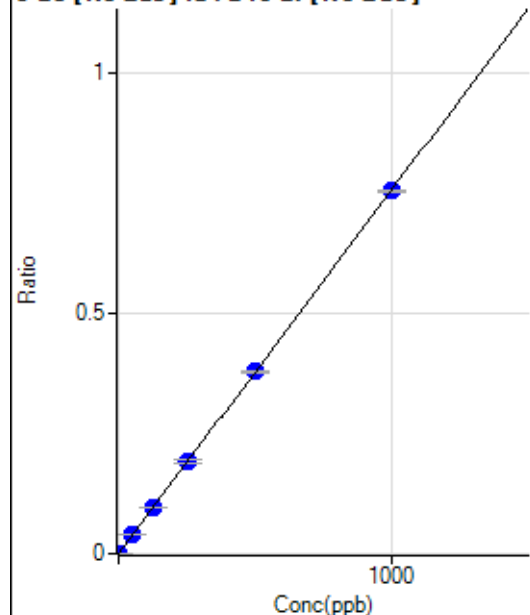


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7103020MS.b\
Analysis File: P7103020MS.batch.bin
DA Date-Time: 2020-10-30 13:49:34
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-10-30 09:53:46
2	004CALS.d	S02	2020-10-30 09:57:16
3	005CALS.d	S03	2020-10-30 10:00:46
4	006CALS.d	S04	2020-10-30 10:04:27
5	007CALS.d	S05	2020-10-30 10:07:55
6	008CALS.d	S06	2020-10-30 10:11:19
7	009CALS.d	S07	2020-10-30 10:14:39
8	010CALS.d	S08	2020-10-30 10:17:55

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	25.8
2	☐	1.000	0.923	1538.99	0.0007	P	8.6
3	☐	50.000	51.561	83137.25	0.0389	P	0.9
4	☐	125.000	126.961	203523.66	0.0958	P	0.2
5	☐	250.000	254.482	397663.89	0.1921	P	3.7
6	☐	500.000	501.056	755284.76	0.3782	P	0.9
7	☐	1000.000	998.029	1444995.46	0.7533	P	0.2
8	☐			214.82	0.0001	P	10.0

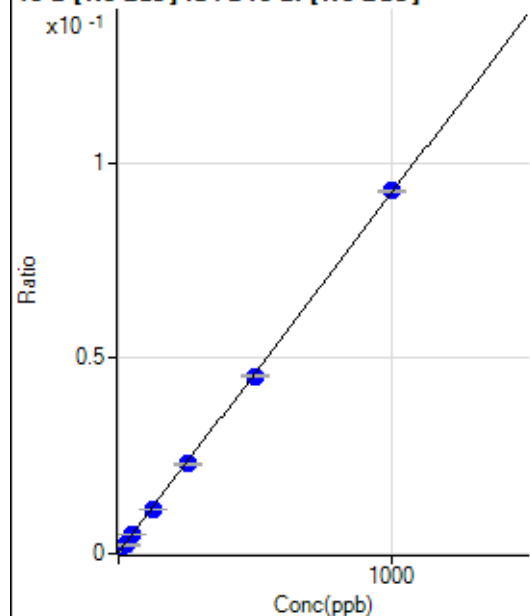
$$y = 7.5480\text{E-}004 * x + 1.9066\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01955$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	647.25	0.0003	P	16.2
2	☐	25.000	21.326	4895.36	0.0023	P	5.9
3	☐	50.000	51.016	10692.90	0.0050	P	5.8
4	☐	125.000	121.539	24395.06	0.0115	P	0.5
5	☐	250.000	246.453	47555.70	0.0230	P	3.2
6	☐	500.000	490.757	90712.70	0.0454	P	1.4
7	☐	1000.000	1005.982	177965.17	0.0928	P	0.6
8	☐			9758.89	0.0051	P	1.9

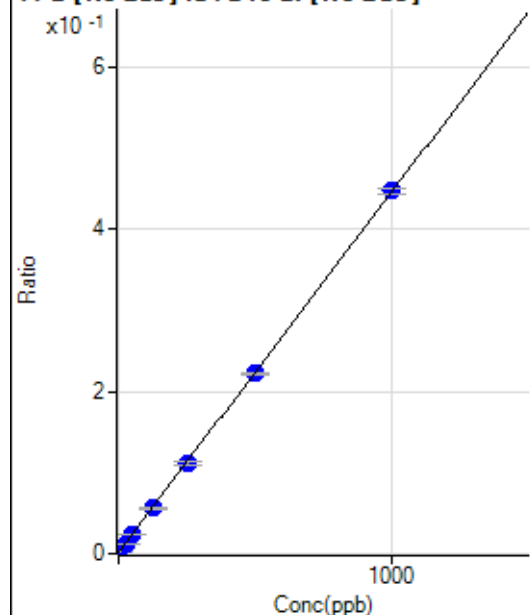
$$y = 9.1912\text{E-}005 * x + 3.1822\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.686$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3178.18	0.0016	P	10.5
2	☐	25.000	21.498	23894.28	0.0111	P	2.8
3	☐	50.000	49.394	50231.18	0.0235	P	1.3
4	☐	125.000	122.195	118687.05	0.0559	P	1.4
5	☐	250.000	246.911	230498.47	0.1114	P	4.1
6	☐	500.000	495.674	443292.69	0.2220	P	0.7
7	☐	1000.000	1003.404	858880.04	0.4478	P	1.6
8	☐			47842.73	0.0251	P	5.0

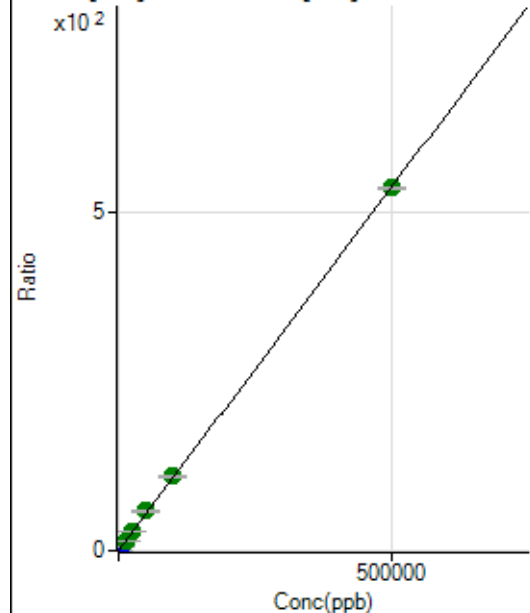
$$y = 4.4469\text{E-}004 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 1.104$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21229.34	0.0510	P	1.8
2	☐	500.000	520.705	254908.43	0.6088	P	0.6
3	☐	5000.000	5742.670	2581359.30	6.2029	P	0.9
4	☐	12500.000	12806.112	5582131.55	13.7696	A	0.6
5	☐	25000.000	25899.375	10842092.95	27.7959	A	1.0
6	☐	50000.000	54392.092	20896937.10	58.3190	A	7.7
7	☐	100000.00	101946.08	40941959.60	109.2616	A	1.3
8	☐	500000.00	499111.50	202846200.3	534.7282	A	0.7

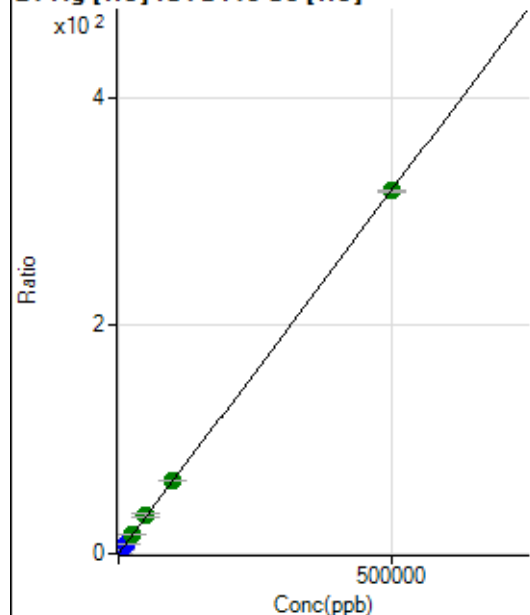
$$y = 0.0011 * x + 0.0510$$

$$R = 1.0000$$

$$DL = 2.615$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.78	0.0005	P	6.2
2	☐	500.000	502.201	134189.60	0.3205	P	3.1
3	☐	5000.000	5624.503	1491520.16	3.5841	P	1.4
4	☐	12500.000	13656.132	3527507.81	8.7013	P	1.2
5	☐	25000.000	25604.283	6363395.89	16.3139	A	1.0
6	☐	50000.000	53523.737	12219585.52	34.1024	A	7.7
7	☐	100000.00	100839.45	24075030.40	64.2489	A	0.9
8	☐	500000.00	499414.37	120706758.2	318.1951	A	0.6

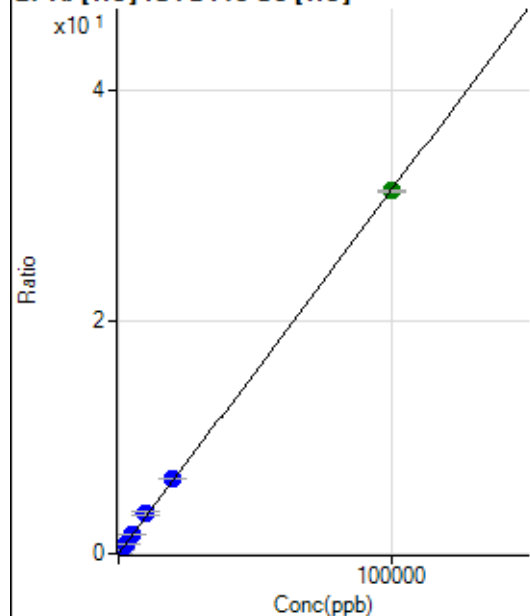
$$y = 6.3714E-004 * x + 4.8707E-004$$

$$R = 1.0000$$

$$DL = 0.1416$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0002	P	12.5
2	☐	20.000	20.256	2736.44	0.0065	P	4.6
3	☐	1000.000	1068.862	139491.55	0.3352	P	1.8
4	☐	2500.000	2602.146	330706.13	0.8157	P	1.9
5	☐	5000.000	5161.707	631096.90	1.6179	P	1.0
6	☐	10000.000	10994.106	1234082.19	3.4459	P	8.8
7	☐	20000.000	20481.468	2405464.88	6.4194	P	0.8
8	☐	100000.00	99792.968	11864734.12	31.2769	A	0.2

$$y = 3.1342E-004 * x + 1.8685E-004$$

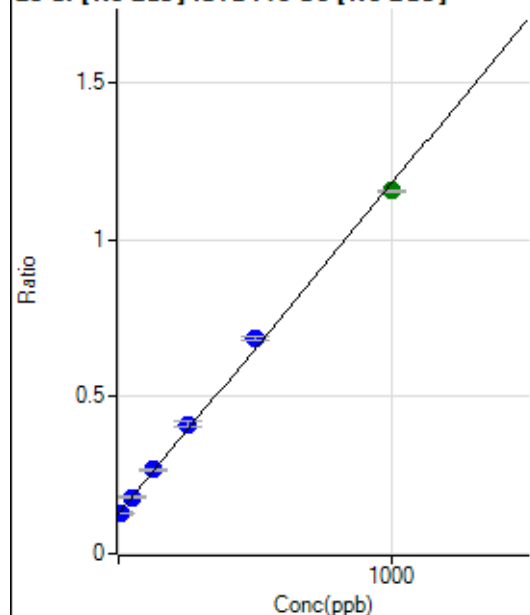
$$R = 0.9999$$

$$DL = 0.2229$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	715885.05	0.1283	P	6.8
2	☐	10.000	-1.983	767290.33	0.1262	P	0.4
3	☐	50.000	49.583	1086591.57	0.1804	P	1.6
4	☐	125.000	132.364	1582173.55	0.2676	P	1.5
5	☐	250.000	270.926	2398851.16	0.4134	P	5.1
6	☐	500.000	532.710	3835699.56	0.6889	P	1.9
7	☐	1000.000	977.634	6304536.99	1.1572	A	0.5
8	☐			1761948.54	0.3180	P	0.8

$$y = 0.0011 * x + 0.1283$$

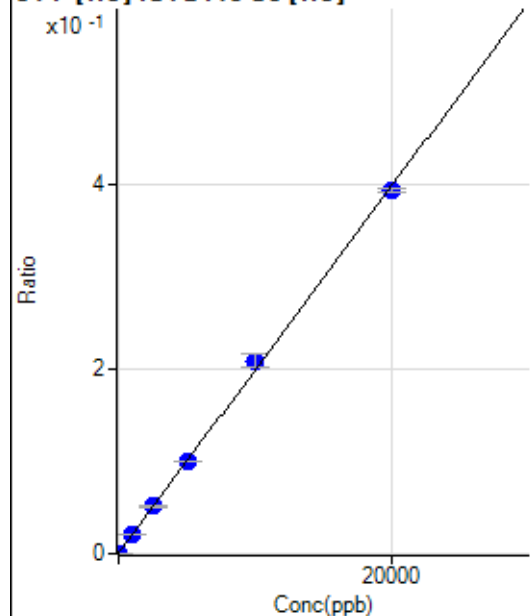
$$R = 0.9987$$

$$DL = 24.99$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-2.292	147.23	0.0004	P	27.9
2	☐	0.000	2.292	186.12	0.0004	P	15.8
3	☐	1000.000	1039.813	8750.00	0.0210	P	3.7
4	☐	2500.000	2549.523	20664.61	0.0510	P	0.8
5	☐	5000.000	4998.552	38834.29	0.0996	P	1.1
6	☐	10000.000	10493.204	74748.05	0.2086	P	7.2
7	☐	20000.000	19745.579	146921.82	0.3921	P	0.9
8	☐			244.45	0.0006	P	7.9

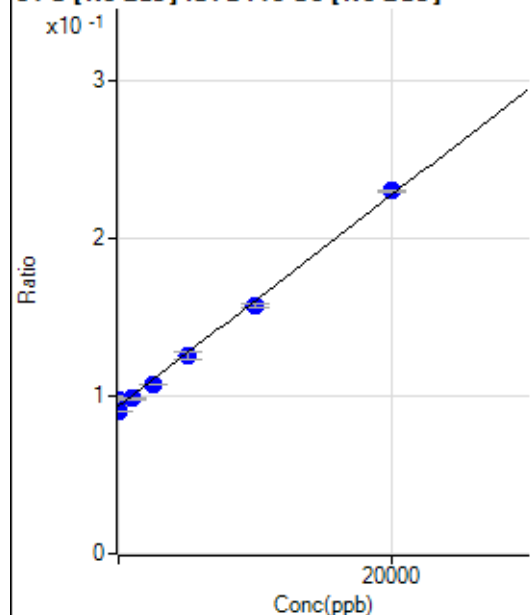
$$y = 1.9837E-005 * x + 3.9909E-004$$

$$R = 0.9995$$

$$DL = 12.76$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	541.255	542193.03	0.0971	P	6.2
2	☐	0.000	-541.255	546503.30	0.0899	P	0.4
3	☐	1000.000	698.526	591135.44	0.0982	P	1.0
4	☐	2500.000	2009.108	632325.46	0.1069	P	0.4
5	☐	5000.000	4745.275	727004.75	0.1252	P	3.7
6	☐	10000.000	9531.524	875747.73	0.1573	P	1.1
7	☐	20000.000	20374.354	1252241.71	0.2298	P	0.5
8	☐			465421.63	0.0840	P	1.2

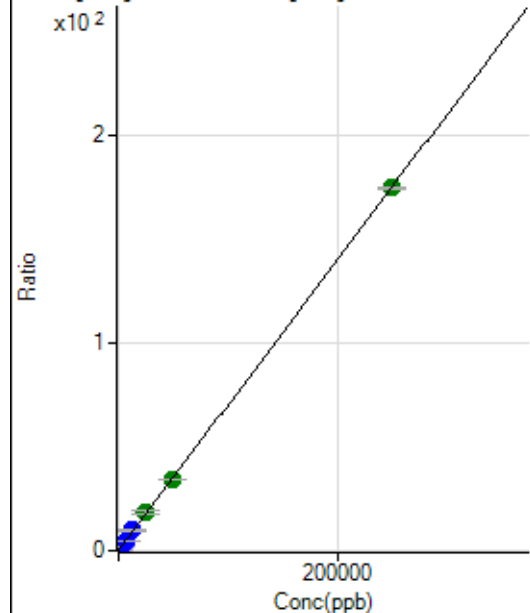
$$y = 6.6929\text{E-}006 * x + 0.0935$$

$$R = 0.9985$$

$$DL = 1435$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71921.30	0.1728	P	0.5
2	☐	500.000	498.389	217988.27	0.5206	P	0.7
3	☐	2500.000	2801.786	885726.90	2.1283	P	0.8
4	☐	6250.000	6853.740	2009376.43	4.9565	P	0.6
5	☐	12500.000	13680.962	3792142.14	9.7218	P	0.6
6	☐	25000.000	26189.146	6611380.83	18.4523	A	7.8
7	☐	50000.000	49293.186	12957219.04	34.5784	A	0.4
8	☐	250000.00	249945.29	66245069.54	174.6297	A	0.4

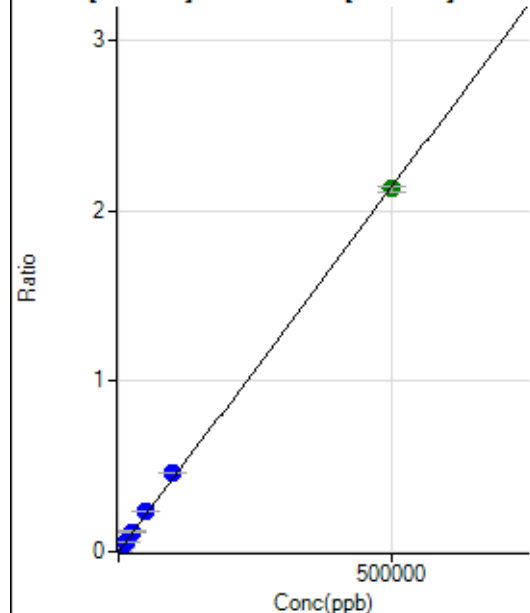
$$y = 6.9798\text{E-}004 * x + 0.1728$$

$$R = 1.0000$$

$$DL = 3.869$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.01	0.0000	P	28.3
2	☐	500.000	490.279	13045.00	0.0021	P	4.1
3	☐	5000.000	5569.428	143716.46	0.0239	P	0.5
4	☐	12500.000	13478.743	341109.89	0.0577	P	0.8
5	☐	25000.000	27365.313	679487.28	0.1171	P	4.1
6	☐	50000.000	54547.025	1298907.78	0.2333	P	1.7
7	☐	100000.00	108167.22	2520164.75	0.4626	P	0.4
8	☐	500000.00	497763.43	11793467.36	2.1285	A	1.3

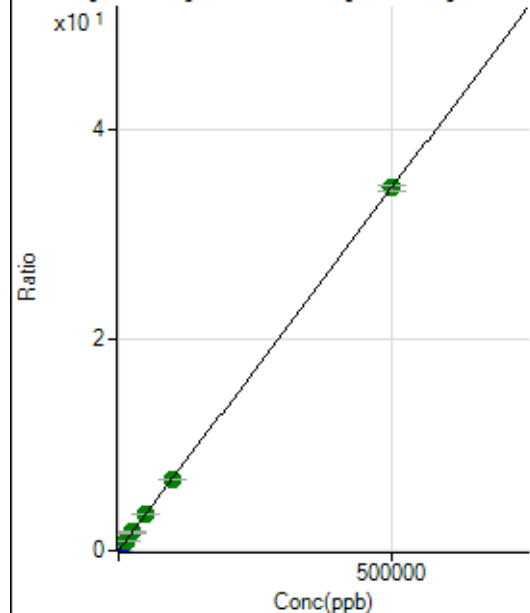
$$y = 4.2760\text{E-}006 * x + 4.8546\text{E-}005$$

$$R = 0.9998$$

$$DL = 9.626$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16186.96	0.0029	P	4.9
2	☐	500.000	491.900	223288.67	0.0367	P	0.7
3	☐	5000.000	5490.600	2290747.69	0.3804	P	0.7
4	☐	12500.000	12252.879	4998486.48	0.8453	A	0.8
5	☐	25000.000	25199.497	10074140.16	1.7353	A	3.6
6	☐	50000.000	49556.288	18987617.27	3.4099	A	0.4
7	☐	100000.00	98867.746	37046609.16	6.8000	A	0.9
8	☐	500000.00	500262.12	190576154.2	34.3955	A	1.7

$$y = 6.8749\text{E-}005 * x + 0.0029$$

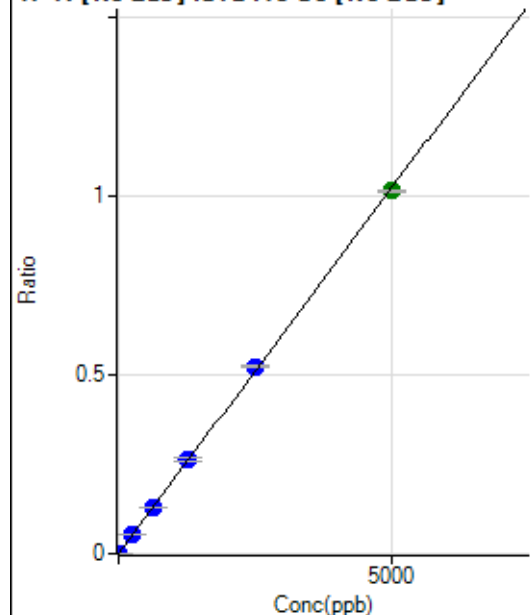
$$R = 1.0000$$

$$DL = 6.186$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	35.6
2	☐	5.000	4.594	5820.70	0.0010	P	2.7
3	☐	250.000	258.034	317535.45	0.0527	P	2.1
4	☐	625.000	630.585	761871.68	0.1288	P	0.7
5	☐	1250.000	1279.184	1517026.39	0.2613	P	3.6
6	☐	2500.000	2558.375	2910216.06	0.5227	P	0.9
7	☐	5000.000	4962.417	5523114.45	1.0138	A	0.8
8	☐			727.81	0.0001	P	7.5

$$y = 2.0428\text{E-}004 * x + 1.8661\text{E-}005$$

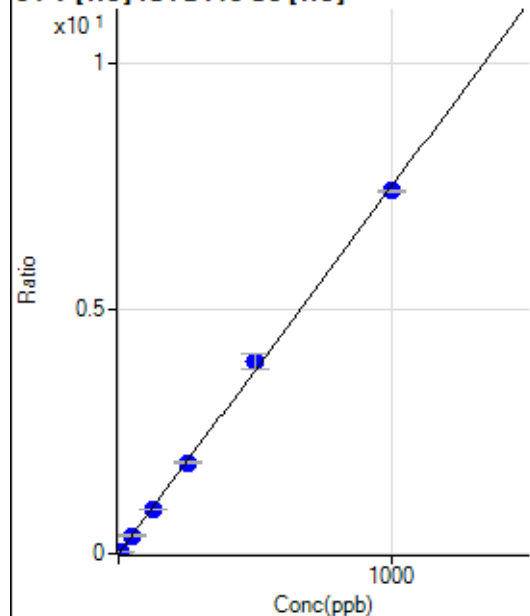
$$R = 0.9999$$

$$DL = 0.09747$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	49.5
2	☐	5.000	4.461	13998.95	0.0334	P	1.3
3	☐	50.000	49.760	155106.82	0.3727	P	1.6
4	☐	125.000	122.084	370703.18	0.9144	P	1.5
5	☐	250.000	247.806	723967.96	1.8560	P	1.0
6	☐	500.000	524.879	1408387.91	3.9313	P	8.1
7	☐	1000.000	988.488	2774263.78	7.4036	P	0.4
8	☐			674.46	0.0018	P	2.1

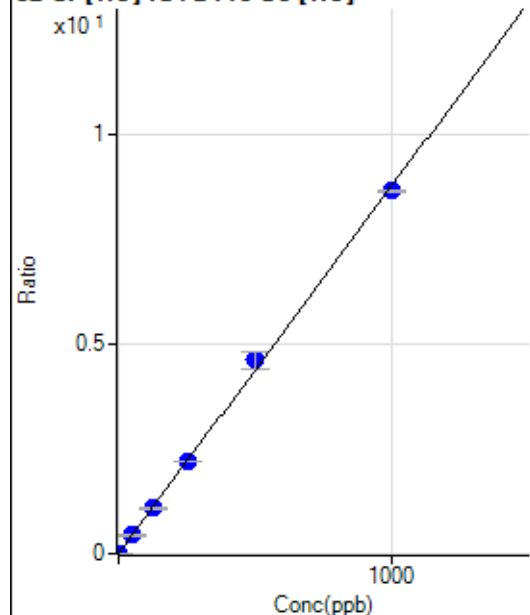
$$y = 0.0075 * x + 1.8675\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.003701$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1205.62	0.0029	P	9.6
2	☐	2.000	1.827	7904.40	0.0189	P	0.5
3	☐	50.000	49.980	183191.97	0.4402	P	2.4
4	☐	125.000	123.132	437935.12	1.0802	P	1.9
5	☐	250.000	249.417	852363.42	2.1852	P	0.7
6	☐	500.000	525.993	1649436.88	4.6051	P	8.5
7	☐	1000.000	987.384	3238353.70	8.6420	P	0.4
8	☐			12604.36	0.0332	P	1.3

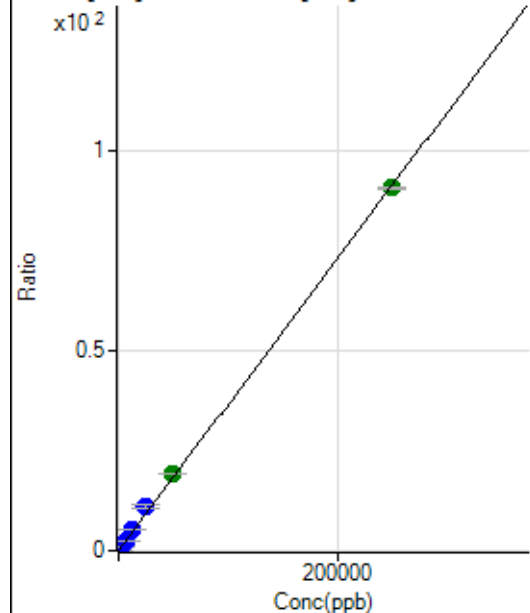
$$y = 0.0087 * x + 0.0029$$

$$R = 0.9995$$

$$DL = 0.09512$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1535.01	0.0037	P	6.3
2	☐	50.000	52.535	9569.64	0.0229	P	1.2
3	☐	2500.000	2836.226	432220.10	1.0386	P	2.1
4	☐	6250.000	6994.063	1036103.28	2.5558	P	1.3
5	☐	12500.000	14098.256	2008048.73	5.1480	P	0.9
6	☐	25000.000	29968.726	3918086.18	10.9390	P	8.5
7	☐	50000.000	52553.255	7187076.04	19.1798	A	0.9
8	☐	250000.00	248890.59	34452748.62	90.8214	A	0.6

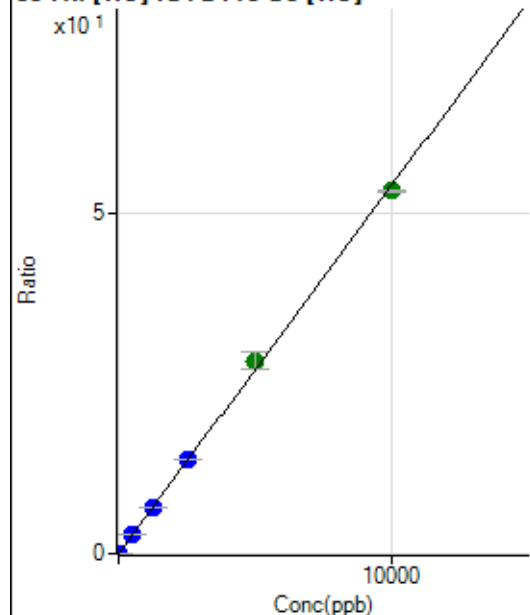
$$y = 3.6489E-004 * x + 0.0037$$

$$R = 0.9998$$

$$DL = 1.895$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	107.78	0.0003	P	21.0
2	☐	1.000	0.936	2232.41	0.0053	P	2.2
3	☐	500.000	518.482	1169019.58	2.8091	P	1.7
4	☐	1250.000	1269.391	2787965.72	6.8770	P	1.6
5	☐	2500.000	2571.909	5434811.38	13.9332	P	1.0
6	☐	5000.000	5244.901	10176488.60	28.4138	A	8.7
7	☐	10000.000	9856.224	20008221.65	53.3951	A	0.2
8	☐			17893.19	0.0472	P	3.3

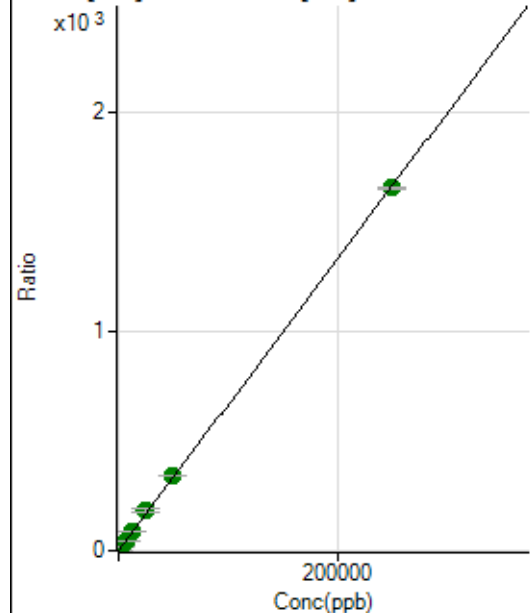
$$y = 0.0054 * x + 2.5886E-004$$

$$R = 0.9995$$

$$DL = 0.03005$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8676.77	0.0208	P	2.9
2	☐	50.000	50.962	150092.46	0.3584	P	3.0
3	☐	2500.000	2601.914	7181851.78	17.2574	A	2.1
4	☐	6250.000	6373.761	17126023.53	42.2442	A	2.0
5	☐	12500.000	13014.867	33638263.71	86.2385	A	1.0
6	☐	25000.000	27811.463	66007043.14	184.2594	A	8.2
7	☐	50000.000	51953.377	128975020.4	344.1888	A	0.2
8	☐	250000.00	249298.32	626494317.7	1,651.511	A	0.2

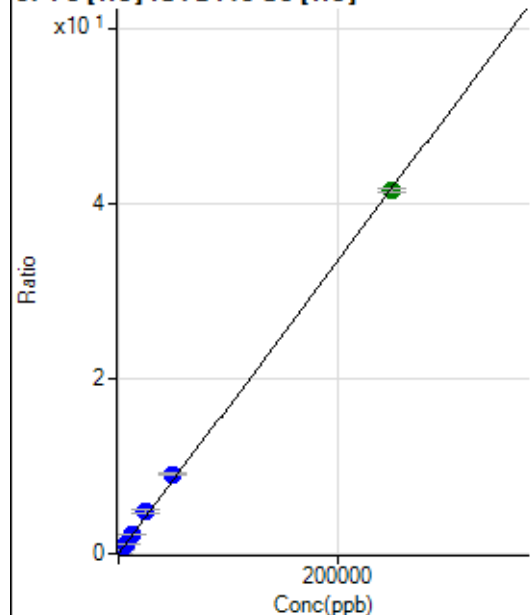
$$y = 0.0066 * x + 0.0208$$

$$R = 0.9999$$

$$DL = 0.2741$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	485.20	0.0012	P	3.9
2	☐	50.000	52.101	4132.13	0.0099	P	7.6
3	☐	2500.000	2765.536	192704.78	0.4631	P	1.8
4	☐	6250.000	6825.965	462656.39	1.1412	P	1.7
5	☐	12500.000	13758.563	896795.70	2.2991	P	0.5
6	☐	25000.000	29229.437	1748884.57	4.8830	P	8.6
7	☐	50000.000	54628.672	3419368.65	9.1251	P	0.2
8	☐	250000.00	248571.33	15749329.87	41.5168	A	1.1

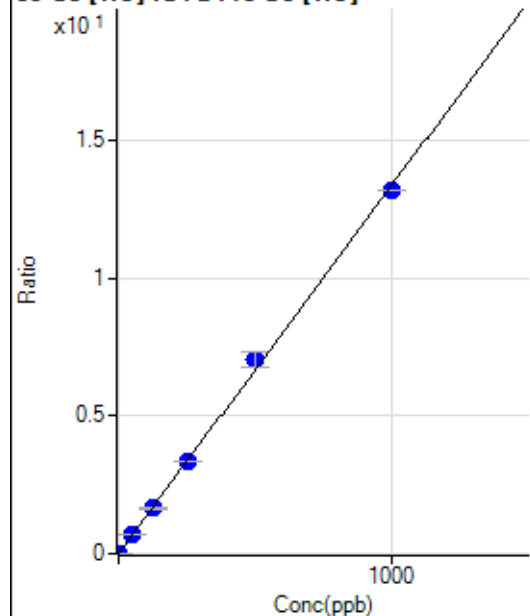
$$y = 1.6702E-004 * x + 0.0012$$

$$R = 0.9997$$

$$DL = 0.8268$$

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0001	P	18.4
2	☐	1.000	0.911	5130.95	0.0123	P	2.6
3	☐	50.000	50.675	282107.96	0.6779	P	1.8
4	☐	125.000	123.561	670049.55	1.6528	P	1.7
5	☐	250.000	249.296	1300708.69	3.3346	P	0.7
6	☐	500.000	528.456	2532505.38	7.0686	P	8.0
7	☐	1000.000	986.094	4942514.33	13.1899	P	0.1
8	☐			9308.58	0.0245	P	0.5

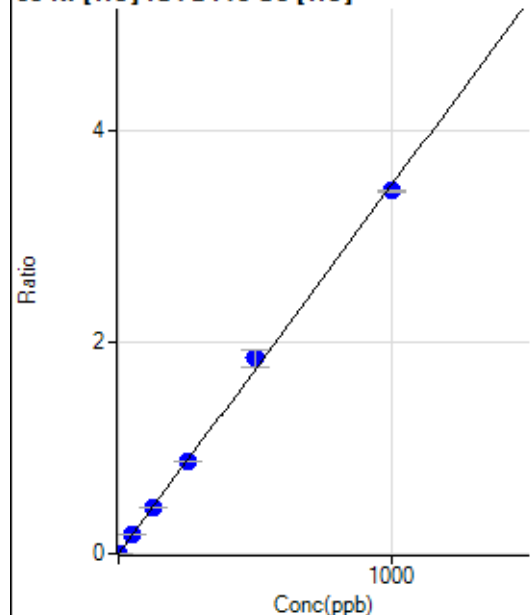
$$y = 0.0134 * x + 6.6727E-005$$

$$R = 0.9994$$

$$DL = 0.002757$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.00	0.0004	P	11.8
2	☐	1.000	0.904	1470.09	0.0035	P	8.9
3	☐	50.000	51.084	74228.58	0.1784	P	2.3
4	☐	125.000	123.772	174989.61	0.4316	P	1.3
5	☐	250.000	251.572	342072.50	0.8770	P	0.7
6	☐	500.000	530.000	661684.86	1.8472	P	8.3
7	☐	1000.000	984.706	1285886.40	3.4316	P	0.2
8	☐			3871.67	0.0102	P	3.2

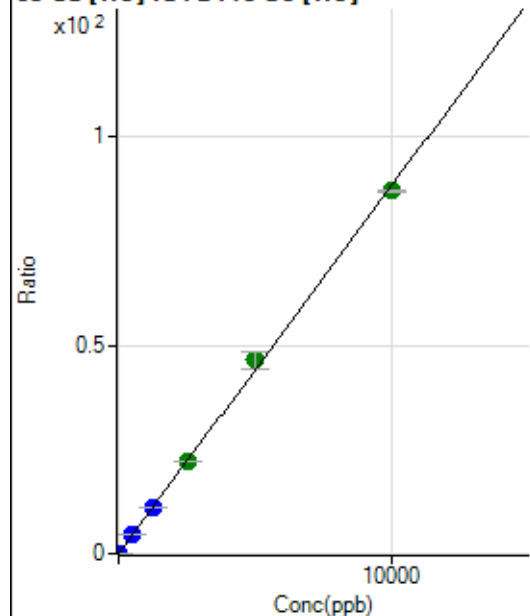
$$y = 0.0035 * x + 3.6032E-004$$

$$R = 0.9993$$

$$DL = 0.03658$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	826.70	0.0020	P	4.5
2	☐	2.000	2.210	8990.60	0.0215	P	0.9
3	☐	500.000	518.240	1902222.87	4.5709	P	1.3
4	☐	1250.000	1256.326	4491090.11	11.0781	P	1.4
5	☐	2500.000	2500.552	8600061.26	22.0476	A	0.4
6	☐	5000.000	5270.086	16641801.56	46.4647	A	8.6
7	☐	10000.000	9863.116	32585477.29	86.9582	A	0.6
8	☐			15159.05	0.0400	P	3.7

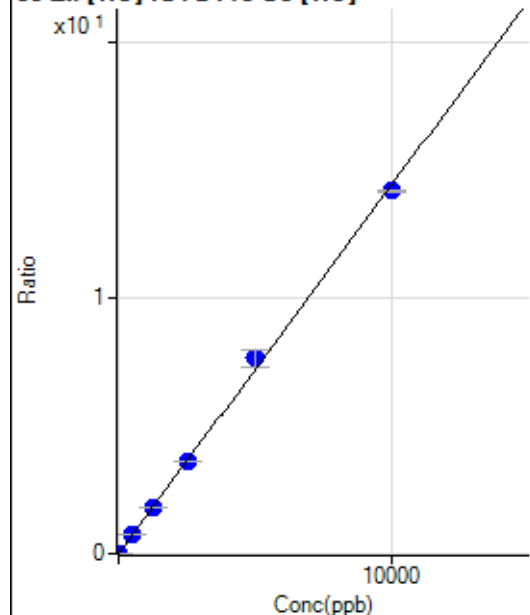
$$y = 0.0088 * x + 0.0020$$

$$R = 0.9995$$

$$DL = 0.03024$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	678.91	0.0016	P	3.6
2	☐	2.000	2.097	1947.93	0.0047	P	1.4
3	☐	500.000	507.721	305100.91	0.7331	P	0.8
4	☐	1250.000	1244.444	727540.50	1.7946	P	1.9
5	☐	2500.000	2515.698	1414439.35	3.6262	P	0.8
6	☐	5000.000	5305.507	2738388.57	7.6456	P	8.6
7	☐	10000.000	9843.631	5315038.43	14.1840	P	0.2
8	☐			14796.43	0.0390	P	2.1

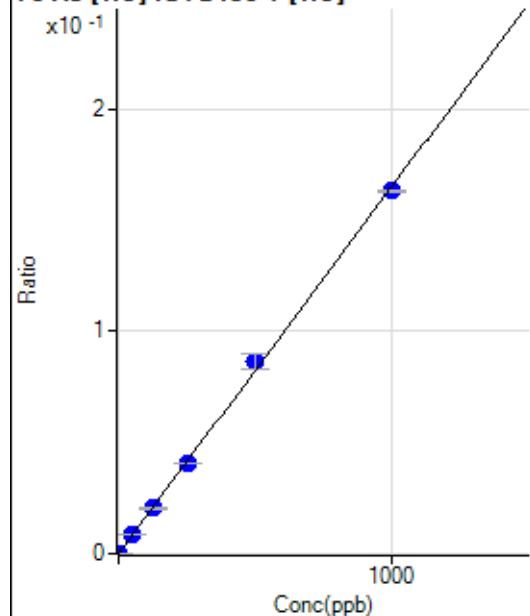
$$y = 0.0014 * x + 0.0016$$

$$R = 0.9993$$

$$DL = 0.1209$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.26	0.0000	P	40.2
2	☐	1.000	0.912	382.72	0.0002	P	1.7
3	☐	50.000	50.809	20699.91	0.0084	P	1.7
4	☐	125.000	123.979	49657.65	0.0205	P	2.7
5	☐	250.000	246.329	96913.96	0.0406	P	1.3
6	☐	500.000	522.431	189830.27	0.0862	P	7.9
7	☐	1000.000	989.789	375105.66	0.1633	P	0.5
8	☐			146.91	0.0001	P	8.1

$$y = 1.6493E-004 * x + 3.7596E-006$$

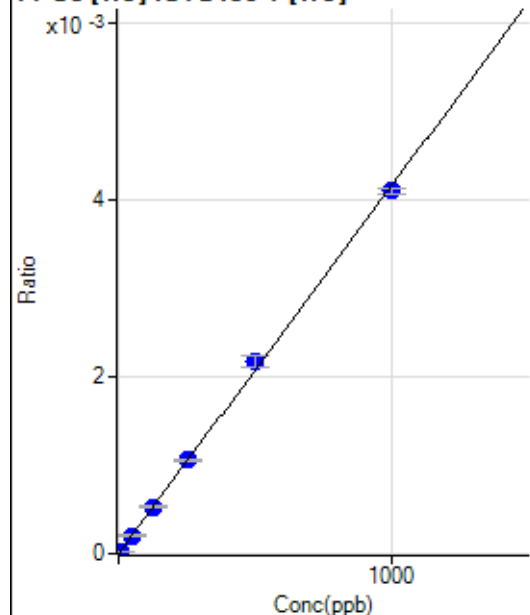
$$R = 0.9996$$

$$DL = 0.02746$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.065	52.22	0.0000	P	34.9
3	☐	50.000	48.919	501.13	0.0002	P	13.8
4	☐	125.000	127.699	1286.74	0.0005	P	4.0
5	☐	250.000	254.587	2520.25	0.0011	P	3.1
6	☐	500.000	524.083	4797.50	0.0022	P	6.0
7	☐	1000.000	986.528	9407.57	0.0041	P	1.3
8	☐			2.22	0.0000	P	86.6

$$y = 4.1500\text{E-}006 * x + 0.0000\text{E+}000$$

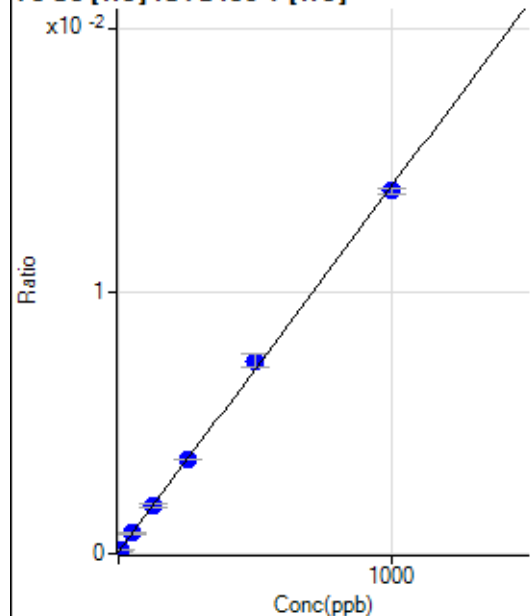
$$R = 0.9995$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0001	P	8.0
2	☐	5.000	4.154	328.40	0.0001	P	5.1
3	☐	50.000	50.471	1919.89	0.0008	P	5.9
4	☐	125.000	126.681	4466.15	0.0018	P	5.6
5	☐	250.000	251.656	8540.82	0.0036	P	1.3
6	☐	500.000	523.339	16230.08	0.0074	P	7.6
7	☐	1000.000	987.687	31791.44	0.0138	P	1.4
8	☐			149.38	0.0001	P	14.8

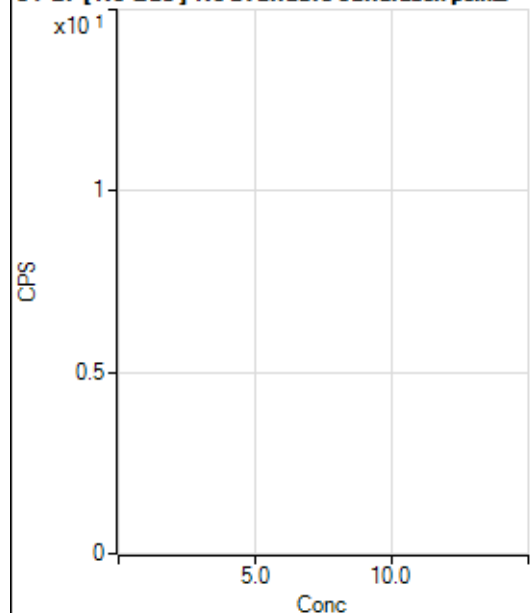
$$y = 1.3933\text{E-}005 * x + 7.4399\text{E-}005$$

$$R = 0.9996$$

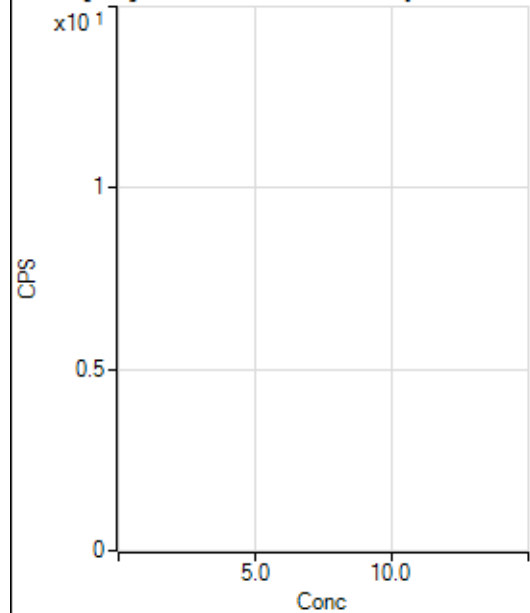
$$DL = 1.289$$

Weight: <None>

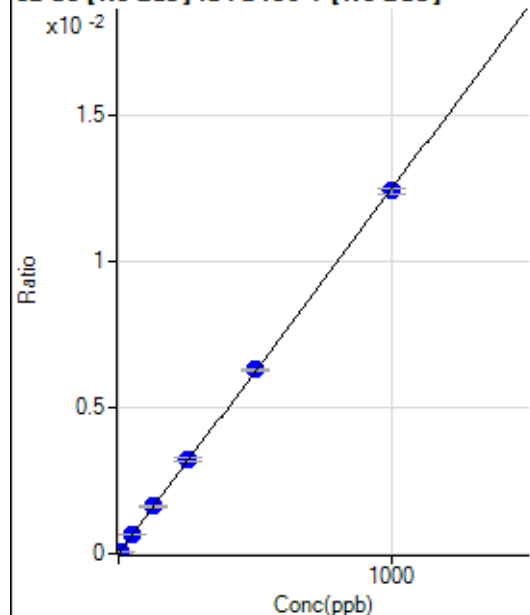
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22996.71		P	1.8
2	☐			21983.87		P	1.9
3	☐			22059.03		P	2.6
4	☐			22264.91		P	1.6
5	☐			20467.75		P	1.7
6	☐			19708.34		P	3.2
7	☐			19733.41		P	4.1
8	☐			19569.32		P	0.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.40		P	24.1
2	☐			83.42		P	13.9
3	☐			96.76		P	11.9
4	☐			66.73		P	8.7
5	☐			103.44		P	24.4
6	☐			40.04		P	66.1
7	☐			63.40		P	45.6
8	☐			123.46		P	24.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-13.18	0.0000	P	-399.
2	☐	5.000	5.455	820.76	0.0001	P	9.6
3	☐	50.000	52.433	7993.29	0.0007	P	3.1
4	☐	125.000	129.529	19519.33	0.0016	P	0.9
5	☐	250.000	256.935	38312.09	0.0032	P	4.3
6	☐	500.000	504.848	73369.82	0.0063	P	0.8
7	☐	1000.000	995.152	143552.76	0.0124	P	1.6
8	☐			56.37	0.0000	P	144.1

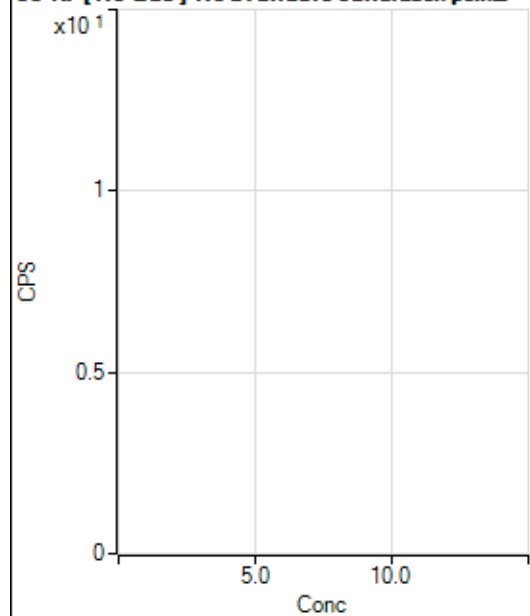
$$y = 1.2462\text{E-}005 * x - 1.3619\text{E-}006$$

$$R = 1.0000$$

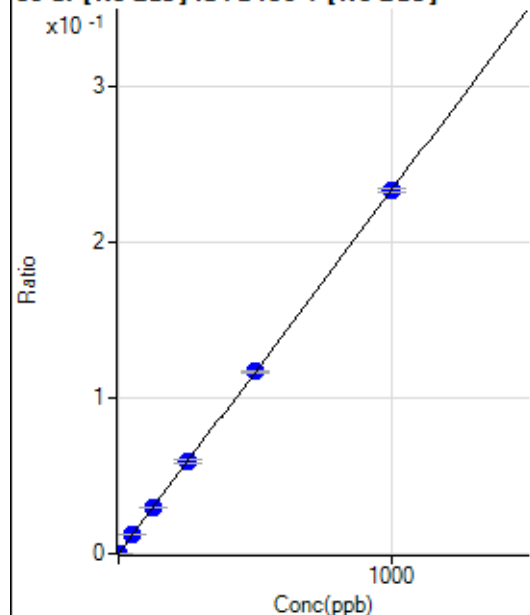
$$DL = 1.311$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			877.82		P	3.4
2	☐			834.48		P	1.0
3	☐			826.70		P	12.0
4	☐			842.26		P	7.3
5	☐			846.70		P	3.6
6	☐			797.81		P	1.3
7	☐			793.36		P	15.1
8	☐			833.37		P	8.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1436.22	0.0001	P	7.7
2	☐	1.000	0.918	4170.16	0.0003	P	3.1
3	☐	50.000	50.601	146111.59	0.0119	P	0.3
4	☐	125.000	126.175	357392.69	0.0295	P	0.7
5	☐	250.000	254.648	711925.26	0.0595	P	3.7
6	☐	500.000	500.627	1362287.16	0.1168	P	0.8
7	☐	1000.000	998.347	2694803.34	0.2328	P	1.2
8	☐			15734.01	0.0014	P	3.8

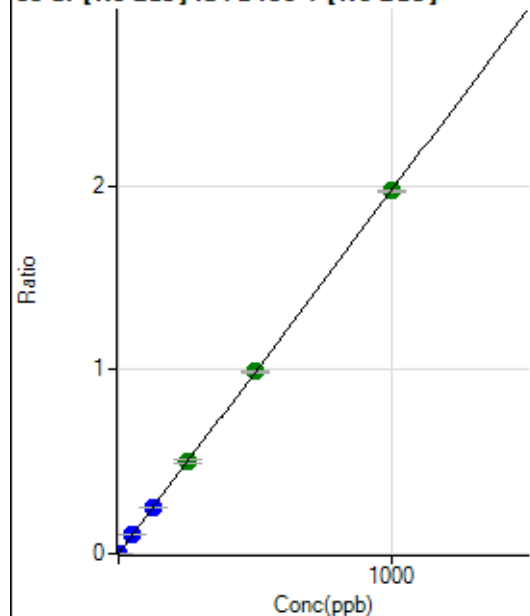
$$y = 2.3304\text{E-}004 * x + 1.2465\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1232$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.45	0.0000	P	29.6
2	☐	1.000	0.939	23060.69	0.0019	P	1.9
3	☐	50.000	52.414	1270914.28	0.1037	P	0.4
4	☐	125.000	128.594	3077722.94	0.2543	P	0.0
5	☐	250.000	252.459	5976256.99	0.4992	A	3.9
6	☐	500.000	500.318	11539631.60	0.9893	A	1.1
7	☐	1000.000	998.657	22861320.48	1.9747	A	0.8
8	☐			130350.88	0.0115	P	2.3

$$y = 0.0020 * x + 1.4799\text{E-}005$$

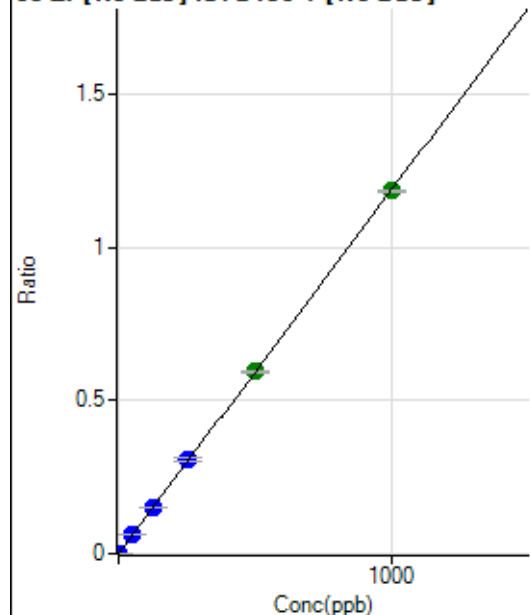
$$R = 1.0000$$

$$DL = 0.006645$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	622.25	0.0001	P	7.2
2	☐	1.000	0.961	14716.22	0.0012	P	5.4
3	☐	50.000	52.248	761507.88	0.0621	P	1.2
4	☐	125.000	128.246	1844219.05	0.1524	P	1.0
5	☐	250.000	258.464	3676131.55	0.3071	P	3.5
6	☐	500.000	499.762	6924074.72	0.5937	A	2.0
7	☐	1000.000	997.485	13717013.85	1.1849	A	0.7
8	☐			4578.64	0.0004	P	7.4

$$y = 0.0012 * x + 5.3896E-005$$

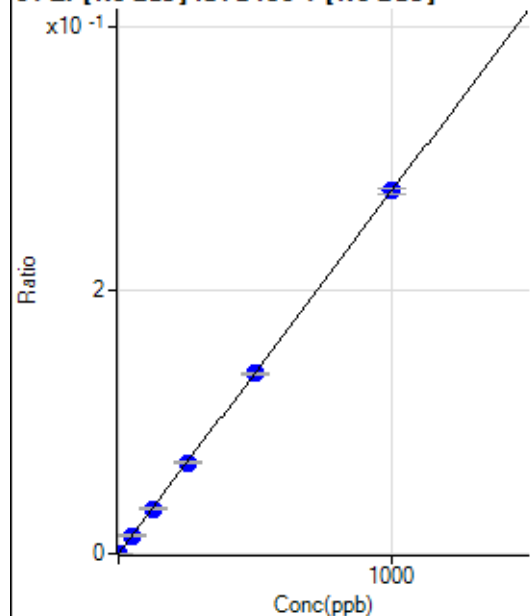
$$R = 1.0000$$

$$DL = 0.009869$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.22	0.0000	P	11.3
2	☐	1.000	0.921	3225.45	0.0003	P	14.1
3	☐	50.000	50.340	169975.86	0.0139	P	2.1
4	☐	125.000	123.894	412832.22	0.0341	P	1.2
5	☐	250.000	251.348	828407.63	0.0692	P	3.6
6	☐	500.000	497.791	1598299.91	0.1370	P	1.4
7	☐	1000.000	1000.889	3189535.51	0.2755	P	1.3
8	☐			977.84	0.0001	P	4.4

$$y = 2.7526E-004 * x + 8.4574E-006$$

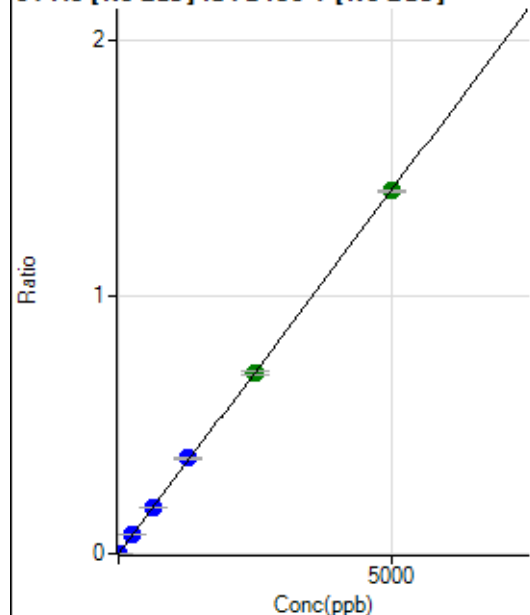
$$R = 1.0000$$

$$DL = 0.01042$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.01	0.0000	P	20.2
2	☐	5.000	4.904	17271.93	0.0014	P	0.2
3	☐	250.000	264.789	918549.21	0.0749	P	1.3
4	☐	625.000	645.148	2209047.01	0.1825	P	0.8
5	☐	1250.000	1310.058	4437257.78	0.3706	P	3.5
6	☐	2500.000	2481.546	8188478.92	0.7020	A	1.6
7	☐	5000.000	4990.955	16346294.11	1.4119	A	0.3
8	☐			4825.94	0.0004	P	3.9

$$y = 2.8290E-004 * x + 1.5074E-005$$

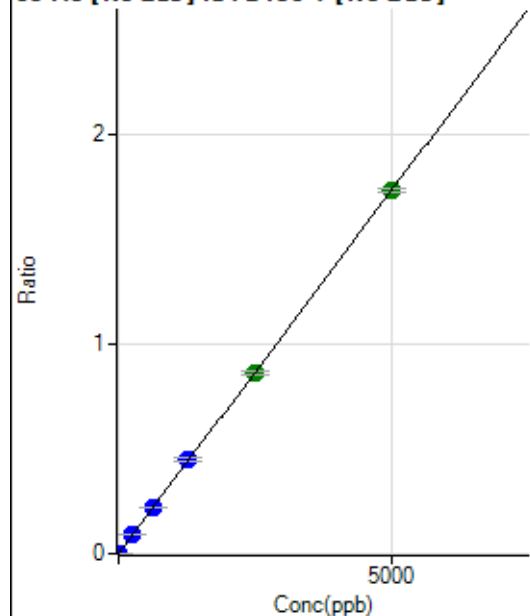
$$R = 0.9999$$

$$DL = 0.03232$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.7
2	☐	5.000	4.816	20554.16	0.0017	P	1.8
3	☐	250.000	264.022	1121525.89	0.0915	P	1.8
4	☐	625.000	646.228	2709886.37	0.2239	P	0.6
5	☐	1250.000	1298.934	5388150.77	0.4501	P	3.6
6	☐	2500.000	2480.212	10022656.91	0.8593	A	2.2
7	☐	5000.000	4994.306	20032847.32	1.7304	A	1.0
8	☐			5301.11	0.0005	P	6.8

$$y = 3.4648E-004 * x + 4.6408E-007$$

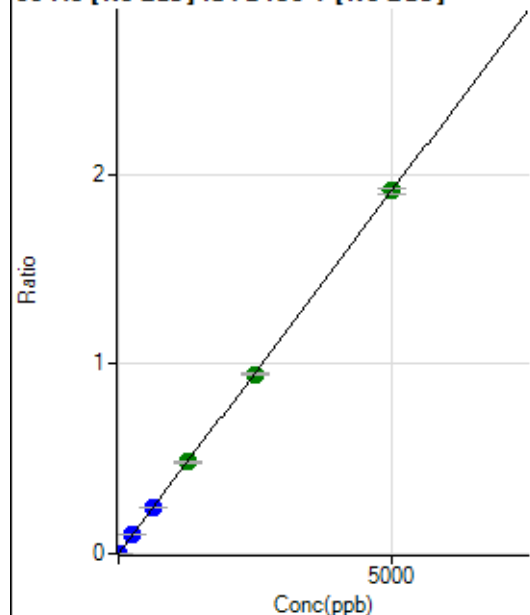
$$R = 0.9999$$

$$DL = 0.003484$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	29.3
2	☐	5.000	4.817	22712.94	0.0018	P	2.1
3	☐	250.000	263.696	1234801.95	0.1007	P	1.7
4	☐	625.000	644.892	2981122.14	0.2463	P	0.3
5	☐	1250.000	1262.588	5773984.64	0.4822	A	3.3
6	☐	2500.000	2479.083	11043479.33	0.9469	A	2.0
7	☐	5000.000	5004.140	22125621.33	1.9113	A	1.8
8	☐			10670.93	0.0009	P	4.0

$$y = 3.8194\text{E-}004 * x + 4.8736\text{E-}006$$

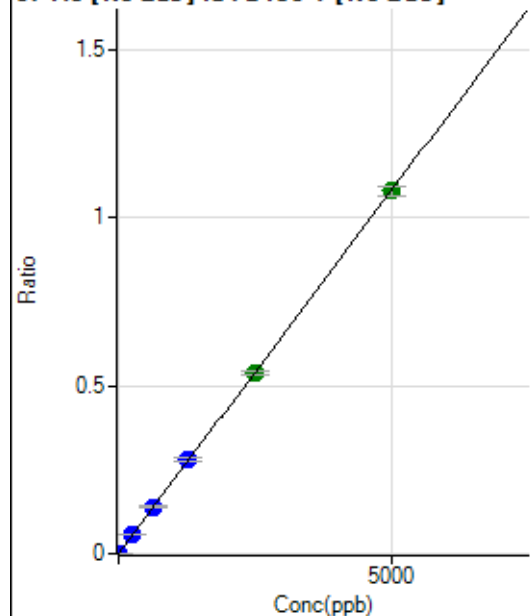
$$R = 1.0000$$

$$DL = 0.01121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	102.0
2	☐	5.000	4.815	12836.58	0.0010	P	2.7
3	☐	250.000	262.535	696401.01	0.0568	P	1.8
4	☐	625.000	647.006	1694253.66	0.1400	P	0.4
5	☐	1250.000	1300.077	3367952.42	0.2813	P	3.1
6	☐	2500.000	2483.778	6267802.27	0.5374	A	2.1
7	☐	5000.000	4992.214	12503631.62	1.0801	A	2.5
8	☐			3347.71	0.0003	P	2.6

$$y = 2.1636\text{E-}004 * x + 7.0315\text{E-}007$$

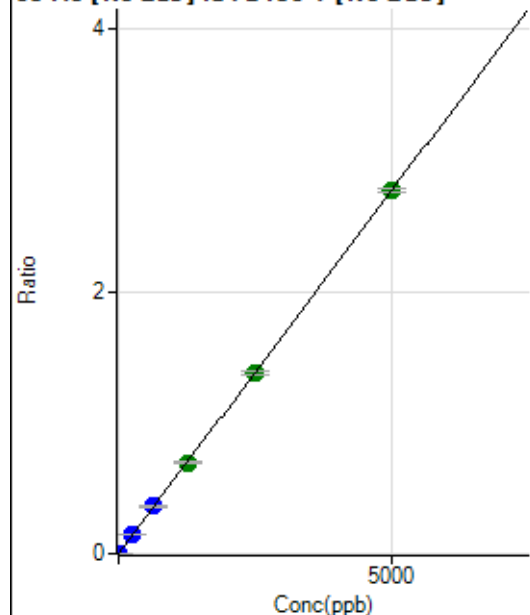
$$R = 0.9999$$

$$DL = 0.009944$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	36.2
2	☐	5.000	4.765	32526.53	0.0026	P	0.3
3	☐	250.000	262.122	1778985.39	0.1451	P	2.1
4	☐	625.000	650.124	4355888.68	0.3599	P	0.4
5	☐	1250.000	1248.129	8274095.15	0.6910	A	2.5
6	☐	2500.000	2495.026	16109470.33	1.3812	A	2.0
7	☐	5000.000	4999.208	32038656.27	2.7675	A	1.1
8	☐			8238.73	0.0007	P	1.1

$$y = 5.5359E-004 * x + 3.6247E-006$$

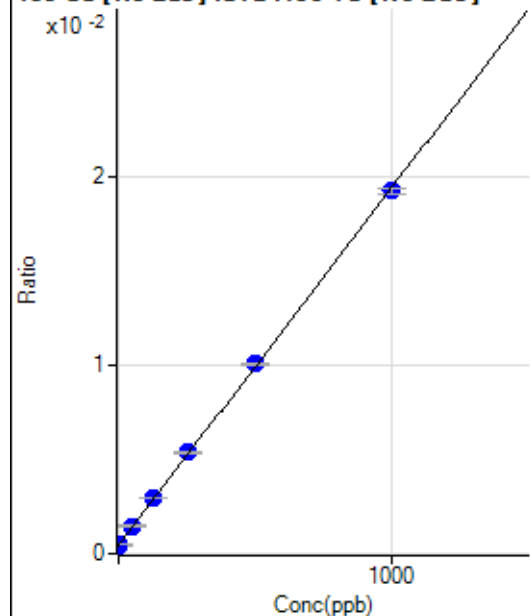
$$R = 1.0000$$

$$DL = 0.007116$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5278.92	0.0005	P	2.9
2	☐	1.000	1.233	5948.63	0.0005	P	5.0
3	☐	50.000	52.669	18181.49	0.0014	P	4.5
4	☐	125.000	132.877	37207.66	0.0030	P	1.8
5	☐	250.000	259.805	67530.08	0.0054	P	2.6
6	☐	500.000	508.729	125427.82	0.0101	P	1.1
7	☐	1000.000	992.066	240590.45	0.0192	P	1.2
8	☐			5445.65	0.0005	P	5.6

$$y = 1.8915E-005 * x + 4.5002E-004$$

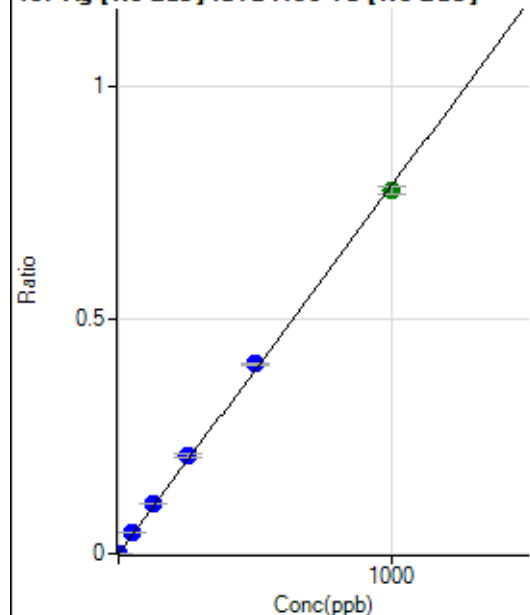
$$R = 0.9999$$

$$DL = 2.099$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	26.7
2	☐	1.000	0.981	9756.37	0.0008	P	2.6
3	☐	50.000	55.405	547410.50	0.0435	P	0.9
4	☐	125.000	135.907	1340570.29	0.1068	P	0.3
5	☐	250.000	266.618	2636509.67	0.2094	P	3.0
6	☐	500.000	515.476	5042316.13	0.4049	P	0.8
7	☐	1000.000	986.474	9701866.71	0.7749	A	2.2
8	☐			4903.76	0.0004	P	3.6

$$y = 7.8553\text{E-}004 * x + 5.7255\text{E-}006$$

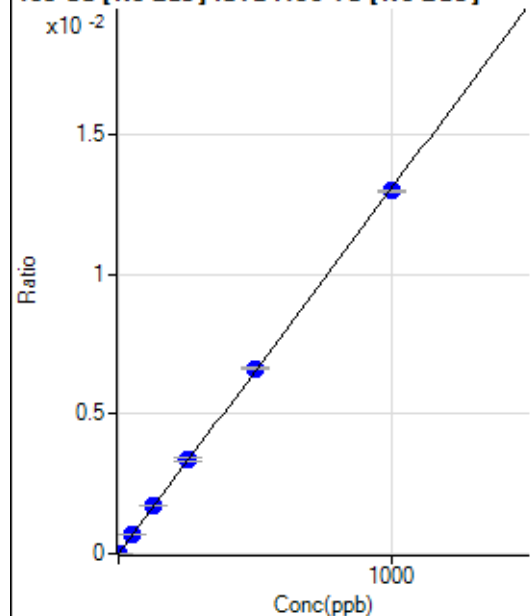
$$R = 0.9996$$

$$DL = 0.005846$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.8
2	☐	1.000	1.264	213.90	0.0000	P	18.3
3	☐	50.000	53.951	8880.66	0.0007	P	2.5
4	☐	125.000	130.405	21425.98	0.0017	P	0.8
5	☐	250.000	258.554	42584.62	0.0034	P	3.2
6	☐	500.000	507.481	82666.31	0.0066	P	1.8
7	☐	1000.000	993.248	162693.20	0.0130	P	0.4
8	☐			122.22	0.0000	P	10.0

$$y = 1.3081\text{E-}005 * x + 4.8864\text{E-}007$$

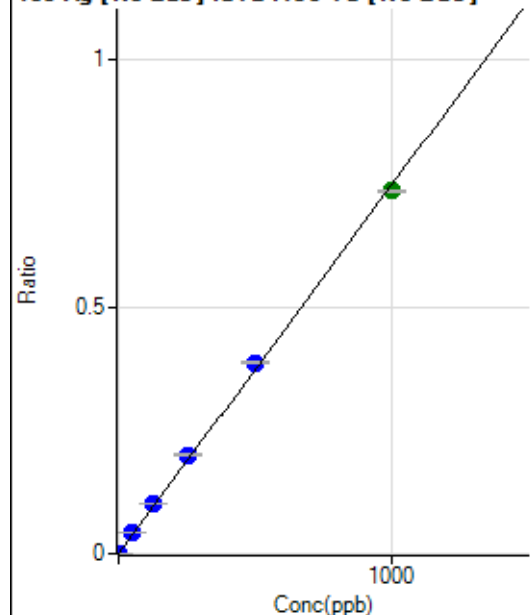
$$R = 0.9999$$

$$DL = 0.0973$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	60.9
2	☐	1.000	1.012	9506.21	0.0008	P	4.5
3	☐	50.000	56.024	525684.46	0.0418	P	2.2
4	☐	125.000	136.295	1276986.73	0.1017	P	0.8
5	☐	250.000	267.024	2508521.30	0.1993	P	2.2
6	☐	500.000	518.528	4818010.74	0.3869	P	0.9
7	☐	1000.000	984.767	9201108.80	0.7348	A	0.4
8	☐			4712.03	0.0004	P	7.3

$$y = 7.4618\text{E-}004 * x + 1.6409\text{E-}006$$

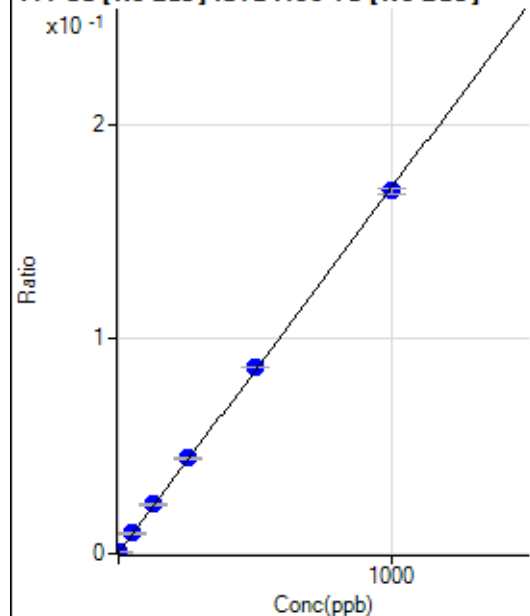
$$R = 0.9996$$

$$DL = 0.004019$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3696.91	0.0003	P	3.1
2	☐	1.000	1.247	6627.08	0.0005	P	3.9
3	☐	50.000	53.516	118497.69	0.0094	P	1.0
4	☐	125.000	132.709	287519.13	0.0229	P	1.1
5	☐	250.000	259.732	560333.38	0.0445	P	3.2
6	☐	500.000	509.755	1084160.67	0.0871	P	0.4
7	☐	1000.000	991.550	2116652.36	0.1691	P	1.3
8	☐			4551.44	0.0004	P	5.5

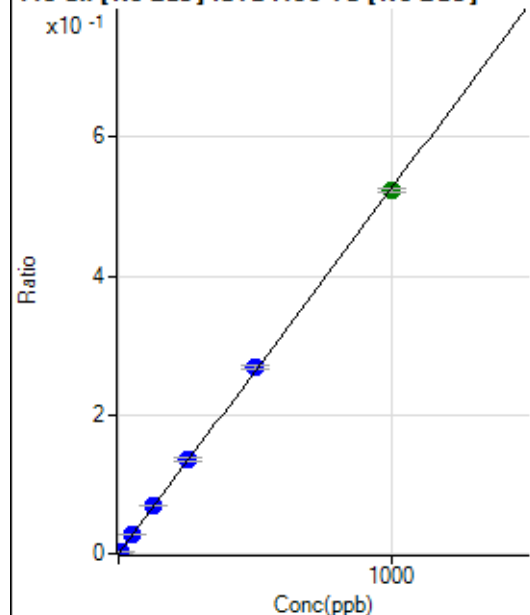
$$y = 1.7018\text{E-}004 * x + 3.1513\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1735$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	825.05	0.0001	P	4.6
2	☐	5.000	4.757	32354.29	0.0026	P	2.6
3	☐	50.000	53.135	352554.48	0.0280	P	2.1
4	☐	125.000	130.408	862702.81	0.0687	P	0.6
5	☐	250.000	256.476	1700088.02	0.1351	P	3.3
6	☐	500.000	508.986	3336527.42	0.2680	P	2.1
7	☐	1000.000	993.057	6545094.20	0.5227	A	1.2
8	☐			5784.67	0.0005	P	5.9

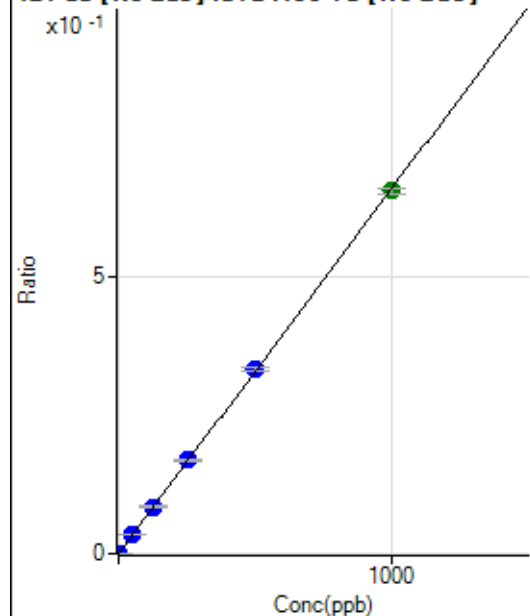
$$y = 5.2633\text{E-}004 * x + 7.0451\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01837$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	104.8
2	☐	2.000	1.920	15895.45	0.0013	P	2.1
3	☐	50.000	52.241	432082.64	0.0344	P	1.6
4	☐	125.000	128.577	1061806.47	0.0846	P	1.0
5	☐	250.000	256.099	2120279.21	0.1684	P	3.1
6	☐	500.000	506.289	4146278.61	0.3330	P	1.6
7	☐	1000.000	994.772	8191686.64	0.6543	A	1.4
8	☐			6168.18	0.0005	P	4.1

$$y = 6.5769\text{E-}004 * x + 1.6804\text{E-}006$$

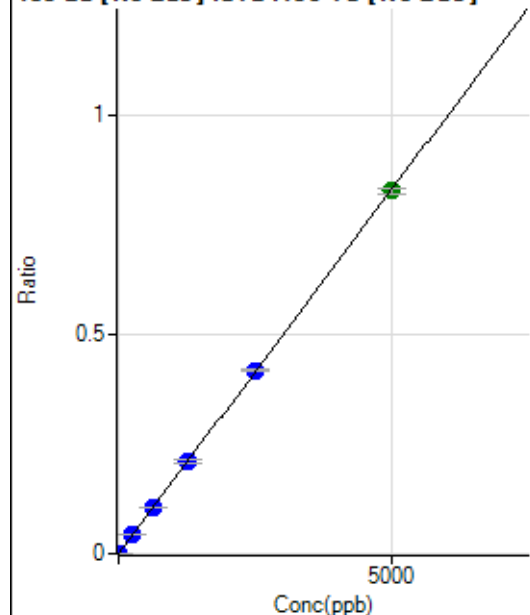
$$R = 0.9999$$

$$DL = 0.008034$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	30.5
2	☐	10.000	9.498	19861.82	0.0016	P	1.1
3	☐	250.000	258.358	539905.81	0.0429	P	1.3
4	☐	625.000	637.848	1330841.90	0.1060	P	0.9
5	☐	1250.000	1271.803	2660203.86	0.2113	P	3.3
6	☐	2500.000	2515.283	5204667.39	0.4180	P	1.1
7	☐	5000.000	4984.885	10371124.28	0.8283	A	1.4
8	☐			17920.30	0.0015	P	1.4

$$y = 1.6617E-004 * x + 2.1191E-006$$

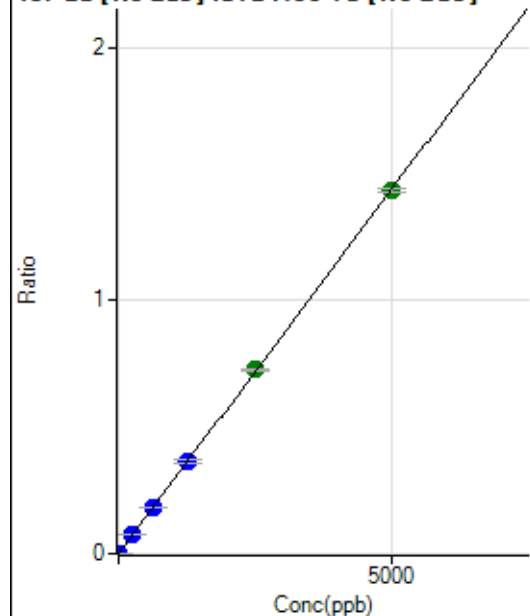
$$R = 1.0000$$

$$DL = 0.01167$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	16.9
2	☐	10.000	9.428	34162.05	0.0027	P	0.9
3	☐	250.000	261.050	945175.14	0.0752	P	1.5
4	☐	625.000	632.654	2287022.92	0.1821	P	0.9
5	☐	1250.000	1272.198	4610653.88	0.3663	P	2.9
6	☐	2500.000	2523.312	9046715.65	0.7265	A	0.6
7	☐	5000.000	4981.286	17957613.25	1.4341	A	1.0
8	☐			31786.90	0.0027	P	1.4

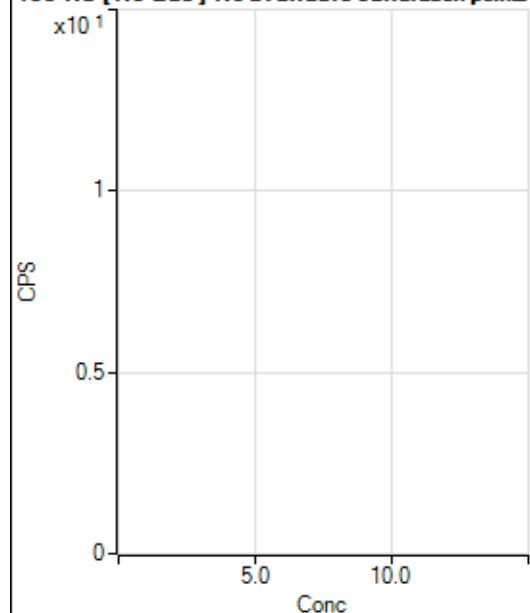
$$y = 2.8790E-004 * x + 3.5455E-006$$

$$R = 1.0000$$

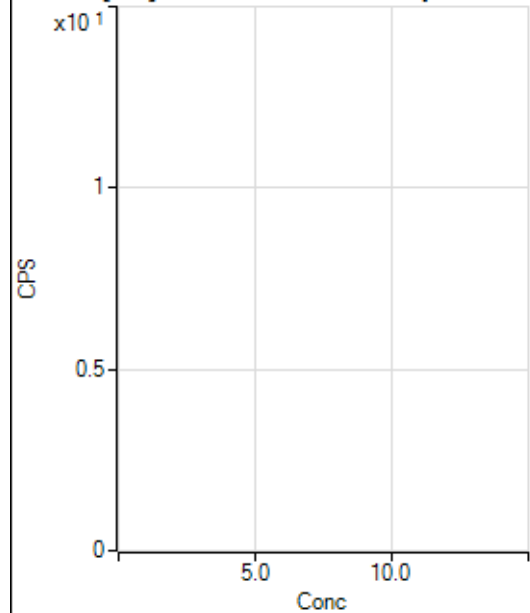
$$DL = 0.006255$$

Weight: <None>

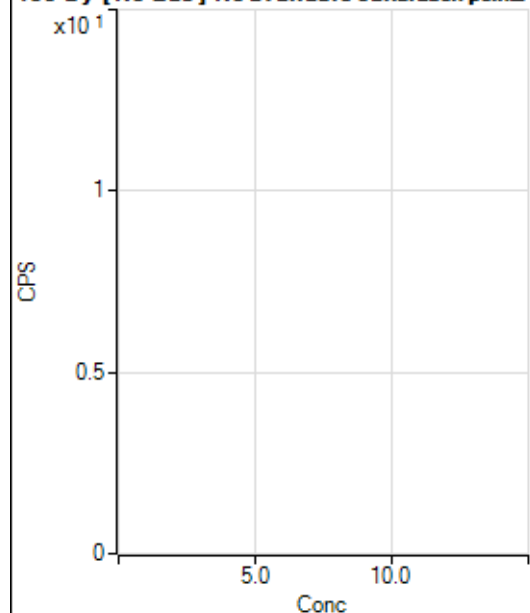
Min Conc: 0

150 Nd [No Gas] No available calibration points

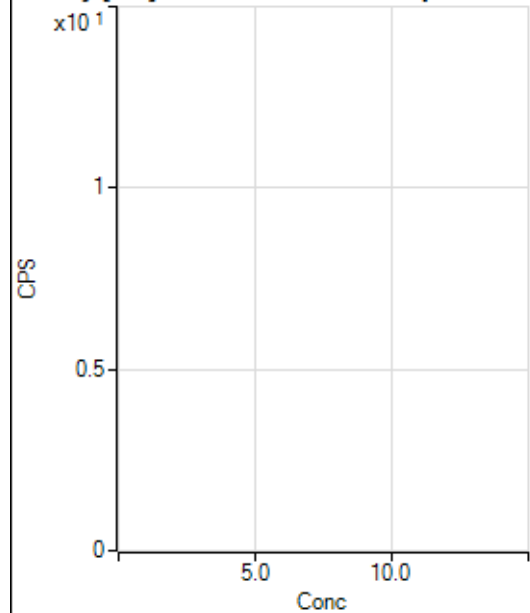
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			2.22		P	173.2
3	☐			42.22		P	24.1
4	☐			131.11		P	28.9
5	☐			235.56		P	21.4
6	☐			415.57		P	4.9
7	☐			771.15		P	11.3
8	☐			40.00		P	50.0

150 Nd [He] No available calibration points

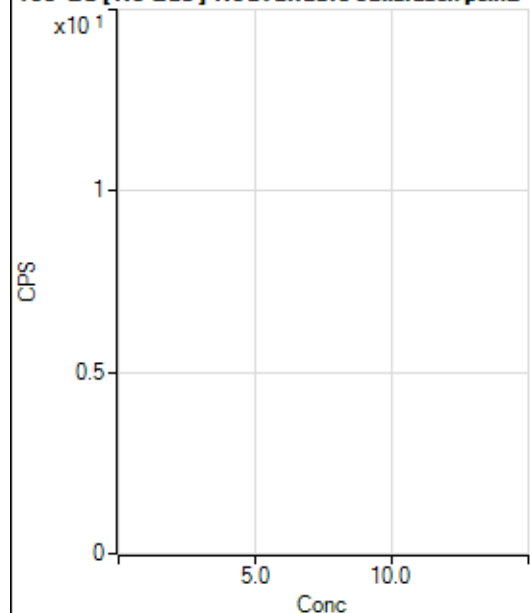
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			13.33		P	50.0
4	☐			25.56		P	49.4
5	☐			32.22		P	6.0
6	☐			73.33		P	12.0
7	☐			120.00		P	7.3
8	☐			13.33		P	75.0

156 Dy [No Gas] No available calibration points

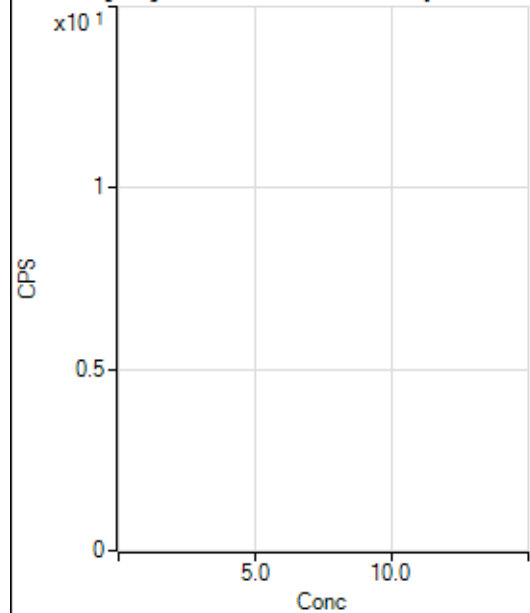
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			16.67		P	NaN
3	☐			44.45		P	39.0
4	☐			52.78		P	32.9
5	☐			102.78		P	26.1
6	☐			202.79		P	23.7
7	☐			327.79		P	10.6
8	☐			719.48		P	4.1

156 Dy [He] No available calibration points

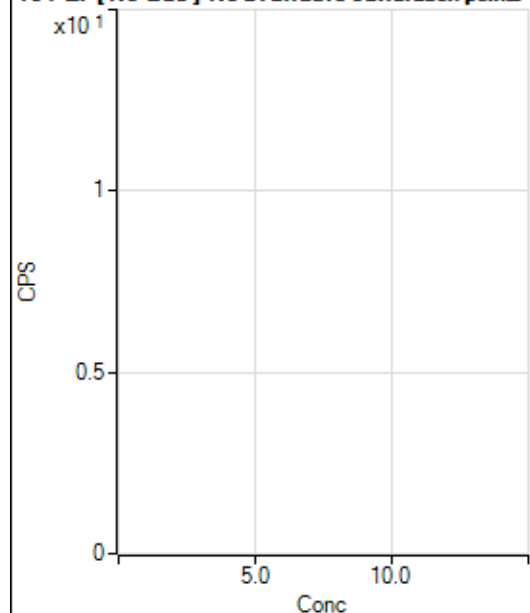
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐			14.45		P	26.7
3	☐			18.89		P	10.2
4	☐			41.11		P	12.4
5	☐			71.11		P	25.8
6	☐			115.56		P	9.3
7	☐			233.34		P	18.2
8	☐			353.34		P	1.6

160 Gd [No Gas] Noavailable calibration poin...

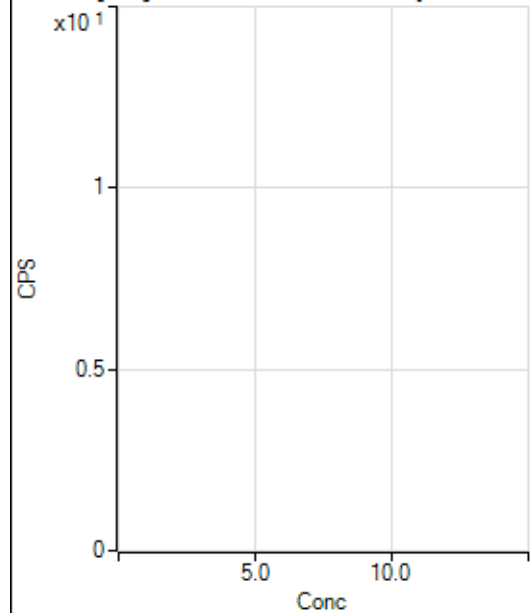
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.78		P	4.7
2	☐			144.45		P	38.4
3	☐			125.00		P	6.7
4	☐			169.45		P	19.9
5	☐			183.34		P	19.8
6	☐			211.12		P	35.4
7	☐			266.68		P	8.3
8	☐			747.26		P	5.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			176.67		P	13.2
2	☐			165.56		P	18.2
3	☐			188.89		P	8.7
4	☐			211.12		P	7.9
5	☐			190.00		P	19.5
6	☐			215.56		P	14.4
7	☐			253.34		P	9.9
8	☐			581.13		P	5.1

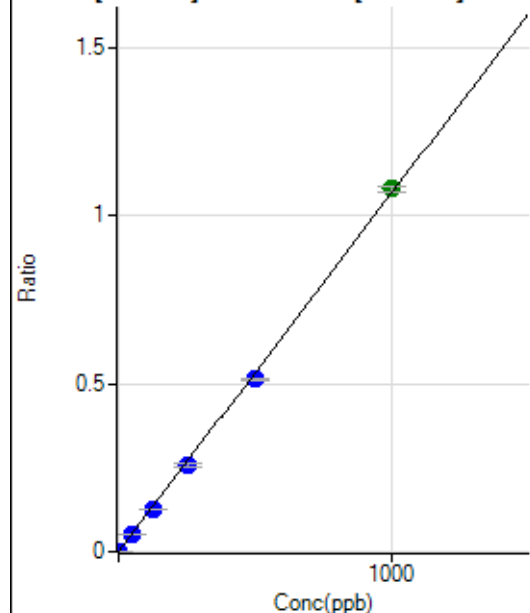
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	55.1
2	☐			77.78		P	34.4
3	☐			61.11		P	28.4
4	☐			36.11		P	96.1
5	☐			102.78		P	32.8
6	☐			88.89		P	23.6
7	☐			83.34		P	26.5
8	☐			152.79		P	25.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.44		P	24.3
2	☐			25.55		P	41.9
3	☐			45.56		P	22.4
4	☐			38.89		P	13.1
5	☐			37.78		P	39.8
6	☐			42.22		P	40.5
7	☐			56.67		P	50.9
8	☐			54.45		P	24.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	48.0
2	☐	1.000	0.874	7991.50	0.0009	P	4.5
3	☐	50.000	47.994	441416.11	0.0512	P	1.3
4	☐	125.000	119.647	1078868.42	0.1276	P	0.8
5	☐	250.000	241.063	2191265.76	0.2570	P	3.4
6	☐	500.000	481.604	4324405.00	0.5134	P	1.2
7	☐	1000.000	1012.202	8921032.31	1.0791	A	1.7
8	☐			683.37	0.0001	P	13.4

$$y = 0.0011 * x + 6.9815E-006$$

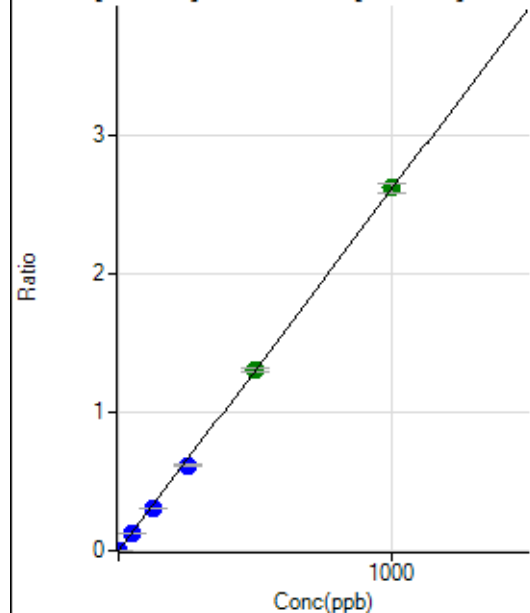
$$R = 0.9997$$

$$DL = 0.009434$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	24.4
2	☐	1.000	0.876	19534.18	0.0023	P	3.1
3	☐	50.000	47.039	1056857.26	0.1225	P	1.8
4	☐	125.000	117.654	2591945.31	0.3065	P	0.2
5	☐	250.000	236.660	5256212.40	0.6164	P	3.2
6	☐	500.000	499.264	10952106.75	1.3004	A	2.1
7	☐	1000.000	1004.770	21635172.18	2.6171	A	2.4
8	☐			1858.52	0.0003	P	10.4

$$y = 0.0026 * x + 1.0873E-005$$

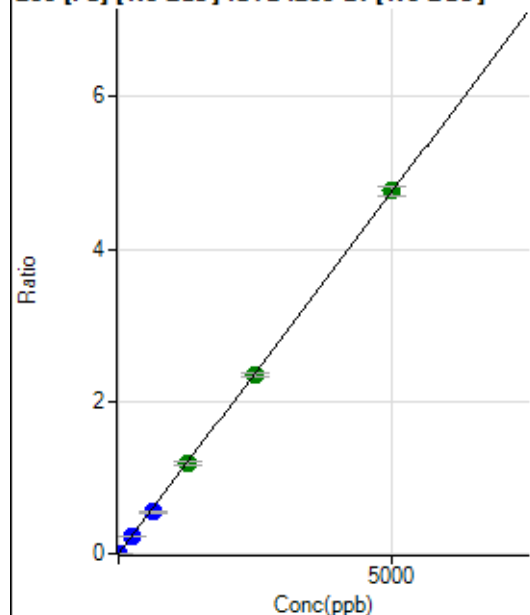
$$R = 0.9999$$

$$DL = 0.00306$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.22	0.0000	P	18.7
2	☐	1.000	0.814	6712.91	0.0008	P	2.7
3	☐	250.000	228.912	1875391.98	0.2174	P	1.8
4	☐	625.000	572.742	4600907.16	0.5440	P	0.4
5	☐	1250.000	1242.572	10063297.10	1.1802	A	3.5
6	☐	2500.000	2482.954	19861233.55	2.3583	A	2.1
7	☐	5000.000	5017.967	39399418.94	4.7660	A	2.3
8	☐			33293.63	0.0047	P	5.1

$$y = 9.4979E-004 * x + 1.5247E-005$$

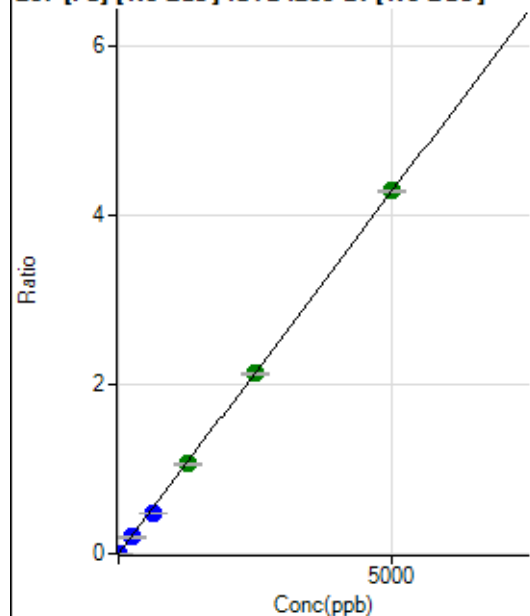
$$R = 0.9999$$

$$DL = 0.00901$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	37.8
2	☐	1.000	0.798	5919.96	0.0007	P	1.5
3	☐	250.000	227.307	1676698.36	0.1944	P	2.6
4	☐	625.000	568.181	4109880.85	0.4859	P	0.4
5	☐	1250.000	1239.318	9038480.53	1.0599	A	3.3
6	☐	2500.000	2491.926	17951283.97	2.1312	A	0.7
7	☐	5000.000	5014.944	35459905.65	4.2890	A	0.8
8	☐			29985.89	0.0042	P	2.3

$$y = 8.5525E-004 * x + 1.2295E-005$$

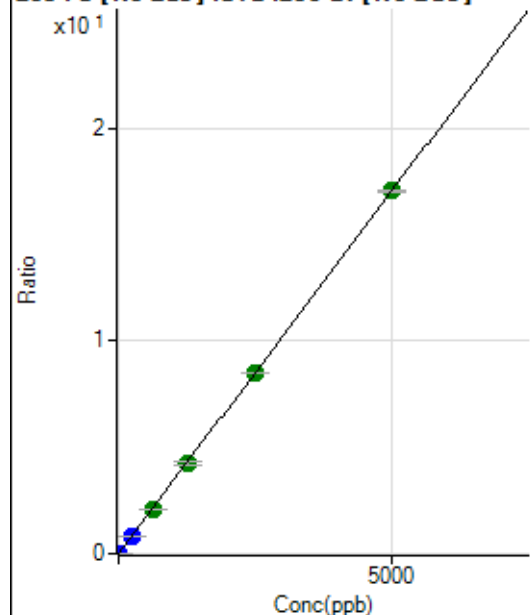
$$R = 0.9999$$

$$DL = 0.01632$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.16	0.0000	P	11.0
2	☐	1.000	0.819	24197.68	0.0028	P	1.7
3	☐	250.000	229.556	6746192.03	0.7822	P	1.8
4	☐	625.000	599.543	17275912.06	2.0427	A	0.7
5	☐	1250.000	1247.074	36230111.23	4.2489	A	3.0
6	☐	2500.000	2496.160	71631896.86	8.5045	A	0.7
7	☐	5000.000	5006.856	141032595.8	17.0585	A	0.8
8	☐			120017.54	0.0168	P	4.2

$$y = 0.0034 * x + 4.9872E-005$$

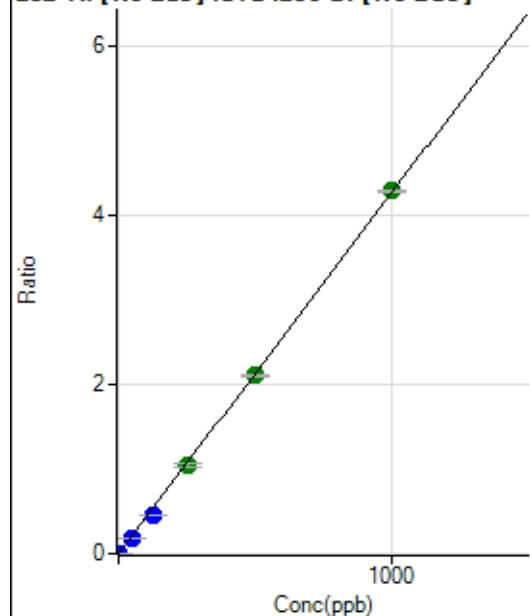
$$R = 1.0000$$

$$DL = 0.004831$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	448.17	0.0001	P	4.2
2	☐	1.000	-0.001	451.87	0.0001	P	9.9
3	☐	50.000	42.214	1551141.31	0.1798	P	1.0
4	☐	125.000	106.954	3852479.66	0.4555	P	0.6
5	☐	250.000	246.119	8937058.01	1.0481	A	3.3
6	☐	500.000	494.633	17742423.20	2.1064	A	0.5
7	☐	1000.000	1006.300	35430559.36	4.2854	A	0.3
8	☐			5401.21	0.0008	P	7.3

$$y = 0.0043 * x + 5.6265E-005$$

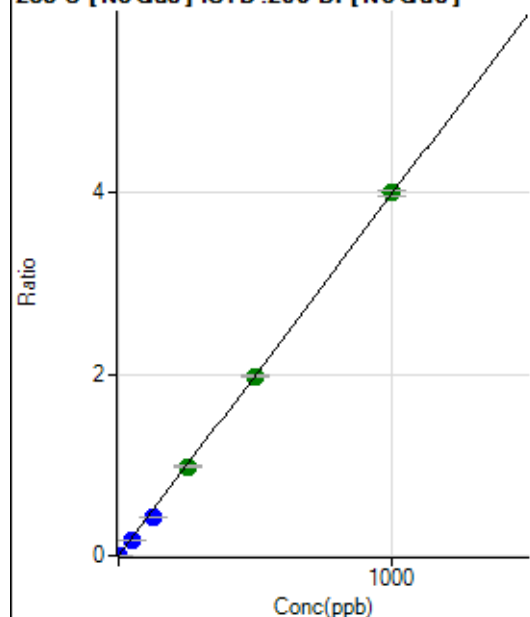
$$R = 0.9998$$

$$DL = 0.001664$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	93.9
2	☐	1.000	0.785	26639.30	0.0031	P	2.1
3	☐	50.000	43.010	1476261.98	0.1711	P	1.5
4	☐	125.000	108.462	3649890.97	0.4316	P	1.0
5	☐	250.000	246.576	8365906.78	0.9811	A	3.0
6	☐	500.000	496.936	16653258.53	1.9773	A	1.4
7	☐	1000.000	1004.805	33052769.14	3.9980	A	1.4
8	☐			3450.56	0.0005	P	2.2

$$y = 0.0040 * x + 3.6526E-006$$

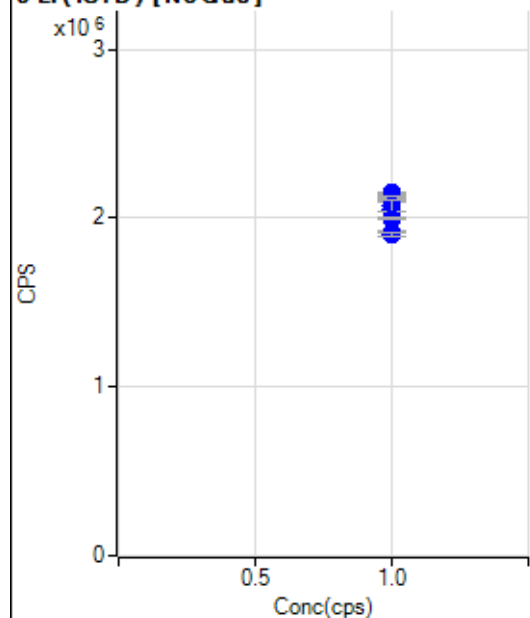
$$R = 0.9999$$

$$DL = 0.002586$$

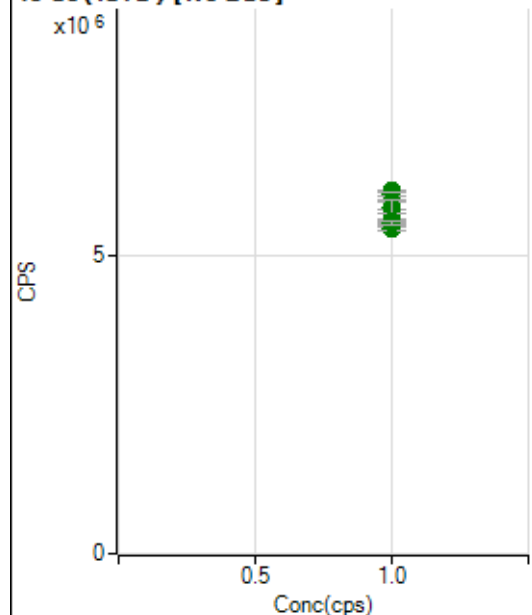
Weight: <None>

Min Conc: 0

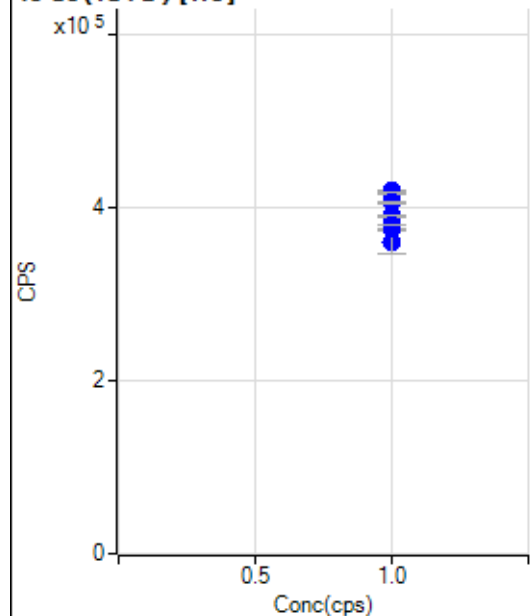
6 Li (ISTD) [No Gas]



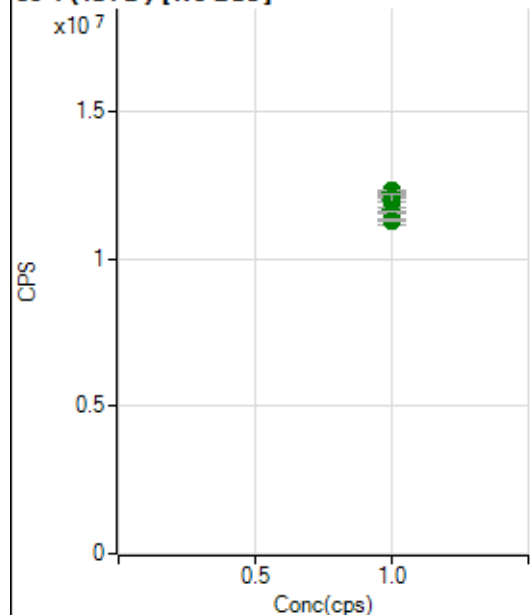
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2045025.72		P	5.0
2	☐	1.000		2148580.96		P	0.7
3	☐	1.000		2135216.11		P	0.5
4	☐	1.000		2123348.16		P	0.5
5	☐	1.000		2071607.87		P	3.0
6	☐	1.000		1997013.51		P	0.5
7	☐	1.000		1918134.87		P	0.2
8	☐	1.000		1903059.29		P	0.7

45 Sc (ISTD) [No Gas]

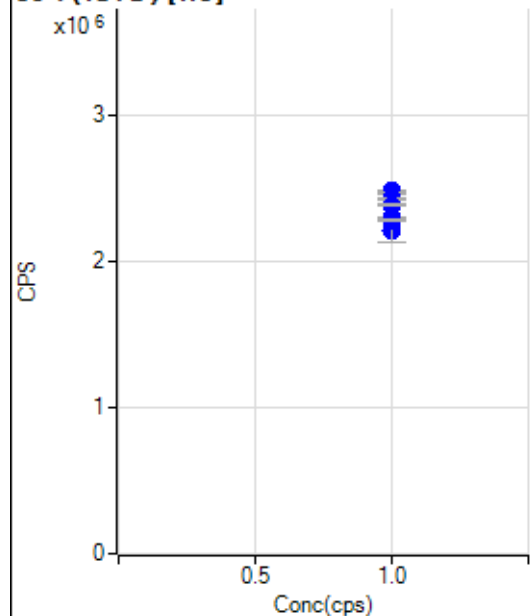
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5598086.48		A	6.3
2	☐	1.000		6081690.67		A	0.1
3	☐	1.000		6022714.15		A	1.1
4	☐	1.000		5913551.09		A	0.7
5	☐	1.000		5810122.27		A	3.8
6	☐	1.000		5568639.92		A	1.4
7	☐	1.000		5448284.22		A	0.8
8	☐	1.000		5541199.36		A	0.8

45 Sc (ISTD) [He]

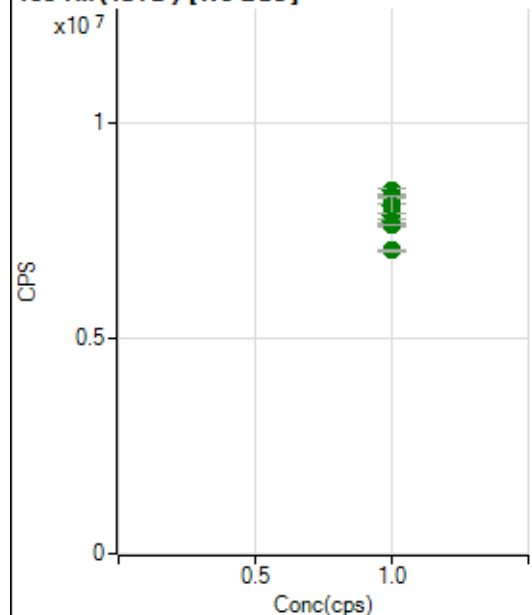
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		416319.02		P	0.1
2	☐	1.000		418698.21		P	0.5
3	☐	1.000		416152.08		P	0.3
4	☐	1.000		405394.61		P	0.4
5	☐	1.000		390073.01		P	0.5
6	☐	1.000		359667.17		P	7.3
7	☐	1.000		374721.12		P	0.3
8	☐	1.000		379345.70		P	0.2

89 Y (ISTD) [No Gas]

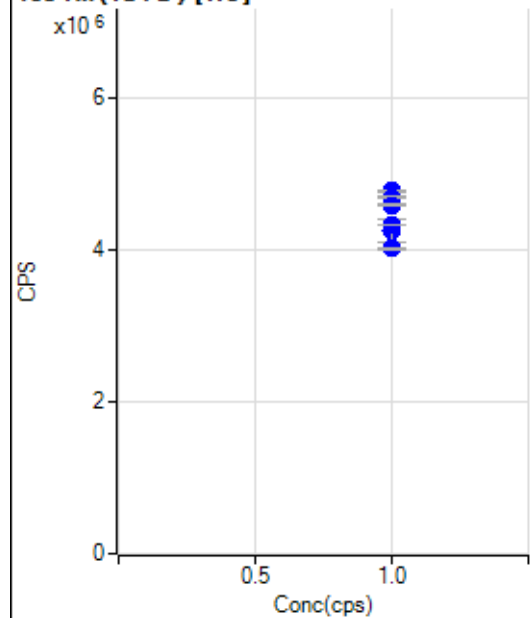
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11555221.56		A	7.0
2	☐	1.000		12314698.98		A	0.8
3	☐	1.000		12260978.57		A	1.0
4	☐	1.000		12103012.18		A	0.7
5	☐	1.000		11981600.38		A	3.4
6	☐	1.000		11665123.86		A	1.2
7	☐	1.000		11577239.97		A	0.6
8	☐	1.000		11315440.94		A	1.0

89 Y (ISTD) [He]

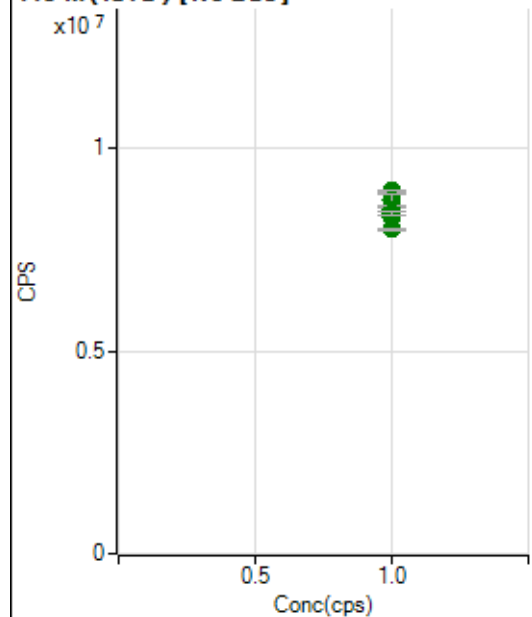
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2464446.04		P	0.2
2	☐	1.000		2482512.31		P	0.4
3	☐	1.000		2469093.47		P	0.4
4	☐	1.000		2428085.76		P	0.1
5	☐	1.000		2385266.89		P	0.2
6	☐	1.000		2210759.92		P	6.6
7	☐	1.000		2297756.16		P	0.4
8	☐	1.000		2279093.87		P	0.4

103 Rh (ISTD) [No Gas]

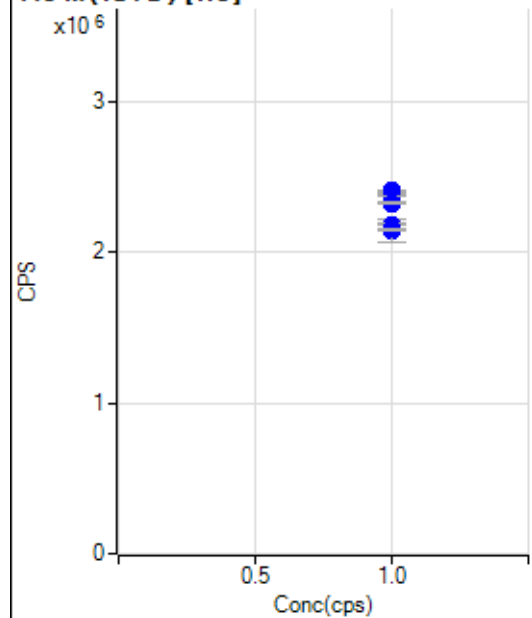
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7850487.80		A	6.4
2	☐	1.000		8422019.53		A	1.7
3	☐	1.000		8312367.45		A	0.1
4	☐	1.000		8275410.92		A	0.4
5	☐	1.000		8091055.23		A	4.7
6	☐	1.000		7721574.12		A	0.7
7	☐	1.000		7638190.65		A	0.3
8	☐	1.000		7031826.01		A	0.6

103 Rh (ISTD) [He]

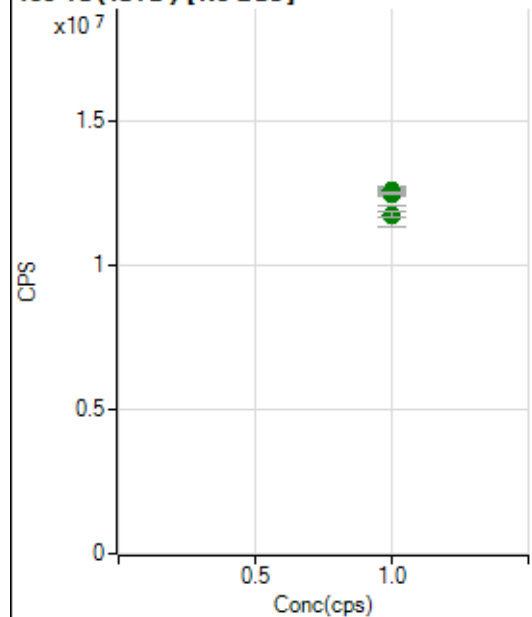
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4783726.80		P	0.3
2	☐	1.000		4778313.85		P	0.3
3	☐	1.000		4771377.74		P	0.6
4	☐	1.000		4702937.08		P	0.3
5	☐	1.000		4596661.46		P	0.4
6	☐	1.000		4256740.87		P	7.2
7	☐	1.000		4331566.29		P	0.3
8	☐	1.000		4021696.88		P	0.2

115 In (ISTD) [No Gas]

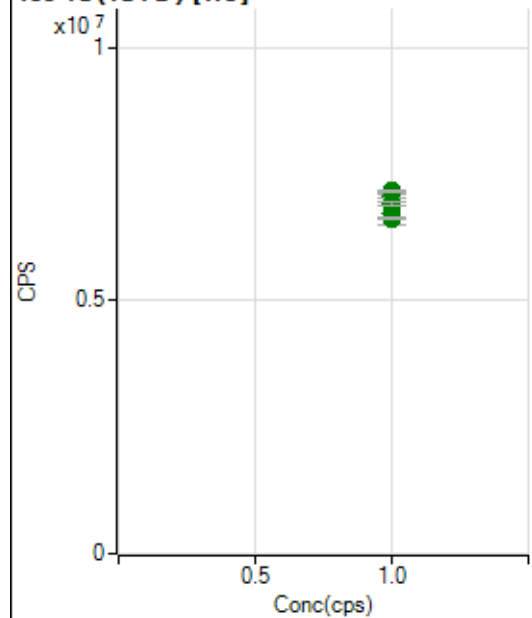
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8294006.93		A	6.2
2	☐	1.000		8952853.85		A	0.7
3	☐	1.000		8891595.42		A	0.8
4	☐	1.000		8927310.10		A	0.6
5	☐	1.000		8724406.01		A	3.2
6	☐	1.000		8510814.84		A	1.5
7	☐	1.000		8394698.83		A	1.6
8	☐	1.000		8010137.15		A	0.5

115 In (ISTD) [He]

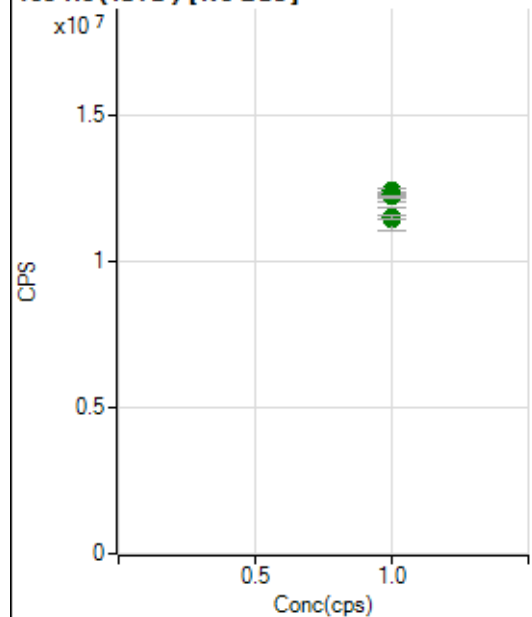
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2391629.14		P	0.5
2	☐	1.000		2410522.61		P	0.5
3	☐	1.000		2400697.70		P	0.2
4	☐	1.000		2372942.30		P	0.2
5	☐	1.000		2331669.56		P	0.2
6	☐	1.000		2148278.88		P	7.0
7	☐	1.000		2188023.53		P	0.6
8	☐	1.000		2153231.38		P	0.3

159 Tb (ISTD) [No Gas]

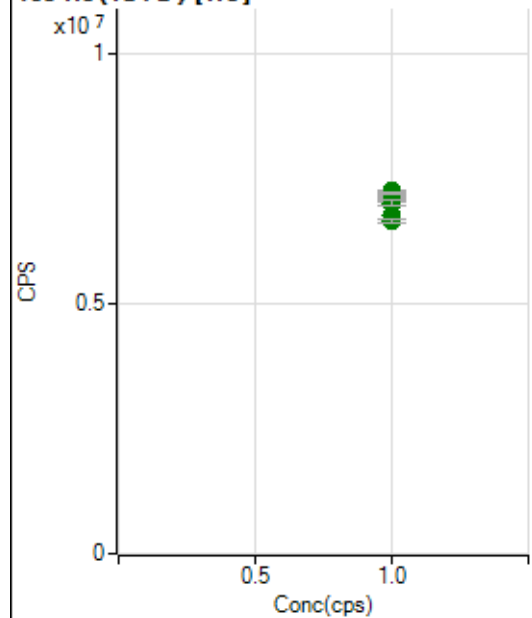
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11716822.95		A	6.4
2	☐	1.000		12568716.34		A	0.5
3	☐	1.000		12577385.37		A	1.6
4	☐	1.000		12556367.45		A	0.5
5	☐	1.000		12595116.62		A	2.9
6	☐	1.000		12452874.82		A	0.8
7	☐	1.000		12521492.45		A	0.8
8	☐	1.000		11750202.19		A	1.7

159 Tb (ISTD) [He]

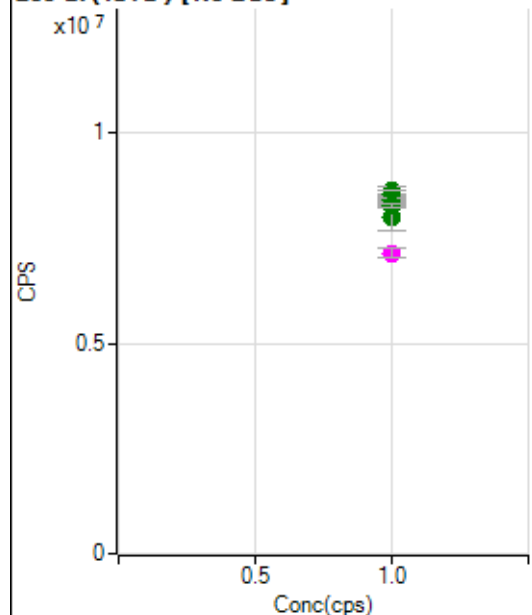
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7069023.57		A	0.8
2	☐	1.000		7101513.51		A	0.5
3	☐	1.000		7155590.31		A	1.0
4	☐	1.000		7061632.12		A	1.6
5	☐	1.000		7161156.63		A	0.2
6	☐	1.000		6730310.32		A	6.7
7	☐	1.000		6915550.66		A	1.4
8	☐	1.000		6621828.65		A	0.6

165 Ho (ISTD) [No Gas]

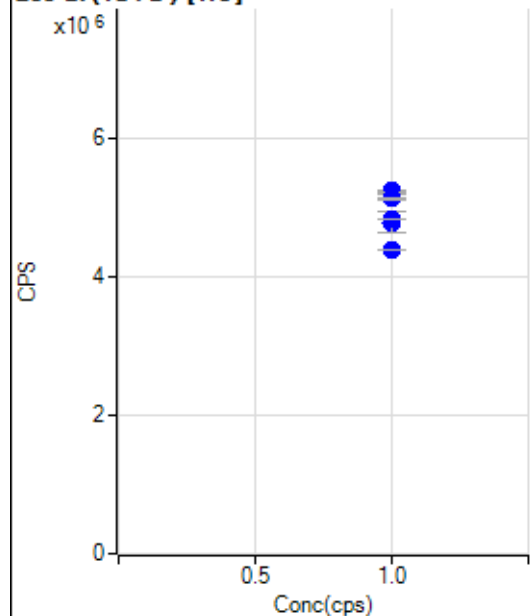
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11474116.49		A	6.8
2	☐	1.000		12291841.34		A	0.4
3	☐	1.000		12260698.99		A	1.0
4	☐	1.000		12433441.34		A	1.0
5	☐	1.000		12299110.51		A	4.1
6	☐	1.000		12302681.76		A	1.7
7	☐	1.000		12231672.18		A	0.6
8	☐	1.000		11541883.72		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7122253.09		A	0.9
2	☐	1.000		7082196.77		A	1.6
3	☐	1.000		7248186.63		A	0.3
4	☐	1.000		7231068.78		A	0.4
5	☐	1.000		7221832.11		A	0.5
6	☐	1.000		6779130.87		A	5.4
7	☐	1.000		7005465.80		A	1.3
8	☐	1.000		6662197.47		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7979791.55		A	7.7
2	☐	1.000		8518976.19		A	0.6
3	☐	1.000		8627216.68		A	2.0
4	☐	1.000		8457518.49		A	0.4
5	☐	1.000		8532212.58		A	3.1
6	☐	1.000		8423296.89		A	1.2
7	☐	1.000		8267977.72		A	1.0
8	☐	1.000		7154868.78		M	3.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5242674.16		P	0.4
2	☐	1.000		5214822.49		P	0.4
3	☐	1.000		5215417.53		P	0.4
4	☐	1.000		5202666.49		P	0.4
5	☐	1.000		5129144.34		P	0.2
6	☐	1.000		4785443.78		P	6.3
7	☐	1.000		4835208.71		P	0.3
8	☐	1.000		4383234.28		P	0.2

US EPA Tune Check Sample Report

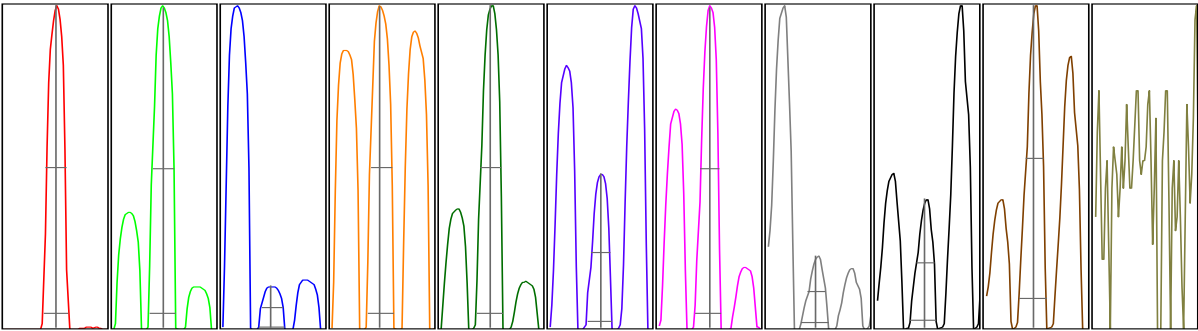
Batch Folder C:\Agilent\ICPMH\1\DATA\P7103020MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6425	0.59	5.00	
24	88331	0.49	5.00	
25	11860	0.36	5.00	
26	13618	0.41	5.00	
59	53579	0.51	5.00	
113	9536	0.54	5.00	
115	28471	0.72	5.00	
206	13411	0.46	5.00	
207	11500	0.37	5.00	
208	27798	0.72	5.00	
220	1	21.94		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6423	6370	6423	6433	6476
24	88159	87760	88767	88200	88766
25	11887	11790	11898	11859	11866
26	13565	13556	13634	13655	13681
59	53671	53264	53835	53316	53812
113	9542	9451	9577	9531	9577
115	28771	28552	28382	28424	28226
206	13420	13321	13381	13465	13467
207	11502	11514	11427	11534	11524
208	27771	27530	27747	27861	28079
220	1	1	1	0	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11857	9.05	8.9 - 9.1		0.731	0.900	
24	144421	24.00	23.9 - 24.1		0.784	0.900	
25	19299	24.95	24.9 - 25.1		0.745	0.900	
26	22306	25.95	25.9 - 26.1		0.784	0.900	
59	92843	59.00	58.9 - 59.1		0.780	0.900	
113	17801	113.05	112.9 - 113.1		0.738	0.900	
115	54284	115.05	114.9 - 115.1		0.758	0.900	
206	26073	205.95	205.9 - 206.1		0.782	0.900	
207	21862	206.95	206.9 - 207.1		0.742	0.900	
208	54510	207.95	207.9 - 208.1		0.782	0.900	
220			-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.1	V	Deflect	14.4	V
Extract 2	-180.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-80	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	17631	1.72	
89	58127	1.95	
205	37469	1.37	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	17452	17513	17506	17513	18172
89	57545	57544	57361	58095	60090
205	37720	37294	37015	37072	38245

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.5	V	Deflect	2.4	V
Extract 2	-180.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	3.9	mL/min	OctP RF	200	V			

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 09:53:46 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.04	0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.50	0.61	-0.11	0.00	N/A	ppb
Boron	11-1	-0.34	0.39	-0.05	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	-0.05	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.77	-0.60	-0.16	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.02	0.02	0.00	N/A	ppb
Calcium	43-1	3.61	-2.53	-1.08	0.00	N/A	ppb
Calcium	44-1	-1.94	2.16	-0.22	0.00	N/A	ppb
Chromium	52-2	0.03	-0.03	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	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	0.69	-0.14	-0.55	0.00	N/A	ppb
Iron	56-2	-0.04	-0.06	0.10	0.00	N/A	ppb
Iron	57-2	0.29	-0.02	-0.26	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 09:53:46	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	-0.04	-0.01	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	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	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	1.05	0.08	-8.01	-2.29		ppb
Potassium	39-2	-0.58	-0.90	1.48	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.50	-0.29	-0.21	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.23	0.27	-0.50	0.00	N/A	ppb
Silicon	28-1	-9.14	7.16	1.99	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	1.00	-0.59	-0.41	0.00	N/A	ppb
Strontium	86-1	-0.05	0.02	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-416.96	1360.18	680.55	541.25	165.67	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	-0.04	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 09:53:46	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	0.01	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 09:57:16	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.34	19.58	19.85	20.26	4.69	ppb
Antimony	121-1	1.89	1.91	1.97	1.92	2.09	ppb
Arsenic	75-2	0.90	0.93	0.90	0.91	1.72	ppb
Barium	135-1	9.40	9.48	9.61	9.50	1.14	ppb
Barium	137-1	9.33	9.50	9.45	9.43	0.92	ppb
Beryllium	9-1	0.84	1.00	0.93	0.92	8.80	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	21.59	19.74	22.65	21.33	6.90	ppb
Boron	11-1	20.88	21.35	22.26	21.50	3.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.20	1.16	1.39	1.25	9.77	ppb
Cadmium	106-1	0.10	1.01	2.59	1.23	101.88	ppb
Cadmium	108-1	1.00	1.32	1.47	1.26	18.88	ppb
Calcium	43-1	513.00	473.07	484.76	490.28	4.19	ppb
Calcium	44-1	487.56	493.76	494.38	491.90	0.77	ppb
Chromium	52-2	1.82	1.83	1.84	1.83	0.57	ppb
Cobalt	59-2	0.93	0.92	0.89	0.91	2.63	ppb
Copper	63-2	2.24	2.19	2.20	2.21	1.05	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				99		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	52.06	52.15	53.40	52.54	1.43	ppb
Iron	56-2	52.49	51.17	49.23	50.96	3.21	ppb
Iron	57-2	56.72	51.80	47.78	52.10	8.59	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.81	0.79	0.81	2.73	ppb
Lead	207-1	0.79	0.79	0.81	0.80	1.56	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 09:57:16	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.82	0.83	0.80	0.82	1.69	ppb
Lithium	6-1				105		%
Magnesium	24-2	510.02	512.42	484.16	502.20	3.12	ppb
Manganese	55-2	0.96	0.94	0.91	0.94	2.35	ppb
Molybdenum	94-1	4.90	4.90	4.92	4.90	0.19	ppb
Molybdenum	95-1	4.90	4.83	4.72	4.82	1.84	ppb
Molybdenum	96-1	4.92	4.81	4.72	4.82	2.10	ppb
Molybdenum	97-1	4.86	4.92	4.67	4.82	2.68	ppb
Molybdenum	98-1	4.77	4.77	4.75	4.76	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.83	0.88	0.90	9.87	ppb
Phosphorus	31-2	5.92	-1.14	2.09	2.29	154.24	ppb
Potassium	39-2	498.82	503.21	493.13	498.39	1.01	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	82-1	5.17	5.15	6.04	5.46	9.37	ppb
Selenium	77-2	3.25	6.78	5.16	5.07	34.94	ppb
Selenium	78-2	3.69	4.66	4.11	4.15	11.65	ppb
Silicon	28-1	-2.27	-2.20	-1.48	-1.98		ppb
Silver	109-1	1.00	0.97	1.06	1.01	4.54	ppb
Silver	107-1	0.97	0.96	1.01	0.98	2.62	ppb
Sodium	23-2	524.06	521.01	517.05	520.70	0.68	ppb
Strontium	86-1	0.93	0.87	0.96	0.92	4.88	ppb
Strontium	88-1	0.94	0.92	0.96	0.94	1.92	ppb
Sulfur	34-1	-489.24	-606.79	-527.73	-541.25		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.91	0.87	0.84	0.87	4.53	ppb
Thallium	205-1	0.91	0.87	0.85	0.88	3.11	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.64	4.74	4.89	4.76	2.66	ppb
Titanium	47-1	4.48	4.73	4.57	4.59	2.72	ppb
Uranium	238-1	0.77	0.78	0.80	0.78	2.11	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 09:57:16	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.52	4.47	4.40	4.46	1.30	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	2.11	2.05	2.13	2.10	2.08	ppb
Zirconium	90-1	1.01	0.90	0.97	0.96	5.64	ppb
Zirconium	91-1	0.93	1.05	0.78	0.92	14.58	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:00:46	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1077.76	1081.57	1047.25	1068.86	1.76	ppb
Antimony	121-1	52.41	52.99	51.32	52.24	1.62	ppb
Arsenic	75-2	51.60	50.93	49.89	50.81	1.69	ppb
Barium	135-1	259.05	261.36	254.67	258.36	1.32	ppb
Barium	137-1	263.13	263.55	256.48	261.05	1.52	ppb
Beryllium	9-1	52.04	51.55	51.09	51.56	0.93	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	48.37	54.49	50.19	51.02	6.17	ppb
Boron	11-1	48.98	50.21	48.99	49.39	1.44	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	53.14	54.17	53.24	53.52	1.06	ppb
Cadmium	106-1	53.73	55.44	48.83	52.67	6.51	ppb
Cadmium	108-1	53.20	55.48	53.17	53.95	2.46	ppb
Calcium	43-1	5548.49	5559.04	5600.75	5569.43	0.50	ppb
Calcium	44-1	5469.36	5464.75	5537.68	5490.60	0.74	ppb
Chromium	52-2	51.10	50.13	48.71	49.98	2.41	ppb
Cobalt	59-2	51.54	50.79	49.70	50.68	1.82	ppb
Copper	63-2	525.55	517.43	511.75	518.24	1.34	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				102		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	2897.41	2832.57	2778.69	2836.23	2.10	ppb
Iron	56-2	2644.80	2619.10	2541.84	2601.91	2.06	ppb
Iron	57-2	2815.96	2766.55	2714.10	2765.54	1.84	ppb
Krypton	83-1						cps
Lead	206-1	230.95	231.66	224.13	228.91	1.82	ppb
Lead	207-1	230.48	230.91	220.53	227.31	2.59	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:00:46	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	231.56	232.39	224.72	229.56	1.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	5709.60	5604.66	5559.25	5624.50	1.37	ppb
Manganese	55-2	525.75	520.88	508.81	518.48	1.68	ppb
Molybdenum	94-1	266.13	267.40	260.84	264.79	1.31	ppb
Molybdenum	95-1	260.80	269.45	261.81	264.02	1.79	ppb
Molybdenum	96-1	262.12	268.76	260.21	263.70	1.70	ppb
Molybdenum	97-1	259.68	268.00	259.92	262.54	1.80	ppb
Molybdenum	98-1	260.07	268.30	257.99	262.12	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.08	51.36	49.81	51.08	2.27	ppb
Phosphorus	31-2	1083.88	1028.28	1007.28	1039.81	3.81	ppb
Potassium	39-2	2811.97	2819.60	2773.79	2801.79	0.88	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	82-1	52.46	54.04	50.80	52.43	3.09	ppb
Selenium	77-2	56.50	46.69	43.57	48.92	13.79	ppb
Selenium	78-2	53.13	51.48	46.80	50.47	6.51	ppb
Silicon	28-1	47.65	48.43	52.66	49.58	5.43	ppb
Silver	109-1	55.85	57.34	54.88	56.02	2.21	ppb
Silver	107-1	55.37	55.93	54.91	55.40	0.92	ppb
Sodium	23-2	5788.61	5750.22	5689.17	5742.67	0.87	ppb
Strontium	86-1	50.73	50.47	50.60	50.60	0.26	ppb
Strontium	88-1	52.35	52.65	52.24	52.41	0.41	ppb
Sulfur	34-1	632.90	592.93	869.74	698.53	21.42	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	48.72	47.69	47.57	47.99	1.31	ppb
Thallium	205-1	47.63	47.41	46.08	47.04	1.79	ppb
Thorium	232-1	42.57	42.34	41.72	42.21	1.04	ppb
Tin	118-1	53.48	54.01	51.91	53.14	2.06	ppb
Titanium	47-1	257.02	253.18	263.90	258.03	2.11	ppb
Uranium	238-1	42.88	43.72	42.43	43.01	1.53	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:00:46	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.38	50.01	48.89	49.76	1.56	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	510.37	509.92	502.87	507.72	0.83	ppb
Zirconium	90-1	52.39	52.77	51.58	52.25	1.17	ppb
Zirconium	91-1	50.23	51.43	49.35	50.34	2.07	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:04:27 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2647.50	2609.54	2549.40	2602.15	1.90	ppb
Antimony	121-1	129.97	128.36	127.40	128.58	1.01	ppb
Arsenic	75-2	126.51	125.22	120.21	123.98	2.68	ppb
Barium	135-1	644.49	634.42	634.63	637.85	0.90	ppb
Barium	137-1	636.81	635.31	625.84	632.65	0.94	ppb
Beryllium	9-1	127.23	126.66	126.99	126.96	0.22	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	120.86	122.20	121.55	121.54	0.55	ppb
Boron	11-1	120.24	123.75	122.59	122.19	1.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	134.41	132.14	131.58	132.71	1.13	ppb
Cadmium	106-1	135.36	133.36	129.92	132.88	2.07	ppb
Cadmium	108-1	129.82	129.80	131.59	130.40	0.79	ppb
Calcium	43-1	13597.90	13415.62	13422.71	13478.74	0.77	ppb
Calcium	44-1	12358.57	12175.12	12224.95	12252.88	0.77	ppb
Chromium	52-2	125.42	123.28	120.70	123.13	1.92	ppb
Cobalt	59-2	125.59	123.60	121.49	123.56	1.66	ppb
Copper	63-2	1273.41	1256.31	1239.26	1256.33	1.36	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				102		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	7087.78	6993.71	6900.70	6994.06	1.34	ppb
Iron	56-2	6496.87	6384.09	6240.32	6373.76	2.02	ppb
Iron	57-2	6931.44	6848.54	6697.92	6825.96	1.73	ppb
Krypton	83-1						cps
Lead	206-1	570.10	573.09	575.03	572.74	0.43	ppb
Lead	207-1	570.14	568.73	565.67	568.18	0.40	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:04:27 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	599.78	603.73	595.12	599.54	0.72	ppb
Lithium	6-1				104		%
Magnesium	24-2	13812.65	13661.41	13494.33	13656.13	1.17	ppb
Manganese	55-2	1289.81	1270.24	1248.12	1269.39	1.64	ppb
Molybdenum	94-1	643.40	650.71	641.33	645.15	0.76	ppb
Molybdenum	95-1	644.86	650.41	643.41	646.23	0.57	ppb
Molybdenum	96-1	645.57	646.12	642.98	644.89	0.26	ppb
Molybdenum	97-1	645.23	650.10	645.69	647.01	0.42	ppb
Molybdenum	98-1	649.55	652.88	647.94	650.12	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.34	123.76	122.22	123.77	1.26	ppb
Phosphorus	31-2	2569.93	2548.66	2529.98	2549.52	0.78	ppb
Potassium	39-2	6884.14	6871.87	6805.20	6853.74	0.62	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	128.39	130.68	129.52	129.53	0.88	ppb
Selenium	77-2	129.84	131.35	121.91	127.70	3.97	ppb
Selenium	78-2	129.83	132.04	118.17	126.68	5.89	ppb
Silicon	28-1	129.04	131.54	136.51	132.36	2.87	ppb
Silver	109-1	137.58	135.86	135.45	136.30	0.83	ppb
Silver	107-1	136.06	136.16	135.51	135.91	0.26	ppb
Sodium	23-2	12892.65	12766.49	12759.20	12806.11	0.59	ppb
Strontium	86-1	127.00	125.25	126.27	126.18	0.70	ppb
Strontium	88-1	128.64	128.57	128.58	128.59	0.03	ppb
Sulfur	34-1	2067.29	1935.41	2024.63	2009.11	3.35	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	119.07	119.09	120.78	119.65	0.82	ppb
Thallium	205-1	117.80	117.34	117.82	117.65	0.23	ppb
Thorium	232-1	107.51	107.12	106.23	106.95	0.61	ppb
Tin	118-1	131.31	129.87	130.05	130.41	0.60	ppb
Titanium	47-1	635.33	627.26	629.17	630.59	0.67	ppb
Uranium	238-1	109.27	108.83	107.29	108.46	0.96	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:04:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	123.76	122.37	120.11	122.08	1.51	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	1264.80	1250.34	1218.19	1244.44	1.92	ppb
Zirconium	90-1	127.62	129.68	127.43	128.25	0.97	ppb
Zirconium	91-1	122.69	125.59	123.41	123.89	1.22	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:07:55 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5135.60	5221.39	5128.14	5161.71	1.00	ppb
Antimony	121-1	247.78	263.38	257.14	256.10	3.07	ppb
Arsenic	75-2	249.04	247.01	242.93	246.33	1.26	ppb
Barium	135-1	1228.93	1313.08	1273.40	1271.80	3.31	ppb
Barium	137-1	1229.89	1300.55	1286.15	1272.20	2.93	ppb
Beryllium	9-1	243.60	260.96	258.89	254.48	3.73	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	237.56	252.67	249.12	246.45	3.21	ppb
Boron	11-1	234.93	252.98	252.82	246.91	4.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	250.32	266.30	262.58	259.73	3.22	ppb
Cadmium	106-1	251.26	265.08	263.07	259.81	2.87	ppb
Cadmium	108-1	251.74	267.86	256.05	258.55	3.23	ppb
Calcium	43-1	26115.11	28234.83	27746.00	27365.31	4.06	ppb
Calcium	44-1	24196.22	25933.46	25468.82	25199.50	3.57	ppb
Chromium	52-2	249.83	251.03	247.39	249.42	0.75	ppb
Cobalt	59-2	248.43	251.41	248.05	249.30	0.74	ppb
Copper	63-2	2493.90	2513.06	2494.70	2500.55	0.43	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				101		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	14117.40	14220.81	13956.55	14098.26	0.94	ppb
Iron	56-2	12912.36	13159.38	12972.86	13014.87	0.99	ppb
Iron	57-2	13749.15	13833.37	13693.17	13758.56	0.51	ppb
Krypton	83-1						cps
Lead	206-1	1201.68	1287.46	1238.58	1242.57	3.46	ppb
Lead	207-1	1203.08	1282.80	1232.07	1239.32	3.26	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:07:55	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1205.29	1277.71	1258.22	1247.07	3.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	25428.38	25902.09	25482.38	25604.28	1.01	ppb
Manganese	55-2	2560.89	2600.86	2553.97	2571.91	0.98	ppb
Molybdenum	94-1	1261.64	1352.63	1315.90	1310.06	3.49	ppb
Molybdenum	95-1	1251.50	1346.17	1299.13	1298.93	3.64	ppb
Molybdenum	96-1	1224.28	1307.30	1256.18	1262.59	3.32	ppb
Molybdenum	97-1	1256.75	1336.90	1306.58	1300.08	3.11	ppb
Molybdenum	98-1	1214.53	1277.07	1252.78	1248.13	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.33	253.73	250.66	251.57	0.74	ppb
Phosphorus	31-2	4969.08	4963.98	5062.60	4998.55	1.11	ppb
Potassium	39-2	13640.06	13771.98	13630.84	13680.96	0.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	82-1	245.75	268.06	257.00	256.94	4.34	ppb
Selenium	77-2	246.20	262.12	255.44	254.59	3.14	ppb
Selenium	78-2	254.97	251.84	248.16	251.66	1.35	ppb
Silicon	28-1	248.88	276.33	287.56	270.93	7.35	ppb
Silver	109-1	260.28	271.21	269.58	267.02	2.21	ppb
Silver	107-1	258.34	274.43	267.08	266.62	3.02	ppb
Sodium	23-2	25813.60	26193.77	25690.76	25899.38	1.01	ppb
Strontium	86-1	243.76	261.31	258.87	254.65	3.73	ppb
Strontium	88-1	241.36	259.96	256.06	252.46	3.88	ppb
Sulfur	34-1	3942.52	5183.98	5109.33	4745.28	14.67	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	231.59	245.79	245.81	241.06	3.40	ppb
Thallium	205-1	228.22	242.40	239.35	236.66	3.15	ppb
Thorium	232-1	237.14	252.92	248.29	246.12	3.30	ppb
Tin	118-1	247.87	265.05	256.51	256.48	3.35	ppb
Titanium	47-1	1226.18	1307.23	1304.14	1279.18	3.59	ppb
Uranium	238-1	238.16	252.22	249.35	246.58	3.01	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:07:55	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	246.33	250.59	246.50	247.81	0.97	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	2513.05	2536.76	2497.28	2515.70	0.79	ppb
Zirconium	90-1	248.28	265.38	261.73	258.46	3.48	ppb
Zirconium	91-1	241.81	259.81	252.43	251.35	3.60	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:11:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12107.48	10520.82	10354.03	10994.11	8.80	ppb
Antimony	121-1	508.57	513.07	497.23	506.29	1.61	ppb
Arsenic	75-2	570.28	499.85	497.16	522.43	7.94	ppb
Barium	135-1	2542.23	2516.30	2487.32	2515.28	1.09	ppb
Barium	137-1	2539.98	2511.77	2518.19	2523.31	0.59	ppb
Beryllium	9-1	505.21	501.39	496.57	501.06	0.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	487.98	498.46	485.83	490.76	1.38	ppb
Boron	11-1	496.46	498.93	491.63	495.67	0.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	509.69	511.97	507.61	509.76	0.43	ppb
Cadmium	106-1	508.69	514.40	503.09	508.73	1.11	ppb
Cadmium	108-1	507.75	516.61	498.08	507.48	1.83	ppb
Calcium	43-1	53860.11	55611.38	54169.59	54547.03	1.71	ppb
Calcium	44-1	49445.73	49785.06	49438.07	49556.29	0.40	ppb
Chromium	52-2	577.72	502.75	497.51	525.99	8.53	ppb
Cobalt	59-2	576.82	508.65	499.90	528.46	7.97	ppb
Copper	63-2	5792.15	5061.42	4956.69	5270.09	8.64	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				95		%
Indium	115-1				103		%
Indium	115-2				90		%
Iron	54-2	32914.66	28663.62	28327.90	29968.73	8.53	ppb
Iron	56-2	30442.07	26746.85	26245.48	27811.46	8.24	ppb
Iron	57-2	32141.30	27864.54	27682.48	29229.44	8.63	ppb
Krypton	83-1						cps
Lead	206-1	2522.28	2501.33	2425.25	2482.95	2.06	ppb
Lead	207-1	2511.53	2484.22	2480.02	2491.93	0.69	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:11:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2509.46	2503.43	2475.59	2496.16	0.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	58252.56	51746.89	50571.76	53523.74	7.73	ppb
Manganese	55-2	5767.33	5032.55	4934.82	5244.90	8.68	ppb
Molybdenum	94-1	2524.77	2469.51	2450.37	2481.55	1.56	ppb
Molybdenum	95-1	2532.17	2483.99	2424.48	2480.21	2.17	ppb
Molybdenum	96-1	2525.48	2483.51	2428.26	2479.08	1.97	ppb
Molybdenum	97-1	2501.99	2523.37	2425.98	2483.78	2.06	ppb
Molybdenum	98-1	2541.29	2503.32	2440.47	2495.03	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	580.80	505.09	504.11	530.00	8.30	ppb
Phosphorus	31-2	11356.69	10170.86	9952.06	10493.20	7.20	ppb
Potassium	39-2	28581.99	25078.93	24906.52	26189.15	7.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				89		%
Scandium	45-1				99		%
Scandium	45-2				86		%
Selenium	82-1	508.04	506.07	500.43	504.85	0.78	ppb
Selenium	77-2	554.88	525.32	492.04	524.08	6.00	ppb
Selenium	78-2	569.57	498.58	501.86	523.34	7.66	ppb
Silicon	28-1	518.27	542.45	537.41	532.71	2.40	ppb
Silver	109-1	520.01	522.47	513.11	518.53	0.94	ppb
Silver	107-1	514.72	519.71	512.00	515.48	0.76	ppb
Sodium	23-2	59213.48	52380.62	51582.17	54392.09	7.71	ppb
Strontium	86-1	502.15	503.64	496.09	500.63	0.80	ppb
Strontium	88-1	503.28	503.81	493.86	500.32	1.12	ppb
Sulfur	34-1	9439.62	9817.22	9337.73	9531.52	2.65	ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	487.11	482.29	475.41	481.60	1.22	ppb
Thallium	205-1	507.10	503.57	487.12	499.26	2.14	ppb
Thorium	232-1	497.17	494.76	491.97	494.63	0.53	ppb
Tin	118-1	506.34	521.00	499.62	508.99	2.15	ppb
Titanium	47-1	2538.40	2583.79	2552.93	2558.38	0.91	ppb
Uranium	238-1	502.20	499.66	488.95	496.94	1.42	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:11:19	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	573.89	501.79	498.96	524.88	8.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	5831.72	5072.12	5012.68	5305.51	8.61	ppb
Zirconium	90-1	509.29	500.47	489.52	499.76	1.98	ppb
Zirconium	91-1	502.59	500.97	489.81	497.79	1.40	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:14:39	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20474.03	20654.95	20315.43	20481.47	0.83	ppb
Antimony	121-1	980.00	996.49	1007.82	994.77	1.41	ppb
Arsenic	75-2	995.84	986.57	986.96	989.79	0.53	ppb
Barium	135-1	4904.18	5030.38	5020.10	4984.89	1.41	ppb
Barium	137-1	4999.86	4923.49	5020.51	4981.29	1.03	ppb
Beryllium	9-1	998.47	999.69	995.93	998.03	0.19	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	10-1	999.22	1010.80	1007.92	1005.98	0.60	ppb
Boron	11-1	985.03	1012.60	1012.57	1003.40	1.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	977.35	1000.47	996.83	991.55	1.25	ppb
Cadmium	106-1	981.47	988.74	1005.99	992.07	1.27	ppb
Cadmium	108-1	988.42	995.60	995.73	993.25	0.42	ppb
Calcium	43-1	108075.73	107789.79	108636.14	108167.22	0.40	ppb
Calcium	44-1	99532.85	97876.29	99194.10	98867.75	0.89	ppb
Chromium	52-2	984.80	992.40	984.95	987.38	0.44	ppb
Cobalt	59-2	987.27	984.98	986.03	986.09	0.12	ppb
Copper	63-2	9792.87	9885.35	9911.12	9863.12	0.63	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				98		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	54-2	52330.42	53087.90	52241.45	52553.25	0.89	ppb
Iron	56-2	51862.56	52053.23	51944.34	51953.38	0.18	ppb
Iron	57-2	54504.74	54762.24	54619.03	54628.67	0.24	ppb
Krypton	83-1						cps
Lead	206-1	4911.14	5140.49	5002.28	5017.97	2.30	ppb
Lead	207-1	4973.73	5053.81	5017.29	5014.94	0.80	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:14:39	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4959.99	5038.90	5021.68	5006.86	0.83	ppb
Lithium	6-1				94		%
Magnesium	24-2	101304.91	101463.52	99749.92	100839.45	0.94	ppb
Manganese	55-2	9856.82	9875.77	9836.08	9856.22	0.20	ppb
Molybdenum	94-1	4976.03	4991.45	5005.39	4990.95	0.29	ppb
Molybdenum	95-1	4954.36	5048.69	4979.87	4994.31	0.98	ppb
Molybdenum	96-1	4932.78	5105.87	4973.78	5004.14	1.81	ppb
Molybdenum	97-1	4894.94	5133.78	4947.92	4992.21	2.51	ppb
Molybdenum	98-1	4954.26	5063.85	4979.51	4999.21	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.00	982.08	986.05	984.71	0.23	ppb
Phosphorus	31-2	19946.08	19677.16	19613.50	19745.58	0.89	ppb
Potassium	39-2	49494.48	49094.65	49290.43	49293.19	0.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	82-1	989.29	1013.15	983.02	995.15	1.60	ppb
Selenium	77-2	976.30	983.00	1000.29	986.53	1.25	ppb
Selenium	78-2	990.55	972.98	999.53	987.69	1.37	ppb
Silicon	28-1	978.65	972.08	982.18	977.63	0.52	ppb
Silver	109-1	987.62	980.68	986.00	984.77	0.37	ppb
Silver	107-1	960.95	999.42	999.05	986.47	2.24	ppb
Sodium	23-2	102113.23	103178.61	100546.41	101946.08	1.30	ppb
Strontium	86-1	989.03	1011.30	994.72	998.35	1.16	ppb
Strontium	88-1	989.82	1005.62	1000.53	998.66	0.81	ppb
Sulfur	34-1	20494.32	20168.97	20459.77	20374.35	0.88	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	1001.86	1032.05	1002.69	1012.20	1.70	ppb
Thallium	205-1	986.10	1031.77	996.45	1004.77	2.38	ppb
Thorium	232-1	1003.85	1009.87	1005.18	1006.30	0.31	ppb
Tin	118-1	979.86	999.52	999.79	993.06	1.15	ppb
Titanium	47-1	5006.49	4938.41	4942.35	4962.42	0.77	ppb
Uranium	238-1	991.43	1019.82	1003.17	1004.80	1.42	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:14:39	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	991.97	989.13	984.37	988.49	0.39	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	9860.03	9846.00	9824.86	9843.63	0.18	ppb
Zirconium	90-1	990.12	1002.90	999.44	997.49	0.66	ppb
Zirconium	91-1	991.61	1015.70	995.35	1000.89	1.30	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:17:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100062.69	99620.69	99695.53	99792.97	0.24	ppb
Antimony	121-1	0.79	0.83	0.77	0.80	4.12	ppb
Arsenic	75-2	0.35	0.40	0.35	0.37	8.65	ppb
Barium	135-1	9.03	9.27	9.20	9.17	1.36	ppb
Barium	137-1	9.37	9.52	9.26	9.38	1.38	ppb
Beryllium	9-1	0.11	0.14	0.12	0.12	11.99	ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Boron	10-1	53.28	52.49	51.23	52.34	1.98	ppb
Boron	11-1	56.15	52.34	50.62	53.04	5.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.55	0.43	0.30	0.42	29.47	ppb
Cadmium	106-1	1.95	0.93	-0.76	0.70	194.52	ppb
Cadmium	108-1	0.82	0.79	0.67	0.76	10.45	ppb
Calcium	43-1	502616.86	490177.22	500496.22	497763.43	1.34	ppb
Calcium	44-1	506985.02	490812.16	502989.20	500262.13	1.68	ppb
Chromium	52-2	3.45	3.43	3.52	3.47	1.48	ppb
Cobalt	59-2	1.82	1.83	1.84	1.83	0.51	ppb
Copper	63-2	4.42	4.38	4.11	4.31	3.91	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				101		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	54-2	247190.22	249874.09	249607.48	248890.60	0.59	ppb
Iron	56-2	249882.19	249311.10	248701.67	249298.32	0.24	ppb
Iron	57-2	250881.72	249249.79	245582.51	248571.34	1.09	ppb
Krypton	83-1						cps
Lead	206-1	5.01	5.06	4.60	4.89	5.15	ppb
Lead	207-1	4.99	4.91	4.76	4.89	2.31	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:17:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4.96	5.09	4.68	4.91	4.24	ppb
Lithium	6-1				93		%
Magnesium	24-2	497912.03	503121.91	497209.18	499414.37	0.65	ppb
Manganese	55-2	8.91	8.34	8.73	8.66	3.35	ppb
Molybdenum	94-1	1.47	1.50	1.39	1.45	3.99	ppb
Molybdenum	95-1	1.34	1.45	1.27	1.35	6.82	ppb
Molybdenum	96-1	2.46	2.55	2.36	2.46	3.98	ppb
Molybdenum	97-1	1.38	1.39	1.32	1.36	2.66	ppb
Molybdenum	98-1	1.30	1.30	1.33	1.31	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.82	2.92	2.73	2.83	3.36	ppb
Phosphorus	31-2	15.33	10.83	10.94	12.37	20.76	ppb
Potassium	39-2	250956.12	249750.55	249129.21	249945.29	0.37	ppb
Rhodium	103-1				90		%
Rhodium	103-2				84		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	82-1	0.00	0.40	1.13	0.51	113.20	ppb
Selenium	77-2	0.35	0.35	0.00	0.23	86.60	ppb
Selenium	78-2	0.11	-0.74	-1.27	-0.63		ppb
Silicon	28-1	179.00	178.72	183.09	180.27	1.36	ppb
Silver	109-1	0.50	0.53	0.58	0.54	7.29	ppb
Silver	107-1	0.54	0.51	0.52	0.52	3.63	ppb
Sodium	23-2	495651.00	498908.01	502775.51	499111.51	0.71	ppb
Strontium	86-1	5.50	5.62	5.18	5.43	4.13	ppb
Strontium	88-1	5.67	5.94	5.84	5.82	2.34	ppb
Sulfur	34-1	-1497.42	-1510.10	-1245.59	-1417.71		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.07	0.08	0.09	0.08	14.42	ppb
Thallium	205-1	0.09	0.11	0.09	0.10	10.87	ppb
Thorium	232-1	0.17	0.17	0.15	0.16	7.88	ppb
Tin	118-1	0.78	0.87	0.76	0.80	6.91	ppb
Titanium	47-1	0.55	0.60	0.51	0.55	8.73	ppb
Uranium	238-1	0.12	0.12	0.12	0.12	2.24	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:17:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.24	0.23	0.23	0.23	2.15	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	26.40	26.11	25.31	25.94	2.17	ppb
Zirconium	90-1	0.27	0.29	0.32	0.30	8.48	ppb
Zirconium	91-1	0.29	0.29	0.27	0.28	4.83	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:28:11	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	530.43	533.86	541.44	535.24	1.05	ppb
Antimony	121-1	205.74	202.26	206.99	204.99	1.20	ppb
Arsenic	75-2	206.32	205.24	207.64	206.40	0.58	ppb
Barium	135-1	105.78	104.33	104.40	104.84	0.78	ppb
Barium	137-1	105.48	103.47	105.33	104.76	1.07	ppb
Beryllium	9-1	103.11	101.85	100.60	101.85	1.23	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	504.84	519.10	514.91	512.95	1.43	ppb
Boron	11-1	513.03	522.06	515.91	517.00	0.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	111.84	110.69	113.89	112.14	1.45	ppb
Cadmium	106-1	193.65	189.06	194.41	192.37	1.50	ppb
Cadmium	108-1	173.48	168.59	162.80	168.29	3.18	ppb
Calcium	43-1	2495.44	2448.12	2435.57	2459.71	1.28	ppb
Calcium	44-1	2308.61	2315.83	2321.67	2315.37	0.28	ppb
Chromium	52-2	102.45	102.58	101.85	102.29	0.38	ppb
Cobalt	59-2	104.37	104.11	104.37	104.28	0.14	ppb
Copper	63-2	110.97	110.75	110.51	110.74	0.21	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				107		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	54-2	2341.56	2329.95	2354.36	2341.96	0.52	ppb
Iron	56-2	2131.46	2126.33	2146.03	2134.61	0.48	ppb
Iron	57-2	2230.01	2219.93	2236.05	2228.66	0.37	ppb
Krypton	83-1						cps
Lead	206-1	204.24	207.53	208.43	206.74	1.07	ppb
Lead	207-1	188.84	191.95	193.37	191.39	1.21	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:28:11	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	199.34	202.20	202.25	201.26	0.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	1305.30	1314.24	1305.33	1308.29	0.39	ppb
Manganese	55-2	109.67	108.46	109.84	109.32	0.69	ppb
Molybdenum	94-1	2653.99	2616.64	2597.93	2622.85	1.09	ppb
Molybdenum	95-1	2592.24	2582.68	2561.47	2578.80	0.61	ppb
Molybdenum	96-1	2587.29	2550.91	2553.86	2564.02	0.79	ppb
Molybdenum	97-1	2568.55	2583.80	2546.88	2566.41	0.72	ppb
Molybdenum	98-1	2580.10	2587.08	2544.34	2570.51	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.09	105.54	105.29	105.31	0.21	ppb
Phosphorus	31-2	11.21	16.44	6.08	11.24	46.05	ppb
Potassium	39-2	2170.02	2181.37	2214.85	2188.75	1.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	82-1	206.77	205.47	203.83	205.36	0.72	ppb
Selenium	77-2	208.35	209.11	201.27	206.24	2.10	ppb
Selenium	78-2	206.36	209.08	205.63	207.02	0.88	ppb
Silicon	28-1	489.89	489.01	498.25	492.38	1.04	ppb
Silver	109-1	53.63	52.64	53.53	53.27	1.03	ppb
Silver	107-1	54.06	52.46	52.83	53.12	1.58	ppb
Sodium	23-2	2295.35	2295.88	2297.44	2296.22	0.05	ppb
Strontium	86-1	535.04	532.41	535.28	534.24	0.30	ppb
Strontium	88-1	540.31	536.43	530.34	535.69	0.94	ppb
Sulfur	34-1	-1286.30	-1565.22	-1389.76	-1413.76		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	210.09	210.04	213.86	211.33	1.04	ppb
Thallium	205-1	205.07	208.25	209.99	207.77	1.20	ppb
Thorium	232-1	5.06	5.16	5.11	5.11	1.01	ppb
Tin	118-1	546.99	538.99	556.79	547.59	1.63	ppb
Titanium	47-1	2706.29	2684.35	2692.09	2694.24	0.41	ppb
Uranium	238-1	533.43	538.87	543.60	538.64	0.94	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:28:11	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	99.73	99.89	98.42	99.35	0.81	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	203.76	206.75	205.48	205.33	0.73	ppb
Zirconium	90-1	534.74	528.80	531.95	531.83	0.56	ppb
Zirconium	91-1	535.11	528.15	524.57	529.28	1.01	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:38:24	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.75	21.14	18.42	20.77	10.55	ppb
Antimony	121-1	1.93	2.01	1.96	1.97	2.04	ppb
Arsenic	75-2	0.93	0.98	0.74	0.88	14.14	ppb
Barium	135-1	9.41	9.26	9.67	9.45	2.23	ppb
Barium	137-1	9.86	9.75	9.91	9.84	0.81	ppb
Beryllium	9-1	0.88	0.99	0.96	0.94	6.30	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Boron	10-1	38.06	38.58	38.47	38.37	0.71	ppb
Boron	11-1	37.75	36.99	39.98	38.24	4.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.08	1.21	1.27	1.19	7.97	ppb
Cadmium	106-1	-1.53	0.61	0.95	0.01	13211.82	ppb
Cadmium	108-1	1.19	1.44	1.05	1.23	16.29	ppb
Calcium	43-1	498.23	482.20	505.06	495.16	2.37	ppb
Calcium	44-1	509.02	505.34	523.12	512.49	1.83	ppb
Chromium	52-2	1.96	1.93	1.81	1.90	4.25	ppb
Cobalt	59-2	1.00	0.97	0.91	0.96	4.39	ppb
Copper	63-2	3.03	3.01	2.82	2.95	3.94	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				108		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	57.70	56.92	53.09	55.90	4.42	ppb
Iron	56-2	57.01	54.54	51.88	54.48	4.71	ppb
Iron	57-2	56.11	51.48	49.04	52.21	6.88	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.88	0.86	0.86	2.32	ppb
Lead	207-1	0.83	0.89	0.83	0.85	4.14	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:38:24	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.84	0.88	0.88	0.86	2.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	529.10	519.80	495.60	514.83	3.36	ppb
Manganese	55-2	1.03	1.05	0.96	1.01	5.00	ppb
Molybdenum	94-1	4.95	5.10	5.31	5.12	3.52	ppb
Molybdenum	95-1	5.02	5.05	5.21	5.09	2.08	ppb
Molybdenum	96-1	4.94	4.97	5.02	4.98	0.85	ppb
Molybdenum	97-1	4.65	4.77	5.16	4.86	5.45	ppb
Molybdenum	98-1	4.76	5.01	5.15	4.97	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.06	0.97	1.02	4.59	ppb
Phosphorus	31-2	-1.89	1.87	1.63	0.54	392.38	ppb
Potassium	39-2	529.36	514.51	502.37	515.41	2.62	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	82-1	5.49	4.11	4.88	4.83	14.29	ppb
Selenium	77-2	4.07	2.98	4.00	3.68	16.60	ppb
Selenium	78-2	3.92	4.57	3.92	4.14	9.02	ppb
Silicon	28-1	2.74	-0.04	2.81	1.84	88.44	ppb
Silver	109-1	1.09	1.06	1.15	1.10	4.40	ppb
Silver	107-1	1.08	1.02	1.11	1.07	4.19	ppb
Sodium	23-2	579.23	558.73	532.02	556.66	4.25	ppb
Strontium	86-1	0.81	0.96	1.11	0.96	15.61	ppb
Strontium	88-1	0.99	0.99	1.00	0.99	0.69	ppb
Sulfur	34-1	-1328.97	-1412.00	-1226.83	-1322.60		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.89	0.95	0.94	0.93	3.57	ppb
Thallium	205-1	0.87	0.90	0.88	0.88	1.77	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	20.03	ppb
Tin	118-1	4.92	4.95	5.00	4.95	0.80	ppb
Titanium	47-1	4.76	4.53	5.21	4.83	7.13	ppb
Uranium	238-1	0.76	0.81	0.83	0.80	4.33	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:38:24	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.82	4.57	4.38	4.59	4.78	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	2.03	1.76	2.13	1.97	9.62	ppb
Zirconium	90-1	0.99	1.03	1.00	1.01	2.37	ppb
Zirconium	91-1	1.01	0.92	1.00	0.97	4.86	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:43:43 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.27	0.20	0.20	32.97	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	48.44	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.01	0.01	0.02	0.01	34.16	ppb
Barium	137-1	0.01	0.00	0.01	0.01	38.50	ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	131.52	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Boron	10-1	12.64	10.04	10.88	11.19	11.85	ppb
Boron	11-1	11.52	11.56	11.74	11.60	1.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	-0.09	-0.03	-0.08		ppb
Cadmium	106-1	-1.64	-1.18	-0.29	-1.04		ppb
Cadmium	108-1	0.09	-0.01	0.12	0.06	104.65	ppb
Calcium	43-1	0.47	-0.76	-1.98	-0.76		ppb
Calcium	44-1	-2.25	-3.93	-3.41	-3.20		ppb
Chromium	52-2	0.01	0.01	0.01	0.01	13.44	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	9.70	ppb
Copper	63-2	0.49	0.57	0.58	0.55	8.74	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				99		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	54-2	-0.58	-0.19	-0.50	-0.42		ppb
Iron	56-2	0.28	0.26	0.15	0.23	31.22	ppb
Iron	57-2	-0.74	1.15	-0.37	0.01	8301.27	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.02	12.64	ppb
Lead	207-1	0.02	0.03	0.02	0.03	14.36	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:43:43	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.02	0.03	0.02	0.02	5.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.93	0.83	0.70	0.82	14.49	ppb
Manganese	55-2	0.05	0.06	0.06	0.06	9.73	ppb
Molybdenum	94-1	0.05	0.06	0.03	0.05	37.32	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.04	21.57	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	18.01	ppb
Molybdenum	97-1	0.05	0.03	0.03	0.03	30.95	ppb
Molybdenum	98-1	0.02	0.02	0.04	0.03	38.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	-2.28	7.11	-1.34	1.17	443.29	ppb
Potassium	39-2	-4.38	-1.85	-2.65	-2.96		ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	82-1	0.10	-0.34	-0.30	-0.18		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.47	-0.66	-0.92	-1.02		ppb
Silicon	28-1	-10.89	-8.90	-7.47	-9.09		ppb
Silver	109-1	0.04	0.05	0.05	0.05	17.17	ppb
Silver	107-1	0.06	0.05	0.05	0.05	10.77	ppb
Sodium	23-2	18.72	16.94	17.56	17.74	5.08	ppb
Strontium	86-1	-0.03	-0.06	-0.04	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	27.45	ppb
Sulfur	34-1	-1258.70	-983.59	-1035.87	-1092.72		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	107.79	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	76.88	ppb
Tin	118-1	0.08	0.06	0.05	0.06	25.81	ppb
Titanium	47-1	0.07	-0.04	0.10	0.04	182.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.44	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:43:43	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	141.26	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	0.27	0.16	0.28	0.23	27.50	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	116.37	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	109.32	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:47:14 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87214.11	85994.95	86761.96	86657.01	0.71	ppb
Antimony	121-1	1.13	1.11	1.12	1.12	0.99	ppb
Arsenic	75-2	0.30	0.31	0.32	0.31	3.76	ppb
Barium	135-1	1.45	1.50	1.40	1.45	3.69	ppb
Barium	137-1	1.38	1.35	1.31	1.35	2.83	ppb
Beryllium	9-1	0.28	0.27	0.26	0.27	3.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				91		%
Boron	10-1	11.15	10.91	9.73	10.60	7.14	ppb
Boron	11-1	10.10	10.56	10.70	10.45	3.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.38	0.26	0.20	0.28	33.28	ppb
Cadmium	106-1	-1.79	-2.23	-1.74	-1.92		ppb
Cadmium	108-1	13.14	13.03	14.62	13.60	6.55	ppb
Calcium	43-1	98190.07	98360.22	97891.93	98147.41	0.24	ppb
Calcium	44-1	92592.08	91643.49	90357.26	91530.94	1.23	ppb
Chromium	52-2	18.86	18.99	18.94	18.93	0.34	ppb
Cobalt	59-2	1.13	1.13	1.16	1.14	1.34	ppb
Copper	63-2	9.01	8.48	8.71	8.73	3.05	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				107		%
Indium	115-2				96		%
Iron	54-2	98762.61	97384.82	97849.66	97999.03	0.72	ppb
Iron	56-2	98548.49	97657.57	98422.99	98209.68	0.49	ppb
Iron	57-2	97856.52	95722.07	96990.77	96856.45	1.11	ppb
Krypton	83-1						cps
Lead	206-1	3.99	3.91	3.96	3.95	0.96	ppb
Lead	207-1	3.38	3.37	3.45	3.40	1.26	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:47:14	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	3.62	3.63	3.68	3.65	0.88	ppb
Lithium	6-1				95		%
Magnesium	24-2	92665.03	91700.75	90982.82	91782.87	0.92	ppb
Manganese	55-2	7.29	7.08	7.23	7.20	1.46	ppb
Molybdenum	94-1	1306.32	1306.02	1292.78	1301.70	0.59	ppb
Molybdenum	95-1	1794.41	1777.56	1781.95	1784.64	0.49	ppb
Molybdenum	96-1	1729.83	1721.78	1734.00	1728.54	0.36	ppb
Molybdenum	97-1	1859.97	1863.50	1856.47	1859.98	0.19	ppb
Molybdenum	98-1	1771.75	1816.37	1803.05	1797.06	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.91	5.13	5.07	5.04	2.27	ppb
Phosphorus	31-2	91225.27	90661.41	91167.81	91018.16	0.34	ppb
Potassium	39-2	92712.42	92903.09	93092.13	92902.55	0.20	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	82-1	0.29	0.39	0.30	0.33	17.10	ppb
Selenium	77-2	0.00	0.00	0.67	0.22	173.21	ppb
Selenium	78-2	-0.33	-0.73	-0.41	-0.49		ppb
Silicon	28-1	3.63	3.81	2.17	3.20	28.19	ppb
Silver	109-1	0.13	0.14	0.10	0.12	13.68	ppb
Silver	107-1	0.13	0.10	0.11	0.11	14.65	ppb
Sodium	23-2	96561.56	96209.73	95634.72	96135.34	0.49	ppb
Strontium	86-1	31.59	32.19	32.03	31.94	0.96	ppb
Strontium	88-1	32.45	32.93	32.87	32.75	0.80	ppb
Sulfur	34-1	95737.38	94320.96	94486.09	94848.14	0.82	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.02	0.01	67.33	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.49	ppb
Thorium	232-1	0.00	0.01	0.01	0.00	37.02	ppb
Tin	118-1	0.22	0.23	0.25	0.23	7.72	ppb
Titanium	47-1	1902.26	1890.69	1879.09	1890.68	0.61	ppb
Uranium	238-1	0.01	0.01	0.02	0.02	21.84	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:47:14	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.13	0.14	0.16	0.14	7.43	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	11.44	11.06	11.12	11.21	1.81	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	27.51	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	29.72	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:50:40	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87643.94	86543.34	85165.13	86450.81	1.44	ppb
Antimony	121-1	19.81	20.56	20.07	20.15	1.89	ppb
Arsenic	75-2	19.38	19.38	19.29	19.35	0.26	ppb
Barium	135-1	19.63	20.12	20.72	20.16	2.69	ppb
Barium	137-1	21.07	20.55	20.93	20.85	1.30	ppb
Beryllium	9-1	19.65	18.75	19.21	19.20	2.34	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	71.56	71.00	75.47	72.68	3.35	ppb
Boron	11-1	74.70	74.18	73.87	74.25	0.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.97	19.83	19.61	19.80	0.91	ppb
Cadmium	106-1	22.30	23.95	22.92	23.06	3.62	ppb
Cadmium	108-1	35.30	36.19	33.97	35.15	3.18	ppb
Calcium	43-1	97662.35	98730.53	99696.74	98696.54	1.03	ppb
Calcium	44-1	90875.66	91669.95	91332.71	91292.78	0.44	ppb
Chromium	52-2	37.69	37.03	37.38	37.37	0.89	ppb
Cobalt	59-2	20.13	20.18	20.00	20.10	0.46	ppb
Copper	63-2	28.75	28.35	27.60	28.23	2.06	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				112		%
Holmium	165-2				100		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	54-2	95984.36	96995.89	95479.33	96153.19	0.80	ppb
Iron	56-2	96011.31	97030.33	95100.27	96047.31	1.01	ppb
Iron	57-2	96474.50	95887.90	95304.29	95888.89	0.61	ppb
Krypton	83-1						cps
Lead	206-1	21.14	20.59	21.49	21.07	2.15	ppb
Lead	207-1	19.36	18.68	19.40	19.15	2.12	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:50:40	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	20.21	19.72	20.23	20.06	1.44	ppb
Lithium	6-1				96		%
Magnesium	24-2	90670.52	92117.74	88611.80	90466.69	1.95	ppb
Manganese	55-2	26.27	26.26	25.67	26.07	1.33	ppb
Molybdenum	94-1	1440.33	1432.98	1420.38	1431.23	0.71	ppb
Molybdenum	95-1	1853.15	1877.18	1837.56	1855.96	1.08	ppb
Molybdenum	96-1	1777.96	1831.12	1769.00	1792.69	1.87	ppb
Molybdenum	97-1	1928.78	1926.26	1889.23	1914.76	1.16	ppb
Molybdenum	98-1	1892.93	1852.21	1834.44	1859.86	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.15	24.02	23.40	23.86	1.67	ppb
Phosphorus	31-2	91134.93	90888.43	89307.00	90443.46	1.10	ppb
Potassium	39-2	92511.10	92770.95	90893.40	92058.49	1.11	ppb
Rhodium	103-1				105		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	82-1	19.74	19.05	19.43	19.41	1.78	ppb
Selenium	77-2	16.72	22.41	19.06	19.40	14.76	ppb
Selenium	78-2	18.85	18.60	18.04	18.50	2.24	ppb
Silicon	28-1	51.69	52.45	56.54	53.56	4.86	ppb
Silver	109-1	19.04	19.25	18.80	19.03	1.18	ppb
Silver	107-1	18.85	18.93	18.90	18.89	0.22	ppb
Sodium	23-2	94971.65	97242.15	95003.41	95739.07	1.36	ppb
Strontium	86-1	87.24	87.93	87.37	87.51	0.42	ppb
Strontium	88-1	90.47	90.86	89.40	90.24	0.83	ppb
Sulfur	34-1	93677.35	94496.32	95933.65	94702.44	1.21	ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	18.87	18.05	19.05	18.66	2.86	ppb
Thallium	205-1	18.80	17.89	18.39	18.36	2.49	ppb
Thorium	232-1	0.52	0.52	0.56	0.53	3.65	ppb
Tin	118-1	56.95	57.03	57.49	57.16	0.51	ppb
Titanium	47-1	1963.47	1955.98	1986.81	1968.75	0.82	ppb
Uranium	238-1	49.80	47.04	50.00	48.95	3.38	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:50:40	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	18.79	18.67	18.62	18.69	0.45	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	30.12	31.33	29.55	30.33	3.00	ppb
Zirconium	90-1	58.18	58.59	57.83	58.20	0.66	ppb
Zirconium	91-1	56.05	56.59	55.62	56.08	0.87	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:58:43	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42978.04	43387.60	44099.89	43488.51	1.31	ppb
Antimony	121-1	481.47	480.27	482.04	481.26	0.19	ppb
Arsenic	75-2	477.97	476.53	472.23	475.57	0.63	ppb
Barium	135-1	2396.00	2364.45	2384.16	2381.54	0.67	ppb
Barium	137-1	2428.48	2383.81	2431.01	2414.43	1.10	ppb
Beryllium	9-1	480.25	492.66	491.59	488.17	1.41	ppb
Bismuth	209-1				99		%
Bismuth	209-2				86		%
Boron	10-1	473.95	483.28	481.40	479.55	1.03	ppb
Boron	11-1	478.44	489.96	485.44	484.61	1.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	475.10	475.24	472.24	474.19	0.36	ppb
Cadmium	106-1	479.96	477.94	475.31	477.73	0.49	ppb
Cadmium	108-1	473.71	480.66	482.30	478.89	0.95	ppb
Calcium	43-1	237897.99	236049.26	232154.47	235367.24	1.25	ppb
Calcium	44-1	236667.38	232583.78	233397.25	234216.14	0.92	ppb
Chromium	52-2	473.84	477.08	468.81	473.24	0.88	ppb
Cobalt	59-2	467.51	468.13	462.62	466.09	0.65	ppb
Copper	63-2	4973.02	4982.26	4881.08	4945.45	1.13	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				107		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	54-2	117122.87	118265.03	116535.85	117307.92	0.75	ppb
Iron	56-2	118142.21	119354.47	117074.96	118190.55	0.96	ppb
Iron	57-2	117163.73	118009.04	116664.97	117279.24	0.58	ppb
Krypton	83-1						cps
Lead	206-1	2417.60	2392.45	2392.82	2400.95	0.60	ppb
Lead	207-1	2400.71	2392.55	2422.10	2405.12	0.63	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:58:43	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2426.48	2405.72	2432.37	2421.52	0.58	ppb
Lithium	6-1				91		%
Magnesium	24-2	234522.20	233577.04	237087.74	235062.33	0.77	ppb
Manganese	55-2	4732.39	4787.70	4680.91	4733.67	1.13	ppb
Molybdenum	94-1	2422.48	2426.01	2384.65	2411.05	0.95	ppb
Molybdenum	95-1	2434.40	2403.72	2389.27	2409.13	0.96	ppb
Molybdenum	96-1	2428.70	2392.17	2400.34	2407.07	0.80	ppb
Molybdenum	97-1	2425.64	2391.26	2399.87	2405.59	0.74	ppb
Molybdenum	98-1	2398.02	2396.15	2375.53	2389.90	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.43	460.98	459.70	461.70	0.53	ppb
Phosphorus	31-2	9497.91	9545.35	9599.75	9547.67	0.53	ppb
Potassium	39-2	116197.72	117424.54	116574.87	116732.37	0.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				90		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	82-1	487.71	481.42	478.98	482.71	0.93	ppb
Selenium	77-2	509.91	485.86	465.22	486.99	4.59	ppb
Selenium	78-2	498.26	478.02	477.08	484.46	2.47	ppb
Silicon	28-1	576.93	583.54	591.86	584.11	1.28	ppb
Silver	109-1	482.78	480.72	484.99	482.83	0.44	ppb
Silver	107-1	479.65	478.77	481.42	479.94	0.28	ppb
Sodium	23-2	240314.59	238774.52	240973.38	240020.83	0.47	ppb
Strontium	86-1	490.07	481.32	476.29	482.56	1.44	ppb
Strontium	88-1	484.13	483.70	481.47	483.10	0.30	ppb
Sulfur	34-1	7991.21	7561.35	7558.36	7703.64	3.23	ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	461.75	457.95	466.44	462.04	0.92	ppb
Thallium	205-1	488.16	476.13	483.97	482.75	1.26	ppb
Thorium	232-1	473.44	480.35	476.88	476.89	0.72	ppb
Tin	118-1	488.95	484.87	485.22	486.35	0.46	ppb
Titanium	47-1	2443.84	2409.81	2411.11	2421.59	0.80	ppb
Uranium	238-1	484.64	479.21	489.83	484.56	1.10	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:58:43	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	475.52	479.93	475.25	476.90	0.55	ppb
Yttrium	89-1				104		%
Yttrium	89-2				95		%
Zinc	66-2	5118.83	5152.66	5111.72	5127.73	0.43	ppb
Zirconium	90-1	482.28	483.22	481.23	482.24	0.21	ppb
Zirconium	91-1	480.99	484.52	468.43	477.98	1.77	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:09:49	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	1.13	1.11	1.02	16.96	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	23.56	ppb
Arsenic	75-2	0.02	0.01	-0.01	0.00	281.07	ppb
Barium	135-1	0.01	0.03	0.01	0.02	57.65	ppb
Barium	137-1	0.04	0.02	0.01	0.02	61.85	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	89.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				91		%
Boron	10-1	8.08	9.39	9.01	8.83	7.67	ppb
Boron	11-1	8.56	9.18	8.27	8.67	5.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.06	-0.27	-0.13		ppb
Cadmium	106-1	-0.75	-0.63	-3.45	-1.61		ppb
Cadmium	108-1	0.04	0.06	0.01	0.04	67.68	ppb
Calcium	43-1	4.89	-2.27	-0.26	0.78	470.72	ppb
Calcium	44-1	-0.19	0.15	-1.93	-0.66		ppb
Chromium	52-2	0.06	0.00	0.03	0.03	105.73	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	15.36	ppb
Copper	63-2	0.80	0.77	0.73	0.77	4.83	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				106		%
Holmium	165-2				95		%
Indium	115-1				110		%
Indium	115-2				95		%
Iron	54-2	2.60	1.80	1.00	1.80	44.27	ppb
Iron	56-2	1.51	1.28	1.41	1.40	8.29	ppb
Iron	57-2	0.90	1.07	1.72	1.23	35.22	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.06	0.06	12.84	ppb
Lead	207-1	0.06	0.06	0.06	0.06	2.46	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:09:49	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.06	0.07	0.06	0.06	7.95	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.65	2.40	2.15	2.40	10.31	ppb
Manganese	55-2	0.05	0.05	0.02	0.04	46.56	ppb
Molybdenum	94-1	0.03	0.03	0.05	0.04	19.98	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	8.68	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	10.91	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	3.07	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.04	21.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.01	-0.02		ppb
Phosphorus	31-2	5.59	5.02	1.41	4.01	56.53	ppb
Potassium	39-2	25.90	14.44	5.92	15.42	65.00	ppb
Rhodium	103-1				108		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				93		%
Selenium	82-1	0.12	0.28	0.03	0.15	88.83	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	-0.12	-0.18	-0.24		ppb
Silicon	28-1	-7.23	-5.20	-5.75	-6.06		ppb
Silver	109-1	0.05	0.05	0.05	0.05	7.29	ppb
Silver	107-1	0.04	0.05	0.05	0.05	12.83	ppb
Sodium	23-2	28.94	26.46	25.34	26.91	6.84	ppb
Strontium	86-1	-0.07	0.02	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	258.52	ppb
Sulfur	34-1	-1026.98	-942.34	-867.17	-945.49		ppb
Terbium	159-1				108		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.02	0.01	0.01	41.15	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	38.66	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	15.97	ppb
Tin	118-1	0.03	0.00	0.01	0.02	92.47	ppb
Titanium	47-1	0.05	0.03	-0.01	0.02	120.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	71.06	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:09:49	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	41.00	ppb
Yttrium	89-1				106		%
Yttrium	89-2				95		%
Zinc	66-2	-0.03	-0.01	0.26	0.07	225.96	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	76.90	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	27.43	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:13:19	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.49	22.69	21.04	22.40	5.58	ppb
Antimony	121-1	1.94	1.87	2.01	1.94	3.60	ppb
Arsenic	75-2	0.85	1.03	0.95	0.95	9.60	ppb
Barium	135-1	9.75	9.59	9.94	9.76	1.81	ppb
Barium	137-1	9.37	9.59	9.93	9.63	2.96	ppb
Beryllium	9-1	0.96	1.00	1.03	1.00	3.40	ppb
Bismuth	209-1				109		%
Bismuth	209-2				94		%
Boron	10-1	28.42	27.72	29.90	28.68	3.88	ppb
Boron	11-1	28.89	29.51	28.94	29.11	1.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.07	1.07	1.16	1.10	4.68	ppb
Cadmium	106-1	-0.44	-0.59	0.64	-0.13		ppb
Cadmium	108-1	1.33	1.12	1.24	1.23	8.80	ppb
Calcium	43-1	504.90	478.88	527.45	503.74	4.82	ppb
Calcium	44-1	505.87	498.25	503.35	502.49	0.77	ppb
Chromium	52-2	2.00	1.96	1.71	1.89	8.17	ppb
Cobalt	59-2	0.96	0.97	0.92	0.95	2.53	ppb
Copper	63-2	3.24	3.08	2.92	3.08	5.22	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				98		%
Indium	115-1				111		%
Indium	115-2				99		%
Iron	54-2	59.20	56.56	54.92	56.89	3.80	ppb
Iron	56-2	59.84	57.76	54.04	57.21	5.14	ppb
Iron	57-2	56.87	53.68	55.41	55.32	2.89	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.93	0.89	0.91	1.87	ppb
Lead	207-1	0.82	0.88	0.89	0.87	4.09	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:13:19	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.90	0.92	0.92	0.91	1.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	533.09	523.63	481.10	512.61	5.40	ppb
Manganese	55-2	1.10	1.07	0.99	1.05	5.47	ppb
Molybdenum	94-1	5.14	4.97	4.85	4.99	2.96	ppb
Molybdenum	95-1	4.87	4.83	4.89	4.86	0.63	ppb
Molybdenum	96-1	4.96	4.85	4.90	4.90	1.11	ppb
Molybdenum	97-1	5.07	4.99	4.93	4.99	1.34	ppb
Molybdenum	98-1	4.90	4.96	5.00	4.96	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.06	0.86	0.96	10.58	ppb
Phosphorus	31-2	3.59	-2.45	11.89	4.34	165.74	ppb
Potassium	39-2	524.23	532.45	504.39	520.36	2.77	ppb
Rhodium	103-1				110		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	5.15	5.17	4.74	5.02	4.82	ppb
Selenium	77-2	6.85	3.94	7.24	6.01	29.95	ppb
Selenium	78-2	5.61	2.93	4.13	4.22	31.87	ppb
Silicon	28-1	0.91	-1.85	0.98	0.01	16114.07	ppb
Silver	109-1	1.06	1.04	1.09	1.06	2.45	ppb
Silver	107-1	1.00	1.04	1.08	1.04	3.98	ppb
Sodium	23-2	580.69	571.06	544.27	565.34	3.34	ppb
Strontium	86-1	0.93	0.83	0.82	0.86	6.86	ppb
Strontium	88-1	0.98	0.98	0.96	0.97	1.00	ppb
Sulfur	34-1	-1117.99	-1474.23	-1215.53	-1269.25		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.88	0.86	0.91	0.88	2.79	ppb
Thallium	205-1	0.88	0.87	0.88	0.88	0.64	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	19.60	ppb
Tin	118-1	4.85	4.80	5.08	4.91	3.08	ppb
Titanium	47-1	4.98	4.91	4.65	4.85	3.55	ppb
Uranium	238-1	0.76	0.76	0.76	0.76	0.30	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:13:19	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.77	4.70	4.33	4.60	5.04	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	2.43	1.94	2.23	2.20	11.38	ppb
Zirconium	90-1	0.98	0.99	1.00	0.99	1.01	ppb
Zirconium	91-1	0.86	1.01	0.96	0.94	7.71	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BL	Instrumnet Name :	P7
Client Sample ID :	PB132718BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:16:49	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.83	0.18	0.18	0.39	95.21	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	31.95	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.01	0.00	0.01	0.01	57.26	ppb
Barium	137-1	0.00	0.00	0.01	0.00	64.02	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	78.34	ppb
Bismuth	209-1				109		%
Bismuth	209-2				94		%
Boron	10-1	7.76	6.66	7.44	7.29	7.73	ppb
Boron	11-1	6.14	7.17	6.81	6.71	7.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.11	-0.09	-0.04	-0.08		ppb
Cadmium	106-1	-1.33	-1.18	-0.55	-1.02		ppb
Cadmium	108-1	0.06	0.04	-0.04	0.02	248.94	ppb
Calcium	43-1	-3.52	-0.40	-2.22	-2.05		ppb
Calcium	44-1	-1.14	-1.37	-1.67	-1.39		ppb
Chromium	52-2	-0.01	0.02	0.06	0.02	145.55	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	109.62	ppb
Copper	63-2	0.51	0.46	0.51	0.50	5.88	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				110		%
Holmium	165-2				98		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	54-2	-0.63	-2.03	0.31	-0.78		ppb
Iron	56-2	0.18	0.31	0.33	0.27	30.93	ppb
Iron	57-2	0.22	-1.24	0.02	-0.33		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.01	0.02	64.25	ppb
Lead	207-1	0.01	0.02	0.02	0.02	24.74	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BL	Instrumnet Name :	P7
Client Sample ID :	PB132718BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:16:49	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.02	0.02	0.02	0.02	14.69	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.35	0.57	0.34	0.42	30.92	ppb
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.06	0.01	0.03	0.03	80.22	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	23.16	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	30.95	ppb
Molybdenum	97-1	0.00	0.01	0.02	0.01	70.19	ppb
Molybdenum	98-1	0.02	0.01	0.00	0.01	73.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	0.01	-0.02		ppb
Phosphorus	31-2	-1.72	2.35	17.46	6.03	167.57	ppb
Potassium	39-2	6.55	8.66	6.03	7.08	19.74	ppb
Rhodium	103-1				110		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	0.60	-0.17	0.65	0.36	128.57	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.78	-0.90	0.03	-0.55		ppb
Silicon	28-1	-4.18	-5.81	-5.86	-5.28		ppb
Silver	109-1	0.04	0.02	0.04	0.04	27.35	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.50	ppb
Sodium	23-2	20.60	19.17	17.55	19.11	7.98	ppb
Strontium	86-1	-0.04	-0.07	-0.07	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	162.38	ppb
Sulfur	34-1	-1018.77	-1160.71	-1000.27	-1059.92		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.01	0.01	0.01	74.11	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.88	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	798.82	ppb
Tin	118-1	-0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	0.05	0.03	0.05	0.04	28.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BL	Instrumnet Name :	P7
Client Sample ID :	PB132718BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:16:49	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	-0.05	0.00	0.01	682.85	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BSRE	Instrumnet Name :	P7
Client Sample ID :	PB132718BSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:20:19	DataFile Name :	020LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10022.15	10007.59	10076.59	10035.44	0.36	ppb
Antimony	121-1	703.51	536.90	497.88	579.43	18.85	ppb
Arsenic	75-2	492.52	497.98	490.87	493.79	0.75	ppb
Barium	135-1	3500.00	2649.73	2450.47	2866.73	19.44	ppb
Barium	137-1	3553.07	2714.82	2509.75	2925.88	18.89	ppb
Beryllium	9-1	672.43	527.51	505.94	568.63	15.92	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	624.78	506.22	493.47	541.49	13.37	ppb
Boron	11-1	639.60	519.40	501.17	553.39	13.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	721.98	538.75	502.77	587.83	20.00	ppb
Cadmium	106-1	714.99	533.10	491.71	579.93	20.48	ppb
Cadmium	108-1	714.16	540.27	500.66	585.03	19.41	ppb
Calcium	43-1	74771.02	56248.32	52613.14	61210.82	19.41	ppb
Calcium	44-1	69172.37	52041.18	49240.43	56817.99	18.99	ppb
Chromium	52-2	492.98	489.84	489.82	490.88	0.37	ppb
Cobalt	59-2	492.50	489.82	496.82	493.05	0.72	ppb
Copper	63-2	5072.19	5007.03	5010.60	5029.94	0.73	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				98		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	27702.01	27850.40	27789.53	27780.64	0.27	ppb
Iron	56-2	26179.04	26272.72	26000.89	26150.88	0.53	ppb
Iron	57-2	27161.75	26928.50	27185.09	27091.78	0.52	ppb
Krypton	83-1						cps
Lead	206-1	3799.20	2610.40	2459.92	2956.51	24.82	ppb
Lead	207-1	3784.77	2599.59	2491.28	2958.55	24.25	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BSRE	Instrumnet Name :	P7
Client Sample ID :	PB132718BSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:20:19	DataFile Name :	020LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	3787.32	2595.02	2463.89	2948.74	24.73	ppb
Lithium	6-1				85		%
Magnesium	24-2	50972.76	50011.54	49466.16	50150.15	1.52	ppb
Manganese	55-2	4935.29	4971.86	4930.14	4945.76	0.46	ppb
Molybdenum	94-1	3435.35	2626.78	2434.45	2832.19	18.75	ppb
Molybdenum	95-1	3451.38	2580.32	2427.46	2819.72	19.59	ppb
Molybdenum	96-1	3481.21	2606.56	2432.90	2840.22	19.78	ppb
Molybdenum	97-1	3492.29	2618.29	2454.16	2854.91	19.55	ppb
Molybdenum	98-1	3478.76	2622.96	2443.46	2848.39	19.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.16	490.81	494.91	492.29	0.46	ppb
Phosphorus	31-2	9828.97	9628.96	10103.45	9853.79	2.42	ppb
Potassium	39-2	24537.19	24891.58	25054.14	24827.63	1.06	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	683.28	522.55	493.48	566.44	18.05	ppb
Selenium	77-2	525.02	492.65	504.43	507.37	3.23	ppb
Selenium	78-2	482.99	501.85	492.27	492.37	1.92	ppb
Silicon	28-1	792.47	574.90	542.57	636.65	21.35	ppb
Silver	109-1	725.44	547.91	514.76	596.04	19.01	ppb
Silver	107-1	727.37	540.98	508.92	592.42	19.91	ppb
Sodium	23-2	51571.12	51015.04	50504.27	51030.14	1.05	ppb
Strontium	86-1	691.28	530.60	486.92	569.60	18.89	ppb
Strontium	88-1	692.38	530.36	495.52	572.75	18.34	ppb
Sulfur	34-1	18178.21	10111.50	8891.41	12393.71	40.72	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	720.70	499.97	472.19	564.28	24.13	ppb
Thallium	205-1	761.35	522.33	497.32	593.66	24.55	ppb
Thorium	232-1	742.72	510.02	477.10	576.61	25.11	ppb
Tin	118-1	712.72	534.20	496.26	581.06	19.89	ppb
Titanium	47-1	3529.03	2620.20	2497.04	2882.09	19.56	ppb
Uranium	238-1	739.48	499.35	476.20	571.68	25.50	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BSRE	Instrumnet Name :	P7
Client Sample ID :	PB132718BSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:20:19	DataFile Name :	020LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	487.32	489.29	488.57	488.39	0.20	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	4905.78	4934.37	4903.34	4914.50	0.35	ppb
Zirconium	90-1	693.83	519.56	490.16	567.85	19.39	ppb
Zirconium	91-1	684.98	515.20	480.35	560.18	19.54	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BS	Instrumnet Name :	P7
Client Sample ID :	PB132718BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:24:37	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10038.75	10001.78	9926.18	9988.90	0.57	ppb
Antimony	121-1	502.41	508.05	493.07	501.18	1.51	ppb
Arsenic	75-2	501.36	491.48	492.17	495.00	1.11	ppb
Barium	135-1	2473.59	2506.68	2435.04	2471.77	1.45	ppb
Barium	137-1	2549.15	2539.62	2516.44	2535.07	0.66	ppb
Beryllium	9-1	497.33	494.43	499.29	497.02	0.49	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	497.85	498.85	506.71	501.14	0.97	ppb
Boron	11-1	503.18	502.89	510.21	505.42	0.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	504.06	512.40	508.46	508.31	0.82	ppb
Cadmium	106-1	497.35	512.25	504.35	504.65	1.48	ppb
Cadmium	108-1	501.23	513.80	500.57	505.20	1.48	ppb
Calcium	43-1	52179.79	51711.61	52671.05	52187.48	0.92	ppb
Calcium	44-1	48969.64	48087.60	48630.89	48562.71	0.92	ppb
Chromium	52-2	493.02	485.55	490.52	489.70	0.78	ppb
Cobalt	59-2	490.63	487.70	492.76	490.36	0.52	ppb
Copper	63-2	4995.49	4943.24	5018.89	4985.88	0.78	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				98		%
Indium	115-1				109		%
Indium	115-2				96		%
Iron	54-2	28001.14	27497.36	27677.02	27725.17	0.92	ppb
Iron	56-2	25880.11	25730.87	26165.34	25925.44	0.85	ppb
Iron	57-2	26885.97	26804.49	27012.74	26901.07	0.39	ppb
Krypton	83-1						cps
Lead	206-1	2437.52	2438.60	2534.86	2470.33	2.26	ppb
Lead	207-1	2436.54	2404.36	2493.31	2444.74	1.84	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BS	Instrumnet Name :	P7
Client Sample ID :	PB132718BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:24:37	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2448.12	2432.25	2509.39	2463.25	1.65	ppb
Lithium	6-1				93		%
Magnesium	24-2	50457.83	50161.35	50270.08	50296.42	0.30	ppb
Manganese	55-2	4942.74	4943.20	4893.71	4926.55	0.58	ppb
Molybdenum	94-1	2459.07	2429.37	2470.96	2453.14	0.87	ppb
Molybdenum	95-1	2423.40	2429.01	2454.90	2435.77	0.69	ppb
Molybdenum	96-1	2429.16	2433.11	2451.52	2437.93	0.49	ppb
Molybdenum	97-1	2453.66	2427.51	2463.23	2448.13	0.76	ppb
Molybdenum	98-1	2453.82	2438.34	2473.18	2455.11	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.74	490.03	490.59	490.45	0.08	ppb
Phosphorus	31-2	9731.37	9719.04	9757.19	9735.87	0.20	ppb
Potassium	39-2	25133.78	24803.11	24816.77	24917.89	0.75	ppb
Rhodium	103-1				105		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	82-1	491.88	488.73	490.36	490.33	0.32	ppb
Selenium	77-2	489.33	490.70	508.67	496.24	2.18	ppb
Selenium	78-2	506.94	508.35	488.53	501.27	2.21	ppb
Silicon	28-1	587.40	576.13	594.13	585.89	1.55	ppb
Silver	109-1	511.57	525.94	522.19	519.90	1.43	ppb
Silver	107-1	510.17	516.22	511.77	512.72	0.61	ppb
Sodium	23-2	51121.08	50939.28	51080.07	51046.81	0.19	ppb
Strontium	86-1	478.89	483.62	486.59	483.03	0.80	ppb
Strontium	88-1	490.59	486.71	493.23	490.18	0.67	ppb
Sulfur	34-1	8348.77	7896.63	8434.24	8226.55	3.51	ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	472.30	466.84	481.87	473.67	1.61	ppb
Thallium	205-1	490.17	491.40	502.94	494.83	1.42	ppb
Thorium	232-1	479.14	468.19	479.78	475.70	1.37	ppb
Tin	118-1	502.77	517.22	498.70	506.23	1.92	ppb
Titanium	47-1	2450.67	2424.98	2466.49	2447.38	0.86	ppb
Uranium	238-1	468.88	472.71	471.78	471.13	0.42	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BS	Instrumnet Name :	P7
Client Sample ID :	PB132718BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:24:37	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	489.24	481.38	488.38	486.33	0.89	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	4924.67	4895.10	4920.92	4913.57	0.33	ppb
Zirconium	90-1	480.22	481.34	486.74	482.77	0.72	ppb
Zirconium	91-1	477.96	472.56	481.83	477.45	0.97	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-01	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:27:56	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13933.33	13707.94	13919.42	13853.56	0.91	ppb
Antimony	121-1	0.23	0.23	0.21	0.22	5.53	ppb
Arsenic	75-2	10.58	10.29	9.62	10.17	4.82	ppb
Barium	135-1	161.84	165.89	159.15	162.29	2.09	ppb
Barium	137-1	162.39	165.28	162.84	163.51	0.95	ppb
Beryllium	9-1	1.45	1.60	1.54	1.53	4.99	ppb
Bismuth	209-1				116		%
Bismuth	209-2				99		%
Boron	10-1	29.17	28.41	32.48	30.02	7.22	ppb
Boron	11-1	31.22	31.29	30.91	31.14	0.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.30	1.40	1.33	1.34	3.78	ppb
Cadmium	106-1	4.13	5.64	3.89	4.55	20.86	ppb
Cadmium	108-1	3.91	3.91	3.53	3.78	5.69	ppb
Calcium	43-1	187602.27	187812.41	187554.05	187656.25	0.07	ppb
Calcium	44-1	183948.10	188629.52	185689.15	186088.92	1.27	ppb
Chromium	52-2	22.78	22.60	22.96	22.78	0.79	ppb
Cobalt	59-2	9.74	9.48	9.55	9.59	1.39	ppb
Copper	63-2	19.72	19.46	19.72	19.63	0.76	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				121		%
Holmium	165-2				108		%
Indium	115-1				123		%
Indium	115-2				107		%
Iron	54-2	27124.13	26884.55	26733.55	26914.08	0.73	ppb
Iron	56-2	25567.71	25489.75	25453.04	25503.50	0.23	ppb
Iron	57-2	27049.54	26790.55	26848.01	26896.04	0.51	ppb
Krypton	83-1						cps
Lead	206-1	26.55	26.17	26.40	26.37	0.72	ppb
Lead	207-1	23.58	23.12	23.22	23.31	1.05	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-01 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC1-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:27:56 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	25.28	24.75	25.06	25.03	1.07	ppb
Lithium	6-1				104		%
Magnesium	24-2	2540.17	2515.86	2520.39	2525.47	0.51	ppb
Manganese	55-2	482.31	478.11	480.84	480.42	0.44	ppb
Molybdenum	94-1	36.05	35.26	35.13	35.48	1.40	ppb
Molybdenum	95-1	1.29	1.22	1.31	1.27	3.86	ppb
Molybdenum	96-1	5.81	5.40	5.61	5.60	3.61	ppb
Molybdenum	97-1	1.33	1.33	1.41	1.36	3.25	ppb
Molybdenum	98-1	1.24	1.29	1.27	1.27	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.78	19.12	19.00	19.30	2.17	ppb
Phosphorus	31-2	550.96	561.83	551.74	554.84	1.09	ppb
Potassium	39-2	3211.36	3193.72	3235.71	3213.60	0.66	ppb
Rhodium	103-1				118		%
Rhodium	103-2				106		%
Scandium	45-1				118		%
Scandium	45-2				108		%
Selenium	82-1	1.80	1.25	0.80	1.28	39.15	ppb
Selenium	77-2	19.80	21.35	24.07	21.74	9.93	ppb
Selenium	78-2	2.57	2.86	2.11	2.51	15.00	ppb
Silicon	28-1	863.34	908.33	926.26	899.31	3.60	ppb
Silver	109-1	0.32	0.28	0.32	0.31	6.24	ppb
Silver	107-1	0.32	0.32	0.32	0.32	0.33	ppb
Sodium	23-2	294.66	290.82	297.17	294.22	1.09	ppb
Strontium	86-1	58.55	58.10	57.50	58.05	0.91	ppb
Strontium	88-1	60.17	58.76	59.97	59.64	1.28	ppb
Sulfur	34-1	-2959.91	-2558.22	-2578.56	-2698.90		ppb
Terbium	159-1				122		%
Terbium	159-2				108		%
Thallium	203-1	0.88	0.88	0.83	0.87	3.06	ppb
Thallium	205-1	0.86	0.85	0.85	0.85	0.73	ppb
Thorium	232-1	10.32	10.16	10.17	10.22	0.86	ppb
Tin	118-1	1.10	1.07	1.09	1.09	1.47	ppb
Titanium	47-1	20.87	19.90	22.43	21.07	6.05	ppb
Uranium	238-1	1.36	1.29	1.35	1.34	2.81	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-01	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:27:56	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	39.06	38.60	38.82	38.83	0.59	ppb
Yttrium	89-1				126		%
Yttrium	89-2				115		%
Zinc	66-2	92.03	89.22	87.43	89.56	2.59	ppb
Zirconium	90-1	22.75	22.10	22.72	22.52	1.62	ppb
Zirconium	91-1	22.34	21.28	22.31	21.98	2.75	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-02	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:31:24	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23589.44	23327.67	22617.24	23178.12	2.17	ppb
Antimony	121-1	0.14	0.13	0.17	0.15	16.15	ppb
Arsenic	75-2	15.06	15.15	15.17	15.13	0.38	ppb
Barium	135-1	295.36	296.04	290.14	293.85	1.10	ppb
Barium	137-1	294.15	295.78	291.22	293.72	0.79	ppb
Beryllium	9-1	2.39	2.38	2.51	2.43	2.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				91		%
Boron	10-1	25.19	23.30	22.18	23.56	6.45	ppb
Boron	11-1	23.58	24.09	22.77	23.48	2.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.91	2.80	2.82	2.84	2.01	ppb
Cadmium	106-1	12.25	12.07	11.55	11.96	3.04	ppb
Cadmium	108-1	5.87	6.08	5.87	5.94	2.09	ppb
Calcium	43-1	735744.07	704485.19	733742.61	724657.29	2.41	ppb
Calcium	44-1	725207.44	716328.16	720025.23	720520.27	0.62	ppb
Chromium	52-2	41.59	41.18	40.26	41.01	1.66	ppb
Cobalt	59-2	15.18	14.96	14.71	14.95	1.55	ppb
Copper	63-2	29.70	29.09	29.07	29.29	1.22	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				104		%
Indium	115-1				116		%
Indium	115-2				102		%
Iron	54-2	31566.62	31103.89	30499.75	31056.76	1.72	ppb
Iron	56-2	30132.87	29640.46	29300.12	29691.15	1.41	ppb
Iron	57-2	32534.08	32266.97	31302.60	32034.55	2.02	ppb
Krypton	83-1						cps
Lead	206-1	48.54	48.91	46.34	47.93	2.90	ppb
Lead	207-1	43.70	43.87	40.42	42.66	4.56	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-02 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC1-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:31:24 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	46.61	46.31	44.70	45.87	2.24	ppb
Lithium	6-1				101		%
Magnesium	24-2	5563.67	5529.96	5379.51	5491.05	1.79	ppb
Manganese	55-2	884.36	877.86	863.76	875.33	1.20	ppb
Molybdenum	94-1	48.59	48.90	47.66	48.38	1.34	ppb
Molybdenum	95-1	0.77	0.73	0.77	0.76	3.38	ppb
Molybdenum	96-1	6.86	6.91	6.61	6.79	2.36	ppb
Molybdenum	97-1	0.74	0.83	0.74	0.77	6.82	ppb
Molybdenum	98-1	0.72	0.72	0.77	0.74	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.92	28.92	28.79	28.88	0.26	ppb
Phosphorus	31-2	2357.33	2397.98	2406.37	2387.23	1.10	ppb
Potassium	39-2	5469.47	5433.61	5399.62	5434.23	0.64	ppb
Rhodium	103-1				109		%
Rhodium	103-2				99		%
Scandium	45-1				117		%
Scandium	45-2				107		%
Selenium	82-1	2.02	1.39	2.24	1.88	23.48	ppb
Selenium	77-2	35.96	34.29	37.25	35.83	4.15	ppb
Selenium	78-2	4.78	5.18	5.14	5.03	4.42	ppb
Silicon	28-1	1459.71	1469.02	1449.99	1459.57	0.65	ppb
Silver	109-1	0.34	0.31	0.30	0.32	7.88	ppb
Silver	107-1	0.39	0.39	0.39	0.39	0.56	ppb
Sodium	23-2	501.32	497.45	491.84	496.87	0.96	ppb
Strontium	86-1	210.28	208.05	203.72	207.35	1.61	ppb
Strontium	88-1	213.47	214.33	211.15	212.98	0.77	ppb
Sulfur	34-1	-1672.42	-1604.18	-1041.00	-1439.20		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.92	0.95	0.91	0.93	1.92	ppb
Thallium	205-1	0.85	0.87	0.85	0.86	1.29	ppb
Thorium	232-1	14.80	14.60	14.52	14.64	0.98	ppb
Tin	118-1	0.86	0.84	0.80	0.83	3.65	ppb
Titanium	47-1	20.91	21.28	20.73	20.97	1.34	ppb
Uranium	238-1	2.38	2.42	2.28	2.36	2.93	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-02	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:31:24	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	62.93	60.97	60.46	61.45	2.12	ppb
Yttrium	89-1				131		%
Yttrium	89-2				117		%
Zinc	66-2	113.05	116.23	112.10	113.79	1.90	ppb
Zirconium	90-1	31.32	31.43	31.25	31.33	0.30	ppb
Zirconium	91-1	30.09	30.60	30.20	30.29	0.88	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:34:54	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10798.66	10837.21	10746.38	10794.08	0.42	ppb
Antimony	121-1	0.11	0.12	0.11	0.12	5.04	ppb
Arsenic	75-2	8.80	8.42	8.50	8.57	2.32	ppb
Barium	135-1	171.49	172.13	170.72	171.45	0.41	ppb
Barium	137-1	172.26	172.06	171.06	171.80	0.37	ppb
Beryllium	9-1	1.19	1.10	1.08	1.12	5.38	ppb
Bismuth	209-1				110		%
Bismuth	209-2				94		%
Boron	10-1	16.34	16.24	17.56	16.71	4.38	ppb
Boron	11-1	17.93	17.39	17.63	17.65	1.53	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.85	0.88	0.67	0.80	14.22	ppb
Cadmium	106-1	5.66	5.87	3.15	4.89	30.84	ppb
Cadmium	108-1	2.79	2.83	2.65	2.75	3.43	ppb
Calcium	43-1	148611.45	149467.47	148509.56	148862.83	0.35	ppb
Calcium	44-1	138711.99	140869.31	138847.80	139476.37	0.87	ppb
Chromium	52-2	18.69	18.79	18.81	18.76	0.36	ppb
Cobalt	59-2	9.75	9.73	9.65	9.71	0.58	ppb
Copper	63-2	20.11	20.28	20.25	20.21	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				115		%
Holmium	165-2				102		%
Indium	115-1				114		%
Indium	115-2				103		%
Iron	54-2	17574.45	17445.18	17546.59	17522.07	0.39	ppb
Iron	56-2	16990.75	16706.56	16866.52	16854.61	0.85	ppb
Iron	57-2	17716.98	17632.18	17582.35	17643.83	0.39	ppb
Krypton	83-1						cps
Lead	206-1	30.11	30.73	30.31	30.38	1.04	ppb
Lead	207-1	26.73	27.57	26.95	27.08	1.61	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:34:54	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	28.60	29.34	28.95	28.96	1.28	ppb
Lithium	6-1				100		%
Magnesium	24-2	2076.65	2080.34	2066.67	2074.55	0.34	ppb
Manganese	55-2	733.53	736.80	728.95	733.09	0.54	ppb
Molybdenum	94-1	31.39	31.12	30.20	30.90	2.01	ppb
Molybdenum	95-1	1.05	1.08	1.07	1.07	1.35	ppb
Molybdenum	96-1	4.81	4.85	4.74	4.80	1.24	ppb
Molybdenum	97-1	0.92	1.01	1.04	0.99	6.41	ppb
Molybdenum	98-1	1.00	1.07	0.98	1.02	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.73	17.34	16.83	16.96	1.91	ppb
Phosphorus	31-2	524.03	494.35	472.70	497.03	5.19	ppb
Potassium	39-2	2463.50	2450.90	2454.13	2456.18	0.27	ppb
Rhodium	103-1				111		%
Rhodium	103-2				101		%
Scandium	45-1				113		%
Scandium	45-2				104		%
Selenium	82-1	1.34	1.31	1.05	1.23	12.88	ppb
Selenium	77-2	20.47	21.93	24.69	22.36	9.59	ppb
Selenium	78-2	1.58	1.92	3.78	2.43	48.74	ppb
Silicon	28-1	501.36	558.45	509.87	523.23	5.89	ppb
Silver	109-1	0.22	0.23	0.22	0.22	3.36	ppb
Silver	107-1	0.26	0.24	0.25	0.25	4.98	ppb
Sodium	23-2	355.85	344.81	358.26	352.97	2.03	ppb
Strontium	86-1	59.96	58.92	58.83	59.24	1.06	ppb
Strontium	88-1	60.16	60.64	59.84	60.22	0.67	ppb
Sulfur	34-1	-1133.78	-914.85	-931.13	-993.25		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.29	0.30	0.31	0.30	1.96	ppb
Thallium	205-1	0.28	0.29	0.29	0.29	2.29	ppb
Thorium	232-1	10.15	10.35	10.27	10.26	1.02	ppb
Tin	118-1	4.89	4.92	4.63	4.81	3.30	ppb
Titanium	47-1	46.73	51.07	47.30	48.37	4.87	ppb
Uranium	238-1	1.30	1.30	1.34	1.31	2.07	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:34:54	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	40.32	39.92	39.70	39.98	0.79	ppb
Yttrium	89-1				120		%
Yttrium	89-2				109		%
Zinc	66-2	163.89	164.73	163.51	164.04	0.38	ppb
Zirconium	90-1	19.66	19.85	19.51	19.67	0.87	ppb
Zirconium	91-1	18.71	19.45	18.54	18.90	2.56	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03DUP Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:38:23 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10448.20	10551.48	10436.22	10478.64	0.60	ppb
Antimony	121-1	0.06	0.08	0.07	0.07	12.47	ppb
Arsenic	75-2	8.39	8.42	8.63	8.48	1.53	ppb
Barium	135-1	168.67	168.08	173.82	170.19	1.86	ppb
Barium	137-1	170.66	168.48	172.58	170.57	1.20	ppb
Beryllium	9-1	1.13	1.08	1.02	1.08	5.19	ppb
Bismuth	209-1				113		%
Bismuth	209-2				95		%
Boron	10-1	13.51	13.01	12.02	12.85	5.88	ppb
Boron	11-1	12.98	12.01	12.17	12.39	4.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.82	0.74	0.80	0.78	4.89	ppb
Cadmium	106-1	5.95	5.79	5.08	5.61	8.29	ppb
Cadmium	108-1	2.84	3.08	2.41	2.78	12.32	ppb
Calcium	43-1	144865.81	144087.12	145323.40	144758.78	0.43	ppb
Calcium	44-1	134666.33	133073.17	136142.17	134627.22	1.14	ppb
Chromium	52-2	18.24	18.35	17.86	18.15	1.41	ppb
Cobalt	59-2	9.51	9.49	9.64	9.55	0.84	ppb
Copper	63-2	17.77	17.41	17.51	17.56	1.07	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				104		%
Indium	115-1				116		%
Indium	115-2				103		%
Iron	54-2	17262.64	17060.15	16984.77	17102.52	0.84	ppb
Iron	56-2	16352.84	16449.93	16108.99	16303.92	1.08	ppb
Iron	57-2	17219.10	17136.83	17013.43	17123.12	0.60	ppb
Krypton	83-1						cps
Lead	206-1	28.28	27.89	28.35	28.17	0.89	ppb
Lead	207-1	25.04	24.72	25.08	24.95	0.80	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03DUP Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:38:23 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	26.65	26.68	27.13	26.82	1.00	ppb
Lithium	6-1				101		%
Magnesium	24-2	1985.81	1993.00	1976.07	1984.96	0.43	ppb
Manganese	55-2	718.90	724.88	716.59	720.12	0.59	ppb
Molybdenum	94-1	30.82	30.74	30.36	30.64	0.79	ppb
Molybdenum	95-1	1.07	0.95	0.94	0.98	7.50	ppb
Molybdenum	96-1	4.68	4.72	4.67	4.69	0.52	ppb
Molybdenum	97-1	1.05	0.85	1.04	0.98	11.30	ppb
Molybdenum	98-1	0.98	0.95	0.95	0.96	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.06	15.62	15.77	15.82	1.42	ppb
Phosphorus	31-2	439.30	455.01	477.45	457.25	4.19	ppb
Potassium	39-2	2196.24	2208.10	2215.24	2206.53	0.43	ppb
Rhodium	103-1				113		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	82-1	0.80	0.29	-0.16	0.31	154.28	ppb
Selenium	77-2	22.95	17.77	19.44	20.05	13.18	ppb
Selenium	78-2	2.70	2.21	2.88	2.59	13.41	ppb
Silicon	28-1	583.75	599.57	1221.20	801.50	45.36	ppb
Silver	109-1	0.22	0.23	0.22	0.22	1.67	ppb
Silver	107-1	0.25	0.23	0.27	0.25	6.38	ppb
Sodium	23-2	142.14	140.44	144.76	142.44	1.53	ppb
Strontium	86-1	58.22	56.59	56.87	57.23	1.52	ppb
Strontium	88-1	59.02	58.53	58.18	58.57	0.72	ppb
Sulfur	34-1	-1148.21	-1119.67	-979.97	-1082.62		ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.26	0.23	0.25	6.31	ppb
Thallium	205-1	0.26	0.25	0.24	0.25	3.20	ppb
Thorium	232-1	10.58	10.51	10.55	10.55	0.34	ppb
Tin	118-1	4.44	4.22	4.46	4.37	3.14	ppb
Titanium	47-1	46.76	53.36	48.68	49.60	6.85	ppb
Uranium	238-1	1.23	1.24	1.25	1.24	0.80	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03DUP	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:38:23	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	38.96	39.22	38.58	38.92	0.84	ppb
Yttrium	89-1				121		%
Yttrium	89-2				109		%
Zinc	66-2	76.91	77.21	76.57	76.90	0.41	ppb
Zirconium	90-1	19.61	19.64	19.53	19.59	0.31	ppb
Zirconium	91-1	18.47	19.01	19.27	18.92	2.16	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LREX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 11:41:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1942.11	1956.04	1971.40	1956.52	0.75	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	14.21	ppb
Arsenic	75-2	1.62	1.49	1.60	1.57	4.34	ppb
Barium	135-1	30.39	30.75	29.78	30.30	1.62	ppb
Barium	137-1	31.31	30.25	30.96	30.84	1.75	ppb
Beryllium	9-1	0.27	0.20	0.18	0.22	20.70	ppb
Bismuth	209-1				108		%
Bismuth	209-2				92		%
Boron	10-1	8.60	10.77	9.66	9.67	11.23	ppb
Boron	11-1	9.79	10.20	9.69	9.89	2.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.17	0.09	0.09	103.88	ppb
Cadmium	106-1	-0.91	1.27	0.12	0.16	671.41	ppb
Cadmium	108-1	0.60	0.53	0.46	0.53	13.52	ppb
Calcium	43-1	26884.54	27022.96	27071.02	26992.84	0.36	ppb
Calcium	44-1	24909.63	25042.53	25317.23	25089.80	0.83	ppb
Chromium	52-2	3.44	3.43	3.34	3.40	1.57	ppb
Cobalt	59-2	1.77	1.81	1.77	1.78	1.10	ppb
Copper	63-2	3.52	3.66	3.57	3.58	1.98	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				100		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	54-2	3233.62	3262.37	3200.34	3232.11	0.96	ppb
Iron	56-2	3052.02	3067.54	3023.53	3047.70	0.73	ppb
Iron	57-2	3150.09	3195.15	3186.39	3177.21	0.75	ppb
Krypton	83-1						cps
Lead	206-1	5.14	5.17	5.12	5.14	0.49	ppb
Lead	207-1	4.46	4.62	4.59	4.56	1.88	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LREX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 11:41:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4.94	4.97	4.95	4.95	0.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	369.03	368.86	373.99	370.63	0.79	ppb
Manganese	55-2	132.79	133.44	132.18	132.80	0.48	ppb
Molybdenum	94-1	5.89	5.77	6.12	5.93	2.97	ppb
Molybdenum	95-1	0.20	0.19	0.20	0.20	3.14	ppb
Molybdenum	96-1	0.91	1.21	0.85	0.99	19.63	ppb
Molybdenum	97-1	0.22	0.20	0.17	0.20	14.11	ppb
Molybdenum	98-1	0.20	0.20	0.19	0.20	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.84	2.74	2.97	2.85	4.13	ppb
Phosphorus	31-2	75.79	66.69	77.77	73.41	8.05	ppb
Potassium	39-2	410.38	424.07	407.59	414.01	2.13	ppb
Rhodium	103-1				110		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	82-1	0.17	0.50	0.46	0.38	47.07	ppb
Selenium	77-2	5.54	4.87	2.58	4.33	35.80	ppb
Selenium	78-2	0.27	0.67	0.05	0.33	94.99	ppb
Silicon	28-1	89.74	89.47	95.22	91.48	3.55	ppb
Silver	109-1	0.06	0.07	0.05	0.06	17.73	ppb
Silver	107-1	0.10	0.07	0.08	0.08	15.83	ppb
Sodium	23-2	34.47	32.54	33.93	33.65	2.95	ppb
Strontium	86-1	10.93	10.98	10.63	10.85	1.77	ppb
Strontium	88-1	11.34	11.30	11.26	11.30	0.34	ppb
Sulfur	34-1	-614.46	-548.23	-111.38	-424.69		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.05	0.06	0.05	9.84	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	13.33	ppb
Thorium	232-1	1.88	1.94	1.90	1.91	1.54	ppb
Tin	118-1	0.76	0.72	0.74	0.74	2.79	ppb
Titanium	47-1	8.61	9.29	16.10	11.33	36.53	ppb
Uranium	238-1	0.22	0.24	0.22	0.23	3.52	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LREX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 11:41:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	7.25	7.33	7.16	7.25	1.17	ppb
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	11.50	11.69	11.54	11.58	0.85	ppb
Zirconium	90-1	3.81	3.76	3.80	3.79	0.67	ppb
Zirconium	91-1	3.39	3.81	3.63	3.61	5.85	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-04	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:45:23	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17758.46	17709.16	17579.24	17682.29	0.52	ppb
Antimony	121-1	521.53	515.24	505.80	514.19	1.54	ppb
Arsenic	75-2	500.85	502.63	506.74	503.41	0.60	ppb
Barium	135-1	2556.73	2516.71	2464.89	2512.78	1.83	ppb
Barium	137-1	2646.27	2599.38	2524.34	2590.00	2.37	ppb
Beryllium	9-1	532.24	525.72	515.68	524.55	1.59	ppb
Bismuth	209-1				106		%
Bismuth	209-2				93		%
Boron	10-1	468.05	474.44	466.43	469.64	0.90	ppb
Boron	11-1	471.82	473.17	473.68	472.89	0.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	535.20	536.68	521.38	531.09	1.59	ppb
Cadmium	106-1	533.44	536.71	516.32	528.82	2.07	ppb
Cadmium	108-1	529.50	536.68	517.22	527.80	1.86	ppb
Calcium	43-1	120061.23	117571.95	113944.50	117192.56	2.62	ppb
Calcium	44-1	111848.20	110070.48	106572.78	109497.15	2.45	ppb
Chromium	52-2	506.55	506.85	503.01	505.47	0.42	ppb
Cobalt	59-2	506.90	505.13	502.79	504.94	0.41	ppb
Copper	63-2	924.89	930.20	927.41	927.50	0.29	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				103		%
Indium	115-1				111		%
Indium	115-2				99		%
Iron	54-2	37147.58	37617.92	37319.27	37361.59	0.64	ppb
Iron	56-2	37468.08	37527.99	36812.21	37269.43	1.07	ppb
Iron	57-2	38411.13	38866.16	38426.43	38567.91	0.67	ppb
Krypton	83-1						cps
Lead	206-1	497.62	490.92	465.86	484.80	3.45	ppb
Lead	207-1	486.13	474.58	450.54	470.42	3.86	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-04	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:45:23	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	523.76	513.67	493.12	510.18	3.06	ppb
Lithium	6-1				97		%
Magnesium	24-2	46073.17	46412.09	45630.30	46038.52	0.85	ppb
Manganese	55-2	1664.63	1676.70	1657.76	1666.36	0.58	ppb
Molybdenum	94-1	2437.58	2389.09	2261.43	2362.70	3.85	ppb
Molybdenum	95-1	2349.06	2325.90	2140.37	2271.78	5.04	ppb
Molybdenum	96-1	2333.89	2328.60	2123.50	2262.00	5.30	ppb
Molybdenum	97-1	2333.87	2301.33	2131.20	2255.46	4.83	ppb
Molybdenum	98-1	2315.25	2281.40	2145.37	2247.34	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.62	522.90	518.20	519.24	0.63	ppb
Phosphorus	31-2	406.70	392.59	416.21	405.17	2.93	ppb
Potassium	39-2	24621.98	24775.10	24801.11	24732.73	0.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	82-1	501.79	506.21	478.88	495.62	2.96	ppb
Selenium	77-2	502.11	530.35	485.89	506.12	4.45	ppb
Selenium	78-2	497.25	492.34	484.97	491.52	1.26	ppb
Silicon	28-1	1130.02	1108.13	1054.82	1097.65	3.52	ppb
Silver	109-1	271.15	286.68	214.80	257.54	14.69	ppb
Silver	107-1	265.10	345.43	475.23	361.92	29.30	ppb
Sodium	23-2	45784.34	45654.61	45422.30	45620.42	0.40	ppb
Strontium	86-1	526.29	525.62	499.74	517.22	2.93	ppb
Strontium	88-1	541.24	538.95	511.47	530.55	3.12	ppb
Sulfur	34-1	-910.11	-986.25	-1532.64	-1143.00		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	503.77	494.91	464.51	487.73	4.22	ppb
Thallium	205-1	530.23	515.86	495.38	513.82	3.41	ppb
Thorium	232-1	11.23	11.11	10.73	11.03	2.35	ppb
Tin	118-1	500.65	493.76	475.62	490.01	2.64	ppb
Titanium	47-1	2401.92	2371.21	2266.55	2346.56	3.02	ppb
Uranium	238-1	501.17	484.23	474.08	486.49	2.81	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-04	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:45:23	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	528.99	528.42	524.12	527.18	0.50	ppb
Yttrium	89-1				115		%
Yttrium	89-2				105		%
Zinc	66-2	1002.13	1016.48	1001.52	1006.71	0.84	ppb
Zirconium	90-1	518.28	516.11	490.97	508.46	2.99	ppb
Zirconium	91-1	506.92	506.03	472.13	495.02	4.01	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:52:36	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44481.37	44837.77	44265.13	44528.09	0.65	ppb
Antimony	121-1	482.90	482.27	480.42	481.86	0.27	ppb
Arsenic	75-2	484.99	481.38	478.96	481.78	0.63	ppb
Barium	135-1	2386.09	2397.05	2377.45	2386.86	0.41	ppb
Barium	137-1	2452.01	2446.60	2431.81	2443.48	0.43	ppb
Beryllium	9-1	497.43	496.15	486.65	493.41	1.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				82		%
Boron	10-1	486.73	495.99	491.63	491.45	0.94	ppb
Boron	11-1	500.02	493.31	495.98	496.44	0.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	483.18	479.43	474.14	478.92	0.95	ppb
Cadmium	106-1	491.03	484.93	478.83	484.93	1.26	ppb
Cadmium	108-1	481.93	484.72	473.39	480.01	1.23	ppb
Calcium	43-1	235717.42	234448.57	231139.01	233768.34	1.01	ppb
Calcium	44-1	233217.54	232903.39	233018.95	233046.63	0.07	ppb
Chromium	52-2	473.65	472.36	472.86	472.96	0.14	ppb
Cobalt	59-2	466.59	462.90	462.50	464.00	0.49	ppb
Copper	63-2	4945.25	5002.92	5003.92	4984.03	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				107		%
Holmium	165-2				97		%
Indium	115-1				105		%
Indium	115-2				92		%
Iron	54-2	118468.07	118077.51	117110.59	117885.39	0.59	ppb
Iron	56-2	121063.75	120510.27	119336.93	120303.65	0.73	ppb
Iron	57-2	118571.09	117526.48	117782.52	117960.03	0.46	ppb
Krypton	83-1						cps
Lead	206-1	2453.14	2425.69	2465.71	2448.18	0.84	ppb
Lead	207-1	2433.08	2409.95	2381.25	2408.09	1.08	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:52:36	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2467.21	2426.83	2424.09	2439.37	0.99	ppb
Lithium	6-1				91		%
Magnesium	24-2	245298.81	242453.75	238640.27	242130.94	1.38	ppb
Manganese	55-2	4831.49	4779.67	4733.98	4781.72	1.02	ppb
Molybdenum	94-1	2412.82	2417.00	2434.01	2421.28	0.46	ppb
Molybdenum	95-1	2389.02	2382.25	2390.56	2387.28	0.19	ppb
Molybdenum	96-1	2405.27	2405.47	2420.79	2410.51	0.37	ppb
Molybdenum	97-1	2387.06	2387.52	2431.25	2401.95	1.06	ppb
Molybdenum	98-1	2387.59	2399.43	2406.30	2397.77	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.23	460.31	459.62	460.39	0.17	ppb
Phosphorus	31-2	9610.51	9642.09	9517.53	9590.05	0.68	ppb
Potassium	39-2	120701.96	118622.71	116754.56	118693.08	1.66	ppb
Rhodium	103-1				99		%
Rhodium	103-2				90		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	82-1	476.65	470.74	482.60	476.66	1.24	ppb
Selenium	77-2	520.58	495.69	488.68	501.65	3.34	ppb
Selenium	78-2	499.53	482.19	489.49	490.40	1.77	ppb
Silicon	28-1	578.68	588.96	587.17	584.94	0.94	ppb
Silver	109-1	480.61	488.52	476.98	482.04	1.22	ppb
Silver	107-1	479.18	483.05	480.91	481.05	0.40	ppb
Sodium	23-2	244560.40	246291.24	243950.17	244933.94	0.50	ppb
Strontium	86-1	474.88	473.24	479.99	476.04	0.74	ppb
Strontium	88-1	489.65	477.17	488.09	484.97	1.40	ppb
Sulfur	34-1	8642.15	8653.37	8231.35	8508.96	2.83	ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	468.49	463.68	471.91	468.03	0.88	ppb
Thallium	205-1	495.70	490.08	498.65	494.81	0.88	ppb
Thorium	232-1	473.70	462.89	467.34	467.98	1.16	ppb
Tin	118-1	491.13	485.42	480.33	485.63	1.11	ppb
Titanium	47-1	2388.77	2387.69	2367.75	2381.40	0.50	ppb
Uranium	238-1	464.47	470.62	484.51	473.20	2.17	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:52:36	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	474.84	475.05	472.28	474.06	0.33	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	5145.83	5082.21	5080.54	5102.86	0.73	ppb
Zirconium	90-1	488.67	482.24	480.51	483.80	0.89	ppb
Zirconium	91-1	474.17	469.03	478.57	473.92	1.01	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:58:43	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.28	1.46	1.05	1.26	15.92	ppb
Antimony	121-1	0.07	0.07	0.08	0.07	3.14	ppb
Arsenic	75-2	0.00	0.01	0.02	0.01	137.93	ppb
Barium	135-1	0.08	0.05	0.09	0.07	32.28	ppb
Barium	137-1	0.06	0.05	0.07	0.06	12.75	ppb
Beryllium	9-1	0.05	0.04	0.05	0.05	11.69	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	20.30	18.44	21.26	20.00	7.16	ppb
Boron	11-1	20.60	19.86	19.25	19.90	3.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.16	-0.13	-0.23	-0.17		ppb
Cadmium	106-1	-2.11	-1.71	-2.98	-2.27		ppb
Cadmium	108-1	0.15	0.09	0.01	0.08	80.29	ppb
Calcium	43-1	3.78	4.83	3.65	4.08	15.85	ppb
Calcium	44-1	1.77	0.81	2.08	1.55	42.80	ppb
Chromium	52-2	0.03	0.06	0.02	0.03	60.34	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	12.10	ppb
Copper	63-2	0.81	0.77	0.71	0.76	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				100		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	3.88	3.62	3.21	3.57	9.58	ppb
Iron	56-2	3.21	3.51	2.77	3.17	11.73	ppb
Iron	57-2	2.26	1.80	2.20	2.09	11.95	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.24	0.20	0.22	8.27	ppb
Lead	207-1	0.22	0.20	0.21	0.21	5.08	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:58:43	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.23	0.22	0.20	0.22	7.22	ppb
Lithium	6-1				94		%
Magnesium	24-2	6.24	5.85	6.15	6.08	3.37	ppb
Manganese	55-2	0.12	0.12	0.10	0.11	12.34	ppb
Molybdenum	94-1	0.07	0.17	0.10	0.11	45.88	ppb
Molybdenum	95-1	0.12	0.08	0.09	0.10	19.10	ppb
Molybdenum	96-1	0.11	0.09	0.10	0.10	11.68	ppb
Molybdenum	97-1	0.09	0.11	0.09	0.10	9.96	ppb
Molybdenum	98-1	0.10	0.10	0.09	0.09	7.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-2.09	1.85	-4.66	-1.64		ppb
Potassium	39-2	25.63	15.82	2.35	14.60	80.08	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.33	-0.34	0.55	0.18	257.02	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-0.76	-1.28	-0.67		ppb
Silicon	28-1	5.48	0.14	1.54	2.39	115.99	ppb
Silver	109-1	0.12	0.13	0.12	0.12	2.89	ppb
Silver	107-1	0.11	0.12	0.11	0.11	7.84	ppb
Sodium	23-2	36.46	35.89	29.55	33.97	11.30	ppb
Strontium	86-1	0.00	0.02	0.01	0.01	97.35	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	16.46	ppb
Sulfur	34-1	-497.46	-760.11	-698.15	-651.91		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.01	0.01	0.01	44.56	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	3.89	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	6.19	ppb
Tin	118-1	0.07	0.06	0.02	0.05	45.31	ppb
Titanium	47-1	0.06	0.09	0.06	0.07	22.62	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	34.26	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:58:43	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.02	0.01	0.01	52.00	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	-0.10	0.13	0.00	0.01	1632.26	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	32.75	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	35.14	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-05	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:02:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17664.99	17549.48	17533.55	17582.67	0.41	ppb
Antimony	121-1	493.27	491.03	492.29	492.20	0.23	ppb
Arsenic	75-2	503.75	503.07	500.03	502.28	0.39	ppb
Barium	135-1	2385.15	2409.70	2403.38	2399.41	0.53	ppb
Barium	137-1	2461.44	2468.75	2458.36	2462.85	0.22	ppb
Beryllium	9-1	513.42	519.51	513.34	515.42	0.69	ppb
Bismuth	209-1				110		%
Bismuth	209-2				92		%
Boron	10-1	452.33	473.59	469.80	465.24	2.44	ppb
Boron	11-1	467.90	472.61	467.77	469.43	0.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	510.74	504.02	506.68	507.14	0.67	ppb
Cadmium	106-1	518.79	512.21	510.95	513.98	0.82	ppb
Cadmium	108-1	515.54	506.03	503.41	508.33	1.26	ppb
Calcium	43-1	114398.70	113636.55	114194.40	114076.55	0.35	ppb
Calcium	44-1	107399.46	107213.93	106204.07	106939.16	0.60	ppb
Chromium	52-2	505.40	502.28	502.14	503.27	0.37	ppb
Cobalt	59-2	500.63	498.98	499.03	499.55	0.19	ppb
Copper	63-2	931.27	922.47	920.59	924.78	0.62	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				102		%
Indium	115-1				114		%
Indium	115-2				99		%
Iron	54-2	37546.05	37740.24	37284.42	37523.57	0.61	ppb
Iron	56-2	37688.83	37238.56	37099.86	37342.42	0.82	ppb
Iron	57-2	38208.16	38263.74	38184.43	38218.78	0.11	ppb
Krypton	83-1						cps
Lead	206-1	463.05	470.68	465.03	466.25	0.85	ppb
Lead	207-1	444.07	456.81	441.31	447.39	1.85	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-05 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:02:12 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	489.63	498.95	493.32	493.97	0.95	ppb
Lithium	6-1				99		%
Magnesium	24-2	46535.79	46278.75	46273.71	46362.75	0.32	ppb
Manganese	55-2	1658.71	1653.90	1652.87	1655.16	0.19	ppb
Molybdenum	94-1	2227.85	2262.81	2296.59	2262.41	1.52	ppb
Molybdenum	95-1	2152.89	2153.94	2200.53	2169.12	1.25	ppb
Molybdenum	96-1	2135.29	2165.90	2217.24	2172.81	1.91	ppb
Molybdenum	97-1	2117.75	2168.47	2213.61	2166.61	2.21	ppb
Molybdenum	98-1	2115.05	2176.47	2201.20	2164.24	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.47	513.30	515.86	515.21	0.33	ppb
Phosphorus	31-2	395.68	406.74	426.06	409.49	3.75	ppb
Potassium	39-2	24296.69	24546.62	24666.45	24503.26	0.77	ppb
Rhodium	103-1				110		%
Rhodium	103-2				99		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	82-1	467.93	480.67	480.73	476.44	1.55	ppb
Selenium	77-2	508.61	541.65	526.89	525.72	3.15	ppb
Selenium	78-2	481.94	493.50	493.19	489.54	1.34	ppb
Silicon	28-1	1113.91	1322.23	1072.08	1169.41	11.46	ppb
Silver	109-1	261.10	313.91	773.83	449.62	62.72	ppb
Silver	107-1	248.53	267.95	226.75	247.74	8.32	ppb
Sodium	23-2	45749.97	45532.61	46221.75	45834.78	0.77	ppb
Strontium	86-1	496.30	501.18	504.50	500.66	0.82	ppb
Strontium	88-1	513.28	511.13	517.46	513.96	0.63	ppb
Sulfur	34-1	-2034.94	-1838.76	-2045.40	-1973.03		ppb
Terbium	159-1				116		%
Terbium	159-2				102		%
Thallium	203-1	468.75	470.36	472.34	470.48	0.38	ppb
Thallium	205-1	500.71	507.86	501.80	503.46	0.77	ppb
Thorium	232-1	10.35	10.56	10.39	10.43	1.06	ppb
Tin	118-1	471.95	468.53	468.08	469.52	0.45	ppb
Titanium	47-1	2246.31	2268.90	2279.27	2264.83	0.74	ppb
Uranium	238-1	456.71	460.75	449.95	455.80	1.20	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-05	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:02:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	527.02	523.28	520.64	523.64	0.61	ppb
Yttrium	89-1				119		%
Yttrium	89-2				106		%
Zinc	66-2	1001.95	998.78	997.97	999.56	0.21	ppb
Zirconium	90-1	487.10	492.70	493.09	490.97	0.68	ppb
Zirconium	91-1	474.95	475.55	485.78	478.76	1.27	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03A Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:05:34 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18601.00	18512.09	18159.17	18424.09	1.27	ppb
Antimony	121-1	495.42	498.25	500.21	497.96	0.48	ppb
Arsenic	75-2	508.77	502.63	504.41	505.27	0.62	ppb
Barium	135-1	2378.88	2401.02	2419.01	2399.64	0.84	ppb
Barium	137-1	2476.31	2470.68	2537.60	2494.86	1.49	ppb
Beryllium	9-1	523.76	516.58	511.86	517.40	1.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				90		%
Boron	10-1	490.57	491.02	484.65	488.74	0.73	ppb
Boron	11-1	487.76	495.21	493.08	492.01	0.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	508.84	518.85	507.84	511.84	1.19	ppb
Cadmium	106-1	513.12	525.84	521.75	520.24	1.25	ppb
Cadmium	108-1	506.66	520.89	510.10	512.55	1.45	ppb
Calcium	43-1	152337.89	153894.51	152144.21	152792.20	0.63	ppb
Calcium	44-1	143762.19	144700.78	143924.35	144129.11	0.35	ppb
Chromium	52-2	510.87	510.72	494.09	505.23	1.91	ppb
Cobalt	59-2	500.12	505.49	490.95	498.85	1.47	ppb
Copper	63-2	915.25	921.32	895.41	910.66	1.49	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				115		%
Holmium	165-2				101		%
Indium	115-1				113		%
Indium	115-2				98		%
Iron	54-2	39513.69	39089.13	37886.65	38829.83	2.17	ppb
Iron	56-2	38593.95	38948.79	37641.78	38394.84	1.76	ppb
Iron	57-2	40020.37	40143.15	38907.23	39690.25	1.72	ppb
Krypton	83-1						cps
Lead	206-1	478.22	480.97	475.59	478.26	0.56	ppb
Lead	207-1	455.76	453.87	455.45	455.03	0.22	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03A	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:05:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	501.20	505.06	503.43	503.23	0.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	47254.88	46895.33	46018.31	46722.84	1.36	ppb
Manganese	55-2	1626.56	1640.11	1597.00	1621.22	1.36	ppb
Molybdenum	94-1	2239.48	2311.33	2257.33	2269.38	1.65	ppb
Molybdenum	95-1	2145.18	2213.98	2179.10	2179.42	1.58	ppb
Molybdenum	96-1	2146.93	2197.79	2184.41	2176.38	1.21	ppb
Molybdenum	97-1	2172.75	2176.37	2166.11	2171.74	0.24	ppb
Molybdenum	98-1	2141.10	2166.21	2167.55	2158.29	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.53	519.46	505.78	514.59	1.49	ppb
Phosphorus	31-2	425.57	417.78	449.27	430.87	3.81	ppb
Potassium	39-2	24579.87	25206.52	24544.95	24777.11	1.50	ppb
Rhodium	103-1				110		%
Rhodium	103-2				98		%
Scandium	45-1				112		%
Scandium	45-2				100		%
Selenium	82-1	474.01	484.38	480.17	479.52	1.09	ppb
Selenium	77-2	499.77	526.54	529.48	518.60	3.16	ppb
Selenium	78-2	502.10	494.91	494.98	497.33	0.83	ppb
Silicon	28-1	1093.87	1260.94	1120.27	1158.36	7.75	ppb
Silver	109-1	353.58	365.39	574.52	431.16	28.83	ppb
Silver	107-1	251.00	1373.59	169.06	597.88	112.57	ppb
Sodium	23-2	46780.20	47023.96	46183.30	46662.48	0.93	ppb
Strontium	86-1	514.12	519.95	516.24	516.77	0.57	ppb
Strontium	88-1	526.80	522.54	520.11	523.15	0.65	ppb
Sulfur	34-1	-2364.34	-2352.55	-2422.07	-2379.65		ppb
Terbium	159-1				115		%
Terbium	159-2				101		%
Thallium	203-1	481.02	478.34	472.54	477.30	0.91	ppb
Thallium	205-1	507.68	513.34	498.70	506.58	1.46	ppb
Thorium	232-1	10.58	10.50	10.53	10.54	0.38	ppb
Tin	118-1	463.19	471.75	473.01	469.32	1.14	ppb
Titanium	47-1	2237.84	2267.75	2241.73	2249.11	0.72	ppb
Uranium	238-1	470.12	469.45	471.77	470.45	0.25	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03A	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:05:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	531.47	530.39	518.18	526.68	1.40	ppb
Yttrium	89-1				118		%
Yttrium	89-2				105		%
Zinc	66-2	987.81	992.17	969.29	983.09	1.24	ppb
Zirconium	90-1	491.26	495.68	492.49	493.14	0.46	ppb
Zirconium	91-1	484.67	482.64	481.68	483.00	0.32	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03LX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 12:08:55 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2108.36	2098.74	2038.20	2081.77	1.83	ppb
Antimony	121-1	0.28	0.25	0.24	0.26	7.98	ppb
Arsenic	75-2	1.66	1.82	1.93	1.80	7.56	ppb
Barium	135-1	34.17	33.06	33.24	33.49	1.78	ppb
Barium	137-1	34.68	33.53	33.38	33.86	2.09	ppb
Beryllium	9-1	0.29	0.27	0.29	0.28	4.16	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	44.20	40.94	40.67	41.94	4.68	ppb
Boron	11-1	44.02	42.36	40.89	42.42	3.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	-0.05	-0.08	-0.04		ppb
Cadmium	106-1	-0.91	-1.82	-2.51	-1.75		ppb
Cadmium	108-1	0.64	0.46	0.53	0.54	16.61	ppb
Calcium	43-1	29827.93	29512.53	29218.91	29519.79	1.03	ppb
Calcium	44-1	28139.52	27690.26	26895.80	27575.19	2.28	ppb
Chromium	52-2	3.68	3.74	3.79	3.74	1.49	ppb
Cobalt	59-2	1.99	1.92	1.88	1.93	2.69	ppb
Copper	63-2	4.39	4.46	4.49	4.45	1.17	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				110		%
Indium	115-2				99		%
Iron	54-2	3517.14	3410.68	3389.12	3438.98	1.99	ppb
Iron	56-2	3365.13	3329.94	3282.46	3325.84	1.25	ppb
Iron	57-2	3476.24	3445.17	3381.20	3434.20	1.41	ppb
Krypton	83-1						cps
Lead	206-1	6.14	6.12	6.08	6.11	0.49	ppb
Lead	207-1	5.41	5.42	5.29	5.37	1.38	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:08:55	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5.80	5.82	5.74	5.79	0.78	ppb
Lithium	6-1				93		%
Magnesium	24-2	410.05	410.99	404.72	408.59	0.83	ppb
Manganese	55-2	144.67	144.63	141.31	143.54	1.34	ppb
Molybdenum	94-1	6.66	6.66	6.56	6.63	0.90	ppb
Molybdenum	95-1	0.45	0.42	0.50	0.46	8.93	ppb
Molybdenum	96-1	1.11	1.19	1.13	1.14	3.82	ppb
Molybdenum	97-1	0.44	0.46	0.44	0.45	2.70	ppb
Molybdenum	98-1	0.48	0.40	0.42	0.43	9.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.31	3.26	3.44	3.34	2.73	ppb
Phosphorus	31-2	89.83	77.24	86.87	84.65	7.78	ppb
Potassium	39-2	487.98	476.87	490.54	485.13	1.50	ppb
Rhodium	103-1				109		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	-0.03	0.75	-0.19	0.18	285.15	ppb
Selenium	77-2	5.20	3.59	5.51	4.77	21.66	ppb
Selenium	78-2	0.63	1.51	0.35	0.83	73.34	ppb
Silicon	28-1	103.52	130.87	100.15	111.51	15.11	ppb
Silver	109-1	0.24	0.21	0.21	0.22	6.70	ppb
Silver	107-1	0.23	0.20	0.23	0.22	7.23	ppb
Sodium	23-2	89.97	90.49	91.28	90.58	0.73	ppb
Strontium	86-1	11.72	12.13	12.09	11.98	1.91	ppb
Strontium	88-1	12.57	12.31	12.38	12.42	1.10	ppb
Sulfur	34-1	-1420.72	-1577.70	-1654.34	-1550.92		ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.08	0.07	0.08	12.73	ppb
Thallium	205-1	0.07	0.09	0.08	0.08	11.50	ppb
Thorium	232-1	1.97	2.00	1.93	1.97	1.67	ppb
Tin	118-1	1.08	1.09	1.09	1.09	0.53	ppb
Titanium	47-1	9.24	9.79	9.32	9.45	3.16	ppb
Uranium	238-1	0.28	0.27	0.25	0.26	4.71	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:08:55	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	7.72	7.50	7.68	7.63	1.49	ppb
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	32.74	32.31	32.08	32.38	1.03	ppb
Zirconium	90-1	4.10	4.06	3.91	4.02	2.47	ppb
Zirconium	91-1	3.75	3.78	3.75	3.76	0.43	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-06 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC3-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:12:25 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113421.91	112797.70	112587.48	112935.70	0.38	ppb
Antimony	121-1	0.12	0.10	0.13	0.12	13.08	ppb
Arsenic	75-2	23.74	23.36	23.65	23.58	0.84	ppb
Barium	135-1	1363.83	1369.80	1356.63	1363.42	0.48	ppb
Barium	137-1	1375.78	1377.31	1370.07	1374.39	0.28	ppb
Beryllium	9-1	11.75	11.31	11.15	11.40	2.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				90		%
Boron	10-1	32.17	31.20	31.73	31.70	1.54	ppb
Boron	11-1	33.18	32.28	31.42	32.29	2.73	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	4.11	4.04	3.77	3.97	4.58	ppb
Cadmium	106-1	24.51	23.76	20.70	22.99	8.77	ppb
Cadmium	108-1	10.80	9.98	9.71	10.16	5.55	ppb
Calcium	43-1	298545.60	303051.03	301961.10	301185.91	0.78	ppb
Calcium	44-1	297673.89	301736.15	300198.85	299869.63	0.68	ppb
Chromium	52-2	97.24	97.63	97.29	97.38	0.22	ppb
Cobalt	59-2	71.53	71.51	71.61	71.55	0.08	ppb
Copper	63-2	86.53	87.43	87.00	86.99	0.52	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				105		%
Indium	115-1				117		%
Indium	115-2				101		%
Iron	54-2	72779.18	72427.41	73206.89	72804.49	0.54	ppb
Iron	56-2	72883.96	73460.58	73228.75	73191.10	0.40	ppb
Iron	57-2	73504.32	72166.65	71858.40	72509.79	1.21	ppb
Krypton	83-1						cps
Lead	206-1	136.48	137.53	134.14	136.05	1.28	ppb
Lead	207-1	119.46	117.69	117.70	118.28	0.86	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-06	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC3-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:12:25	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	129.27	128.33	126.75	128.12	1.00	ppb
Lithium	6-1				98		%
Magnesium	24-2	21910.60	22055.32	21934.07	21966.66	0.35	ppb
Manganese	55-2	5442.11	5516.49	5500.34	5486.31	0.71	ppb
Molybdenum	94-1	72.81	73.55	73.62	73.33	0.61	ppb
Molybdenum	95-1	0.30	0.29	0.29	0.29	1.40	ppb
Molybdenum	96-1	9.25	9.39	9.44	9.36	1.05	ppb
Molybdenum	97-1	0.23	0.24	0.32	0.26	18.58	ppb
Molybdenum	98-1	0.22	0.26	0.23	0.24	9.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.51	124.67	125.25	125.14	0.34	ppb
Phosphorus	31-2	1279.98	1281.56	1383.62	1315.05	4.52	ppb
Potassium	39-2	22662.93	22551.17	22716.15	22643.42	0.37	ppb
Rhodium	103-1				111		%
Rhodium	103-2				100		%
Scandium	45-1				122		%
Scandium	45-2				109		%
Selenium	82-1	2.71	3.25	2.62	2.86	11.77	ppb
Selenium	77-2	90.51	87.74	87.81	88.69	1.78	ppb
Selenium	78-2	13.17	12.32	15.40	13.63	11.66	ppb
Silicon	28-1	2857.15	2856.04	2888.59	2867.26	0.64	ppb
Silver	109-1	0.91	0.83	0.87	0.87	4.41	ppb
Silver	107-1	1.00	1.01	0.97	0.99	2.41	ppb
Sodium	23-2	1492.62	1481.24	1498.47	1490.78	0.59	ppb
Strontium	86-1	176.01	174.83	176.34	175.73	0.45	ppb
Strontium	88-1	178.86	176.26	181.88	179.00	1.57	ppb
Sulfur	34-1	-2700.68	-2543.29	-2621.53	-2621.83		ppb
Terbium	159-1				120		%
Terbium	159-2				107		%
Thallium	203-1	2.19	2.18	2.08	2.15	2.72	ppb
Thallium	205-1	2.12	2.10	2.07	2.09	1.18	ppb
Thorium	232-1	59.12	58.13	57.94	58.40	1.09	ppb
Tin	118-1	0.63	0.63	0.66	0.64	2.23	ppb
Titanium	47-1	20.96	22.28	18.44	20.56	9.49	ppb
Uranium	238-1	2.02	1.95	1.98	1.99	1.63	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-06	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC3-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:12:25	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	87.95	87.39	87.35	87.56	0.38	ppb
Yttrium	89-1				165		%
Yttrium	89-2				147		%
Zinc	66-2	240.46	240.03	241.48	240.65	0.31	ppb
Zirconium	90-1	47.69	47.31	47.59	47.53	0.41	ppb
Zirconium	91-1	45.50	45.95	46.20	45.88	0.77	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-01 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC1-SO-0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:15:53 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53784.88	54174.01	54579.55	54179.48	0.73	ppb
Antimony	121-1	0.25	0.29	0.28	0.27	7.59	ppb
Arsenic	75-2	56.11	56.68	56.22	56.34	0.54	ppb
Barium	135-1	548.12	545.51	554.37	549.34	0.83	ppb
Barium	137-1	548.97	551.65	560.68	553.77	1.11	ppb
Beryllium	9-1	7.36	7.39	7.59	7.45	1.68	ppb
Bismuth	209-1				93		%
Bismuth	209-2				77		%
Boron	10-1	25.15	29.06	25.52	26.58	8.12	ppb
Boron	11-1	27.78	28.71	29.59	28.69	3.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	37.91	38.28	38.28	38.16	0.56	ppb
Cadmium	106-1	59.33	64.06	64.30	62.56	4.48	ppb
Cadmium	108-1	41.92	42.34	41.23	41.83	1.34	ppb
Calcium	43-1	2877920.97	3011592.90	2904319.89	2931277.92	2.42	ppb
Calcium	44-1	2924024.06	3020636.46	2926998.76	2957219.76	1.86	ppb
Chromium	52-2	194.59	193.30	191.45	193.11	0.82	ppb
Cobalt	59-2	43.56	43.74	43.05	43.45	0.82	ppb
Copper	63-2	103.13	102.15	101.85	102.38	0.65	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				96		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	54-2	103664.92	102270.43	102699.01	102878.12	0.69	ppb
Iron	56-2	103108.92	103384.72	102500.04	102997.89	0.44	ppb
Iron	57-2	110122.91	109888.01	107649.33	109220.08	1.25	ppb
Krypton	83-1						cps
Lead	206-1	378.88	378.21	382.00	379.70	0.53	ppb
Lead	207-1	339.51	336.37	339.86	338.58	0.57	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:15:53	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	364.67	360.09	364.05	362.94	0.68	ppb
Lithium	6-1				90		%
Magnesium	24-2	18247.50	18230.41	18152.46	18210.12	0.28	ppb
Manganese	55-2	5551.09	5555.34	5538.48	5548.31	0.16	ppb
Molybdenum	94-1	87.36	87.32	87.78	87.49	0.29	ppb
Molybdenum	95-1	0.94	0.94	1.01	0.96	4.01	ppb
Molybdenum	96-1	12.04	11.89	11.96	11.96	0.62	ppb
Molybdenum	97-1	0.98	0.87	0.84	0.90	8.51	ppb
Molybdenum	98-1	0.90	0.88	0.83	0.87	4.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.03	95.13	94.83	94.66	0.60	ppb
Phosphorus	31-2	17351.76	17158.72	17045.19	17185.22	0.90	ppb
Potassium	39-2	12116.25	12191.73	12084.21	12130.73	0.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				86		%
Scandium	45-1				115		%
Scandium	45-2				110		%
Selenium	82-1	5.06	4.15	4.88	4.69	10.30	ppb
Selenium	77-2	73.02	73.45	75.21	73.89	1.57	ppb
Selenium	78-2	15.59	12.89	13.54	14.01	10.05	ppb
Silicon	28-1	3359.54	3791.91	3443.76	3531.73	6.49	ppb
Silver	109-1	0.57	0.55	0.55	0.56	2.36	ppb
Silver	107-1	0.67	0.68	0.66	0.67	1.99	ppb
Sodium	23-2	1815.01	1835.53	1812.33	1820.96	0.70	ppb
Strontium	86-1	1602.92	1619.06	1605.64	1609.21	0.54	ppb
Strontium	88-1	1626.78	1654.41	1655.21	1645.47	0.98	ppb
Sulfur	34-1	-250.04	77.76	-435.27	-202.52		ppb
Terbium	159-1				110		%
Terbium	159-2				96		%
Thallium	203-1	1.24	1.31	1.30	1.28	3.01	ppb
Thallium	205-1	1.23	1.27	1.25	1.25	1.30	ppb
Thorium	232-1	25.06	25.17	25.26	25.16	0.40	ppb
Tin	118-1	0.93	0.89	0.88	0.90	2.83	ppb
Titanium	47-1	30.15	32.04	30.20	30.80	3.50	ppb
Uranium	238-1	7.23	7.25	7.27	7.25	0.30	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:15:53	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	282.96	280.78	279.25	281.00	0.66	ppb
Yttrium	89-1				172		%
Yttrium	89-2				155		%
Zinc	66-2	569.79	563.94	561.17	564.97	0.78	ppb
Zirconium	90-1	56.91	56.79	56.68	56.79	0.21	ppb
Zirconium	91-1	54.43	55.04	54.42	54.63	0.65	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-02 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC2-SO-0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:19:21 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67144.12	65449.01	61548.49	64713.87	4.43	ppb
Antimony	121-1	0.09	0.11	0.11	0.10	13.41	ppb
Arsenic	75-2	49.25	47.93	45.73	47.64	3.73	ppb
Barium	135-1	1053.62	1052.64	1074.97	1060.41	1.19	ppb
Barium	137-1	1069.76	1068.75	1089.79	1076.10	1.10	ppb
Beryllium	9-1	7.57	7.52	7.44	7.51	0.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				83		%
Boron	10-1	20.70	20.23	21.45	20.79	2.95	ppb
Boron	11-1	21.38	20.47	21.16	21.00	2.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	4.97	4.99	5.41	5.12	4.82	ppb
Cadmium	106-1	18.46	18.21	21.69	19.46	9.97	ppb
Cadmium	108-1	8.13	7.74	7.99	7.95	2.45	ppb
Calcium	43-1	2543501.09	2543088.27	2547278.02	2544622.46	0.09	ppb
Calcium	44-1	2529952.30	2554887.43	2567148.09	2550662.61	0.74	ppb
Chromium	52-2	99.16	97.46	92.24	96.28	3.75	ppb
Cobalt	59-2	61.02	59.58	56.76	59.12	3.67	ppb
Copper	63-2	84.18	83.23	78.11	81.84	3.99	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				115		%
Holmium	165-2				104		%
Indium	115-1				113		%
Indium	115-2				101		%
Iron	54-2	93241.49	91754.83	86968.99	90655.11	3.62	ppb
Iron	56-2	94316.14	91912.46	87248.18	91158.93	3.94	ppb
Iron	57-2	97999.00	97200.18	92607.91	95935.70	3.03	ppb
Krypton	83-1						cps
Lead	206-1	128.92	125.54	130.60	128.36	2.01	ppb
Lead	207-1	112.76	108.87	112.77	111.47	2.02	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-02	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC2-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:19:21	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	121.17	117.25	122.93	120.45	2.41	ppb
Lithium	6-1				99		%
Magnesium	24-2	23415.85	22676.80	21923.79	22672.14	3.29	ppb
Manganese	55-2	4569.31	4426.98	4251.03	4415.78	3.61	ppb
Molybdenum	94-1	42.75	42.30	42.58	42.54	0.53	ppb
Molybdenum	95-1	0.76	0.68	0.73	0.72	5.80	ppb
Molybdenum	96-1	6.21	6.12	7.13	6.48	8.61	ppb
Molybdenum	97-1	0.69	0.65	0.69	0.68	3.37	ppb
Molybdenum	98-1	0.67	0.63	0.65	0.65	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.60	110.12	104.28	109.00	3.92	ppb
Phosphorus	31-2	2130.36	1983.65	1867.51	1993.84	6.61	ppb
Potassium	39-2	14849.30	14442.11	14028.20	14439.87	2.84	ppb
Rhodium	103-1				105		%
Rhodium	103-2				93		%
Scandium	45-1				120		%
Scandium	45-2				113		%
Selenium	82-1	4.90	4.65	4.69	4.75	2.77	ppb
Selenium	77-2	61.62	61.61	57.12	60.11	4.32	ppb
Selenium	78-2	10.90	9.17	10.93	10.33	9.72	ppb
Silicon	28-1	3564.21	3555.98	3689.98	3603.39	2.08	ppb
Silver	109-1	0.30	0.28	0.30	0.29	4.19	ppb
Silver	107-1	0.29	0.36	0.33	0.33	10.06	ppb
Sodium	23-2	1077.95	1046.39	1000.19	1041.51	3.76	ppb
Strontium	86-1	695.61	685.56	696.01	692.39	0.86	ppb
Strontium	88-1	721.88	702.58	710.20	711.55	1.37	ppb
Sulfur	34-1	-746.40	-667.51	-362.21	-592.04		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	1.61	1.53	1.53	1.56	3.08	ppb
Thallium	205-1	1.54	1.53	1.60	1.56	2.43	ppb
Thorium	232-1	34.95	34.30	35.48	34.91	1.69	ppb
Tin	118-1	0.39	0.39	0.37	0.38	3.68	ppb
Titanium	47-1	11.31	14.36	11.22	12.30	14.53	ppb
Uranium	238-1	7.71	7.51	8.04	7.75	3.40	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-02	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC2-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:19:21	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	214.81	209.69	197.74	207.41	4.22	ppb
Yttrium	89-1				154		%
Yttrium	89-2				140		%
Zinc	66-2	189.74	187.40	177.57	184.90	3.49	ppb
Zirconium	90-1	27.64	27.50	27.37	27.51	0.49	ppb
Zirconium	91-1	26.79	26.24	26.58	26.53	1.04	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:22:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129994.21	129607.09	126282.06	128627.79	1.59	ppb
Antimony	121-1	0.09	0.06	0.08	0.08	16.55	ppb
Arsenic	75-2	23.48	23.40	23.57	23.48	0.35	ppb
Barium	135-1	1260.94	1246.16	1254.67	1253.92	0.59	ppb
Barium	137-1	1262.83	1252.67	1248.52	1254.67	0.59	ppb
Beryllium	9-1	12.77	13.10	12.78	12.88	1.48	ppb
Bismuth	209-1				110		%
Bismuth	209-2				89		%
Boron	10-1	15.77	16.59	17.84	16.73	6.25	ppb
Boron	11-1	17.70	18.61	18.74	18.35	3.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	5.61	5.56	5.36	5.51	2.40	ppb
Cadmium	106-1	26.89	26.24	23.39	25.51	7.29	ppb
Cadmium	108-1	9.56	8.72	9.60	9.29	5.35	ppb
Calcium	43-1	703662.92	690539.37	679072.30	691091.53	1.78	ppb
Calcium	44-1	700702.97	679212.15	682104.79	687339.97	1.70	ppb
Chromium	52-2	136.12	134.62	132.68	134.47	1.28	ppb
Cobalt	59-2	73.36	72.68	71.53	72.52	1.28	ppb
Copper	63-2	109.34	107.15	107.08	107.86	1.19	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				124		%
Holmium	165-2				107		%
Indium	115-1				122		%
Indium	115-2				103		%
Iron	54-2	92660.64	92222.04	89804.49	91562.39	1.68	ppb
Iron	56-2	94502.10	91928.76	90006.81	92145.89	2.45	ppb
Iron	57-2	93393.63	93979.68	91235.23	92869.51	1.56	ppb
Krypton	83-1						cps
Lead	206-1	237.85	238.38	239.67	238.63	0.39	ppb
Lead	207-1	205.91	206.91	208.51	207.11	0.63	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-03 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC3-SO-0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:22:50 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	223.12	225.43	225.01	224.52	0.55	ppb
Lithium	6-1				106		%
Magnesium	24-2	23677.79	23444.33	23317.27	23479.80	0.78	ppb
Manganese	55-2	3611.71	3517.85	3501.04	3543.53	1.68	ppb
Molybdenum	94-1	56.20	55.27	54.70	55.39	1.36	ppb
Molybdenum	95-1	0.28	0.26	0.30	0.28	7.34	ppb
Molybdenum	96-1	7.32	7.53	7.09	7.31	3.00	ppb
Molybdenum	97-1	0.26	0.29	0.26	0.27	6.49	ppb
Molybdenum	98-1	0.26	0.24	0.21	0.24	11.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.86	141.69	140.75	142.10	1.12	ppb
Phosphorus	31-2	1626.94	1653.54	1673.18	1651.22	1.41	ppb
Potassium	39-2	24918.66	24431.43	24523.41	24624.50	1.05	ppb
Rhodium	103-1				114		%
Rhodium	103-2				99		%
Scandium	45-1				128		%
Scandium	45-2				113		%
Selenium	82-1	3.19	2.97	3.52	3.23	8.63	ppb
Selenium	77-2	89.01	95.65	77.07	87.24	10.80	ppb
Selenium	78-2	15.08	15.99	12.76	14.61	11.40	ppb
Silicon	28-1	3486.45	3526.94	3479.58	3497.65	0.73	ppb
Silver	109-1	1.39	1.52	1.51	1.47	4.82	ppb
Silver	107-1	1.53	1.53	1.70	1.59	6.18	ppb
Sodium	23-2	2038.94	2003.08	2020.92	2020.98	0.89	ppb
Strontium	86-1	372.70	372.97	363.80	369.82	1.41	ppb
Strontium	88-1	381.19	377.23	373.98	377.47	0.96	ppb
Sulfur	34-1	-1851.39	-1912.20	-1972.69	-1912.10		ppb
Terbium	159-1				124		%
Terbium	159-2				106		%
Thallium	203-1	2.04	2.05	2.11	2.07	1.94	ppb
Thallium	205-1	1.94	2.02	2.04	2.00	2.70	ppb
Thorium	232-1	59.50	60.87	59.78	60.05	1.21	ppb
Tin	118-1	0.23	0.21	0.24	0.23	7.01	ppb
Titanium	47-1	9.64	9.34	10.04	9.67	3.62	ppb
Uranium	238-1	2.63	2.61	2.63	2.62	0.55	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:22:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	97.20	95.64	95.07	95.97	1.15	ppb
Yttrium	89-1				181		%
Yttrium	89-2				158		%
Zinc	66-2	578.65	570.17	565.23	571.35	1.19	ppb
Zirconium	90-1	36.60	36.26	35.21	36.02	2.01	ppb
Zirconium	91-1	34.99	34.66	33.87	34.50	1.67	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-01DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:26:18	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2778.07	2748.42	2696.87	2741.12	1.50	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	12.03	ppb
Arsenic	75-2	2.13	2.09	2.23	2.15	3.30	ppb
Barium	135-1	32.63	31.77	31.89	32.09	1.46	ppb
Barium	137-1	31.84	32.21	32.17	32.07	0.64	ppb
Beryllium	9-1	0.33	0.30	0.26	0.30	12.62	ppb
Bismuth	209-1				105		%
Bismuth	209-2				87		%
Boron	10-1	10.89	10.07	11.11	10.69	5.14	ppb
Boron	11-1	11.30	10.35	11.37	11.01	5.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.23	0.11	0.08	0.14	55.23	ppb
Cadmium	106-1	0.79	-0.84	-0.83	-0.29		ppb
Cadmium	108-1	0.99	0.62	0.77	0.79	23.64	ppb
Calcium	43-1	39668.50	38301.74	39063.90	39011.38	1.76	ppb
Calcium	44-1	37472.30	36437.93	36724.52	36878.25	1.45	ppb
Chromium	52-2	4.44	4.41	4.38	4.41	0.66	ppb
Cobalt	59-2	1.95	1.82	1.81	1.86	4.15	ppb
Copper	63-2	3.88	3.81	3.79	3.83	1.32	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				96		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	54-2	5421.81	5345.90	5225.12	5330.95	1.86	ppb
Iron	56-2	5292.21	5153.29	4988.87	5144.79	2.95	ppb
Iron	57-2	5378.14	5363.36	5181.76	5307.76	2.06	ppb
Krypton	83-1						cps
Lead	206-1	5.11	4.95	5.05	5.04	1.55	ppb
Lead	207-1	4.49	4.38	4.40	4.42	1.24	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-01DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:26:18	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4.79	4.71	4.82	4.77	1.23	ppb
Lithium	6-1				94		%
Magnesium	24-2	511.83	498.05	493.08	500.99	1.94	ppb
Manganese	55-2	96.11	94.04	92.75	94.30	1.80	ppb
Molybdenum	94-1	6.81	6.88	7.10	6.93	2.12	ppb
Molybdenum	95-1	0.25	0.25	0.26	0.25	3.46	ppb
Molybdenum	96-1	1.08	1.07	1.09	1.08	0.68	ppb
Molybdenum	97-1	0.20	0.30	0.26	0.25	20.23	ppb
Molybdenum	98-1	0.26	0.24	0.28	0.26	8.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.77	3.85	3.72	3.78	1.76	ppb
Phosphorus	31-2	117.39	101.75	102.82	107.32	8.14	ppb
Potassium	39-2	657.46	653.12	637.29	649.29	1.63	ppb
Rhodium	103-1				107		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	82-1	0.50	-0.15	-0.21	0.04	882.66	ppb
Selenium	77-2	4.70	5.00	4.62	4.77	4.14	ppb
Selenium	78-2	0.77	-0.60	-0.31	-0.05		ppb
Silicon	28-1	175.39	170.67	174.13	173.39	1.41	ppb
Silver	109-1	0.07	0.07	0.08	0.08	9.19	ppb
Silver	107-1	0.08	0.07	0.08	0.07	4.11	ppb
Sodium	23-2	74.06	70.31	68.77	71.05	3.83	ppb
Strontium	86-1	11.61	11.20	11.73	11.51	2.41	ppb
Strontium	88-1	12.21	11.91	11.91	12.01	1.44	ppb
Sulfur	34-1	453.20	280.01	209.56	314.26	39.90	ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	0.16	0.18	0.17	0.17	5.62	ppb
Thallium	205-1	0.15	0.16	0.15	0.16	2.23	ppb
Thorium	232-1	1.84	1.81	1.85	1.83	1.22	ppb
Tin	118-1	0.18	0.18	0.22	0.19	13.94	ppb
Titanium	47-1	4.11	3.96	3.65	3.91	5.99	ppb
Uranium	238-1	0.25	0.22	0.25	0.24	6.34	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-01DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:26:18	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	7.51	7.68	7.62	7.60	1.11	ppb
Yttrium	89-1				110		%
Yttrium	89-2				98		%
Zinc	66-2	18.24	18.88	18.74	18.62	1.82	ppb
Zirconium	90-1	4.53	4.50	4.39	4.47	1.60	ppb
Zirconium	91-1	4.40	4.15	4.28	4.28	2.88	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-02DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:29:48	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4757.05	4718.58	4513.83	4663.15	2.80	ppb
Antimony	121-1	0.04	0.06	0.04	0.05	24.99	ppb
Arsenic	75-2	3.35	3.37	3.23	3.32	2.23	ppb
Barium	135-1	56.39	58.45	58.48	57.77	2.08	ppb
Barium	137-1	57.99	57.19	58.23	57.80	0.94	ppb
Beryllium	9-1	0.47	0.37	0.49	0.44	15.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				86		%
Boron	10-1	9.18	10.69	9.60	9.82	7.98	ppb
Boron	11-1	9.51	9.68	10.14	9.78	3.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.54	0.49	0.57	0.53	8.20	ppb
Cadmium	106-1	2.79	2.34	3.12	2.75	14.31	ppb
Cadmium	108-1	1.18	1.54	1.15	1.29	16.87	ppb
Calcium	43-1	155595.12	158447.48	155715.19	156585.93	1.03	ppb
Calcium	44-1	145890.99	146804.29	146096.69	146263.99	0.33	ppb
Chromium	52-2	8.53	8.40	8.08	8.34	2.76	ppb
Cobalt	59-2	3.23	3.12	3.00	3.11	3.69	ppb
Copper	63-2	6.29	6.26	6.10	6.22	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				109		%
Holmium	165-2				97		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	54-2	6490.82	6455.42	6173.67	6373.30	2.73	ppb
Iron	56-2	6307.51	6180.01	5981.49	6156.34	2.67	ppb
Iron	57-2	6671.93	6668.65	6386.66	6575.75	2.49	ppb
Krypton	83-1						cps
Lead	206-1	9.16	9.30	9.23	9.23	0.76	ppb
Lead	207-1	7.99	8.06	8.11	8.05	0.73	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-02DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:29:48	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	8.73	8.75	8.72	8.73	0.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	1131.04	1134.49	1089.16	1118.23	2.26	ppb
Manganese	55-2	182.23	179.34	173.27	178.28	2.56	ppb
Molybdenum	94-1	10.54	10.14	10.16	10.28	2.19	ppb
Molybdenum	95-1	0.17	0.18	0.16	0.17	7.15	ppb
Molybdenum	96-1	1.45	1.35	1.50	1.43	5.28	ppb
Molybdenum	97-1	0.17	0.20	0.15	0.17	16.34	ppb
Molybdenum	98-1	0.15	0.18	0.16	0.16	9.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.16	6.17	6.09	6.14	0.73	ppb
Phosphorus	31-2	457.28	475.84	485.40	472.84	3.02	ppb
Potassium	39-2	1092.67	1109.52	1088.35	1096.85	1.02	ppb
Rhodium	103-1				107		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	0.17	0.75	0.52	0.48	61.40	ppb
Selenium	77-2	8.48	9.74	7.42	8.54	13.59	ppb
Selenium	78-2	0.59	1.64	0.26	0.83	86.32	ppb
Silicon	28-1	297.18	301.53	295.29	298.00	1.07	ppb
Silver	109-1	0.08	0.08	0.07	0.08	4.93	ppb
Silver	107-1	0.09	0.10	0.09	0.09	5.26	ppb
Sodium	23-2	109.14	107.15	103.76	106.68	2.55	ppb
Strontium	86-1	45.08	44.31	44.11	44.50	1.15	ppb
Strontium	88-1	46.45	45.57	45.74	45.92	1.02	ppb
Sulfur	34-1	878.68	1190.60	825.20	964.83	20.45	ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.18	0.15	0.18	0.17	8.51	ppb
Thallium	205-1	0.15	0.18	0.15	0.16	9.46	ppb
Thorium	232-1	2.65	2.70	2.68	2.68	1.03	ppb
Tin	118-1	0.20	0.16	0.17	0.18	10.93	ppb
Titanium	47-1	4.30	4.58	3.87	4.25	8.48	ppb
Uranium	238-1	0.43	0.42	0.44	0.43	1.93	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-02DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:29:48	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	12.38	12.38	11.91	12.22	2.22	ppb
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	24.33	24.52	22.51	23.78	4.67	ppb
Zirconium	90-1	6.71	6.55	6.74	6.67	1.52	ppb
Zirconium	91-1	6.43	6.38	6.55	6.45	1.33	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2106.81	2098.06	2072.01	2092.29	0.87	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	25.97	ppb
Arsenic	75-2	1.73	1.72	1.72	1.72	0.35	ppb
Barium	135-1	33.98	33.29	33.66	33.64	1.02	ppb
Barium	137-1	34.45	33.93	33.50	33.96	1.40	ppb
Beryllium	9-1	0.25	0.23	0.15	0.21	24.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				87		%
Boron	10-1	9.65	8.37	8.40	8.81	8.30	ppb
Boron	11-1	8.92	8.07	7.98	8.32	6.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.00	0.03	0.01	329.95	ppb
Cadmium	106-1	-1.05	-0.66	-0.87	-0.86		ppb
Cadmium	108-1	0.71	0.92	0.70	0.78	15.95	ppb
Calcium	43-1	29687.28	28763.91	29108.41	29186.54	1.60	ppb
Calcium	44-1	27842.47	27174.00	27043.44	27353.30	1.57	ppb
Chromium	52-2	3.72	3.78	3.66	3.72	1.65	ppb
Cobalt	59-2	1.94	2.01	1.90	1.95	2.67	ppb
Copper	63-2	4.13	4.11	3.94	4.06	2.53	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				97		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	54-2	3521.13	3485.44	3399.43	3468.66	1.80	ppb
Iron	56-2	3402.55	3385.39	3271.07	3353.01	2.13	ppb
Iron	57-2	3524.47	3476.51	3392.13	3464.37	1.93	ppb
Krypton	83-1						cps
Lead	206-1	6.14	5.95	5.89	5.99	2.15	ppb
Lead	207-1	5.45	5.20	5.15	5.27	3.10	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5.80	5.67	5.55	5.67	2.21	ppb
Lithium	6-1				94		%
Magnesium	24-2	398.83	408.16	395.45	400.81	1.64	ppb
Manganese	55-2	145.96	146.82	142.24	145.01	1.68	ppb
Molybdenum	94-1	6.38	6.02	6.18	6.19	2.93	ppb
Molybdenum	95-1	0.18	0.20	0.23	0.20	12.39	ppb
Molybdenum	96-1	0.93	1.00	0.99	0.98	3.77	ppb
Molybdenum	97-1	0.14	0.17	0.23	0.18	25.41	ppb
Molybdenum	98-1	0.20	0.19	0.22	0.20	7.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.40	3.30	3.16	3.29	3.64	ppb
Phosphorus	31-2	96.94	99.98	87.86	94.93	6.64	ppb
Potassium	39-2	493.45	483.90	482.32	486.56	1.24	ppb
Rhodium	103-1				109		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	82-1	-0.36	-0.09	0.48	0.01	4750.11	ppb
Selenium	77-2	5.97	6.01	4.61	5.53	14.45	ppb
Selenium	78-2	-0.79	-0.64	-0.22	-0.55		ppb
Silicon	28-1	96.23	86.72	98.39	93.78	6.62	ppb
Silver	109-1	0.05	0.04	0.05	0.05	20.97	ppb
Silver	107-1	0.06	0.05	0.04	0.05	15.93	ppb
Sodium	23-2	75.92	78.63	75.49	76.68	2.22	ppb
Strontium	86-1	12.17	11.81	12.30	12.09	2.12	ppb
Strontium	88-1	12.32	12.20	12.26	12.26	0.47	ppb
Sulfur	34-1	404.12	-52.54	74.36	141.98	166.02	ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.95	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	4.23	ppb
Thorium	232-1	1.90	1.91	1.87	1.90	1.29	ppb
Tin	118-1	0.98	0.94	0.92	0.95	3.70	ppb
Titanium	47-1	8.87	8.62	8.97	8.82	2.09	ppb
Uranium	238-1	0.25	0.23	0.24	0.24	4.70	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	7.85	7.70	7.81	7.79	0.97	ppb
Yttrium	89-1				110		%
Yttrium	89-2				98		%
Zinc	66-2	32.97	32.36	31.96	32.43	1.56	ppb
Zirconium	90-1	3.90	3.81	3.86	3.85	1.18	ppb
Zirconium	91-1	3.87	3.93	4.02	3.94	1.91	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:46:03	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45118.59	45701.33	44780.16	45200.03	1.03	ppb
Antimony	121-1	476.93	477.94	478.67	477.85	0.18	ppb
Arsenic	75-2	485.14	483.44	482.85	483.81	0.25	ppb
Barium	135-1	2368.15	2378.40	2384.91	2377.15	0.36	ppb
Barium	137-1	2463.08	2490.16	2470.59	2474.61	0.56	ppb
Beryllium	9-1	503.94	496.60	496.34	498.96	0.86	ppb
Bismuth	209-1				94		%
Bismuth	209-2				78		%
Boron	10-1	485.15	474.94	495.20	485.10	2.09	ppb
Boron	11-1	491.97	499.33	497.68	496.33	0.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	471.21	476.40	477.85	475.15	0.73	ppb
Cadmium	106-1	484.26	485.07	487.22	485.52	0.32	ppb
Cadmium	108-1	486.13	482.48	471.93	480.18	1.53	ppb
Calcium	43-1	231937.20	233158.60	232031.66	232375.82	0.29	ppb
Calcium	44-1	229235.42	232410.01	229830.35	230491.93	0.73	ppb
Chromium	52-2	474.40	480.85	470.38	475.21	1.11	ppb
Cobalt	59-2	469.94	464.08	459.65	464.55	1.11	ppb
Copper	63-2	5098.10	5127.20	5017.30	5080.87	1.12	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				95		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	54-2	120145.53	121393.53	117893.78	119810.95	1.48	ppb
Iron	56-2	122326.46	122995.57	119309.03	121543.69	1.62	ppb
Iron	57-2	120325.33	120799.39	119529.43	120218.05	0.53	ppb
Krypton	83-1						cps
Lead	206-1	2530.16	2491.57	2481.15	2500.96	1.03	ppb
Lead	207-1	2468.33	2439.47	2448.69	2452.17	0.60	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:46:03	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2472.61	2455.73	2456.92	2461.75	0.38	ppb
Lithium	6-1				88		%
Magnesium	24-2	243423.46	251679.78	242305.84	245803.02	2.08	ppb
Manganese	55-2	4867.06	4934.54	4726.45	4842.68	2.19	ppb
Molybdenum	94-1	2450.35	2418.38	2387.72	2418.82	1.29	ppb
Molybdenum	95-1	2441.32	2374.57	2318.35	2378.08	2.59	ppb
Molybdenum	96-1	2411.55	2375.70	2349.06	2378.77	1.32	ppb
Molybdenum	97-1	2402.36	2383.29	2338.16	2374.60	1.39	ppb
Molybdenum	98-1	2403.33	2372.00	2345.65	2373.66	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.25	466.25	457.54	463.34	1.09	ppb
Phosphorus	31-2	9671.79	9789.68	9525.63	9662.37	1.37	ppb
Potassium	39-2	119777.70	122042.23	117762.07	119860.67	1.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				89		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	82-1	473.41	475.02	466.23	471.55	0.99	ppb
Selenium	77-2	482.40	498.13	509.09	496.54	2.70	ppb
Selenium	78-2	502.49	501.61	491.13	498.41	1.27	ppb
Silicon	28-1	538.78	558.28	569.17	555.41	2.77	ppb
Silver	109-1	476.61	479.32	483.06	479.67	0.68	ppb
Silver	107-1	478.31	477.04	476.88	477.41	0.16	ppb
Sodium	23-2	249708.15	252643.51	249655.38	250669.01	0.68	ppb
Strontium	86-1	480.54	470.66	468.30	473.17	1.37	ppb
Strontium	88-1	493.11	490.44	487.48	490.34	0.57	ppb
Sulfur	34-1	9508.30	9661.04	9752.42	9640.59	1.28	ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	470.08	460.66	460.34	463.69	1.19	ppb
Thallium	205-1	506.48	501.66	496.85	501.66	0.96	ppb
Thorium	232-1	471.25	469.14	469.10	469.83	0.26	ppb
Tin	118-1	476.97	480.15	478.62	478.58	0.33	ppb
Titanium	47-1	2369.61	2393.88	2364.70	2376.06	0.66	ppb
Uranium	238-1	469.93	461.23	456.69	462.62	1.45	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:46:03	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	482.03	481.76	472.20	478.67	1.17	ppb
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	5180.47	5180.79	5109.00	5156.75	0.80	ppb
Zirconium	90-1	492.96	482.82	476.68	484.16	1.70	ppb
Zirconium	91-1	477.10	471.31	456.03	468.14	2.33	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:54:04	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	0.71	0.76	0.71	7.49	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	12.31	ppb
Arsenic	75-2	0.00	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.01	0.01	0.03	0.02	46.94	ppb
Barium	137-1	0.01	0.00	0.01	0.01	75.61	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	39.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				86		%
Boron	10-1	11.38	10.73	11.46	11.19	3.57	ppb
Boron	11-1	11.10	10.74	9.78	10.54	6.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.20	-0.14	-0.12	-0.15		ppb
Cadmium	106-1	-2.66	-1.75	-1.65	-2.02		ppb
Cadmium	108-1	0.06	0.14	-0.01	0.06	119.60	ppb
Calcium	43-1	-2.72	4.98	1.18	1.15	335.33	ppb
Calcium	44-1	-0.57	-3.57	-2.80	-2.31		ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	230.05	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	21.48	ppb
Copper	63-2	1.12	1.08	1.06	1.09	2.97	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				108		%
Holmium	165-2				97		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	54-2	0.50	3.14	0.04	1.22	136.74	ppb
Iron	56-2	1.77	2.02	1.47	1.76	15.57	ppb
Iron	57-2	3.16	1.87	1.76	2.26	34.43	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.16	0.19	11.23	ppb
Lead	207-1	0.18	0.17	0.20	0.18	8.86	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:54:04	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.20	0.18	0.19	0.19	4.05	ppb
Lithium	6-1				91		%
Magnesium	24-2	3.93	3.74	2.92	3.53	15.17	ppb
Manganese	55-2	0.10	0.12	0.08	0.10	18.68	ppb
Molybdenum	94-1	0.07	0.03	0.06	0.05	38.02	ppb
Molybdenum	95-1	0.06	0.06	0.04	0.05	18.79	ppb
Molybdenum	96-1	0.04	0.06	0.07	0.06	23.82	ppb
Molybdenum	97-1	0.05	0.06	0.07	0.06	21.49	ppb
Molybdenum	98-1	0.07	0.04	0.04	0.05	28.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.25	0.26	0.27	10.26	ppb
Phosphorus	31-2	4.86	-0.46	2.35	2.25	118.40	ppb
Potassium	39-2	21.20	14.67	13.67	16.51	24.74	ppb
Rhodium	103-1				109		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	82-1	-0.35	-0.33	0.16	-0.17		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	-1.04	-1.16	-0.79		ppb
Silicon	28-1	-4.97	-7.39	-6.83	-6.40		ppb
Silver	109-1	0.02	0.03	0.02	0.03	27.75	ppb
Silver	107-1	0.03	0.03	0.02	0.02	13.68	ppb
Sodium	23-2	24.82	24.42	23.31	24.18	3.23	ppb
Strontium	86-1	-0.10	-0.12	-0.02	-0.08		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	54.91	ppb
Sulfur	34-1	-106.41	-440.83	-238.58	-261.94		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.00	0.01	47.40	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	4.26	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	9.72	ppb
Tin	118-1	0.03	0.00	0.00	0.01	189.16	ppb
Titanium	47-1	0.03	0.00	0.00	0.01	208.73	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	61.03	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:54:04	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	74.14	ppb
Yttrium	89-1				108		%
Yttrium	89-2				98		%
Zinc	66-2	-0.28	-0.23	-0.10	-0.20		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	26.68	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	19.89	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03DUPDLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 12:57:35 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2105.96	2038.55	1980.18	2041.56	3.08	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	32.17	ppb
Arsenic	75-2	1.72	1.70	1.72	1.71	0.89	ppb
Barium	135-1	33.81	34.67	33.83	34.10	1.43	ppb
Barium	137-1	33.80	34.76	33.71	34.09	1.71	ppb
Beryllium	9-1	0.28	0.24	0.23	0.25	10.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				87		%
Boron	10-1	9.17	8.03	8.61	8.60	6.63	ppb
Boron	11-1	8.51	8.78	9.51	8.94	5.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	0.00	-0.01	0.03	180.90	ppb
Cadmium	106-1	0.46	-0.98	-0.91	-0.48		ppb
Cadmium	108-1	0.74	0.47	0.56	0.59	22.85	ppb
Calcium	43-1	27469.65	27991.68	27049.23	27503.52	1.72	ppb
Calcium	44-1	25505.81	26344.06	25685.99	25845.29	1.71	ppb
Chromium	52-2	3.78	3.67	3.59	3.68	2.58	ppb
Cobalt	59-2	1.88	1.87	1.87	1.87	0.51	ppb
Copper	63-2	3.71	3.73	3.60	3.68	1.89	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				108		%
Holmium	165-2				98		%
Indium	115-1				111		%
Indium	115-2				98		%
Iron	54-2	3417.51	3355.75	3286.64	3353.30	1.95	ppb
Iron	56-2	3281.43	3211.41	3178.23	3223.69	1.63	ppb
Iron	57-2	3368.48	3311.75	3288.92	3323.05	1.23	ppb
Krypton	83-1						cps
Lead	206-1	5.77	5.92	5.68	5.79	2.08	ppb
Lead	207-1	5.03	5.03	4.91	4.99	1.45	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:57:35	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5.40	5.52	5.38	5.44	1.34	ppb
Lithium	6-1				91		%
Magnesium	24-2	395.10	379.83	386.20	387.04	1.98	ppb
Manganese	55-2	146.59	143.50	142.11	144.07	1.59	ppb
Molybdenum	94-1	6.42	6.48	6.73	6.54	2.47	ppb
Molybdenum	95-1	0.23	0.25	0.24	0.24	5.14	ppb
Molybdenum	96-1	0.93	1.00	1.05	1.00	5.94	ppb
Molybdenum	97-1	0.20	0.23	0.24	0.23	8.76	ppb
Molybdenum	98-1	0.26	0.24	0.23	0.24	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.15	3.00	3.04	3.06	2.47	ppb
Phosphorus	31-2	86.78	88.33	106.21	93.77	11.51	ppb
Potassium	39-2	457.30	438.08	459.29	451.56	2.59	ppb
Rhodium	103-1				109		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	0.21	0.34	0.75	0.43	64.09	ppb
Selenium	77-2	3.95	3.23	2.67	3.28	19.59	ppb
Selenium	78-2	-0.33	-0.16	-0.71	-0.40		ppb
Silicon	28-1	117.54	129.77	130.69	126.00	5.83	ppb
Silver	109-1	0.06	0.07	0.06	0.06	10.07	ppb
Silver	107-1	0.06	0.07	0.06	0.06	3.26	ppb
Sodium	23-2	45.59	44.98	46.21	45.59	1.35	ppb
Strontium	86-1	11.53	11.87	11.69	11.69	1.45	ppb
Strontium	88-1	11.69	12.09	11.79	11.86	1.73	ppb
Sulfur	34-1	-148.33	395.61	50.02	99.10	277.77	ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.06	0.05	0.06	8.44	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	14.53	ppb
Thorium	232-1	2.02	2.06	2.02	2.04	1.23	ppb
Tin	118-1	0.81	0.91	0.81	0.84	6.93	ppb
Titanium	47-1	9.37	10.03	8.97	9.46	5.68	ppb
Uranium	238-1	0.23	0.24	0.23	0.24	3.20	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:57:35	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	7.75	7.74	7.59	7.69	1.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				99		%
Zinc	66-2	15.99	15.48	15.30	15.59	2.29	ppb
Zirconium	90-1	7.23	4.04	3.99	5.09	36.49	ppb
Zirconium	91-1	3.72	3.91	3.73	3.79	2.86	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LDLX25	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 13:01:04	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	409.64	391.09	364.66	388.46	5.82	ppb
Antimony	121-1	0.02	0.01	0.03	0.02	63.97	ppb
Arsenic	75-2	0.30	0.28	0.25	0.28	9.62	ppb
Barium	135-1	6.63	6.53	6.38	6.51	1.89	ppb
Barium	137-1	6.57	6.54	6.66	6.59	0.95	ppb
Beryllium	9-1	0.05	0.05	0.01	0.04	70.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				85		%
Boron	10-1	6.47	6.95	6.37	6.59	4.68	ppb
Boron	11-1	6.64	6.37	6.48	6.50	2.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.25	-0.03	-0.03	-0.10		ppb
Cadmium	106-1	-3.39	-0.55	-0.57	-1.50		ppb
Cadmium	108-1	0.14	0.21	0.12	0.15	32.56	ppb
Calcium	43-1	5552.08	5714.02	5781.73	5682.61	2.08	ppb
Calcium	44-1	5474.43	5676.37	5724.67	5625.16	2.36	ppb
Chromium	52-2	0.78	0.70	0.62	0.70	11.59	ppb
Cobalt	59-2	0.39	0.36	0.34	0.36	7.49	ppb
Copper	63-2	1.02	0.97	0.93	0.97	4.81	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				109		%
Holmium	165-2				97		%
Indium	115-1				113		%
Indium	115-2				96		%
Iron	54-2	704.81	635.88	601.73	647.47	8.11	ppb
Iron	56-2	681.82	646.20	580.06	636.03	8.12	ppb
Iron	57-2	692.40	653.56	584.42	643.46	8.50	ppb
Krypton	83-1						cps
Lead	206-1	1.23	1.25	1.22	1.23	1.02	ppb
Lead	207-1	1.02	1.00	1.02	1.01	1.25	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03LDLX25 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 25
 Date & Time Acquired :: 2020-10-30 13:01:04 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.14	1.12	1.16	1.14	1.40	ppb
Lithium	6-1				92		%
Magnesium	24-2	82.56	76.48	73.06	77.36	6.22	ppb
Manganese	55-2	28.59	27.39	24.68	26.89	7.44	ppb
Molybdenum	94-1	1.16	1.15	1.18	1.16	1.18	ppb
Molybdenum	95-1	0.04	0.05	0.07	0.05	23.75	ppb
Molybdenum	96-1	0.18	0.18	0.22	0.19	10.38	ppb
Molybdenum	97-1	0.05	0.05	0.04	0.05	12.61	ppb
Molybdenum	98-1	0.04	0.07	0.05	0.05	27.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.60	0.54	0.59	7.27	ppb
Phosphorus	31-2	28.11	32.10	24.87	28.36	12.78	ppb
Potassium	39-2	107.36	107.53	107.89	107.59	0.25	ppb
Rhodium	103-1				110		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	82-1	-0.02	0.77	-0.17	0.19	260.05	ppb
Selenium	77-2	0.00	0.34	0.67	0.34	99.89	ppb
Selenium	78-2	-0.65	-0.03	-0.72	-0.46		ppb
Silicon	28-1	10.88	18.45	31.36	20.23	51.17	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.08	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.17	ppb
Sodium	23-2	30.33	29.72	30.03	30.03	1.01	ppb
Strontium	86-1	2.39	2.06	2.34	2.26	7.77	ppb
Strontium	88-1	2.38	2.36	2.46	2.40	2.17	ppb
Sulfur	34-1	-465.09	199.02	153.05	-37.67		ppb
Terbium	159-1				109		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.01	0.01	15.87	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.66	ppb
Thorium	232-1	0.35	0.35	0.36	0.35	1.42	ppb
Tin	118-1	0.19	0.14	0.20	0.18	16.24	ppb
Titanium	47-1	1.75	1.82	1.69	1.76	3.69	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	6.58	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LDLX25	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 13:01:04	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.48	1.52	1.32	1.44	7.53	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	8.86	7.98	7.38	8.07	9.22	ppb
Zirconium	90-1	0.75	0.74	0.77	0.75	1.88	ppb
Zirconium	91-1	0.74	0.67	2.91	1.44	88.28	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-04DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:04:34	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3606.77	3576.05	3499.35	3560.72	1.55	ppb
Antimony	121-1	99.12	100.04	97.57	98.91	1.26	ppb
Arsenic	75-2	104.93	104.35	100.75	103.34	2.19	ppb
Barium	135-1	473.78	481.39	474.53	476.57	0.88	ppb
Barium	137-1	474.12	479.61	477.01	476.91	0.57	ppb
Beryllium	9-1	102.53	101.61	100.18	101.44	1.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				84		%
Boron	10-1	93.25	93.19	96.03	94.15	1.72	ppb
Boron	11-1	94.55	96.36	97.38	96.10	1.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	100.20	102.63	101.10	101.31	1.21	ppb
Cadmium	106-1	98.12	99.85	99.46	99.14	0.91	ppb
Cadmium	108-1	101.47	103.14	99.79	101.46	1.65	ppb
Calcium	43-1	22771.86	22430.46	22188.34	22463.55	1.31	ppb
Calcium	44-1	21204.83	21331.91	20749.55	21095.43	1.45	ppb
Chromium	52-2	101.40	102.67	99.66	101.24	1.49	ppb
Cobalt	59-2	103.81	102.22	100.02	102.02	1.86	ppb
Copper	63-2	191.88	191.11	187.08	190.02	1.36	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				96		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	54-2	7950.88	7901.29	7737.70	7863.29	1.42	ppb
Iron	56-2	7685.62	7680.22	7330.95	7565.60	2.69	ppb
Iron	57-2	7846.54	7762.71	7545.54	7718.26	2.01	ppb
Krypton	83-1						cps
Lead	206-1	93.16	92.41	90.57	92.05	1.45	ppb
Lead	207-1	89.04	87.03	86.52	87.53	1.53	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-04DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:04:34 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	90.92	90.23	88.80	89.98	1.20	ppb
Lithium	6-1				92		%
Magnesium	24-2	9963.91	10001.86	9746.98	9904.25	1.39	ppb
Manganese	55-2	337.14	339.09	329.67	335.30	1.48	ppb
Molybdenum	94-1	460.00	472.42	470.05	467.49	1.41	ppb
Molybdenum	95-1	442.20	451.44	454.07	449.24	1.39	ppb
Molybdenum	96-1	443.60	446.72	458.89	449.74	1.80	ppb
Molybdenum	97-1	443.74	446.73	455.82	448.76	1.40	ppb
Molybdenum	98-1	441.23	447.09	457.38	448.57	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.57	106.68	104.79	106.01	1.00	ppb
Phosphorus	31-2	88.99	103.37	86.89	93.08	9.64	ppb
Potassium	39-2	5321.43	5345.18	5270.10	5312.24	0.72	ppb
Rhodium	103-1				109		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				95		%
Selenium	82-1	96.07	93.37	97.25	95.56	2.08	ppb
Selenium	77-2	101.08	109.45	106.05	105.53	3.99	ppb
Selenium	78-2	103.28	96.21	96.79	98.76	3.97	ppb
Silicon	28-1	232.57	219.80	225.72	226.03	2.83	ppb
Silver	109-1	92.42	93.40	92.54	92.79	0.58	ppb
Silver	107-1	92.60	93.92	92.06	92.86	1.03	ppb
Sodium	23-2	10014.39	10015.87	9835.06	9955.11	1.04	ppb
Strontium	86-1	99.83	101.21	101.76	100.94	0.99	ppb
Strontium	88-1	102.82	103.12	103.25	103.07	0.22	ppb
Sulfur	34-1	34.72	-178.85	-253.33	-132.48		ppb
Terbium	159-1				110		%
Terbium	159-2				97		%
Thallium	203-1	92.14	92.16	91.21	91.84	0.59	ppb
Thallium	205-1	90.23	89.76	88.68	89.56	0.88	ppb
Thorium	232-1	1.98	1.94	1.95	1.96	0.91	ppb
Tin	118-1	93.43	95.66	93.01	94.03	1.51	ppb
Titanium	47-1	453.85	450.11	445.68	449.88	0.91	ppb
Uranium	238-1	76.35	75.24	73.85	75.15	1.67	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-04DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:04:34	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	105.81	105.34	103.02	104.72	1.43	ppb
Yttrium	89-1				111		%
Yttrium	89-2				96		%
Zinc	66-2	201.62	204.32	197.53	201.16	1.70	ppb
Zirconium	90-1	99.93	100.28	100.81	100.34	0.44	ppb
Zirconium	91-1	96.42	96.37	98.50	97.10	1.25	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-05DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:08:03	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3472.18	3450.69	3335.10	3419.33	2.16	ppb
Antimony	121-1	96.58	96.14	99.15	97.29	1.67	ppb
Arsenic	75-2	101.68	99.89	99.50	100.36	1.16	ppb
Barium	135-1	464.41	466.27	474.08	468.25	1.10	ppb
Barium	137-1	468.29	468.12	478.61	471.67	1.27	ppb
Beryllium	9-1	101.22	100.23	99.98	100.47	0.65	ppb
Bismuth	209-1				105		%
Bismuth	209-2				84		%
Boron	10-1	96.63	93.80	99.53	96.65	2.96	ppb
Boron	11-1	99.02	97.82	97.88	98.24	0.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	99.86	99.03	100.71	99.87	0.84	ppb
Cadmium	106-1	96.49	97.39	100.17	98.02	1.96	ppb
Cadmium	108-1	97.61	98.94	99.84	98.79	1.14	ppb
Calcium	43-1	21845.26	22605.98	21994.86	22148.70	1.82	ppb
Calcium	44-1	20902.31	20810.91	20772.09	20828.43	0.32	ppb
Chromium	52-2	99.47	99.03	95.59	98.03	2.17	ppb
Cobalt	59-2	99.58	99.69	96.42	98.56	1.88	ppb
Copper	63-2	185.58	185.31	181.17	184.02	1.34	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				96		%
Indium	115-1				111		%
Indium	115-2				94		%
Iron	54-2	7684.78	7703.46	7436.31	7608.19	1.96	ppb
Iron	56-2	7319.91	7415.25	7089.30	7274.82	2.30	ppb
Iron	57-2	7550.71	7536.50	7214.73	7433.98	2.56	ppb
Krypton	83-1						cps
Lead	206-1	90.80	87.44	88.98	89.07	1.89	ppb
Lead	207-1	86.09	83.34	83.99	84.47	1.70	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-05DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:08:03	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	88.54	86.36	86.84	87.25	1.31	ppb
Lithium	6-1				92		%
Magnesium	24-2	9655.24	9719.79	9410.06	9595.03	1.70	ppb
Manganese	55-2	324.08	326.56	314.42	321.68	1.99	ppb
Molybdenum	94-1	466.27	453.23	458.44	459.32	1.43	ppb
Molybdenum	95-1	447.21	432.39	441.36	440.32	1.70	ppb
Molybdenum	96-1	451.95	433.29	446.41	443.88	2.16	ppb
Molybdenum	97-1	450.73	438.45	445.98	445.05	1.39	ppb
Molybdenum	98-1	450.49	434.43	443.08	442.67	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.96	102.82	100.19	101.32	1.34	ppb
Phosphorus	31-2	115.78	94.40	73.73	94.64	22.22	ppb
Potassium	39-2	5154.96	5191.82	5125.76	5157.51	0.64	ppb
Rhodium	103-1				108		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	82-1	95.75	92.59	94.73	94.36	1.71	ppb
Selenium	77-2	103.46	109.44	93.60	102.17	7.83	ppb
Selenium	78-2	94.19	95.34	95.35	94.96	0.70	ppb
Silicon	28-1	211.94	222.57	222.76	219.09	2.83	ppb
Silver	109-1	90.08	89.23	92.04	90.45	1.59	ppb
Silver	107-1	89.91	89.47	91.35	90.24	1.09	ppb
Sodium	23-2	9729.97	9798.40	9608.69	9712.36	0.99	ppb
Strontium	86-1	103.20	99.67	101.35	101.41	1.74	ppb
Strontium	88-1	104.35	101.24	102.94	102.84	1.51	ppb
Sulfur	34-1	-461.63	-206.51	-243.64	-303.93		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	90.44	88.29	89.06	89.27	1.22	ppb
Thallium	205-1	88.35	85.17	86.47	86.66	1.85	ppb
Thorium	232-1	1.99	1.90	1.89	1.92	2.79	ppb
Tin	118-1	92.10	91.89	91.82	91.94	0.16	ppb
Titanium	47-1	440.78	440.05	430.80	437.21	1.27	ppb
Uranium	238-1	74.87	72.22	72.49	73.19	2.00	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-05DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:08:03	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	102.14	101.99	98.62	100.92	1.97	ppb
Yttrium	89-1				109		%
Yttrium	89-2				96		%
Zinc	66-2	197.28	196.52	191.26	195.02	1.68	ppb
Zirconium	90-1	100.38	98.35	98.37	99.04	1.18	ppb
Zirconium	91-1	97.43	94.50	94.96	95.63	1.64	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03ADLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:11:33 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3572.81	3598.00	3458.08	3542.96	2.11	ppb
Antimony	121-1	98.34	99.21	99.17	98.91	0.50	ppb
Arsenic	75-2	102.57	101.91	100.64	101.71	0.96	ppb
Barium	135-1	469.11	474.87	476.00	473.33	0.78	ppb
Barium	137-1	470.51	479.00	480.74	476.75	1.15	ppb
Beryllium	9-1	102.77	101.36	101.87	102.00	0.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				85		%
Boron	10-1	95.19	97.29	99.89	97.46	2.42	ppb
Boron	11-1	99.63	102.39	102.96	101.66	1.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	100.27	100.98	100.96	100.74	0.40	ppb
Cadmium	106-1	99.93	103.26	98.55	100.58	2.41	ppb
Cadmium	108-1	101.19	101.80	102.74	101.91	0.77	ppb
Calcium	43-1	22411.61	22387.31	22362.98	22387.30	0.11	ppb
Calcium	44-1	21009.11	21041.22	21063.95	21038.10	0.13	ppb
Chromium	52-2	103.02	102.09	98.74	101.28	2.22	ppb
Cobalt	59-2	102.34	100.80	99.27	100.80	1.52	ppb
Copper	63-2	192.20	189.58	187.41	189.73	1.26	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				97		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	54-2	7950.38	7851.81	7695.94	7832.71	1.64	ppb
Iron	56-2	7587.82	7531.76	7415.43	7511.67	1.17	ppb
Iron	57-2	7740.32	7671.11	7433.29	7614.91	2.11	ppb
Krypton	83-1						cps
Lead	206-1	90.72	91.51	90.60	90.94	0.54	ppb
Lead	207-1	85.66	86.41	85.40	85.82	0.61	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03ADLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:11:33	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	89.63	89.62	88.18	89.14	0.94	ppb
Lithium	6-1				93		%
Magnesium	24-2	9935.50	9919.37	9715.84	9856.91	1.24	ppb
Manganese	55-2	336.56	336.19	324.12	332.29	2.13	ppb
Molybdenum	94-1	461.64	474.41	462.69	466.25	1.52	ppb
Molybdenum	95-1	443.21	458.83	447.96	450.00	1.78	ppb
Molybdenum	96-1	450.34	457.65	448.64	452.21	1.06	ppb
Molybdenum	97-1	444.57	458.42	449.59	450.86	1.56	ppb
Molybdenum	98-1	442.58	454.62	449.66	448.95	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.00	105.52	103.79	105.10	1.10	ppb
Phosphorus	31-2	89.15	80.25	80.26	83.22	6.17	ppb
Potassium	39-2	5296.05	5291.49	5250.11	5279.22	0.48	ppb
Rhodium	103-1				109		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	82-1	93.69	97.13	96.25	95.69	1.87	ppb
Selenium	77-2	100.76	103.63	97.12	100.50	3.25	ppb
Selenium	78-2	101.81	101.48	95.66	99.65	3.47	ppb
Silicon	28-1	213.70	266.16	237.14	239.00	11.00	ppb
Silver	109-1	91.44	92.29	93.56	92.43	1.15	ppb
Silver	107-1	90.89	93.22	94.30	92.80	1.88	ppb
Sodium	23-2	10005.10	9919.43	9869.34	9931.29	0.69	ppb
Strontium	86-1	99.51	104.60	99.62	101.24	2.87	ppb
Strontium	88-1	102.39	105.63	103.48	103.83	1.59	ppb
Sulfur	34-1	-523.98	-499.66	-465.47	-496.37		ppb
Terbium	159-1				110		%
Terbium	159-2				97		%
Thallium	203-1	92.28	91.69	90.75	91.57	0.84	ppb
Thallium	205-1	89.10	89.16	87.21	88.49	1.25	ppb
Thorium	232-1	1.97	1.96	1.97	1.97	0.27	ppb
Tin	118-1	92.73	94.54	94.50	93.92	1.10	ppb
Titanium	47-1	441.47	441.87	441.58	441.64	0.05	ppb
Uranium	238-1	75.18	75.19	75.48	75.28	0.22	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03ADLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:11:33	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	104.52	105.03	101.05	103.53	2.09	ppb
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	205.96	202.58	199.65	202.73	1.56	ppb
Zirconium	90-1	99.70	100.67	100.86	100.41	0.62	ppb
Zirconium	91-1	95.90	97.40	96.63	96.64	0.78	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-06DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC3-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:15:02 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24288.46	24316.55	23644.52	24083.18	1.58	ppb
Antimony	121-1	0.11	0.07	0.09	0.09	17.56	ppb
Arsenic	75-2	5.86	6.12	5.98	5.99	2.24	ppb
Barium	135-1	271.38	271.67	266.48	269.84	1.08	ppb
Barium	137-1	270.86	274.73	267.76	271.12	1.29	ppb
Beryllium	9-1	2.18	2.30	2.34	2.27	3.58	ppb
Bismuth	209-1				106		%
Bismuth	209-2				84		%
Boron	10-1	13.23	13.58	13.13	13.31	1.79	ppb
Boron	11-1	14.38	14.32	13.57	14.09	3.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.68	0.69	0.78	0.72	8.34	ppb
Cadmium	106-1	2.35	2.67	4.60	3.21	37.85	ppb
Cadmium	108-1	1.90	2.11	2.01	2.01	5.33	ppb
Calcium	43-1	66190.41	66983.59	65622.04	66265.35	1.03	ppb
Calcium	44-1	61941.58	62954.44	61759.95	62218.66	1.03	ppb
Chromium	52-2	20.49	20.26	19.44	20.06	2.75	ppb
Cobalt	59-2	15.20	15.04	14.93	15.06	0.89	ppb
Copper	63-2	18.86	18.74	18.70	18.77	0.43	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				96		%
Indium	115-1				111		%
Indium	115-2				94		%
Iron	54-2	16088.08	16053.71	15570.08	15903.96	1.82	ppb
Iron	56-2	15507.93	15749.67	14998.85	15418.82	2.49	ppb
Iron	57-2	15911.00	15926.08	15435.60	15757.56	1.77	ppb
Krypton	83-1						cps
Lead	206-1	25.76	25.91	25.61	25.76	0.58	ppb
Lead	207-1	22.13	22.26	22.18	22.19	0.29	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-06DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC3-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:15:02 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	24.17	24.36	24.14	24.22	0.50	ppb
Lithium	6-1				92		%
Magnesium	24-2	4913.38	4924.71	4811.04	4883.04	1.28	ppb
Manganese	55-2	1169.00	1166.45	1144.32	1159.92	1.17	ppb
Molybdenum	94-1	18.41	18.26	18.40	18.35	0.47	ppb
Molybdenum	95-1	0.14	0.10	0.11	0.12	20.68	ppb
Molybdenum	96-1	2.49	2.50	2.41	2.47	1.94	ppb
Molybdenum	97-1	0.10	0.12	0.10	0.11	7.36	ppb
Molybdenum	98-1	0.13	0.11	0.10	0.11	12.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.32	26.76	26.15	26.74	2.19	ppb
Phosphorus	31-2	302.89	276.60	269.05	282.85	6.28	ppb
Potassium	39-2	5049.07	4978.74	5032.60	5020.14	0.73	ppb
Rhodium	103-1				108		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				95		%
Selenium	82-1	0.17	1.39	0.31	0.62	107.42	ppb
Selenium	77-2	21.09	19.70	23.32	21.37	8.55	ppb
Selenium	78-2	2.54	2.70	3.73	2.99	21.64	ppb
Silicon	28-1	608.21	654.15	603.38	621.91	4.51	ppb
Silver	109-1	0.18	0.20	0.19	0.19	3.72	ppb
Silver	107-1	0.21	0.22	0.21	0.21	1.89	ppb
Sodium	23-2	326.99	322.98	317.25	322.41	1.52	ppb
Strontium	86-1	43.49	43.26	43.50	43.42	0.31	ppb
Strontium	88-1	45.51	45.53	44.92	45.32	0.76	ppb
Sulfur	34-1	-580.33	-515.08	-786.55	-627.32		ppb
Terbium	159-1				111		%
Terbium	159-2				97		%
Thallium	203-1	0.42	0.39	0.40	0.40	4.04	ppb
Thallium	205-1	0.38	0.39	0.39	0.39	2.26	ppb
Thorium	232-1	10.53	10.59	10.60	10.58	0.35	ppb
Tin	118-1	0.19	0.17	0.13	0.16	18.83	ppb
Titanium	47-1	4.02	3.99	3.29	3.77	10.91	ppb
Uranium	238-1	0.37	0.38	0.36	0.37	2.62	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-06DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC3-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:15:02	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	18.12	18.13	17.65	17.97	1.53	ppb
Yttrium	89-1				118		%
Yttrium	89-2				103		%
Zinc	66-2	52.10	51.75	50.73	51.53	1.39	ppb
Zirconium	90-1	11.98	11.86	11.71	11.85	1.15	ppb
Zirconium	91-1	11.71	11.38	11.12	11.40	2.60	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:18:32	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11869.07	11706.68	11487.10	11687.62	1.64	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	3.03	ppb
Arsenic	75-2	15.37	15.64	15.42	15.48	0.93	ppb
Barium	135-1	108.30	110.59	109.13	109.34	1.06	ppb
Barium	137-1	110.73	109.95	108.48	109.72	1.04	ppb
Beryllium	9-1	1.53	1.39	1.61	1.51	7.38	ppb
Bismuth	209-1				101		%
Bismuth	209-2				80		%
Boron	10-1	9.55	11.23	10.49	10.42	8.09	ppb
Boron	11-1	11.34	10.62	10.19	10.72	5.39	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	7.86	7.83	7.58	7.76	2.02	ppb
Cadmium	106-1	11.02	11.74	10.09	10.95	7.55	ppb
Cadmium	108-1	8.15	8.32	8.79	8.42	3.93	ppb
Calcium	43-1	618944.14	608634.52	624333.34	617304.00	1.29	ppb
Calcium	44-1	610199.25	605888.12	620727.49	612271.62	1.25	ppb
Chromium	52-2	42.01	41.25	40.23	41.16	2.17	ppb
Cobalt	59-2	9.67	9.66	9.53	9.62	0.85	ppb
Copper	63-2	23.90	24.15	23.78	23.94	0.80	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				111		%
Holmium	165-2				97		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	54-2	23434.70	23062.27	22671.30	23056.09	1.66	ppb
Iron	56-2	22616.13	22768.98	21854.13	22413.08	2.19	ppb
Iron	57-2	24149.08	24355.61	23570.76	24025.15	1.69	ppb
Krypton	83-1						cps
Lead	206-1	71.83	71.14	72.27	71.75	0.79	ppb
Lead	207-1	64.15	62.85	63.25	63.42	1.05	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:18:32	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	68.20	67.71	68.44	68.12	0.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	4125.81	4120.16	3979.36	4075.11	2.04	ppb
Manganese	55-2	1210.26	1209.98	1171.75	1197.33	1.85	ppb
Molybdenum	94-1	23.92	23.95	24.24	24.04	0.72	ppb
Molybdenum	95-1	0.26	0.26	0.28	0.27	3.56	ppb
Molybdenum	96-1	3.20	3.21	3.24	3.22	0.70	ppb
Molybdenum	97-1	0.24	0.25	0.26	0.25	3.89	ppb
Molybdenum	98-1	0.25	0.25	0.29	0.26	8.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.55	22.01	21.02	21.53	2.29	ppb
Phosphorus	31-2	3632.10	3484.14	3531.23	3549.16	2.13	ppb
Potassium	39-2	2531.41	2535.95	2509.45	2525.60	0.56	ppb
Rhodium	103-1				105		%
Rhodium	103-2				93		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	82-1	1.60	1.45	1.45	1.50	5.86	ppb
Selenium	77-2	25.77	25.10	19.02	23.29	15.97	ppb
Selenium	78-2	2.29	3.87	3.29	3.15	25.45	ppb
Silicon	28-1	664.51	660.44	655.99	660.31	0.65	ppb
Silver	109-1	0.13	0.12	0.12	0.12	5.53	ppb
Silver	107-1	0.14	0.13	0.14	0.14	3.61	ppb
Sodium	23-2	403.92	401.78	391.23	398.98	1.70	ppb
Strontium	86-1	443.78	442.64	439.80	442.07	0.46	ppb
Strontium	88-1	453.82	460.68	454.02	456.17	0.86	ppb
Sulfur	34-1	321.73	694.17	858.42	624.78	44.01	ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.24	0.24	0.25	0.25	2.69	ppb
Thallium	205-1	0.24	0.22	0.25	0.23	7.09	ppb
Thorium	232-1	4.57	4.49	4.58	4.54	1.13	ppb
Tin	118-1	0.16	0.15	0.19	0.17	11.11	ppb
Titanium	47-1	5.77	5.67	6.04	5.83	3.29	ppb
Uranium	238-1	1.31	1.31	1.35	1.32	2.01	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:18:32	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	59.75	58.42	58.32	58.83	1.36	ppb
Yttrium	89-1				121		%
Yttrium	89-2				107		%
Zinc	66-2	133.63	134.30	130.70	132.87	1.44	ppb
Zirconium	90-1	15.52	15.47	15.26	15.42	0.89	ppb
Zirconium	91-1	14.83	14.80	15.06	14.90	0.95	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-02DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC2-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:22:03	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14361.20	14311.05	13887.79	14186.68	1.83	ppb
Antimony	121-1	0.04	0.05	0.02	0.04	29.92	ppb
Arsenic	75-2	12.27	12.18	11.89	12.11	1.64	ppb
Barium	135-1	211.36	213.60	210.79	211.92	0.70	ppb
Barium	137-1	209.45	212.51	211.28	211.08	0.73	ppb
Beryllium	9-1	1.64	1.53	1.72	1.63	5.74	ppb
Bismuth	209-1				101		%
Bismuth	209-2				82		%
Boron	10-1	7.07	7.56	8.09	7.57	6.74	ppb
Boron	11-1	7.35	7.00	7.12	7.16	2.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.83	1.05	0.84	0.91	13.54	ppb
Cadmium	106-1	1.23	2.74	1.17	1.71	51.90	ppb
Cadmium	108-1	1.56	1.10	1.43	1.36	17.47	ppb
Calcium	43-1	513427.67	514688.93	517512.64	515209.75	0.41	ppb
Calcium	44-1	507499.53	522495.79	528510.88	519502.06	2.08	ppb
Chromium	52-2	21.40	21.30	20.60	21.10	2.06	ppb
Cobalt	59-2	13.47	13.32	13.29	13.36	0.71	ppb
Copper	63-2	19.07	19.26	18.60	18.98	1.79	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				99		%
Indium	115-1				112		%
Indium	115-2				96		%
Iron	54-2	21110.61	20968.54	20470.47	20849.87	1.61	ppb
Iron	56-2	20390.76	20290.41	20143.65	20274.94	0.61	ppb
Iron	57-2	21845.04	21795.66	21328.32	21656.34	1.32	ppb
Krypton	83-1						cps
Lead	206-1	24.70	24.87	24.95	24.84	0.52	ppb
Lead	207-1	21.37	21.51	21.08	21.32	1.03	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-02DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC2-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:22:03	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	22.97	23.46	23.19	23.21	1.05	ppb
Lithium	6-1				93		%
Magnesium	24-2	5218.07	5148.54	5026.83	5131.15	1.89	ppb
Manganese	55-2	983.22	975.90	956.99	972.04	1.39	ppb
Molybdenum	94-1	10.45	10.83	10.80	10.69	1.97	ppb
Molybdenum	95-1	0.19	0.18	0.20	0.19	6.58	ppb
Molybdenum	96-1	1.44	1.63	1.59	1.55	6.55	ppb
Molybdenum	97-1	0.18	0.19	0.14	0.17	15.13	ppb
Molybdenum	98-1	0.14	0.17	0.16	0.16	10.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.36	25.70	24.54	25.20	2.38	ppb
Phosphorus	31-2	456.47	457.47	424.56	446.17	4.20	ppb
Potassium	39-2	3218.65	3225.45	3196.61	3213.57	0.47	ppb
Rhodium	103-1				106		%
Rhodium	103-2				94		%
Scandium	45-1				110		%
Scandium	45-2				100		%
Selenium	82-1	1.58	0.08	1.20	0.95	82.17	ppb
Selenium	77-2	15.39	14.95	15.61	15.32	2.18	ppb
Selenium	78-2	1.88	1.05	2.61	1.85	42.25	ppb
Silicon	28-1	723.08	719.69	737.94	726.90	1.33	ppb
Silver	109-1	0.06	0.08	0.08	0.07	12.11	ppb
Silver	107-1	0.10	0.08	0.10	0.09	10.91	ppb
Sodium	23-2	231.92	228.62	228.80	229.78	0.81	ppb
Strontium	86-1	169.87	175.67	171.84	172.46	1.71	ppb
Strontium	88-1	173.20	179.42	175.58	176.07	1.78	ppb
Sulfur	34-1	183.05	300.94	541.35	341.78	53.43	ppb
Terbium	159-1				111		%
Terbium	159-2				98		%
Thallium	203-1	0.29	0.31	0.33	0.31	7.19	ppb
Thallium	205-1	0.30	0.27	0.28	0.28	4.14	ppb
Thorium	232-1	6.54	6.52	6.42	6.49	1.04	ppb
Tin	118-1	0.10	0.06	0.08	0.08	25.31	ppb
Titanium	47-1	2.73	2.41	2.58	2.57	6.12	ppb
Uranium	238-1	1.42	1.44	1.43	1.43	1.02	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-02DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC2-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:22:03	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	44.36	44.81	43.06	44.08	2.05	ppb
Yttrium	89-1				117		%
Yttrium	89-2				104		%
Zinc	66-2	44.21	43.87	41.97	43.35	2.78	ppb
Zirconium	90-1	6.69	6.92	6.74	6.78	1.81	ppb
Zirconium	91-1	6.43	6.54	6.49	6.49	0.84	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:25:34	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28127.85	28063.97	27378.87	27856.90	1.49	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	26.63	ppb
Arsenic	75-2	6.20	6.16	6.46	6.27	2.61	ppb
Barium	135-1	249.44	252.35	250.86	250.88	0.58	ppb
Barium	137-1	250.52	251.46	252.38	251.46	0.37	ppb
Beryllium	9-1	2.88	2.59	2.51	2.66	7.22	ppb
Bismuth	209-1				105		%
Bismuth	209-2				85		%
Boron	10-1	6.02	5.63	6.28	5.98	5.46	ppb
Boron	11-1	6.32	6.30	5.74	6.12	5.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.93	0.88	0.91	0.90	2.91	ppb
Cadmium	106-1	2.74	2.38	2.94	2.69	10.43	ppb
Cadmium	108-1	2.06	2.30	2.06	2.14	6.45	ppb
Calcium	43-1	153874.17	153523.80	149501.69	152299.89	1.60	ppb
Calcium	44-1	146507.16	145487.07	143418.69	145137.64	1.08	ppb
Chromium	52-2	28.50	28.61	28.05	28.39	1.05	ppb
Cobalt	59-2	15.84	15.75	15.28	15.62	1.91	ppb
Copper	63-2	24.25	23.77	23.07	23.70	2.52	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				99		%
Indium	115-1				114		%
Indium	115-2				97		%
Iron	54-2	20391.92	20209.56	19831.53	20144.34	1.42	ppb
Iron	56-2	20024.03	19769.22	19373.98	19722.41	1.66	ppb
Iron	57-2	20433.95	20251.74	19789.32	20158.34	1.65	ppb
Krypton	83-1						cps
Lead	206-1	46.81	46.69	45.47	46.32	1.60	ppb
Lead	207-1	40.89	40.20	39.17	40.09	2.16	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:25:34	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	43.77	43.50	42.74	43.34	1.24	ppb
Lithium	6-1				93		%
Magnesium	24-2	5223.79	5247.54	5153.62	5208.32	0.94	ppb
Manganese	55-2	759.89	753.21	742.18	751.76	1.19	ppb
Molybdenum	94-1	14.70	14.98	14.37	14.68	2.09	ppb
Molybdenum	95-1	0.05	0.09	0.08	0.07	30.26	ppb
Molybdenum	96-1	1.95	1.91	1.90	1.92	1.32	ppb
Molybdenum	97-1	0.06	0.08	0.07	0.07	14.96	ppb
Molybdenum	98-1	0.05	0.06	0.04	0.05	21.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.97	31.19	30.13	31.10	2.97	ppb
Phosphorus	31-2	343.14	340.61	304.34	329.36	6.59	ppb
Potassium	39-2	5431.69	5473.41	5450.68	5451.92	0.38	ppb
Rhodium	103-1				110		%
Rhodium	103-2				98		%
Scandium	45-1				111		%
Scandium	45-2				100		%
Selenium	82-1	0.89	1.14	0.46	0.83	41.28	ppb
Selenium	77-2	25.55	24.49	25.56	25.20	2.43	ppb
Selenium	78-2	3.31	3.37	4.61	3.76	19.52	ppb
Silicon	28-1	741.50	715.53	711.47	722.83	2.25	ppb
Silver	109-1	0.32	0.36	0.32	0.33	6.30	ppb
Silver	107-1	0.34	0.35	0.32	0.33	4.34	ppb
Sodium	23-2	434.03	430.50	434.38	432.97	0.50	ppb
Strontium	86-1	97.80	99.79	97.49	98.36	1.27	ppb
Strontium	88-1	102.27	102.19	99.46	101.31	1.58	ppb
Sulfur	34-1	-82.69	-298.10	-667.88	-349.56		ppb
Terbium	159-1				114		%
Terbium	159-2				98		%
Thallium	203-1	0.39	0.38	0.38	0.38	1.46	ppb
Thallium	205-1	0.41	0.40	0.37	0.39	5.63	ppb
Thorium	232-1	11.30	11.11	10.89	11.10	1.84	ppb
Tin	118-1	0.03	0.04	0.05	0.04	24.08	ppb
Titanium	47-1	2.17	1.91	2.01	2.03	6.46	ppb
Uranium	238-1	0.51	0.50	0.49	0.50	2.53	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:25:34	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.46	20.40	19.61	20.15	2.35	ppb
Yttrium	89-1				123		%
Yttrium	89-2				109		%
Zinc	66-2	125.53	126.14	123.00	124.89	1.33	ppb
Zirconium	90-1	9.46	9.56	9.25	9.42	1.68	ppb
Zirconium	91-1	9.47	9.52	9.07	9.35	2.65	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:44:44	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45923.55	46063.47	45316.41	45767.81	0.87	ppb
Antimony	121-1	483.80	480.30	481.13	481.74	0.38	ppb
Arsenic	75-2	497.72	489.97	492.06	493.25	0.81	ppb
Barium	135-1	2365.10	2372.11	2379.88	2372.36	0.31	ppb
Barium	137-1	2446.95	2445.39	2463.83	2452.06	0.42	ppb
Beryllium	9-1	507.57	511.30	516.16	511.68	0.84	ppb
Bismuth	209-1				94		%
Bismuth	209-2				74		%
Boron	10-1	488.64	504.88	498.65	497.39	1.65	ppb
Boron	11-1	496.73	506.07	516.90	506.57	1.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	512.39	508.09	504.89	508.46	0.74	ppb
Cadmium	106-1	519.40	502.93	507.69	510.00	1.66	ppb
Cadmium	108-1	510.34	520.32	512.18	514.28	1.03	ppb
Calcium	43-1	237010.68	233732.67	233764.79	234836.05	0.80	ppb
Calcium	44-1	235296.17	232221.58	230863.67	232793.81	0.98	ppb
Chromium	52-2	473.66	476.70	474.06	474.80	0.35	ppb
Cobalt	59-2	465.55	470.73	461.07	465.78	1.04	ppb
Copper	63-2	5154.01	5133.68	5101.70	5129.80	0.51	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				87		%
Indium	115-1				104		%
Indium	115-2				88		%
Iron	54-2	120270.18	120926.58	119233.56	120143.44	0.71	ppb
Iron	56-2	122063.71	122669.57	120706.41	121813.23	0.83	ppb
Iron	57-2	119715.89	121904.16	117672.59	119764.21	1.77	ppb
Krypton	83-1						cps
Lead	206-1	2443.42	2465.94	2450.36	2453.24	0.47	ppb
Lead	207-1	2419.95	2407.10	2400.99	2409.35	0.40	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:44:44	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2431.35	2443.41	2432.53	2435.77	0.27	ppb
Lithium	6-1				84		%
Magnesium	24-2	252668.93	252917.90	250200.16	251929.00	0.60	ppb
Manganese	55-2	4813.85	4846.10	4777.15	4812.37	0.72	ppb
Molybdenum	94-1	2414.11	2438.42	2416.28	2422.94	0.56	ppb
Molybdenum	95-1	2393.18	2413.52	2394.14	2400.28	0.48	ppb
Molybdenum	96-1	2400.40	2461.09	2379.47	2413.65	1.76	ppb
Molybdenum	97-1	2401.45	2418.66	2359.97	2393.36	1.26	ppb
Molybdenum	98-1	2395.20	2423.58	2392.78	2403.85	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.97	464.91	460.66	462.85	0.46	ppb
Phosphorus	31-2	9724.86	9575.83	9633.21	9644.63	0.78	ppb
Potassium	39-2	119793.24	120828.99	120793.69	120471.98	0.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				88		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	482.64	487.26	476.72	482.21	1.10	ppb
Selenium	77-2	505.16	515.93	523.06	514.72	1.75	ppb
Selenium	78-2	518.61	516.16	502.37	512.38	1.71	ppb
Silicon	28-1	528.40	540.29	559.44	542.71	2.89	ppb
Silver	109-1	478.86	480.90	478.60	479.45	0.26	ppb
Silver	107-1	478.75	475.47	471.95	475.39	0.72	ppb
Sodium	23-2	256456.49	256667.96	252891.91	255338.79	0.83	ppb
Strontium	86-1	466.31	477.73	471.48	471.84	1.21	ppb
Strontium	88-1	487.49	489.68	484.90	487.36	0.49	ppb
Sulfur	34-1	9918.42	9941.84	10103.67	9987.98	1.01	ppb
Terbium	159-1				105		%
Terbium	159-2				89		%
Thallium	203-1	458.17	452.20	457.17	455.85	0.70	ppb
Thallium	205-1	494.12	489.23	494.96	492.77	0.63	ppb
Thorium	232-1	459.82	465.25	448.27	457.78	1.89	ppb
Tin	118-1	480.89	479.59	477.23	479.24	0.39	ppb
Titanium	47-1	2379.49	2387.47	2386.03	2384.33	0.18	ppb
Uranium	238-1	461.69	454.66	441.98	452.78	2.21	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:44:44	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	478.64	479.40	475.68	477.90	0.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	5325.70	5333.12	5291.49	5316.77	0.42	ppb
Zirconium	90-1	483.20	491.00	479.44	484.54	1.22	ppb
Zirconium	91-1	465.67	471.45	464.25	467.12	0.82	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:50:39	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	0.57	0.87	0.80	25.44	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	10.96	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00		ppb
Barium	135-1	0.02	0.04	0.02	0.03	54.02	ppb
Barium	137-1	0.01	0.02	0.02	0.02	28.05	ppb
Beryllium	9-1	0.03	0.02	0.03	0.02	4.55	ppb
Bismuth	209-1				99		%
Bismuth	209-2				82		%
Boron	10-1	14.72	14.35	13.94	14.34	2.70	ppb
Boron	11-1	14.92	15.70	14.01	14.88	5.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.24	-0.16	-0.19	-0.20		ppb
Cadmium	106-1	-3.25	-2.03	-2.52	-2.60		ppb
Cadmium	108-1	-0.01	0.02	-0.01	0.00		ppb
Calcium	43-1	0.87	2.90	-1.12	0.88	227.10	ppb
Calcium	44-1	-3.26	0.92	-1.52	-1.29		ppb
Chromium	52-2	0.02	0.00	0.03	0.01	99.75	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	18.95	ppb
Copper	63-2	0.34	0.36	0.33	0.35	4.62	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				94		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	54-2	1.99	1.32	3.14	2.15	42.78	ppb
Iron	56-2	1.49	1.38	1.48	1.45	4.51	ppb
Iron	57-2	1.85	2.01	1.84	1.90	5.15	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.27	0.27	0.27	0.46	ppb
Lead	207-1	0.26	0.27	0.23	0.25	8.86	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:50:39	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.26	0.27	0.25	0.26	4.61	ppb
Lithium	6-1				84		%
Magnesium	24-2	3.34	2.10	2.96	2.80	22.69	ppb
Manganese	55-2	0.03	0.06	0.06	0.05	32.06	ppb
Molybdenum	94-1	0.08	0.09	0.03	0.07	47.13	ppb
Molybdenum	95-1	0.07	0.09	0.07	0.08	17.14	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.05	10.48	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.06	10.13	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	11.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	3.41	2.39	6.15	3.98	48.79	ppb
Potassium	39-2	23.80	36.04	40.54	33.46	25.88	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	-0.65	1.26	-0.10	0.17	568.07	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.49	0.07	-1.01	-0.48		ppb
Silicon	28-1	-0.62	4.10	-0.17	1.10	236.21	ppb
Silver	109-1	0.03	0.04	0.03	0.04	7.98	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.21	ppb
Sodium	23-2	28.68	28.72	28.10	28.50	1.22	ppb
Strontium	86-1	-0.06	-0.06	0.04	-0.02		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	39.93	ppb
Sulfur	34-1	379.87	979.27	350.07	569.74	62.31	ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.00	0.01	0.01	61.49	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.38	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	22.24	ppb
Tin	118-1	0.03	0.01	0.02	0.02	36.94	ppb
Titanium	47-1	0.03	0.02	0.03	0.03	20.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.72	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:50:39	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	10.43	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	-0.17	-0.25	-0.10	-0.17		ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	84.16	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	49.80	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-01DL2X25 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC1-SO-0 Dilution Factor : 25
 Date & Time Acquired :: 2020-10-30 13:56:56 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2375.20	2336.26	2191.11	2300.85	4.22	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	8.36	ppb
Arsenic	75-2	3.57	3.18	3.01	3.25	8.90	ppb
Barium	135-1	21.92	20.91	21.27	21.37	2.40	ppb
Barium	137-1	21.70	21.72	21.27	21.56	1.19	ppb
Beryllium	9-1	0.29	0.29	0.32	0.30	6.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				81		%
Boron	10-1	7.56	8.61	6.50	7.56	13.92	ppb
Boron	11-1	8.22	8.01	7.78	8.01	2.74	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.52	1.48	1.41	1.47	3.74	ppb
Cadmium	106-1	0.65	0.76	0.52	0.64	18.90	ppb
Cadmium	108-1	1.49	1.91	1.32	1.57	19.37	ppb
Calcium	43-1	126338.38	125723.80	127760.61	126607.60	0.83	ppb
Calcium	44-1	120755.13	119126.18	119142.96	119674.75	0.78	ppb
Chromium	52-2	8.39	8.24	7.95	8.19	2.72	ppb
Cobalt	59-2	1.93	1.92	1.85	1.90	2.44	ppb
Copper	63-2	6.43	6.34	6.20	6.32	1.86	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				108		%
Holmium	165-2				96		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	54-2	4668.45	4586.85	4426.93	4560.74	2.69	ppb
Iron	56-2	4602.34	4429.52	4285.18	4439.01	3.58	ppb
Iron	57-2	4890.98	4751.64	4623.50	4755.37	2.81	ppb
Krypton	83-1						cps
Lead	206-1	13.85	13.91	14.08	13.95	0.86	ppb
Lead	207-1	12.32	12.42	12.39	12.38	0.42	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 13:56:56	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	13.04	13.18	13.23	13.15	0.72	ppb
Lithium	6-1				87		%
Magnesium	24-2	822.27	823.11	774.30	806.56	3.46	ppb
Manganese	55-2	242.51	234.61	227.02	234.71	3.30	ppb
Molybdenum	94-1	5.15	5.01	5.26	5.14	2.45	ppb
Molybdenum	95-1	0.11	0.12	0.14	0.12	13.59	ppb
Molybdenum	96-1	0.76	0.84	0.74	0.78	6.86	ppb
Molybdenum	97-1	0.16	0.12	0.09	0.13	25.13	ppb
Molybdenum	98-1	0.12	0.12	0.14	0.13	9.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.42	4.33	4.24	4.33	2.11	ppb
Phosphorus	31-2	692.76	674.37	696.50	687.88	1.72	ppb
Potassium	39-2	511.83	509.00	508.28	509.70	0.37	ppb
Rhodium	103-1				108		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	-0.21	0.11	0.66	0.19	236.43	ppb
Selenium	77-2	4.30	5.97	3.92	4.73	23.07	ppb
Selenium	78-2	1.28	0.75	0.66	0.90	37.30	ppb
Silicon	28-1	133.11	147.18	133.75	138.01	5.76	ppb
Silver	109-1	0.06	0.06	0.05	0.06	11.55	ppb
Silver	107-1	0.05	0.05	0.05	0.05	7.51	ppb
Sodium	23-2	96.95	99.11	95.79	97.29	1.73	ppb
Strontium	86-1	94.36	94.26	94.76	94.46	0.28	ppb
Strontium	88-1	95.54	95.39	96.30	95.74	0.51	ppb
Sulfur	34-1	528.43	877.46	1075.55	827.15	33.49	ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.06	0.05	0.05	3.35	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.33	ppb
Thorium	232-1	0.84	0.87	0.84	0.85	1.91	ppb
Tin	118-1	0.05	0.04	0.03	0.04	20.86	ppb
Titanium	47-1	1.45	1.20	1.45	1.37	10.45	ppb
Uranium	238-1	0.24	0.26	0.26	0.25	3.03	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 13:56:56	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	11.81	11.67	11.04	11.51	3.60	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	27.80	27.11	26.89	27.27	1.74	ppb
Zirconium	90-1	3.25	3.23	3.37	3.28	2.34	ppb
Zirconium	91-1	3.06	3.09	3.10	3.08	0.63	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 14:00:25	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	1.11	0.27	0.52	97.46	ppb
Antimony	121-1	0.01	0.01	0.03	0.01	72.50	ppb
Arsenic	75-2	-0.01	-0.01	0.01	-0.01		ppb
Barium	135-1	0.01	0.00	0.02	0.01	86.63	ppb
Barium	137-1	0.01	0.01	0.01	0.01	25.80	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	48.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				82		%
Boron	10-1	5.40	5.33	4.72	5.15	7.33	ppb
Boron	11-1	6.04	6.18	6.24	6.15	1.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.19	-0.21	-0.17	-0.19		ppb
Cadmium	106-1	-2.54	-2.69	-2.17	-2.47		ppb
Cadmium	108-1	0.04	-0.01	-0.01	0.01	574.86	ppb
Calcium	43-1	1.95	0.39	-0.09	0.75	142.47	ppb
Calcium	44-1	1.19	0.84	-0.63	0.46	208.06	ppb
Chromium	52-2	0.01	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	168.49	ppb
Copper	63-2	0.16	0.13	0.16	0.15	11.56	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				95		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	54-2	0.15	1.00	1.31	0.82	73.77	ppb
Iron	56-2	0.88	1.14	1.07	1.03	12.97	ppb
Iron	57-2	1.91	1.39	0.57	1.29	52.60	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.08	0.07	12.41	ppb
Lead	207-1	0.06	0.08	0.07	0.07	11.65	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 14:00:25	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.06	0.06	0.07	0.07	4.16	ppb
Lithium	6-1				86		%
Magnesium	24-2	1.24	1.11	1.65	1.33	21.12	ppb
Manganese	55-2	0.03	0.03	0.03	0.03	6.11	ppb
Molybdenum	94-1	0.03	0.04	0.05	0.04	34.14	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	26.60	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	18.71	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	57.01	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	40.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.05	-0.04		ppb
Phosphorus	31-2	0.67	7.87	7.10	5.21	75.82	ppb
Potassium	39-2	26.46	23.71	21.64	23.93	10.09	ppb
Rhodium	103-1				109		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	82-1	-0.74	0.65	0.11	0.01	10435.08	ppb
Selenium	77-2	0.34	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	-0.16	-0.61	-0.68	-0.48		ppb
Silicon	28-1	0.73	9.65	20.38	10.25	95.94	ppb
Silver	109-1	0.01	0.02	0.02	0.02	24.26	ppb
Silver	107-1	0.01	0.01	0.02	0.01	13.48	ppb
Sodium	23-2	16.96	16.31	18.34	17.20	6.02	ppb
Strontium	86-1	-0.04	-0.06	-0.02	-0.04		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	69.87	ppb
Sulfur	34-1	889.72	1351.87	1144.95	1128.85	20.51	ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	218.61	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	52.22	ppb
Tin	118-1	-0.03	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.05	0.01	0.06	0.04	59.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	40.28	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 14:00:25	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	27.10	ppb
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	-0.37	-0.29	-0.19	-0.29		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	60.62	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	69.43	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 14:14:09	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45450.38	46129.27	45157.55	45579.07	1.09	ppb
Antimony	121-1	476.96	489.16	480.71	482.28	1.30	ppb
Arsenic	75-2	493.68	490.85	488.17	490.90	0.56	ppb
Barium	135-1	2359.62	2409.84	2379.79	2383.08	1.06	ppb
Barium	137-1	2442.17	2489.68	2439.91	2457.25	1.14	ppb
Beryllium	9-1	511.72	503.99	513.83	509.85	1.02	ppb
Bismuth	209-1				93		%
Bismuth	209-2				74		%
Boron	10-1	495.25	501.01	513.04	503.10	1.80	ppb
Boron	11-1	499.66	502.47	521.22	507.78	2.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	500.06	511.88	508.71	506.88	1.21	ppb
Cadmium	106-1	499.34	520.56	510.89	510.26	2.08	ppb
Cadmium	108-1	512.89	510.70	503.90	509.17	0.92	ppb
Calcium	43-1	235542.99	235224.47	233382.43	234716.63	0.50	ppb
Calcium	44-1	235366.68	231521.14	230242.90	232376.91	1.15	ppb
Chromium	52-2	478.14	473.79	471.48	474.47	0.71	ppb
Cobalt	59-2	468.67	468.77	464.87	467.43	0.48	ppb
Copper	63-2	5188.19	5167.56	5150.14	5168.63	0.37	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				93		%
Indium	115-1				104		%
Indium	115-2				89		%
Iron	54-2	122243.13	120973.05	121296.08	121504.08	0.54	ppb
Iron	56-2	121437.64	121555.52	121869.01	121620.73	0.18	ppb
Iron	57-2	120393.96	120685.83	119346.16	120141.98	0.59	ppb
Krypton	83-1						cps
Lead	206-1	2484.52	2562.20	2481.49	2509.40	1.82	ppb
Lead	207-1	2427.43	2496.53	2419.33	2447.76	1.73	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 14:14:09	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2468.78	2512.57	2442.86	2474.74	1.42	ppb
Lithium	6-1				83		%
Magnesium	24-2	254247.33	255618.40	250230.16	253365.30	1.11	ppb
Manganese	55-2	4855.39	4877.88	4868.74	4867.33	0.23	ppb
Molybdenum	94-1	2435.92	2401.01	2455.10	2430.68	1.13	ppb
Molybdenum	95-1	2380.77	2409.73	2442.89	2411.13	1.29	ppb
Molybdenum	96-1	2390.27	2395.51	2437.28	2407.69	1.07	ppb
Molybdenum	97-1	2381.89	2419.11	2415.68	2405.56	0.86	ppb
Molybdenum	98-1	2380.25	2420.18	2436.35	2412.26	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.82	467.26	459.58	464.89	0.99	ppb
Phosphorus	31-2	9705.03	9601.30	9401.31	9569.22	1.61	ppb
Potassium	39-2	122092.87	121211.43	120738.61	121347.64	0.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	483.64	482.12	488.66	484.81	0.71	ppb
Selenium	77-2	504.27	527.57	505.90	512.58	2.54	ppb
Selenium	78-2	515.18	500.72	502.56	506.16	1.56	ppb
Silicon	28-1	511.65	532.56	543.88	529.36	3.09	ppb
Silver	109-1	475.90	481.61	475.40	477.64	0.72	ppb
Silver	107-1	474.09	478.55	475.01	475.88	0.49	ppb
Sodium	23-2	254281.51	255400.01	255944.85	255208.79	0.33	ppb
Strontium	86-1	473.90	472.07	478.71	474.89	0.72	ppb
Strontium	88-1	487.49	490.85	490.79	489.71	0.39	ppb
Sulfur	34-1	9565.79	9788.59	10162.56	9838.98	3.06	ppb
Terbium	159-1				105		%
Terbium	159-2				93		%
Thallium	203-1	458.38	472.19	464.31	464.96	1.49	ppb
Thallium	205-1	500.27	509.76	503.36	504.46	0.96	ppb
Thorium	232-1	453.01	450.35	458.67	454.01	0.94	ppb
Tin	118-1	478.10	490.47	475.39	481.32	1.67	ppb
Titanium	47-1	2383.02	2370.30	2346.43	2366.58	0.78	ppb
Uranium	238-1	446.13	447.03	451.55	448.24	0.65	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 14:14:09	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	479.04	479.91	473.87	477.61	0.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	5342.16	5320.15	5285.56	5315.96	0.54	ppb
Zirconium	90-1	481.70	482.68	492.34	485.57	1.21	ppb
Zirconium	91-1	464.34	468.57	469.83	467.58	0.61	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 14:25:26	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.57	0.25	0.40	40.04	ppb
Antimony	121-1	0.03	0.04	0.03	0.04	10.24	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.03	0.02	0.02	34.14	ppb
Barium	137-1	0.03	0.02	0.03	0.03	9.71	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	83.21	ppb
Bismuth	209-1				101		%
Bismuth	209-2				81		%
Boron	10-1	8.13	8.51	6.95	7.86	10.33	ppb
Boron	11-1	7.81	8.10	8.41	8.11	3.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.34	-0.06	-0.25	-0.21		ppb
Cadmium	106-1	-4.38	-0.77	-3.26	-2.81		ppb
Cadmium	108-1	0.06	0.09	0.04	0.06	39.24	ppb
Calcium	43-1	2.47	-1.58	1.21	0.70	295.27	ppb
Calcium	44-1	-3.85	-4.87	-4.69	-4.47		ppb
Chromium	52-2	0.04	0.03	0.00	0.02	78.54	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	29.97	ppb
Copper	63-2	0.20	0.19	0.18	0.19	5.88	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				108		%
Holmium	165-2				95		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	54-2	1.85	2.30	0.73	1.63	49.67	ppb
Iron	56-2	1.28	1.19	1.28	1.25	4.36	ppb
Iron	57-2	1.62	0.74	2.32	1.56	50.66	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.13	0.10	0.11	19.51	ppb
Lead	207-1	0.12	0.13	0.12	0.12	4.48	ppb

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 14:25:26 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.10	0.12	0.12	0.12	9.39	ppb
Lithium	6-1				85		%
Magnesium	24-2	2.81	2.43	3.34	2.86	15.99	ppb
Manganese	55-2	0.06	0.06	0.05	0.05	2.46	ppb
Molybdenum	94-1	0.00	0.05	0.02	0.02	91.91	ppb
Molybdenum	95-1	0.05	0.02	0.04	0.04	33.02	ppb
Molybdenum	96-1	0.02	0.04	0.04	0.03	22.44	ppb
Molybdenum	97-1	0.05	0.04	0.06	0.05	20.25	ppb
Molybdenum	98-1	0.05	0.04	0.02	0.04	32.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.01	-0.03		ppb
Phosphorus	31-2	3.66	2.47	1.52	2.55	42.11	ppb
Potassium	39-2	21.40	19.33	19.23	19.98	6.12	ppb
Rhodium	103-1				110		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	-0.51	-0.60	0.12	-0.33		ppb
Selenium	77-2	0.00	0.34	0.34	0.23	86.61	ppb
Selenium	78-2	-0.97	0.00	-0.81	-0.59		ppb
Silicon	28-1	-5.22	-4.92	-7.43	-5.86		ppb
Silver	109-1	0.03	0.02	0.02	0.02	11.54	ppb
Silver	107-1	0.02	0.03	0.03	0.03	36.06	ppb
Sodium	23-2	23.07	21.43	23.24	22.58	4.42	ppb
Strontium	86-1	-0.05	-0.06	-0.08	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	28.66	ppb
Sulfur	34-1	238.41	-104.58	-314.92	-60.36		ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	0.01	0.00	186.61	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	27.06	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	16.03	ppb
Tin	118-1	-0.03	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.04	0.04	0.09	0.06	45.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	31.73	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 14:25:26	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.01	0.01	42.90	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	-0.23	-0.14	-0.14	-0.17		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	24.08	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	11.37	ppb

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 09:53:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	83	83	78	12.37	cps
Antimony	121-1	0	17	42	19	107.85	cps
Arsenic	75-2	13	9	6	9	39.96	cps
Barium	135-1	25	17	33	25	33.32	cps
Barium	137-1	42	33	50	42	20.00	cps
Beryllium	9-1	44	44	28	39	24.75	cps
Bismuth	209-1	8565989	7347390	8025995	7979792	7.65	cps
Bismuth	209-2	5228618	5269465	5229940	5242674	0.44	cps
Boron	10-1	583	725	633	647	11.10	cps
Boron	11-1	3017	3359	3159	3178	5.40	cps
Bromine	81-1	23344	22552	23094	22997	1.76	cps
Bromine	81-2	60	80	50	63	24.12	cps
Cadmium	111-1	4034	3343	3713	3697	9.35	cps
Cadmium	106-1	5751	4784	5301	5279	9.17	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	383	200	242	275	34.95	cps
Calcium	44-1	16560	16151	15850	16187	2.20	cps
Chromium	52-2	1323	1090	1203	1206	9.68	cps
Cobalt	59-2	23	33	27	28	18.33	cps
Copper	63-2	847	783	850	827	4.54	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	42	100	42	61	55.11	cps
Erbium	164-2	27	33	43	34	24.35	cps
Gadolinium	160-1	100	100	108	103	4.68	cps
Gadolinium	160-2	160	203	167	177	13.21	cps
Holmium	165-1	12250303	10688491	11483556	11474116	6.81	cps
Holmium	165-2	7060574	7113039	7193146	7122253	0.94	cps
Indium	115-1	8771599	7750074	8360348	8294007	6.20	cps
Indium	115-2	2381752	2388504	2404631	2391629	0.49	cps
Iron	54-2	1642	1512	1452	1535	6.33	cps
Iron	56-2	8569	8497	8964	8677	2.90	cps
Iron	57-2	506	483	467	485	4.02	cps
Krypton	83-1	843	897	893	878	3.40	cps
Lead	206-1	156	111	100	122	24.05	cps
Lead	207-1	144	56	100	100	44.44	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 09:53:46 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	461	383	350	398	14.32	cps
Lithium	6-1	2143497	1938311	2053269	2045026	5.03	cps
Magnesium	24-2	217	192	200	203	6.28	cps
Manganese	55-2	133	100	90	108	21.06	cps
Molybdenum	94-1	225	158	142	175	25.20	cps
Molybdenum	95-1	8	0	8	6	86.60	cps
Molybdenum	96-1	42	67	58	56	22.91	cps
Molybdenum	97-1	8	0	17	8	100.02	cps
Molybdenum	98-1	50	50	25	42	34.64	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	137	143	170	150	11.76	cps
Phosphorus	31-2	175	167	100	147	27.92	cps
Potassium	39-2	71832	71597	72334	71921	0.52	cps
Rhodium	103-1	8395684	7399797	7755982	7850488	6.43	cps
Rhodium	103-2	4799187	4776121	4775873	4783727	0.28	cps
Scandium	45-1	5992173	5302581	5499505	5598086	6.35	cps
Scandium	45-2	416773	415958	416226	416319	0.10	cps
Selenium	82-1	60	-53	-46	-13	-484.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	191	193	167	183	7.89	cps
Silicon	28-1	710837	720004	716814	715885	0.65	cps
Silver	109-1	33	17	8	19	65.47	cps
Silver	107-1	50	67	83	67	25.00	cps
Sodium	23-2	21699	20948	21040	21229	1.93	cps
Strontium	86-1	1400	1392	1517	1436	4.87	cps
Strontium	88-1	175	208	125	169	24.75	cps
Sulfur	34-1	543445	543974	539160	542193	0.49	cps
Terbium	159-1	12380784	10907747	11861938	11716823	6.38	cps
Terbium	159-2	7028943	7138079	7040049	7069024	0.85	cps
Thallium	203-1	75	67	25	56	48.22	cps
Thallium	205-1	92	100	67	86	20.15	cps
Thorium	232-1	472	433	439	448	4.69	cps
Tin	118-1	892	792	792	825	7.00	cps
Titanium	47-1	133	58	125	106	38.94	cps
Uranium	238-1	0	50	33	28	91.65	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 09:53:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	3	10	8	49.52	cps
Yttrium	89-1	12324573	10712761	11628331	11555222	7.00	cps
Yttrium	89-2	2458871	2465155	2469313	2464446	0.21	cps
Zinc	66-2	653	683	700	679	3.48	cps
Zirconium	90-1	683	608	575	622	8.92	cps
Zirconium	91-1	92	100	100	97	4.95	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 09:57:16	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2884	2659	2667	2736	4.66	cps
Antimony	121-1	15651	15859	16176	15895	1.66	cps
Arsenic	75-2	378	391	380	383	1.83	cps
Barium	135-1	19673	19923	19990	19862	0.84	cps
Barium	137-1	33842	34602	34042	34162	1.15	cps
Beryllium	9-1	1395	1672	1550	1539	9.05	cps
Bismuth	209-1	8492622	8490461	8573846	8518976	0.56	cps
Bismuth	209-2	5202718	5239471	5202279	5214822	0.41	cps
Boron	10-1	4909	4592	5184	4895	6.05	cps
Boron	11-1	23126	23802	24754	23894	3.42	cps
Bromine	81-1	21775	22468	21708	21984	1.91	cps
Bromine	81-2	70	90	90	83	13.86	cps
Cadmium	111-1	6531	6466	6884	6627	3.40	cps
Cadmium	106-1	5685	5926	6235	5949	4.64	cps
Cadmium	108-1	171	225	246	214	18.10	cps
Calcium	43-1	13640	12606	12889	13045	4.10	cps
Calcium	44-1	221542	224210	224114	223289	0.68	cps
Chromium	52-2	7876	7949	7889	7904	0.49	cps
Cobalt	59-2	5258	5181	4954	5131	3.08	cps
Copper	63-2	9103	8966	8903	8991	1.14	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	67	58	108	78	34.45	cps
Erbium	164-2	33	30	13	26	41.94	cps
Gadolinium	160-1	158	192	83	144	38.41	cps
Gadolinium	160-2	137	197	163	166	18.16	cps
Holmium	165-1	12314298	12241686	12319540	12291841	0.35	cps
Holmium	165-2	6983136	7209975	7053479	7082197	1.64	cps
Indium	115-1	9001811	8879781	8976969	8952854	0.72	cps
Indium	115-2	2398430	2422713	2410425	2410523	0.50	cps
Iron	54-2	9513	9553	9643	9570	0.70	cps
Iron	56-2	154563	151319	144395	150092	3.46	cps
Iron	57-2	4462	4128	3806	4132	7.94	cps
Krypton	83-1	833	827	843	834	1.01	cps
Lead	206-1	6880	6674	6585	6713	2.25	cps
Lead	207-1	5840	5857	6063	5920	2.09	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 09:57:16	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	24230	24455	23908	24198	1.14	cps
Lithium	6-1	2132412	2153297	2160033	2148581	0.67	cps
Magnesium	24-2	136490	137499	128579	134190	3.64	cps
Manganese	55-2	2287	2240	2170	2232	2.63	cps
Molybdenum	94-1	17136	17227	17453	17272	0.94	cps
Molybdenum	95-1	20741	20607	20315	20554	1.06	cps
Molybdenum	96-1	23044	22643	22451	22713	1.33	cps
Molybdenum	97-1	12856	13098	12556	12837	2.12	cps
Molybdenum	98-1	32345	32546	32688	32527	0.53	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1617	1367	1427	1470	8.88	cps
Phosphorus	31-2	217	158	183	186	15.72	cps
Potassium	39-2	218476	220353	215136	217988	1.21	cps
Rhodium	103-1	8347253	8589491	8329314	8422020	1.73	cps
Rhodium	103-2	4785360	4788366	4761215	4778314	0.31	cps
Scandium	45-1	6083491	6085614	6075967	6081691	0.08	cps
Scandium	45-2	419401	420532	416162	418698	0.54	cps
Selenium	82-1	772	772	918	821	10.31	cps
Selenium	77-2	33	70	53	52	35.16	cps
Selenium	78-2	311	346	328	328	5.36	cps
Silicon	28-1	765652	766406	769813	767290	0.29	cps
Silver	109-1	9420	9178	9920	9506	3.98	cps
Silver	107-1	9704	9587	9979	9756	2.06	cps
Sodium	23-2	256837	256159	251729	254908	1.09	cps
Strontium	86-1	4167	4026	4317	4170	3.50	cps
Strontium	88-1	22935	22577	23670	23061	2.42	cps
Sulfur	34-1	548783	544187	546539	546503	0.42	cps
Terbium	159-1	12578149	12631513	12496487	12568716	0.54	cps
Terbium	159-2	7129804	7060306	7114431	7101514	0.51	cps
Thallium	203-1	8336	7944	7694	7992	4.05	cps
Thallium	205-1	20141	19314	19147	19534	2.72	cps
Thorium	232-1	461	489	406	452	9.39	cps
Tin	118-1	31594	32421	33048	32354	2.25	cps
Titanium	47-1	5685	5993	5785	5821	2.70	cps
Uranium	238-1	26002	26536	27380	26639	2.61	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 09:57:16	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	14197	14073	13726	13999	1.74	cps
Yttrium	89-1	12224169	12302826	12417103	12314699	0.79	cps
Yttrium	89-2	2472558	2486353	2488627	2482512	0.35	cps
Zinc	66-2	1960	1927	1957	1948	0.94	cps
Zirconium	90-1	15342	13865	14941	14716	5.19	cps
Zirconium	91-1	3225	3667	2784	3225	13.70	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:00:46	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140612	141521	136341	139492	1.98	cps
Antimony	121-1	432436	431870	431942	432083	0.07	cps
Arsenic	75-2	20943	20820	20336	20700	1.55	cps
Barium	135-1	540050	538147	541520	539906	0.31	cps
Barium	137-1	950419	940210	944897	945175	0.54	cps
Beryllium	9-1	83422	83350	82640	83137	0.52	cps
Bismuth	209-1	8493241	8562250	8826158	8627217	2.04	cps
Bismuth	209-2	5236985	5202581	5206687	5215418	0.36	cps
Boron	10-1	10112	11405	10562	10693	6.14	cps
Boron	11-1	49540	51145	50009	50231	1.64	cps
Bromine	81-1	21850	22710	21617	22059	2.61	cps
Bromine	81-2	90	110	90	97	11.95	cps
Cadmium	111-1	117413	118121	119959	118498	1.11	cps
Cadmium	106-1	18396	18571	17578	18181	2.92	cps
Cadmium	108-1	8736	8999	8907	8881	1.50	cps
Calcium	43-1	143969	144473	142708	143716	0.63	cps
Calcium	44-1	2294608	2296370	2281265	2290748	0.36	cps
Chromium	52-2	187228	184214	178134	183192	2.53	cps
Cobalt	59-2	286830	283478	276016	282108	1.96	cps
Copper	63-2	1928526	1904273	1873870	1902223	1.44	cps
Dysprosium	156-1	50	58	25	44	39.04	cps
Dysprosium	156-2	17	20	20	19	10.18	cps
Erbium	164-1	67	75	42	61	28.38	cps
Erbium	164-2	57	37	43	46	22.36	cps
Gadolinium	160-1	133	125	117	125	6.67	cps
Gadolinium	160-2	197	200	170	189	8.71	cps
Holmium	165-1	12143226	12253334	12385536	12260699	0.99	cps
Holmium	165-2	7222948	7260360	7261252	7248187	0.30	cps
Indium	115-1	8806274	8924737	8943775	8891595	0.84	cps
Indium	115-2	2400183	2405596	2396315	2400698	0.19	cps
Iron	54-2	441393	432808	422460	432220	2.19	cps
Iron	56-2	7298047	7248307	6999201	7181852	2.23	cps
Iron	57-2	196156	193286	188672	192705	1.96	cps
Krypton	83-1	800	743	937	827	12.02	cps
Lead	206-1	1863126	1884071	1878979	1875392	0.58	cps
Lead	207-1	1674291	1691044	1664759	1676698	0.79	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:00:46 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6700965	6779704	6757907	6746192	0.60	cps
Lithium	6-1	2122645	2140959	2142045	2135216	0.51	cps
Magnesium	24-2	1513689	1490205	1470667	1491520	1.44	cps
Manganese	55-2	1185093	1177520	1144446	1169020	1.85	cps
Molybdenum	94-1	921754	919205	914689	918549	0.39	cps
Molybdenum	95-1	1106105	1134228	1124245	1121526	1.27	cps
Molybdenum	96-1	1225526	1247128	1231753	1234802	0.90	cps
Molybdenum	97-1	687756	704466	696981	696401	1.20	cps
Molybdenum	98-1	1762387	1804477	1770093	1778985	1.26	cps
Neodymium	150-1	33	40	53	42	24.12	cps
Neodymium	150-2	7	20	13	13	49.99	cps
Nickel	60-2	75653	74829	72203	74229	2.43	cps
Phosphorus	31-2	9111	8678	8461	8750	3.78	cps
Potassium	39-2	888447	893261	875473	885727	1.04	cps
Rhodium	103-1	8317941	8306779	8312383	8312367	0.07	cps
Rhodium	103-2	4746980	4765239	4801914	4771378	0.59	cps
Scandium	45-1	6055782	6065506	5946854	6022714	1.09	cps
Scandium	45-2	416046	417259	415151	416152	0.25	cps
Selenium	82-1	7985	8166	7829	7993	2.11	cps
Selenium	77-2	577	480	447	501	13.48	cps
Selenium	78-2	2004	1961	1795	1920	5.76	cps
Silicon	28-1	1080385	1087095	1092295	1086592	0.55	cps
Silver	109-1	522868	530163	524023	525684	0.75	cps
Silver	107-1	545732	544486	552014	547411	0.74	cps
Sodium	23-2	2601155	2591583	2551340	2581359	1.02	cps
Strontium	86-1	146246	144403	147685	146112	1.13	cps
Strontium	88-1	1267245	1265092	1280406	1270914	0.65	cps
Sulfur	34-1	591766	591093	590548	591135	0.10	cps
Terbium	159-1	12545496	12390736	12795924	12577385	1.63	cps
Terbium	159-2	7220506	7083208	7163057	7155590	0.96	cps
Thallium	203-1	441161	435383	447704	441416	1.40	cps
Thallium	205-1	1053715	1057507	1059349	1056857	0.27	cps
Thorium	232-1	1540279	1544377	1568769	1551141	0.99	cps
Tin	118-1	354018	353133	350512	352554	0.52	cps
Titanium	47-1	318075	313819	320713	317535	1.10	cps
Uranium	238-1	1449176	1489595	1490015	1476262	1.59	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:00:46	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	156990	156314	152016	155107	1.74	cps
Yttrium	89-1	12240764	12148886	12393286	12260979	1.01	cps
Yttrium	89-2	2459606	2477506	2470169	2469093	0.36	cps
Zinc	66-2	306607	307233	301463	305101	1.04	cps
Zirconium	90-1	762434	762158	759932	761508	0.18	cps
Zirconium	91-1	169348	172106	168474	169976	1.12	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:04:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336238	333223	322658	330706	2.16	cps
Antimony	121-1	1068692	1059105	1057623	1061806	0.57	cps
Arsenic	75-2	50610	50147	48216	49658	2.56	cps
Barium	135-1	1338871	1322571	1331084	1330842	0.61	cps
Barium	137-1	2292102	2294692	2274275	2287023	0.49	cps
Beryllium	9-1	204783	201962	203826	203524	0.70	cps
Bismuth	209-1	8439486	8433986	8499083	8457518	0.43	cps
Bismuth	209-2	5220620	5178675	5208704	5202666	0.42	cps
Boron	10-1	24362	24395	24428	24395	0.14	cps
Boron	11-1	117327	119527	119208	118687	1.00	cps
Bromine	81-1	22268	21917	22610	22265	1.56	cps
Bromine	81-2	70	60	70	67	8.66	cps
Cadmium	111-1	289884	286063	286610	287519	0.72	cps
Cadmium	106-1	37634	37291	36698	37208	1.27	cps
Cadmium	108-1	21237	21308	21733	21426	1.25	cps
Calcium	43-1	343593	342215	337522	341110	0.93	cps
Calcium	44-1	5033737	5006427	4955295	4998486	0.80	cps
Chromium	52-2	445733	440545	427528	437935	2.14	cps
Cobalt	59-2	680591	673479	656079	670050	1.88	cps
Copper	63-2	4549087	4512433	4411751	4491090	1.58	cps
Dysprosium	156-1	58	33	67	53	32.88	cps
Dysprosium	156-2	37	40	47	41	12.39	cps
Erbium	164-1	75	8	25	36	96.08	cps
Erbium	164-2	43	33	40	39	13.09	cps
Gadolinium	160-1	208	150	150	169	19.88	cps
Gadolinium	160-2	213	227	193	211	7.95	cps
Holmium	165-1	12542139	12306158	12452028	12433441	0.96	cps
Holmium	165-2	7238175	7198098	7256933	7231069	0.42	cps
Indium	115-1	8932534	8977585	8871811	8927310	0.59	cps
Indium	115-2	2376736	2367653	2374438	2372942	0.20	cps
Iron	54-2	1049259	1040992	1018059	1036103	1.56	cps
Iron	56-2	17444687	17235370	16698014	17126024	2.25	cps
Iron	57-2	469476	466393	452101	462656	2.00	cps
Krypton	83-1	863	773	890	842	7.26	cps
Lead	206-1	4569915	4590885	4641922	4600907	0.80	cps
Lead	207-1	4115289	4102470	4111883	4109881	0.16	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:04:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	17246217	17348384	17233136	17275912	0.37	cps
Lithium	6-1	2132019	2112077	2125949	2123348	0.48	cps
Magnesium	24-2	3565538	3545704	3471281	3527508	1.41	cps
Manganese	55-2	2830893	2803124	2729880	2787966	1.87	cps
Molybdenum	94-1	2218072	2213137	2195933	2209047	0.53	cps
Molybdenum	95-1	2722546	2709109	2698005	2709886	0.45	cps
Molybdenum	96-1	3004524	2966689	2972153	2981122	0.69	cps
Molybdenum	97-1	1701093	1690914	1690754	1694254	0.35	cps
Molybdenum	98-1	4381626	4344957	4341083	4355889	0.51	cps
Neodymium	150-1	100	120	173	131	28.92	cps
Neodymium	150-2	40	17	20	26	49.38	cps
Nickel	60-2	177088	175805	172075	174990	1.49	cps
Phosphorus	31-2	20815	20756	20423	20665	1.02	cps
Potassium	39-2	2016627	2024121	1987382	2009376	0.97	cps
Rhodium	103-1	8245361	8269759	8311113	8275411	0.40	cps
Rhodium	103-2	4693922	4720401	4694488	4702937	0.32	cps
Scandium	45-1	5904404	5960546	5875703	5913551	0.73	cps
Scandium	45-2	405128	407334	403722	405395	0.45	cps
Selenium	82-1	19479	19561	19518	19519	0.21	cps
Selenium	77-2	1307	1323	1230	1287	3.87	cps
Selenium	78-2	4567	4647	4184	4466	5.54	cps
Silicon	28-1	1559148	1589651	1597721	1582174	1.29	cps
Silver	109-1	1283458	1271798	1275704	1276987	0.46	cps
Silver	107-1	1336219	1341871	1343620	1340570	0.29	cps
Sodium	23-2	5616024	5591559	5538812	5582132	0.71	cps
Strontium	86-1	362148	352387	357643	357393	1.37	cps
Strontium	88-1	3099607	3056388	3077174	3077723	0.70	cps
Sulfur	34-1	633657	634421	628899	632325	0.47	cps
Terbium	159-1	12501670	12545420	12622012	12556367	0.49	cps
Terbium	159-2	7172674	6948999	7063223	7061632	1.58	cps
Thallium	203-1	1071335	1070861	1094409	1078868	1.25	cps
Thallium	205-1	2589674	2577896	2608267	2591945	0.59	cps
Thorium	232-1	3864316	3847903	3845221	3852480	0.27	cps
Tin	118-1	864878	858392	864838	862703	0.43	cps
Titanium	47-1	766431	763882	755303	761872	0.77	cps
Uranium	238-1	3669185	3652112	3628376	3649891	0.56	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:04:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	375549	373353	363208	370703	1.78	cps
Yttrium	89-1	12185174	12021469	12102393	12103012	0.68	cps
Yttrium	89-2	2425159	2427724	2431374	2428086	0.13	cps
Zinc	66-2	738919	734460	709242	727541	2.20	cps
Zirconium	90-1	1847756	1852375	1832526	1844219	0.56	cps
Zirconium	91-1	411620	415669	411207	412832	0.60	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:07:55	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	629877	634830	628584	631097	0.52	cps
Antimony	121-1	2119819	2137566	2103452	2120279	0.80	cps
Arsenic	75-2	97708	97268	95766	96914	1.05	cps
Barium	135-1	2656380	2692472	2631760	2660204	1.15	cps
Barium	137-1	4606047	4620470	4605444	4610654	0.18	cps
Beryllium	9-1	394281	400972	397739	397664	0.84	cps
Bismuth	209-1	8831354	8347684	8417599	8532213	3.06	cps
Bismuth	209-2	5121818	5124501	5141114	5129144	0.20	cps
Boron	10-1	47500	47918	47249	47556	0.71	cps
Boron	11-1	227351	232155	231989	230498	1.18	cps
Bromine	81-1	20849	20148	20407	20468	1.73	cps
Bromine	81-2	100	80	130	103	24.36	cps
Cadmium	111-1	558217	563102	559681	560333	0.45	cps
Cadmium	106-1	67678	67427	67486	67530	0.19	cps
Cadmium	108-1	42844	43245	41665	42585	1.93	cps
Calcium	43-1	677202	689500	671760	679487	1.34	cps
Calcium	44-1	10101235	10194677	9926509	10074140	1.35	cps
Chromium	52-2	856455	853074	847562	852363	0.53	cps
Cobalt	59-2	1300248	1304407	1297471	1300709	0.27	cps
Copper	63-2	8603954	8594672	8601558	8600061	0.06	cps
Dysprosium	156-1	133	83	92	103	26.06	cps
Dysprosium	156-2	90	70	53	71	25.82	cps
Erbium	164-1	108	133	67	103	32.77	cps
Erbium	164-2	53	37	23	38	39.79	cps
Gadolinium	160-1	200	208	142	183	19.81	cps
Gadolinium	160-2	150	223	197	190	19.54	cps
Holmium	165-1	12876008	12053191	11968132	12299111	4.08	cps
Holmium	165-2	7261227	7186504	7217766	7221832	0.52	cps
Indium	115-1	9047584	8575821	8549813	8724406	3.21	cps
Indium	115-2	2327620	2329548	2337841	2331670	0.23	cps
Iron	54-2	2017070	2014169	1992907	2008049	0.66	cps
Iron	56-2	33478181	33821833	33614778	33638264	0.51	cps
Iron	57-2	898981	896621	894785	896796	0.23	cps
Krypton	83-1	813	873	853	847	3.61	cps
Lead	206-1	10079658	10207792	9902441	10063297	1.52	cps
Lead	207-1	9086962	9158488	8869991	9038481	1.66	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:07:55	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	36265980	36339547	36084807	36230111	0.36	cps
Lithium	6-1	2144163	2035452	2035209	2071608	3.03	cps
Magnesium	24-2	6339530	6401480	6349177	6363396	0.52	cps
Manganese	55-2	5428518	5465319	5410598	5434811	0.51	cps
Molybdenum	94-1	4437623	4460705	4413445	4437258	0.53	cps
Molybdenum	95-1	5391137	5436985	5336330	5388151	0.94	cps
Molybdenum	96-1	5813632	5820354	5687968	5773985	1.29	cps
Molybdenum	97-1	3380655	3371803	3351400	3367952	0.45	cps
Molybdenum	98-1	8359273	8241097	8221916	8274095	0.90	cps
Neodymium	150-1	213	200	293	236	21.43	cps
Neodymium	150-2	33	30	33	32	5.97	cps
Nickel	60-2	341451	343074	341693	342072	0.26	cps
Phosphorus	31-2	38726	38350	39428	38834	1.41	cps
Potassium	39-2	3792826	3795567	3788033	3792142	0.10	cps
Rhodium	103-1	8531361	7863880	7877924	8091055	4.71	cps
Rhodium	103-2	4600891	4577964	4611130	4596661	0.37	cps
Scandium	45-1	6061823	5708736	5659808	5810122	3.78	cps
Scandium	45-2	391285	387883	391050	390073	0.49	cps
Selenium	82-1	38059	38924	37953	38312	1.39	cps
Selenium	77-2	2430	2597	2534	2520	3.34	cps
Selenium	78-2	8627	8554	8441	8541	1.09	cps
Silicon	28-1	2365272	2392449	2438833	2398851	1.55	cps
Silver	109-1	2526360	2497284	2501920	2508521	0.62	cps
Silver	107-1	2639880	2660199	2609451	2636510	0.97	cps
Sodium	23-2	10840177	10903897	10782204	10842093	0.56	cps
Strontium	86-1	707798	711311	716668	711925	0.63	cps
Strontium	88-1	5933864	5992181	6002726	5976257	0.62	cps
Sulfur	34-1	726632	731741	722642	727005	0.63	cps
Terbium	159-1	13008048	12339868	12437434	12595117	2.87	cps
Terbium	159-2	7159318	7179192	7144960	7161157	0.24	cps
Thallium	203-1	2180431	2187447	2205919	2191266	0.60	cps
Thallium	205-1	5249958	5270752	5247927	5256212	0.24	cps
Thorium	232-1	8918932	8991433	8900809	8937058	0.54	cps
Tin	118-1	1697920	1722301	1680043	1700088	1.25	cps
Titanium	47-1	1518524	1524598	1507958	1517026	0.56	cps
Uranium	238-1	8368641	8377564	8351516	8365907	0.16	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:07:55	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	721909	728019	721976	723968	0.48	cps
Yttrium	89-1	12432802	11656810	11855189	11981600	3.36	cps
Yttrium	89-2	2378572	2387286	2389943	2385267	0.25	cps
Zinc	66-2	1417376	1418303	1407640	1414439	0.42	cps
Zirconium	90-1	3667187	3675065	3686143	3676132	0.26	cps
Zirconium	91-1	827635	833748	823841	828408	0.60	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:11:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1250233	1230590	1221424	1234082	1.19	cps
Antimony	121-1	4167811	4167525	4103500	4146279	0.89	cps
Arsenic	75-2	192013	189244	188235	189830	1.03	cps
Barium	135-1	5263726	5164015	5186262	5204667	1.01	cps
Barium	137-1	9111866	8931064	9097217	9046716	1.11	cps
Beryllium	9-1	758005	755272	752577	755285	0.36	cps
Bismuth	209-1	8349774	8378745	8541372	8423297	1.23	cps
Bismuth	209-2	4440366	4922434	4993532	4785444	6.29	cps
Boron	10-1	89783	92062	90293	90713	1.32	cps
Boron	11-1	441924	445871	442083	443293	0.50	cps
Bromine	81-1	20089	18971	20064	19708	3.24	cps
Bromine	81-2	60	50	10	40	66.14	cps
Cadmium	111-1	1084694	1079911	1087878	1084161	0.37	cps
Cadmium	106-1	125501	125727	125055	125428	0.27	cps
Cadmium	108-1	82768	83468	81762	82666	1.04	cps
Calcium	43-1	1299075	1304985	1292663	1298908	0.47	cps
Calcium	44-1	19187039	18795468	18980345	18987617	1.03	cps
Chromium	52-2	1666261	1642647	1639403	1649437	0.89	cps
Cobalt	59-2	2541890	2539015	2516611	2532505	0.55	cps
Copper	63-2	16824353	16653179	16447872	16641802	1.13	cps
Dysprosium	156-1	175	258	175	203	23.73	cps
Dysprosium	156-2	120	103	123	116	9.27	cps
Erbium	164-1	92	108	67	89	23.59	cps
Erbium	164-2	57	47	23	42	40.52	cps
Gadolinium	160-1	250	125	258	211	35.38	cps
Gadolinium	160-2	180	230	237	216	14.37	cps
Holmium	165-1	12321808	12080852	12505385	12302682	1.73	cps
Holmium	165-2	6359749	6927852	7049791	6779131	5.43	cps
Indium	115-1	8400854	8487267	8644324	8510815	1.45	cps
Indium	115-2	1975062	2232577	2237198	2148279	6.98	cps
Iron	54-2	3958036	3904494	3891729	3918086	0.90	cps
Iron	56-2	66446313	66130092	65444725	66007043	0.78	cps
Iron	57-2	1768942	1737161	1740551	1748885	1.00	cps
Krypton	83-1	790	793	810	798	1.34	cps
Lead	206-1	20003033	19905741	19674927	19861234	0.85	cps
Lead	207-1	17935306	17801852	18116693	17951284	0.88	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:11:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	71389072	71464792	72041827	71631897	0.50	cps
Lithium	6-1	1987668	1995591	2007782	1997014	0.51	cps
Magnesium	24-2	12227779	12303854	12127123	12219586	0.73	cps
Manganese	55-2	10293474	10174193	10061799	10176489	1.14	cps
Molybdenum	94-1	8255513	8108749	8201174	8188479	0.91	cps
Molybdenum	95-1	10140470	9989319	9938182	10022657	1.05	cps
Molybdenum	96-1	11148676	11009493	10972269	11043479	0.84	cps
Molybdenum	97-1	6256832	6336788	6209788	6267802	1.02	cps
Molybdenum	98-1	16260309	16084637	15983464	16109470	0.87	cps
Neodymium	150-1	393	420	433	416	4.90	cps
Neodymium	150-2	70	67	83	73	12.02	cps
Nickel	60-2	666865	656932	661257	661685	0.75	cps
Phosphorus	31-2	74351	75441	74452	74748	0.81	cps
Potassium	39-2	6629420	6596842	6607881	6611381	0.25	cps
Rhodium	103-1	7757175	7655786	7751762	7721574	0.74	cps
Rhodium	103-2	3903106	4421223	4445893	4256741	7.20	cps
Scandium	45-1	5639508	5486793	5579619	5568640	1.38	cps
Scandium	45-2	329454	373180	376367	359667	7.29	cps
Selenium	82-1	73161	73184	73764	73370	0.47	cps
Selenium	77-2	4701	5004	4687	4797	3.73	cps
Selenium	78-2	16352	16116	16222	16230	0.73	cps
Silicon	28-1	3799417	3836197	3871485	3835700	0.94	cps
Silver	109-1	4834926	4814834	4804273	4818011	0.32	cps
Silver	107-1	5038117	5042027	5046804	5042316	0.09	cps
Sodium	23-2	20915047	20959359	20816406	20896937	0.35	cps
Strontium	86-1	1353979	1363681	1369201	1362287	0.57	cps
Strontium	88-1	11502564	11562899	11553432	11539632	0.28	cps
Sulfur	34-1	883496	873438	870309	875748	0.79	cps
Terbium	159-1	12460361	12350271	12547993	12452875	0.80	cps
Terbium	159-2	6208915	7027771	6954245	6730310	6.73	cps
Thallium	203-1	4336043	4308094	4329078	4324405	0.34	cps
Thallium	205-1	11028948	10990022	10837350	10952107	0.92	cps
Thorium	232-1	17678518	17653822	17894930	17742423	0.75	cps
Tin	118-1	3321584	3387474	3300524	3336527	1.36	cps
Titanium	47-1	2924482	2896172	2909994	2910216	0.49	cps
Uranium	238-1	16684831	16657842	16617103	16653259	0.20	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:11:19	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1416098	1402523	1406543	1408388	0.50	cps
Yttrium	89-1	11558085	11606649	11830638	11665124	1.25	cps
Yttrium	89-2	2041358	2295400	2295521	2210760	6.64	cps
Zinc	66-2	2768666	2727719	2718780	2738389	0.97	cps
Zirconium	90-1	6992447	6900239	6879538	6924075	0.87	cps
Zirconium	91-1	1599094	1600631	1595174	1598300	0.18	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:14:39 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2397500	2425639	2393256	2405465	0.73	cps
Antimony	121-1	8146269	8174194	8254597	8191687	0.69	cps
Arsenic	75-2	375779	374400	375138	375106	0.18	cps
Barium	135-1	10299575	10425417	10388381	10371124	0.62	cps
Barium	137-1	18193195	17679250	18000395	17957613	1.45	cps
Beryllium	9-1	1444522	1444776	1445688	1444995	0.04	cps
Bismuth	209-1	8342353	8183928	8277652	8267978	0.96	cps
Bismuth	209-2	4852502	4832425	4820699	4835209	0.33	cps
Boron	10-1	176637	178491	178768	177965	0.65	cps
Boron	11-1	842555	865152	868933	858880	1.66	cps
Bromine	81-1	18804	20281	20114	19733	4.10	cps
Bromine	81-2	80	80	30	63	45.58	cps
Cadmium	111-1	2106083	2127401	2116473	2116652	0.50	cps
Cadmium	106-1	240323	238874	242575	240590	0.78	cps
Cadmium	108-1	163422	162440	162217	162693	0.39	cps
Calcium	43-1	2506765	2533259	2520471	2520165	0.53	cps
Calcium	44-1	37129884	36995958	37013985	37046609	0.20	cps
Chromium	52-2	3220315	3254511	3240235	3238354	0.53	cps
Cobalt	59-2	4933781	4936485	4957277	4942514	0.26	cps
Copper	63-2	32257366	32655593	32843473	32585477	0.92	cps
Dysprosium	156-1	317	300	367	328	10.58	cps
Dysprosium	156-2	243	187	270	233	18.24	cps
Erbium	164-1	67	108	75	83	26.46	cps
Erbium	164-2	40	90	40	57	50.94	cps
Gadolinium	160-1	292	250	258	267	8.27	cps
Gadolinium	160-2	230	280	250	253	9.94	cps
Holmium	165-1	12160669	12295291	12239056	12231672	0.55	cps
Holmium	165-2	6967062	6936992	7112343	7005466	1.34	cps
Indium	115-1	8254035	8516037	8414024	8394699	1.57	cps
Indium	115-2	2173235	2194734	2196101	2188024	0.59	cps
Iron	54-2	7135460	7259536	7166232	7187076	0.90	cps
Iron	56-2	128368661	129210992	129345408	128975020	0.41	cps
Iron	57-2	3401518	3427410	3429178	3419369	0.45	cps
Krypton	83-1	670	800	910	793	15.14	cps
Lead	206-1	38913254	39957008	39327995	39399419	1.33	cps
Lead	207-1	35486681	35373261	35519775	35459906	0.22	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:14:39 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	140976016	140499309	141622463	141032596	0.40	cps
Lithium	6-1	1916656	1914659	1923090	1918135	0.23	cps
Magnesium	24-2	24115016	24222207	23887868	24075030	0.71	cps
Manganese	55-2	19950302	20046135	20028228	20008222	0.25	cps
Molybdenum	94-1	16379985	16238157	16420740	16346294	0.59	cps
Molybdenum	95-1	19973990	20115778	20008775	20032847	0.37	cps
Molybdenum	96-1	21922087	22425397	22029379	22125621	1.20	cps
Molybdenum	97-1	12323314	12773139	12414442	12503632	1.90	cps
Molybdenum	98-1	31912807	32236458	31966704	32038656	0.54	cps
Neodymium	150-1	840	673	800	771	11.28	cps
Neodymium	150-2	130	117	113	120	7.35	cps
Nickel	60-2	1283765	1282334	1291559	1285886	0.39	cps
Phosphorus	31-2	147976	146402	146387	146922	0.62	cps
Potassium	39-2	12971446	12904173	12996038	12957219	0.37	cps
Rhodium	103-1	7610674	7656736	7647162	7638191	0.32	cps
Rhodium	103-2	4340400	4339373	4314926	4331566	0.33	cps
Scandium	45-1	5423821	5495685	5425347	5448284	0.75	cps
Scandium	45-2	373613	374687	375863	374721	0.30	cps
Selenium	82-1	143437	145176	142045	143553	1.09	cps
Selenium	77-2	9270	9386	9567	9408	1.59	cps
Selenium	78-2	31746	31363	32265	31791	1.42	cps
Silicon	28-1	6282154	6327376	6304081	6304537	0.36	cps
Silver	109-1	9314087	9126777	9162463	9201109	1.08	cps
Silver	107-1	9540553	9791755	9773292	9701867	1.44	cps
Sodium	23-2	40888441	41433618	40503821	40941960	1.14	cps
Strontium	86-1	2683311	2711526	2689573	2694803	0.55	cps
Strontium	88-1	22774333	22866866	22942763	22861320	0.37	cps
Sulfur	34-1	1251007	1255615	1250104	1252242	0.24	cps
Terbium	159-1	12638799	12472266	12453413	12521492	0.81	cps
Terbium	159-2	6940403	6997832	6808417	6915551	1.40	cps
Thallium	203-1	8910247	9004389	8848461	8921032	0.88	cps
Thallium	205-1	21427297	21993962	21484257	21635172	1.44	cps
Thorium	232-1	35663027	35195506	35433145	35430559	0.66	cps
Tin	118-1	6519065	6562183	6554034	6545094	0.35	cps
Titanium	47-1	5547267	5544339	5477737	5523114	0.71	cps
Uranium	238-1	32909073	33208554	33040681	33052769	0.45	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:14:39	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2775815	2775830	2771146	2774264	0.10	cps
Yttrium	89-1	11635846	11499479	11596395	11577240	0.61	cps
Yttrium	89-2	2287861	2300892	2304516	2297756	0.38	cps
Zinc	66-2	5308169	5315857	5321089	5315038	0.12	cps
Zirconium	90-1	13684963	13699113	13766965	13717014	0.32	cps
Zirconium	91-1	3176140	3215167	3177300	3189536	0.70	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:17:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11893305	11865355	11835541	11864734	0.24	cps
Antimony	121-1	6227	6335	5943	6168	3.28	cps
Arsenic	75-2	139	161	141	147	8.39	cps
Barium	135-1	17954	17820	17987	17920	0.49	cps
Barium	137-1	32280	31703	31378	31787	1.44	cps
Beryllium	9-1	200	239	206	215	9.79	cps
Bismuth	209-1	7313458	6858870	7292278	7154869	3.59	cps
Bismuth	209-2	4374073	4381368	4394262	4383234	0.23	cps
Boron	10-1	9870	9762	9645	9759	1.15	cps
Boron	11-1	50200	47141	46187	47843	4.38	cps
Bromine	81-1	19672	19489	19547	19569	0.48	cps
Bromine	81-2	90	130	150	123	24.77	cps
Cadmium	111-1	4879	4477	4298	4551	6.54	cps
Cadmium	106-1	5818	5401	5118	5446	6.47	cps
Cadmium	108-1	133	125	108	122	10.42	cps
Calcium	43-1	11834513	11713984	11831905	11793467	0.58	cps
Calcium	44-1	191941254	188593908	191193300	190576154	0.92	cps
Chromium	52-2	12532	12502	12779	12604	1.21	cps
Cobalt	59-2	9260	9323	9343	9309	0.47	cps
Copper	63-2	15545	15442	14491	15159	3.83	cps
Dysprosium	156-1	750	692	717	719	4.07	cps
Dysprosium	156-2	357	347	357	353	1.64	cps
Erbium	164-1	175	108	175	153	25.19	cps
Erbium	164-2	57	67	40	54	24.75	cps
Gadolinium	160-1	783	750	708	747	5.03	cps
Gadolinium	160-2	547	597	600	581	5.14	cps
Holmium	165-1	11437457	11610358	11577836	11541884	0.80	cps
Holmium	165-2	6705696	6704491	6576406	6662197	1.12	cps
Indium	115-1	8055270	7993536	7981606	8010137	0.49	cps
Indium	115-2	2148459	2160113	2151122	2153231	0.28	cps
Iron	54-2	34207244	34650432	34500571	34452749	0.65	cps
Iron	56-2	627775881	627641681	624065392	626494318	0.34	cps
Iron	57-2	15890919	15820336	15536734	15749330	1.19	cps
Krypton	83-1	890	850	760	833	7.99	cps
Lead	206-1	34879	33047	31955	33294	4.44	cps
Lead	207-1	31276	28881	29800	29986	4.03	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:17:55 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	124019	119307	116727	120018	3.08	cps
Lithium	6-1	1892367	1898068	1918743	1903059	0.73	cps
Magnesium	24-2	120307349	121818594	119994332	120706758	0.81	cps
Manganese	55-2	18398	17270	18011	17893	3.20	cps
Molybdenum	94-1	4926	4918	4634	4826	3.44	cps
Molybdenum	95-1	5284	5626	4993	5301	5.98	cps
Molybdenum	96-1	10771	10963	10279	10671	3.31	cps
Molybdenum	97-1	3409	3376	3259	3348	2.35	cps
Molybdenum	98-1	8253	8086	8378	8239	1.78	cps
Neodymium	150-1	60	20	40	40	50.00	cps
Neodymium	150-2	23	13	3	13	75.02	cps
Nickel	60-2	3864	4007	3744	3872	3.41	cps
Phosphorus	31-2	267	233	233	244	7.87	cps
Potassium	39-2	66493060	66311347	65930801	66245070	0.43	cps
Rhodium	103-1	6985753	7072469	7037256	7031826	0.62	cps
Rhodium	103-2	4027894	4024261	4012936	4021697	0.19	cps
Scandium	45-1	5506417	5588652	5528529	5541199	0.77	cps
Scandium	45-2	379234	380021	378782	379346	0.17	cps
Selenium	82-1	-16	40	145	56	144.86	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	172	146	130	149	14.37	cps
Silicon	28-1	1743545	1767939	1774362	1761949	0.92	cps
Silver	109-1	4459	4609	5068	4712	6.73	cps
Silver	107-1	5168	4651	4893	4904	5.27	cps
Sodium	23-2	201381209	203125280	204032113	202846200	0.66	cps
Strontium	86-1	16026	16043	15133	15734	3.31	cps
Strontium	88-1	128042	131606	131405	130351	1.54	cps
Sulfur	34-1	459571	465960	470735	465422	1.20	cps
Terbium	159-1	11949608	11551347	11749651	11750202	1.69	cps
Terbium	159-2	6664439	6594059	6606988	6621829	0.57	cps
Thallium	203-1	600	667	783	683	13.58	cps
Thallium	205-1	1850	1992	1734	1859	6.96	cps
Thorium	232-1	5779	5379	5046	5401	6.80	cps
Tin	118-1	5726	6076	5551	5785	4.62	cps
Titanium	47-1	717	792	675	728	8.12	cps
Uranium	238-1	3592	3226	3534	3451	5.71	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:17:55	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	690	663	670	674	2.06	cps
Yttrium	89-1	11401162	11188894	11356267	11315441	0.99	cps
Yttrium	89-2	2268091	2284950	2284241	2279094	0.42	cps
Zinc	66-2	15041	14918	14431	14796	2.18	cps
Zirconium	90-1	4326	4442	4968	4579	7.47	cps
Zirconium	91-1	1000	1000	933	978	3.94	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:28:11	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64723	65443	65368	65178	0.61	cps
Antimony	121-1	1708190	1706338	1697356	1703961	0.34	cps
Arsenic	75-2	80035	79849	80377	80087	0.33	cps
Barium	135-1	221912	222403	216327	220214	1.53	cps
Barium	137-1	383398	382167	378139	381235	0.72	cps
Beryllium	9-1	158999	157541	155761	157434	1.03	cps
Bismuth	209-1	8520606	8533587	8422252	8492149	0.72	cps
Bismuth	209-2	5054320	5059705	4961007	5025011	1.10	cps
Boron	10-1	95425	98402	97706	97178	1.60	cps
Boron	11-1	469171	478836	473677	473895	1.02	cps
Bromine	81-1	21575	20515	20983	21024	2.53	cps
Bromine	81-2	60	80	80	73	15.75	cps
Cadmium	111-1	244238	245672	245579	245163	0.33	cps
Cadmium	106-1	51920	51645	51461	51675	0.45	cps
Cadmium	108-1	28654	28295	26558	27836	4.03	cps
Calcium	43-1	62014	61244	59996	61085	1.67	cps
Calcium	44-1	934998	944039	931861	936966	0.67	cps
Chromium	52-2	349725	351783	344013	348507	1.16	cps
Cobalt	59-2	542895	544080	537188	541387	0.68	cps
Copper	63-2	381220	382234	375643	379699	0.93	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	8	50	75	44	75.78	cps
Erbium	164-2	30	33	33	32	5.97	cps
Gadolinium	160-1	108	75	108	97	19.80	cps
Gadolinium	160-2	210	153	207	190	16.73	cps
Holmium	165-1	12308559	12212730	12196564	12239285	0.49	cps
Holmium	165-2	7013162	7044003	7066919	7041361	0.38	cps
Indium	115-1	8881120	8834355	8724366	8813281	0.91	cps
Indium	115-2	2296316	2294521	2280359	2290398	0.38	cps
Iron	54-2	333701	333596	331980	333092	0.29	cps
Iron	56-2	5499130	5511414	5478304	5496283	0.30	cps
Iron	57-2	145293	145310	144149	144917	0.46	cps
Krypton	83-1	780	887	833	833	6.40	cps
Lead	206-1	1653003	1682208	1667457	1667556	0.88	cps
Lead	207-1	1376198	1401043	1392954	1390065	0.91	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:28:11	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5787202	5879124	5804049	5823458	0.84	cps
Lithium	6-1	2042530	2048784	2050732	2047349	0.21	cps
Magnesium	24-2	323607	327334	320202	323714	1.10	cps
Manganese	55-2	231146	229654	229059	229953	0.47	cps
Molybdenum	94-1	9117174	8981632	8924319	9007708	1.10	cps
Molybdenum	95-1	10906376	10857370	10776564	10846770	0.60	cps
Molybdenum	96-1	11999497	11821264	11844087	11888283	0.82	cps
Molybdenum	97-1	6748321	6782914	6691166	6740801	0.69	cps
Molybdenum	98-1	17344025	17376977	17103095	17274699	0.87	cps
Neodymium	150-1	20	27	33	27	24.99	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	142547	143823	141306	142559	0.88	cps
Phosphorus	31-2	242	283	200	242	17.24	cps
Potassium	39-2	656198	662340	661319	659953	0.50	cps
Rhodium	103-1	8317634	8211222	8294559	8274472	0.68	cps
Rhodium	103-2	4621997	4612500	4564222	4599573	0.67	cps
Scandium	45-1	5785429	5823497	5734158	5781028	0.78	cps
Scandium	45-2	388884	390691	384784	388119	0.78	cps
Selenium	82-1	31274	31051	30827	31051	0.72	cps
Selenium	77-2	2033	2047	1960	2013	2.32	cps
Selenium	78-2	6937	7046	6898	6960	1.10	cps
Silicon	28-1	3724955	3744047	3742367	3737123	0.28	cps
Silver	109-1	505197	503843	498071	502370	0.75	cps
Silver	107-1	536182	528672	517516	527457	1.78	cps
Sodium	23-2	976060	980818	966632	974504	0.74	cps
Strontium	86-1	1515561	1506898	1516201	1512887	0.34	cps
Strontium	88-1	12973579	12870159	12733961	12859233	0.93	cps
Sulfur	34-1	491032	483392	482710	485711	0.95	cps
Terbium	159-1	12623833	12827319	12468078	12639744	1.43	cps
Terbium	159-2	6991009	7004852	6836421	6944094	1.35	cps
Thallium	203-1	1908456	1910883	1920267	1913202	0.33	cps
Thallium	205-1	4551354	4628893	4606717	4595654	0.87	cps
Thorium	232-1	183914	187927	183753	185198	1.28	cps
Tin	118-1	3635222	3639806	3654674	3643234	0.28	cps
Titanium	47-1	3198576	3193522	3153598	3181899	0.77	cps
Uranium	238-1	18085007	18297261	18216858	18199709	0.59	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:28:11	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	290484	292305	283661	288817	1.58	cps
Yttrium	89-1	12142968	12133187	12142593	12139583	0.05	cps
Yttrium	89-2	2351764	2358596	2346739	2352366	0.25	cps
Zinc	66-2	114800	117017	114541	115452	1.18	cps
Zirconium	90-1	7713410	7621577	7672857	7669281	0.60	cps
Zirconium	91-1	1788701	1764034	1753410	1768715	1.02	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:38:24	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2867	2734	2417	2673	8.65	cps
Antimony	121-1	16201	16552	15901	16218	2.01	cps
Arsenic	75-2	372	400	304	359	13.82	cps
Barium	135-1	19923	19255	19865	19681	1.88	cps
Barium	137-1	36181	35145	35253	35527	1.60	cps
Beryllium	9-1	1400	1583	1495	1493	6.14	cps
Bismuth	209-1	8845877	8414333	8380967	8547059	3.03	cps
Bismuth	209-2	4919936	5092598	5070509	5027681	1.87	cps
Boron	10-1	7852	7969	7769	7863	1.28	cps
Boron	11-1	37747	37138	38976	37954	2.47	cps
Bromine	81-1	21525	20991	21091	21202	1.34	cps
Bromine	81-2	110	70	50	77	39.85	cps
Cadmium	111-1	6359	6515	6555	6476	1.60	cps
Cadmium	106-1	5359	5768	5776	5635	4.23	cps
Cadmium	108-1	204	242	175	207	16.15	cps
Calcium	43-1	12689	12456	12797	12647	1.38	cps
Calcium	44-1	220657	222143	225224	222674	1.05	cps
Chromium	52-2	7845	7939	7585	7790	2.35	cps
Cobalt	59-2	5241	5238	4981	5153	2.90	cps
Copper	63-2	11261	11438	10894	11198	2.48	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	23	3	7	11	96.43	cps
Erbium	164-1	58	100	58	72	33.31	cps
Erbium	164-2	20	23	33	26	27.15	cps
Gadolinium	160-1	75	117	83	92	24.05	cps
Gadolinium	160-2	170	183	163	172	5.91	cps
Holmium	165-1	12624700	12274094	12282919	12393904	1.61	cps
Holmium	165-2	6895557	7198881	7104193	7066210	2.20	cps
Indium	115-1	9025836	9049011	8831475	8968774	1.33	cps
Indium	115-2	2322413	2390831	2374081	2362442	1.51	cps
Iron	54-2	9693	9813	9353	9620	2.48	cps
Iron	56-2	156141	153322	147845	152436	2.77	cps
Iron	57-2	4128	3917	3795	3947	4.27	cps
Krypton	83-1	797	867	807	823	4.60	cps
Lead	206-1	7235	7197	6957	7130	2.11	cps
Lead	207-1	6368	6496	6035	6300	3.78	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:38:24	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	25623	25520	25529	25557	0.22	cps
Lithium	6-1	2057319	2062155	2015560	2045011	1.25	cps
Magnesium	24-2	132270	133077	128277	131208	1.96	cps
Manganese	55-2	2297	2390	2207	2298	3.99	cps
Molybdenum	94-1	17461	17761	18437	17887	2.79	cps
Molybdenum	95-1	21450	21300	21959	21569	1.60	cps
Molybdenum	96-1	23336	23178	23378	23297	0.45	cps
Molybdenum	97-1	12414	12581	13565	12853	4.84	cps
Molybdenum	98-1	32521	33807	34709	33679	3.27	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1537	1627	1513	1559	3.84	cps
Phosphorus	31-2	142	175	175	164	11.74	cps
Potassium	39-2	212450	213405	212297	212717	0.28	cps
Rhodium	103-1	8526760	8410378	8238065	8391735	1.73	cps
Rhodium	103-2	4633846	4770250	4731914	4712004	1.49	cps
Scandium	45-1	5823363	5901910	5795560	5840277	0.94	cps
Scandium	45-2	391803	401234	405613	399550	1.77	cps
Selenium	82-1	827	607	723	719	15.26	cps
Selenium	77-2	40	30	40	37	15.75	cps
Selenium	78-2	306	335	311	317	4.96	cps
Silicon	28-1	763646	756687	760436	760256	0.46	cps
Silver	109-1	10337	9895	10638	10290	3.63	cps
Silver	107-1	10838	10104	10838	10593	4.00	cps
Sodium	23-2	263094	260617	251853	258522	2.28	cps
Strontium	86-1	3867	4242	4659	4256	9.31	cps
Strontium	88-1	24213	24129	24179	24174	0.17	cps
Sulfur	34-1	492589	495953	494199	494247	0.34	cps
Terbium	159-1	12727933	12498384	12341164	12522494	1.55	cps
Terbium	159-2	7001162	7074776	6984048	7019995	0.69	cps
Thallium	203-1	8453	8578	8495	8509	0.75	cps
Thallium	205-1	20099	19799	19315	19737	2.01	cps
Thorium	232-1	706	622	694	674	6.71	cps
Tin	118-1	33850	33423	33332	33535	0.82	cps
Titanium	47-1	5768	5576	6276	5874	6.16	cps
Uranium	238-1	26770	27079	27597	27149	1.54	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:38:24	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	14157	13753	13326	13745	3.02	cps
Yttrium	89-1	12334761	12178702	12153287	12222250	0.80	cps
Yttrium	89-2	2367774	2428422	2411735	2402644	1.30	cps
Zinc	66-2	1783	1673	1907	1788	6.53	cps
Zirconium	90-1	15117	15609	15142	15289	1.81	cps
Zirconium	91-1	3517	3184	3434	3378	5.14	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:43:43 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	108	100	100	8.33	cps
Antimony	121-1	58	133	117	103	38.32	cps
Arsenic	75-2	6	4	15	8	74.17	cps
Barium	135-1	50	50	67	56	17.32	cps
Barium	137-1	75	58	75	69	13.86	cps
Beryllium	9-1	67	44	39	50	29.40	cps
Bismuth	209-1	8645175	8526866	8425103	8532381	1.29	cps
Bismuth	209-2	5050887	5017494	5042819	5037067	0.35	cps
Boron	10-1	3034	2534	2684	2750	9.33	cps
Boron	11-1	13698	13682	13798	13726	0.46	cps
Bromine	81-1	21291	21450	21074	21272	0.89	cps
Bromine	81-2	60	110	100	90	29.40	cps
Cadmium	111-1	3681	3747	3851	3760	2.27	cps
Cadmium	106-1	5268	5351	5526	5382	2.45	cps
Cadmium	108-1	21	4	25	17	66.13	cps
Calcium	43-1	300	267	233	267	12.50	cps
Calcium	44-1	16276	15459	15508	15748	2.91	cps
Chromium	52-2	1183	1193	1193	1190	0.49	cps
Cobalt	59-2	50	47	47	48	4.02	cps
Copper	63-2	2530	2800	2860	2730	6.44	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	33	108	83	75	50.92	cps
Erbium	164-2	27	20	37	28	30.20	cps
Gadolinium	160-1	108	117	83	103	16.88	cps
Gadolinium	160-2	160	223	220	201	17.72	cps
Holmium	165-1	12524486	12435958	12077706	12346050	1.92	cps
Holmium	165-2	7157273	6990282	7101591	7083049	1.20	cps
Indium	115-1	9080961	9036525	9076804	9064763	0.27	cps
Indium	115-2	2380431	2355643	2389148	2375074	0.73	cps
Iron	54-2	1392	1452	1412	1418	2.16	cps
Iron	56-2	9086	9059	8786	8977	1.85	cps
Iron	57-2	417	544	444	469	14.34	cps
Krypton	83-1	813	923	893	877	6.49	cps
Lead	206-1	317	339	289	315	7.96	cps
Lead	207-1	289	317	261	289	9.62	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:43:43 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1106	1169	1136	1137	2.81	cps
Lithium	6-1	2050352	2042025	2035227	2042535	0.37	cps
Magnesium	24-2	433	408	375	406	7.22	cps
Manganese	55-2	213	233	237	228	5.54	cps
Molybdenum	94-1	350	400	283	344	16.99	cps
Molybdenum	95-1	142	192	133	156	20.28	cps
Molybdenum	96-1	233	192	183	203	13.21	cps
Molybdenum	97-1	133	83	83	100	28.87	cps
Molybdenum	98-1	192	167	292	217	30.53	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	117	100	87	101	14.87	cps
Phosphorus	31-2	142	217	150	169	24.26	cps
Potassium	39-2	67922	68776	68809	68503	0.73	cps
Rhodium	103-1	8586812	8363836	8301398	8417349	1.78	cps
Rhodium	103-2	4708784	4716193	4734000	4719659	0.27	cps
Scandium	45-1	5934013	5885211	5824196	5881140	0.94	cps
Scandium	45-2	400255	401115	402612	401327	0.30	cps
Selenium	82-1	-1	-68	-62	-44	-84.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	157	148	145	9.75	cps
Silicon	28-1	693014	699668	701157	697947	0.62	cps
Silver	109-1	383	442	525	450	15.82	cps
Silver	107-1	675	567	575	606	9.96	cps
Sodium	23-2	28436	27735	28102	28091	1.25	cps
Strontium	86-1	1467	1342	1425	1411	4.51	cps
Strontium	88-1	275	233	250	253	8.30	cps
Sulfur	34-1	504739	511425	504084	506750	0.80	cps
Terbium	159-1	12572441	12512861	12432326	12505876	0.56	cps
Terbium	159-2	6999438	7089279	7005193	7031304	0.72	cps
Thallium	203-1	50	58	58	56	8.66	cps
Thallium	205-1	167	83	150	133	33.07	cps
Thorium	232-1	528	489	544	520	5.48	cps
Tin	118-1	1417	1275	1192	1295	8.79	cps
Titanium	47-1	192	58	225	158	55.70	cps
Uranium	238-1	100	133	92	108	20.35	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:43:43	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	10	7	11	45.82	cps
Yttrium	89-1	12360356	12215610	12278959	12284975	0.59	cps
Yttrium	89-2	2404280	2414036	2405151	2407822	0.22	cps
Zinc	66-2	807	747	817	790	4.79	cps
Zirconium	90-1	750	642	742	711	8.48	cps
Zirconium	91-1	158	108	117	128	20.96	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:47:14 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10667050	10585735	10602177	10618321	0.40	cps
Antimony	121-1	9437	9370	9387	9398	0.37	cps
Arsenic	75-2	128	130	137	131	3.73	cps
Barium	135-1	3075	3217	2975	3089	3.93	cps
Barium	137-1	5076	5009	4834	4973	2.51	cps
Beryllium	9-1	450	439	411	433	4.62	cps
Bismuth	209-1	8304851	8207256	8053187	8188431	1.55	cps
Bismuth	209-2	4774964	4773960	4702289	4750404	0.88	cps
Boron	10-1	2659	2567	2317	2514	7.04	cps
Boron	11-1	11980	12155	12072	12069	0.73	cps
Bromine	81-1	24396	23603	24964	24321	2.81	cps
Bromine	81-2	260	180	260	234	19.79	cps
Cadmium	111-1	4799	4581	4442	4607	3.91	cps
Cadmium	106-1	5251	5209	5301	5254	0.87	cps
Cadmium	108-1	2175	2184	2438	2265	6.59	cps
Calcium	43-1	2454038	2448511	2486054	2462868	0.82	cps
Calcium	44-1	37219335	36691658	36907320	36939438	0.72	cps
Chromium	52-2	65528	66388	65732	65883	0.68	cps
Cobalt	59-2	5941	5975	6071	5996	1.13	cps
Copper	63-2	31764	30128	30722	30871	2.68	cps
Dysprosium	156-1	58	67	67	64	7.53	cps
Dysprosium	156-2	30	30	30	30	0.00	cps
Erbium	164-1	92	108	100	100	8.33	cps
Erbium	164-2	33	30	37	33	10.01	cps
Gadolinium	160-1	175	200	142	172	16.99	cps
Gadolinium	160-2	200	240	157	199	20.95	cps
Holmium	165-1	12611375	12536038	12673444	12606953	0.55	cps
Holmium	165-2	7191164	7051799	7062480	7101814	1.09	cps
Indium	115-1	8857940	8866901	8828587	8851142	0.23	cps
Indium	115-2	2285498	2285521	2290154	2287057	0.12	cps
Iron	54-2	14064776	13957980	13922209	13981655	0.53	cps
Iron	56-2	254773617	254097845	254219717	254363726	0.14	cps
Iron	57-2	6378454	6279555	6316326	6324778	0.79	cps
Krypton	83-1	833	840	757	810	5.72	cps
Lead	206-1	31588	30630	30385	30867	2.06	cps
Lead	207-1	24128	23738	23849	23905	0.84	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:47:14 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	102927	102026	101462	102139	0.72	cps
Lithium	6-1	1979940	1943257	1910202	1944466	1.79	cps
Magnesium	24-2	23040139	22947352	22601478	22862990	1.01	cps
Manganese	55-2	15508	15175	15368	15350	1.09	cps
Molybdenum	94-1	4566035	4531709	4549430	4549058	0.38	cps
Molybdenum	95-1	7681529	7553908	7680030	7638489	0.96	cps
Molybdenum	96-1	8162899	8065663	8238176	8155579	1.06	cps
Molybdenum	97-1	4972038	4945166	4996418	4971207	0.52	cps
Molybdenum	98-1	12118195	12332809	12416064	12289023	1.25	cps
Neodymium	150-1	40	33	40	38	10.19	cps
Neodymium	150-2	37	17	10	21	65.74	cps
Nickel	60-2	6818	7168	7022	7003	2.51	cps
Phosphorus	31-2	706347	706507	705265	706040	0.10	cps
Potassium	39-2	25320539	25536023	25401038	25419200	0.43	cps
Rhodium	103-1	8060764	8091754	8025081	8059200	0.41	cps
Rhodium	103-2	4525016	4481754	4483310	4496693	0.55	cps
Scandium	45-1	5844255	5821006	5938530	5867930	1.06	cps
Scandium	45-2	390242	392757	389890	390963	0.40	cps
Selenium	82-1	27	43	30	33	25.12	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	167	154	165	162	4.33	cps
Silicon	28-1	771889	769903	775161	772318	0.34	cps
Silver	109-1	1225	1308	1000	1178	13.54	cps
Silver	107-1	1392	1083	1167	1214	13.14	cps
Sodium	23-2	40387443	40499744	39963899	40283695	0.70	cps
Strontium	86-1	92504	93528	94391	93474	1.01	cps
Strontium	88-1	792924	798724	808772	800140	1.00	cps
Sulfur	34-1	4291131	4218878	4310619	4273543	1.13	cps
Terbium	159-1	12619646	12775739	12712047	12702477	0.62	cps
Terbium	159-2	7120832	7012638	7011187	7048219	0.89	cps
Thallium	203-1	125	100	208	144	39.27	cps
Thallium	205-1	375	408	375	386	4.98	cps
Thorium	232-1	567	650	667	628	8.53	cps
Tin	118-1	2342	2434	2592	2456	5.15	cps
Titanium	47-1	2271184	2248396	2279710	2266430	0.71	cps
Uranium	238-1	458	467	633	519	19.01	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:47:14	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	400	420	460	427	7.16	cps
Yttrium	89-1	12355074	12265021	12439078	12353058	0.70	cps
Yttrium	89-2	2387815	2392469	2398883	2393055	0.23	cps
Zinc	66-2	7068	6902	6882	6951	1.48	cps
Zirconium	90-1	950	1017	875	947	7.48	cps
Zirconium	91-1	217	167	183	189	13.48	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 10:50:40 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11115026	10878659	10799168	10930951	1.50	cps
Antimony	121-1	168837	175684	171325	171949	2.02	cps
Arsenic	75-2	7841	7800	7787	7810	0.36	cps
Barium	135-1	42298	43460	44689	43482	2.75	cps
Barium	137-1	78647	76888	78236	77924	1.18	cps
Beryllium	9-1	28850	27653	28583	28362	2.21	cps
Bismuth	209-1	8171402	8557467	8232366	8320411	2.49	cps
Bismuth	209-2	4762207	4731338	4783421	4758989	0.55	cps
Boron	10-1	13398	13356	14282	13679	3.82	cps
Boron	11-1	67575	67425	67735	67578	0.23	cps
Bromine	81-1	24897	25406	24254	24852	2.32	cps
Bromine	81-2	190	230	170	197	15.53	cps
Cadmium	111-1	48110	47920	47392	47807	0.78	cps
Cadmium	106-1	11296	11730	11463	11497	1.90	cps
Cadmium	108-1	5989	6156	5772	5972	3.22	cps
Calcium	43-1	2473159	2484424	2487893	2481825	0.31	cps
Calcium	44-1	37013227	37100909	36657389	36923842	0.64	cps
Chromium	52-2	134610	131103	133507	133073	1.35	cps
Cobalt	59-2	108957	108282	108262	108501	0.36	cps
Copper	63-2	103365	101035	99267	101222	2.03	cps
Dysprosium	156-1	42	50	50	47	10.18	cps
Dysprosium	156-2	20	23	30	24	20.83	cps
Erbium	164-1	50	133	83	89	47.19	cps
Erbium	164-2	50	50	37	46	16.89	cps
Gadolinium	160-1	133	158	167	153	11.35	cps
Gadolinium	160-2	210	230	180	207	12.18	cps
Holmium	165-1	12693499	12922598	12897625	12837907	0.98	cps
Holmium	165-2	7179106	6931024	7179856	7096662	2.02	cps
Indium	115-1	9167657	8957554	9165480	9096897	1.33	cps
Indium	115-2	2333100	2314920	2319424	2322481	0.41	cps
Iron	54-2	14173368	14196409	14096847	14155541	0.37	cps
Iron	56-2	257370228	257807978	254892822	256690343	0.61	cps
Iron	57-2	6520331	6423537	6440354	6461408	0.80	cps
Krypton	83-1	917	773	750	813	11.10	cps
Lead	206-1	164176	167487	168171	166611	1.28	cps
Lead	207-1	135432	136824	136706	136321	0.57	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:50:40	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	563107	575478	567899	568828	1.10	cps
Lithium	6-1	1943039	1951621	1968613	1954424	0.67	cps
Magnesium	24-2	23375798	23539469	22841878	23252382	1.57	cps
Manganese	55-2	57699	57154	56361	57071	1.18	cps
Molybdenum	94-1	5086330	5056085	5060937	5067784	0.32	cps
Molybdenum	95-1	8014709	8111754	8018712	8048392	0.68	cps
Molybdenum	96-1	8476489	8722503	8509533	8569508	1.56	cps
Molybdenum	97-1	5209098	5197876	5148157	5185044	0.63	cps
Molybdenum	98-1	13080458	12788206	12790148	12886271	1.31	cps
Neodymium	150-1	60	40	73	58	29.04	cps
Neodymium	150-2	37	33	27	32	15.80	cps
Nickel	60-2	34196	33712	33141	33683	1.57	cps
Phosphorus	31-2	731676	723263	716905	723948	1.02	cps
Potassium	39-2	26197657	26039369	25737205	25991410	0.90	cps
Rhodium	103-1	8253937	8280577	8142139	8225551	0.89	cps
Rhodium	103-2	4568178	4528045	4588157	4561460	0.67	cps
Scandium	45-1	5921613	5884234	5835349	5880398	0.74	cps
Scandium	45-2	404636	401068	404580	403428	0.51	cps
Selenium	82-1	3054	2944	3032	3010	1.93	cps
Selenium	77-2	170	227	193	197	14.48	cps
Selenium	78-2	826	813	796	812	1.83	cps
Silicon	28-1	1081609	1079503	1095611	1085574	0.81	cps
Silver	109-1	184099	186565	182032	184232	1.23	cps
Silver	107-1	191882	193191	192652	192575	0.34	cps
Sodium	23-2	41187996	41800283	41196051	41394777	0.85	cps
Strontium	86-1	255324	257107	257989	256807	0.53	cps
Strontium	88-1	2233164	2240808	2226686	2233553	0.32	cps
Sulfur	34-1	4266286	4271609	4292258	4276718	0.32	cps
Terbium	159-1	12956411	12988727	12974569	12973236	0.12	cps
Terbium	159-2	7063987	7081817	7151406	7099070	0.65	cps
Thallium	203-1	164453	164757	167280	165497	0.94	cps
Thallium	205-1	400299	398854	394352	397835	0.78	cps
Thorium	232-1	18686	19526	19988	19400	3.40	cps
Tin	118-1	389279	390779	393506	391188	0.55	cps
Titanium	47-1	2375293	2351294	2368510	2365032	0.52	cps
Uranium	238-1	1619182	1601696	1637733	1619537	1.11	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:50:40	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	56942	56103	56437	56494	0.75	cps
Yttrium	89-1	12482409	12471812	12594583	12516268	0.54	cps
Yttrium	89-2	2450392	2437068	2444359	2443939	0.27	cps
Zinc	66-2	18221	18759	17884	18288	2.41	cps
Zirconium	90-1	863227	868688	865823	865912	0.32	cps
Zirconium	91-1	192678	194377	192916	193324	0.48	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:58:43	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5253104	5261830	5366537	5293824	1.19	cps
Antimony	121-1	3948146	3966183	3954392	3956240	0.23	cps
Arsenic	75-2	183698	184931	183188	183939	0.49	cps
Barium	135-1	4963995	4933352	4941448	4946265	0.32	cps
Barium	137-1	8717233	8617486	8729779	8688166	0.71	cps
Beryllium	9-1	682739	693151	688817	688236	0.76	cps
Bismuth	209-1	7935254	7966321	7875734	7925770	0.58	cps
Bismuth	209-2	4507773	4502131	4484226	4498043	0.27	cps
Boron	10-1	82641	83388	82725	82918	0.49	cps
Boron	11-1	403636	409020	403608	405421	0.77	cps
Bromine	81-1	22101	21892	21800	21931	0.70	cps
Bromine	81-2	140	70	140	117	34.64	cps
Cadmium	111-1	1011980	1019436	1006310	1012575	0.65	cps
Cadmium	106-1	118802	119164	117752	118573	0.62	cps
Cadmium	108-1	77267	78955	78700	78307	1.16	cps
Calcium	43-1	5824557	5872427	5723205	5806729	1.31	cps
Calcium	44-1	93175277	93043450	92522794	92913840	0.37	cps
Chromium	52-2	1617939	1616309	1593739	1609329	0.84	cps
Cobalt	59-2	2438719	2422895	2402600	2421405	0.75	cps
Copper	63-2	17098955	16997181	16709093	16935077	1.19	cps
Dysprosium	156-1	425	433	383	414	6.47	cps
Dysprosium	156-2	293	287	257	279	7.00	cps
Erbium	164-1	75	117	150	114	32.99	cps
Erbium	164-2	47	53	53	51	7.52	cps
Gadolinium	160-1	492	450	483	475	4.64	cps
Gadolinium	160-2	300	450	320	357	22.83	cps
Holmium	165-1	12146886	12312715	12287152	12248918	0.73	cps
Holmium	165-2	6932179	6887338	6847581	6889033	0.61	cps
Indium	115-1	8586108	8692306	8661829	8646748	0.63	cps
Indium	115-2	2206941	2208062	2208805	2207936	0.04	cps
Iron	54-2	16668011	16699366	16511602	16626326	0.60	cps
Iron	56-2	305222173	305950696	301135873	304102914	0.85	cps
Iron	57-2	7631722	7626870	7565843	7608145	0.48	cps
Krypton	83-1	970	873	897	913	5.52	cps
Lead	206-1	18221075	18102071	17899004	18074050	0.90	cps
Lead	207-1	16292815	16300977	16314693	16302829	0.07	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:58:43	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	65601750	65295052	65267704	65388169	0.28	cps
Lithium	6-1	1883341	1863918	1856278	1867846	0.75	cps
Magnesium	24-2	58271985	57584808	58650583	58169125	0.93	cps
Manganese	55-2	9998080	10036092	9845848	9960007	1.01	cps
Molybdenum	94-1	8156679	8258865	8184589	8200044	0.64	cps
Molybdenum	95-1	10038939	10021974	10043345	10034752	0.11	cps
Molybdenum	96-1	11040397	10994493	11122459	11052450	0.59	cps
Molybdenum	97-1	6246340	6225869	6299470	6257226	0.61	cps
Molybdenum	98-1	15800024	15962198	15954510	15905577	0.58	cps
Neodymium	150-1	373	360	487	407	17.11	cps
Neodymium	150-2	50	73	87	70	26.51	cps
Nickel	60-2	631256	621674	622081	625004	0.87	cps
Phosphorus	31-2	73631	73422	74092	73715	0.47	cps
Potassium	39-2	31696233	31780533	31659160	31711975	0.20	cps
Rhodium	103-1	7846247	7795134	7776499	7805960	0.46	cps
Rhodium	103-2	4286244	4299493	4299567	4295101	0.18	cps
Scandium	45-1	5725547	5817812	5765097	5769485	0.80	cps
Scandium	45-2	389980	386941	388267	388396	0.39	cps
Selenium	82-1	72322	72179	72401	72301	0.16	cps
Selenium	77-2	4931	4744	4541	4739	4.12	cps
Selenium	78-2	16350	15846	15809	16001	1.89	cps
Silicon	28-1	4210900	4319217	4330565	4286894	1.54	cps
Silver	109-1	4491481	4503997	4513892	4503124	0.25	cps
Silver	107-1	4697733	4722314	4716963	4712337	0.27	cps
Sodium	23-2	100416008	98995002	100248771	99886594	0.78	cps
Strontium	86-1	1360741	1351245	1348099	1353362	0.49	cps
Strontium	88-1	11393957	11509668	11550376	11484667	0.71	cps
Sulfur	34-1	841471	838293	830582	836782	0.67	cps
Terbium	159-1	12468003	12556330	12472979	12499104	0.40	cps
Terbium	159-2	6856952	6824586	6753956	6811831	0.77	cps
Thallium	203-1	3906259	3889284	3916331	3903958	0.35	cps
Thallium	205-1	10089823	9879808	9928127	9965919	1.10	cps
Thorium	232-1	15999046	16296016	15994473	16096511	1.07	cps
Tin	118-1	3209448	3205233	3186300	3200327	0.39	cps
Titanium	47-1	2858504	2864119	2839703	2854109	0.45	cps
Uranium	238-1	15301825	15189776	15349894	15280498	0.54	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 10:58:43	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1388940	1390911	1382058	1387303	0.34	cps
Yttrium	89-1	11901911	12033452	12132046	12022470	0.96	cps
Yttrium	89-2	2330141	2352873	2351911	2344975	0.55	cps
Zinc	66-2	2876760	2873199	2860143	2870034	0.30	cps
Zirconium	90-1	6818555	6907365	6935288	6887069	0.89	cps
Zirconium	91-1	1575906	1605003	1564420	1581776	1.32	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:09:49	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	217	208	197	13.58	cps
Antimony	121-1	275	350	233	286	20.66	cps
Arsenic	75-2	15	11	6	10	44.37	cps
Barium	135-1	50	83	50	61	31.50	cps
Barium	137-1	175	108	83	122	38.77	cps
Beryllium	9-1	50	61	39	50	22.22	cps
Bismuth	209-1	8682032	8317174	8651483	8550230	2.37	cps
Bismuth	209-2	4633065	4896876	4735953	4755298	2.80	cps
Boron	10-1	2109	2309	2242	2220	4.59	cps
Boron	11-1	10671	11021	10245	10646	3.65	cps
Bromine	81-1	23711	22268	23152	23044	3.16	cps
Bromine	81-2	70	110	70	83	27.71	cps
Cadmium	111-1	3819	3810	3445	3691	5.78	cps
Cadmium	106-1	5468	5460	4918	5282	5.97	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	408	225	275	303	31.30	cps
Calcium	44-1	16960	16852	16026	16613	3.08	cps
Chromium	52-2	1293	1160	1223	1226	5.44	cps
Cobalt	59-2	60	57	53	57	5.89	cps
Copper	63-2	3400	3517	3277	3398	3.53	cps
Dysprosium	156-1	8	42	33	28	62.46	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	40	20	27	29	35.25	cps
Gadolinium	160-1	108	142	125	125	13.33	cps
Gadolinium	160-2	173	190	137	167	16.37	cps
Holmium	165-1	12413597	11949813	12285474	12216295	1.96	cps
Holmium	165-2	6602709	7067937	6723042	6797896	3.55	cps
Indium	115-1	9519953	9026439	8920331	9155575	3.50	cps
Indium	115-2	2192779	2338442	2302331	2277851	3.33	cps
Iron	54-2	1742	1742	1582	1689	5.48	cps
Iron	56-2	11582	11749	11777	11703	0.90	cps
Iron	57-2	494	539	567	533	6.83	cps
Krypton	83-1	877	893	867	879	1.53	cps
Lead	206-1	683	694	589	656	8.85	cps
Lead	207-1	550	539	539	543	1.18	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:09:49	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2353	2275	2103	2244	5.70	cps
Lithium	6-1	1988260	1953913	1955829	1966001	0.98	cps
Magnesium	24-2	817	808	725	783	6.47	cps
Manganese	55-2	197	217	140	184	21.56	cps
Molybdenum	94-1	300	300	342	314	7.66	cps
Molybdenum	95-1	175	175	200	183	7.87	cps
Molybdenum	96-1	325	267	308	300	10.01	cps
Molybdenum	97-1	117	108	108	111	4.33	cps
Molybdenum	98-1	275	250	350	292	17.84	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	103	93	133	110	18.93	cps
Phosphorus	31-2	192	200	167	186	9.32	cps
Potassium	39-2	71723	73343	69027	71364	3.06	cps
Rhodium	103-1	8679229	8388266	8381678	8483058	2.00	cps
Rhodium	103-2	4426261	4706842	4590966	4574690	3.08	cps
Scandium	45-1	5880285	5795808	5797522	5824538	0.83	cps
Scandium	45-2	375842	401142	390228	389071	3.26	cps
Selenium	82-1	2	26	-12	5	357.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	156	174	170	167	5.88	cps
Silicon	28-1	709383	711587	708468	709812	0.23	cps
Silver	109-1	475	467	542	494	8.31	cps
Silver	107-1	483	600	550	544	10.75	cps
Sodium	23-2	30815	31826	30490	31044	2.24	cps
Strontium	86-1	1358	1558	1492	1470	6.93	cps
Strontium	88-1	242	192	158	197	21.27	cps
Sulfur	34-1	509289	505256	508322	507622	0.41	cps
Terbium	159-1	12545589	12463440	12779344	12596125	1.30	cps
Terbium	159-2	6489524	6903530	6662563	6685206	3.11	cps
Thallium	203-1	175	192	117	161	24.44	cps
Thallium	205-1	483	450	267	400	29.17	cps
Thorium	232-1	694	739	750	728	4.04	cps
Tin	118-1	1083	892	992	989	9.69	cps
Titanium	47-1	167	142	100	136	24.74	cps
Uranium	238-1	142	75	58	92	48.11	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:09:49	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	13	17	17	20.01	cps
Yttrium	89-1	12491717	12124417	12220631	12278922	1.55	cps
Yttrium	89-2	2268173	2394633	2370128	2344311	2.86	cps
Zinc	66-2	597	647	780	674	14.05	cps
Zirconium	90-1	742	692	833	756	9.51	cps
Zirconium	91-1	200	167	158	175	12.60	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:13:19	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3075	2950	2759	2928	5.45	cps
Antimony	121-1	16627	15984	16502	16371	2.08	cps
Arsenic	75-2	356	426	393	391	8.99	cps
Barium	135-1	21116	20691	20607	20805	1.31	cps
Barium	137-1	35178	35855	35688	35574	0.99	cps
Beryllium	9-1	1489	1517	1583	1530	3.17	cps
Bismuth	209-1	8750326	8684080	8565051	8666486	1.08	cps
Bismuth	209-2	4917198	4929969	4888984	4912050	0.43	cps
Boron	10-1	5843	5643	6085	5857	3.78	cps
Boron	11-1	28728	28903	28636	28756	0.47	cps
Bromine	81-1	23161	23386	24045	23531	1.95	cps
Bromine	81-2	80	80	60	73	15.75	cps
Cadmium	111-1	6480	6440	6382	6434	0.76	cps
Cadmium	106-1	5751	5693	5760	5735	0.63	cps
Cadmium	108-1	233	196	208	213	8.99	cps
Calcium	43-1	13298	12873	13857	13342	3.70	cps
Calcium	44-1	226960	228143	225555	226886	0.57	cps
Chromium	52-2	8306	8099	7279	7894	6.88	cps
Cobalt	59-2	5274	5264	5058	5199	2.35	cps
Copper	63-2	12452	11788	11281	11840	4.96	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	58	50	100	69	38.58	cps
Erbium	164-2	33	20	30	28	24.98	cps
Gadolinium	160-1	67	117	67	83	34.64	cps
Gadolinium	160-2	153	187	203	181	14.06	cps
Holmium	165-1	12706938	12618314	12495396	12606883	0.84	cps
Holmium	165-2	6970841	6995915	6973648	6980135	0.20	cps
Indium	115-1	9248448	9223915	9175172	9215845	0.40	cps
Indium	115-2	2395254	2364590	2374657	2378167	0.66	cps
Iron	54-2	10304	9833	9653	9930	3.39	cps
Iron	56-2	170026	163099	154143	162423	4.90	cps
Iron	57-2	4345	4095	4240	4227	2.97	cps
Krypton	83-1	853	803	893	850	5.30	cps
Lead	206-1	7758	7786	7408	7650	2.75	cps
Lead	207-1	6279	6641	6630	6517	3.15	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:13:19	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	27297	27594	27227	27373	0.71	cps
Lithium	6-1	1993882	1968762	1984366	1982337	0.64	cps
Magnesium	24-2	138593	135061	124915	132857	5.34	cps
Manganese	55-2	2534	2457	2287	2426	5.21	cps
Molybdenum	94-1	18537	18062	17570	18056	2.68	cps
Molybdenum	95-1	21266	21266	21467	21333	0.54	cps
Molybdenum	96-1	23954	23612	23779	23781	0.72	cps
Molybdenum	97-1	13832	13724	13532	13696	1.11	cps
Molybdenum	98-1	34275	34977	35144	34799	1.32	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1500	1643	1367	1503	9.20	cps
Phosphorus	31-2	192	142	258	197	29.68	cps
Potassium	39-2	219483	220069	213530	217694	1.66	cps
Rhodium	103-1	8444592	8681477	8742963	8623011	1.83	cps
Rhodium	103-2	4810729	4800956	4804918	4805535	0.10	cps
Scandium	45-1	6024061	6140851	6014483	6059799	1.16	cps
Scandium	45-2	407463	404245	406872	406193	0.42	cps
Selenium	82-1	792	802	731	775	4.92	cps
Selenium	77-2	70	40	73	61	30.04	cps
Selenium	78-2	376	281	322	327	14.51	cps
Silicon	28-1	778344	775588	777545	777159	0.18	cps
Silver	109-1	10296	10062	10145	10168	1.16	cps
Silver	107-1	10304	10654	10671	10543	1.97	cps
Sodium	23-2	274248	267912	257976	266712	3.08	cps
Strontium	86-1	4301	4042	4009	4117	3.88	cps
Strontium	88-1	24605	24797	24296	24566	1.03	cps
Sulfur	34-1	518072	513474	513322	514956	0.52	cps
Terbium	159-1	13022751	12972165	12461750	12818889	2.42	cps
Terbium	159-2	7063721	6825375	7053343	6980813	1.93	cps
Thallium	203-1	8228	7994	8328	8183	2.09	cps
Thallium	205-1	20107	19790	19765	19888	0.96	cps
Thorium	232-1	1045	1083	878	1002	10.90	cps
Tin	118-1	34134	33682	34208	34008	0.84	cps
Titanium	47-1	6235	6277	5826	6113	4.07	cps
Uranium	238-1	26486	26361	25844	26230	1.30	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:13:19	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	14551	14230	13216	13999	4.98	cps
Yttrium	89-1	12612726	12711468	12671349	12665181	0.39	cps
Yttrium	89-2	2463414	2444423	2441421	2449753	0.49	cps
Zinc	66-2	2094	1787	1970	1950	7.91	cps
Zirconium	90-1	15434	15617	15792	15614	1.15	cps
Zirconium	91-1	3109	3634	3451	3398	7.84	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : PB132718BL Instrumnet Name : P7
 Client Sample ID : PB132718BL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:16:49 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	100	100	128	37.66	cps
Antimony	121-1	167	108	192	156	27.49	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	42	33	50	42	20.00	cps
Barium	137-1	58	50	67	58	14.29	cps
Beryllium	9-1	56	39	50	48	17.63	cps
Bismuth	209-1	8610306	8765154	8738147	8704536	0.95	cps
Bismuth	209-2	4934461	4927700	4960070	4940744	0.35	cps
Boron	10-1	2042	1825	1975	1947	5.70	cps
Boron	11-1	8494	9311	9036	8947	4.65	cps
Bromine	81-1	23979	23411	23470	23620	1.32	cps
Bromine	81-2	50	80	30	53	47.19	cps
Cadmium	111-1	3797	3824	3928	3849	1.80	cps
Cadmium	106-1	5434	5451	5593	5493	1.59	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	200	283	233	239	17.56	cps
Calcium	44-1	16843	16952	16618	16804	1.01	cps
Chromium	52-2	1160	1260	1410	1277	9.86	cps
Cobalt	59-2	30	33	53	39	32.45	cps
Copper	63-2	2674	2494	2694	2620	4.20	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	20	3	7	10	88.20	cps
Erbium	164-1	42	42	58	47	20.37	cps
Erbium	164-2	40	60	27	42	39.73	cps
Gadolinium	160-1	158	83	75	106	43.48	cps
Gadolinium	160-2	160	207	180	182	12.85	cps
Holmium	165-1	12493318	12711684	12809344	12671449	1.28	cps
Holmium	165-2	6885189	6912330	7146552	6981357	2.06	cps
Indium	115-1	9140646	9303215	9143929	9195930	1.01	cps
Indium	115-2	2382003	2398739	2401368	2394037	0.44	cps
Iron	54-2	1422	1211	1572	1402	12.92	cps
Iron	56-2	9047	9409	9537	9331	2.72	cps
Iron	57-2	494	394	483	457	11.98	cps
Krypton	83-1	827	940	810	859	8.24	cps
Lead	206-1	350	239	194	261	30.69	cps
Lead	207-1	200	244	267	237	14.32	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BL	Instrumnet Name :	P7
Client Sample ID :	PB132718BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:16:49	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1050	978	906	978	7.39	cps
Lithium	6-1	1979618	1960832	1970427	1970292	0.48	cps
Magnesium	24-2	292	350	292	311	10.82	cps
Manganese	55-2	90	83	63	79	17.59	cps
Molybdenum	94-1	400	208	308	306	31.37	cps
Molybdenum	95-1	58	50	75	61	20.83	cps
Molybdenum	96-1	142	108	108	119	16.11	cps
Molybdenum	97-1	17	42	58	39	53.92	cps
Molybdenum	98-1	208	125	75	136	49.49	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	93	90	160	114	34.50	cps
Phosphorus	31-2	150	183	308	214	39.02	cps
Potassium	39-2	72886	73540	73196	73207	0.45	cps
Rhodium	103-1	8521060	8696134	8612963	8610053	1.02	cps
Rhodium	103-2	4799345	4859972	4838834	4832717	0.64	cps
Scandium	45-1	5975114	6048004	5972178	5998432	0.72	cps
Scandium	45-2	411036	411291	413629	411985	0.35	cps
Selenium	82-1	77	-44	84	39	183.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	156	152	185	164	11.13	cps
Silicon	28-1	740011	738703	729106	735940	0.81	cps
Silver	109-1	442	258	375	358	25.90	cps
Silver	107-1	458	467	483	469	2.71	cps
Sodium	23-2	30031	29421	28870	29440	1.97	cps
Strontium	86-1	1450	1350	1358	1386	4.00	cps
Strontium	88-1	183	192	242	206	15.35	cps
Sulfur	34-1	517831	518402	518316	518183	0.06	cps
Terbium	159-1	12790122	12747593	12724253	12753989	0.26	cps
Terbium	159-2	7042549	7119960	6936634	7033048	1.31	cps
Thallium	203-1	92	200	117	136	41.68	cps
Thallium	205-1	342	308	292	314	8.11	cps
Thorium	232-1	511	472	494	493	3.96	cps
Tin	118-1	867	833	925	875	5.30	cps
Titanium	47-1	175	150	175	167	8.66	cps
Uranium	238-1	25	8	50	28	75.51	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BL	Instrumnet Name :	P7
Client Sample ID :	PB132718BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:16:49	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	12681994	12454109	12497602	12544568	0.96	cps
Yttrium	89-2	2447501	2454503	2475305	2459103	0.59	cps
Zinc	66-2	720	640	673	678	5.93	cps
Zirconium	90-1	583	750	642	658	12.85	cps
Zirconium	91-1	100	108	100	103	4.68	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BSRE	Instrumnet Name :	P7
Client Sample ID :	PB132718BSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:20:19	DataFile Name :	020LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1275032	1277329	1268542	1273634	0.36	cps
Antimony	121-1	4267067	4274450	4226473	4255996	0.61	cps
Arsenic	75-2	197891	198760	195737	197463	0.79	cps
Barium	135-1	5363491	5329809	5255594	5316298	1.04	cps
Barium	137-1	9433692	9461256	9326142	9407030	0.76	cps
Beryllium	9-1	751780	731934	726123	736612	1.83	cps
Bismuth	209-1	5533850	7908764	8354073	7265562	20.87	cps
Bismuth	209-2	4796929	4812381	4734445	4781252	0.86	cps
Boron	10-1	85524	86111	86840	86158	0.77	cps
Boron	11-1	423580	427434	426704	425906	0.48	cps
Bromine	81-1	22326	23745	22176	22749	3.81	cps
Bromine	81-2	170	80	80	110	47.24	cps
Cadmium	111-1	1135968	1113609	1108372	1119316	1.31	cps
Cadmium	106-1	128872	127510	125854	127412	1.19	cps
Cadmium	108-1	86159	85556	84537	85417	0.96	cps
Calcium	43-1	1363009	1349189	1333342	1348513	1.10	cps
Calcium	44-1	20282915	20082034	20076154	20147034	0.58	cps
Chromium	52-2	1751946	1746458	1722514	1740306	0.90	cps
Cobalt	59-2	2673890	2668005	2669135	2670343	0.12	cps
Copper	63-2	18151591	17976828	17743556	17957325	1.14	cps
Dysprosium	156-1	250	225	158	211	22.45	cps
Dysprosium	156-2	130	150	157	146	9.54	cps
Erbium	164-1	92	83	83	86	5.58	cps
Erbium	164-2	37	37	33	36	5.42	cps
Gadolinium	160-1	217	183	258	219	17.12	cps
Gadolinium	160-2	207	257	280	248	15.12	cps
Holmium	165-1	9124454	11897123	12561830	11194469	16.29	cps
Holmium	165-2	6907840	7141762	7025963	7025188	1.66	cps
Indium	115-1	6531225	8570097	8980157	8027160	16.34	cps
Indium	115-2	2332755	2327455	2313880	2324697	0.42	cps
Iron	54-2	4104357	4139780	4074234	4106124	0.80	cps
Iron	56-2	70400577	70882703	69189875	70157718	1.24	cps
Iron	57-2	1841805	1831943	1824097	1832615	0.48	cps
Krypton	83-1	887	1017	1010	971	7.54	cps
Lead	206-1	19968555	19608441	19518576	19698524	1.21	cps
Lead	207-1	17912707	17583662	17799881	17765417	0.94	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BSRE	Instrumnet Name :	P7
Client Sample ID :	PB132718BSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:20:19	DataFile Name :	020LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	71406259	69924061	70128808	70486376	1.14	cps
Lithium	6-1	1481126	1838162	1901310	1740199	13.02	cps
Magnesium	24-2	13182264	12975826	12658776	12938955	2.04	cps
Manganese	55-2	10852240	10968271	10727465	10849325	1.11	cps
Molybdenum	94-1	8709775	8693104	8537498	8646792	1.10	cps
Molybdenum	95-1	10717002	10458461	10426145	10533869	1.51	cps
Molybdenum	96-1	11915852	11645973	11518881	11693568	1.73	cps
Molybdenum	97-1	6771640	6626960	6582290	6660296	1.49	cps
Molybdenum	98-1	17258956	16986125	16768211	17004431	1.45	cps
Neodymium	150-1	453	493	380	442	13.00	cps
Neodymium	150-2	60	53	57	57	5.89	cps
Nickel	60-2	694812	696583	692799	694731	0.27	cps
Phosphorus	31-2	79302	77945	80659	79302	1.71	cps
Potassium	39-2	7021670	7145278	7093117	7086689	0.88	cps
Rhodium	103-1	6009643	7876614	8189434	7358564	16.02	cps
Rhodium	103-2	4597526	4688358	4600735	4628873	1.11	cps
Scandium	45-1	4262508	5608427	5925420	5265452	16.77	cps
Scandium	45-2	405895	407218	401647	404920	0.72	cps
Selenium	82-1	76300	76162	76217	76227	0.09	cps
Selenium	77-2	5308	4948	5061	5105	3.61	cps
Selenium	78-2	16574	17101	16762	16812	1.59	cps
Silicon	28-1	4101850	4112793	4143584	4119409	0.53	cps
Silver	109-1	4992053	4949000	4957639	4966231	0.46	cps
Silver	107-1	5269337	5144095	5159945	5191126	1.31	cps
Sodium	23-2	22444759	22275315	21750857	22156977	1.63	cps
Strontium	86-1	1444842	1447936	1408167	1433648	1.54	cps
Strontium	88-1	12269808	12268206	12146464	12228159	0.58	cps
Sulfur	34-1	917074	903847	906547	909156	0.77	cps
Terbium	159-1	9222149	12104912	12906971	11411344	16.98	cps
Terbium	159-2	7027040	6932160	6901718	6953639	0.94	cps
Thallium	203-1	4251803	4215488	4205424	4224238	0.58	cps
Thallium	205-1	10974115	10760083	10821653	10851950	1.02	cps
Thorium	232-1	17503018	17177381	16973463	17217954	1.55	cps
Tin	118-1	3460108	3404279	3372138	3412175	1.30	cps
Titanium	47-1	3073010	3002088	3022689	3032596	1.20	cps
Uranium	238-1	16282412	15713822	15829030	15941755	1.89	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BSRE	Instrumnet Name :	P7
Client Sample ID :	PB132718BSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:20:19	DataFile Name :	020LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1481499	1492317	1469752	1481189	0.76	cps
Yttrium	89-1	8961926	11698086	12396317	11018777	16.47	cps
Yttrium	89-2	2436000	2419913	2417581	2424498	0.41	cps
Zinc	66-2	2869569	2895694	2838124	2867796	1.01	cps
Zirconium	90-1	7386171	7219825	7217805	7274600	1.33	cps
Zirconium	91-1	1689835	1659062	1639165	1662687	1.54	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : PB132718BS Instrumnet Name : P7
 Client Sample ID : PB132718BS Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:24:37 DataFile Name : 021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1261443	1266286	1237833	1255187	1.21	cps
Antimony	121-1	4246938	4215112	4180496	4214182	0.79	cps
Arsenic	75-2	196989	195619	193718	195442	0.84	cps
Barium	135-1	5282851	5254432	5216123	5251135	0.64	cps
Barium	137-1	9432643	9223455	9339550	9331883	1.12	cps
Beryllium	9-1	716195	711620	716624	714813	0.39	cps
Bismuth	209-1	8389663	8397454	8212742	8333286	1.25	cps
Bismuth	209-2	4739703	4803077	4724508	4755762	0.88	cps
Boron	10-1	87904	88030	89161	88365	0.78	cps
Boron	11-1	429855	429369	434378	431201	0.64	cps
Bromine	81-1	22702	22385	23261	22782	1.95	cps
Bromine	81-2	40	110	50	67	56.79	cps
Cadmium	111-1	1106532	1103949	1119513	1109998	0.75	cps
Cadmium	106-1	126695	127905	128782	127794	0.82	cps
Cadmium	108-1	84277	84792	84420	84496	0.31	cps
Calcium	43-1	1314903	1320602	1327349	1320951	0.47	cps
Calcium	44-1	19853217	19757659	19717030	19775968	0.35	cps
Chromium	52-2	1730546	1717195	1708719	1718820	0.64	cps
Cobalt	59-2	2630991	2635021	2622339	2629450	0.25	cps
Copper	63-2	17657377	17604617	17605471	17622488	0.17	cps
Dysprosium	156-1	217	200	208	208	4.00	cps
Dysprosium	156-2	200	157	173	177	12.37	cps
Erbium	164-1	108	75	83	89	19.52	cps
Erbium	164-2	53	57	50	53	6.25	cps
Gadolinium	160-1	208	242	200	217	10.18	cps
Gadolinium	160-2	257	263	277	266	3.83	cps
Holmium	165-1	12523018	12441848	12447034	12470633	0.36	cps
Holmium	165-2	7004829	6946599	6939785	6963738	0.51	cps
Indium	115-1	8992273	9036342	8983127	9003914	0.32	cps
Indium	115-2	2293874	2303515	2284464	2293951	0.42	cps
Iron	54-2	4097659	4054343	4019511	4057171	0.96	cps
Iron	56-2	68741210	68860847	68971343	68857800	0.17	cps
Iron	57-2	1800697	1808795	1795457	1801650	0.37	cps
Krypton	83-1	830	803	847	827	2.64	cps
Lead	206-1	19423226	19449855	19772873	19548651	1.00	cps
Lead	207-1	17482877	17268057	17512981	17421305	0.77	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BS	Instrumnet Name :	P7
Client Sample ID :	PB132718BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:24:37	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	69976889	69587923	70215664	69926825	0.45	cps
Lithium	6-1	1907772	1906708	1901443	1905308	0.18	cps
Magnesium	24-2	12888679	12909684	12743283	12847216	0.71	cps
Manganese	55-2	10735002	10817046	10547869	10699972	1.29	cps
Molybdenum	94-1	8661980	8532215	8696721	8630305	1.00	cps
Molybdenum	95-1	10454764	10448162	10581945	10494957	0.72	cps
Molybdenum	96-1	11552015	11536806	11648834	11579218	0.52	cps
Molybdenum	97-1	6610065	6520381	6630386	6586944	0.89	cps
Molybdenum	98-1	16913731	16757626	17033208	16901522	0.82	cps
Neodymium	150-1	487	553	360	467	21.05	cps
Neodymium	150-2	43	93	83	73	36.08	cps
Nickel	60-2	685691	689862	680272	685275	0.70	cps
Phosphorus	31-2	77551	78037	77166	77585	0.56	cps
Potassium	39-2	7102292	7062683	6960364	7041780	1.04	cps
Rhodium	103-1	8241048	8325164	8255465	8273892	0.54	cps
Rhodium	103-2	4540998	4553766	4572266	4555677	0.35	cps
Scandium	45-1	5891995	5971095	5892304	5918465	0.77	cps
Scandium	45-2	400905	403932	397863	400900	0.76	cps
Selenium	82-1	76307	75595	76008	75970	0.47	cps
Selenium	77-2	4838	4914	5038	4930	2.05	cps
Selenium	78-2	17003	17271	16420	16898	2.57	cps
Silicon	28-1	4398201	4386456	4440183	4408280	0.64	cps
Silver	109-1	4906175	4950639	5023059	4959957	1.19	cps
Silver	107-1	5150794	5115431	5182487	5149571	0.65	cps
Sodium	23-2	21975556	22062797	21791321	21943224	0.63	cps
Strontium	86-1	1391097	1400694	1412267	1401353	0.76	cps
Strontium	88-1	12078679	11948032	12133941	12053551	0.79	cps
Sulfur	34-1	880034	873779	883451	879088	0.56	cps
Terbium	159-1	12852631	12614726	12891199	12786185	1.17	cps
Terbium	159-2	6880882	6953000	6835863	6889915	0.86	cps
Thallium	203-1	4224355	4179383	4219004	4207580	0.58	cps
Thallium	205-1	10711585	10748320	10758754	10739553	0.23	cps
Thorium	232-1	17118757	16742935	16780126	16880606	1.23	cps
Tin	118-1	3402002	3434916	3384595	3407171	0.75	cps
Titanium	47-1	2949828	2958092	2969023	2958981	0.33	cps
Uranium	238-1	15652168	15794751	15416811	15621243	1.22	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	PB132718BS	Instrumnet Name :	P7
Client Sample ID :	PB132718BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:24:37	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1469037	1456370	1455348	1460252	0.52	cps
Yttrium	89-1	12451125	12414527	12440920	12435524	0.15	cps
Yttrium	89-2	2382134	2413141	2386326	2393867	0.70	cps
Zinc	66-2	2845203	2849473	2821464	2838713	0.53	cps
Zirconium	90-1	7102737	7098398	7193323	7131486	0.75	cps
Zirconium	91-1	1638230	1614972	1650132	1634445	1.09	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-01 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC1-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:27:56 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1976101	1938843	1961801	1958915	0.96	cps
Antimony	121-1	2217	2192	1975	2128	6.25	cps
Arsenic	75-2	4966	4801	4514	4760	4.81	cps
Barium	135-1	388813	394168	375151	386044	2.54	cps
Barium	137-1	675975	680441	665062	673826	1.17	cps
Beryllium	9-1	2384	2611	2489	2495	4.57	cps
Bismuth	209-1	9279801	9307083	9199360	9262081	0.60	cps
Bismuth	209-2	5200330	5175575	5155073	5176993	0.44	cps
Boron	10-1	6418	6226	6977	6540	5.96	cps
Boron	11-1	33053	32895	32318	32756	1.18	cps
Bromine	81-1	25640	26124	26333	26032	1.37	cps
Bromine	81-2	631	731	581	647	11.81	cps
Cadmium	111-1	7744	7902	7686	7777	1.44	cps
Cadmium	106-1	7636	7961	7427	7675	3.50	cps
Cadmium	108-1	746	738	663	715	6.42	cps
Calcium	43-1	5343694	5304465	5248385	5298848	0.90	cps
Calcium	44-1	84256927	85670502	83558691	84495373	1.27	cps
Chromium	52-2	91488	90532	91622	91214	0.65	cps
Cobalt	59-2	58984	57271	57475	57910	1.62	cps
Copper	63-2	79581	78325	79062	78989	0.80	cps
Dysprosium	156-1	88039	88660	87637	88112	0.58	cps
Dysprosium	156-2	45789	46615	46381	46262	0.92	cps
Erbium	164-1	63196	62359	62527	62694	0.71	cps
Erbium	164-2	34410	34233	33725	34123	1.04	cps
Gadolinium	160-1	75634	75935	75189	75586	0.50	cps
Gadolinium	160-2	43740	44234	44097	44024	0.58	cps
Holmium	165-1	13997827	14050956	13564601	13871128	1.92	cps
Holmium	165-2	7715236	7706225	7689873	7703778	0.17	cps
Indium	115-1	10250273	10142989	10194897	10196053	0.53	cps
Indium	115-2	2578247	2558222	2572250	2569573	0.40	cps
Iron	54-2	4480170	4428523	4388105	4432266	1.04	cps
Iron	56-2	76650857	76209099	75830579	76230179	0.54	cps
Iron	57-2	2044785	2019699	2016880	2027121	0.76	cps
Krypton	83-1	820	923	933	892	7.03	cps
Lead	206-1	234123	231489	230780	232131	0.76	cps
Lead	207-1	187279	184113	182806	184733	1.25	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-01 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC1-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:27:56 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	799756	785132	785861	790250	1.04	cps
Lithium	6-1	2140132	2125505	2111803	2125813	0.67	cps
Magnesium	24-2	732554	723572	722312	726146	0.77	cps
Manganese	55-2	1182420	1168942	1171467	1174277	0.61	cps
Molybdenum	94-1	147950	147705	143639	146431	1.65	cps
Molybdenum	95-1	6493	6235	6543	6424	2.58	cps
Molybdenum	96-1	32195	30575	30976	31249	2.70	cps
Molybdenum	97-1	4184	4259	4401	4281	2.57	cps
Molybdenum	98-1	9979	10579	10229	10262	2.94	cps
Neodymium	150-1	150718	149627	144574	148307	2.21	cps
Neodymium	150-2	67410	67243	66519	67057	0.71	cps
Nickel	60-2	31347	30231	29930	30503	2.45	cps
Phosphorus	31-2	5126	5209	5101	5145	1.10	cps
Potassium	39-2	1092427	1083897	1093245	1089856	0.48	cps
Rhodium	103-1	9399857	9264444	9228740	9297680	0.97	cps
Rhodium	103-2	5087416	5049790	5083725	5073644	0.41	cps
Scandium	45-1	6661052	6604754	6543929	6603245	0.89	cps
Scandium	45-2	452496	451264	449670	451144	0.31	cps
Selenium	82-1	305	210	123	213	42.62	cps
Selenium	77-2	233	250	283	256	9.96	cps
Selenium	78-2	313	322	294	310	4.56	cps
Silicon	28-1	6906826	7161159	7218730	7095572	2.34	cps
Silver	109-1	3442	3059	3392	3298	6.32	cps
Silver	107-1	3667	3651	3609	3642	0.82	cps
Sodium	23-2	165906	163597	166082	165195	0.84	cps
Strontium	86-1	199484	202046	195187	198905	1.74	cps
Strontium	88-1	1724020	1718199	1711632	1717950	0.36	cps
Sulfur	34-1	490737	504346	498810	497965	1.37	cps
Terbium	159-1	14457257	14298329	14184465	14313350	0.96	cps
Terbium	159-2	7533418	7621523	7651387	7602109	0.81	cps
Thallium	203-1	8736	8836	8253	8609	3.63	cps
Thallium	205-1	20850	20800	20374	20675	1.26	cps
Thorium	232-1	408349	403367	399063	403593	1.15	cps
Tin	118-1	9387	9053	9153	9198	1.86	cps
Titanium	47-1	28521	26975	30104	28533	5.48	cps
Uranium	238-1	50429	47983	49564	49326	2.51	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-01	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:27:56	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	132390	130477	130753	131206	0.79	cps
Yttrium	89-1	14487326	14785539	14431671	14568179	1.31	cps
Yttrium	89-2	2839577	2821441	2836786	2832601	0.34	cps
Zinc	66-2	60739	58741	57375	58952	2.87	cps
Zirconium	90-1	392182	388952	390265	390466	0.42	cps
Zirconium	91-1	89218	86719	88740	88226	1.50	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-02	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:31:24	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3298480	3264328	3149033	3237280	2.42	cps
Antimony	121-1	1292	1142	1558	1331	15.86	cps
Arsenic	75-2	7224	7270	7185	7227	0.59	cps
Barium	135-1	664332	663269	650502	659368	1.17	cps
Barium	137-1	1146285	1148152	1131262	1141900	0.81	cps
Beryllium	9-1	3767	3717	3928	3804	2.90	cps
Bismuth	209-1	8507509	8389862	8626652	8508008	1.39	cps
Bismuth	209-2	4757687	4748392	4785720	4763933	0.41	cps
Boron	10-1	5443	5034	4843	5107	6.00	cps
Boron	11-1	24896	25113	24011	24673	2.37	cps
Bromine	81-1	29347	30725	30316	30129	2.35	cps
Bromine	81-2	1432	1351	1392	1392	2.88	cps
Cadmium	111-1	10962	10672	10727	10787	1.43	cps
Cadmium	106-1	9228	9145	9020	9131	1.15	cps
Cadmium	108-1	1046	1079	1042	1056	1.95	cps
Calcium	43-1	20697526	20021131	20193290	20303982	1.73	cps
Calcium	44-1	328024324	327326307	318612899	324654510	1.62	cps
Chromium	52-2	163622	162167	157754	161181	1.90	cps
Cobalt	59-2	90597	89366	87462	89142	1.77	cps
Copper	63-2	117698	115387	114752	115946	1.34	cps
Dysprosium	156-1	147307	146078	145499	146295	0.63	cps
Dysprosium	156-2	77678	77339	76427	77148	0.84	cps
Erbium	164-1	115359	116031	114241	115210	0.78	cps
Erbium	164-2	62174	60580	59094	60616	2.54	cps
Gadolinium	160-1	130592	129002	127515	129036	1.19	cps
Gadolinium	160-2	76357	75295	72795	74816	2.44	cps
Holmium	165-1	13373438	13463015	13321568	13386007	0.53	cps
Holmium	165-2	7562615	7235816	7395523	7397984	2.21	cps
Indium	115-1	9627076	9661493	9487532	9592034	0.96	cps
Indium	115-2	2452150	2451809	2430723	2444894	0.50	cps
Iron	54-2	5140360	5068837	4945471	5051556	1.95	cps
Iron	56-2	89065033	87675521	86233941	87658165	1.61	cps
Iron	57-2	2424695	2406597	2322970	2384754	2.28	cps
Krypton	83-1	1113	1137	1010	1087	6.20	cps
Lead	206-1	392374	389861	379825	387353	1.71	cps
Lead	207-1	318077	314853	298315	310415	3.42	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-02 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC1-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:31:24 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1351547	1324079	1314152	1329926	1.46	cps
Lithium	6-1	2067098	2046361	2054817	2056092	0.51	cps
Magnesium	24-2	1581676	1573275	1522797	1559249	2.04	cps
Manganese	55-2	2137501	2123381	2078788	2113223	1.45	cps
Molybdenum	94-1	208847	207487	204165	206833	1.16	cps
Molybdenum	95-1	4076	3784	4042	3967	4.03	cps
Molybdenum	96-1	39848	39597	38260	39235	2.18	cps
Molybdenum	97-1	2450	2700	2417	2523	6.14	cps
Molybdenum	98-1	6110	6051	6468	6210	3.64	cps
Neodymium	150-1	235526	233129	233248	233968	0.58	cps
Neodymium	150-2	105177	104807	100445	103476	2.54	cps
Nickel	60-2	45112	45153	44724	44996	0.53	cps
Phosphorus	31-2	21040	21416	21382	21280	0.98	cps
Potassium	39-2	1780224	1770385	1750960	1767190	0.84	cps
Rhodium	103-1	8620420	8585102	8543696	8583072	0.45	cps
Rhodium	103-2	4725076	4751230	4701820	4726042	0.52	cps
Scandium	45-1	6578859	6646229	6436092	6553727	1.64	cps
Scandium	45-2	446133	446468	444228	445610	0.27	cps
Selenium	82-1	362	239	401	334	25.39	cps
Selenium	77-2	433	413	443	430	3.55	cps
Selenium	78-2	409	426	419	418	2.00	cps
Silicon	28-1	10950919	11128161	10647419	10908833	2.23	cps
Silver	109-1	3492	3117	3000	3203	8.02	cps
Silver	107-1	4226	4167	4176	4190	0.75	cps
Sodium	23-2	262340	260688	256708	259912	1.11	cps
Strontium	86-1	745632	728275	719995	731301	1.79	cps
Strontium	88-1	6406454	6349984	6315710	6357383	0.72	cps
Sulfur	34-1	541372	549951	556823	549382	1.41	cps
Terbium	159-1	13535137	13482411	13491913	13503154	0.21	cps
Terbium	159-2	7256303	7356069	7304958	7305776	0.68	cps
Thallium	203-1	8378	8520	8461	8453	0.84	cps
Thallium	205-1	18939	19114	19248	19100	0.81	cps
Thorium	232-1	536610	522259	533866	530912	1.43	cps
Tin	118-1	7060	6944	6627	6877	3.26	cps
Titanium	47-1	28219	29015	27376	28203	2.91	cps
Uranium	238-1	80547	80784	78441	79924	1.61	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-02	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:31:24	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	210279	203904	201158	205114	2.28	cps
Yttrium	89-1	15176966	14982190	15125925	15095027	0.67	cps
Yttrium	89-2	2903680	2904987	2867714	2892127	0.73	cps
Zinc	66-2	73393	75497	72472	73787	2.10	cps
Zirconium	90-1	565387	560199	562261	562616	0.46	cps
Zirconium	91-1	125831	126303	125849	125994	0.21	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:34:54	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1460939	1464736	1450218	1458631	0.52	cps
Antimony	121-1	1025	1100	1025	1050	4.12	cps
Arsenic	75-2	3882	3775	3751	3802	1.84	cps
Barium	135-1	385554	381664	383697	383639	0.51	cps
Barium	137-1	671001	661020	666135	666052	0.75	cps
Beryllium	9-1	1895	1739	1689	1774	6.04	cps
Bismuth	209-1	8937364	8713570	8719040	8789991	1.45	cps
Bismuth	209-2	4944273	4918552	4919131	4927319	0.30	cps
Boron	10-1	3759	3709	3926	3798	2.99	cps
Boron	11-1	19680	19029	19104	19271	1.85	cps
Bromine	81-1	25673	25006	25415	25365	1.33	cps
Bromine	81-2	691	651	571	637	9.60	cps
Cadmium	111-1	6221	6207	5806	6078	3.88	cps
Cadmium	106-1	7536	7486	6893	7305	4.89	cps
Cadmium	108-1	500	500	475	492	2.94	cps
Calcium	43-1	4055728	4001091	4010257	4022359	0.73	cps
Calcium	44-1	60878356	60642710	60296070	60605712	0.48	cps
Chromium	52-2	71820	72132	72125	72026	0.25	cps
Cobalt	59-2	56348	56123	55575	56015	0.71	cps
Copper	63-2	77383	77973	77708	77688	0.38	cps
Dysprosium	156-1	84433	85574	83335	84448	1.33	cps
Dysprosium	156-2	44976	43769	43014	43920	2.25	cps
Erbium	164-1	54852	55756	56818	55809	1.76	cps
Erbium	164-2	29722	29405	29375	29501	0.65	cps
Gadolinium	160-1	69551	69794	69686	69677	0.18	cps
Gadolinium	160-2	41289	41352	40653	41098	0.94	cps
Holmium	165-1	13404625	13117402	13042199	13188075	1.45	cps
Holmium	165-2	7357847	7307774	7191271	7285630	1.17	cps
Indium	115-1	9498355	9540021	9350619	9462998	1.05	cps
Indium	115-2	2452624	2456319	2447749	2452231	0.18	cps
Iron	54-2	2769561	2746542	2758234	2758112	0.42	cps
Iron	56-2	48592271	47733457	48116002	48147243	0.89	cps
Iron	57-2	1277730	1270387	1264843	1270986	0.51	cps
Krypton	83-1	900	920	910	910	1.10	cps
Lead	206-1	255746	254443	251130	253773	0.94	cps
Lead	207-1	204410	205545	201059	203671	1.15	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:34:54 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	871177	871351	860317	867615	0.73	cps
Lithium	6-1	2064796	2047996	2032038	2048277	0.80	cps
Magnesium	24-2	571311	571771	567139	570074	0.45	cps
Manganese	55-2	1715350	1721336	1700355	1712347	0.63	cps
Molybdenum	94-1	123563	120798	119076	121145	1.87	cps
Molybdenum	95-1	5076	5143	5151	5123	0.80	cps
Molybdenum	96-1	25615	25457	25231	25434	0.76	cps
Molybdenum	97-1	2767	3009	3134	2970	6.28	cps
Molybdenum	98-1	7719	8153	7602	7825	3.71	cps
Neodymium	150-1	147517	149008	147410	147978	0.60	cps
Neodymium	150-2	66318	70746	66599	67888	3.65	cps
Nickel	60-2	25322	26203	25399	25641	1.90	cps
Phosphorus	31-2	4659	4401	4209	4423	5.11	cps
Potassium	39-2	816755	812174	811888	813606	0.34	cps
Rhodium	103-1	8743919	8742755	8633076	8706583	0.73	cps
Rhodium	103-2	4820743	4872994	4861720	4851819	0.57	cps
Scandium	45-1	6381885	6259856	6314663	6318801	0.97	cps
Scandium	45-2	431636	431219	430553	431136	0.13	cps
Selenium	82-1	212	205	163	193	13.79	cps
Selenium	77-2	227	247	273	249	9.41	cps
Selenium	78-2	257	274	339	290	14.84	cps
Silicon	28-1	4185989	4482083	4198457	4288843	3.90	cps
Silver	109-1	2217	2334	2267	2272	2.58	cps
Silver	107-1	2884	2584	2725	2731	5.50	cps
Sodium	23-2	186554	181274	187196	185008	1.76	cps
Strontium	86-1	195850	189797	192465	192704	1.57	cps
Strontium	88-1	1652926	1642973	1646285	1647395	0.31	cps
Sulfur	34-1	548171	546862	550961	548665	0.38	cps
Terbium	159-1	13528922	13342804	13524866	13465531	0.79	cps
Terbium	159-2	7315319	7240165	7258393	7271292	0.54	cps
Thallium	203-1	2867	2817	2900	2862	1.47	cps
Thallium	205-1	6577	6644	6694	6638	0.88	cps
Thorium	232-1	386675	384699	381862	384412	0.63	cps
Tin	118-1	35754	35495	33916	35055	2.84	cps
Titanium	47-1	61045	65427	61137	62536	4.00	cps
Uranium	238-1	46184	45014	46686	45961	1.87	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:34:54	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	130356	128947	128026	129110	0.91	cps
Yttrium	89-1	13892042	13699369	13911132	13834181	0.85	cps
Yttrium	89-2	2668151	2710515	2667162	2681943	0.92	cps
Zinc	66-2	102627	103047	102134	102602	0.45	cps
Zirconium	90-1	325084	323734	323125	323981	0.31	cps
Zirconium	91-1	71671	73457	71093	72073	1.71	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03DUP Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:38:23 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1428591	1444763	1408719	1427358	1.26	cps
Antimony	121-1	567	708	675	650	11.40	cps
Arsenic	75-2	3739	3776	3830	3782	1.21	cps
Barium	135-1	384594	382375	384058	383676	0.30	cps
Barium	137-1	674207	664064	660666	666312	1.06	cps
Beryllium	9-1	1806	1733	1622	1720	5.37	cps
Bismuth	209-1	9045885	9024373	8879723	8983327	1.01	cps
Bismuth	209-2	4989053	4975597	4927555	4964069	0.65	cps
Boron	10-1	3234	3134	2934	3100	4.93	cps
Boron	11-1	15200	14282	14374	14619	3.46	cps
Bromine	81-1	24939	26634	25139	25570	3.62	cps
Bromine	81-2	631	601	561	597	5.89	cps
Cadmium	111-1	6229	6042	5993	6088	2.04	cps
Cadmium	106-1	7719	7661	7260	7547	3.31	cps
Cadmium	108-1	517	558	425	500	13.64	cps
Calcium	43-1	3933520	3897623	3859569	3896904	0.95	cps
Calcium	44-1	58804414	57889803	58147355	58280524	0.81	cps
Chromium	52-2	70879	71422	68558	70286	2.16	cps
Cobalt	59-2	55541	55494	55558	55531	0.06	cps
Copper	63-2	69219	67913	67347	68160	1.41	cps
Dysprosium	156-1	85724	86178	82757	84886	2.19	cps
Dysprosium	156-2	44311	44428	43525	44088	1.11	cps
Erbium	164-1	55881	56115	55020	55672	1.04	cps
Erbium	164-2	29749	30040	28877	29555	2.05	cps
Gadolinium	160-1	70539	70959	68764	70087	1.66	cps
Gadolinium	160-2	41131	41987	40613	41244	1.68	cps
Holmium	165-1	13554460	13422811	13344081	13440450	0.79	cps
Holmium	165-2	7448417	7494257	7227286	7389987	1.93	cps
Indium	115-1	9744614	9523886	9643246	9637249	1.15	cps
Indium	115-2	2467817	2469958	2436716	2458164	0.76	cps
Iron	54-2	2749439	2721071	2670640	2713717	1.47	cps
Iron	56-2	47266577	47614814	45966934	46949442	1.85	cps
Iron	57-2	1255070	1250853	1224239	1243387	1.34	cps
Krypton	83-1	907	1027	1030	988	7.11	cps
Lead	206-1	243078	239150	239228	240485	0.93	cps
Lead	207-1	193798	190892	190612	191767	0.92	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03DUP Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:38:23 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	821768	820786	821165	821240	0.06	cps
Lithium	6-1	2073373	2070334	2061243	2068317	0.31	cps
Magnesium	24-2	552151	554937	542421	549836	1.20	cps
Manganese	55-2	1699063	1715621	1671951	1695545	1.30	cps
Molybdenum	94-1	122706	121344	119041	121031	1.53	cps
Molybdenum	95-1	5209	4576	4492	4759	8.24	cps
Molybdenum	96-1	25198	25181	24764	25048	0.98	cps
Molybdenum	97-1	3200	2575	3109	2962	11.40	cps
Molybdenum	98-1	7694	7360	7335	7463	2.68	cps
Neodymium	150-1	150219	147766	148966	148984	0.82	cps
Neodymium	150-2	67045	67671	65953	66890	1.30	cps
Nickel	60-2	24571	23933	23826	24110	1.67	cps
Phosphorus	31-2	3976	4117	4251	4115	3.34	cps
Potassium	39-2	744082	748756	740283	744374	0.57	cps
Rhodium	103-1	8964056	8851352	8717777	8844395	1.39	cps
Rhodium	103-2	4935129	4913527	4874593	4907750	0.63	cps
Scandium	45-1	6349609	6325663	6210619	6295297	1.18	cps
Scandium	45-2	436235	436856	430661	434584	0.79	cps
Selenium	82-1	121	31	-46	35	236.36	cps
Selenium	77-2	257	200	217	224	12.98	cps
Selenium	78-2	302	285	307	298	3.88	cps
Silicon	28-1	4715401	4802967	8778894	6099088	38.06	cps
Silver	109-1	2325	2325	2192	2281	3.38	cps
Silver	107-1	2775	2592	2850	2739	4.85	cps
Sodium	23-2	88670	87998	88744	88471	0.46	cps
Strontium	86-1	192380	185457	185061	187633	2.19	cps
Strontium	88-1	1639798	1612433	1591689	1614640	1.49	cps
Sulfur	34-1	544785	543939	539853	542859	0.49	cps
Terbium	159-1	13721161	13689334	13295806	13568767	1.75	cps
Terbium	159-2	7268258	7313378	7395560	7325732	0.88	cps
Thallium	203-1	2575	2567	2267	2470	7.11	cps
Thallium	205-1	6210	5977	5726	5971	4.05	cps
Thorium	232-1	408171	404432	399476	404027	1.08	cps
Tin	118-1	33039	31335	32174	32183	2.65	cps
Titanium	47-1	60768	69077	61872	63906	7.06	cps
Uranium	238-1	44420	44713	44303	44479	0.47	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03DUP	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:38:23	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	127303	128345	124439	126696	1.60	cps
Yttrium	89-1	14050139	13930059	13834659	13938286	0.77	cps
Yttrium	89-2	2695191	2712662	2684986	2697613	0.52	cps
Zinc	66-2	49052	49306	48213	48857	1.17	cps
Zirconium	90-1	328077	325773	321615	325155	1.01	cps
Zirconium	91-1	71546	72994	73505	72682	1.40	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03LREX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 11:41:53 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253390	252268	257305	254321	1.04	cps
Antimony	121-1	208	200	250	219	12.21	cps
Arsenic	75-2	667	619	667	651	4.27	cps
Barium	135-1	65655	66509	63754	65306	2.16	cps
Barium	137-1	117223	113385	114847	115151	1.68	cps
Beryllium	9-1	439	339	306	361	19.22	cps
Bismuth	209-1	8745786	8565960	8605438	8639061	1.09	cps
Bismuth	209-2	4838041	4846479	4830331	4838284	0.17	cps
Boron	10-1	2209	2625	2350	2395	8.85	cps
Boron	11-1	11780	12230	11438	11816	3.36	cps
Bromine	81-1	23345	23378	22977	23233	0.96	cps
Bromine	81-2	170	200	170	180	9.62	cps
Cadmium	111-1	4079	4476	4266	4274	4.64	cps
Cadmium	106-1	5626	6168	5826	5874	4.67	cps
Cadmium	108-1	108	96	83	96	13.05	cps
Calcium	43-1	698389	701856	691384	697210	0.77	cps
Calcium	44-1	10417082	10470681	10408887	10432217	0.32	cps
Chromium	52-2	13716	13526	13369	13537	1.28	cps
Cobalt	59-2	9890	9970	9910	9923	0.42	cps
Copper	63-2	13737	14090	13947	13925	1.28	cps
Dysprosium	156-1	15025	14608	14099	14578	3.18	cps
Dysprosium	156-2	7629	7649	7796	7691	1.18	cps
Erbium	164-1	9745	10371	9478	9865	4.64	cps
Erbium	164-2	5264	5121	5111	5165	1.66	cps
Gadolinium	160-1	13023	12381	11872	12425	4.64	cps
Gadolinium	160-2	7345	7455	7255	7352	1.36	cps
Holmium	165-1	13118356	12723046	12660272	12833891	1.94	cps
Holmium	165-2	7225872	7086525	7135411	7149269	0.99	cps
Indium	115-1	9307780	9374180	9166203	9282721	1.14	cps
Indium	115-2	2372100	2397150	2384450	2384567	0.53	cps
Iron	54-2	492569	491214	487694	490493	0.51	cps
Iron	56-2	8422749	8368058	8347241	8379350	0.47	cps
Iron	57-2	219436	220004	222040	220493	0.62	cps
Krypton	83-1	883	810	803	832	5.33	cps
Lead	206-1	42819	42184	41966	42323	1.05	cps
Lead	207-1	33470	33960	33893	33775	0.79	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LREX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 11:41:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	147728	145347	145543	146206	0.90	cps
Lithium	6-1	1992582	2006996	1949187	1982922	1.52	cps
Magnesium	24-2	98053	96878	99402	98111	1.29	cps
Manganese	55-2	299474	297489	298220	298394	0.34	cps
Molybdenum	94-1	21617	21066	22368	21684	3.01	cps
Molybdenum	95-1	908	850	892	883	3.40	cps
Molybdenum	96-1	4509	5975	4226	4903	19.14	cps
Molybdenum	97-1	617	575	467	553	14.01	cps
Molybdenum	98-1	1500	1433	1425	1453	2.83	cps
Neodymium	150-1	26218	25383	26065	25889	1.72	cps
Neodymium	150-2	11912	11492	11728	11711	1.80	cps
Nickel	60-2	4271	4071	4461	4267	4.57	cps
Phosphorus	31-2	792	708	808	769	6.96	cps
Potassium	39-2	191098	192828	190356	191428	0.66	cps
Rhodium	103-1	8696056	8622219	8540313	8619530	0.90	cps
Rhodium	103-2	4768580	4778675	4788156	4778470	0.20	cps
Scandium	45-1	6072629	6071535	5970323	6038163	0.97	cps
Scandium	45-2	416162	411369	416314	414615	0.68	cps
Selenium	82-1	10	63	56	43	66.01	cps
Selenium	77-2	57	50	27	44	35.44	cps
Selenium	78-2	193	207	187	196	5.38	cps
Silicon	28-1	1352370	1350427	1364040	1355612	0.54	cps
Silver	109-1	592	667	467	575	17.57	cps
Silver	107-1	1067	800	900	922	14.61	cps
Sodium	23-2	36587	35317	36361	36088	1.88	cps
Strontium	86-1	34367	34317	33331	34005	1.72	cps
Strontium	88-1	288523	285762	285464	286583	0.59	cps
Sulfur	34-1	542714	545308	553674	547232	1.05	cps
Terbium	159-1	12997326	13012968	12879745	12963346	0.56	cps
Terbium	159-2	7013137	7075478	7114348	7067654	0.72	cps
Thallium	203-1	592	500	592	561	9.43	cps
Thallium	205-1	1333	1033	1275	1214	13.10	cps
Thorium	232-1	70656	71297	70163	70705	0.80	cps
Tin	118-1	6135	5860	5918	5971	2.43	cps
Titanium	47-1	10796	11633	19742	14057	35.15	cps
Uranium	238-1	7794	8111	7678	7861	2.85	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LREX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 11:41:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	22604	22594	22337	22512	0.67	cps
Yttrium	89-1	12860664	12782822	12811122	12818203	0.31	cps
Yttrium	89-2	2465408	2476157	2489078	2476881	0.48	cps
Zinc	66-2	7575	7599	7602	7592	0.19	cps
Zirconium	90-1	58830	57767	58503	58366	0.93	cps
Zirconium	91-1	12122	13532	12914	12856	5.50	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-04	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:45:23	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2339526	2311076	2291957	2314186	1.03	cps
Antimony	121-1	4455276	4397680	4416314	4423090	0.66	cps
Arsenic	75-2	216765	215247	215436	215816	0.38	cps
Barium	135-1	5518249	5427111	5437496	5460952	0.91	cps
Barium	137-1	9895758	9711868	9648242	9751956	1.32	cps
Beryllium	9-1	789190	786806	780864	785620	0.55	cps
Bismuth	209-1	8283952	8381286	8751048	8472095	2.91	cps
Bismuth	209-2	4912123	4833026	4828663	4857937	0.97	cps
Boron	10-1	85130	87091	86639	86287	1.19	cps
Boron	11-1	415215	420285	425680	420394	1.24	cps
Bromine	81-1	23837	25206	24730	24591	2.83	cps
Bromine	81-2	450	491	491	477	4.85	cps
Cadmium	111-1	1187096	1189319	1182076	1186164	0.31	cps
Cadmium	106-1	136905	137586	135627	136706	0.73	cps
Cadmium	108-1	89973	91114	89828	90305	0.78	cps
Calcium	43-1	3101542	3051267	3041480	3064763	1.05	cps
Calcium	44-1	46468638	45941506	45750922	46053689	0.81	cps
Chromium	52-2	1864131	1847692	1831980	1847934	0.87	cps
Cobalt	59-2	2849941	2813274	2797597	2820271	0.95	cps
Copper	63-2	3428236	3415457	3401994	3415229	0.38	cps
Dysprosium	156-1	78432	77619	76933	77661	0.97	cps
Dysprosium	156-2	41700	40279	41081	41020	1.74	cps
Erbium	164-1	50351	47842	48645	48946	2.62	cps
Erbium	164-2	26649	26826	26783	26753	0.34	cps
Gadolinium	160-1	65674	64167	63515	64452	1.72	cps
Gadolinium	160-2	38059	38534	38263	38285	0.62	cps
Holmium	165-1	12749659	12993951	12931252	12891620	0.98	cps
Holmium	165-2	7435558	7173046	7347350	7318651	1.83	cps
Indium	115-1	9128154	8994106	9446154	9189471	2.53	cps
Indium	115-2	2402463	2368544	2356961	2375990	1.00	cps
Iron	54-2	5698990	5716815	5666091	5693965	0.45	cps
Iron	56-2	104337866	103521216	101451077	103103387	1.44	cps
Iron	57-2	2697020	2703281	2670181	2690161	0.65	cps
Krypton	83-1	877	1000	910	929	6.87	cps
Lead	206-1	3915418	3908058	3872190	3898555	0.59	cps
Lead	207-1	3444259	3401969	3372064	3406097	1.06	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-04 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 11:45:23 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	14782895	14668358	14702726	14717993	0.40	cps
Lithium	6-1	1964355	1982708	2006039	1984367	1.05	cps
Magnesium	24-2	12338841	12312633	12093815	12248430	1.10	cps
Manganese	55-2	3790580	3782131	3735882	3769531	0.78	cps
Molybdenum	94-1	9062691	8883982	8755144	8900606	1.74	cps
Molybdenum	95-1	10696356	10592775	10148702	10479278	2.78	cps
Molybdenum	96-1	11714828	11690357	11099135	11501440	3.03	cps
Molybdenum	97-1	6636209	6544830	6310271	6497103	2.59	cps
Molybdenum	98-1	16844135	16600793	16252994	16565974	1.79	cps
Neodymium	150-1	141125	137496	137140	138587	1.59	cps
Neodymium	150-2	63341	62541	61530	62470	1.45	cps
Nickel	60-2	756808	758802	751268	755626	0.52	cps
Phosphorus	31-2	3559	3409	3601	3523	2.86	cps
Potassium	39-2	7296213	7272048	7272739	7280333	0.19	cps
Rhodium	103-1	8227850	8372607	8448404	8349621	1.34	cps
Rhodium	103-2	4818554	4746609	4717090	4760751	1.10	cps
Scandium	45-1	6040868	6068762	6241858	6117163	1.78	cps
Scandium	45-2	420327	416371	415979	417559	0.58	cps
Selenium	82-1	82163	82901	81650	82238	0.76	cps
Selenium	77-2	5468	5715	5198	5460	4.74	cps
Selenium	78-2	18375	18004	17609	17996	2.13	cps
Silicon	28-1	7959249	7856165	7730038	7848484	1.46	cps
Silver	109-1	2628040	2776106	2127813	2510653	13.53	cps
Silver	107-1	2704900	3521427	4955937	3727421	30.57	cps
Sodium	23-2	20637149	20385069	20262318	20428179	0.94	cps
Strontium	86-1	1613455	1611674	1595447	1606859	0.62	cps
Strontium	88-1	14065127	14008097	13840808	13971344	0.83	cps
Sulfur	34-1	527922	527267	519480	524890	0.89	cps
Terbium	159-1	12988783	12977385	13275564	13080577	1.29	cps
Terbium	159-2	7339205	7347891	7241142	7309413	0.81	cps
Thallium	203-1	4449014	4422163	4333659	4401612	1.37	cps
Thallium	205-1	11441017	11261657	11291643	11331439	0.85	cps
Thorium	232-1	396617	397105	400535	398086	0.54	cps
Tin	118-1	3423534	3373487	3324238	3373753	1.47	cps
Titanium	47-1	2964200	2939816	2890210	2931409	1.29	cps
Uranium	238-1	16519106	16148475	16507403	16391661	1.29	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-04	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:45:23	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1665346	1647909	1632952	1648736	0.98	cps
Yttrium	89-1	13142004	13144319	13684909	13323744	2.35	cps
Yttrium	89-2	2623981	2596357	2577585	2599307	0.90	cps
Zinc	66-2	607570	610461	600922	606317	0.81	cps
Zirconium	90-1	8091050	8058540	7981406	8043666	0.70	cps
Zirconium	91-1	1833874	1830984	1778589	1814482	1.71	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:52:36	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5515697	5541094	5466226	5507672	0.69	cps
Antimony	121-1	3965997	3934865	3963783	3954882	0.44	cps
Arsenic	75-2	187514	186711	184283	186169	0.90	cps
Barium	135-1	4951107	4941252	4955911	4949423	0.15	cps
Barium	137-1	8815282	8738202	8782945	8778810	0.44	cps
Beryllium	9-1	694237	696229	684315	691594	0.92	cps
Bismuth	209-1	7721395	7789175	7700278	7736950	0.60	cps
Bismuth	209-2	4347552	4330856	4290651	4323020	0.68	cps
Boron	10-1	83303	85339	84770	84471	1.24	cps
Boron	11-1	414004	410709	413774	412829	0.45	cps
Bromine	81-1	22309	21525	22042	21959	1.82	cps
Bromine	81-2	170	100	120	130	27.74	cps
Cadmium	111-1	1030704	1016041	1016150	1020965	0.83	cps
Cadmium	106-1	121601	119373	119265	120080	1.10	cps
Cadmium	108-1	78728	78666	77690	78361	0.74	cps
Calcium	43-1	5839417	5809153	5786347	5811639	0.46	cps
Calcium	44-1	92903100	92796627	93802258	93167328	0.59	cps
Chromium	52-2	1640742	1630755	1631248	1634248	0.34	cps
Cobalt	59-2	2469210	2441373	2437433	2449339	0.71	cps
Copper	63-2	17250038	17392201	17382635	17341625	0.46	cps
Dysprosium	156-1	408	508	325	414	22.18	cps
Dysprosium	156-2	253	197	343	264	27.97	cps
Erbium	164-1	100	175	142	139	27.06	cps
Erbium	164-2	57	67	57	60	9.62	cps
Gadolinium	160-1	450	492	483	475	4.64	cps
Gadolinium	160-2	370	363	340	358	4.40	cps
Holmium	165-1	12342416	12265115	12257680	12288404	0.38	cps
Holmium	165-2	6959641	6794560	6939164	6897788	1.30	cps
Indium	115-1	8700700	8625417	8762278	8696132	0.79	cps
Indium	115-2	2193784	2190521	2202249	2195518	0.28	cps
Iron	54-2	17103934	16989921	16838171	16977342	0.79	cps
Iron	56-2	317305707	314787318	311488763	314527263	0.93	cps
Iron	57-2	7835395	7740115	7751160	7775557	0.67	cps
Krypton	83-1	873	790	887	850	6.16	cps
Lead	206-1	17990600	17945508	18033347	17989818	0.24	cps
Lead	207-1	16067459	16054443	15682192	15934698	1.37	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:52:36	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	64905068	64403341	63596432	64301614	1.03	cps
Lithium	6-1	1848940	1858995	1862861	1856932	0.39	cps
Magnesium	24-2	61833564	60909791	59906814	60883390	1.58	cps
Manganese	55-2	10355475	10209774	10104593	10223281	1.23	cps
Molybdenum	94-1	8318309	8316616	8255642	8296855	0.43	cps
Molybdenum	95-1	10087234	10039213	9930499	10018982	0.80	cps
Molybdenum	96-1	11195161	11174440	11085170	11151590	0.52	cps
Molybdenum	97-1	6293880	6282934	6306710	6294508	0.19	cps
Molybdenum	98-1	16107215	16155835	15970889	16077980	0.60	cps
Neodymium	150-1	440	413	460	438	5.35	cps
Neodymium	150-2	43	40	47	43	7.70	cps
Nickel	60-2	635988	632582	631160	633243	0.39	cps
Phosphorus	31-2	75583	75574	74544	75234	0.79	cps
Potassium	39-2	33399733	32714585	32176305	32763541	1.87	cps
Rhodium	103-1	7766794	7760361	7869450	7798868	0.78	cps
Rhodium	103-2	4310502	4303645	4298236	4304128	0.14	cps
Scandium	45-1	5793253	5794418	5854307	5813993	0.60	cps
Scandium	45-2	395636	394298	394003	394646	0.22	cps
Selenium	82-1	72371	71335	72089	71932	0.74	cps
Selenium	77-2	5064	4838	4731	4878	3.49	cps
Selenium	78-2	16489	15974	16083	16182	1.68	cps
Silicon	28-1	4271363	4334870	4368700	4324978	1.14	cps
Silver	109-1	4478213	4522118	4464892	4488408	0.67	cps
Silver	107-1	4700423	4707274	4739137	4715611	0.44	cps
Sodium	23-2	103671773	104052398	102986273	103570148	0.52	cps
Strontium	86-1	1350121	1342873	1342559	1345185	0.32	cps
Strontium	88-1	11799262	11476346	11571456	11615688	1.43	cps
Sulfur	34-1	876661	877273	869804	874579	0.47	cps
Terbium	159-1	12487268	12405438	12544782	12479163	0.56	cps
Terbium	159-2	6720610	6766156	6706292	6731019	0.46	cps
Thallium	203-1	3856526	3850438	3874022	3860329	0.32	cps
Thallium	205-1	9969486	9942983	10001490	9971320	0.29	cps
Thorium	232-1	15576408	15354403	15325278	15418697	0.89	cps
Tin	118-1	3228781	3170334	3172324	3190480	1.04	cps
Titanium	47-1	2827127	2826422	2831783	2828444	0.10	cps
Uranium	238-1	14269770	14585733	14844900	14566801	1.98	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:52:36	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1407072	1402936	1393709	1401239	0.49	cps
Yttrium	89-1	12186315	12162775	11989224	12112771	0.89	cps
Yttrium	89-2	2344087	2351579	2332717	2342794	0.41	cps
Zinc	66-2	2933875	2887815	2884699	2902129	0.95	cps
Zirconium	90-1	7073964	6967467	6843378	6961603	1.66	cps
Zirconium	91-1	1590663	1570404	1579451	1580173	0.64	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:58:43	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	258	225	239	7.26	cps
Antimony	121-1	617	617	642	625	2.31	cps
Arsenic	75-2	7	13	17	12	37.75	cps
Barium	135-1	183	125	217	175	26.51	cps
Barium	137-1	250	242	292	261	10.26	cps
Beryllium	9-1	106	100	117	107	7.90	cps
Bismuth	209-1	8421745	8454233	8529913	8468631	0.66	cps
Bismuth	209-2	4669566	4723665	5607522	5000251	10.53	cps
Boron	10-1	4117	3901	4401	4140	6.06	cps
Boron	11-1	20206	20131	19605	19980	1.64	cps
Bromine	81-1	21934	21867	22017	21939	0.34	cps
Bromine	81-2	60	70	40	57	26.96	cps
Cadmium	111-1	3495	3723	3452	3557	4.10	cps
Cadmium	106-1	4993	5309	4909	5070	4.16	cps
Cadmium	108-1	29	21	8	19	53.95	cps
Calcium	43-1	367	408	375	383	5.75	cps
Calcium	44-1	17110	17427	17778	17438	1.91	cps
Chromium	52-2	1247	1363	1323	1311	4.52	cps
Cobalt	59-2	93	80	97	90	9.80	cps
Copper	63-2	3604	3514	3604	3574	1.45	cps
Dysprosium	156-1	42	17	33	31	41.66	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	75	42	75	64	30.12	cps
Erbium	164-2	30	10	57	32	72.66	cps
Gadolinium	160-1	75	108	100	94	18.37	cps
Gadolinium	160-2	160	167	213	180	16.15	cps
Holmium	165-1	12110419	12307930	12225883	12214744	0.81	cps
Holmium	165-2	6902676	6995905	7371405	7089995	3.50	cps
Indium	115-1	8761529	9054391	9195340	9003753	2.46	cps
Indium	115-2	2300118	2329474	2519244	2382945	4.99	cps
Iron	54-2	2022	2012	2112	2049	2.69	cps
Iron	56-2	16687	17716	17055	17153	3.04	cps
Iron	57-2	611	589	667	622	6.44	cps
Krypton	83-1	797	897	823	839	6.17	cps
Lead	206-1	1989	2039	1778	1935	7.16	cps
Lead	207-1	1706	1561	1622	1630	4.45	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:58:43	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	7148	6793	6323	6755	6.13	cps
Lithium	6-1	1885102	1937350	1936873	1919775	1.56	cps
Magnesium	24-2	1767	1692	1917	1792	6.40	cps
Manganese	55-2	357	363	337	352	3.94	cps
Molybdenum	94-1	408	758	542	569	31.02	cps
Molybdenum	95-1	492	342	417	417	18.00	cps
Molybdenum	96-1	567	467	525	519	9.67	cps
Molybdenum	97-1	250	292	250	264	9.12	cps
Molybdenum	98-1	692	708	633	678	5.81	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	130	127	134	7.97	cps
Phosphorus	31-2	142	175	133	150	14.70	cps
Potassium	39-2	75525	73825	75843	75064	1.44	cps
Rhodium	103-1	8356019	8436592	8271659	8354757	0.99	cps
Rhodium	103-2	4729032	4708114	5120588	4852578	4.79	cps
Scandium	45-1	5667590	5902302	5847523	5805805	2.11	cps
Scandium	45-2	396162	401669	434896	410909	5.10	cps
Selenium	82-1	33	-68	69	11	630.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	178	152	146	159	10.59	cps
Silicon	28-1	759561	757838	759444	758948	0.13	cps
Silver	109-1	1108	1225	1167	1167	5.00	cps
Silver	107-1	1167	1300	1100	1189	8.57	cps
Sodium	23-2	35676	35927	35943	35849	0.42	cps
Strontium	86-1	1508	1575	1575	1553	2.48	cps
Strontium	88-1	492	408	483	461	9.95	cps
Sulfur	34-1	510954	521738	519321	517338	1.09	cps
Terbium	159-1	12175720	12714076	12471439	12453745	2.16	cps
Terbium	159-2	6765041	6878043	7408316	7017133	4.89	cps
Thallium	203-1	233	150	142	175	28.97	cps
Thallium	205-1	375	367	358	367	2.27	cps
Thorium	232-1	1606	1656	1533	1598	3.85	cps
Tin	118-1	1275	1275	1033	1195	11.68	cps
Titanium	47-1	175	217	183	192	11.50	cps
Uranium	238-1	292	167	308	256	30.30	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 11:58:43	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	60	30	41	40.00	cps
Yttrium	89-1	12051824	12193716	12491978	12245839	1.83	cps
Yttrium	89-2	2382348	2380018	2585933	2449433	4.83	cps
Zinc	66-2	587	730	707	674	11.40	cps
Zirconium	90-1	842	1042	1033	972	11.64	cps
Zirconium	91-1	175	208	158	181	14.10	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-05 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:02:12 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2310568	2317254	2313230	2313684	0.15	cps
Antimony	121-1	4430845	4389298	4373493	4397879	0.67	cps
Arsenic	75-2	214840	216110	215663	215538	0.30	cps
Barium	135-1	5413047	5442174	5394530	5416584	0.44	cps
Barium	137-1	9678614	9660198	9560405	9633072	0.66	cps
Beryllium	9-1	794132	793592	786649	791458	0.53	cps
Bismuth	209-1	8837852	8702955	8754084	8764964	0.78	cps
Bismuth	209-2	4750813	4821198	4819317	4797109	0.84	cps
Boron	10-1	85843	88734	88307	87628	1.78	cps
Boron	11-1	429556	428466	425462	427828	0.50	cps
Bromine	81-1	23945	24638	23753	24112	1.93	cps
Bromine	81-2	430	471	440	447	4.66	cps
Cadmium	111-1	1191360	1170034	1168952	1176782	1.07	cps
Cadmium	106-1	140170	137796	136629	138198	1.31	cps
Cadmium	108-1	92112	89974	88959	90349	1.78	cps
Calcium	43-1	3086227	3020297	3047546	3051357	1.09	cps
Calcium	44-1	46598266	45829346	45583673	46003761	1.15	cps
Chromium	52-2	1846620	1852634	1850580	1849945	0.17	cps
Cobalt	59-2	2794539	2811783	2809717	2805346	0.34	cps
Copper	63-2	3427186	3427027	3417211	3423808	0.17	cps
Dysprosium	156-1	78935	79346	78742	79008	0.39	cps
Dysprosium	156-2	41285	40720	40035	40680	1.54	cps
Erbium	164-1	49323	49900	49640	49621	0.58	cps
Erbium	164-2	26065	26890	26402	26452	1.57	cps
Gadolinium	160-1	64033	64736	64619	64463	0.58	cps
Gadolinium	160-2	38303	36913	37147	37454	1.99	cps
Holmium	165-1	13362248	13392177	13137457	13297294	1.05	cps
Holmium	165-2	7147920	7329343	7271528	7249597	1.28	cps
Indium	115-1	9608625	9411652	9388874	9469717	1.28	cps
Indium	115-2	2351362	2354671	2376984	2361006	0.59	cps
Iron	54-2	5718907	5803054	5728232	5750064	0.80	cps
Iron	56-2	104201919	103934583	103461661	103866054	0.36	cps
Iron	57-2	2663583	2692782	2684974	2680446	0.56	cps
Krypton	83-1	887	913	1037	946	8.46	cps
Lead	206-1	3887002	3890769	3866595	3881455	0.34	cps
Lead	207-1	3356631	3400225	3304130	3353662	1.43	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-05 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:02:12 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	14743504	14794988	14714031	14750841	0.28	cps
Lithium	6-1	2049098	2023694	2030126	2034306	0.65	cps
Magnesium	24-2	12373597	12422080	12410430	12402036	0.20	cps
Manganese	55-2	3750096	3774705	3769235	3764679	0.34	cps
Molybdenum	94-1	8829868	8781124	8818390	8809794	0.29	cps
Molybdenum	95-1	10450357	10237126	10348455	10345313	1.03	cps
Molybdenum	96-1	11425634	11347420	11494102	11422385	0.64	cps
Molybdenum	97-1	6419302	6435777	6500586	6451888	0.67	cps
Molybdenum	98-1	16403595	16527459	16539307	16490120	0.46	cps
Neodymium	150-1	138128	138264	136293	137562	0.80	cps
Neodymium	150-2	62510	62551	61563	62208	0.90	cps
Nickel	60-2	751187	753659	756790	753878	0.37	cps
Phosphorus	31-2	3442	3567	3726	3578	3.97	cps
Potassium	39-2	7149278	7290644	7319808	7253243	1.26	cps
Rhodium	103-1	8687687	8601416	8673564	8654222	0.53	cps
Rhodium	103-2	4700049	4744709	4791567	4745442	0.96	cps
Scandium	45-1	6308546	6215181	6240622	6254783	0.77	cps
Scandium	45-2	417321	421283	420934	419846	0.52	cps
Selenium	82-1	81676	82150	81294	81707	0.52	cps
Selenium	77-2	5458	5855	5718	5677	3.55	cps
Selenium	78-2	17555	18102	18163	17940	1.87	cps
Silicon	28-1	8204976	9446234	7841880	8497697	9.90	cps
Silver	109-1	2660943	3183569	7799672	4548061	62.18	cps
Silver	107-1	2666465	2860796	2406052	2644438	8.63	cps
Sodium	23-2	20474186	20570471	20864169	20636275	0.98	cps
Strontium	86-1	1622085	1603806	1597430	1607774	0.80	cps
Strontium	88-1	14219250	13864185	13888157	13990531	1.42	cps
Sulfur	34-1	503822	504526	497960	502103	0.72	cps
Terbium	159-1	13657676	13591318	13507761	13585585	0.55	cps
Terbium	159-2	7296026	7146861	7260883	7234590	1.08	cps
Thallium	203-1	4416514	4364108	4408242	4396288	0.64	cps
Thallium	205-1	11526436	11512630	11441946	11493671	0.39	cps
Thorium	232-1	389945	391710	387819	389825	0.50	cps
Tin	118-1	3393544	3352543	3328763	3358284	0.98	cps
Titanium	47-1	2895008	2880833	2905848	2893897	0.43	cps
Uranium	238-1	16060318	15954908	15672477	15895901	1.26	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-05	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:02:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1647276	1651130	1641422	1646609	0.30	cps
Yttrium	89-1	14009743	13717187	13572784	13766571	1.62	cps
Yttrium	89-2	2585697	2604507	2614910	2601705	0.57	cps
Zinc	66-2	603117	606915	605921	605318	0.33	cps
Zirconium	90-1	8106466	8028300	7950185	8028317	0.97	cps
Zirconium	91-1	1831699	1795713	1815023	1814145	0.99	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03A Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:05:34 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2429253	2404980	2409742	2414658	0.53	cps
Antimony	121-1	4456132	4377576	4362243	4398650	1.15	cps
Arsenic	75-2	215558	215665	216111	215778	0.14	cps
Barium	135-1	5406082	5329754	5329915	5355251	0.82	cps
Barium	137-1	9750192	9502262	9687335	9646596	1.34	cps
Beryllium	9-1	789090	775119	767525	777245	1.41	cps
Bismuth	209-1	8624251	8582296	8519952	8575500	0.61	cps
Bismuth	209-2	4671198	4675168	4754467	4700277	1.00	cps
Boron	10-1	90629	90344	89120	90031	0.89	cps
Boron	11-1	436029	440844	438668	438514	0.55	cps
Bromine	81-1	24079	25089	24446	24538	2.08	cps
Bromine	81-2	481	400	541	474	14.84	cps
Cadmium	111-1	1188557	1183712	1150112	1174127	1.78	cps
Cadmium	106-1	138891	138882	136829	138201	0.86	cps
Cadmium	108-1	90649	91030	88485	90055	1.52	cps
Calcium	43-1	4091246	4095637	4050738	4079207	0.61	cps
Calcium	44-1	62089881	61929453	61622783	61880706	0.38	cps
Chromium	52-2	1863716	1853409	1831554	1849560	0.89	cps
Cobalt	59-2	2787421	2802604	2780348	2790124	0.41	cps
Copper	63-2	3363064	3367648	3343159	3357957	0.39	cps
Dysprosium	156-1	79815	79161	77996	78991	1.17	cps
Dysprosium	156-2	40496	41302	40770	40856	1.00	cps
Erbium	164-1	51264	51372	51221	51286	0.15	cps
Erbium	164-2	26983	27010	26896	26963	0.22	cps
Gadolinium	160-1	66637	66294	66059	66330	0.44	cps
Gadolinium	160-2	38490	38581	37785	38286	1.14	cps
Holmium	165-1	13481029	13159723	13026358	13222370	1.77	cps
Holmium	165-2	7160420	7157407	7252640	7190156	0.75	cps
Indium	115-1	9591839	9430520	9170011	9397456	2.26	cps
Indium	115-2	2335135	2343836	2346317	2341763	0.25	cps
Iron	54-2	6009281	5913596	5854686	5925854	1.32	cps
Iron	56-2	106540155	106956511	105585141	106360602	0.66	cps
Iron	57-2	2785605	2779516	2751748	2772290	0.65	cps
Krypton	83-1	873	910	937	907	3.51	cps
Lead	206-1	3917290	3920708	3848657	3895552	1.04	cps
Lead	207-1	3361746	3331538	3318819	3337368	0.66	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03A Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:05:34 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	14727188	14768430	14613945	14703187	0.54	cps
Lithium	6-1	1995918	1987805	1986469	1990064	0.26	cps
Magnesium	24-2	12545484	12384824	12413929	12448079	0.69	cps
Manganese	55-2	3671757	3682941	3663085	3672595	0.27	cps
Molybdenum	94-1	8779050	8881313	8663822	8774728	1.24	cps
Molybdenum	95-1	10299255	10419091	10243147	10320498	0.87	cps
Molybdenum	96-1	11362516	11401357	11318924	11360933	0.36	cps
Molybdenum	97-1	6514092	6395750	6358275	6422706	1.27	cps
Molybdenum	98-1	16424376	16287953	16279294	16330541	0.50	cps
Neodymium	150-1	140021	140526	141097	140548	0.38	cps
Neodymium	150-2	63016	62809	62484	62769	0.43	cps
Nickel	60-2	753014	750423	746335	749924	0.45	cps
Phosphorus	31-2	3684	3601	3942	3742	4.76	cps
Potassium	39-2	7220645	7364127	7326600	7303791	1.02	cps
Rhodium	103-1	8613594	8619715	8557117	8596809	0.40	cps
Rhodium	103-2	4654072	4704250	4689559	4682627	0.55	cps
Scandium	45-1	6280307	6223460	6226039	6243269	0.51	cps
Scandium	45-2	416679	414497	423389	418188	1.11	cps
Selenium	82-1	81835	81971	81164	81656	0.53	cps
Selenium	77-2	5328	5685	5708	5573	3.82	cps
Selenium	78-2	18161	18132	18108	18134	0.15	cps
Silicon	28-1	8035783	9057389	8139313	8410829	6.69	cps
Silver	109-1	3608199	3642272	5684440	4311637	27.58	cps
Silver	107-1	2696546	14414059	1761021	6290542	112.08	cps
Sodium	23-2	20902577	20901338	20968437	20924118	0.18	cps
Strontium	86-1	1661902	1647469	1633820	1647730	0.85	cps
Strontium	88-1	14434682	14034449	13952951	14140694	1.82	cps
Sulfur	34-1	487721	483797	481101	484206	0.69	cps
Terbium	159-1	13676059	13358671	13259735	13431489	1.62	cps
Terbium	159-2	7196462	7132604	7181538	7170201	0.47	cps
Thallium	203-1	4422591	4376551	4292154	4363765	1.52	cps
Thallium	205-1	11404386	11475503	11067314	11315734	1.93	cps
Thorium	232-1	389133	384347	382571	385351	0.88	cps
Tin	118-1	3335014	3317839	3302052	3318302	0.50	cps
Titanium	47-1	2871181	2883217	2851316	2868571	0.56	cps
Uranium	238-1	16132277	16030918	15993136	16052110	0.45	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03A	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:05:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1658634	1646617	1643214	1649488	0.49	cps
Yttrium	89-1	13856781	13582419	13566785	13668662	1.19	cps
Yttrium	89-2	2568745	2601389	2597592	2589242	0.69	cps
Zinc	66-2	593703	593193	591962	592953	0.15	cps
Zirconium	90-1	8086365	7997491	7936985	8006947	0.94	cps
Zirconium	91-1	1848748	1804568	1798920	1817412	1.50	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:08:55	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272759	272576	260948	268761	2.52	cps
Antimony	121-1	2334	2142	2042	2172	6.82	cps
Arsenic	75-2	685	748	798	744	7.61	cps
Barium	135-1	71978	69984	71642	71201	1.50	cps
Barium	137-1	126538	122949	124647	124711	1.44	cps
Beryllium	9-1	444	422	461	443	4.41	cps
Bismuth	209-1	8456098	8395878	8583276	8478417	1.13	cps
Bismuth	209-2	4761262	4747656	4829204	4779374	0.91	cps
Boron	10-1	8277	7752	7819	7949	3.60	cps
Boron	11-1	39937	38750	38048	38912	2.45	cps
Bromine	81-1	23461	22476	23186	23041	2.21	cps
Bromine	81-2	300	150	170	207	39.41	cps
Cadmium	111-1	4035	3901	3915	3950	1.88	cps
Cadmium	106-1	5485	5293	5218	5332	2.58	cps
Cadmium	108-1	113	83	96	97	15.05	cps
Calcium	43-1	742501	744531	742461	743164	0.16	cps
Calcium	44-1	11274801	11244244	11001165	11173403	1.34	cps
Chromium	52-2	14481	14757	14727	14655	1.04	cps
Cobalt	59-2	10994	10654	10324	10657	3.15	cps
Copper	63-2	16780	17130	16960	16957	1.03	cps
Dysprosium	156-1	15810	15200	15175	15395	2.33	cps
Dysprosium	156-2	8366	7996	7806	8056	3.54	cps
Erbium	164-1	9979	9962	9979	9973	0.10	cps
Erbium	164-2	5381	5501	5581	5488	1.84	cps
Gadolinium	160-1	13590	12664	13365	13207	3.66	cps
Gadolinium	160-2	7696	7932	7699	7776	1.75	cps
Holmium	165-1	12535638	12406353	13083032	12675008	2.83	cps
Holmium	165-2	7129077	7007243	7157677	7097999	1.13	cps
Indium	115-1	8996820	9152238	9302607	9150555	1.67	cps
Indium	115-2	2369359	2372204	2390487	2377350	0.48	cps
Iron	54-2	531115	517098	506525	518246	2.38	cps
Iron	56-2	9207804	9147196	8888563	9081187	1.87	cps
Iron	57-2	240067	238856	231093	236672	2.06	cps
Krypton	83-1	900	797	957	884	9.17	cps
Lead	206-1	49408	48946	49681	49345	0.75	cps
Lead	207-1	39203	39030	38907	39047	0.38	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:08:55	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	167443	167017	168174	167545	0.35	cps
Lithium	6-1	1889632	1899658	1927367	1905552	1.03	cps
Magnesium	24-2	108012	108682	105502	107399	1.56	cps
Manganese	55-2	323527	324700	312740	320322	2.06	cps
Molybdenum	94-1	23904	24012	23603	23840	0.89	cps
Molybdenum	95-1	1967	1834	2184	1995	8.86	cps
Molybdenum	96-1	5384	5810	5484	5560	4.00	cps
Molybdenum	97-1	1217	1267	1200	1228	2.83	cps
Molybdenum	98-1	3384	2859	2975	3073	8.97	cps
Neodymium	150-1	28470	27588	27267	27775	2.24	cps
Neodymium	150-2	12936	12359	12572	12623	2.31	cps
Nickel	60-2	4911	4854	5038	4934	1.90	cps
Phosphorus	31-2	900	800	867	856	5.95	cps
Potassium	39-2	211841	209457	210371	210556	0.57	cps
Rhodium	103-1	8439689	8469000	8680285	8529658	1.54	cps
Rhodium	103-2	4747231	4755108	4780087	4760808	0.36	cps
Scandium	45-1	5819348	5897592	5940271	5885737	1.04	cps
Scandium	45-2	412659	414271	408375	411768	0.74	cps
Selenium	82-1	-22	101	-47	11	745.70	cps
Selenium	77-2	53	37	57	49	21.91	cps
Selenium	78-2	206	235	196	212	9.57	cps
Silicon	28-1	1380397	1568682	1387974	1445684	7.37	cps
Silver	109-1	2267	2025	2084	2125	5.93	cps
Silver	107-1	2384	2092	2367	2281	7.18	cps
Sodium	23-2	60815	61284	60757	60952	0.47	cps
Strontium	86-1	35920	37316	37140	36792	2.07	cps
Strontium	88-1	313015	307894	309219	310043	0.86	cps
Sulfur	34-1	488676	489050	489542	489089	0.09	cps
Terbium	159-1	12670363	12733078	12964504	12789315	1.21	cps
Terbium	159-2	7075906	7013481	7151212	7080200	0.97	cps
Thallium	203-1	850	742	683	758	11.15	cps
Thallium	205-1	1717	2067	1775	1853	10.12	cps
Thorium	232-1	71450	71936	71148	71511	0.56	cps
Tin	118-1	8111	8228	8328	8222	1.32	cps
Titanium	47-1	11088	11905	11421	11471	3.58	cps
Uranium	238-1	9337	8912	8628	8959	3.98	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:08:55	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23856	23288	23495	23547	1.22	cps
Yttrium	89-1	12581819	12643293	12620747	12615286	0.25	cps
Yttrium	89-2	2470509	2463133	2478327	2470656	0.31	cps
Zinc	66-2	20137	19960	19540	19879	1.54	cps
Zirconium	90-1	61892	61624	59273	60930	2.37	cps
Zirconium	91-1	13098	13265	13148	13170	0.65	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-06	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC3-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:12:25	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16271692	16139801	15826062	16079185	1.42	cps
Antimony	121-1	1183	958	1233	1125	13.02	cps
Arsenic	75-2	14294	14016	14035	14115	1.10	cps
Barium	135-1	3211560	3192187	3166439	3190062	0.71	cps
Barium	137-1	5613091	5561101	5540525	5571572	0.67	cps
Beryllium	9-1	17888	17043	16843	17258	3.22	cps
Bismuth	209-1	8676237	8690846	8715462	8694182	0.23	cps
Bismuth	209-2	4695188	4755815	4714754	4721919	0.66	cps
Boron	10-1	6593	6343	6460	6465	1.94	cps
Boron	11-1	32844	31692	31015	31851	2.90	cps
Bromine	81-1	49368	53801	54127	52432	5.07	cps
Bromine	81-2	5236	5306	5497	5347	2.52	cps
Cadmium	111-1	14376	14058	13427	13953	3.46	cps
Cadmium	106-1	12948	12614	11822	12461	4.64	cps
Cadmium	108-1	2009	1838	1792	1879	6.08	cps
Calcium	43-1	8830500	8751558	8767921	8783326	0.47	cps
Calcium	44-1	141577395	140111870	140162836	140617367	0.59	cps
Chromium	52-2	390758	391297	383069	388375	1.19	cps
Cobalt	59-2	437950	436708	429634	434764	1.03	cps
Copper	63-2	350099	352804	344908	349270	1.15	cps
Dysprosium	156-1	508724	514362	513830	512306	0.61	cps
Dysprosium	156-2	267950	266713	261460	265374	1.30	cps
Erbium	164-1	405797	399289	401443	402176	0.82	cps
Erbium	164-2	214191	213850	211115	213052	0.79	cps
Gadolinium	160-1	440710	437646	429942	436099	1.27	cps
Gadolinium	160-2	254984	254248	252955	254062	0.40	cps
Holmium	165-1	13699644	13677283	13786209	13721045	0.42	cps
Holmium	165-2	7427169	7563841	7497168	7496059	0.91	cps
Indium	115-1	9737496	9743884	9603622	9695000	0.82	cps
Indium	115-2	2421621	2423789	2431410	2425607	0.21	cps
Iron	54-2	12157440	12067030	11982118	12068863	0.73	cps
Iron	56-2	221014227	222179849	217578899	220257659	1.09	cps
Iron	57-2	5619888	5503188	5383197	5502091	2.15	cps
Krypton	83-1	1350	1343	1383	1359	1.58	cps
Lead	206-1	1124807	1135375	1110520	1123568	1.11	cps
Lead	207-1	886517	874843	877396	879585	0.70	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-06 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC3-SO-00 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:12:25 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3821796	3800378	3764093	3795422	0.77	cps
Lithium	6-1	2013281	1991268	1996993	2000514	0.57	cps
Magnesium	24-2	6390192	6415568	6267955	6357905	1.24	cps
Manganese	55-2	13494984	13643641	13364172	13500932	1.04	cps
Molybdenum	94-1	397617	397322	390633	395191	1.00	cps
Molybdenum	95-1	1992	1934	1884	1936	2.80	cps
Molybdenum	96-1	68238	68514	67668	68140	0.63	cps
Molybdenum	97-1	967	1000	1300	1089	16.86	cps
Molybdenum	98-1	2400	2825	2484	2570	8.77	cps
Neodymium	150-1	758196	743992	748476	750221	0.97	cps
Neodymium	150-2	336806	336156	332492	335151	0.69	cps
Nickel	60-2	200352	198490	195895	198246	1.13	cps
Phosphorus	31-2	11805	11788	12489	12027	3.32	cps
Potassium	39-2	7319635	7264870	7188597	7257701	0.91	cps
Rhodium	103-1	8799013	8670160	8711396	8726856	0.75	cps
Rhodium	103-2	4790024	4780034	4762400	4777486	0.29	cps
Scandium	45-1	6917094	6753345	6790393	6820277	1.26	cps
Scandium	45-2	457734	456536	448497	454256	1.11	cps
Selenium	82-1	625	746	587	653	12.68	cps
Selenium	77-2	1370	1323	1310	1335	2.36	cps
Selenium	78-2	941	894	1039	958	7.70	cps
Silicon	28-1	21687386	21166073	21514832	21456097	1.24	cps
Silver	109-1	9645	8745	9103	9164	4.95	cps
Silver	107-1	11238	11230	10746	11071	2.54	cps
Sodium	23-2	755249	747705	742821	748592	0.84	cps
Strontium	86-1	793617	779794	772544	781985	1.37	cps
Strontium	88-1	6822587	6650479	6740878	6737981	1.28	cps
Sulfur	34-1	521601	516368	515644	517871	0.63	cps
Terbium	159-1	14171133	14024278	14046247	14080553	0.56	cps
Terbium	159-2	7538869	7522594	7528571	7530012	0.11	cps
Thallium	203-1	20308	20224	19406	19979	2.49	cps
Thallium	205-1	47895	47619	47009	47508	0.95	cps
Thorium	232-1	2184956	2151848	2150930	2162578	0.90	cps
Tin	118-1	5718	5660	5851	5743	1.71	cps
Titanium	47-1	29748	30863	25708	28773	9.43	cps
Uranium	238-1	69742	67632	68744	68706	1.54	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-06	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC3-SO-00	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:12:25	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	301532	298839	293431	297934	1.38	cps
Yttrium	89-1	19289456	19080888	18742165	19037503	1.45	cps
Yttrium	89-2	3647613	3634404	3595077	3625698	0.75	cps
Zinc	66-2	159324	158627	156771	158241	0.83	cps
Zirconium	90-1	1093636	1073299	1060516	1075817	1.55	cps
Zirconium	91-1	241749	241492	238497	240579	0.75	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:15:53	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7673123	7807924	7910201	7797083	1.53	cps
Antimony	121-1	2184	2509	2375	2356	6.94	cps
Arsenic	75-2	35339	35796	35463	35533	0.66	cps
Barium	135-1	1190913	1176944	1169235	1179031	0.93	cps
Barium	137-1	2066549	2062125	2048889	2059188	0.45	cps
Beryllium	9-1	10348	10226	10715	10430	2.44	cps
Bismuth	209-1	7439351	7399296	7383787	7407478	0.39	cps
Bismuth	209-2	4001651	4000469	4046423	4016181	0.65	cps
Boron	10-1	4884	5459	4968	5104	6.09	cps
Boron	11-1	25839	26165	27442	26482	3.20	cps
Bromine	81-1	35227	36213	36672	36037	2.05	cps
Bromine	81-2	2683	2943	3174	2933	8.37	cps
Cadmium	111-1	88472	88668	86680	87940	1.25	cps
Cadmium	106-1	20557	21575	21150	21094	2.42	cps
Cadmium	108-1	7177	7198	6852	7075	2.74	cps
Calcium	43-1	79366056	81593531	81090335	80683307	1.45	cps
Calcium	44-1	1296507462	1315818363	1313969663	1308765163	0.81	cps
Chromium	52-2	776303	779073	775918	777098	0.22	cps
Cobalt	59-2	265229	269060	266315	266868	0.74	cps
Copper	63-2	414777	415049	416159	415329	0.18	cps
Dysprosium	156-1	498629	492335	490632	493866	0.85	cps
Dysprosium	156-2	268822	266614	265275	266904	0.67	cps
Erbium	164-1	456741	453462	449589	453264	0.79	cps
Erbium	164-2	237011	238287	236301	237200	0.42	cps
Gadolinium	160-1	474230	473513	471999	473247	0.24	cps
Gadolinium	160-2	269758	270550	273166	271158	0.66	cps
Holmium	165-1	12801452	12685474	12550907	12679278	0.99	cps
Holmium	165-2	6840469	6849976	6889203	6859883	0.38	cps
Indium	115-1	8789068	8811669	8695316	8765351	0.70	cps
Indium	115-2	2240069	2235652	2252131	2242617	0.38	cps
Iron	54-2	17219577	17162243	17330180	17237333	0.50	cps
Iron	56-2	310922840	314952774	313997540	313291051	0.67	cps
Iron	57-2	8372447	8440298	8314430	8375725	0.75	cps
Krypton	83-1	1710	1617	1687	1671	2.91	cps
Lead	206-1	2677214	2658102	2679095	2671470	0.43	cps
Lead	207-1	2160255	2128711	2146276	2145080	0.74	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:15:53	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	9243247	9078166	9158752	9160055	0.90	cps
Lithium	6-1	1857473	1826563	1864526	1849521	1.09	cps
Magnesium	24-2	5292241	5341527	5348324	5327364	0.57	cps
Manganese	55-2	13688540	13839564	13874434	13800846	0.72	cps
Molybdenum	94-1	493646	489778	489115	490846	0.50	cps
Molybdenum	95-1	6535	6443	6877	6618	3.45	cps
Molybdenum	96-1	91903	90099	89999	90667	1.18	cps
Molybdenum	97-1	4267	3742	3592	3867	9.17	cps
Molybdenum	98-1	9987	9754	9095	9612	4.81	cps
Neodymium	150-1	706055	707118	704428	705867	0.19	cps
Neodymium	150-2	316142	312719	314435	314432	0.54	cps
Nickel	60-2	149301	152604	152970	151625	1.33	cps
Phosphorus	31-2	156858	156706	156538	156701	0.10	cps
Potassium	39-2	3928078	3992604	3980146	3966943	0.86	cps
Rhodium	103-1	7799446	7700540	7688967	7729651	0.79	cps
Rhodium	103-2	4126118	4145201	4134673	4135331	0.23	cps
Scandium	45-1	6449407	6336120	6529629	6438386	1.51	cps
Scandium	45-2	455183	459853	462415	459151	0.80	cps
Selenium	82-1	1232	997	1169	1133	10.74	cps
Selenium	77-2	1157	1167	1193	1172	1.62	cps
Selenium	78-2	1113	972	1006	1030	7.14	cps
Silicon	28-1	23631152	26099355	24503850	24744785	5.06	cps
Silver	109-1	5585	5309	5226	5373	3.49	cps
Silver	107-1	6969	7060	6635	6888	3.25	cps
Sodium	23-2	908245	927671	921344	919087	1.08	cps
Strontium	86-1	7459264	7478820	7367598	7435227	0.80	cps
Strontium	88-1	64214416	64823754	64424343	64487504	0.48	cps
Sulfur	34-1	592117	595618	591388	593041	0.38	cps
Terbium	159-1	13075082	12983619	12692482	12917061	1.55	cps
Terbium	159-2	6715360	6791829	6802209	6769799	0.70	cps
Thallium	203-1	9871	10396	10246	10171	2.66	cps
Thallium	205-1	23972	24464	24039	24158	1.11	cps
Thorium	232-1	794194	793645	794578	794139	0.06	cps
Tin	118-1	7310	6994	6777	7027	3.82	cps
Titanium	47-1	39848	41595	40402	40615	2.20	cps
Uranium	238-1	213960	213455	213649	213688	0.12	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:15:53	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	964688	967074	967153	966305	0.14	cps
Yttrium	89-1	19962337	19815211	19683638	19820395	0.70	cps
Yttrium	89-2	3817158	3827550	3823327	3822678	0.14	cps
Zinc	66-2	374422	374386	374623	374477	0.03	cps
Zirconium	90-1	1350466	1337724	1326147	1338112	0.91	cps
Zirconium	91-1	299236	300362	295012	298203	0.95	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-02	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC2-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:19:21	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9724894	9596517	9351996	9557802	1.98	cps
Antimony	121-1	808	1008	967	928	11.37	cps
Arsenic	75-2	27541	27019	26637	27066	1.68	cps
Barium	135-1	2425184	2363912	2361111	2383403	1.52	cps
Barium	137-1	4266258	4158363	4147267	4190629	1.57	cps
Beryllium	9-1	11705	11582	11199	11495	2.30	cps
Bismuth	209-1	7987433	8058326	7644780	7896846	2.80	cps
Bismuth	209-2	4300990	4280350	4481877	4354406	2.55	cps
Boron	10-1	4534	4426	4551	4504	1.51	cps
Boron	11-1	22592	21674	21808	22025	2.25	cps
Bromine	81-1	31794	32537	34174	32835	3.71	cps
Bromine	81-2	2423	2573	2373	2456	4.24	cps
Cadmium	111-1	16084	15740	16334	16053	1.86	cps
Cadmium	106-1	11071	10738	11372	11060	2.87	cps
Cadmium	108-1	1479	1375	1388	1414	4.02	cps
Calcium	43-1	74217625	73650677	72011583	73293295	1.56	cps
Calcium	44-1	1186933393	1189668327	1166851859	1181151193	1.05	cps
Chromium	52-2	402262	400281	392651	398398	1.27	cps
Cobalt	59-2	377227	372879	368108	372738	1.22	cps
Copper	63-2	343880	344226	334832	340979	1.56	cps
Dysprosium	156-1	350264	347718	340097	346026	1.53	cps
Dysprosium	156-2	184176	182169	178766	181703	1.51	cps
Erbium	164-1	304000	296325	291123	297149	2.18	cps
Erbium	164-2	161032	155559	154774	157121	2.17	cps
Gadolinium	160-1	316730	311324	307036	311697	1.56	cps
Gadolinium	160-2	183037	178296	177553	179629	1.66	cps
Holmium	165-1	13376755	13416882	12784353	13192663	2.68	cps
Holmium	165-2	7369995	7181712	7642161	7397956	3.13	cps
Indium	115-1	9521648	9415818	9220898	9386121	1.63	cps
Indium	115-2	2359793	2368172	2494703	2407556	3.14	cps
Iron	54-2	15724272	15664790	15386464	15591842	1.16	cps
Iron	56-2	288741745	284860295	280214617	284605553	1.50	cps
Iron	57-2	7564247	7595301	7499005	7552851	0.65	cps
Krypton	83-1	1260	1280	1337	1292	3.08	cps
Lead	206-1	978165	960987	948416	962523	1.55	cps
Lead	207-1	770407	750434	737425	752756	2.21	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-02 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC2-SO-0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:19:21 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3297973	3219531	3202160	3239888	1.58	cps
Lithium	6-1	2041739	2032424	1987705	2020623	1.43	cps
Magnesium	24-2	6894585	6759492	6772117	6808731	1.10	cps
Manganese	55-2	11439221	11219850	11164767	11274613	1.29	cps
Molybdenum	94-1	217076	215002	212735	214938	1.01	cps
Molybdenum	95-1	4718	4209	4459	4462	5.70	cps
Molybdenum	96-1	42614	42012	48107	44244	7.59	cps
Molybdenum	97-1	2684	2534	2642	2620	2.96	cps
Molybdenum	98-1	6727	6343	6385	6485	3.24	cps
Neodymium	150-1	514626	508519	505906	509683	0.88	cps
Neodymium	150-2	228618	225394	220913	224975	1.72	cps
Nickel	60-2	181480	179675	176332	179162	1.46	cps
Phosphorus	31-2	19713	18595	18153	18821	4.27	cps
Potassium	39-2	4869458	4796667	4830619	4832248	0.75	cps
Rhodium	103-1	8317966	8238718	8149658	8235447	1.02	cps
Rhodium	103-2	4387394	4389447	4632017	4469619	3.15	cps
Scandium	45-1	6823996	6772967	6611343	6736102	1.65	cps
Scandium	45-2	462117	467828	484799	471582	2.50	cps
Selenium	82-1	1070	1016	1007	1031	3.29	cps
Selenium	77-2	867	873	837	859	2.27	cps
Selenium	78-2	767	691	800	752	7.44	cps
Silicon	28-1	26473652	26216987	26523808	26404816	0.62	cps
Silver	109-1	3159	2842	2950	2984	5.40	cps
Silver	107-1	3275	3892	3542	3570	8.67	cps
Sodium	23-2	557201	548269	544163	549878	1.21	cps
Strontium	86-1	2908580	2869236	2863305	2880374	0.85	cps
Strontium	88-1	25592357	24931277	24772197	25098610	1.73	cps
Sulfur	34-1	603838	602899	602021	602920	0.15	cps
Terbium	159-1	13851943	13514464	13218088	13528165	2.34	cps
Terbium	159-2	7176041	7211690	7514147	7300626	2.54	cps
Thallium	203-1	13782	13173	12531	13162	4.75	cps
Thallium	205-1	32148	32306	32014	32156	0.45	cps
Thorium	232-1	1189091	1177519	1155528	1174046	1.45	cps
Tin	118-1	3784	3759	3484	3676	4.53	cps
Titanium	47-1	15893	19996	15283	17057	15.03	cps
Uranium	238-1	245186	240913	244443	243514	0.94	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-02	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC2-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:19:21	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	743505	734763	718010	732093	1.77	cps
Yttrium	89-1	17928793	17945437	17639693	17837974	0.96	cps
Yttrium	89-2	3388963	3416087	3529932	3444994	2.17	cps
Zinc	66-2	127084	127077	124821	126327	1.03	cps
Zirconium	90-1	589656	587176	574484	583772	1.39	cps
Zirconium	91-1	132339	129757	129219	130439	1.28	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:22:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19089161	19189172	18656970	18978434	1.49	cps
Antimony	121-1	883	633	742	753	16.65	cps
Arsenic	75-2	15110	15121	15087	15106	0.11	cps
Barium	135-1	3087134	3020909	2999210	3035751	1.51	cps
Barium	137-1	5356792	5261367	5170953	5263037	1.77	cps
Beryllium	9-1	21093	21148	20892	21044	0.64	cps
Bismuth	209-1	8993361	8740947	8705499	8813269	1.78	cps
Bismuth	209-2	4666478	4637544	4669124	4657715	0.38	cps
Boron	10-1	3859	3934	4234	4009	4.95	cps
Boron	11-1	20589	20990	21391	20990	1.91	cps
Bromine	81-1	51877	56034	57590	55167	5.35	cps
Bromine	81-2	5987	5857	5747	5864	2.05	cps
Cadmium	111-1	18699	18407	17652	18253	2.96	cps
Cadmium	106-1	14124	13807	12839	13590	4.92	cps
Cadmium	108-1	1850	1671	1813	1778	5.32	cps
Calcium	43-1	21625540	21101043	21010247	21245610	1.56	cps
Calcium	44-1	346249349	333713916	339327783	339763683	1.85	cps
Chromium	52-2	559355	557800	548594	555249	1.05	cps
Cobalt	59-2	459774	459303	451025	456701	1.08	cps
Copper	63-2	452581	447208	445950	448579	0.79	cps
Dysprosium	156-1	617995	608672	595441	607369	1.87	cps
Dysprosium	156-2	309189	310823	303055	307689	1.33	cps
Erbium	164-1	489309	483627	476449	483128	1.33	cps
Erbium	164-2	253331	249663	247856	250283	1.11	cps
Gadolinium	160-1	533414	522535	518667	524872	1.46	cps
Gadolinium	160-2	300014	297339	294570	297308	0.92	cps
Holmium	165-1	14435228	14023219	14195625	14218024	1.46	cps
Holmium	165-2	7669731	7508824	7729190	7635915	1.49	cps
Indium	115-1	10196459	10002707	10085596	10094921	0.96	cps
Indium	115-2	2447782	2452033	2469987	2456601	0.48	cps
Iron	54-2	15843265	15898239	15448474	15729992	1.56	cps
Iron	56-2	293327507	287691990	281076162	287365219	2.13	cps
Iron	57-2	7308877	7415352	7183454	7302561	1.59	cps
Krypton	83-1	1537	1663	1503	1568	5.38	cps
Lead	206-1	2031762	1979202	1981780	1997581	1.48	cps
Lead	207-1	1583866	1546905	1552574	1561115	1.28	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:22:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6837087	6713920	6674216	6741741	1.26	cps
Lithium	6-1	2183566	2134031	2162360	2159986	1.15	cps
Magnesium	24-2	7068496	7056488	7003263	7042749	0.49	cps
Manganese	55-2	9167414	9002785	8940645	9036948	1.30	cps
Molybdenum	94-1	334788	323494	326571	328284	1.78	cps
Molybdenum	95-1	2042	1842	2175	2020	8.31	cps
Molybdenum	96-1	58905	59508	57173	58529	2.07	cps
Molybdenum	97-1	1192	1317	1217	1242	5.33	cps
Molybdenum	98-1	3109	2875	2509	2831	10.69	cps
Neodymium	150-1	909888	896810	886084	897594	1.33	cps
Neodymium	150-2	397161	390065	386966	391398	1.34	cps
Nickel	60-2	235030	233401	231365	233265	0.79	cps
Phosphorus	31-2	15308	15684	15834	15608	1.73	cps
Potassium	39-2	8230012	8137190	8150084	8172429	0.62	cps
Rhodium	103-1	9078590	8840578	8919969	8946379	1.35	cps
Rhodium	103-2	4693123	4745574	4717440	4718712	0.56	cps
Scandium	45-1	7187219	7146179	7235582	7189660	0.62	cps
Scandium	45-2	468533	472394	471386	470771	0.43	cps
Selenium	82-1	807	737	897	813	9.86	cps
Selenium	77-2	1440	1553	1240	1411	11.24	cps
Selenium	78-2	1109	1163	978	1083	8.79	cps
Silicon	28-1	27294553	27443197	27425865	27387872	0.30	cps
Silver	109-1	15334	16577	16235	16048	4.00	cps
Silver	107-1	17837	17628	19322	18262	5.06	cps
Sodium	23-2	1047273	1037760	1044552	1043195	0.47	cps
Strontium	86-1	1829860	1798988	1790087	1806312	1.16	cps
Strontium	88-1	15858068	15417308	15591620	15622332	1.42	cps
Sulfur	34-1	582825	576588	580872	580095	0.55	cps
Terbium	159-1	14733654	14588639	14385510	14569268	1.20	cps
Terbium	159-2	7449331	7564609	7514496	7509479	0.77	cps
Thallium	203-1	19615	19122	19657	19465	1.53	cps
Thallium	205-1	45545	46131	46398	46025	0.95	cps
Thorium	232-1	2279132	2266384	2216533	2254016	1.47	cps
Tin	118-1	2834	2625	2817	2759	4.20	cps
Titanium	47-1	14293	13765	14969	14343	4.21	cps
Uranium	238-1	94277	90718	91146	92047	2.11	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:22:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	341107	338379	335646	338377	0.81	cps
Yttrium	89-1	21038253	20668181	21083360	20929931	1.09	cps
Yttrium	89-2	3898320	3913313	3877313	3896315	0.46	cps
Zinc	66-2	391382	388836	384649	388289	0.88	cps
Zirconium	90-1	915701	891270	882947	896639	1.90	cps
Zirconium	91-1	202809	197341	196717	198956	1.68	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-01DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC1-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 12:26:18 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	345893	344544	340902	343779	0.75	cps
Antimony	121-1	292	283	350	308	11.78	cps
Arsenic	75-2	850	841	904	865	3.93	cps
Barium	135-1	67480	66927	67338	67249	0.43	cps
Barium	137-1	114073	117556	117712	116447	1.77	cps
Beryllium	9-1	511	472	406	463	11.53	cps
Bismuth	209-1	8402035	8432094	8270893	8368341	1.02	cps
Bismuth	209-2	4525912	4554843	4591797	4557518	0.72	cps
Boron	10-1	2525	2375	2567	2489	4.05	cps
Boron	11-1	12606	11771	12681	12353	4.09	cps
Bromine	81-1	25331	26208	25289	25609	2.03	cps
Bromine	81-2	440	521	290	417	28.02	cps
Cadmium	111-1	4408	4242	4178	4276	2.78	cps
Cadmium	106-1	5785	5501	5518	5601	2.84	cps
Cadmium	108-1	167	108	133	136	21.50	cps
Calcium	43-1	993157	977401	992274	987611	0.90	cps
Calcium	44-1	15096623	14962871	15011283	15023592	0.45	cps
Chromium	52-2	16569	16579	16616	16588	0.15	cps
Cobalt	59-2	10380	9767	9790	9979	3.49	cps
Copper	63-2	14384	14227	14257	14289	0.58	cps
Dysprosium	156-1	14800	15910	15250	15320	3.64	cps
Dysprosium	156-2	8203	8122	8069	8131	0.83	cps
Erbium	164-1	10346	10980	10913	10746	3.24	cps
Erbium	164-2	5835	5831	5708	5791	1.25	cps
Gadolinium	160-1	13324	13082	13874	13426	3.02	cps
Gadolinium	160-2	7989	8056	7696	7913	2.42	cps
Holmium	165-1	12524371	12536286	12270548	12443735	1.21	cps
Holmium	165-2	6823973	6858666	6896504	6859714	0.53	cps
Indium	115-1	8998866	9139529	9208522	9115639	1.17	cps
Indium	115-2	2293628	2299478	2337101	2310069	1.02	cps
Iron	54-2	787226	781536	770283	779682	1.11	cps
Iron	56-2	13932736	13660054	13334772	13642521	2.19	cps
Iron	57-2	357224	358681	349443	355116	1.40	cps
Krypton	83-1	813	940	950	901	8.45	cps
Lead	206-1	40907	39810	39765	40160	1.61	cps
Lead	207-1	32334	31699	31248	31760	1.72	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-01DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:26:18	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	137577	135592	136144	136438	0.75	cps
Lithium	6-1	1913755	1910091	1916799	1913549	0.18	cps
Magnesium	24-2	129715	127092	126874	127894	1.24	cps
Manganese	55-2	206897	203820	202713	204477	1.06	cps
Molybdenum	94-1	24371	25039	25716	25042	2.69	cps
Molybdenum	95-1	1075	1125	1167	1122	4.09	cps
Molybdenum	96-1	5226	5284	5334	5282	1.03	cps
Molybdenum	97-1	550	842	725	706	20.81	cps
Molybdenum	98-1	1817	1733	2017	1856	7.85	cps
Neodymium	150-1	25537	25237	25150	25308	0.80	cps
Neodymium	150-2	11778	11815	11385	11659	2.05	cps
Nickel	60-2	5364	5511	5371	5415	1.53	cps
Phosphorus	31-2	1083	967	983	1011	6.24	cps
Potassium	39-2	250876	251381	249025	250427	0.50	cps
Rhodium	103-1	8542874	8310213	8463612	8438899	1.40	cps
Rhodium	103-2	4555789	4633529	4661304	4616874	1.18	cps
Scandium	45-1	5853469	5966111	5938757	5919446	0.99	cps
Scandium	45-2	397177	399895	403230	400101	0.76	cps
Selenium	82-1	61	-41	-51	-11	-585.46	cps
Selenium	77-2	47	50	47	48	4.02	cps
Selenium	78-2	204	159	170	178	13.01	cps
Silicon	28-1	1831221	1836801	1850006	1839343	0.52	cps
Silver	109-1	675	700	808	728	9.74	cps
Silver	107-1	825	783	833	814	3.29	cps
Sodium	23-2	51765	50510	50268	50848	1.58	cps
Strontium	86-1	35494	34926	36355	35592	2.02	cps
Strontium	88-1	303094	300977	299708	301260	0.57	cps
Sulfur	34-1	564955	568911	563503	565790	0.49	cps
Terbium	159-1	12440664	12673686	12704011	12606120	1.14	cps
Terbium	159-2	6796835	6815255	6937353	6849815	1.11	cps
Thallium	203-1	1467	1633	1567	1556	5.39	cps
Thallium	205-1	3451	3601	3409	3487	2.89	cps
Thorium	232-1	66440	65350	65518	65769	0.89	cps
Tin	118-1	2025	2075	2384	2161	8.98	cps
Titanium	47-1	5026	4943	4542	4837	5.34	cps
Uranium	238-1	8303	7569	8386	8086	5.56	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-01DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:26:18	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	22354	23001	23028	22794	1.68	cps
Yttrium	89-1	12544161	12768606	12716407	12676391	0.93	cps
Yttrium	89-2	2393114	2411719	2433441	2412758	0.84	cps
Zinc	66-2	11084	11531	11545	11387	2.30	cps
Zirconium	90-1	68128	68949	67023	68033	1.42	cps
Zirconium	91-1	15283	14691	15100	15025	2.02	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-02DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC1-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 12:29:48 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	602361	597693	578588	592881	2.12	cps
Antimony	121-1	325	508	383	406	23.10	cps
Arsenic	75-2	1372	1383	1337	1364	1.77	cps
Barium	135-1	120123	123528	125258	122970	2.12	cps
Barium	137-1	214035	209425	216075	213178	1.60	cps
Beryllium	9-1	722	572	756	683	14.29	cps
Bismuth	209-1	8245498	8258906	8257222	8253875	0.09	cps
Bismuth	209-2	4492216	4558587	4505955	4518919	0.78	cps
Boron	10-1	2250	2517	2325	2364	5.82	cps
Boron	11-1	11213	11346	11755	11438	2.47	cps
Bromine	81-1	23870	24304	23803	23993	1.13	cps
Bromine	81-2	571	481	511	521	8.81	cps
Cadmium	111-1	5213	5057	5315	5195	2.49	cps
Cadmium	106-1	6443	6285	6560	6429	2.15	cps
Cadmium	108-1	204	263	200	222	15.73	cps
Calcium	43-1	3951584	4003222	3986362	3980389	0.66	cps
Calcium	44-1	59584199	59647216	60146912	59792776	0.52	cps
Chromium	52-2	31323	30876	30107	30769	2.00	cps
Cobalt	59-2	17457	16866	16416	16913	3.09	cps
Copper	63-2	23192	23115	22805	23037	0.89	cps
Dysprosium	156-1	27628	26735	28731	27698	3.61	cps
Dysprosium	156-2	14324	14538	13800	14221	2.67	cps
Erbium	164-1	20875	20708	21659	21081	2.41	cps
Erbium	164-2	11315	11375	11061	11250	1.48	cps
Gadolinium	160-1	23554	24205	23930	23896	1.37	cps
Gadolinium	160-2	13887	14031	13573	13830	1.69	cps
Holmium	165-1	12283358	12628875	12580455	12497563	1.50	cps
Holmium	165-2	6785533	6976707	7053200	6938480	1.99	cps
Indium	115-1	9094545	9047389	9019690	9053875	0.42	cps
Indium	115-2	2315209	2322670	2327177	2321685	0.26	cps
Iron	54-2	958255	953360	922703	944773	2.04	cps
Iron	56-2	16887877	16552294	16212158	16550777	2.04	cps
Iron	57-2	450620	450551	436672	445948	1.80	cps
Krypton	83-1	880	857	860	866	1.46	cps
Lead	206-1	71848	73066	72546	72487	0.84	cps
Lead	207-1	56464	57000	57380	56948	0.81	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-02DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC1-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 12:29:48 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	245647	246761	245594	246001	0.27	cps
Lithium	6-1	1937127	1934391	1937009	1936176	0.08	cps
Magnesium	24-2	291304	292291	283971	289189	1.57	cps
Manganese	55-2	398897	392702	383959	391853	1.92	cps
Molybdenum	94-1	38310	37341	37374	37675	1.46	cps
Molybdenum	95-1	750	825	717	764	7.26	cps
Molybdenum	96-1	7127	6735	7469	7110	5.16	cps
Molybdenum	97-1	483	575	417	492	16.17	cps
Molybdenum	98-1	1142	1358	1167	1222	9.70	cps
Neodymium	150-1	43990	42439	43321	43250	1.80	cps
Neodymium	150-2	19160	19223	19060	19148	0.43	cps
Nickel	60-2	8823	8829	8823	8825	0.04	cps
Phosphorus	31-2	3826	3976	4101	3967	3.47	cps
Potassium	39-2	377875	382758	381285	380639	0.66	cps
Rhodium	103-1	8292839	8516480	8318208	8375842	1.46	cps
Rhodium	103-2	4605405	4585865	4649562	4613611	0.71	cps
Scandium	45-1	5938944	5908249	5986593	5944595	0.66	cps
Scandium	45-2	403965	404102	408928	405665	0.70	cps
Selenium	82-1	9	103	66	59	79.85	cps
Selenium	77-2	87	100	77	88	13.33	cps
Selenium	78-2	204	241	194	213	11.50	cps
Silicon	28-1	2619209	2632757	2628326	2626764	0.26	cps
Silver	109-1	792	767	725	761	4.42	cps
Silver	107-1	992	1075	1008	1025	4.30	cps
Sodium	23-2	67828	66991	66305	67041	1.14	cps
Strontium	86-1	135861	135256	134617	135245	0.46	cps
Strontium	88-1	1174239	1166452	1170504	1170398	0.33	cps
Sulfur	34-1	590118	599402	592709	594076	0.81	cps
Terbium	159-1	12817255	12716216	12886167	12806546	0.67	cps
Terbium	159-2	6846911	6886152	6824299	6852454	0.46	cps
Thallium	203-1	1608	1392	1608	1536	8.14	cps
Thallium	205-1	3409	3951	3351	3570	9.27	cps
Thorium	232-1	93501	95595	94577	94558	1.11	cps
Tin	118-1	2234	1959	2092	2095	6.57	cps
Titanium	47-1	5326	5643	4843	5271	7.65	cps
Uranium	238-1	14208	13916	14459	14195	1.91	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-02DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC1-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:29:48	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37458	37481	36485	37141	1.53	cps
Yttrium	89-1	12781616	12942809	12938408	12887611	0.71	cps
Yttrium	89-2	2463816	2474464	2490292	2476191	0.54	cps
Zinc	66-2	14818	14934	13927	14560	3.79	cps
Zirconium	90-1	102607	101449	104303	102786	1.40	cps
Zirconium	91-1	22719	22844	23428	22997	1.65	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 12:33:18 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267868	264611	262843	265108	0.96	cps
Antimony	121-1	217	300	192	236	24.02	cps
Arsenic	75-2	700	691	702	698	0.85	cps
Barium	135-1	72011	71584	72153	71916	0.41	cps
Barium	137-1	126496	126404	124453	125784	0.92	cps
Beryllium	9-1	394	378	261	344	21.09	cps
Bismuth	209-1	8188253	8294776	8454126	8312385	1.61	cps
Bismuth	209-2	4591553	4518478	4565710	4558581	0.81	cps
Boron	10-1	2309	2100	2117	2175	5.32	cps
Boron	11-1	10579	9937	9912	10143	3.73	cps
Bromine	81-1	22810	22009	22151	22323	1.92	cps
Bromine	81-2	170	200	230	200	15.00	cps
Cadmium	111-1	3989	4085	4123	4066	1.70	cps
Cadmium	106-1	5484	5660	5593	5579	1.58	cps
Cadmium	108-1	125	163	125	138	15.75	cps
Calcium	43-1	760570	750887	748872	753443	0.83	cps
Calcium	44-1	11481562	11418664	11199318	11366515	1.30	cps
Chromium	52-2	14387	14484	14134	14335	1.26	cps
Cobalt	59-2	10527	10821	10334	10561	2.32	cps
Copper	63-2	15558	15388	14868	15271	2.36	cps
Dysprosium	156-1	16535	15234	15568	15779	4.28	cps
Dysprosium	156-2	7942	8393	8132	8156	2.77	cps
Erbium	164-1	11138	10096	10112	10449	5.72	cps
Erbium	164-2	5505	5454	5545	5501	0.82	cps
Gadolinium	160-1	12665	13015	12723	12801	1.47	cps
Gadolinium	160-2	7782	7826	7252	7620	4.19	cps
Holmium	165-1	12610765	12606667	12835709	12684380	1.03	cps
Holmium	165-2	6859169	6815889	6963238	6879432	1.10	cps
Indium	115-1	9299656	9262316	9180485	9247486	0.66	cps
Indium	115-2	2329978	2321345	2322843	2324722	0.20	cps
Iron	54-2	522567	513125	503403	513032	1.87	cps
Iron	56-2	9149906	9030595	8776547	8985683	2.12	cps
Iron	57-2	239203	234057	229713	234324	2.03	cps
Krypton	83-1	953	887	807	882	8.32	cps
Lead	206-1	47858	46966	47451	47425	0.94	cps
Lead	207-1	38289	36996	37319	37535	1.79	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	162252	160647	160287	161062	0.65	cps
Lithium	6-1	1914926	1930830	1941171	1928976	0.69	cps
Magnesium	24-2	103254	104814	102146	103405	1.30	cps
Manganese	55-2	320786	320084	311904	317591	1.55	cps
Molybdenum	94-1	23386	21942	22201	22510	3.42	cps
Molybdenum	95-1	800	883	1000	894	11.23	cps
Molybdenum	96-1	4643	4943	4834	4807	3.16	cps
Molybdenum	97-1	400	492	642	511	23.87	cps
Molybdenum	98-1	1492	1383	1583	1486	6.74	cps
Neodymium	150-1	28196	27414	26993	27534	2.22	cps
Neodymium	150-2	12739	12389	12179	12436	2.28	cps
Nickel	60-2	4951	4774	4604	4776	3.63	cps
Phosphorus	31-2	942	958	867	922	5.29	cps
Potassium	39-2	209745	205376	206121	207081	1.13	cps
Rhodium	103-1	8547643	8557801	8588041	8564495	0.25	cps
Rhodium	103-2	4700889	4632625	4676339	4669951	0.74	cps
Scandium	45-1	5989194	6102682	6014306	6035394	0.99	cps
Scandium	45-2	405558	402297	404631	404162	0.42	cps
Selenium	82-1	-76	-32	59	-16	-418.47	cps
Selenium	77-2	60	60	47	56	13.85	cps
Selenium	78-2	154	157	174	162	6.71	cps
Silicon	28-1	1374733	1339644	1394113	1369497	2.02	cps
Silver	109-1	467	367	550	461	19.91	cps
Silver	107-1	633	625	492	583	13.63	cps
Sodium	23-2	53663	54399	53353	53805	1.00	cps
Strontium	86-1	38051	36739	37641	37477	1.79	cps
Strontium	88-1	313190	308470	305274	308978	1.29	cps
Sulfur	34-1	576088	568352	565229	569889	0.98	cps
Terbium	159-1	12748813	12933804	12897170	12859929	0.76	cps
Terbium	159-2	6910124	6963602	6983434	6952387	0.55	cps
Thallium	203-1	508	525	492	508	3.28	cps
Thallium	205-1	1350	1267	1367	1328	4.04	cps
Thorium	232-1	66830	68104	67719	67551	0.97	cps
Tin	118-1	7502	7285	7127	7305	2.58	cps
Titanium	47-1	10963	10854	11138	10985	1.30	cps
Uranium	238-1	8270	7627	8178	8025	4.33	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23853	23222	23682	23586	1.38	cps
Yttrium	89-1	12848307	12773921	12585209	12735812	1.06	cps
Yttrium	89-2	2422304	2405629	2441485	2423140	0.74	cps
Zinc	66-2	19924	19413	19293	19543	1.71	cps
Zirconium	90-1	60152	58428	58369	58983	1.72	cps
Zirconium	91-1	13790	13915	14024	13910	0.84	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:46:03	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5502027	5538159	5472352	5504179	0.60	cps
Antimony	121-1	3915416	3911407	3890167	3905664	0.35	cps
Arsenic	75-2	183622	183506	183609	183579	0.03	cps
Barium	135-1	4911904	4917733	4896979	4908872	0.22	cps
Barium	137-1	8851529	8920809	8789331	8853890	0.74	cps
Beryllium	9-1	686226	678022	677948	680732	0.70	cps
Bismuth	209-1	7415290	7541649	7534270	7497069	0.95	cps
Bismuth	209-2	4135545	4091719	4070505	4099256	0.81	cps
Boron	10-1	81015	79534	82935	81161	2.10	cps
Boron	11-1	397480	404453	403287	401740	0.93	cps
Bromine	81-1	20190	21884	20432	20835	4.40	cps
Bromine	81-2	140	80	100	107	28.65	cps
Cadmium	111-1	1004870	1012717	1008730	1008772	0.39	cps
Cadmium	106-1	119954	119769	119441	119721	0.22	cps
Cadmium	108-1	79382	78540	76291	78071	2.05	cps
Calcium	43-1	5769165	5757549	5682163	5736292	0.82	cps
Calcium	44-1	91688827	92285233	90503585	91492549	0.99	cps
Chromium	52-2	1616113	1627799	1605818	1616577	0.68	cps
Cobalt	59-2	2445699	2400080	2397227	2414335	1.13	cps
Copper	63-2	17488608	17478171	17247982	17404920	0.78	cps
Dysprosium	156-1	358	467	425	417	13.12	cps
Dysprosium	156-2	287	300	197	261	21.53	cps
Erbium	164-1	83	92	100	92	9.09	cps
Erbium	164-2	73	43	57	58	26.01	cps
Gadolinium	160-1	417	342	417	392	11.06	cps
Gadolinium	160-2	307	363	417	362	15.19	cps
Holmium	165-1	12162861	11922629	12080890	12055460	1.01	cps
Holmium	165-2	6736483	6758777	6696419	6730560	0.47	cps
Indium	115-1	8662401	8679197	8514689	8618762	1.05	cps
Indium	115-2	2139816	2149862	2153981	2147886	0.34	cps
Iron	54-2	17058736	17127888	16774593	16987073	1.10	cps
Iron	56-2	315303707	315041318	308179307	312841444	1.29	cps
Iron	57-2	7819587	7801190	7784361	7801713	0.23	cps
Krypton	83-1	790	803	877	823	5.67	cps
Lead	206-1	17819878	17847119	17755060	17807352	0.27	cps
Lead	207-1	15654059	15734682	15778694	15722478	0.40	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:46:03	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	62468454	63099231	63068171	62878618	0.57	cps
Lithium	6-1	1803981	1808762	1809491	1807412	0.17	cps
Magnesium	24-2	60344310	61999989	60194797	60846365	1.65	cps
Manganese	55-2	10258883	10335943	9983655	10192827	1.82	cps
Molybdenum	94-1	8378783	8285304	8307023	8323703	0.59	cps
Molybdenum	95-1	10223971	9963509	9878345	10021941	1.80	cps
Molybdenum	96-1	11132803	10988352	11033479	11051545	0.67	cps
Molybdenum	97-1	6282538	6244632	6221313	6249494	0.49	cps
Molybdenum	98-1	16081190	15901957	15968963	15984036	0.57	cps
Neodymium	150-1	407	400	407	404	0.95	cps
Neodymium	150-2	67	57	87	70	21.82	cps
Nickel	60-2	632262	628294	621770	627442	0.84	cps
Phosphorus	31-2	74804	75239	73832	74625	0.97	cps
Potassium	39-2	32595417	33002248	32116077	32571247	1.36	cps
Rhodium	103-1	7814608	7706089	7698119	7739605	0.84	cps
Rhodium	103-2	4206448	4250266	4247717	4234810	0.58	cps
Scandium	45-1	5816836	5774716	5726784	5772779	0.78	cps
Scandium	45-2	389082	386643	389908	388544	0.44	cps
Selenium	82-1	71293	71671	71436	71467	0.27	cps
Selenium	77-2	4594	4757	4871	4741	2.93	cps
Selenium	78-2	16237	16255	15948	16147	1.07	cps
Silicon	28-1	4044438	4133718	4165049	4114402	1.52	cps
Silver	109-1	4439191	4450470	4454060	4447907	0.17	cps
Silver	107-1	4690013	4662861	4628970	4660614	0.66	cps
Sodium	23-2	104099923	104663269	104298919	104354037	0.27	cps
Strontium	86-1	1355051	1329769	1343615	1342812	0.94	cps
Strontium	88-1	11785732	11744281	11854458	11794824	0.47	cps
Sulfur	34-1	913951	913236	909158	912115	0.28	cps
Terbium	159-1	12482255	12443161	12356862	12427426	0.52	cps
Terbium	159-2	6587140	6726593	6698166	6670633	1.10	cps
Thallium	203-1	3716173	3703798	3697559	3705843	0.26	cps
Thallium	205-1	9782507	9854624	9750536	9795889	0.54	cps
Thorium	232-1	14881602	15067434	15051156	15000064	0.69	cps
Tin	118-1	3134461	3145481	3113708	3131217	0.52	cps
Titanium	47-1	2815876	2824109	2766531	2802172	1.11	cps
Uranium	238-1	13865265	13840341	13690834	13798813	0.68	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:46:03	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1404724	1395140	1379002	1392955	0.93	cps
Yttrium	89-1	12086906	12110087	12297740	12164911	0.95	cps
Yttrium	89-2	2294772	2301367	2305458	2300532	0.23	cps
Zinc	66-2	2904687	2886658	2870708	2887351	0.59	cps
Zirconium	90-1	7077933	6945704	6963604	6995747	1.03	cps
Zirconium	91-1	1587435	1571184	1543803	1567474	1.41	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:54:04 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	167	175	167	5.00	cps
Antimony	121-1	408	325	358	364	11.53	cps
Arsenic	75-2	9	0	2	4	132.32	cps
Barium	135-1	58	50	83	64	27.16	cps
Barium	137-1	100	50	100	83	34.64	cps
Beryllium	9-1	56	50	67	57	14.78	cps
Bismuth	209-1	8335393	8298539	8121413	8251781	1.39	cps
Bismuth	209-2	4519589	4494482	4586575	4533549	1.05	cps
Boron	10-1	2550	2425	2542	2506	2.79	cps
Boron	11-1	12138	11772	10946	11619	5.26	cps
Bromine	81-1	22259	21842	22401	22168	1.31	cps
Bromine	81-2	80	140	70	97	39.17	cps
Cadmium	111-1	3581	3717	3760	3686	2.54	cps
Cadmium	106-1	5084	5309	5334	5243	2.63	cps
Cadmium	108-1	17	29	4	17	74.99	cps
Calcium	43-1	217	417	317	317	31.58	cps
Calcium	44-1	16768	15817	15984	16190	3.14	cps
Chromium	52-2	1217	1193	1170	1193	1.96	cps
Cobalt	59-2	97	90	73	87	13.87	cps
Copper	63-2	4804	4681	4664	4716	1.62	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	67	75	25	56	48.22	cps
Erbium	164-2	33	20	30	28	24.98	cps
Gadolinium	160-1	75	58	125	86	40.29	cps
Gadolinium	160-2	163	133	187	161	16.59	cps
Holmium	165-1	12206458	12622374	12342721	12390518	1.71	cps
Holmium	165-2	6883523	6832522	6958318	6891454	0.92	cps
Indium	115-1	9292753	9169154	9223083	9228330	0.67	cps
Indium	115-2	2319093	2315641	2354728	2329821	0.93	cps
Iron	54-2	1562	1962	1522	1682	14.48	cps
Iron	56-2	13150	13901	12589	13214	4.98	cps
Iron	57-2	683	600	600	628	7.66	cps
Krypton	83-1	850	897	883	877	2.74	cps
Lead	206-1	1722	1645	1372	1580	11.64	cps
Lead	207-1	1361	1333	1511	1402	6.82	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 12:54:04 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6092	5628	5690	5803	4.34	cps
Lithium	6-1	1868838	1858565	1853192	1860198	0.43	cps
Magnesium	24-2	1208	1167	967	1114	11.60	cps
Manganese	55-2	333	360	283	326	11.96	cps
Molybdenum	94-1	433	292	383	369	19.45	cps
Molybdenum	95-1	283	250	192	242	19.20	cps
Molybdenum	96-1	275	333	400	336	18.61	cps
Molybdenum	97-1	142	167	208	172	19.56	cps
Molybdenum	98-1	525	333	350	403	26.36	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	577	507	523	536	6.83	cps
Phosphorus	31-2	200	158	183	181	11.62	cps
Potassium	39-2	75709	74321	74973	75001	0.93	cps
Rhodium	103-1	8590008	8632122	8545514	8589215	0.50	cps
Rhodium	103-2	4681066	4708661	4778997	4722908	1.07	cps
Scandium	45-1	5866826	5965074	5910431	5914110	0.83	cps
Scandium	45-2	403675	406134	411262	407024	0.95	cps
Selenium	82-1	-72	-68	8	-44	-102.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	172	144	143	153	10.84	cps
Silicon	28-1	721754	718631	715532	718639	0.43	cps
Silver	109-1	250	342	208	267	25.58	cps
Silver	107-1	325	350	283	319	10.54	cps
Sodium	23-2	31316	31333	31241	31297	0.16	cps
Strontium	86-1	1275	1192	1492	1320	11.74	cps
Strontium	88-1	375	233	350	319	23.67	cps
Sulfur	34-1	544271	540034	543088	542464	0.40	cps
Terbium	159-1	12722356	12734355	12737960	12731557	0.06	cps
Terbium	159-2	6851986	6911126	6845012	6869375	0.53	cps
Thallium	203-1	108	133	83	108	23.08	cps
Thallium	205-1	267	275	275	272	1.77	cps
Thorium	232-1	900	822	861	861	4.52	cps
Tin	118-1	1108	875	908	964	13.09	cps
Titanium	47-1	150	108	108	122	19.68	cps
Uranium	238-1	125	92	225	147	47.13	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 12:54:04	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	23	10	17	39.99	cps
Yttrium	89-1	12699405	12443381	12451761	12531516	1.16	cps
Yttrium	89-2	2388253	2409203	2447979	2415145	1.25	cps
Zinc	66-2	497	527	613	546	11.11	cps
Zirconium	90-1	883	942	833	886	6.12	cps
Zirconium	91-1	175	158	150	161	7.90	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03DUPDLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 12:57:35 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272456	267377	253948	264594	3.61	cps
Antimony	121-1	200	292	375	289	30.30	cps
Arsenic	75-2	704	706	693	701	1.00	cps
Barium	135-1	71676	71911	72229	71939	0.39	cps
Barium	137-1	124143	124940	124698	124593	0.33	cps
Beryllium	9-1	428	367	367	387	9.12	cps
Bismuth	209-1	8241153	8153161	8304538	8232951	0.92	cps
Bismuth	209-2	4505158	4578810	4527326	4537098	0.83	cps
Boron	10-1	2167	1959	2084	2070	5.07	cps
Boron	11-1	9978	10137	10871	10329	4.61	cps
Bromine	81-1	22543	22702	23695	22980	2.72	cps
Bromine	81-2	130	160	140	143	10.66	cps
Cadmium	111-1	4239	3940	4034	4071	3.75	cps
Cadmium	106-1	5851	5384	5560	5598	4.21	cps
Cadmium	108-1	129	83	100	104	22.27	cps
Calcium	43-1	694737	689904	688662	691101	0.46	cps
Calcium	44-1	10384303	10451871	10527141	10454438	0.68	cps
Chromium	52-2	14851	14627	14047	14508	2.86	cps
Cobalt	59-2	10427	10470	10257	10385	1.09	cps
Copper	63-2	14327	14601	13810	14246	2.82	cps
Dysprosium	156-1	15743	15734	16410	15962	2.43	cps
Dysprosium	156-2	8002	8226	7676	7968	3.47	cps
Erbium	164-1	10212	10271	10830	10438	3.26	cps
Erbium	164-2	5601	5211	5141	5318	4.66	cps
Gadolinium	160-1	13707	12890	13207	13268	3.11	cps
Gadolinium	160-2	8062	7636	7405	7701	4.33	cps
Holmium	165-1	12637015	12131712	12543473	12437400	2.16	cps
Holmium	165-2	6914725	7097333	6865486	6959181	1.76	cps
Indium	115-1	9201799	9011029	9367339	9193389	1.94	cps
Indium	115-2	2340932	2338533	2324594	2334686	0.38	cps
Iron	54-2	516127	513821	492081	507343	2.62	cps
Iron	56-2	8979204	8909085	8621054	8836448	2.15	cps
Iron	57-2	232646	231893	225176	229905	1.79	cps
Krypton	83-1	860	890	783	844	6.51	cps
Lead	206-1	45277	45946	44915	45379	1.15	cps
Lead	207-1	35587	35180	34958	35242	0.91	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03DUPDLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 12:57:35 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	152139	153735	152771	152882	0.53	cps
Lithium	6-1	1866781	1854702	1878074	1866519	0.63	cps
Magnesium	24-2	104083	101450	100854	102129	1.68	cps
Manganese	55-2	327829	325336	315031	322732	2.10	cps
Molybdenum	94-1	23144	23086	24029	23420	2.26	cps
Molybdenum	95-1	1017	1108	1033	1053	4.64	cps
Molybdenum	96-1	4568	4851	5093	4837	5.44	cps
Molybdenum	97-1	567	633	667	622	8.18	cps
Molybdenum	98-1	1859	1684	1608	1717	7.47	cps
Neodymium	150-1	27481	27468	28971	27973	3.09	cps
Neodymium	150-2	12536	12466	11728	12243	3.65	cps
Nickel	60-2	4674	4524	4484	4561	2.20	cps
Phosphorus	31-2	875	900	1025	933	8.61	cps
Potassium	39-2	203010	200199	201804	201671	0.70	cps
Rhodium	103-1	8679147	8335943	8595109	8536733	2.10	cps
Rhodium	103-2	4708632	4771021	4676528	4718727	1.02	cps
Scandium	45-1	5912256	5761680	5951607	5875181	1.71	cps
Scandium	45-2	412669	418365	409062	413365	1.13	cps
Selenium	82-1	17	36	99	51	85.62	cps
Selenium	77-2	40	33	27	33	20.00	cps
Selenium	78-2	170	180	156	169	7.20	cps
Silicon	28-1	1489622	1525841	1581941	1532468	3.04	cps
Silver	109-1	583	675	592	617	8.22	cps
Silver	107-1	692	717	725	711	2.44	cps
Sodium	23-2	41198	41491	41107	41265	0.49	cps
Strontium	86-1	35511	36112	35695	35773	0.86	cps
Strontium	88-1	292257	298797	292324	294459	1.28	cps
Sulfur	34-1	546827	553876	558367	553023	1.05	cps
Terbium	159-1	12753976	12479400	12844351	12692576	1.50	cps
Terbium	159-2	6945864	6926915	6799582	6890787	1.15	cps
Thallium	203-1	517	583	525	542	6.71	cps
Thallium	205-1	1100	1417	1225	1247	12.79	cps
Thorium	232-1	71512	72138	71842	71831	0.44	cps
Tin	118-1	6343	6852	6352	6516	4.47	cps
Titanium	47-1	11430	11913	11013	11452	3.94	cps
Uranium	238-1	7686	7953	7619	7753	2.28	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 12:57:35	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23976	24250	23258	23828	2.15	cps
Yttrium	89-1	12633838	12495760	12530320	12553306	0.57	cps
Yttrium	89-2	2441524	2489024	2410611	2447053	1.61	cps
Zinc	66-2	10180	10010	9687	9959	2.52	cps
Zirconium	90-1	109174	60570	60127	76624	36.79	cps
Zirconium	91-1	13040	13565	12981	13195	2.44	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03LDLX25 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 25
 Date & Time Acquired :: 2020-10-30 13:01:04 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51522	49382	45971	48959	5.72	cps
Antimony	121-1	200	67	250	172	55.03	cps
Arsenic	75-2	128	120	107	119	8.70	cps
Barium	135-1	14249	13949	13248	13816	3.72	cps
Barium	137-1	24489	24221	23963	24224	1.09	cps
Beryllium	9-1	106	111	44	87	42.50	cps
Bismuth	209-1	8582340	8401694	8276765	8420267	1.82	cps
Bismuth	209-2	4472690	4444585	4515337	4477537	0.80	cps
Boron	10-1	1733	1800	1667	1733	3.85	cps
Boron	11-1	8569	8261	8194	8341	2.40	cps
Bromine	81-1	20707	20590	22276	21191	4.44	cps
Bromine	81-2	90	60	80	77	19.92	cps
Cadmium	111-1	3523	3983	3874	3793	6.34	cps
Cadmium	106-1	4984	5643	5476	5368	6.38	cps
Cadmium	108-1	29	42	25	32	27.15	cps
Calcium	43-1	145460	143456	145467	144794	0.80	cps
Calcium	44-1	2319014	2303726	2328213	2316985	0.53	cps
Chromium	52-2	3907	3637	3344	3629	7.77	cps
Cobalt	59-2	2124	1967	1837	1976	7.27	cps
Copper	63-2	4394	4227	4074	4232	3.78	cps
Dysprosium	156-1	2950	3184	2934	3023	4.63	cps
Dysprosium	156-2	1503	1467	1353	1441	5.43	cps
Erbium	164-1	1967	2117	2034	2039	3.69	cps
Erbium	164-2	1020	1010	1013	1014	0.50	cps
Gadolinium	160-1	2275	2559	2517	2450	6.24	cps
Gadolinium	160-2	1667	1473	1450	1530	7.77	cps
Holmium	165-1	12623938	12373907	12671996	12556614	1.27	cps
Holmium	165-2	6857678	6862696	6899545	6873306	0.33	cps
Indium	115-1	9504769	9436355	9118743	9353289	2.20	cps
Indium	115-2	2312498	2285549	2300051	2299366	0.59	cps
Iron	54-2	104534	94818	89653	96335	7.84	cps
Iron	56-2	1818327	1730385	1551476	1700062	8.00	cps
Iron	57-2	46808	44378	39665	43617	8.33	cps
Krypton	83-1	837	777	880	831	6.24	cps
Lead	206-1	10137	10082	9748	9989	2.11	cps
Lead	207-1	7580	7274	7330	7395	2.20	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03LDLX25 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 25
 Date & Time Acquired :: 2020-10-30 13:01:04 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	33731	32582	32994	33103	1.76	cps
Lithium	6-1	1899232	1881687	1844548	1875156	1.49	cps
Magnesium	24-2	21274	19797	18887	19986	6.03	cps
Manganese	55-2	62160	59794	53798	58584	7.36	cps
Molybdenum	94-1	4351	4317	4334	4334	0.38	cps
Molybdenum	95-1	192	242	300	244	22.18	cps
Molybdenum	96-1	950	925	1083	986	8.63	cps
Molybdenum	97-1	150	142	117	136	12.75	cps
Molybdenum	98-1	342	525	358	408	24.83	cps
Neodymium	150-1	5261	5208	5281	5250	0.72	cps
Neodymium	150-2	2394	2344	2040	2259	8.46	cps
Nickel	60-2	1023	983	907	971	6.11	cps
Phosphorus	31-2	383	417	358	386	7.58	cps
Potassium	39-2	99255	99682	99615	99518	0.23	cps
Rhodium	103-1	8678758	8600151	8534717	8604542	0.84	cps
Rhodium	103-2	4670487	4645447	4675493	4663809	0.35	cps
Scandium	45-1	6114573	5859758	5872447	5948926	2.41	cps
Scandium	45-2	400723	402261	401575	401519	0.19	cps
Selenium	82-1	-21	105	-43	14	579.90	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	156	176	154	162	7.62	cps
Silicon	28-1	854240	865291	946950	888827	5.70	cps
Silver	109-1	225	233	183	214	12.52	cps
Silver	107-1	375	417	333	375	11.11	cps
Sodium	23-2	33455	33321	33396	33390	0.20	cps
Strontium	86-1	8636	7669	8328	8211	6.02	cps
Strontium	88-1	59934	59473	60804	60070	1.13	cps
Sulfur	34-1	552575	555594	554990	554386	0.29	cps
Terbium	159-1	12917261	12835563	12468285	12740370	1.88	cps
Terbium	159-2	6823929	6782157	6756394	6787493	0.50	cps
Thallium	203-1	192	175	150	172	12.18	cps
Thallium	205-1	367	358	292	339	12.13	cps
Thorium	232-1	13363	12962	13118	13148	1.53	cps
Tin	118-1	2200	1875	2167	2081	8.59	cps
Titanium	47-1	2300	2292	2142	2245	3.97	cps
Uranium	238-1	1734	1492	1592	1606	7.56	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03LDLX25	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 13:01:04	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4457	4594	3971	4341	7.55	cps
Yttrium	89-1	12681700	12678782	12448467	12602983	1.06	cps
Yttrium	89-2	2379335	2376931	2388033	2381433	0.25	cps
Zinc	66-2	5768	5281	4924	5324	7.95	cps
Zirconium	90-1	11939	11872	12047	11952	0.74	cps
Zirconium	91-1	2692	2450	10062	5068	85.37	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-04DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:04:34 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	448410	442370	434980	441920	1.52	cps
Antimony	121-1	848112	836943	834747	839934	0.85	cps
Arsenic	75-2	40991	40807	39782	40527	1.61	cps
Barium	135-1	1024177	1017552	1025666	1022465	0.42	cps
Barium	137-1	1775776	1756460	1786372	1772869	0.86	cps
Beryllium	9-1	145231	143947	143735	144304	0.56	cps
Bismuth	209-1	8245545	8313416	8465893	8341618	1.35	cps
Bismuth	209-2	4417577	4404162	4431732	4417824	0.31	cps
Boron	10-1	16676	16668	17377	16907	2.41	cps
Boron	11-1	81804	83328	85256	83463	2.07	cps
Bromine	81-1	23027	21942	22626	22532	2.43	cps
Bromine	81-2	120	150	110	127	16.44	cps
Cadmium	111-1	225929	226162	227894	226662	0.47	cps
Cadmium	106-1	29999	29748	30324	30024	0.96	cps
Cadmium	108-1	17273	17169	16985	17142	0.85	cps
Calcium	43-1	571039	567705	564387	567710	0.59	cps
Calcium	44-1	8562119	8693316	8498728	8584721	1.16	cps
Chromium	52-2	353008	355633	346912	351851	1.27	cps
Cobalt	59-2	550719	539619	530557	540298	1.87	cps
Copper	63-2	671722	665691	654805	664073	1.29	cps
Dysprosium	156-1	14908	14291	14867	14689	2.35	cps
Dysprosium	156-2	7786	7449	7129	7454	4.41	cps
Erbium	164-1	9912	9637	9020	9523	4.80	cps
Erbium	164-2	4841	5078	4968	4962	2.39	cps
Gadolinium	160-1	12056	12014	12081	12050	0.28	cps
Gadolinium	160-2	7072	7135	6959	7055	1.27	cps
Holmium	165-1	12528719	12568541	12748305	12615188	0.93	cps
Holmium	165-2	6855294	6840024	6868922	6854747	0.21	cps
Indium	115-1	9239930	9157594	9322936	9240153	0.89	cps
Indium	115-2	2267592	2264689	2272957	2268412	0.18	cps
Iron	54-2	1152107	1139212	1121057	1137459	1.37	cps
Iron	56-2	20201213	20086194	19265948	19851118	2.57	cps
Iron	57-2	520223	512099	500195	510839	1.97	cps
Krypton	83-1	820	827	777	808	3.36	cps
Lead	206-1	729672	729820	728359	729284	0.11	cps
Lead	207-1	628045	618907	626528	624493	0.78	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-04DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:04:34 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2554708	2556041	2561700	2557483	0.15	cps
Lithium	6-1	1876091	1876327	1900292	1884237	0.74	cps
Magnesium	24-2	2518018	2514983	2462766	2498589	1.24	cps
Manganese	55-2	724479	725017	708311	719269	1.32	cps
Molybdenum	94-1	1683939	1709799	1688100	1693946	0.82	cps
Molybdenum	95-1	1982403	2000856	1997034	1993431	0.49	cps
Molybdenum	96-1	2192263	2182587	2224802	2199884	1.01	cps
Molybdenum	97-1	1242234	1236420	1251864	1243506	0.63	cps
Molybdenum	98-1	3160452	3166103	3214017	3180191	0.93	cps
Neodymium	150-1	25350	25971	25831	25718	1.27	cps
Neodymium	150-2	11341	11398	11045	11261	1.69	cps
Nickel	60-2	147422	146836	144934	146397	0.89	cps
Phosphorus	31-2	858	967	842	889	7.64	cps
Potassium	39-2	1541628	1540470	1527147	1536415	0.52	cps
Rhodium	103-1	8400865	8454757	8726378	8527333	2.05	cps
Rhodium	103-2	4588240	4596256	4591455	4591984	0.09	cps
Scandium	45-1	5861600	5916035	5945605	5907747	0.72	cps
Scandium	45-2	396610	394629	396540	395927	0.28	cps
Selenium	82-1	15473	14867	15367	15236	2.12	cps
Selenium	77-2	993	1077	1053	1041	4.13	cps
Selenium	78-2	3584	3354	3406	3448	3.49	cps
Silicon	28-1	2186493	2127333	2174998	2162941	1.45	cps
Silver	109-1	897125	886531	898207	893954	0.72	cps
Silver	107-1	946334	938525	940677	941845	0.43	cps
Sodium	23-2	4275061	4254333	4198123	4242506	0.94	cps
Strontium	86-1	302630	303308	302607	302849	0.13	cps
Strontium	88-1	2630847	2608582	2591832	2610421	0.75	cps
Sulfur	34-1	549323	545968	545733	547008	0.37	cps
Terbium	159-1	13008893	12720328	13007354	12912192	1.29	cps
Terbium	159-2	6899851	6852050	6770578	6840826	0.96	cps
Thallium	203-1	810015	816862	823229	816702	0.81	cps
Thallium	205-1	1937896	1943734	1955695	1945775	0.47	cps
Thorium	232-1	69870	69300	70697	69956	1.00	cps
Tin	118-1	640625	641344	637678	639882	0.30	cps
Titanium	47-1	543563	544091	541426	543027	0.26	cps
Uranium	238-1	2505114	2489005	2487728	2493949	0.39	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-04DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:04:34	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	314332	311348	305983	310554	1.36	cps
Yttrium	89-1	12938799	12791918	12693405	12808041	0.96	cps
Yttrium	89-2	2368048	2370452	2393527	2377343	0.59	cps
Zinc	66-2	115858	116815	113500	115391	1.48	cps
Zirconium	90-1	1536414	1524379	1520627	1527140	0.54	cps
Zirconium	91-1	343523	339451	344256	342410	0.76	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-05DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:08:03 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430702	424585	411844	422377	2.28	cps
Antimony	121-1	823086	816474	819686	819749	0.40	cps
Arsenic	75-2	39721	38946	38878	39181	1.19	cps
Barium	135-1	999997	1000465	990211	996891	0.58	cps
Barium	137-1	1747063	1740289	1732033	1739795	0.43	cps
Beryllium	9-1	143728	144189	142028	143315	0.79	cps
Bismuth	209-1	8264521	8521162	8343271	8376318	1.57	cps
Bismuth	209-2	4429015	4431348	4424337	4428234	0.08	cps
Boron	10-1	17302	17035	17811	17383	2.27	cps
Boron	11-1	85750	85859	84829	85480	0.66	cps
Bromine	81-1	21809	21767	20657	21411	3.05	cps
Bromine	81-2	170	130	170	157	14.74	cps
Cadmium	111-1	224287	221681	219377	221782	1.11	cps
Cadmium	106-1	29481	29598	29473	29517	0.24	cps
Cadmium	108-1	16551	16718	16422	16564	0.90	cps
Calcium	43-1	555637	563263	553422	557441	0.93	cps
Calcium	44-1	8560735	8349744	8415981	8442154	1.28	cps
Chromium	52-2	345542	341240	330617	339133	2.27	cps
Cobalt	59-2	527103	523418	508078	519533	1.94	cps
Copper	63-2	648229	642043	629982	640085	1.45	cps
Dysprosium	156-1	14516	13916	14183	14205	2.12	cps
Dysprosium	156-2	7199	7319	7159	7225	1.15	cps
Erbium	164-1	8987	9120	8536	8881	3.44	cps
Erbium	164-2	4981	4728	4474	4728	5.36	cps
Gadolinium	160-1	11797	11672	11322	11597	2.12	cps
Gadolinium	160-2	6962	6975	6792	6910	1.48	cps
Holmium	165-1	12520750	12664561	12629828	12605046	0.60	cps
Holmium	165-2	6850967	6892591	6809954	6851171	0.60	cps
Indium	115-1	9467636	9251610	9020212	9246486	2.42	cps
Indium	115-2	2248761	2263059	2268264	2260028	0.45	cps
Iron	54-2	1111075	1104790	1070371	1095412	2.00	cps
Iron	56-2	19196790	19289878	18508774	18998481	2.25	cps
Iron	57-2	499493	494532	475145	489723	2.63	cps
Krypton	83-1	960	857	847	888	7.07	cps
Lead	206-1	712857	707767	705237	708620	0.55	cps
Lead	207-1	608576	607453	599405	605145	0.83	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-05DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:08:03 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2493423	2507515	2468977	2489972	0.78	cps
Lithium	6-1	1880783	1905491	1881563	1889279	0.74	cps
Magnesium	24-2	2434493	2431003	2362024	2409174	1.70	cps
Manganese	55-2	694830	694512	671097	686813	1.98	cps
Molybdenum	94-1	1643562	1646365	1617236	1635721	0.98	cps
Molybdenum	95-1	1930469	1923454	1906728	1920217	0.64	cps
Molybdenum	96-1	2150635	2124743	2125932	2133770	0.69	cps
Molybdenum	97-1	1214973	1217960	1203122	1212018	0.65	cps
Molybdenum	98-1	3107072	3087725	3058357	3084385	0.80	cps
Neodymium	150-1	25717	24956	25698	25457	1.70	cps
Neodymium	150-2	11275	11168	10744	11062	2.54	cps
Nickel	60-2	139348	140777	137672	139266	1.12	cps
Phosphorus	31-2	1067	892	733	897	18.58	cps
Potassium	39-2	1492159	1490221	1477428	1486603	0.54	cps
Rhodium	103-1	8568902	8477130	8379141	8475057	1.12	cps
Rhodium	103-2	4569070	4619815	4603700	4597528	0.56	cps
Scandium	45-1	5945305	5824190	5881342	5883613	1.03	cps
Scandium	45-2	395712	392521	393935	394056	0.41	cps
Selenium	82-1	14850	14796	14702	14783	0.50	cps
Selenium	77-2	1017	1073	920	1003	7.73	cps
Selenium	78-2	3284	3315	3323	3307	0.62	cps
Silicon	28-1	2088640	2111249	2133180	2111023	1.05	cps
Silver	109-1	871009	859740	863261	864670	0.67	cps
Silver	107-1	915242	907617	902034	908298	0.73	cps
Sodium	23-2	4144810	4140155	4075018	4119994	0.95	cps
Strontium	86-1	301180	299805	296028	299004	0.89	cps
Strontium	88-1	2570855	2570496	2538094	2559815	0.73	cps
Sulfur	34-1	537416	536413	540216	538015	0.37	cps
Terbium	159-1	12958120	12912492	12569455	12813356	1.66	cps
Terbium	159-2	6827829	6805336	6924963	6852709	0.93	cps
Thallium	203-1	796887	802133	792247	797089	0.62	cps
Thallium	205-1	1901984	1890417	1879212	1890538	0.60	cps
Thorium	232-1	70390	69283	67691	69121	1.96	cps
Tin	118-1	629077	625402	608322	620934	1.78	cps
Titanium	47-1	535452	523667	517701	525607	1.72	cps
Uranium	238-1	2462174	2448760	2406368	2439101	1.19	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-05DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:08:03	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	302729	299842	290987	297853	2.05	cps
Yttrium	89-1	12458591	12838836	12468471	12588633	1.72	cps
Yttrium	89-2	2368010	2363392	2368444	2366615	0.12	cps
Zinc	66-2	113121	111780	109194	111365	1.79	cps
Zirconium	90-1	1486126	1500531	1457559	1481405	1.48	cps
Zirconium	91-1	334215	334090	326020	331441	1.42	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03ADLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:11:33 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	439222	443748	426475	436482	2.05	cps
Antimony	121-1	844305	836527	830717	837183	0.81	cps
Arsenic	75-2	39925	39875	39683	39828	0.32	cps
Barium	135-1	1017614	1011597	1007388	1012200	0.51	cps
Barium	137-1	1768406	1767929	1762761	1766365	0.18	cps
Beryllium	9-1	146493	145602	145416	145837	0.39	cps
Bismuth	209-1	8317078	8398471	8430194	8381914	0.70	cps
Bismuth	209-2	4442634	4472947	4486862	4467481	0.51	cps
Boron	10-1	17118	17619	17961	17566	2.41	cps
Boron	11-1	86589	89599	89522	88570	1.94	cps
Bromine	81-1	20757	21900	20331	20996	3.86	cps
Bromine	81-2	160	120	160	147	15.75	cps
Cadmium	111-1	226877	224327	222820	224675	0.91	cps
Cadmium	106-1	30550	30809	29473	30277	2.34	cps
Cadmium	108-1	17286	17077	17123	17162	0.64	cps
Calcium	43-1	572073	569482	565381	568979	0.59	cps
Calcium	44-1	8635154	8618498	8574970	8609541	0.36	cps
Chromium	52-2	354629	352570	341018	349406	2.10	cps
Cobalt	59-2	536860	530495	522411	529922	1.37	cps
Copper	63-2	665302	658374	650811	658162	1.10	cps
Dysprosium	156-1	14958	15017	14483	14819	1.98	cps
Dysprosium	156-2	7252	7659	7639	7517	3.05	cps
Erbium	164-1	9178	9637	9220	9345	2.71	cps
Erbium	164-2	4838	4951	4444	4744	5.61	cps
Gadolinium	160-1	11347	12006	11881	11744	2.98	cps
Gadolinium	160-2	7012	7055	7122	7063	0.78	cps
Holmium	165-1	12730024	12825891	12637453	12731123	0.74	cps
Holmium	165-2	6807729	6953664	6941303	6900899	1.17	cps
Indium	115-1	9207079	9211705	9072917	9163900	0.86	cps
Indium	115-2	2245728	2258211	2263820	2255919	0.41	cps
Iron	54-2	1139154	1128685	1106255	1124698	1.49	cps
Iron	56-2	19721259	19638889	19334780	19564976	1.04	cps
Iron	57-2	507449	504541	488891	500293	2.00	cps
Krypton	83-1	820	903	830	851	5.35	cps
Lead	206-1	716797	730060	725541	724133	0.93	cps
Lead	207-1	609434	620776	615798	615336	0.92	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-03ADLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC2-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:11:33 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2540228	2564796	2533018	2546014	0.65	cps
Lithium	6-1	1887974	1902620	1890778	1893791	0.41	cps
Magnesium	24-2	2482768	2486749	2435614	2468377	1.15	cps
Manganese	55-2	715147	716658	690910	707572	2.04	cps
Molybdenum	94-1	1680703	1681528	1660321	1674184	0.72	cps
Molybdenum	95-1	1976062	1991642	1968535	1978746	0.60	cps
Molybdenum	96-1	2213337	2189840	2173312	2192163	0.92	cps
Molybdenum	97-1	1237734	1242584	1233739	1238019	0.36	cps
Molybdenum	98-1	3152779	3152930	3157189	3154299	0.08	cps
Neodymium	150-1	26078	26486	26092	26218	0.88	cps
Neodymium	150-2	11672	11325	11058	11351	2.71	cps
Nickel	60-2	144991	144800	142433	144075	0.99	cps
Phosphorus	31-2	850	783	783	806	4.78	cps
Potassium	39-2	1517444	1521096	1509663	1516068	0.39	cps
Rhodium	103-1	8578483	8554832	8535037	8556118	0.25	cps
Rhodium	103-2	4598982	4619389	4631885	4616752	0.36	cps
Scandium	45-1	5966561	5945984	5909581	5940709	0.49	cps
Scandium	45-2	392176	393444	393425	393015	0.18	cps
Selenium	82-1	15006	15148	15195	15116	0.65	cps
Selenium	77-2	987	1020	963	990	2.88	cps
Selenium	78-2	3523	3530	3363	3472	2.71	cps
Silicon	28-1	2107181	2428201	2232828	2256070	7.17	cps
Silver	109-1	890773	882836	889169	887592	0.47	cps
Silver	107-1	932159	938765	943532	938152	0.61	cps
Sodium	23-2	4223358	4200902	4179594	4201285	0.52	cps
Strontium	86-1	300014	306946	296011	300990	1.84	cps
Strontium	88-1	2605429	2616816	2595493	2605913	0.41	cps
Sulfur	34-1	536848	535964	534035	535616	0.27	cps
Terbium	159-1	13054314	12819509	12735951	12869925	1.28	cps
Terbium	159-2	6867427	6745948	6918383	6843919	1.29	cps
Thallium	203-1	818269	821024	815621	818305	0.33	cps
Thallium	205-1	1930201	1950501	1915017	1931906	0.92	cps
Thorium	232-1	70255	70630	71246	70710	0.71	cps
Tin	118-1	638043	638782	634322	637049	0.38	cps
Titanium	47-1	538206	536834	533202	536081	0.48	cps
Uranium	238-1	2488110	2512542	2531767	2510806	0.87	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-03ADLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC2-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:11:33	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	307006	309498	297758	304754	2.03	cps
Yttrium	89-1	12867853	12527777	12683005	12692878	1.34	cps
Yttrium	89-2	2359621	2371807	2390150	2373859	0.65	cps
Zinc	66-2	117014	115478	113812	115435	1.39	cps
Zirconium	90-1	1524492	1498669	1520140	1514434	0.91	cps
Zirconium	91-1	339792	335979	337465	337745	0.57	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-06DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC3-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:15:02 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2990287	3010803	2950213	2983768	1.03	cps
Antimony	121-1	925	650	800	792	17.39	cps
Arsenic	75-2	2437	2563	2522	2508	2.56	cps
Barium	135-1	586823	582583	584994	584800	0.36	cps
Barium	137-1	1014808	1020751	1018429	1017996	0.29	cps
Beryllium	9-1	3162	3295	3378	3278	3.33	cps
Bismuth	209-1	8531580	8464559	8465511	8487217	0.45	cps
Bismuth	209-2	4406694	4377984	4415274	4399984	0.44	cps
Boron	10-1	2909	2942	2884	2911	1.01	cps
Boron	11-1	15083	14891	14366	14780	2.51	cps
Bromine	81-1	26458	26658	27377	26831	1.80	cps
Bromine	81-2	1131	961	1031	1041	8.22	cps
Cadmium	111-1	5599	5572	5926	5699	3.45	cps
Cadmium	106-1	6435	6460	7094	6663	5.60	cps
Cadmium	108-1	329	363	354	349	4.98	cps
Calcium	43-1	1678211	1687217	1698984	1688137	0.62	cps
Calcium	44-1	25263190	25508184	25721796	25497723	0.90	cps
Chromium	52-2	71559	71184	68866	70536	2.07	cps
Cobalt	59-2	79886	79487	79544	79639	0.27	cps
Copper	63-2	66098	66061	66440	66200	0.32	cps
Dysprosium	156-1	95556	94616	94649	94940	0.56	cps
Dysprosium	156-2	48117	47515	47365	47666	0.84	cps
Erbium	164-1	73272	72969	71545	72595	1.27	cps
Erbium	164-2	38186	37728	37388	37767	1.06	cps
Gadolinium	160-1	78449	78382	78969	78600	0.41	cps
Gadolinium	160-2	46361	45943	44883	45729	1.67	cps
Holmium	165-1	12744702	13019857	12916078	12893546	1.08	cps
Holmium	165-2	6869295	6812604	6904832	6862244	0.68	cps
Indium	115-1	9188663	9137560	9403878	9243367	1.53	cps
Indium	115-2	2239875	2255842	2255624	2250447	0.41	cps
Iron	54-2	2307386	2315580	2263214	2295393	1.23	cps
Iron	56-2	40362712	41225337	39563702	40383917	2.06	cps
Iron	57-2	1044312	1051258	1026767	1040779	1.21	cps
Krypton	83-1	997	833	933	921	8.94	cps
Lead	206-1	208870	208400	206037	207769	0.73	cps
Lead	207-1	161573	161225	160666	161154	0.28	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4560-06DLX5 Instrumnet Name : P7
 Client Sample ID : B308-B309-LOC3-SO-00 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:15:02 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	702936	703022	696684	700881	0.52	cps
Lithium	6-1	1895868	1878130	1891220	1888406	0.49	cps
Magnesium	24-2	1229875	1239735	1220481	1230030	0.78	cps
Manganese	55-2	2487723	2496440	2468007	2484057	0.59	cps
Molybdenum	94-1	70976	70340	71922	71079	1.12	cps
Molybdenum	95-1	683	458	542	561	20.27	cps
Molybdenum	96-1	13006	13031	12764	12934	1.14	cps
Molybdenum	97-1	308	350	317	325	6.78	cps
Molybdenum	98-1	1000	858	800	886	11.61	cps
Neodymium	150-1	137281	135188	135933	136134	0.78	cps
Neodymium	150-2	60803	60043	59504	60117	1.09	cps
Nickel	60-2	37535	36977	36415	36975	1.51	cps
Phosphorus	31-2	2517	2325	2284	2375	5.24	cps
Potassium	39-2	1452178	1441060	1467160	1453466	0.90	cps
Rhodium	103-1	8434127	8489897	8561311	8495112	0.75	cps
Rhodium	103-2	4531987	4548508	4581278	4553924	0.55	cps
Scandium	45-1	5928469	5889718	6053828	5957339	1.44	cps
Scandium	45-2	392809	395047	398099	395319	0.67	cps
Selenium	82-1	10	216	35	87	129.99	cps
Selenium	77-2	220	207	247	224	9.07	cps
Selenium	78-2	276	283	322	294	8.46	cps
Silicon	28-1	4555276	4810268	4620857	4662134	2.84	cps
Silver	109-1	1800	1917	1867	1861	3.15	cps
Silver	107-1	2200	2259	2250	2236	1.41	cps
Sodium	23-2	157627	156827	155599	156684	0.65	cps
Strontium	86-1	139444	138604	141356	139802	1.01	cps
Strontium	88-1	1223331	1222905	1223833	1223356	0.04	cps
Sulfur	34-1	531185	530285	534061	531844	0.37	cps
Terbium	159-1	13012743	12904963	13210370	13042692	1.19	cps
Terbium	159-2	6867098	6774542	6909689	6850443	1.01	cps
Thallium	203-1	3867	3551	3642	3687	4.42	cps
Thallium	205-1	8461	8778	8586	8609	1.85	cps
Thorium	232-1	383183	382359	382582	382708	0.11	cps
Tin	118-1	2184	2034	1808	2009	9.41	cps
Titanium	47-1	4976	4909	4184	4690	9.37	cps
Uranium	238-1	12532	12890	12256	12559	2.53	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4560-06DLX5	Instrumnet Name :	P7
Client Sample ID :	B308-B309-LOC3-SO-00	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:15:02	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	53316	53650	52630	53199	0.98	cps
Yttrium	89-1	13591417	13580609	13774913	13648980	0.80	cps
Yttrium	89-2	2513478	2528131	2548765	2530125	0.70	cps
Zinc	66-2	30128	30098	29744	29990	0.71	cps
Zirconium	90-1	194088	192089	192276	192818	0.57	cps
Zirconium	91-1	43935	42639	42288	42954	2.02	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-01DLX5 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC1-SO-0 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:18:32 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1542040	1510678	1477623	1510114	2.13	cps
Antimony	121-1	667	692	700	686	2.53	cps
Arsenic	75-2	6728	6863	6672	6754	1.45	cps
Barium	135-1	231024	233183	231633	231947	0.48	cps
Barium	137-1	409259	401681	398926	403289	1.33	cps
Beryllium	9-1	2256	2017	2334	2202	7.49	cps
Bismuth	209-1	8085985	8054472	7927218	8022558	1.05	cps
Bismuth	209-2	4223835	4248098	4170892	4214275	0.94	cps
Boron	10-1	2292	2550	2425	2422	5.33	cps
Boron	11-1	12647	11863	11521	12011	4.81	cps
Bromine	81-1	23011	23545	24388	23648	2.94	cps
Bromine	81-2	531	521	631	561	10.86	cps
Cadmium	111-1	21214	20907	20490	20870	1.74	cps
Cadmium	106-1	8453	8528	8186	8389	2.14	cps
Cadmium	108-1	1375	1388	1475	1413	3.86	cps
Calcium	43-1	16231690	15779962	16044525	16018726	1.42	cps
Calcium	44-1	257299881	252579164	256487681	255455575	0.99	cps
Chromium	52-2	153556	149780	145640	149659	2.65	cps
Cobalt	59-2	53664	53219	52316	53067	1.29	cps
Copper	63-2	88150	88478	86842	87823	0.99	cps
Dysprosium	156-1	97805	92870	94775	95150	2.62	cps
Dysprosium	156-2	52908	51834	49321	51354	3.58	cps
Erbium	164-1	88695	86985	87890	87856	0.97	cps
Erbium	164-2	46783	46274	44492	45850	2.62	cps
Gadolinium	160-1	93610	91614	90028	91751	1.96	cps
Gadolinium	160-2	54491	53832	51787	53370	2.64	cps
Holmium	165-1	12773525	12676380	12866191	12772032	0.74	cps
Holmium	165-2	6866944	6933987	6939923	6913618	0.59	cps
Indium	115-1	9120629	9038800	9103078	9087502	0.47	cps
Indium	115-2	2246023	2264708	2240500	2250410	0.56	cps
Iron	54-2	3546050	3466166	3396582	3469599	2.16	cps
Iron	56-2	62111468	62109144	59424147	61214920	2.53	cps
Iron	57-2	1672335	1675249	1616119	1654568	2.01	cps
Krypton	83-1	907	970	913	930	3.74	cps
Lead	206-1	551754	544359	544232	546781	0.79	cps
Lead	207-1	443708	433026	428944	435226	1.75	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:18:32	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1879203	1858456	1848962	1862207	0.83	cps
Lithium	6-1	1916118	1888009	1891301	1898476	0.81	cps
Magnesium	24-2	1089827	1080990	1040732	1070517	2.44	cps
Manganese	55-2	2717822	2698844	2605264	2673977	2.25	cps
Molybdenum	94-1	95593	94083	95282	94986	0.84	cps
Molybdenum	95-1	1300	1242	1333	1292	3.59	cps
Molybdenum	96-1	17319	17036	17252	17202	0.86	cps
Molybdenum	97-1	733	767	775	758	2.91	cps
Molybdenum	98-1	2017	1984	2275	2092	7.63	cps
Neodymium	150-1	138169	139347	135363	137626	1.49	cps
Neodymium	150-2	62199	61108	59665	60991	2.08	cps
Nickel	60-2	31280	31724	30214	31073	2.50	cps
Phosphorus	31-2	30031	28620	28912	29187	2.55	cps
Potassium	39-2	803998	799878	789740	797872	0.92	cps
Rhodium	103-1	8297837	8232217	8208691	8246249	0.56	cps
Rhodium	103-2	4458592	4477304	4390048	4441981	1.03	cps
Scandium	45-1	6132957	6063269	6009911	6068712	1.02	cps
Scandium	45-2	414511	411714	410403	412209	0.51	cps
Selenium	82-1	262	231	232	242	7.32	cps
Selenium	77-2	283	277	207	256	16.62	cps
Selenium	78-2	281	341	315	312	9.51	cps
Silicon	28-1	5075823	4992188	4920099	4996036	1.56	cps
Silver	109-1	1292	1183	1158	1211	5.85	cps
Silver	107-1	1500	1400	1500	1467	3.94	cps
Sodium	23-2	200496	198201	192933	197210	1.97	cps
Strontium	86-1	1459320	1430685	1422854	1437620	1.34	cps
Strontium	88-1	12647756	12619175	12448778	12571903	0.86	cps
Sulfur	34-1	586534	594983	596354	592624	0.90	cps
Terbium	159-1	12836482	12688257	12772171	12765637	0.58	cps
Terbium	159-2	6848707	6978761	6694505	6840657	2.08	cps
Thallium	203-1	2134	2134	2192	2153	1.56	cps
Thallium	205-1	5185	4618	5184	4996	6.55	cps
Thorium	232-1	157755	154298	155026	155693	1.17	cps
Tin	118-1	1967	1909	2150	2009	6.28	cps
Titanium	47-1	7344	7135	7527	7335	2.67	cps
Uranium	238-1	42063	41979	42731	42258	0.98	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:18:32	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	185517	180153	179278	181649	1.86	cps
Yttrium	89-1	14093976	13852804	13865976	13937585	0.97	cps
Yttrium	89-2	2649610	2655991	2618703	2641435	0.76	cps
Zinc	66-2	80480	80336	77950	79588	1.79	cps
Zirconium	90-1	260649	255314	252142	256035	1.68	cps
Zirconium	91-1	57633	56562	57591	57262	1.06	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-02DLX5 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC2-SO-0 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:22:03 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1861106	1866533	1817854	1848498	1.44	cps
Antimony	121-1	392	408	233	344	28.04	cps
Arsenic	75-2	5186	5190	5056	5144	1.48	cps
Barium	135-1	463407	458728	455726	459287	0.84	cps
Barium	137-1	795640	790759	791425	792608	0.33	cps
Beryllium	9-1	2406	2234	2467	2369	5.11	cps
Bismuth	209-1	8104007	8085747	8106565	8098773	0.14	cps
Bismuth	209-2	4260721	4277922	4371276	4303306	1.38	cps
Boron	10-1	1850	1925	1992	1922	3.69	cps
Boron	11-1	9228	8886	8861	8992	2.28	cps
Bromine	81-1	22610	23111	24096	23272	3.25	cps
Bromine	81-2	571	430	440	481	16.27	cps
Cadmium	111-1	6032	6385	5963	6127	3.69	cps
Cadmium	106-1	6243	6485	6143	6290	2.79	cps
Cadmium	108-1	275	192	250	239	17.90	cps
Calcium	43-1	13670798	13595980	13495580	13587453	0.65	cps
Calcium	44-1	217275272	221925663	221606872	220269269	1.18	cps
Chromium	52-2	78614	78742	76480	77945	1.63	cps
Cobalt	59-2	74524	74190	74277	74330	0.23	cps
Copper	63-2	70341	71500	69326	70389	1.55	cps
Dysprosium	156-1	65473	64317	64904	64898	0.89	cps
Dysprosium	156-2	35205	35960	33307	34824	3.93	cps
Erbium	164-1	56860	56383	55254	56166	1.47	cps
Erbium	164-2	29722	29655	28987	29455	1.38	cps
Gadolinium	160-1	58910	59312	60149	59457	1.06	cps
Gadolinium	160-2	35061	34734	33892	34562	1.75	cps
Holmium	165-1	12930223	12577844	12663780	12723949	1.44	cps
Holmium	165-2	7025171	7096003	6984863	7035346	0.80	cps
Indium	115-1	9332634	9376343	9134605	9281194	1.39	cps
Indium	115-2	2269544	2286116	2312396	2289352	0.94	cps
Iron	54-2	3186488	3185405	3120977	3164290	1.19	cps
Iron	56-2	55859735	55942290	55737743	55846589	0.18	cps
Iron	57-2	1509017	1515289	1488148	1504151	0.94	cps
Krypton	83-1	877	1083	923	961	11.28	cps
Lead	206-1	190227	191135	192238	191200	0.53	cps
Lead	207-1	148219	148846	146239	147768	0.92	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-02DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC2-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:22:03	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	634652	646628	640967	640749	0.93	cps
Lithium	6-1	1910720	1901022	1875484	1895742	0.96	cps
Magnesium	24-2	1374824	1365229	1337762	1359271	1.42	cps
Manganese	55-2	2202433	2200087	2165235	2189252	0.95	cps
Molybdenum	94-1	40617	40784	41494	40965	1.14	cps
Molybdenum	95-1	900	817	950	889	7.58	cps
Molybdenum	96-1	7569	8303	8286	8052	5.20	cps
Molybdenum	97-1	542	558	425	508	14.29	cps
Molybdenum	98-1	1108	1308	1283	1233	8.84	cps
Neodymium	150-1	96333	97206	95681	96407	0.79	cps
Neodymium	150-2	43776	42769	41934	42826	2.15	cps
Nickel	60-2	36689	37421	35857	36656	2.13	cps
Phosphorus	31-2	3909	3942	3684	3845	3.66	cps
Potassium	39-2	1000307	1008715	1003939	1004320	0.42	cps
Rhodium	103-1	8206775	8334986	8336960	8292907	0.90	cps
Rhodium	103-2	4486562	4498059	4490488	4491703	0.13	cps
Scandium	45-1	6226881	6177627	6098551	6167687	1.05	cps
Scandium	45-2	413468	416127	417625	415740	0.51	cps
Selenium	82-1	251	-6	184	143	92.93	cps
Selenium	77-2	163	160	167	163	2.04	cps
Selenium	78-2	257	230	285	257	10.79	cps
Silicon	28-1	5537399	5471595	5518633	5509209	0.62	cps
Silver	109-1	633	750	783	722	10.91	cps
Silver	107-1	1075	875	1050	1000	10.90	cps
Sodium	23-2	123807	123135	123656	123533	0.29	cps
Strontium	86-1	542733	543751	542942	543142	0.10	cps
Strontium	88-1	4680785	4698144	4692966	4690632	0.19	cps
Sulfur	34-1	589737	589946	592208	590631	0.23	cps
Terbium	159-1	13193452	12923683	13009889	13042341	1.06	cps
Terbium	159-2	6829294	6887767	6986838	6901300	1.15	cps
Thallium	203-1	2534	2700	2917	2717	7.08	cps
Thallium	205-1	6335	5835	6018	6063	4.17	cps
Thorium	232-1	226296	224836	221955	224362	0.98	cps
Tin	118-1	1609	1308	1442	1453	10.35	cps
Titanium	47-1	3584	3159	3325	3356	6.39	cps
Uranium	238-1	45666	46503	46110	46093	0.91	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-02DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC2-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:22:03	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	137368	139659	134711	137246	1.80	cps
Yttrium	89-1	13666782	13241902	13516477	13475054	1.60	cps
Yttrium	89-2	2557594	2578375	2573206	2569725	0.42	cps
Zinc	66-2	27008	26978	25936	26641	2.29	cps
Zirconium	90-1	109273	109566	108928	109256	0.29	cps
Zirconium	91-1	24305	23946	24271	24174	0.82	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-03DLX5 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC3-SO-0 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:25:34 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3670765	3647124	3577933	3631941	1.33	cps
Antimony	121-1	317	300	192	269	25.19	cps
Arsenic	75-2	2774	2708	2856	2779	2.67	cps
Barium	135-1	561227	554931	550536	555565	0.97	cps
Barium	137-1	976586	958090	959636	964771	1.06	cps
Beryllium	9-1	4167	3728	3617	3838	7.58	cps
Bismuth	209-1	8325045	8319759	8516451	8387085	1.34	cps
Bismuth	209-2	4471122	4425279	4416584	4437662	0.66	cps
Boron	10-1	1658	1575	1692	1642	3.66	cps
Boron	11-1	8311	8219	7777	8102	3.52	cps
Bromine	81-1	28003	27861	29147	28337	2.49	cps
Bromine	81-2	1071	1131	1111	1105	2.77	cps
Cadmium	111-1	6400	6141	6212	6251	2.14	cps
Cadmium	106-1	6793	6552	6677	6674	1.81	cps
Cadmium	108-1	371	404	363	379	5.82	cps
Calcium	43-1	4037305	4055454	3997696	4030152	0.73	cps
Calcium	44-1	61817464	61803841	61673366	61764890	0.13	cps
Chromium	52-2	105037	105004	103543	104528	0.82	cps
Cobalt	59-2	88233	87385	85262	86960	1.76	cps
Copper	63-2	89863	87707	85615	87728	2.42	cps
Dysprosium	156-1	114089	109097	108795	110661	2.69	cps
Dysprosium	156-2	57282	57188	55826	56765	1.44	cps
Erbium	164-1	87991	86800	85467	86753	1.46	cps
Erbium	164-2	46525	45960	44753	45746	1.98	cps
Gadolinium	160-1	94886	96144	95036	95356	0.72	cps
Gadolinium	160-2	55023	54568	52406	53999	2.59	cps
Holmium	165-1	13101009	12666811	13089380	12952400	1.91	cps
Holmium	165-2	7166306	6969672	7087162	7074380	1.40	cps
Indium	115-1	9436470	9358737	9512082	9435763	0.81	cps
Indium	115-2	2333087	2314146	2331876	2326370	0.46	cps
Iron	54-2	3099741	3059196	3018740	3059226	1.32	cps
Iron	56-2	55241650	54310876	53522028	54358185	1.58	cps
Iron	57-2	1421515	1402957	1378577	1401016	1.54	cps
Krypton	83-1	937	910	1043	963	7.32	cps
Lead	206-1	370224	369061	367916	369067	0.31	cps
Lead	207-1	291238	286167	285408	287604	1.10	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-03DLX5 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC3-SO-0 Dilution Factor : 5
 Date & Time Acquired :: 2020-10-30 13:25:34 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1241971	1233330	1240453	1238585	0.37	cps
Lithium	6-1	1902374	1885365	1890329	1892689	0.46	cps
Magnesium	24-2	1386025	1386508	1369289	1380607	0.71	cps
Manganese	55-2	1714182	1692022	1676525	1694243	1.12	cps
Molybdenum	94-1	59365	59633	58322	59106	1.17	cps
Molybdenum	95-1	242	442	400	361	29.22	cps
Molybdenum	96-1	10663	10312	10446	10474	1.69	cps
Molybdenum	97-1	192	250	242	228	13.85	cps
Molybdenum	98-1	442	517	358	439	18.05	cps
Neodymium	150-1	165370	160000	160899	162090	1.77	cps
Neodymium	150-2	73846	72777	70995	72539	1.99	cps
Nickel	60-2	46537	45216	43925	45226	2.89	cps
Phosphorus	31-2	3000	2967	2684	2884	6.04	cps
Potassium	39-2	1650519	1655694	1658312	1654842	0.24	cps
Rhodium	103-1	8718036	8638055	8666546	8674212	0.47	cps
Rhodium	103-2	4705349	4672430	4663185	4680321	0.47	cps
Scandium	45-1	6135634	6177280	6253113	6188676	0.96	cps
Scandium	45-2	416380	414640	416952	415991	0.29	cps
Selenium	82-1	139	180	63	127	46.76	cps
Selenium	77-2	287	270	283	280	3.15	cps
Selenium	78-2	326	322	370	340	7.89	cps
Silicon	28-1	5575189	5444204	5484322	5501238	1.22	cps
Silver	109-1	3225	3534	3200	3320	5.59	cps
Silver	107-1	3651	3701	3392	3581	4.62	cps
Sodium	23-2	214833	212365	215281	214160	0.73	cps
Strontium	86-1	326039	327749	326527	326772	0.27	cps
Strontium	88-1	2877430	2833005	2811335	2840590	1.19	cps
Sulfur	34-1	570183	565147	556608	563979	1.22	cps
Terbium	159-1	13539306	13233241	13206465	13326337	1.39	cps
Terbium	159-2	7065359	6851760	6864314	6927144	1.73	cps
Thallium	203-1	3501	3401	3517	3473	1.82	cps
Thallium	205-1	9053	8728	8294	8692	4.38	cps
Thorium	232-1	400911	394095	395330	396779	0.92	cps
Tin	118-1	1158	1242	1250	1217	4.17	cps
Titanium	47-1	2834	2525	2684	2681	5.76	cps
Uranium	238-1	17087	16703	16620	16803	1.48	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03DLX5	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	5
Date & Time Acquired ::	2020-10-30 13:25:34	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63804	63352	61236	62797	2.18	cps
Yttrium	89-1	14227913	14019198	14293381	14180164	1.01	cps
Yttrium	89-2	2703763	2656633	2671597	2677331	0.90	cps
Zinc	66-2	75983	76030	74569	75527	1.10	cps
Zirconium	90-1	160574	159958	157802	159445	0.91	cps
Zirconium	91-1	37224	36840	35795	36620	2.02	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:44:44	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5732446	5700757	5677440	5703548	0.48	cps
Antimony	121-1	3903554	3891047	3930011	3908204	0.51	cps
Arsenic	75-2	187341	185231	186351	186308	0.57	cps
Barium	135-1	4821343	4855214	4911474	4862677	0.94	cps
Barium	137-1	8642552	8672010	8809787	8708116	1.03	cps
Beryllium	9-1	664201	658507	662255	661654	0.44	cps
Bismuth	209-1	7450821	7483028	7531604	7488485	0.54	cps
Bismuth	209-2	3911895	3887153	3890352	3896466	0.35	cps
Boron	10-1	78411	79718	78444	78858	0.94	cps
Boron	11-1	385639	386632	393362	388544	1.08	cps
Bromine	81-1	21049	20557	20924	20843	1.23	cps
Bromine	81-2	80	130	150	120	30.05	cps
Cadmium	111-1	1073588	1068919	1071000	1071169	0.22	cps
Cadmium	106-1	126047	122720	124855	124541	1.35	cps
Cadmium	108-1	81905	83845	83217	82989	1.19	cps
Calcium	43-1	5813079	5702820	5707717	5741205	1.09	cps
Calcium	44-1	92799092	91109596	90642248	91516978	1.24	cps
Chromium	52-2	1651692	1648081	1659169	1652981	0.34	cps
Cobalt	59-2	2480075	2486247	2465264	2477195	0.44	cps
Copper	63-2	18097925	17872458	17980069	17983484	0.63	cps
Dysprosium	156-1	450	383	533	456	16.50	cps
Dysprosium	156-2	293	267	240	267	10.00	cps
Erbium	164-1	75	125	158	119	35.12	cps
Erbium	164-2	63	50	53	56	12.49	cps
Gadolinium	160-1	400	392	417	403	3.16	cps
Gadolinium	160-2	330	350	370	350	5.71	cps
Holmium	165-1	11889421	12157676	12152491	12066529	1.27	cps
Holmium	165-2	6176582	6154955	6225362	6185633	0.58	cps
Indium	115-1	8621190	8553137	8706888	8627071	0.89	cps
Indium	115-2	2102575	2113553	2121573	2112567	0.45	cps
Iron	54-2	17479722	17424869	17392738	17432443	0.25	cps
Iron	56-2	322056896	320888585	319645874	320863785	0.38	cps
Iron	57-2	7963721	8039957	7856563	7953414	1.16	cps
Krypton	83-1	813	767	787	789	2.97	cps
Lead	206-1	17291408	17526251	17528509	17448723	0.78	cps
Lead	207-1	15420795	15405192	15465824	15430604	0.20	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:44:44	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	61720491	62294816	62419958	62145088	0.60	cps
Lithium	6-1	1733596	1706195	1699755	1713182	1.05	cps
Magnesium	24-2	64115501	63630039	63722293	63822611	0.40	cps
Manganese	55-2	10386367	10366557	10345059	10365994	0.20	cps
Molybdenum	94-1	8303711	8213703	8327062	8281492	0.72	cps
Molybdenum	95-1	10081649	9956907	10105039	10047865	0.79	cps
Molybdenum	96-1	11146897	11192203	11070865	11136655	0.55	cps
Molybdenum	97-1	6317328	6230897	6220086	6256104	0.85	cps
Molybdenum	98-1	16121604	15974936	16136155	16077565	0.55	cps
Neodymium	150-1	440	413	480	444	7.55	cps
Neodymium	150-2	63	83	67	71	15.07	cps
Nickel	60-2	642645	639820	641790	641418	0.23	cps
Phosphorus	31-2	76990	75164	76546	76233	1.25	cps
Potassium	39-2	33369532	33369731	33771258	33503507	0.69	cps
Rhodium	103-1	7781164	7856824	7766900	7801629	0.62	cps
Rhodium	103-2	4182257	4212068	4231587	4208637	0.59	cps
Scandium	45-1	5735656	5705776	5709891	5717108	0.28	cps
Scandium	45-2	398271	394866	399734	397623	0.63	cps
Selenium	82-1	73113	72285	72354	72584	0.63	cps
Selenium	77-2	4784	4908	4984	4892	2.06	cps
Selenium	78-2	16660	16654	16242	16519	1.45	cps
Silicon	28-1	3925335	3976333	4094274	3998647	2.17	cps
Silver	109-1	4383548	4420088	4435327	4412987	0.60	cps
Silver	107-1	4613643	4600598	4604394	4606211	0.15	cps
Sodium	23-2	109437598	108591511	108313238	108780782	0.54	cps
Strontium	86-1	1322757	1327067	1339962	1329929	0.67	cps
Strontium	88-1	11720375	11529262	11680411	11643349	0.87	cps
Sulfur	34-1	916939	913057	919900	916632	0.37	cps
Terbium	159-1	12267878	12317580	12419614	12335024	0.63	cps
Terbium	159-2	6330614	6474133	6163774	6322841	2.46	cps
Thallium	203-1	3639376	3607482	3670776	3639211	0.87	cps
Thallium	205-1	9589566	9535744	9709984	9611765	0.93	cps
Thorium	232-1	14590162	14826178	14377783	14598041	1.54	cps
Tin	118-1	3105899	3110081	3120430	3112136	0.24	cps
Titanium	47-1	2788148	2782923	2783259	2784777	0.11	cps
Uranium	238-1	13687371	13537337	13245227	13489978	1.67	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:44:44	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1427778	1417807	1424146	1423244	0.35	cps
Yttrium	89-1	12158423	11906769	12181702	12082298	1.26	cps
Yttrium	89-2	2282055	2292042	2296104	2290067	0.32	cps
Zinc	66-2	3056625	3034713	3048151	3046496	0.36	cps
Zirconium	90-1	6978819	6944666	6937755	6953747	0.32	cps
Zirconium	91-1	1558582	1545259	1556792	1553544	0.47	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:50:39	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	150	183	178	14.32	cps
Antimony	121-1	508	500	608	539	11.19	cps
Arsenic	75-2	4	9	13	9	53.95	cps
Barium	135-1	67	108	58	78	34.44	cps
Barium	137-1	92	125	108	108	15.38	cps
Beryllium	9-1	67	61	67	65	4.95	cps
Bismuth	209-1	8100189	7577581	8054992	7910921	3.66	cps
Bismuth	209-2	4324368	4281678	4217399	4274482	1.26	cps
Boron	10-1	2892	2709	2784	2795	3.30	cps
Boron	11-1	14182	14132	13556	13957	2.49	cps
Bromine	81-1	20440	21692	21124	21085	2.97	cps
Bromine	81-2	90	110	80	93	16.37	cps
Cadmium	111-1	3381	3448	3469	3433	1.34	cps
Cadmium	106-1	4793	4934	4943	4890	1.72	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	300	333	250	294	14.25	cps
Calcium	44-1	15342	16193	15951	15828	2.77	cps
Chromium	52-2	1247	1187	1257	1230	3.08	cps
Cobalt	59-2	50	57	47	51	9.96	cps
Copper	63-2	2047	2130	1967	2048	3.99	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	42	33	83	53	50.76	cps
Erbium	164-2	23	33	20	26	27.15	cps
Gadolinium	160-1	67	83	75	75	11.11	cps
Gadolinium	160-2	170	140	130	147	14.19	cps
Holmium	165-1	12233813	11677231	12375299	12095448	3.05	cps
Holmium	165-2	6821342	6648596	6612919	6694285	1.67	cps
Indium	115-1	9158786	8685928	9114614	8986443	2.91	cps
Indium	115-2	2300564	2267503	2224631	2264233	1.68	cps
Iron	54-2	1812	1712	1932	1819	6.06	cps
Iron	56-2	12622	12300	12266	12396	1.59	cps
Iron	57-2	606	617	589	604	2.32	cps
Krypton	83-1	907	713	873	831	12.44	cps
Lead	206-1	2206	2078	2211	2165	3.48	cps
Lead	207-1	1906	1845	1667	1806	6.87	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 13:50:39 DataFile Name : 052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	7682	7307	7145	7378	3.73	cps
Lithium	6-1	1730967	1654328	1740116	1708471	2.76	cps
Magnesium	24-2	1075	750	950	925	17.72	cps
Manganese	55-2	180	237	243	220	15.82	cps
Molybdenum	94-1	458	483	292	411	25.34	cps
Molybdenum	95-1	300	383	300	328	14.68	cps
Molybdenum	96-1	300	250	300	283	10.19	cps
Molybdenum	97-1	158	183	183	175	8.25	cps
Molybdenum	98-1	367	433	400	400	8.33	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	100	123	103	109	11.59	cps
Phosphorus	31-2	192	183	208	194	6.55	cps
Potassium	39-2	77778	81264	80393	79812	2.27	cps
Rhodium	103-1	8307694	8075283	8300610	8227862	1.61	cps
Rhodium	103-2	4698179	4654898	4554212	4635763	1.59	cps
Scandium	45-1	5739972	5470144	5711677	5640597	2.63	cps
Scandium	45-2	410723	410604	399866	407065	1.53	cps
Selenium	82-1	-115	169	-31	8	1934.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	161	180	141	160	12.12	cps
Silicon	28-1	732421	725128	731494	729681	0.54	cps
Silver	109-1	342	367	325	344	6.09	cps
Silver	107-1	342	375	392	369	6.89	cps
Sodium	23-2	33563	33571	32427	33187	1.98	cps
Strontium	86-1	1367	1317	1642	1442	12.14	cps
Strontium	88-1	300	233	325	286	16.56	cps
Sulfur	34-1	551184	547218	547328	548577	0.41	cps
Terbium	159-1	12334442	11985453	12286617	12202171	1.55	cps
Terbium	159-2	6726731	6573833	6647415	6649326	1.15	cps
Thallium	203-1	108	67	125	100	30.04	cps
Thallium	205-1	250	258	242	250	3.33	cps
Thorium	232-1	1122	989	1356	1156	16.06	cps
Tin	118-1	1033	917	1008	986	6.23	cps
Titanium	47-1	142	125	142	136	7.07	cps
Uranium	238-1	183	175	67	142	45.94	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 13:50:39	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	23	23	24	7.89	cps
Yttrium	89-1	12264532	11801881	12178670	12081695	2.04	cps
Yttrium	89-2	2382562	2384092	2333962	2366872	1.20	cps
Zinc	66-2	567	523	593	561	6.30	cps
Zirconium	90-1	933	650	833	806	17.84	cps
Zirconium	91-1	175	208	142	175	19.05	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 13:56:56	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305470	300436	285160	297022	3.56	cps
Antimony	121-1	500	467	433	467	7.14	cps
Arsenic	75-2	1441	1278	1230	1316	8.41	cps
Barium	135-1	45483	43744	44865	44697	1.97	cps
Barium	137-1	78002	78714	77735	78150	0.65	cps
Beryllium	9-1	417	428	467	437	6.01	cps
Bismuth	209-1	8193659	8087471	8018358	8099829	1.09	cps
Bismuth	209-2	4272518	4238637	4263408	4258188	0.41	cps
Boron	10-1	1792	1992	1633	1806	9.95	cps
Boron	11-1	9228	9195	8953	9125	1.65	cps
Bromine	81-1	22526	22101	22176	22268	1.02	cps
Bromine	81-2	220	210	150	194	19.58	cps
Cadmium	111-1	7163	7124	7048	7112	0.82	cps
Cadmium	106-1	5768	5843	5835	5815	0.71	cps
Cadmium	108-1	250	321	225	265	18.74	cps
Calcium	43-1	3240541	3173926	3223877	3212781	1.08	cps
Calcium	44-1	49811991	48365373	48350221	48842528	1.72	cps
Chromium	52-2	31310	30749	30087	30715	1.99	cps
Cobalt	59-2	10637	10567	10287	10497	1.77	cps
Copper	63-2	24073	23753	23506	23777	1.20	cps
Dysprosium	156-1	17628	18313	18121	18021	1.96	cps
Dysprosium	156-2	10281	10007	9560	9949	3.66	cps
Erbium	164-1	16986	16752	16994	16911	0.81	cps
Erbium	164-2	8986	9063	8476	8842	3.61	cps
Gadolinium	160-1	17445	17628	17779	17617	0.95	cps
Gadolinium	160-2	10688	10611	10221	10506	2.38	cps
Holmium	165-1	12508264	12385498	12223176	12372313	1.16	cps
Holmium	165-2	6830960	6842074	6757292	6810109	0.68	cps
Indium	115-1	9171581	9162527	9172448	9168852	0.06	cps
Indium	115-2	2275974	2265105	2295065	2278715	0.67	cps
Iron	54-2	700346	688069	672112	686843	2.06	cps
Iron	56-2	12516153	12045430	11793178	12118254	3.03	cps
Iron	57-2	335594	326018	321051	327554	2.26	cps
Krypton	83-1	933	943	870	916	4.34	cps
Lead	206-1	107872	106998	107339	107403	0.41	cps
Lead	207-1	86437	86016	85096	85850	0.80	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-01DL2X25 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC1-SO-0 Dilution Factor : 25
 Date & Time Acquired :: 2020-10-30 13:56:56 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	364561	363432	361766	363253	0.39	cps
Lithium	6-1	1769233	1795319	1783121	1782558	0.73	cps
Magnesium	24-2	215123	215324	205000	211816	2.79	cps
Manganese	55-2	539071	521463	510657	523730	2.74	cps
Molybdenum	94-1	18696	18387	18904	18663	1.39	cps
Molybdenum	95-1	475	558	617	550	12.95	cps
Molybdenum	96-1	3734	4176	3609	3840	7.76	cps
Molybdenum	97-1	442	350	267	353	24.81	cps
Molybdenum	98-1	867	933	1017	939	8.01	cps
Neodymium	150-1	27060	26259	25691	26337	2.61	cps
Neodymium	150-2	12035	11989	11165	11729	4.18	cps
Nickel	60-2	6468	6338	6281	6363	1.50	cps
Phosphorus	31-2	5801	5651	5901	5785	2.18	cps
Potassium	39-2	217429	216600	218992	217673	0.56	cps
Rhodium	103-1	8502821	8461359	8426183	8463454	0.45	cps
Rhodium	103-2	4557665	4552637	4620588	4576963	0.83	cps
Scandium	45-1	5998032	5903448	5900767	5934082	0.93	cps
Scandium	45-2	410241	410204	415133	411859	0.69	cps
Selenium	82-1	-51	0	87	12	578.85	cps
Selenium	77-2	43	60	40	48	22.43	cps
Selenium	78-2	224	206	206	212	5.05	cps
Silicon	28-1	1609523	1671563	1587400	1622829	2.69	cps
Silver	109-1	558	583	475	539	10.53	cps
Silver	107-1	533	542	608	561	7.33	cps
Sodium	23-2	63526	64472	63769	63922	0.77	cps
Strontium	86-1	280859	283595	279252	281235	0.78	cps
Strontium	88-1	2399569	2421597	2394873	2405346	0.59	cps
Sulfur	34-1	581928	586542	594099	587523	1.05	cps
Terbium	159-1	12477297	12580384	12688107	12581929	0.84	cps
Terbium	159-2	6683010	6785249	6844444	6770901	1.21	cps
Thallium	203-1	517	533	500	517	3.23	cps
Thallium	205-1	1200	1233	1183	1206	2.11	cps
Thorium	232-1	29774	30275	29000	29683	2.16	cps
Tin	118-1	1200	1150	1108	1153	3.99	cps
Titanium	47-1	1884	1558	1859	1767	10.24	cps
Uranium	238-1	8011	8370	8220	8200	2.20	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-01DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC1-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 13:56:56	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	36308	35873	34323	35501	2.94	cps
Yttrium	89-1	12700595	12837971	12575298	12704621	1.03	cps
Yttrium	89-2	2430174	2422320	2459459	2437318	0.80	cps
Zinc	66-2	17100	16690	16760	16850	1.30	cps
Zirconium	90-1	49686	49887	51000	50191	1.41	cps
Zirconium	91-1	10804	11013	10829	10882	1.05	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-03DL2X25 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC3-SO-0 Dilution Factor : 25
 Date & Time Acquired :: 2020-10-30 14:00:25 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	217	108	142	45.94	cps
Antimony	121-1	92	83	225	133	59.62	cps
Arsenic	75-2	4	4	11	6	69.34	cps
Barium	135-1	42	33	67	47	36.74	cps
Barium	137-1	83	83	67	78	12.37	cps
Beryllium	9-1	50	39	50	46	13.85	cps
Bismuth	209-1	8006588	7988774	8076159	8023840	0.58	cps
Bismuth	209-2	4299582	4306865	4292052	4299500	0.17	cps
Boron	10-1	1442	1417	1333	1397	4.06	cps
Boron	11-1	7510	7552	7685	7583	1.21	cps
Bromine	81-1	21792	21441	21825	21686	0.98	cps
Bromine	81-2	60	60	80	67	17.32	cps
Cadmium	111-1	3544	3529	3519	3531	0.34	cps
Cadmium	106-1	5051	5034	5026	5037	0.25	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	333	292	283	303	8.85	cps
Calcium	44-1	17452	17160	16793	17135	1.93	cps
Chromium	52-2	1190	1153	1147	1163	2.01	cps
Cobalt	59-2	20	40	43	34	36.64	cps
Copper	63-2	1377	1270	1360	1336	4.30	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	67	33	75	58	37.80	cps
Erbium	164-2	30	7	17	18	65.83	cps
Gadolinium	160-1	142	92	150	128	24.69	cps
Gadolinium	160-2	100	113	213	142	43.55	cps
Holmium	165-1	12339975	12420574	12267116	12342555	0.62	cps
Holmium	165-2	6750488	6656902	6797885	6735092	1.07	cps
Indium	115-1	9172821	9322657	9097885	9197788	1.24	cps
Indium	115-2	2267569	2270390	2274122	2270694	0.14	cps
Iron	54-2	1512	1642	1672	1608	5.29	cps
Iron	56-2	10787	11516	11204	11169	3.27	cps
Iron	57-2	600	567	506	557	8.59	cps
Krypton	83-1	897	840	873	870	3.27	cps
Lead	206-1	583	628	717	643	10.57	cps
Lead	207-1	539	644	567	583	9.38	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : L4561-03DL2X25 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC3-SO-0 Dilution Factor : 25
 Date & Time Acquired :: 2020-10-30 14:00:25 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2153	2167	2311	2210	3.97	cps
Lithium	6-1	1769211	1753212	1773881	1765435	0.61	cps
Magnesium	24-2	517	483	617	539	12.88	cps
Manganese	55-2	170	163	163	166	2.32	cps
Molybdenum	94-1	275	333	367	325	14.28	cps
Molybdenum	95-1	108	108	67	94	25.47	cps
Molybdenum	96-1	133	133	158	142	10.19	cps
Molybdenum	97-1	58	33	25	39	44.61	cps
Molybdenum	98-1	167	108	108	128	26.35	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	110	77	96	17.90	cps
Phosphorus	31-2	167	225	217	203	15.56	cps
Potassium	39-2	77284	76732	75383	76466	1.28	cps
Rhodium	103-1	8613700	8481918	8518039	8537886	0.80	cps
Rhodium	103-2	4640294	4654270	4661453	4652005	0.23	cps
Scandium	45-1	5858341	5808007	5884712	5850354	0.67	cps
Scandium	45-2	404159	405342	401268	403590	0.52	cps
Selenium	82-1	-130	83	-1	-16	-685.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	170	156	154	160	5.71	cps
Silicon	28-1	755848	803873	880931	813551	7.76	cps
Silver	109-1	133	192	200	175	20.76	cps
Silver	107-1	217	200	233	217	7.69	cps
Sodium	23-2	27951	27751	28344	28015	1.08	cps
Strontium	86-1	1433	1375	1475	1428	3.52	cps
Strontium	88-1	208	250	308	256	19.65	cps
Sulfur	34-1	582541	595501	595216	591086	1.25	cps
Terbium	159-1	12563597	12614670	12290373	12489546	1.40	cps
Terbium	159-2	6594233	6687901	6758874	6680336	1.24	cps
Thallium	203-1	58	67	8	44	70.99	cps
Thallium	205-1	58	108	175	114	51.40	cps
Thorium	232-1	506	606	644	585	12.24	cps
Tin	118-1	683	725	792	733	7.45	cps
Titanium	47-1	175	125	183	161	19.58	cps
Uranium	238-1	58	42	58	53	18.23	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	L4561-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 14:00:25	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	17	13	14	13.35	cps
Yttrium	89-1	12316422	12339685	12203351	12286486	0.59	cps
Yttrium	89-2	2359550	2359603	2369428	2362860	0.24	cps
Zinc	66-2	443	490	543	492	10.17	cps
Zirconium	90-1	783	867	708	786	10.08	cps
Zirconium	91-1	125	200	150	158	24.12	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 14:14:09	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5641661	5756595	5684519	5694258	1.02	cps
Antimony	121-1	3906409	3909513	3876330	3897417	0.47	cps
Arsenic	75-2	187317	186647	187699	187221	0.28	cps
Barium	135-1	4882692	4866083	4848365	4865713	0.35	cps
Barium	137-1	8755691	8710309	8612484	8692828	0.84	cps
Beryllium	9-1	662374	651601	652945	655640	0.90	cps
Bismuth	209-1	7570669	7294674	7322158	7395834	2.06	cps
Bismuth	209-2	3910863	3871741	3869932	3884179	0.60	cps
Boron	10-1	78603	79417	79919	79313	0.84	cps
Boron	11-1	383694	385381	392821	387299	1.25	cps
Bromine	81-1	20907	20039	20974	20640	2.53	cps
Bromine	81-2	80	90	50	73	28.39	cps
Cadmium	111-1	1063640	1062363	1065259	1063754	0.14	cps
Cadmium	106-1	123223	125122	123997	124114	0.77	cps
Cadmium	108-1	83556	81188	80824	81856	1.81	cps
Calcium	43-1	5713898	5701588	5644763	5686750	0.65	cps
Calcium	44-1	91811637	90239281	89547973	90532964	1.28	cps
Chromium	52-2	1657992	1651703	1658010	1655902	0.22	cps
Cobalt	59-2	2482739	2496567	2497427	2492244	0.33	cps
Copper	63-2	18116081	18140684	18237352	18164706	0.35	cps
Dysprosium	156-1	342	400	442	394	12.74	cps
Dysprosium	156-2	260	273	273	269	2.86	cps
Erbium	164-1	83	75	92	83	10.00	cps
Erbium	164-2	53	53	60	56	6.93	cps
Gadolinium	160-1	475	500	425	467	8.18	cps
Gadolinium	160-2	317	353	383	351	9.51	cps
Holmium	165-1	12367922	12185622	11736460	12096668	2.69	cps
Holmium	165-2	6691127	6652411	6535755	6626431	1.22	cps
Indium	115-1	8694316	8640318	8568030	8634221	0.73	cps
Indium	115-2	2111533	2116040	2132111	2119895	0.51	cps
Iron	54-2	17667105	17577197	17777951	17674084	0.57	cps
Iron	56-2	318613685	320630974	324263529	321169396	0.89	cps
Iron	57-2	7964046	8026108	8006294	7998816	0.40	cps
Krypton	83-1	807	863	840	837	3.40	cps
Lead	206-1	17865075	17752021	17257585	17624894	1.83	cps
Lead	207-1	15717235	15575343	15150602	15481060	1.90	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 14:14:09	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	63678604	62445535	60941823	62355321	2.20	cps
Lithium	6-1	1714807	1712788	1683455	1703683	1.03	cps
Magnesium	24-2	64155304	64846714	64033847	64345288	0.68	cps
Manganese	55-2	10417414	10521713	10593666	10510931	0.84	cps
Molybdenum	94-1	8255868	8138176	8191649	8195231	0.72	cps
Molybdenum	95-1	9882332	10003298	9982717	9956116	0.65	cps
Molybdenum	96-1	10937146	10961924	10979074	10959381	0.19	cps
Molybdenum	97-1	6174001	6270938	6164356	6203098	0.95	cps
Molybdenum	98-1	15786073	16052057	15907233	15915121	0.84	cps
Neodymium	150-1	440	433	440	438	0.88	cps
Neodymium	150-2	60	53	57	57	5.89	cps
Nickel	60-2	645740	648427	643340	645836	0.39	cps
Phosphorus	31-2	76403	75993	75063	75820	0.91	cps
Potassium	39-2	33818647	33754802	33916864	33830104	0.24	cps
Rhodium	103-1	7708348	7720075	7743401	7723942	0.23	cps
Rhodium	103-2	4261318	4232323	4240174	4244605	0.35	cps
Scandium	45-1	5672924	5668367	5656165	5665818	0.15	cps
Scandium	45-2	396044	398165	401640	398616	0.71	cps
Selenium	82-1	72190	71968	71807	71988	0.27	cps
Selenium	77-2	4814	5048	4894	4919	2.41	cps
Selenium	78-2	16684	16255	16496	16479	1.30	cps
Silicon	28-1	3782447	3904103	3963135	3883228	2.37	cps
Silver	109-1	4422131	4366975	4349288	4379465	0.87	cps
Silver	107-1	4637652	4568099	4574935	4593562	0.83	cps
Sodium	23-2	107902948	108957915	110143315	109001393	1.03	cps
Strontium	86-1	1324549	1319541	1317189	1320426	0.28	cps
Strontium	88-1	11548542	11628916	11446162	11541207	0.79	cps
Sulfur	34-1	893522	901256	913474	902751	1.11	cps
Terbium	159-1	12452850	12151855	12260499	12288401	1.24	cps
Terbium	159-2	6515506	6510344	6666339	6564063	1.35	cps
Thallium	203-1	3699605	3672163	3624484	3665417	1.04	cps
Thallium	205-1	9865112	9685724	9600186	9717007	1.39	cps
Thorium	232-1	14605317	13990195	14302365	14299292	2.15	cps
Tin	118-1	3134435	3137794	3068530	3113586	1.25	cps
Titanium	47-1	2761745	2744798	2711306	2739283	0.94	cps
Uranium	238-1	13438934	12975145	13155522	13189867	1.77	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1420989	1431191	1425497	1425893	0.36	cps
Yttrium	89-1	11980160	11981057	11794122	11918446	0.90	cps
Yttrium	89-2	2300428	2305426	2331117	2312324	0.71	cps
Zinc	66-2	3048924	3052628	3059251	3053601	0.17	cps
Zirconium	90-1	6855122	6869595	6897758	6874159	0.32	cps
Zirconium	91-1	1531345	1545404	1525372	1534041	0.67	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	150	108	128	16.41	cps
Antimony	121-1	292	350	308	317	9.49	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	75	92	58	75	22.23	cps
Barium	137-1	150	133	150	144	6.66	cps
Beryllium	9-1	44	44	33	41	15.76	cps
Bismuth	209-1	8218797	8140169	7924788	8094584	1.88	cps
Bismuth	209-2	4257709	4303725	4244957	4268797	0.72	cps
Boron	10-1	1875	1925	1658	1820	7.79	cps
Boron	11-1	8861	9036	9186	9028	1.80	cps
Bromine	81-1	20774	20832	21191	20932	1.08	cps
Bromine	81-2	40	70	50	53	28.64	cps
Cadmium	111-1	3247	3834	3416	3499	8.63	cps
Cadmium	106-1	4626	5468	4851	4982	8.75	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Calcium	43-1	342	242	317	300	17.35	cps
Calcium	44-1	15217	14816	15175	15069	1.46	cps
Chromium	52-2	1307	1287	1190	1261	4.95	cps
Cobalt	59-2	90	83	123	99	21.67	cps
Copper	63-2	1520	1483	1447	1483	2.47	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	33	43	30	36	19.51	cps
Gadolinium	160-1	92	75	75	81	11.95	cps
Gadolinium	160-2	160	130	153	148	10.66	cps
Holmium	165-1	12555997	12255602	12367140	12392913	1.23	cps
Holmium	165-2	6745226	6826907	6660846	6744326	1.23	cps
Indium	115-1	9112233	9170423	9222031	9168229	0.60	cps
Indium	115-2	2284179	2283135	2249351	2272222	0.87	cps
Iron	54-2	1772	1852	1612	1745	7.01	cps
Iron	56-2	11905	11744	11961	11870	0.95	cps
Iron	57-2	583	528	633	582	9.08	cps
Krypton	83-1	893	907	863	888	2.50	cps
Lead	206-1	872	1156	856	961	17.54	cps
Lead	207-1	917	983	917	939	4.10	cps

LB Number : LB111777 Operator : JASWAL
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3286	3720	3714	3573	6.96	cps
Lithium	6-1	1760508	1749983	1732986	1747826	0.79	cps
Magnesium	24-2	925	833	1067	942	12.48	cps
Manganese	55-2	227	230	223	227	1.47	cps
Molybdenum	94-1	200	358	258	272	29.42	cps
Molybdenum	95-1	208	108	167	161	31.18	cps
Molybdenum	96-1	175	233	242	217	16.76	cps
Molybdenum	97-1	133	108	158	133	18.75	cps
Molybdenum	98-1	367	300	208	292	27.26	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	80	97	133	103	26.41	cps
Phosphorus	31-2	192	183	175	183	4.54	cps
Potassium	39-2	76254	76221	75902	76126	0.26	cps
Rhodium	103-1	8678979	8607885	8506162	8597675	1.01	cps
Rhodium	103-2	4706363	4727308	4629767	4687813	1.10	cps
Scandium	45-1	5780861	5781413	5893878	5818717	1.12	cps
Scandium	45-2	406277	409244	407691	407738	0.36	cps
Selenium	82-1	-95	-110	2	-68	-90.04	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	144	178	148	157	11.65	cps
Silicon	28-1	709657	711525	709778	710320	0.15	cps
Silver	109-1	258	208	233	233	10.71	cps
Silver	107-1	225	342	400	322	27.65	cps
Sodium	23-2	30757	30265	30940	30654	1.14	cps
Strontium	86-1	1400	1383	1317	1367	3.23	cps
Strontium	88-1	292	258	250	267	8.27	cps
Sulfur	34-1	549637	536418	538555	541537	1.31	cps
Terbium	159-1	12601601	12557551	12493634	12550928	0.43	cps
Terbium	159-2	6716364	6733672	6649421	6699819	0.66	cps
Thallium	203-1	33	92	108	78	50.64	cps
Thallium	205-1	225	175	233	211	14.94	cps
Thorium	232-1	711	789	767	756	5.30	cps
Tin	118-1	708	817	742	756	7.34	cps
Titanium	47-1	158	158	217	178	18.94	cps
Uranium	238-1	92	142	142	125	23.09	cps

LB Number :	LB111777	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 14:25:26	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30	17	23	23	28.56	cps
Yttrium	89-1	12296338	12477290	12415848	12396492	0.74	cps
Yttrium	89-2	2371233	2387359	2348939	2369177	0.81	cps
Zinc	66-2	527	587	583	566	5.96	cps
Zirconium	90-1	775	850	850	825	5.25	cps
Zirconium	91-1	133	142	142	139	3.46	cps