

Appendix 1 – Raw data

BR07099850

SAMPLE DESCRIPTION	Au-AA21 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
152801	<0.001	0.12	8.27	1.7	750	3.42	0.1	3.53	0.04	124	27.8	112
152802	<0.001	0.04	7.81	2.3	700	1.93	0.09	4.51	<0.02	72.8	16.9	54
152803	<0.001	0.08	6.58	1.7	1390	2.81	0.07	2.34	0.12	83	15.5	97
152804	<0.001	0.01	10.7	2	710	8.26	0.08	2.74	0.04	104.5	17.8	63
152805	0.003	0.08	7.04	1.7	1170	3.08	0.06	2.85	<0.02	97.9	18.1	111
152806	<0.001	<0.01	7.05	2.2	1010	3.22	0.11	2.36	<0.02	97.9	17.7	106
152807	<0.001	<0.01	8.87	0.9	260	6.27	0.07	4.56	<0.02	57	1.9	177
152808	0.007	0.08	6	2.4	190	2.79	0.63	7.16	0.04	29.4	76.8	80
152809	<0.001	0.08	6.61	4.3	970	3.22	0.47	2.2	0.03	121.5	15.1	82
152810	<0.001	0.04	7.03	1.4	1110	3.82	0.07	2.38	<0.02	78.6	14.1	133
152811	0.003	0.03	6.78	1.1	980	3.45	0.07	2.73	0.02	105	17.1	130
152812	<0.001	<0.01	8.67	1.3	4890	0.8	0.06	0.09	0.02	4.78	0.9	62

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SAMPLE DESCRIPTION	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm
152801	4.86	25.3	5.41	19.5	0.19	2.7	0.06	3.11	62.7	17.1	2.78	641
152802	3.05	5.1	5.29	18.65	0.15	2.2	0.051	2.15	37.1	16	2.24	670
152803	4.46	20.6	3.82	17.65	0.2	2.5	0.046	3.19	39.2	20.7	1.98	472
152804	2.88	2.4	2.74	21.3	0.19	3.5	0.02	1.8	50.6	23.7	0.77	327
152805	5.72	19.8	4.13	19.05	0.16	2.4	0.051	3.15	53.8	19.7	2.32	551
152806	6.62	9.5	4.12	18.25	0.18	2.4	0.056	3.3	50.2	15.8	2.26	508
152807	3.03	3.2	1.01	16.6	0.09	3.3	0.011	0.8	22.5	13.2	0.65	126
152808	0.77	1.1	14.85	19	0.24	3	0.012	0.26	15.9	5.6	0.35	284
152809	1.36	71.8	3.59	17.35	0.15	3	0.187	3.57	65	16.5	1.71	327
152810	5.37	2.5	3.55	17.25	0.15	3	0.036	4.16	36.3	14.5	2.36	485
152811	4.53	25.8	3.62	17.25	0.2	2.7	0.05	3.62	53	16	2.33	477
152812	1.98	0.9	0.7	10.7	0.11	3.1	0.007	9.37	5.6	3.7	0.3	81

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SAMPLE DESCRIPTION	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm	ME-MS61 Pb ppm	ME-MS61 Rb ppm	ME-MS61 Re ppm	ME-MS61 S %	ME-MS61 Sb ppm	ME-MS61 Sc ppm	ME-MS61 Se ppm	ME-MS61
152801	0.61	1.77	15.1	54.4	900	6.1	183	0.004	0.38	0.23	20.3	1	
152802	0.96	1.48	10.2	13.9	700	3.9	120.5	0.002	0.1	0.48	27	1	
152803	0.46	1.3	13.8	40.6	690	72.2	177	0.002	0.09	0.33	16.5	1	
152804	2.01	4.06	34.9	19.2	330	5	99.2	0.002	0.08	0.28	9.2	1	
152805	0.39	1.27	14.7	46.3	790	7.1	179	0.002	0.09	0.35	19.6	1	
152806	0.37	1.42	13.2	45.9	760	5.7	186.5	<0.002	0.11	0.43	18.7	1	
152807	0.42	2.74	51.7	10.3	270	4.5	38.5	0.004	<0.01	0.22	12.2	1	
152808	20.1	0.04	11.4	42.6	970	5.6	10.4	0.003	0.02	0.29	14.2	1	
152809	0.28	1.24	15.4	36.6	570	5.6	133.5	<0.002	0.11	1.21	13.1	1	
152810	0.41	1.31	16.5	41.6	760	5.2	228	0.003	<0.01	0.16	15.7	1	
152811	0.36	1.31	15.2	54.4	760	6.1	215	<0.002	0.07	0.22	16.8	<1	
152812	0.78	0.88	10.4	5.3	70	5.9	309	0.004	<0.01	0.17	3.9	1	

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SAMPLE DESCRIPTION	ME-MS61 Sn ppm	ME-MS61 Sr ppm	ME-MS61 Ta ppm	ME-MS61 Te ppm	ME-MS61 Th ppm	ME-MS61 Ti %	ME-MS61 Tl ppm	ME-MS61 U ppm	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61
152801	3.2	328	1.22	0.05	25.7	0.43	0.79	5.8	179	0.6	32.6	29	
152802	2.8	327	0.84	<0.05	12.4	0.446	0.49	3	188	0.9	24.9	24	
152803	3.4	257	1.07	<0.05	17.5	0.373	0.83	4.8	117	0.6	27.1	41	
152804	16.2	606	2.03	0.06	11.4	0.5	0.51	5.1	61	8.1	49.3	17	
152805	3.8	250	1.03	<0.05	17.2	0.424	0.72	3.3	136	0.4	38.1	29	
152806	3.5	266	1.09	<0.05	18.5	0.402	0.81	4.1	128	0.6	31.4	31	
152807	14.3	515	2.69	<0.05	23	1.025	0.25	3.9	70	0.8	24.5	8	
152808	8.2	1190	0.86	0.63	22.5	0.183	0.11	19.3	204	7.1	26.6	5	
152809	3.6	247	1.45	<0.05	34.6	0.282	0.45	7.2	88	0.9	29.7	21	
152810	4.7	267	1.5	<0.05	30.2	0.366	1.01	3.1	107	0.7	28.9	24	
152811	4	305	1.23	<0.05	25	0.363	1.05	4.2	112	0.6	27.8	23	
152812	4.6	240	0.67	0.05	37.9	0.122	1.17	6.3	19	10	42.8	6	

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SAMPLE DESCRIPTION	ME-MS82 Ce ppm	ME-MS82 Dy ppm	ME-MS82 Er ppm	ME-MS82 Eu ppm	ME-MS82 Gd ppm	ME-MS82 Ho ppm	ME-MS82 La ppm	ME-MS82 Lu ppm	ME-MS82 Nd ppm	ME-MS82 Pr ppm	ME-MS82 Sm ppm	ME-MS82 Tb ppm	
152801	148	148	6.6	3.8	1.8	8.8	1.3	70.6	0.5	52.6	14.3	10.1	1.3
152802	81.9	81.9	4.7	2.7	1.3	5.7	0.9	39.8	0.4	30	7.9	6.1	0.9
152803	94.1	94.1	5.4	3.2	1.5	6.5	1.1	43	0.5	36.4	9.5	7.4	1
152804	149.5	149.5	12	6.6	4.6	13	2.4	74.1	0.8	61.2	15.5	14.1	2.1
152805	111	111	7.1	4.1	1.8	8.8	1.4	58.6	0.6	48.4	12.5	10	1.3
152806	111	111	6	3.3	1.7	7.6	1.2	54.4	0.5	43.7	11.3	8.5	1.1
152807	73.9	73.9	5.4	3.2	4	6.2	1.1	29	0.5	32.2	8.2	6.7	1
152808	31.5	31.5	5.1	2.9	1.1	4.4	1	16.5	0.4	11.9	3	3.5	0.9
152809	134	134	5.3	3.1	1.7	6.9	1.1	67.7	0.5	44.8	12.5	8	1
152810	90.7	90.7	5.5	3.2	1.6	6.9	1.1	40	0.4	40.3	10.1	8.2	1
152811	118	118	5.3	3	1.6	7.1	1	57.5	0.4	43.4	11.6	8.4	1
152812	5.7	5.7	24.2	17.2	1.8	11	5.7	6.7	2.2	3.3	0.8	3	3.1

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SAMPLE DESCRIPTION	ME-MS82 Th ppm	ME-MS82 Tm ppm	ME-MS82 U ppm	ME-MS82 Y ppm	ME-MS82 Yb ppm	ME-XRF12 Al2O3 %	ME-XRF12 As %	ME-XRF12 BaO %	ME-XRF12 CaO %	ME-XRF12 Cl %	ME-XRF12 Co %	ME-XRF12 Cr2O3 %
152801	30	0.5	7.2	41.2	3.4	14.55	0.002	0.111	4.7	0.072	0.002	<0.001
152802	14	0.4	3.6	29.9	2.6	14.7	0.003	0.104	6.31	0.093	<0.001	0.041
152803	20	0.5	5.4	33.5	3.1	13.2	<0.001	0.184	3.37	0.069	0.001	0.007
152804	15	0.9	6.3	75.9	5.8	22.5	0.004	0.13	4.13	0.018	0.003	0.079
152805	20	0.6	3.7	45.9	3.7	13.8	0.001	0.14	4.33	0.063	<0.001	<0.001
152806	20	0.5	4.4	37.3	2.9	13.6	<0.001	0.141	3.6	0.074	0.002	0.022
152807	28	0.5	4.9	32.8	3	18.05	0.001	0.047	6.92	0.02	<0.001	0.013
152808	23	0.4	20.3	29.9	2.7	10.35	0.002	0.037	9.88	0.015	0.006	<0.001
152809	36	0.5	7.8	34.7	3	12.95	0.001	0.134	3.2	0.12	<0.001	<0.001
152810	34	0.4	3.6	35.6	2.9	13.1	0.002	0.13	3.57	0.073	<0.001	<0.001
152811	27	0.4	4.8	33.8	2.8	12.8	<0.001	0.126	4.17	0.073	<0.001	0.005
152812	41	2.6	7.5	190	15.9	17.9	0.003	0.565	0.34	0.102	<0.001	<0.001

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SAMPLE DESCRIPTION	ME-XRF12 Cu %	ME-XRF12 Fe2O3 %	ME-XRF12 K2O %	ME-XRF12 MgO %	ME-XRF12 MnO %	ME-XRF12 Mo %	ME-XRF12 Na2O %	ME-XRF12 Nb2O5 %	ME-XRF12 Ni %	ME-XRF12 P2O5 %	ME-XRF12 Pb %	ME-XRF12 Sb2O3 %
152801	0.002	7.42	3.63	4.31	0.074	<0.001	2.52	<0.001	0.006	0.192	0.005	<0.001
152802	<0.001	7.58	2.68	3.7	0.075	0.001	2.15	<0.001	0.001	0.171	0.002	<0.001
152803	0.001	5.85	4.13	3.43	0.056	<0.001	2.02	<0.001	0.004	0.173	0.012	<0.001
152804	<0.001	4.37	2.42	1.5	0.058	0.001	6.26	<0.001	0.002	0.086	0.002	<0.001
152805	<0.001	6.25	3.99	4	0.056	<0.001	1.91	<0.001	0.004	0.196	0.004	<0.001
152806	0.001	6.08	4.07	3.88	0.067	0.001	2.08	<0.001	0.004	0.184	0.003	<0.001
152807	<0.001	1.54	1.01	1.22	0.01	<0.001	4.11	<0.001	0.001	0.072	0.002	<0.001
152808	<0.001	21.5	0.284	0.6	0.021	0.002	0.083	<0.001	0.004	0.219	0.002	<0.001
152809	0.006	5.41	4.51	2.97	0.033	<0.001	1.88	<0.001	0.003	0.14	0.005	<0.001
152810	<0.001	5.21	5.02	3.95	0.036	<0.001	1.875	<0.001	0.004	0.176	0.004	<0.001
152811	<0.001	5.43	4.52	3.91	0.056	<0.001	1.925	<0.001	0.005	0.184	0.004	<0.001
152812	<0.001	1.02	13.1	0.56	0.018	<0.001	1.35	<0.001	0.001	0.034	0.002	<0.001

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SAMPLE DESCRIPTION	ME-XRF12 SO3 %	ME-XRF12 SiO2 %	ME-XRF12 SnO2 %	ME-XRF12 SrO %	ME-XRF12 Ta2O5 %	ME-XRF12 ThO2 %	ME-XRF12 TiO2 %	ME-XRF12 U %	ME-XRF12 W %	ME-XRF12 V2O5 %	ME-XRF12 Y2O3 %	ME-XRF12 Zn %	ME-XRF12 ZrO2 %	OA-GRA05t LOI 1000 %
152801	0.911	59	<0.001	0.027	<0.001	<0.001	0.68	<0.001	<0.001	0.022	<0.001	<0.001	0.014	1.69
152802	0.291	58.9	<0.001	0.03	<0.001	<0.001	0.74	<0.001	<0.001	0.028	<0.001	<0.001	0.016	2.3
152803	0.291	64.8	<0.001	0.023	<0.001	<0.001	0.62	<0.001	<0.001	0.021	<0.001	<0.001	0.021	1.64
152804	0.229	54.4	0.032	0.06	<0.001	<0.001	1.02	<0.001	0.002	0.038	<0.001	<0.001	0.038	2.37
152805	0.156	63.1	<0.001	0.016	<0.001	<0.001	0.66	0.005	<0.001	0.029	<0.001	<0.001	0.023	1.24
152806	0.229	63.3	<0.001	0.024	<0.001	<0.001	0.65	<0.001	<0.001	0.032	<0.001	<0.001	0.022	1.87
152807	<0.001	63.6	<0.001	0.044	<0.001	<0.001	1.73	<0.001	<0.001	0.062	<0.001	<0.001	0.036	1.41
152808	<0.001	54.8	<0.001	0.096	<0.001	<0.001	0.42	<0.001	0.001	0.016	<0.001	<0.001	0.011	1.55
152809	0.292	65.7	<0.001	0.021	<0.001	<0.001	0.43	<0.001	<0.001	0.011	<0.001	<0.001	0.014	2.15
152810	<0.001	65.3	<0.001	0.02	<0.001	<0.001	0.51	<0.001	<0.001	0.038	<0.001	<0.001	0.019	1.01
152811	0.075	64.6	<0.001	0.025	<0.001	<0.001	0.56	<0.001	<0.001	0.02	<0.001	<0.001	0.021	1.53
152812	<0.001	63.5	<0.001	0.023	<0.001	<0.001	0.52	<0.001	<0.001	0.007	0.009	<0.001	0.026	1.01