109-1	97838	98595	99811	98748	1.01	cps
Silver	107-1	106133	104646	105797	105525	0.74	cps
Sodium	23-2	301752	308384	291253	300463	2.88	cps
Strontium	86-1	47406	48109	46754	47423	1.43	cps
Strontium	88-1	388717	389943	386514	388391	0.45	cps
Sulfur	34-1	365194	362925	363386	363835	0.33	cps
Terbium	159-1	5470647	5432136	5410391	5437725	0.56	cps
Terbium	159-2	2435883	2384787	2340636	2387102	2.00	cps
Thallium	203-1	64561	64225	64402	64396	0.26	cps
Thallium	205-1	153306	149414	148444	150388	1.71	cps
Tin	118-1	64603	66755	66203	65854	1.70	cps
Titanium	47-1	55082	55098	53802	54660	1.36	cps
Uranium	238-1	178930	176540	176314	177261	0.82	cps
Vanadium	51-2	16216	16473	16196	16295	0.95	cps
Yttrium	89-1	5347125	5478840	5358408	5394791	1.35	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-02-13.5ADL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:03:40	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	524716	527713	512132	521520	1.59	cps
Zinc	66-2	7545	7852	7876	7758	2.38	cps
Zirconium	90-1	147544	147344	147725	147538	0.13	cps
Zirconium	91-1	33984	32698	31303	32661	4.11	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:06:30	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1490	1527	1583	1533	3.07	cps
Antimony	121-1	242	342	258	281	19.10	cps
Arsenic	75-2	105	97	112	105	7.17	cps
Barium	135-1	9937	9754	9504	9732	2.24	cps
Barium	137-1	17195	17387	16961	17181	1.24	cps
Beryllium	9-1	24	30	28	27	11.16	cps
Bismuth	209-1	2783053	2812196	2793319	2796189	0.53	cps
Bismuth	209-2	1499474	1469224	1476406	1481701	1.07	cps
Boron	11-1	2940	3066	2940	2982	2.44	cps
Boron	10-1	514	616	596	575	9.39	cps
Bromine	81-1	5266	6468	6358	6031	11.02	cps
Cadmium	106-1	933	808	875	872	7.17	cps
Cadmium	108-1	13	0	0	4	173.21	cps
Cadmium	111-1	657	612	642	637	3.63	cps
Calcium	43-1	25406	26458	25298	25721	2.49	cps
Calcium	44-1	444572	454392	445427	448131	1.21	cps
Chromium	52-2	1767	1857	1913	1846	4.01	cps
Cobalt	59-2	240	200	167	202	18.16	cps
Copper	63-2	2327	2374	2317	2339	1.29	cps
Dysprosium	156-1	133	92	125	117	18.90	cps
Dysprosium	156-2	30	63	57	50	35.28	cps
Erbium	164-1	175	142	75	131	39.00	cps
Erbium	164-2	33	67	30	43	46.80	cps
Gadolinium	160-1	142	83	117	114	25.69	cps
Gadolinium	160-2	43	53	37	44	18.87	cps
Holmium	165-1	4792828	4744390	4784824	4774014	0.54	cps
Holmium	165-2	2276371	2190681	2275769	2247607	2.19	cps
Indium	115-1	4519592	4387736	4415093	4440807	1.57	cps
Indium	115-2	618827	619765	621245	619945	0.20	cps
Iron	54-2	40898	41031	40998	40976	0.17	cps
Iron	56-2	756480	750649	754126	753751	0.39	cps
Iron	57-2	18840	19714	19219	19258	2.27	cps
Krypton	83-1	1293	1430	1370	1365	5.02	cps
Lead	207-1	13763	14180	13757	13900	1.74	cps
Lead	208-1	65042	65811	65120	65324	0.65	cps
Lead	206-1	17106	16717	17189	17004	1.48	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:06:30	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	685472	698464	697236	693724	1.03	cps
Magnesium	24-2	20039	19947	19663	19883	0.99	cps
Manganese	55-2	13033	13066	13006	13035	0.23	cps
Molybdenum	94-1	508	592	600	567	8.94	cps
Molybdenum	95-1	767	750	842	786	6.21	cps
Molybdenum	96-1	825	817	917	853	6.51	cps
Molybdenum	97-1	525	483	383	464	15.70	cps
Molybdenum	98-1	1258	1267	1175	1233	4.11	cps
Neodymium	150-1	160	133	180	158	14.84	cps
Neodymium	150-2	47	63	63	58	16.65	cps
Nickel	60-2	253	277	227	252	9.92	cps
Phosphorus	31-2	242	208	225	225	7.41	cps
Potassium	39-2	28212	27209	27001	27474	2.36	cps
Rhodium	103-1	4346744	4400524	4315203	4354157	0.99	cps
Rhodium	103-2	1999565	1993560	1987918	1993681	0.29	cps
Scandium	45-1	2605979	2716346	2605600	2642642	2.42	cps
Scandium	45-2	70053	70553	71226	70611	0.83	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	35	27	35	32	14.28	cps
Selenium	82-1	-6	-150	-79	-78	-92.31	cps
Silicon	28-1	1249563	1251868	1255144	1252192	0.22	cps
Silver	109-1	83	100	133	106	24.12	cps
Silver	107-1	100	125	133	119	14.53	cps
Sodium	23-2	107780	104348	105414	105847	1.66	cps
Strontium	86-1	18329	18446	18780	18518	1.26	cps
Strontium	88-1	143466	144848	146842	145052	1.17	cps
Sulfur	34-1	354170	359121	357902	357064	0.72	cps
Terbium	159-1	4949910	5029952	4972387	4984083	0.83	cps
Terbium	159-2	2266628	2209272	2214581	2230160	1.42	cps
Thallium	203-1	83	58	125	89	37.88	cps
Thallium	205-1	142	183	183	169	14.20	cps
Tin	118-1	2417	2600	2567	2528	3.86	cps
Titanium	47-1	2334	2434	1967	2245	10.95	cps
Uranium	238-1	158	200	258	206	24.44	cps
Vanadium	51-2	330	317	363	337	7.14	cps
Yttrium	89-1	4967731	4940156	4872295	4926727	1.00	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	L1074-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	CIY1-GW-102-13.5DL2	Dilution Factor :	25
Date & Time Acquired ::	2020-01-23 17:06:30	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	471492	471602	470214	471102	0.16	cps
Zinc	66-2	920	860	920	900	3.85	cps
Zirconium	90-1	358	392	508	419	18.78	cps
Zirconium	91-1	67	83	117	89	28.64	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:31:11	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	737321	723566	726096	728994	1.00	cps
Antimony	121-1	1953471	1947844	1963197	1954838	0.40	cps
Arsenic	75-2	57198	57138	56376	56904	0.81	cps
Barium	135-1	2003343	2007976	2029886	2013735	0.70	cps
Barium	137-1	3436088	3444990	3481744	3454274	0.70	cps
Beryllium	9-1	209168	209382	210369	209639	0.31	cps
Bismuth	209-1	2712579	2705591	2760263	2726144	1.09	cps
Bismuth	209-2	1490327	1467522	1451430	1469760	1.33	cps
Boron	11-1	71938	80539	86020	79499	8.93	cps
Boron	10-1	13938	15773	17445	15719	11.16	cps
Bromine	81-1	3023	2863	2873	2920	3.07	cps
Cadmium	106-1	44932	45835	43427	44732	2.72	cps
Cadmium	108-1	29949	29615	30776	30113	1.98	cps
Cadmium	111-1	424063	431840	431492	429132	1.02	cps
Calcium	43-1	2168312	2217803	2163543	2183220	1.38	cps
Calcium	44-1	35427195	35643269	36029549	35700004	0.85	cps
Chromium	52-2	427532	420449	415372	421118	1.45	cps
Cobalt	59-2	774617	785220	772759	777532	0.86	cps
Copper	63-2	1224803	1223986	1219446	1222745	0.24	cps
Dysprosium	156-1	125	108	50	94	41.70	cps
Dysprosium	156-2	30	70	47	49	41.10	cps
Erbium	164-1	25	42	83	50	60.09	cps
Erbium	164-2	40	10	23	24	61.49	cps
Gadolinium	160-1	158	175	150	161	7.90	cps
Gadolinium	160-2	60	23	57	47	43.45	cps
Holmium	165-1	4861974	4880095	4810073	4850714	0.75	cps
Holmium	165-2	2357973	2282145	2290698	2310272	1.80	cps
Indium	115-1	4525664	4566946	4503548	4532052	0.71	cps
Indium	115-2	646049	636190	635417	639219	0.93	cps
Iron	54-2	4357567	4340080	4342952	4346866	0.22	cps
Iron	56-2	78645263	79718427	78712702	79025464	0.76	cps
Iron	57-2	2033405	2009780	1999479	2014221	0.86	cps
Krypton	83-1	1280	1247	1203	1243	3.09	cps
Lead	207-1	842611	847898	853055	847854	0.62	cps
Lead	208-1	3972420	4012312	4020018	4001583	0.64	cps
Lead	206-1	966963	974113	982555	974543	0.80	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:31:11	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	652424	643084	646595	647367	0.73	cps
Magnesium	24-2	10150187	9781280	10017423	9982963	1.87	cps
Manganese	55-2	369411	369370	367038	368606	0.37	cps
Molybdenum	94-1	3604089	3616702	3659440	3626744	0.80	cps
Molybdenum	95-1	4410036	4485380	4492261	4462559	1.02	cps
Molybdenum	96-1	4997255	4997271	5054848	5016458	0.66	cps
Molybdenum	97-1	2774420	2712563	2827167	2771383	2.07	cps
Molybdenum	98-1	7075512	7145463	7176553	7132509	0.73	cps
Neodymium	150-1	93	93	93	93	0.00	cps
Neodymium	150-2	7	17	3	9	78.08	cps
Nickel	60-2	217875	219608	216148	217877	0.79	cps
Phosphorus	31-2	9595	9612	9003	9403	3.69	cps
Potassium	39-2	4351528	4242660	4221911	4272033	1.63	cps
Rhodium	103-1	4229762	4225904	4344047	4266571	1.57	cps
Rhodium	103-2	1985077	2032124	1925622	1980941	2.69	cps
Scandium	45-1	2704049	2739733	2749616	2731133	0.88	cps
Scandium	45-2	74439	74348	73564	74117	0.65	cps
Selenium	77-2	787	743	727	752	4.12	cps
Selenium	78-2	2497	2513	2510	2507	0.34	cps
Selenium	82-1	27447	27803	27872	27707	0.82	cps
Silicon	28-1	1274058	1310843	1328395	1304432	2.13	cps
Silver	109-1	2064850	2117167	2142509	2108175	1.88	cps
Silver	107-1	2189117	2220985	2178126	2196076	1.01	cps
Sodium	23-2	19550030	19071235	19051672	19224312	1.47	cps
Strontium	86-1	555018	552817	546486	551440	0.80	cps
Strontium	88-1	4716780	4809225	4771925	4765976	0.98	cps
Sulfur	34-1	473289	474874	466911	471692	0.89	cps
Terbium	159-1	5059201	5007603	5103386	5056730	0.95	cps
Terbium	159-2	2294788	2258664	2239232	2264228	1.25	cps
Thallium	203-1	1208881	1227770	1233979	1223543	1.07	cps
Thallium	205-1	2862074	2913130	2994543	2923249	2.29	cps
Tin	118-1	1351502	1352930	1370393	1358275	0.77	cps
Titanium	47-1	1156288	1156788	1172650	1161908	0.80	cps
Uranium	238-1	3488757	3535992	3579374	3534708	1.28	cps
Vanadium	51-2	331015	330331	331464	330937	0.17	cps
Yttrium	89-1	5003911	5058108	5118349	5060123	1.13	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:31:11	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	500228	498405	496107	498247	0.41	cps
Zinc	66-2	155324	155601	154718	155214	0.29	cps
Zirconium	90-1	2974886	3055218	2993228	3007777	1.40	cps
Zirconium	91-1	661466	671027	669573	667355	0.77	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:33:59	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393	357	350	367	6.36	cps
Antimony	121-1	367	350	333	350	4.76	cps
Arsenic	75-2	8	9	4	7	37.80	cps
Barium	135-1	167	167	150	161	5.97	cps
Barium	137-1	367	300	300	322	11.95	cps
Beryllium	9-1	56	84	68	69	20.26	cps
Bismuth	209-1	2708132	2695407	2685633	2696391	0.42	cps
Bismuth	209-2	1452762	1472308	1471213	1465428	0.75	cps
Boron	11-1	12417	11786	10984	11729	6.12	cps
Boron	10-1	2482	2410	2264	2385	4.66	cps
Bromine	81-1	3003	2833	2913	2917	2.92	cps
Cadmium	106-1	1000	908	992	967	5.24	cps
Cadmium	108-1	25	4	17	15	68.61	cps
Cadmium	111-1	783	750	824	785	4.76	cps
Calcium	43-1	867	708	750	775	10.59	cps
Calcium	44-1	44377	43450	42806	43544	1.81	cps
Chromium	52-2	1680	1593	1500	1591	5.66	cps
Cobalt	59-2	97	57	73	76	26.59	cps
Copper	63-2	330	280	263	291	11.92	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	58	50	56	8.66	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	4665928	4571114	4632075	4623039	1.04	cps
Holmium	165-2	2207319	2223342	2220497	2217053	0.39	cps
Indium	115-1	4420974	4435631	4364269	4406958	0.86	cps
Indium	115-2	612437	615594	623285	617105	0.90	cps
Iron	54-2	839	706	572	706	18.90	cps
Iron	56-2	9943	8642	7863	8816	11.92	cps
Iron	57-2	250	167	239	219	20.71	cps
Krypton	83-1	1357	1337	1293	1329	2.44	cps
Lead	207-1	244	272	228	248	9.05	cps
Lead	208-1	1083	1139	1033	1085	4.87	cps
Lead	206-1	211	261	272	248	13.12	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:33:59	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	634507	628057	628109	630224	0.59	cps
Magnesium	24-2	1000	817	683	833	19.08	cps
Manganese	55-2	123	130	87	113	20.59	cps
Molybdenum	94-1	475	375	475	442	13.07	cps
Molybdenum	95-1	617	467	467	517	16.76	cps
Molybdenum	96-1	575	650	517	581	11.51	cps
Molybdenum	97-1	292	342	333	322	8.31	cps
Molybdenum	98-1	1017	842	608	822	24.92	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	73	63	70	8.25	cps
Phosphorus	31-2	158	208	175	181	14.10	cps
Potassium	39-2	12497	13415	13415	13109	4.04	cps
Rhodium	103-1	4303631	4250926	4239951	4264836	0.80	cps
Rhodium	103-2	2022699	1970909	1957780	1983796	1.73	cps
Scandium	45-1	2623695	2621169	2532224	2592363	2.01	cps
Scandium	45-2	71075	69833	69859	70256	1.01	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	41	33	38	37	10.83	cps
Selenium	82-1	-9	-8	-4	-7	-32.27	cps
Silicon	28-1	472279	469498	460368	467382	1.33	cps
Silver	109-1	225	242	333	267	21.88	cps
Silver	107-1	250	283	342	292	15.91	cps
Sodium	23-2	11597	11471	10662	11243	4.51	cps
Strontium	86-1	1900	2042	2142	2028	5.99	cps
Strontium	88-1	583	483	525	531	9.47	cps
Sulfur	34-1	348198	350270	352924	350464	0.68	cps
Terbium	159-1	4926390	4840583	4943120	4903364	1.12	cps
Terbium	159-2	2116997	2193160	2176616	2162258	1.85	cps
Thallium	203-1	675	650	442	589	21.75	cps
Thallium	205-1	1642	1400	1125	1389	18.61	cps
Tin	118-1	458	475	400	444	8.86	cps
Titanium	47-1	858	1000	1033	964	9.64	cps
Uranium	238-1	350	400	275	342	18.41	cps
Vanadium	51-2	40	47	33	40	16.68	cps
Yttrium	89-1	4971180	4853129	4777549	4867286	2.00	cps

LB Number :	LB107325	Operator :	ICPMS
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-01-23 17:33:59	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	468302	468818	475948	471022	0.91	cps
Zinc	66-2	57	80	83	73	19.81	cps
Zirconium	90-1	717	700	475	631	21.41	cps
Zirconium	91-1	158	125	133	139	12.49	cps