

SCALE OF NdPr RARE EARTHS TARGET GROWS AT ELPHINSTONE CREEK

Sunshine Gold Limited (ASX:SHN, "Sunshine Gold", "the Company") is pleased to provide an update on recent rare earth element ("REE") soil sampling at the Elphinstone Creek REE-Au prospect, Ravenswood West (Sunshine Gold 100%).

HIGHLIGHTS

- Assay results from a further 171 soils samples at Elphinstone Creek continue to demonstrate the highly anomalous rare earth nature of the Barrabas Adamellite – a regionally "unique" alkali intrusion.
- Elevated REE from recent soil sampling at Elphinstone Creek include 17 results >1,000 ppm total rare earth oxides ("TREO") with a peak value of 1,327 ppm. The margins of the Adamellite are clearly defined in soils >400 ppm TREO with 30.7% of Adamellite samples exceeding 700 ppm TREO. Pleasingly, the average Neodymium (Nd_2O_3) + Praseodymium oxides (Pr_6O_{11}) content of TREO is 19.8%.
- Samples have been sent to rare earths specialists at Australian National University for mineralogical characterisation.
- Award of a recent \$34,050 Collaborative Exploration Incentive grant from the Queensland Department of Resources will cover the assay costs of the soils campaign. We acknowledge and appreciate the support of the Queensland Department of Resources.



Figure 1. Geologist Oliver Buchanan sampling.

Sunshine Gold's Managing Director, Damien Keys commented: *"Elphinstone Creek shapes as a significant rare earth system. It is located within a regionally "unique" alkali intrusion that is importantly high in the permanent magnet metals being Neodymium and Praseodymium (which constitute an estimated 90% of global rare earth values). We have engaged rare earth specialists from the Australian National University to expedite our understanding of the mineralogy and nature of the rare earth mineralisation.*

Soil sampling continues at Elphinstone Creek and is anticipated to have covered the whole of the highly prospective Barrabas Adamellite in July 2022. Furthermore, Elphinstone Creek is located on the southern end of a 15km long corridor of Cu-Au-Ag-Mo and rare earth targets, where drilling is set to recommence once the current rain events subside in late May 2022."

NEXT STEPS AT ELPHINSTONE CREEK

The initial soil sampling campaign is scheduled for completion in July 2022. The soils data will be integrated with existing geophysics and mapping to refine targets for drill testing. Samples have been dispatched to rare earth element specialists from the Australian National University to complete a characterisation study on the REE mineralogy and the likely nature of the REE enrichment in the Barrabas Adamellite.

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Capital:

Ordinary shares: 467,822,730
Unquoted shares: 151,900,000 (24m Esc)
Deferred shares: 50,000,000 (24m Esc)
Unlisted options: 65,000,000 (24m Esc)
Unlisted plan options: 2,700,000
Perf Rights: 8,500,000 (24m Esc)

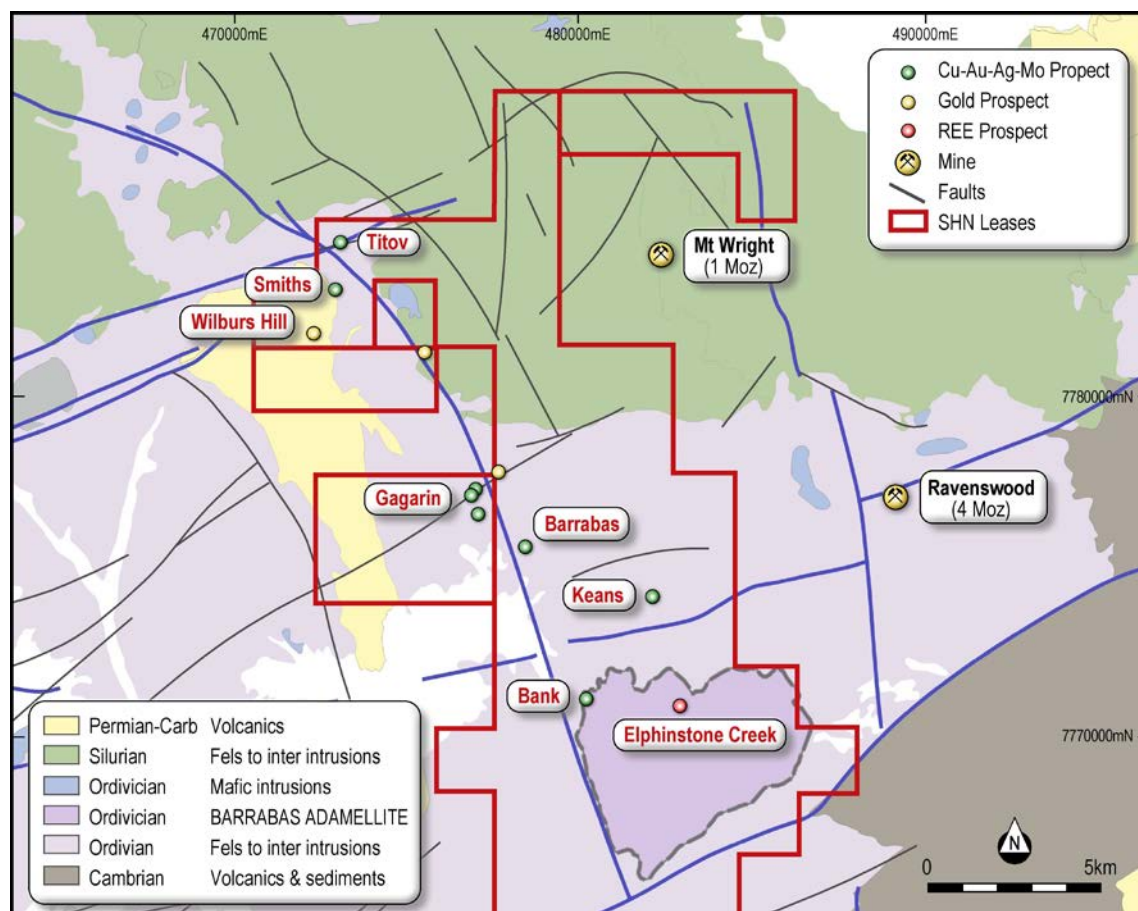


Figure 2. Geology of the 15km prospective Cu-Au-Ag-Mo corridor and the REE enriched Barrabas Adamellite (dark purple, bottom RHS) and surrounds.

ELPHINSTONE CREEK

The Elphinstone Creek and Bank Breccia targets are hosted in the Barrabas Adamellite, a quartz monzonite, comprising medium to coarse-grained plagioclase and alkali feldspar (~60%) with lesser quartz (~35%) and biotite (~5%). The Barrabas Adamellite is distinguishable as having broad, moderate magnetics. The Barrabas Adamellite is also highlighted in the radiometrics as having a strong potassium signature (Figure 3).

The prospective Barrabas Adamellite is large-scale and occupies ~27km². To date, assays returned from soil sampling cover only 5.5km² (20%) of the area. Soil sampling coverage over the entire Adamellite will be completed in July 2022. Sunshine Gold collected 480 soil samples across the northern margin of the Barrabas Adamellite (Figure 4).

The sampling confirmed that the Barrabas Adamellite is enriched in REE, with all Barrabas Adamellite soil samples grading >400 ppm TREO. A coherent 800m long, ENE striking REE soil anomaly grading (>900 ppm TREO) is observed in the vicinity of the Bank Breccia. The anomaly is supported by elevated stream sediment samples grading up to 1.56% TREO. The anomaly is located immediately east of the historic Bank Breccia drilling.

In addition, a coherent soil anomaly grading >1,000 ppm TREO extends for over 230m in the south of the current survey. Stream sediment sampling from a nearby tributary graded 2.28% TREO including 0.37% Nd₂O₃, 0.11 % Pr₆O₁₁ (SRS10163). Further REE soil anomalism occurs close to the Adamellite margins on either side of Elphinstone Creek. A peak value of 1,091 ppm TREO (Sample 256157) was recorded immediately east of Elphinstone Creek.

Importantly, the average Neodymium + Praesodymium oxide content of the TREO is 19.8%. Nd+Prare used in permanent magnets and constitute an estimated 90% of global REE value. The soil survey will be extended to the south during 2022 to better refine targets for drill testing.

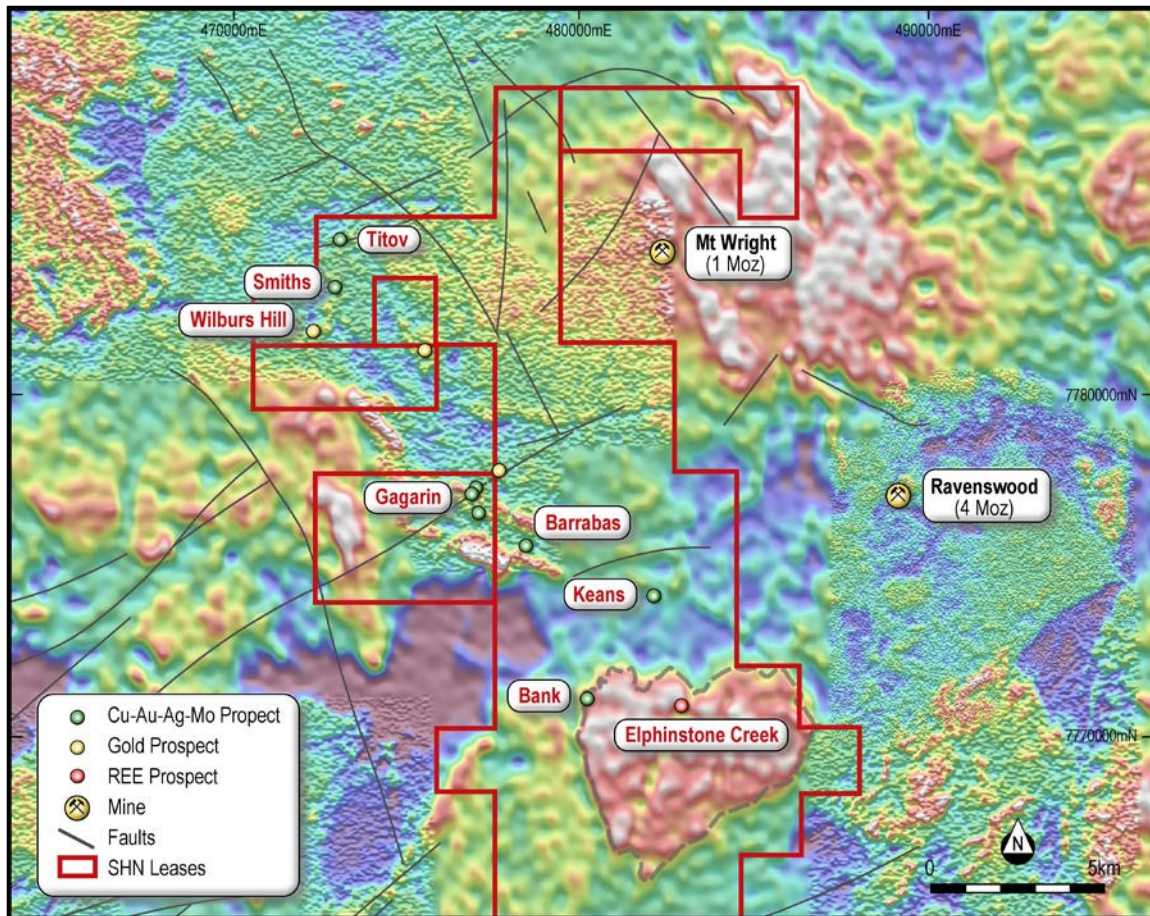


Figure 3. The Barrabas Adamellite (dashed) is also a distinct feature in the potassium radiometrics.

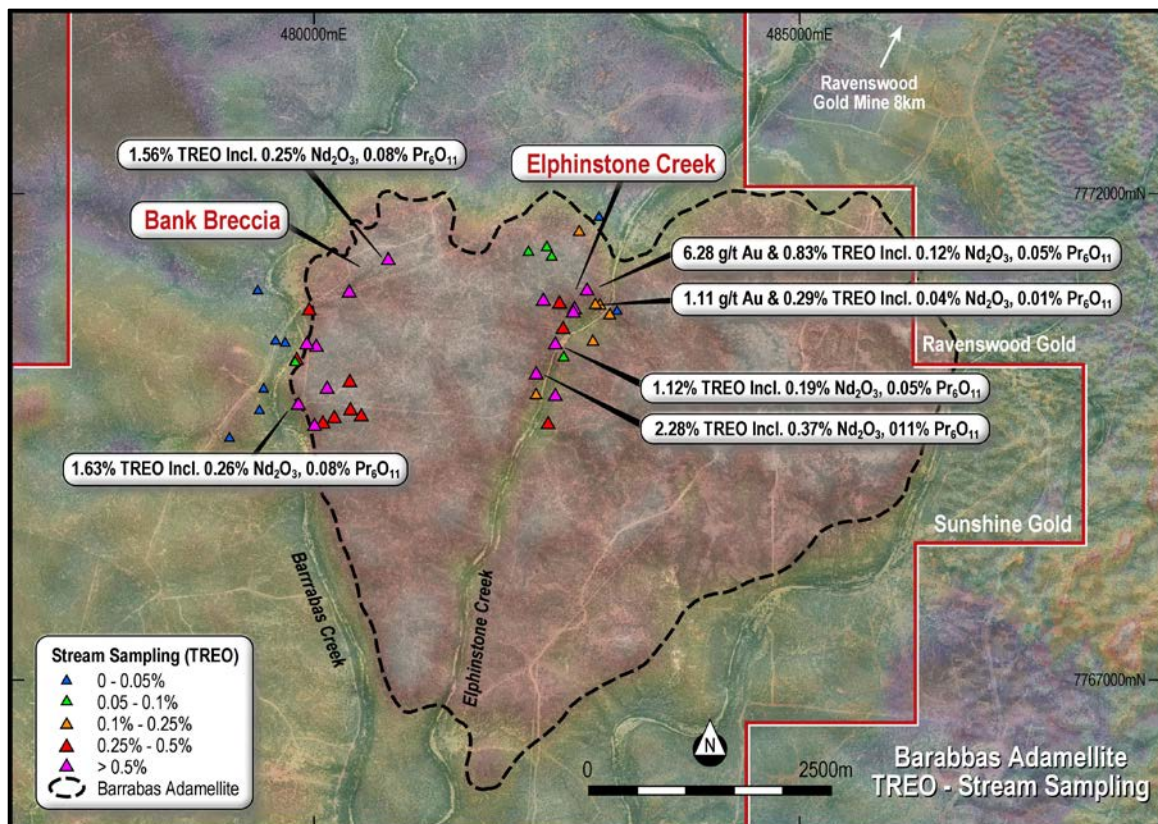


Figure 4. Stream sediment sampling locations at the Barrabas Adamellite over potassium radiometrics and air photo.

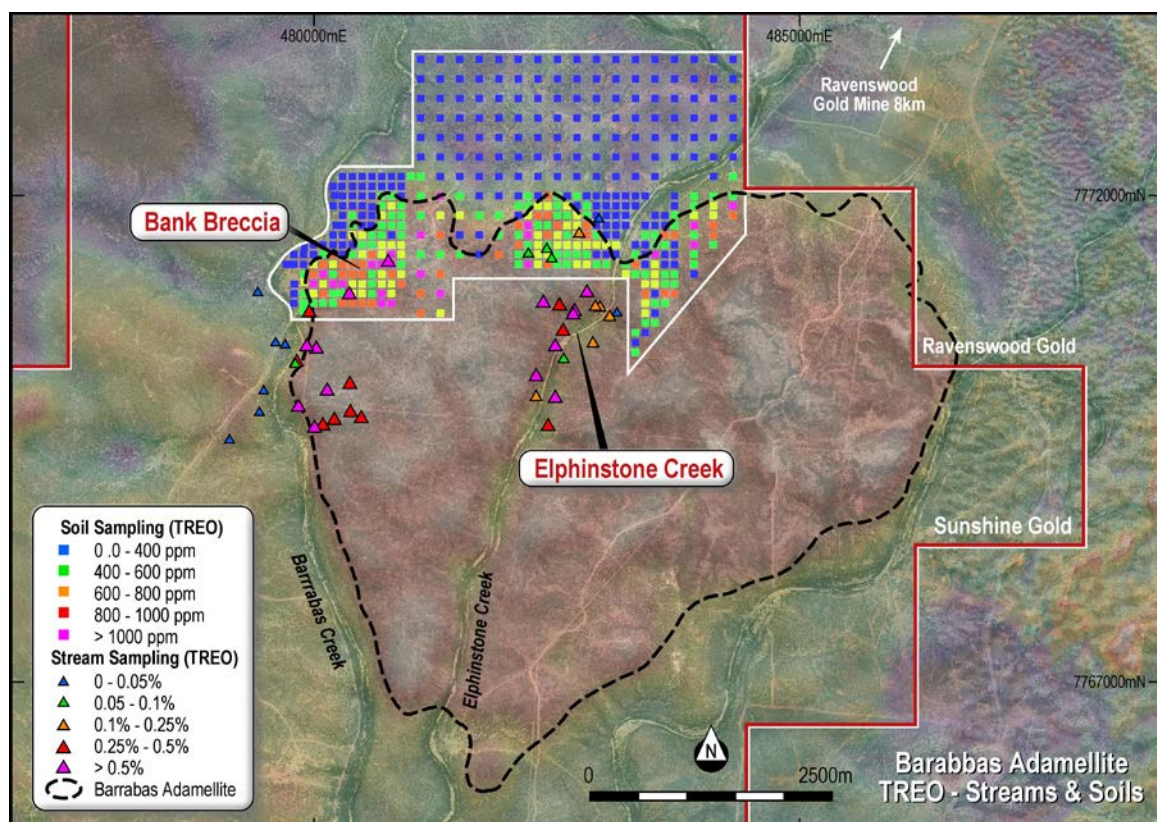


Figure 5. TREO distribution in soils. Only 20% of the Barrabba Adamellite has been sampled to date with the remaining 80% to be sampled in 2022.

PLANNED ACTIVITIES

- May 2022: Triumph metallurgical Test work results
- June 2022: IP/MT survey Wilburs Hill – Smiths, Ravenswood West
- June 2022: RC drilling, Titov & the Bank, Ravenswood West
- June 2022: Gagarin IP Survey, Ravenswood West
- June 14-15, 2022: Australian Gold Conference, Sydney
- June 23-24, 2022: RIU Investment Showcase Conference, Gold Coast
- July 2022: Electromagnetic & magnetic geophysical survey, Investigator
- July 20-22, 2022: Noosa Mining Conference
- July 2022: Quarterly Report

ABOUT RARE EARTH ELEMENTS

The unique chemical and physical properties of REEs have positioned them as a critical material across a number of rapidly evolving markets and industrial applications.

NdPr constitutes ~90% of global REE value.

NdPr are critical elements in the manufacture of permanent magnets used for motors, turbines and in mobile phones. Permanent magnet production accounts for ~90% of the total value of TREO consumption. Permanent magnets and catalysts are the largest, rare earth demand drivers.

Key global megatrends are driving strong and diversified demand for NdPr:

- Automation: accelerating technological progress
- Low carbon transition: environmental decarbonisation
- Sustainable resource security: increasing scarcity of and global competition for resources
- Supply chain security: against backdrop of heightened national protectionism

There are currently no acceptable substitutes for NdPr in permanent magnets for electric vehicles (EVs) and wind turbines.

ENDS

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This ASX announcement is authorised for market release by the Board of Sunshine Gold.

Competent Person's Statement

The information in this report that relates to Exploration Results is based on, and fairly represents, information compiled by Dr Damien Keys, a Competent Person who is a Member of the Australian Institute of Geoscientists (AIG). Dr Keys has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Dr Keys consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

TABLE 1. AU AND REE SOIL SAMPLING RESULTS

East	North	Sample ID	Au ppm	CeO ₂ ppm	Eu ₂ O ₃ ppm	La ₂ O ₃ ppm	Nd ₂ O ₃ ppm	Pr ₆ O ₁₁ ppm	Sm ₂ O ₃ ppm	Dy ₂ O ₃ ppm	Er ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Sc ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
481100	7773400	254813	0	83.95	1.24	44.41	32.04	9.35	5.13	3.58	2.21	4.37	0.70	0.36	0.60	0.33	2.32	19.33	21.74	231.66
481100	7773200	254814	0	64.06	1.07	30.59	24.80	7.02	4.43	3.18	1.99	3.82	0.64	0.34	0.54	0.27	2.11	17.64	19.25	181.74
481100	7773000	254815	0	57.43	1.57	30.90	29.46	8.07	5.82	4.54	2.86	5.29	0.92	0.48	0.74	0.41	3.01	21.93	30.49	203.93
481100	7772800	254816	0.007	122.85	1.16	65.48	40.10	12.46	5.61	2.95	1.76	3.98	0.56	0.31	0.53	0.24	1.80	13.80	17.25	290.83
481100	7772600	254817	0	100.46	1.30	51.39	35.60	10.58	5.96	3.89	2.30	4.85	0.76	0.38	0.68	0.33	2.32	23.01	22.77	266.57
481100	7772400	254818	0	71.11	1.37	32.88	32.27	8.55	6.46	4.89	2.85	5.86	0.95	0.45	0.84	0.41	2.78	36.96	28.08	236.71
481100	7772200	254819	0	179.72	1.73	86.42	66.94	19.69	11.96	7.26	3.68	10.02	1.32	0.51	1.36	0.48	3.36	38.35	38.44	471.24
481100	7772000	254820	0	166.63	1.45	83.98	59.67	17.75	10.34	5.65	2.92	7.99	1.01	0.45	1.07	0.40	2.88	24.23	30.48	416.90
481100	7771800	254821	0	241.24	1.39	120.10	78.14	24.56	13.30	6.78	3.60	10.00	1.21	0.65	1.26	0.53	3.95	9.97	36.27	552.96
481100	7771600	254822	0	489.42	2.05	242.74	159.67	50.10	26.14	9.19	3.43	18.40	1.39	0.45	2.11	0.43	2.87	7.21	39.65	1055.24
481100	7771400	254823	0	248.28	1.34	125.94	80.73	25.54	13.28	5.33	2.52	9.74	0.90	0.41	1.14	0.34	2.46	5.98	26.24	550.17
481100	7771200	254824	0	514.23	2.01	247.44	171.11	52.56	28.14	9.38	3.59	18.90	1.42	0.53	2.14	0.47	3.28	9.05	42.62	1106.88
481100	7771000	254825	0	452.36	1.98	224.89	146.32	45.40	24.46	8.67	3.83	16.46	1.41	0.65	1.92	0.54	3.89	10.12	42.23	985.12
481100	7770800	254826	0	377.58	2.41	204.73	136.23	43.03	23.22	10.59	5.31	17.14	1.82	0.91	2.12	0.74	5.58	13.80	54.92	900.14
481300	7773400	254835	0	94.62	1.10	47.59	33.18	10.12	5.14	3.10	1.94	3.92	0.63	0.38	0.53	0.30	2.21	14.11	19.19	238.06
481300	7773200	254836	0	52.33	0.87	24.75	17.43	5.17	2.89	1.85	1.17	2.21	0.37	0.20	0.33	0.17	1.24	8.28	11.01	130.26
481300	7773000	254837	0	59.04	1.56	28.28	26.72	7.22	5.37	4.19	2.63	4.73	0.84	0.47	0.71	0.38	2.78	27.15	25.18	197.23
481300	7772800	254838	0.005	67.63	1.23	35.64	25.81	7.54	4.37	3.16	2.30	3.75	0.62	0.35	0.52	0.29	2.12	16.26	20.08	191.65
481300	7772600	254839	0	70.73	1.18	35.77	28.14	8.01	4.94	3.49	2.16	4.11	0.70	0.36	0.59	0.32	2.25	20.86	21.33	204.96
481300	7772400	254840	0.006	107.51	1.30	47.57	38.93	11.24	7.09	4.60	2.45	5.91	0.84	0.39	0.84	0.34	2.40	34.51	23.06	288.96
481300	7772200	254841	0	46.46	1.27	20.91	21.25	5.55	4.92	4.75	2.70	5.04	0.92	0.38	0.78	0.37	2.54	66.57	26.21	210.59
481300	7772000	254842	0.006	557.94	2.34	269.74	189.67	58.61	33.59	13.15	4.52	24.34	1.97	0.47	2.92	0.49	3.17	10.89	55.92	1229.71
481300	7771800	254843	0	282.94	1.51	138.74	91.49	28.75	15.07	6.42	2.78	10.97	1.04	0.44	1.35	0.35	2.61	7.36	31.02	622.86
481300	7771600	254844	0	382.64	1.62	177.42	121.56	38.03	20.00	7.98	3.35	14.26	1.28	0.52	1.72	0.45	3.15	7.82	37.13	818.94
481300	7771400	254845	0	228.59	1.18	109.94	69.85	22.23	11.51	5.13	2.69	8.28	0.92	0.52	1.00	0.40	3.11	7.36	27.41	500.11
481300	7771200	254846	0	409.63	1.69	194.33	130.28	40.26	21.71	7.98	2.93	14.56	1.12	0.48	1.66	0.42	2.74	6.90	32.05	868.74
481300	7771000	254847	0.005	628.53	2.21	300.86	201.48	63.89	33.20	10.46	3.93	21.84	1.58	0.57	2.36	0.50	3.50	7.06	45.72	1327.69
481300	7770800	254848	0	274.93	1.33	130.99	88.04	27.73	15.20	7.44	4.01	11.13	1.32	0.80	1.41	0.62	4.63	9.82	41.58	620.98
481500	7773400	254857	0	91.71	1.48	49.28	39.04	11.15	6.75	4.57	2.97	5.86	0.94	0.52	0.79	0.42	3.19	23.16	29.64	271.47
481500	7773200	254858	0	93.96	1.38	46.10	35.56	10.25	5.83	3.97	2.39	4.86	0.79	0.42	0.67	0.35	2.60	24.39	24.47	257.99
481500	7773000	254859	0	62.52	1.32	30.22	25.52	7.20	4.55	3.45	2.21	3.98	0.70	0.38	0.55	0.31	2.31	25.46	21.04	191.72
481500	7772800	254860	0	65.31	1.26	33.38	25.47	7.32	4.42	3.27	2.06	3.80	0.66	0.35	0.54	0.30	2.12	19.33	20.24	189.84
481500	7772600	254861	0	74.14	1.26	39.64	28.16	8.32	4.73	3.28	2.08	3.91	0.66	0.35	0.55	0.32	2.22	20.71	20.04	210.39
481500	7772400	254862	0	31.75	1.17	15.29	17.04	4.23	3.73	3.16	1.94	3.60	0.63	0.30	0.54	0.26	1.88	37.58	17.69	140.79
481500	7772200	254863	0	62.65	1.68	27.97	30.87	7.91	6.89	6.47	3.89	7.16	1.29	0.55	1.06	0.54	3.62	48.62	37.74	248.91
481500	7772000	254864	0	199.60	1.63	101.89	71.00	21.40	12.41	6.17	2.84	9.74	1.05	0.43	1.21	0.38	2.66	16.41	31.27	480.09
481500	7771800	254865	0	262.33	1.45	130.07	89.76	27.75	15.32	7.08	3.13	11.49	1.18	0.45	1.47	0.42	2.88	13.19	35.99	603.98
481500	7771600	254866	0	37.51	1.49	16.65	20.03	4.93	5.06	5.58	3.26	5.69	1.11	0.47	0.92	0.46	3.09	61.51	32.54	200.28
481500	7771400	254867	0	178.43	1.29	91.72	61.75	18.94	10.77	5.21	2.61	8.02	0.92	0.45	1.02	0.38	2.72	12.73	28.19	425.16
481700	7773400	254879	0	95.41	1.32	48.38	33.53	9.97	5.28	3.36	2.15	4.22	0.66	0.36	0.56	0.32	2.22	15.49	21.03	244.27
481700	7773200	254880	0.386	86.33	1.12	47.71	31.85	9.57	4.80	3.00	1.77	3.84	0.58	0.30	0.53	0.25	1.84	20.09	17.59	231.18
481700	7773000	254881	0	88.43	1.27	40.04	35.27	9.79	6.42	4.71	2.90	5.36	0.93	0.49	0.79	0.41	3.02	27.61	28.47	255.91
481700	7772800	254882	0	70.89	1.18	34.82	26.12	7.59	4.38	3.08	1.88	3.70	0.61	0.32	0.52	0.26	1.97	17.79	18.68	193.78
481700	7772600	254883	0	97.03	1.34	49.68	34.59	10.14	5.40	3.70	2.33	4.45	0.74	0.40	0.62	0.35	2.48	21.78	22.07	257.12
481700	7772400	254884	0	43.42	1.27	20.84	21.06	5.42	4.49	3.64	2.17	4.25	0.70	0.32	0.59	0.29	2.07	38.35	20.85	169.74
481700	7772200	254885	0	82.19	1.27	38.62	33.81	9.28	6.49	4.36	2.31	5.71	0.81	0.32	0.80	0.32	2.28	46.47	23.40	258.45
481700	7772000	254886	0.011	62.94	1.25	30.59	26.35	7.26	5.09	3.75	2.17	4.52	0.72	0.33	0.66	0.31	2.13	29.60	21.27	198.94
481700	7771800	254887	0	235.18	1.60	115.49	80.85	24.69	13.27	6.27	2.92	10.33	1.07	0.42	1.25	0.39	2.69	24.08	31.19	551.68

East	North	Sample ID	Au ppm	CeO ₂ ppm	Eu ₂ O ₃ ppm	La ₂ O ₃ ppm	Nd ₂ O ₃ ppm	Pr ₆ O ₁₁ ppm	Sm ₂ O ₃ ppm	Dy ₂ O ₃ ppm	Er ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Sc ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
481700	7771600	254888	0	59.71	1.35	29.98	27.69	7.36	5.67	4.41	2.70	5.21	0.87	0.39	0.76	0.35	2.64	36.66	25.73	211.48
481700	7771400	254889	0	144.42	1.31	68.44	49.77	15.03	9.09	5.24	2.96	7.26	0.96	0.53	0.96	0.42	3.15	15.80	29.53	354.89
481900	7773400	255201	0	74.11	1.23	38.41	29.57	8.51	5.16	3.73	2.31	4.44	0.73	0.40	0.64	0.35	2.52	21.47	24.00	217.57
481900	7773200	255202	0	59.39	1.24	30.29	24.54	7.03	4.19	3.06	1.98	3.56	0.63	0.34	0.53	0.27	2.07	17.33	19.19	175.65
481900	7773000	255203	0	69.58	1.12	35.02	24.90	7.37	4.15	2.85	1.72	3.47	0.55	0.27	0.48	0.23	1.66	11.04	16.53	180.95
481900	7772800	255204	0	59.97	1.09	27.84	21.09	6.11	3.64	2.47	1.50	2.99	0.47	0.26	0.42	0.22	1.65	12.42	14.03	156.17
481900	7772600	255205	0.006	76.36	1.31	39.12	28.54	8.36	4.86	3.55	2.29	4.16	0.72	0.36	0.59	0.32	2.25	19.02	21.91	213.72
481900	7772400	255206	0	51.68	1.31	28.42	28.04	7.44	5.32	3.90	2.39	4.67	0.77	0.36	0.66	0.34	2.25	27.61	22.34	187.50
481900	7772200	255207	0.012	50.23	1.20	23.73	22.52	6.03	4.72	3.68	2.18	4.35	0.71	0.32	0.61	0.30	2.07	35.74	21.07	179.46
481900	7772000	255208	0.007	93.41	1.29	43.59	34.22	9.94	6.31	4.02	2.26	5.34	0.74	0.34	0.74	0.31	1.99	22.55	22.64	249.69
481900	7771800	255209	0.006	217.96	1.61	107.29	78.05	23.45	13.72	6.66	2.97	10.86	1.13	0.40	1.33	0.39	2.52	28.07	32.78	529.18
481900	7771600	255210	0.01	261.86	1.56	128.54	87.05	26.82	15.03	7.25	3.57	11.25	1.26	0.59	1.45	0.50	3.45	11.20	38.26	599.64
481900	7771400	255211	0	419.22	1.86	209.14	143.15	44.48	24.44	9.39	3.86	17.24	1.49	0.59	2.08	0.50	3.44	11.20	44.54	936.64
482100	7773400	255225	0	66.43	0.81	30.95	20.85	6.42	3.28	2.05	1.26	2.48	0.40	0.23	0.35	0.18	1.31	15.64	11.29	163.94
482100	7773200	255226	0.007	80.21	1.08	39.75	26.83	8.16	4.23	2.75	1.73	3.40	0.56	0.30	0.48	0.25	1.73	9.05	16.50	197.00
482100	7773000	255227	0.045	69.85	1.19	34.85	26.47	7.58	4.64	3.27	2.05	3.90	0.66	0.35	0.55	0.31	2.06	21.93	20.00	199.66
482100	7772800	255228	0.01	70.36	1.29	35.45	28.00	8.08	4.94	3.45	2.20	4.08	0.71	0.36	0.59	0.32	2.25	20.55	21.31	203.96
482100	7772600	255229	0.063	127.71	1.11	65.30	41.06	12.66	5.65	3.14	1.92	4.25	0.63	0.33	0.54	0.29	1.99	20.55	18.05	305.19
482100	7772400	255230	0.005	69.98	1.31	32.47	28.63	7.91	5.54	4.03	2.33	4.96	0.79	0.35	0.72	0.34	2.21	29.60	23.11	214.30
482100	7772200	255231	0	106.59	1.33	50.56	40.36	11.50	7.39	4.27	2.26	6.21	0.78	0.33	0.81	0.31	2.11	28.84	23.05	286.69
482100	7772000	255232	0.007	90.14	1.25	42.43	33.62	9.59	6.12	3.84	2.02	5.27	0.72	0.34	0.68	0.27	1.89	25.77	20.93	244.89
482100	7771900	255233	0	189.98	1.66	101.15	66.01	20.25	10.95	5.95	3.01	8.60	1.04	0.47	1.16	0.40	2.73	15.34	32.66	461.35
482100	7771800	255234	0	137.31	1.32	67.12	48.00	14.46	8.08	4.53	2.38	6.49	0.81	0.35	0.86	0.32	2.23	21.63	24.29	340.18
482100	7771700	255235	0	430.12	2.05	211.72	141.55	44.36	23.45	9.97	4.06	16.96	1.59	0.60	2.08	0.51	3.52	9.36	46.77	948.67
482100	7771600	255236	0	215.43	1.18	99.06	72.49	22.35	12.52	5.96	2.79	9.27	0.99	0.52	1.18	0.40	2.90	8.59	28.09	483.72
482100	7771500	255237	0.007	381.46	1.82	188.16	130.47	40.62	23.02	9.26	3.81	16.71	1.48	0.56	2.05	0.49	3.25	8.28	43.67	855.10
482100	7771400	255238	0	214.38	1.19	102.41	72.65	22.54	12.54	5.10	2.29	8.94	0.82	0.38	1.08	0.33	2.36	5.98	25.28	478.27
482100	7771300	255239	0	174.70	1.27	86.25	59.15	18.50	10.27	4.85	2.40	7.78	0.82	0.41	0.98	0.35	2.55	6.44	26.03	402.76
482200	7772000	255261	0	161.26	1.60	85.41	60.26	18.23	10.45	5.60	2.96	8.26	1.03	0.44	1.08	0.40	2.70	14.72	30.90	405.31
482200	7771900	255262	0	244.59	1.59	122.54	85.51	26.14	14.62	6.74	2.69	10.96	1.04	0.36	1.36	0.34	2.20	9.82	30.90	561.41
482200	7771800	255263	0	334.15	1.76	171.72	116.36	36.15	19.44	8.16	3.27	13.90	1.27	0.41	1.71	0.40	2.57	11.50	37.95	760.71
482200	7771700	255264	0	541.68	2.15	272.27	176.97	55.36	27.08	10.50	4.32	19.18	1.70	0.65	2.21	0.56	3.86	16.41	47.58	1182.48
482200	7771600	255265	0	478.39	2.19	235.94	162.38	49.98	28.06	10.50	3.42	20.07	1.51	0.41	2.38	0.40	2.60	7.06	42.72	1048.00
482200	7771500	255266	0	273.23	1.45	116.89	79.51	24.43	13.75	7.38	3.85	10.48	1.32	0.66	1.40	0.56	3.95	15.34	38.52	592.71
482200	7771400	255267	0	196.67	1.23	90.48	69.67	21.29	12.26	5.39	2.39	9.13	0.81	0.38	1.09	0.34	2.40	6.29	25.26	445.08
482200	7771300	255268	0	486.30	1.97	236.76	161.02	50.54	27.00	9.97	3.75	19.32	1.45	0.51	2.20	0.49	3.37	11.35	44.22	1060.22
482300	7773400	255290	0.006	80.35	1.20	39.79	29.17	8.61	4.82	3.32	2.08	3.98	0.66	0.38	0.55	0.31	2.07	18.71	20.50	216.51
482300	7773200	255291	0.017	72.61	1.26	37.70	27.74	8.06	4.66	3.22	2.06	3.95	0.65	0.35	0.55	0.30	2.15	18.25	20.93	204.46
482300	7773000	255292	0.006	72.47	1.34	41.76	29.99	8.64	4.93	3.47	2.16	4.18	0.68	0.35	0.56	0.30	2.13	15.49	21.50	209.96
482300	7772800	255293	0.006	69.10	1.07	38.56	25.23	7.66	4.00	2.67	1.67	3.32	0.54	0.27	0.46	0.24	1.65	14.11	16.34	186.89
482300	7772600	255294	0	55.68	1.18	26.94	21.83	6.09	3.91	3.13	1.98	3.53	0.62	0.32	0.53	0.30	2.03	19.17	19.29	166.52
482300	7772400	255295	0	72.47	1.18	34.77	27.98	8.02	5.21	3.59	2.09	4.44	0.68	0.33	0.62	0.30	1.87	27.76	20.46	211.77
482300	7772200	255296	0.017	148.40	1.33	71.47	53.01	15.77	9.17	4.97	2.50	7.37	0.88	0.34	0.98	0.32	2.21	24.23	25.98	368.94
482300	7772000	255297	0	142.39	1.27	69.73	51.73	15.34	9.10	5.26	2.65	7.58	0.94	0.43	0.99	0.35	2.43	24.54	28.00	362.75
482300	7771900	255298	0.006	284.50	1.71	140.24	98.65	30.12	17.13	7.86	3.12	12.82	1.25	0.39	1.61	0.39	2.44	23.16	35.52	660.91
482300	7771800	255299	0	428.59	2.18	207.18	146.45	44.97	25.72	10.82	4.06	19.13	1.67	0.52	2.34	0.49	3.18	8.59	46.57	952.47
482300	7771700	255300	0	253.46	1.37	118.93	84.96	26.22	14.32	6.70	3.08	10.45	1.11	0.55	1.36	0.45	3.14	8.74	32.31	567.15
482300	7771600	255301	0	340.33	1.60	166.89	114.50	35.19	19.60	7.80	2.93	14.06	1.19	0.38	1.72	0.37	2.28	6.60	33.67	749.09

East	North	Sample ID	Au ppm	CeO ₂ ppm	Eu ₂ O ₃ ppm	La ₂ O ₃ ppm	Nd ₂ O ₃ ppm	Pr ₆ O ₁₁ ppm	Sm ₂ O ₃ ppm	Dy ₂ O ₃ ppm	Er ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Sc ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
482300	7771500	255302	0	320.36	1.29	147.79	99.71	30.70	17.24	6.69	2.48	12.04	0.99	0.41	1.47	0.32	2.17	6.75	28.55	678.97
482300	7771400	255303	0.066	311.69	1.30	144.29	96.62	29.88	16.27	6.19	2.53	11.61	0.95	0.40	1.34	0.38	2.47	5.21	28.13	659.24
482300	7771300	255304	0.005	309.94	1.30	138.20	95.23	29.73	16.56	6.93	3.24	12.19	1.12	0.55	1.47	0.47	3.36	8.90	35.43	664.62
482400	7772000	255326	0	398.94	2.43	205.27	139.27	42.77	22.84	9.88	3.99	16.82	1.58	0.50	2.03	0.50	3.11	13.65	47.08	910.66
482400	7771900	255327	0	325.70	1.82	158.52	111.79	34.06	18.94	8.49	3.41	13.94	1.34	0.45	1.73	0.43	2.74	8.59	39.56	731.51
482400	7771800	255328	0	405.36	2.13	200.19	140.58	43.40	24.46	10.26	3.91	17.83	1.60	0.45	2.22	0.45	2.79	16.10	44.45	916.20
482400	7771700	255329	0	230.28	1.53	116.54	78.03	24.03	13.13	6.12	2.54	9.87	0.94	0.39	1.22	0.33	2.23	10.74	28.47	526.38
482400	7771600	255330	0	406.60	2.14	201.90	141.94	43.77	24.93	10.73	4.14	18.67	1.64	0.55	2.32	0.51	3.31	10.89	49.63	923.68
482400	7771500	255331	0.038	239.21	1.08	121.46	78.73	24.50	13.45	5.00	1.80	9.01	0.73	0.20	1.12	0.21	1.32	3.99	20.56	522.38
482400	7771400	255332	0.021	288.20	1.52	142.12	96.69	30.14	16.11	7.31	3.66	11.76	1.20	0.63	1.51	0.57	4.02	11.96	39.62	657.01
482400	7771300	255333	0	370.29	1.69	177.17	126.00	38.85	21.73	8.08	3.17	15.17	1.23	0.45	1.75	0.46	2.96	7.36	37.86	814.23
482500	7773400	255355	0.01	86.94	1.13	43.77	29.79	8.75	4.56	2.87	1.78	3.82	0.56	0.30	0.49	0.26	1.76	13.50	17.78	218.06
482500	7773200	255356	0.019	78.76	1.11	41.00	29.80	8.77	4.85	3.24	2.06	3.84	0.63	0.35	0.55	0.30	2.07	15.49	20.08	212.90
482500	7773000	255357	0	56.09	0.90	32.49	20.80	6.35	3.19	2.01	1.19	2.51	0.38	0.20	0.34	0.17	1.13	8.90	12.23	148.88
482500	7772800	255358	0.006	70.84	1.18	36.67	28.86	8.40	5.10	3.57	2.28	4.29	0.71	0.39	0.61	0.32	2.23	23.16	22.68	211.28
482500	7772600	255359	0.013	89.90	1.02	46.43	29.43	9.03	4.45	2.54	1.52	3.14	0.52	0.27	0.44	0.23	1.48	13.80	14.66	218.84
482500	7772400	255360	0	78.59	1.17	38.03	29.87	8.55	5.55	3.66	2.17	4.53	0.70	0.33	0.65	0.30	2.00	25.92	20.88	222.91
482500	7772200	255361	0	50.95	1.25	24.34	23.58	6.26	4.88	3.87	2.28	4.51	0.76	0.35	0.65	0.32	2.19	36.81	22.53	185.51
482500	7772000	255362	0	168.16	1.66	85.92	61.65	18.13	10.51	5.68	2.95	8.20	1.03	0.44	1.07	0.40	2.63	33.74	31.10	433.28
482500	7771900	255363	0	258.19	1.61	131.40	90.10	27.78	15.20	7.10	3.11	11.48	1.18	0.42	1.46	0.39	2.61	12.73	34.78	599.54
482500	7771800	255364	0	221.54	1.69	119.13	77.86	23.96	13.09	6.36	3.21	9.99	1.15	0.47	1.31	0.45	2.92	11.35	33.64	528.10
482500	7771700	255365	0	380.56	1.91	186.75	125.47	39.11	21.07	8.75	3.51	15.49	1.47	0.44	1.98	0.46	2.86	8.28	40.05	838.16
482500	7771600	255366	0	310.42	1.69	152.11	107.59	33.02	19.06	8.21	3.16	14.26	1.33	0.40	1.80	0.42	2.57	7.06	37.86	700.95
482500	7771500	255367	0	286.11	1.35	133.92	92.28	28.20	16.19	6.38	2.58	11.55	1.08	0.34	1.45	0.35	2.17	6.29	29.37	619.63
482500	7771400	255368	0	242.36	1.12	114.42	76.64	24.09	12.84	5.64	2.74	9.32	0.93	0.48	1.13	0.43	3.14	8.13	29.37	532.79
482500	7771300	255369	0.007	252.62	1.05	116.46	84.97	26.17	15.59	6.93	3.13	11.45	1.10	0.51	1.43	0.47	3.26	9.82	35.34	570.29
482600	7772000	255391	0.006	65.25	1.35	31.04	29.42	7.95	5.86	4.68	2.80	5.36	0.96	0.41	0.81	0.41	2.61	41.41	27.35	227.68
482600	7771900	255392	0	265.67	1.79	138.32	96.89	29.38	16.44	7.48	3.30	12.23	1.32	0.42	1.62	0.46	2.78	12.73	37.20	628.04
482600	7771800	255393	0	202.26	1.46	103.72	70.62	21.73	12.22	5.82	2.58	9.13	1.02	0.35	1.21	0.37	2.25	9.36	28.45	472.56
482600	7771700	255394	0.007	307.20	1.73	155.17	105.62	33.00	17.87	7.80	3.19	13.13	1.29	0.41	1.69	0.43	2.60	10.89	36.31	698.33
482600	7771600	255395	0	250.58	1.25	120.69	78.92	24.84	13.49	6.25	2.45	9.80	0.99	0.38	1.27	0.35	2.25	6.29	27.79	547.57
482600	7771500	255396	0.009	339.13	1.48	156.65	108.88	33.43	18.47	7.71	3.19	13.47	1.25	0.44	1.71	0.43	2.78	8.13	38.86	736.02
482600	7771400	255397	0	238.37	1.13	110.30	73.95	23.16	12.79	5.99	2.88	9.16	1.00	0.50	1.20	0.46	3.55	7.82	30.99	523.25
482600	7771300	255398	0.009	210.96	1.24	100.40	69.64	21.82	11.89	5.93	3.36	8.77	1.08	0.64	1.13	0.56	3.97	13.19	33.17	487.76
482700	7773400	255419	0.007	85.97	1.35	45.73	31.68	9.38	4.99	3.28	2.04	4.07	0.69	0.31	0.60	0.31	1.98	14.42	20.60	227.38
482700	7773200	255420	0.005	70.52	1.09	36.41	25.00	7.60	4.15	2.63	1.59	3.22	0.54	0.25	0.47	0.24	1.55	11.35	16.05	182.65
482700	7773000	255421	0.007	76.76	1.16	40.18	28.75	8.41	4.79	3.22	1.97	3.88	0.65	0.31	0.58	0.30	1.89	17.18	19.33	209.35
482700	7772800	255422	0.007	67.35	1.17	34.76	24.10	7.15	4.12	2.90	1.84	3.37	0.60	0.28	0.49	0.27	1.81	15.95	17.42	183.59
482700	7772600	255423	0.006	91.56	1.20	46.03	31.17	9.30	4.92	3.27	2.15	3.92	0.70	0.33	0.60	0.33	2.17	20.25	20.67	238.58
482700	7772400	255424	0	65.50	1.38	32.76	26.48	7.56	4.85	3.52	2.18	4.18	0.74	0.34	0.62	0.32	2.15	18.41	21.69	192.69
482700	7772200	255425	0	69.38	1.33	33.87	30.41	8.09	6.01	4.68	2.85	5.39	0.99	0.44	0.85	0.43	2.78	36.20	27.41	231.10
482700	7772000	255426	0	193.69	1.55	98.17	69.98	21.17	12.35	6.29	2.96	9.42	1.13	0.41	1.26	0.42	2.69	24.08	31.95	477.53
482700	7771900	255427	0	134.70	1.22	67.39	47.25	14.38	8.13	4.19	2.06	6.28	0.78	0.31	0.85	0.30	1.94	8.74	22.48	320.98
482700	7771800	255428	0	296.75	2.08	156.85	107.84	33.09	18.17	8.53	3.66	13.70	1.48	0.45	1.80	0.50	2.98	13.34	42.02	703.26
482700	7771700	255429	0	300.13	1.53	148.50	99.63	30.61	16.71	7.75	3.49	12.29	1.32	0.52	1.63	0.49	3.17	10.89	38.30	676.96
482700	7771600	255430	0	302.99	1.57	148.22	101.97	31.52	17.52	8.30	3.76	13.05	1.42	0.57	1.74	0.55	3.47	10.74	40.27	687.65
482700	7771500	255431	0	309.57	1.45	151.40	103.75	31.93	17.93	7.10	2.63	12.96	1.13	0.34	1.61	0.33	2.05	5.37	30.25	679.81
482700	7771400	255432	0	228.39	1.13	106.97	69.01	21.69	11.38	5.35	2.66	8.26	0.92	0.48	1.06	0.46	3.09	10.12	28.36	499.32

East	North	Sample ID	Au ppm	CeO ₂ ppm	Eu ₂ O ₃ ppm	La ₂ O ₃ ppm	Nd ₂ O ₃ ppm	Pr ₆ O ₁₁ ppm	Sm ₂ O ₃ ppm	Dy ₂ O ₃ ppm	Er ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Sc ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
482700	7771300	255433	0	354.93	1.68	162.36	116.98	36.34	20.11	8.73	3.88	15.10	1.37	0.57	1.82	0.57	3.72	12.42	41.50	782.09
482800	7772000	255452	0	64.35	1.33	35.31	31.03	8.80	5.80	4.15	2.38	5.12	0.84	0.36	0.73	0.37	2.29	31.29	22.76	216.90
482800	7771900	255453	0	224.82	1.64	118.54	81.15	24.67	14.21	6.71	3.08	10.45	1.17	0.39	1.41	0.40	2.46	18.87	32.82	542.78
482800	7771800	255454	0	166.13	1.44	78.00	58.49	17.45	10.55	5.66	2.81	8.17	1.04	0.39	1.11	0.40	2.51	23.93	29.21	407.27
482800	7771700	255455	0	361.92	2.11	184.81	126.41	38.75	21.46	10.50	4.93	16.13	1.89	0.68	2.18	0.70	4.43	14.26	54.58	845.73
482800	7771600	255456	0	389.95	1.88	191.85	130.09	40.57	22.54	9.82	4.06	16.71	1.65	0.55	2.15	0.55	3.44	9.36	46.21	871.38
482800	7771500	255457	0	309.96	1.54	151.69	105.72	32.49	18.61	8.25	3.65	13.59	1.41	0.52	1.80	0.51	3.29	9.82	41.53	704.37
482800	7771400	255458	0	211.24	1.23	103.18	70.30	21.82	12.14	6.25	3.29	9.37	1.12	0.58	1.21	0.53	3.77	9.05	35.38	490.47
482800	7771300	255459	0	350.75	1.52	169.13	115.48	36.05	19.05	8.00	3.65	13.68	1.28	0.56	1.67	0.55	3.71	10.12	41.12	776.32
482900	7773400	255477	0.006	68.83	1.19	35.68	25.36	7.33	4.24	2.87	1.85	3.40	0.62	0.28	0.51	0.26	1.84	17.03	17.45	188.74
482900	7773200	255478	0.006	70.48	1.15	39.44	27.53	7.97	4.50	3.06	1.88	3.77	0.62	0.30	0.52	0.27	1.88	15.03	19.14	197.53
482900	7773000	255479	0	59.88	0.90	27.57	20.84	6.11	3.59	2.27	1.36	2.73	0.47	0.23	0.41	0.22	1.48	18.25	12.50	158.83
482900	7772800	255480	0	85.08	1.78	50.24	37.72	10.91	6.41	4.54	2.79	5.51	0.97	0.43	0.82	0.41	2.77	15.34	29.25	254.98
482900	7772600	255481	0	92.57	1.26	48.94	32.44	9.70	5.07	3.16	1.97	3.99	0.66	0.31	0.56	0.30	1.99	16.26	19.37	238.54
482900	7772400	255482	0	81.28	1.26	42.06	29.40	8.87	4.67	3.19	1.99	3.77	0.66	0.31	0.56	0.30	1.95	16.72	18.99	215.98
482900	7772200	255483	0.007	62.81	1.12	30.30	25.78	7.18	5.04	3.73	2.16	4.48	0.76	0.31	0.65	0.32	2.04	30.83	21.25	198.75
482900	7772000	255484	0	122.28	1.32	58.77	42.95	13.02	7.61	4.37	2.30	6.40	0.84	0.34	0.87	0.33	2.13	18.41	23.29	305.22
482900	7771900	255485	0	161.17	1.44	82.49	58.37	17.63	10.15	5.37	2.58	7.58	0.99	0.38	1.05	0.38	2.33	16.26	27.81	395.97
482900	7771800	255486	0	57.67	1.22	31.04	24.34	6.89	4.35	2.88	1.62	3.63	0.58	0.24	0.52	0.23	1.48	28.07	16.23	180.99
482900	7771700	255487	0	160.79	1.47	80.32	56.69	17.20	9.69	5.57	3.09	7.79	1.10	0.47	1.09	0.47	2.98	17.33	31.19	397.25
482900	7771600	255488	0	194.91	1.16	93.14	60.97	19.52	10.38	6.01	3.28	7.80	1.15	0.52	1.14	0.49	3.35	8.28	32.46	444.56
482900	7771500	255489	0	290.79	1.70	142.93	97.52	30.54	16.70	7.67	3.56	12.45	1.33	0.51	1.63	0.51	3.20	10.43	38.33	659.80
482900	7771400	255490	0	166.01	1.16	82.65	56.02	17.62	9.90	4.74	2.45	7.34	0.82	0.44	0.92	0.39	2.70	7.21	26.29	386.66
482900	7771300	255491	0	263.27	1.46	116.29	93.84	28.40	16.49	7.48	3.22	12.25	1.17	0.50	1.52	0.47	3.23	11.04	33.82	594.46
483000	7772000	256007	0	64.33	1.25	32.67	26.22	7.50	4.81	3.47	2.14	4.15	0.72	0.32	0.60	0.32	2.12	22.24	20.76	193.62
483000	7771900	256008	0	103.94	1.15	48.61	35.48	10.51	5.76	3.72	2.24	4.77	0.76	0.34	0.67	0.33	2.08	23.62	21.70	265.70
483000	7771800	256009	0.008	157.27	1.38	72.84	53.77	16.10	9.40	5.02	2.46	7.43	0.90	0.35	1.00	0.35	2.14	23.01	26.22	379.66
483000	7771700	256010	0	99.44	1.52	52.88	40.40	11.66	7.06	4.67	2.69	5.94	0.94	0.40	0.84	0.39	2.46	33.13	27.47	291.87
483000	7771600	256011	0	138.35	1.30	60.05	41.88	12.77	6.84	4.03	2.50	5.23	0.84	0.40	0.74	0.38	2.49	25.77	25.59	329.16
483000	7771500	256012	0	302.79	1.73	151.33	99.91	30.83	16.77	8.17	4.09	12.22	1.53	0.67	1.65	0.62	4.12	11.81	42.80	691.05
483000	7771400	256013	0.041	138.82	0.94	62.74	47.70	14.59	8.45	4.02	2.00	6.12	0.68	0.34	0.79	0.30	2.14	6.44	20.42	316.50
483000	7771300	256014	0	211.58	1.11	89.61	70.75	21.76	12.59	5.70	2.54	9.47	0.88	0.40	1.20	0.38	2.61	7.82	25.42	463.83
483100	7773400	256029	0	53.75	1.13	27.51	21.90	6.25	3.78	2.70	1.74	3.18	0.57	0.27	0.47	0.26	1.73	17.49	16.86	159.61
483100	7773200	256030	0	69.38	1.24	34.88	25.33	7.35	4.34	3.01	1.88	3.53	0.64	0.30	0.53	0.30	1.94	18.25	18.54	191.41
483100	7773000	256031	0.006	69.02	1.19	33.83	24.87	7.21	4.27	3.00	1.86	3.56	0.65	0.31	0.52	0.29	1.90	19.33	18.92	190.73
483100	7772800	256032	0	71.31	1.16	29.68	25.44	7.37	4.62	3.12	1.97	3.61	0.65	0.34	0.55	0.31	2.06	25.00	17.37	194.56
483100	7772600	256033	0	82.30	0.96	41.47	25.93	8.03	3.76	2.34	1.45	2.97	0.48	0.23	0.42	0.22	1.46	11.66	13.80	197.49
483100	7772400	256034	0	68.94	1.32	34.77	26.59	7.48	4.85	3.78	2.42	4.32	0.82	0.39	0.65	0.38	2.41	27.15	23.18	209.44
483100	7772200	256035	0.01	79.43	1.16	42.18	28.25	8.47	4.63	2.97	1.80	3.56	0.62	0.33	0.51	0.26	1.83	17.33	17.30	210.62
483100	7772000	256036	0	98.76	1.22	49.34	32.90	9.91	5.28	3.48	2.17	4.28	0.73	0.34	0.62	0.34	2.13	18.25	20.87	250.62
483100	7771900	256037	0	71.02	1.42	38.15	31.34	8.81	5.88	4.35	2.66	5.09	0.92	0.39	0.73	0.40	2.66	24.85	26.63	225.31
483100	7771800	256038	0.006	75.13	1.30	35.19	30.89	8.55	5.83	4.22	2.53	5.05	0.88	0.36	0.76	0.37	2.30	41.87	23.62	238.86
483100	7771700	256039	0.006	84.99	1.47	42.77	32.74	9.34	5.88	3.99	2.26	4.98	0.80	0.35	0.71	0.33	2.16	34.20	22.40	249.39
483100	7771600	256040	0	53.23	0.69	21.44	17.29	4.99	3.20	2.36	1.37	2.80	0.47	0.22	0.42	0.22	1.40	28.68	12.34	151.12
483100	7771500	256041	0	318.46	1.90	160.39	110.21	34.40	19.41	9.95	4.97	14.25	1.81	0.84	2.01	0.77	5.12	24.39	50.92	759.80
483100	7771400	256042	0.07	148.49	1.30	75.15	54.64	16.62	9.72	5.66	2.78	7.88	0.96	0.42	1.07	0.41	2.88	10.28	31.06	369.33
483200	7772000	256056	0	94.57	1.31	48.19	34.24	9.94	5.64	4.01	2.52	4.83	0.84	0.40	0.71	0.39	2.49	22.70	24.94	257.71
483200	7771900	256057	0	62.22	1.17	28.32	25.58	7.00	5.07	3.99	2.54	4.47	0.85	0.40	0.68	0.39	2.53	31.14	23.75	200.08

East	North	Sample ID	Au ppm	CeO ₂ ppm	Eu ₂ O ₃ ppm	La ₂ O ₃ ppm	Nd ₂ O ₃ ppm	Pr ₆ O ₁₁ ppm	Sm ₂ O ₃ ppm	Dy ₂ O ₃ ppm	Er ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Sc ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
483200	7771800	256058	0.013	85.65	1.32	42.17	33.16	9.57	6.03	4.71	2.85	5.24	0.94	0.45	0.81	0.43	2.85	26.84	26.39	249.42
483200	7771700	256059	0.015	92.19	1.30	41.43	32.73	9.58	6.18	4.68	2.78	5.36	0.96	0.47	0.80	0.45	2.94	26.99	26.68	255.52
483200	7771300	256063	0.104	226.50	1.52	113.92	79.86	24.43	14.09	6.46	2.94	10.56	1.07	0.41	1.32	0.42	2.73	14.57	32.88	533.68
483200	7771200	256064	0	271.54	1.39	121.62	91.15	28.13	16.68	7.69	3.48	12.06	1.20	0.56	1.55	0.53	3.61	13.19	36.74	611.10
483300	7773400	256075	0	67.65	1.17	35.38	25.56	7.59	4.21	2.86	1.82	3.43	0.62	0.30	0.51	0.27	1.82	14.42	18.17	185.77
483300	7773200	256076	0.006	64.51	1.18	32.85	24.14	7.02	4.16	2.95	1.82	3.35	0.63	0.31	0.49	0.27	1.89	15.49	18.02	179.10
483300	7773000	256077	0.007	98.93	1.23	51.81	32.95	10.14	5.00	3.16	1.92	3.85	0.63	0.33	0.54	0.30	1.97	17.95	18.64	249.34
483300	7772800	256078	0	87.31	1.33	44.18	30.79	9.17	5.04	3.33	2.08	4.05	0.71	0.34	0.59	0.33	2.10	19.02	20.05	230.42
483300	7772600	256079	0	76.28	1.52	36.43	32.92	8.92	6.35	5.06	3.22	5.42	1.07	0.53	0.86	0.50	3.31	35.58	31.20	249.18
483300	7772400	256080	0.113	54.10	1.41	23.99	25.85	6.56	5.44	4.58	2.89	5.16	0.99	0.45	0.80	0.45	2.81	37.73	27.56	200.77
483300	7772200	256081	0	61.11	1.07	30.75	22.78	6.57	4.01	3.00	1.88	3.48	0.63	0.27	0.54	0.29	1.79	17.33	18.29	173.78
483300	7772000	256082	0	55.24	1.46	27.09	29.22	7.53	6.18	5.13	3.25	5.66	1.07	0.47	0.87	0.47	3.06	42.03	31.15	219.86
483300	7771900	256083	0.033	98.43	1.35	50.35	37.66	10.97	6.91	5.28	3.36	6.09	1.08	0.52	0.93	0.50	3.26	25.15	31.53	283.38
483300	7771500	256087	0.008	104.90	1.27	58.67	40.97	12.38	7.41	4.87	2.65	5.95	0.90	0.42	0.82	0.41	2.68	19.79	27.32	291.42
483300	7771400	256088	0	151.74	1.81	61.37	57.75	15.80	11.80	9.61	5.67	11.31	1.83	0.86	1.63	0.83	5.61	39.42	60.32	437.38
483300	7771300	256089	0	420.73	2.03	203.46	144.22	44.97	25.08	10.49	4.00	18.55	1.53	0.51	2.21	0.54	3.44	9.66	47.57	939.00
483300	7771200	256090	0	216.83	1.11	98.72	71.94	22.25	13.01	6.85	3.43	9.98	1.16	0.56	1.31	0.54	3.63	11.66	35.71	498.70
483300	7770600	256096	0	274.22	1.19	118.50	94.43	28.36	16.20	6.74	3.02	11.79	1.05	0.47	1.40	0.45	3.15	7.98	30.06	599.00
483300	7770500	256097	0.015	138.31	0.71	54.39	50.63	15.02	10.07	6.29	3.66	8.13	1.15	0.69	1.15	0.58	4.46	13.96	31.30	340.50
483300	7770400	256098	0	205.11	0.88	103.94	64.91	20.82	10.30	4.51	1.65	7.07	0.57	0.27	0.80	0.26	1.80	4.45	18.12	445.46
483400	7772000	256099	0	51.35	0.95	24.66	19.99	5.78	3.97	3.55	2.33	3.43	0.77	0.42	0.58	0.38	2.62	17.64	20.87	159.27
483400	7771700	256102	0.016	99.29	1.03	48.13	35.15	10.63	6.73	4.98	3.05	5.42	0.99	0.50	0.86	0.48	3.19	21.93	28.26	270.62
483400	7771600	256103	0	182.24	1.46	92.71	65.84	19.84	11.49	5.72	2.74	8.75	1.04	0.36	1.16	0.38	2.30	25.15	28.59	449.78
483400	7771500	256104	0	167.87	1.12	79.89	54.89	17.06	9.54	4.25	1.91	7.04	0.73	0.27	0.88	0.26	1.69	5.52	20.45	373.38
483400	7771400	256105	0	38.36	1.05	18.74	16.57	4.54	3.26	2.28	1.35	2.93	0.42	0.19	0.41	0.19	1.25	27.92	13.49	132.97
483400	7771300	256106	0	115.38	1.13	54.75	42.47	12.64	7.68	4.21	2.22	6.18	0.76	0.34	0.81	0.34	2.22	20.25	23.75	295.12
483400	7771200	256107	0	218.54	1.12	92.13	77.74	23.80	14.15	6.73	2.68	11.03	1.01	0.35	1.36	0.38	2.41	8.13	26.53	488.09
483400	7771100	256108	0	328.17	1.56	161.46	108.74	33.76	18.35	7.51	3.35	12.87	1.23	0.52	1.60	0.50	3.40	11.35	38.14	732.51
483400	7771000	256109	0	383.54	1.49	184.49	128.94	40.28	22.62	8.75	3.40	15.77	1.31	0.49	1.92	0.49	3.17	10.28	40.37	847.29
483400	7770900	256110	0	320.08	1.77	158.89	109.30	34.08	18.54	7.90	3.62	13.70	1.25	0.53	1.63	0.54	3.67	9.05	40.10	724.66
483400	7770800	256111	0	289.91	1.38	137.45	94.22	29.52	15.34	5.88	2.81	10.27	0.97	0.51	1.21	0.45	3.06	11.04	30.11	634.13
483400	7770700	256112	0	228.86	1.07	90.69	58.49	18.55	9.65	5.78	3.58	7.43	1.09	0.67	1.01	0.59	4.22	14.11	36.10	481.90
483400	7770600	256113	0.015	110.50	0.71	42.51	42.30	12.30	9.09	5.65	3.44	7.33	1.08	0.64	1.04	0.55	4.02	10.28	29.31	280.74
483500	7773400	256114	0	63.57	1.26	32.88	27.03	7.56	5.01	3.51	2.16	4.21	0.72	0.32	0.60	0.32	2.14	15.18	21.78	188.26
483500	7773200	256115	0	64.02	1.42	31.76	27.83	7.54	5.51	4.22	2.70	4.79	0.92	0.41	0.76	0.41	2.70	30.22	26.19	211.40
483500	7773000	256116	0	55.12	1.07	28.03	22.56	6.39	3.92	2.87	1.82	3.41	0.61	0.28	0.52	0.29	1.84	20.55	17.36	166.63
483500	7772800	256117	0.012	52.83	1.18	27.51	23.23	6.37	4.34	3.33	2.09	3.78	0.71	0.33	0.59	0.32	2.05	19.48	21.14	169.29
483500	7772600	256118	0	60.60	1.42	28.39	28.58	7.64	6.04	4.99	2.94	5.51	1.02	0.43	0.84	0.43	2.80	40.19	28.93	220.74
483500	7772400	256119	0.005	47.07	1.13	21.64	20.00	5.44	4.16	3.37	2.17	3.67	0.72	0.32	0.59	0.31	2.04	24.85	20.51	157.99
483500	7772200	256120	0	64.32	1.33	28.58	26.26	7.26	5.22	4.28	2.61	4.79	0.88	0.35	0.72	0.38	2.44	24.69	24.81	198.92
483500	7771800	256123	0.087	111.59	1.27	55.10	41.03	12.49	8.00	5.73	3.46	6.50	1.13	0.56	0.95	0.54	3.55	23.16	32.22	307.29
483500	7771700	256124	0.007	46.58	1.19	21.56	21.27	5.58	4.51	3.60	2.18	4.17	0.73	0.33	0.62	0.32	2.03	44.94	20.92	180.54
483500	7771600	256125	0.006	200.96	1.51	106.51	66.15	20.56	10.27	4.89	2.32	7.77	0.88	0.34	0.96	0.33	2.11	18.25	25.06	468.87
483500	7771500	256126	0	245.27	1.47	124.22	85.44	26.57	15.02	6.22	2.55	10.83	1.05	0.32	1.39	0.33	2.00	7.67	28.14	558.49
483500	7771400	256127	0.013	494.42	1.99	234.03	169.38	51.96	30.07	10.93	3.81	21.19	1.56	0.38	2.45	0.47	2.85	16.10	49.21	1090.78
483500	7771300	256128	0.006	303.60	1.47	148.23	104.33	31.88	17.50	6.77	2.57	12.56	1.03	0.31	1.47	0.34	2.19	10.58	31.67	676.52
483500	7771200	256129	0	299.83	1.42	134.43	93.32	28.81	15.72	6.45	2.57	11.55	1.01	0.34	1.42	0.35	2.36	12.27	30.44	642.32
483500	7771100	256130	0	314.76	1.48	144.90	111.39	34.32	19.12	7.47	2.76	13.77	1.10	0.39	1.63	0.39	2.45	7.67	31.99	695.59



East	North	Sample ID	Au ppm	CeO ₂ ppm	Eu ₂ O ₃ ppm	La ₂ O ₃ ppm	Nd ₂ O ₃ ppm	Pr ₆ O ₁₁ ppm	Sm ₂ O ₃ ppm	Dy ₂ O ₃ ppm	Er ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Sc ₂ O ₃ ppm	Y ₂ O ₃ ppm	TREO ppm
483500	7771000	256131	0	103.80	0.80	39.65	32.76	10.11	5.71	4.32	2.93	4.81	0.86	0.57	0.72	0.50	3.60	10.74	22.91	244.77
483500	7770900	256132	0	193.62	1.27	80.79	70.58	21.07	12.38	6.23	3.14	9.44	1.08	0.53	1.23	0.49	3.46	7.67	27.84	440.84
483500	7770800	256133	0	101.06	0.67	36.53	34.98	10.40	6.31	4.03	2.34	5.29	0.73	0.42	0.71	0.39	2.79	7.21	18.07	231.93
483500	7770700	256134	0	237.80	1.04	116.73	74.65	23.58	12.22	5.69	3.01	8.67	1.00	0.56	1.08	0.49	3.51	9.20	31.67	530.90
483600	7771800	256137	0.009	97.66	1.48	49.62	37.95	11.19	7.22	4.82	2.82	5.96	0.97	0.41	0.89	0.42	2.64	26.53	26.95	277.55
483600	7771700	256138	0	146.30	1.55	72.22	52.29	15.50	9.07	5.35	2.73	7.42	1.02	0.35	1.02	0.39	2.32	31.60	29.13	378.27
483600	7771600	256139	0	402.56	1.78	199.45	136.27	42.62	22.79	9.90	3.59	16.91	1.56	0.34	2.16	0.43	2.43	10.43	42.73	895.97
483600	7771500	256140	0	224.47	1.62	116.09	75.79	23.63	12.87	6.01	2.66	9.50	1.05	0.36	1.36	0.37	2.22	11.20	29.59	518.81
483600	7771400	256141	0	175.12	1.04	86.62	58.97	18.30	10.01	4.26	1.73	7.31	0.65	0.24	0.91	0.24	1.58	4.60	20.64	392.21
483600	7771300	256142	0	94.98	0.75	38.22	34.23	10.17	6.55	3.45	1.59	5.11	0.58	0.24	0.69	0.24	1.54	4.91	14.78	218.04
483600	7771200	256143	0	174.21	1.52	84.11	61.11	18.76	10.71	5.07	2.41	8.26	0.87	0.34	1.01	0.35	2.43	19.63	26.62	417.42
483600	7771100	256144	0	194.92	1.48	91.17	61.60	18.91	10.53	6.42	3.34	8.20	1.07	0.59	1.11	0.54	3.66	15.64	35.42	454.57
483600	7771000	256145	0	446.61	1.89	220.11	142.56	45.60	23.42	9.46	3.72	17.24	1.41	0.50	1.99	0.53	3.43	12.27	44.97	975.69
483600	7770900	256146	0.019	271.63	1.44	130.55	86.88	27.18	14.54	6.15	2.66	10.40	1.03	0.44	1.29	0.37	3.22	9.05	31.47	598.32
483700	7773400	256147	0.051	65.72	1.40	36.45	30.12	8.35	5.83	4.51	2.82	5.09	0.94	0.42	0.80	0.42	2.65	26.99	28.35	220.87
483700	7773200	256148	0	62.49	1.48	29.39	30.92	8.16	6.39	5.49	3.52	6.17	1.17	0.53	0.96	0.51	3.35	44.79	33.65	238.97
483700	7773000	256149	0.007	61.54	1.33	31.43	26.28	7.33	5.13	4.41	2.77	4.82	0.90	0.41	0.73	0.41	2.52	30.52	25.49	206.01
483700	7772800	256150	0	44.41	1.12	24.15	21.08	5.80	4.27	3.36	2.08	4.01	0.69	0.30	0.59	0.31	1.97	19.63	20.83	154.58
483700	7772600	256151	0	57.02	1.33	31.48	25.88	7.02	4.79	3.94	2.47	4.37	0.81	0.38	0.67	0.37	2.36	23.01	23.74	189.62
483700	7772400	256152	0	54.13	1.26	30.43	24.88	7.01	4.86	3.78	2.39	4.37	0.78	0.33	0.66	0.34	2.21	20.71	22.55	180.69
483700	7772000	256154	0.089	122.80	1.27	58.52	44.82	13.34	8.30	6.19	3.90	7.12	1.26	0.64	1.09	0.62	4.09	27.76	36.12	337.84
483700	7771900	256155	0.005	64.75	1.40	31.47	28.82	7.88	5.82	4.56	2.71	5.27	0.94	0.38	0.80	0.42	2.55	34.20	25.73	217.69
483700	7771800	256156	0	174.50	1.38	90.13	59.95	18.85	9.98	4.77	2.10	7.42	0.82	0.26	0.98	0.29	1.73	9.66	23.19	406.02
483700	7771700	256157	0	230.14	1.77	118.72	83.93	25.83	14.70	7.38	3.41	11.55	1.32	0.39	1.51	0.46	2.57	21.32	36.56	561.55
483700	7771600	256158	0	360.25	1.75	183.36	121.98	38.02	20.70	9.37	3.66	15.59	1.56	0.40	2.01	0.47	2.63	9.66	43.89	815.29
483700	7771500	256159	0	59.94	1.52	33.12	28.45	7.94	5.65	4.41	2.54	5.14	0.88	0.35	0.78	0.38	2.29	40.65	24.98	219.00
483700	7771400	256160	0	108.08	0.67	47.50	39.27	11.86	7.10	3.34	1.35	5.36	0.52	0.19	0.68	0.18	1.28	4.14	13.68	245.20
483700	7771300	256161	0	175.76	1.04	83.31	60.84	18.70	10.94	4.50	1.78	7.78	0.70	0.27	0.92	0.26	1.78	6.60	21.59	396.76
483700	7771200	256162	0	173.10	1.13	82.68	61.96	19.10	11.34	5.02	2.28	8.43	0.80	0.33	1.04	0.32	2.28	8.90	24.61	403.31
483700	7771100	256163	0	254.91	1.35	124.82	84.43	26.53	14.12	5.84	2.44	9.83	0.93	0.35	1.22	0.31	2.33	5.68	28.04	563.15
483700	7771000	256164	0	400.17	1.69	196.29	131.09	41.65	21.65	8.32	3.26	14.74	1.24	0.48	1.81	0.41	3.01	9.51	39.28	874.58
483900	7773400	256165	0.045	49.64	1.10	24.32	20.77	5.71	4.01	3.22	1.96	3.67	0.68	0.31	0.56	0.29	1.88	17.18	19.16	154.46
483900	7773200	256166	0.06	52.33	1.24	29.51	24.25	6.91	4.45	3.29	2.04	4.03	0.69	0.30	0.59	0.31	1.98	31.75	19.94	183.60
483900	7773000	256167	0	50.89	1.16	24.26	23.46	6.29	4.75	4.23	2.66	4.51	0.88	0.40	0.73	0.39	2.54	34.51	24.78	186.45
483900	7772800	256168	0.009	54.85	1.32	26.53	26.20	6.95	5.31	4.69	2.94	5.09	0.97	0.44	0.80	0.43	2.79	35.12	28.29	202.74
483900	7772600	256169	0	53.74	1.34	26.61	25.78	6.85	5.46	4.75	2.90	5.23	1.01	0.43	0.80	0.43	2.80	35.43	28.22	201.80
483900	7772400	256170	0	51.75	1.16	30.60	24.23	6.93	4.70	4.14	2.50	4.13	0.81	0.39	0.67	0.40	2.57	18.10	23.93	177.01
483900	7772000	256172	0	216.53	1.69	109.50	74.30	22.86	12.51	6.61	3.05	9.57	1.16	0.39	1.27	0.42	2.61	23.47	32.40	518.32
483900	7771900	256173	0	256.85	1.64	129.56	87.69	26.81	14.45	6.84	2.84	10.85	1.13	0.32	1.40	0.37	2.17	24.08	31.18	598.17
483900	7771800	256174	0.055	321.70	1.88	165.85	110.00	34.37	18.02	7.88	3.22	12.94	1.29	0.38	1.65	0.42	2.47	11.81	36.61	730.51
483900	7771700	256175	0	475.07	2.36	240.98	158.14	49.37	24.70	10.44	3.72	17.25	1.60	0.38	2.14	0.48	2.62	9.36	44.23	1042.84
483900	7771600	256176	0	211.55	2.01	121.98	82.31	25.40	14.08	7.59	3.38	10.89	1.32	0.41	1.51	0.46	2.78	14.11	37.17	536.94
483900	7771500	256177	0	483.94	1.97	252.44	157.17	50.11	25.15	11.10	4.15	18.45	1.79	0.47	2.33	0.51	3.13	8.59	49.03	1070.34
483900	7771400	256178	0	228.39	1.42	121.17	78.03	24.28	12.83	5.96	2.38	9.52	0.95	0.28	1.25	0.31	1.90	5.68	27.42	521.77
483900	7771300	256179	0	195.91	1.00	88.19	65.97	20.36	11.69	5.82	2.47	8.66	0.97	0.33	1.19	0.34	2.13	6.14	25.46	436.62
483900	7771200	256180	0	143.55	1.38	73.69	51.47	15.68	8.84	5.43	2.84	6.95	1.01	0.43	0.96	0.40	2.69	21.63	28.99	365.93
484100	7773400	256181	0.008	70.77	1.22	35.66	28.17	8.16	5.57	5.26	3.44	5.31	1.15	0.53	0.87	0.51	3.37	25.00	32.19	227.18
484100	7773200	256182	0.007	57.34	1.33	28.70	27.39	7.32	5.59	4.64	2.78	4.97	0.93	0.40	0.78	0.41	2.64	34.66	27.25	207.12

East	North	Sample ID	Au ppb	CeO2 ppm	Eu2O3 ppm	La2O3 ppm	Nd2O3 ppm	Pr6O11 ppm	Sm2O3 ppm	Dy2O3 ppm	Er2O3 ppm	Gd2O3 ppm	Ho2O3 ppm	Lu2O3 ppm	Tb4O7 ppm	Tm2O3 ppm	Yb2O3 ppm	Sc2O3 ppm	Y2O3 ppm	TREO ppm
484100	7773000	256183	-0.01	60.06	1.35	25.23	28.05	7.26	6.03	5.61	3.53	5.80	1.17	0.52	0.92	0.54	3.42	41.87	33.04	224.40
484100	7772800	256184	0.01	48.55	1.25	22.80	23.28	6.02	4.87	4.48	2.71	4.70	0.90	0.39	0.73	0.40	2.60	38.50	25.81	187.97
484100	7772600	256185	0.01	61.98	1.25	30.90	26.43	7.31	5.39	4.28	2.66	4.90	0.87	0.38	0.75	0.38	2.45	25.61	25.34	200.89
484100	7772400	256186	0.02	102.99	1.44	51.78	38.20	11.37	7.25	5.93	3.65	6.22	1.25	0.56	1.00	0.56	3.64	28.53	34.64	299.00
484100	7772200	256187	0.14	107.19	1.26	54.21	40.65	12.12	7.24	5.31	3.06	6.21	1.05	0.44	0.94	0.46	2.93	29.30	30.24	302.60
484100	7772000	256188	-0.01	200.11	1.44	102.79	67.37	20.82	10.91	5.38	2.42	8.14	0.93	0.31	1.08	0.33	1.99	18.25	26.26	468.54
484100	7771900	256189	-0.01	271.74	1.85	149.06	93.72	29.15	15.04	7.32	3.17	11.02	1.25	0.40	1.43	0.43	2.65	15.80	35.65	639.69
484100	7771800	256190	-0.01	350.42	1.74	177.41	117.44	36.92	19.08	8.58	3.29	13.87	1.36	0.39	1.78	0.42	2.55	7.21	37.53	779.98
484100	7771700	256191	0.01	370.71	1.75	193.87	120.70	38.34	19.12	8.42	3.42	13.77	1.36	0.44	1.79	0.46	2.80	8.28	38.67	823.91
484100	7771600	256192	-0.01	374.51	1.63	172.47	135.51	41.67	23.66	10.43	3.73	17.30	1.65	0.39	2.22	0.46	2.54	6.90	39.98	835.04
484100	7771500	256193	-0.01	189.03	1.70	97.88	67.52	20.64	11.20	6.24	2.89	8.56	1.07	0.39	1.16	0.41	2.45	24.54	30.68	466.37
484300	7773400	256194	0.01	53.25	1.03	27.78	21.33	6.05	4.22	3.79	2.40	3.80	0.79	0.39	0.61	0.37	2.51	18.25	22.72	169.29
484300	7773200	256195	-0.01	72.72	1.23	34.33	30.90	8.43	5.82	4.51	2.76	5.27	0.93	0.41	0.78	0.40	2.60	43.25	26.26	240.71
484300	7773000	256196	0.02	71.44	1.29	38.70	28.25	8.05	5.40	4.53	2.89	5.01	0.96	0.41	0.76	0.42	2.73	30.37	27.34	228.57
484300	7772800	256197	0.01	49.71	1.11	24.72	23.30	6.22	4.68	4.10	2.54	4.30	0.85	0.39	0.69	0.39	2.44	32.67	23.91	182.03
484300	7772600	256198	0.03	50.76	1.01	25.98	20.45	5.80	4.00	3.56	2.24	3.64	0.73	0.36	0.59	0.35	2.31	18.71	20.80	161.29
484300	7772400	256199	0.09	133.18	1.31	65.72	48.80	14.63	8.74	6.61	4.11	7.55	1.33	0.71	1.13	0.65	4.38	26.99	38.39	364.24
484300	7772200	256200	0.02	261.13	1.59	131.63	86.14	26.95	14.55	7.13	3.02	10.95	1.19	0.35	1.43	0.40	2.37	14.88	32.83	596.54
484300	7772000	256201	-0.01	198.09	1.26	92.71	68.66	20.99	11.56	5.51	2.21	8.73	0.90	0.28	1.14	0.29	1.80	6.60	23.54	444.27
484300	7771900	256202	-0.01	470.23	1.95	243.70	159.37	49.69	26.15	10.85	3.38	18.67	1.64	0.27	2.39	0.39	2.06	6.60	43.84	1041.18
484300	7771800	256203	-0.01	426.38	1.89	199.15	144.40	44.87	23.89	10.50	3.69	17.40	1.63	0.36	2.25	0.42	2.38	5.21	41.15	925.57
482109	7771198	285259	0.00	210.67	1.34	98.98	72.55	21.99	11.43	5.12	2.41	8.13	0.88	0.45	1.06	0.37	2.64	6.60	27.68	472.30
482097	7771099	285260	0.00	188.56	1.35	85.14	64.85	19.75	10.15	4.84	2.46	7.37	0.88	0.47	0.98	0.39	2.78	5.98	26.03	421.98
482100	7771001	285261	0.00	420.10	1.91	194.68	141.72	43.01	20.76	7.70	3.16	13.77	1.27	0.51	1.67	0.45	3.01	6.29	36.07	896.07
482101	7770903	285262	0.00	307.09	1.59	133.70	111.27	32.98	17.10	7.09	2.98	12.04	1.17	0.49	1.52	0.42	2.88	7.82	33.40	673.56
482096	7770801	285263	0.00	425.02	2.04	195.27	151.05	45.67	23.31	9.27	3.92	15.85	1.53	0.68	2.00	0.58	4.10	14.11	44.57	938.97
482096	7770707	285264	0.00	262.87	1.31	109.65	83.40	25.49	13.51	6.36	3.27	10.19	1.15	0.61	1.28	0.51	3.59	11.66	32.26	567.11
482106	7770600	285265	0.00	309.55	1.31	138.97	93.89	29.00	15.71	5.91	2.77	11.15	1.01	0.49	1.29	0.40	2.90	9.36	30.22	653.93
482103	7770501	285266	0.00	323.06	1.27	131.35	103.11	31.05	16.93	6.51	2.86	11.99	1.09	0.50	1.42	0.42	2.88	7.52	28.57	670.53
482104	7770398	285267	0.00	353.77	1.47	154.81	104.51	32.02	16.99	6.76	3.22	11.93	1.17	0.63	1.45	0.49	3.52	8.44	35.94	737.10
482099	7770295	285268	0.00	245.06	1.16	107.43	80.71	24.89	13.63	5.31	2.29	9.60	0.88	0.39	1.14	0.33	2.24	8.44	24.13	527.62
482104	7770203	285269	0.00	507.32	1.82	226.93	175.54	52.80	27.13	9.26	3.35	17.69	1.42	0.50	2.11	0.47	3.02	6.14	39.37	1074.86
482101	7770093	285270	0.00	394.31	1.69	180.61	137.05	41.32	20.93	7.99	3.27	14.12	1.29	0.56	1.73	0.48	3.31	7.52	38.61	854.78
482101	7770003	285271	0.02	400.45	1.88	194.68	135.30	41.44	20.18	7.87	3.65	13.08	1.36	0.67	1.65	0.56	4.02	9.05	43.43	879.27
482098	7769903	285272	0.01	203.91	1.51	104.49	72.55	22.35	11.18	5.90	3.14	8.16	1.10	0.60	1.12	0.50	3.67	7.98	35.56	483.72
482098	7769802	285273	0.00	300.95	1.29	141.32	100.89	31.05	14.84	5.57	2.34	9.81	0.93	0.42	1.21	0.37	2.52	6.14	28.07	647.70
482200	7771191	285294	0.00	221.11	1.07	96.99	69.17	21.38	10.94	5.22	2.69	7.72	0.94	0.56	1.04	0.43	3.25	10.28	28.83	481.59
482197	7771095	285295	0.00	205.75	1.42	98.98	73.02	22.23	11.34	5.26	2.57	8.20	0.95	0.48	1.07	0.40	2.84	8.13	28.45	471.08
482208	7770998	285296	0.00	296.04	1.46	135.46	98.56	29.60	15.25	5.99	2.61	10.50	1.00	0.45	1.31	0.39	2.76	5.98	30.48	637.82
482199	7770902	285297	0.00	267.79	1.32	120.21	91.91	27.79	14.26	6.03	2.61	9.94	1.01	0.49	1.27	0.40	2.88	5.68	29.84	583.41
482200	7770797	285298	0.01	249.36	1.35	119.04	91.44	27.67	14.21	6.11	2.74	10.06	1.05	0.49	1.31	0.42	2.94	9.36	29.59	567.13
482203	7770702	285299	0.00	336.57	1.61	161.26	114.66	34.67	17.68	7.13	3.26	11.70	1.23	0.61	1.46	0.49	3.51	12.12	35.81	743.76
482202	7770600	285300	0.00	327.98	1.83	165.36	114.77	34.55	17.16	7.20	3.41	11.64	1.27	0.64	1.48	0.53	3.72	10.89	41.91	744.34
482197	7770501	285301	0.00	275.16	1.39	123.73	91.09	27.79	14.26	6.56	3.34	9.77	1.17	0.67	1.31	0.55	4.05	12.58	35.94	609.36
482202	7770399	285302	0.05	304.64	1.40	143.08	108.36	33.10	17.05	6.63	2.81	11.45	1.10	0.49	1.43	0.41	2.95	8.13	36.83	679.86
482203	7770297	285303	0.00	493.81	2.00	231.04	170.87	52.43	25.86	8.81	3.02	17.52	1.32	0.44	2.09	0.40	2.65	9.97	39.88	1062.12
482204	7770204	285304	0.00	410.28	1.57	191.75	139.38	42.89	20.82	7.18	2.68	13.77	1.11	0.42	1.63	0.39	2.54	5.83	34.67	876.91
482203	7770109	285305	0.00	357.46	1.59	184.13	118.39	37.21	16.41	5.61	2.46	10.21	0.93	0.45	1.20	0.37	2.63	7.82	30.99	777.85
482205	7770001	285306	0.00	253.04	1.53	130.76	83.86	25.73	12.00	5.22	2.74	8.07	0.95	0.56	1.04	0.45	3.27	7.82	30.86	567.91
482200	7769903	285307	0.00	157.85	0.97	79.28	50.27	16.13	7.80	3.58	1.80	5.44	0.65	0.33	0.72	0.29	1.99	4.75	20.95	352.81
482204	7769800	285308	0.00	352.54	1.67	174.16	114.77	36.12	16.00	5.41	2.41	10.02	0.90	0.45	1.16	0.35	2.53	4.75	27.56	750.82
482309	7771197	285317	0.00	278.84	1.42	122.55	87.95	26.94	14.44	6.30	2.94	10.74	1.09	0.52	1.29	0.45	3.06	9.82	30.86	599.22
482306	7771102	285318	0.00	222.95	1.34	104.02	71.85	22.29	11.89	5.26	2.55	8.86	0.94	0.45	1.07	0.37	2.69	6.60	27.68	490.81
482304	7770993	285319	0.00	267.79	1.63	139.56	98.79	29.96	15.42	6.51	3.08	10.66	1.15	0.52	1.38	0.46	3.17	7.52	35.05	622.63
482309	7770900	285320	0.00	375.88	1.37	165.95	118.39	36.61	19.66	7.15	2.96	13.77	1.16	0.49	1.61	0.42	2.78	6.44	34.29	788.92
482302	7770803	285321	0.00	345.17	1.37	145.42	104.86	31.77	17.10	7.13	3.41	12.16	1.25	0.61	1.48	0.53	3.58	8.44	36.07	720.34
482291	7770705	285322	0.00	326.75	1.53	143.08	98.68	29.96	15.60	6.67	3.21	11.42	1.18</							



East	North	Sample ID	Au ppb	CeO2 ppm	Eu2O3 ppm	La2O3 ppm	Nd2O3 ppm	Pr6O11 ppm	Sm2O3 ppm	Dy2O3 ppm	Er2O3 ppm	Gd2O3 ppm	Ho2O3 ppm	Lu2O3 ppm	Tb4O7 ppm	Tm2O3 ppm	Yb2O3 ppm	Sc2O3 ppm	Y2O3 ppm	TREO ppm
482304	7770001	285329	0.01	204.52	1.27	97.34	65.32	20.30	10.74	5.03	2.60	7.88	0.90	0.45	1.00	0.39	2.70	10.28	28.70	459.42
482303	7769903	285330	0.05	91.88	0.94	36.12	30.09	9.11	5.36	3.60	2.09	4.45	0.72	0.38	0.64	0.33	2.28	16.41	17.27	221.67
482399	7771206	285352	0.00	225.41	1.13	87.02	66.60	20.54	11.32	6.03	3.27	8.36	1.12	0.63	1.12	0.51	3.62	11.04	30.86	478.57
482404	7771104	285353	0.00	157.85	1.17	79.16	48.52	16.01	8.57	6.77	4.54	7.33	1.43	0.97	1.11	0.77	5.65	15.64	45.84	401.33
482406	7771001	285354	0.00	189.17	1.26	91.12	64.50	19.75	10.76	5.27	2.79	8.06	0.96	0.53	1.01	0.43	3.05	8.74	30.35	437.77
482399	7770898	285355	0.01	355.00	1.45	156.57	111.74	34.31	18.09	6.83	2.87	12.91	1.13	0.48	1.51	0.41	2.78	9.20	34.03	749.31
482405	7770800	285356	0.01	339.03	1.23	148.36	100.89	30.93	16.35	5.72	2.33	11.31	0.94	0.38	1.29	0.32	2.21	5.98	28.45	695.71
482404	7770695	285357	0.00	262.87	1.11	112.00	74.07	23.32	11.55	5.20	2.98	7.96	1.00	0.60	1.01	0.48	3.51	12.12	30.22	550.00
482400	7770596	285358	0.00	221.11	1.38	102.85	71.62	22.11	12.29	7.15	4.15	9.57	1.39	0.80	1.31	0.66	4.73	12.27	40.89	514.26
482396	7770499	285359	0.00	183.64	1.13	78.34	58.67	18.30	10.29	4.85	2.37	7.66	0.84	0.45	0.98	0.37	2.56	14.42	24.38	409.26
482399	7770397	285360	0.01	272.70	1.26	121.97	83.40	26.10	13.57	5.24	2.32	9.64	0.88	0.41	1.13	0.34	2.36	7.06	27.94	576.31
482401	7770299	285361	0.00	221.72	1.27	101.21	69.87	21.20	11.21	4.92	2.52	8.16	0.90	0.45	1.00	0.39	2.66	10.28	28.45	486.22
482385	7770206	285362	0.01	181.19	1.20	86.08	59.14	18.61	10.31	4.63	2.36	7.52	0.85	0.40	0.94	0.35	2.43	14.26	25.78	416.03
482400	7769896	285365	0.09	68.42	1.16	30.49	26.94	7.44	5.35	4.32	2.68	4.68	0.90	0.42	0.73	0.39	2.68	29.91	26.41	212.92
482407	7769804	285366	0.27	69.89	1.09	32.49	27.76	7.94	5.42	4.03	2.55	4.48	0.86	0.40	0.68	0.61	2.53	28.99	25.27	214.98
482401	7769699	285367	0.10	77.63	0.82	31.55	25.43	7.61	4.77	3.20	1.90	3.73	0.64	0.32	0.56	0.29	2.03	21.63	16.51	198.61
482501	7771201	285375	0.00	465.55	1.91	212.86	165.04	48.57	25.74	9.16	3.58	16.37	1.47	0.61	2.02	0.53	3.61	8.59	42.16	1007.77
482505	7771101	285376	0.00	409.05	1.95	189.99	142.30	43.01	22.84	9.84	4.41	15.33	1.72	0.74	2.03	0.67	4.38	13.19	51.05	912.51
482500	7771000	285377	0.00	346.40	1.75	164.77	125.39	36.97	19.31	7.45	3.04	12.79	1.24	0.55	1.59	0.45	3.10	8.28	35.18	768.25
482503	7770894	285378	0.00	214.35	1.81	119.62	84.21	25.13	13.57	6.15	2.73	9.35	1.09	0.45	1.26	0.41	2.72	8.90	33.15	524.90
482501	7770802	285379	0.00	195.93	1.54	102.62	72.55	21.81	11.65	5.64	2.92	8.17	1.04	0.57	1.11	0.47	3.28	10.12	32.38	471.79
482503	7770700	285380	0.00	256.73	1.34	126.07	86.43	26.22	13.22	6.13	3.21	8.75	1.15	0.67	1.19	0.54	3.88	11.66	35.30	582.49
482504	7770600	285381	0.00	234.01	1.51	117.86	81.41	24.65	12.41	5.99	3.22	8.24	1.13	0.63	1.13	0.54	3.69	10.43	35.43	542.27
482500	7770502	285382	0.01	214.35	1.56	107.19	77.10	22.89	12.41	6.01	3.01	8.40	1.11	0.53	1.14	0.47	3.26	13.50	33.27	506.21
482503	7770206	285385	0.59	307.09	1.76	150.70	103.46	31.05	15.89	7.28	3.58	10.78	1.34	0.61	1.42	0.55	3.80	24.08	40.00	703.39
482504	7770102	285386	0.04	206.37	1.59	103.44	73.13	21.69	11.36	5.97	3.28	7.88	1.16	0.64	1.13	0.54	3.76	12.12	34.92	488.97
482503	7770001	285387	0.22	300.95	1.19	146.60	103.22	30.93	15.60	6.01	2.66	9.94	1.04	0.43	1.27	0.39	2.61	12.58	30.10	665.52
482495	7769900	285388	0.02	265.33	1.45	139.56	94.24	28.27	13.34	5.22	2.44	8.43	0.94	0.43	1.06	0.38	2.54	8.59	28.95	601.16
482503	7769801	285389	0.00	211.89	1.34	109.07	73.25	22.23	10.47	4.32	2.26	6.69	0.79	0.48	0.86	0.38	2.68	5.37	23.87	475.94
482497	7769701	285390	0.00	198.38	1.32	100.27	69.63	20.96	10.34	4.19	2.04	6.70	0.76	0.41	0.85	0.32	2.35	4.91	21.59	445.01
482601	7771202	285410	0.01	350.09	1.74	163.02	119.55	34.92	18.84	8.45	4.01	13.02	1.52	0.72	1.73	0.61	4.17	11.35	44.57	778.30
482596	7771102	285411	0.00	326.75	1.64	151.87	109.52	33.35	17.10	8.18	4.17	11.70	1.51	0.81	1.60	0.67	4.73	15.34	44.45	733.40
482599	7770996	285412	0.00	417.65	2.05	192.33	142.88	42.65	22.50	8.65	3.48	14.98	1.42	0.59	1.85	0.53	3.50	11.66	43.69	910.39
482603	7770900	285413	0.00	363.60	1.61	159.50	121.30	36.00	18.50	7.26	3.11	11.99	1.24	0.57	1.52	0.47	3.29	10.89	36.32	777.16
482600	7770803	285414	0.00	171.36	1.38	85.73	62.98	18.67	10.47	4.98	2.36	7.40	0.89	0.41	0.99	0.37	2.45	14.26	26.41	411.11
482605	7770701	285415	0.00	210.05	1.53	101.56	75.93	22.47	12.23	6.04	2.94	8.77	1.10	0.57	1.18	0.47	3.31	14.26	33.02	495.44
482597	7770599	285416	0.18	112.64	1.39	57.23	44.44	13.17	7.62	4.77	2.63	5.67	0.95	0.47	0.86	0.42	2.88	21.01	26.67	302.83
482600	7770405	285418	0.48	273.93	1.70	136.04	101.94	30.32	16.41	7.47	3.48	11.18	1.34	0.60	1.49	0.53	3.59	16.72	38.48	645.22
482609	7770304	285419	0.01	192.85	1.48	94.06	66.02	19.69	9.95	4.87	2.62	6.74	0.93	0.51	0.94	0.42	2.97	11.35	25.78	441.19
482601	7770199	285420	0.00	601.90	2.34	313.13	210.53	64.15	28.87	8.63	3.49	16.94	1.42	0.61	1.98	0.51	3.54	8.59	42.16	1308.81
482604	7770102	285421	0.00	339.03	1.55	161.84	113.49	34.67	15.94	6.01	2.87	9.92	1.08	0.57	1.22	0.47	3.31	10.28	30.10	732.37
482601	7770001	285422	0.00	267.79	1.44	133.70	87.36	26.82	12.41	5.37	2.90	7.80	1.03	0.61	1.02	0.48	3.50	8.59	31.75	592.57
482600	7769905	285423	0.00	187.94	1.27	96.75	64.73	19.81	9.68	4.09	2.25	6.32	0.78	0.44	0.81	0.35	2.62	5.83	24.00	427.69
482601	7769801	285424	0.00	342.72	1.68	174.74	118.39	35.64	16.70	5.73	2.62	10.14	1.01	0.52	1.23	0.42	2.93	6.29	29.72	750.47
482601	7769702	285425	0.00	314.46	1.64	153.63	109.52	33.10	16.12	5.58	2.46	10.20	0.97	0.50	1.22	0.38	2.76	6.44	27.94	686.93
482698	7771198	285433	0.00	272.70	1.34	127.25	89.46	27.18	14.32	5.95	2.52	9.31	0.99	0.45	1.22	0.38	2.74	7.82	29.59	593.22
482699	7771094	285434	0.00	386.94	1.70	190.58	135.30	41.32	20.99	7.91	3.68	13.43	1.42	0.61	1.71	0.58	3.76	8.59	48.00	866.51
482704	7771004	285435	0.00	405.36	1.97	192.33	139.97	42.77	21.63	7.71	3.20	13.54	1.31	0.51	1.69	0.48	3.13	9.36	36.96	881.92
482703	7770897	285436	0.00	325.52	1.64	161.84	114.54	35.52	17.92	7.07	3.36	11.58	1.26	0.60	1.51	0.55	3.61	9.82	39.24	735.58
482699	7770807	285437	0.00	348.86	1.85	171.81	122.47	37.21	18.79	7.37	3.35	12.68	1.31	0.56	1.60	0.51	3.42	7.82	39.62	779.22
482703	7770699	285438	0.12	146.18	1.29	70.25	51.90	15.16	8.77	5.07	2.94	6.40	0.99	0.51	0.89	0.48	3.15	21.01	30.73	365.72
482701	7770501	285440	0.01	227.86	1.37	112.23	79.43	24.40	13.34	5.46	2.55	8.88	0.97	0.43	1.14	0.40	2.61	9.66	29.46	520.20
482706	7770403	285441	0.00	146.18	1.29	70.95	49.22	15.22	7.53	3.64	1.98	5.15	0.71	0.36	0.73	0.33	2.22	9.82	21.33	336.66
482702	7770304	285442	0.00	224.18	1.22	108.01	69.52	21.93	10.13	4.32	2.41	6.45	0.81	0.49	0.86	0.42	2.98	7.67	24.89	486.30
482702	7770201	285443	0.00	248.13	1.57	134.87	84.56	26.94	12.76	6.58	4.03	8.56	1.36	0.85	1.21	0.72	5.14	20.09	44.32	601.70
482702	7770100	285444	0.00	273.93	1.55	140.15	88.88	27.91	13.45	5.80	3.20	8.60	1.12	0.65	1.13	0.54	3.80	10.89	35.81	617.40
482704	7770001	285445	0.00	331.66	1.68	171.81	111.04	34.80	16.18	6.20	3.19	10.14	1.15	0.59	1					

East	North	Sample ID	Au ppb	CeO2 ppm	Eu2O3 ppm	La2O3 ppm	Nd2O3 ppm	Pr6O11 ppm	Sm2O3 ppm	Dy2O3 ppm	Er2O3 ppm	Gd2O3 ppm	Ho2O3 ppm	Lu2O3 ppm	Tb4O7 ppm	Tm2O3 ppm	Yb2O3 ppm	Sc2O3 ppm	Y2O3 ppm	TREO ppm
482802	7770902	285468	0.00	425.02	1.74	204.06	148.13	44.58	22.03	7.40	2.89	13.83	1.20	0.48	1.71	0.42	2.69	6.75	37.21	920.14
482799	7770805	285469	0.00	156.00	1.09	79.51	52.84	16.67	8.43	4.33	2.41	5.89	0.84	0.48	0.81	0.42	2.82	9.66	26.16	368.37
482803	7770601	285471	0.44	95.57	1.17	45.62	36.74	10.26	6.47	4.58	2.73	5.31	0.94	0.48	0.79	0.46	2.95	30.06	30.10	274.22
482806	7770505	285472	0.00	284.98	1.56	139.56	98.21	30.45	15.83	6.79	3.13	10.87	1.24	0.55	1.42	0.50	3.56	9.82	36.83	645.30
482799	7770402	285473	0.00	242.60	1.73	125.49	80.36	25.13	12.12	5.54	2.92	8.25	1.07	0.55	1.11	0.49	3.21	10.89	34.92	556.37
482803	7770300	285474	0.00	126.52	1.00	64.03	41.52	12.99	6.10	2.95	1.64	4.15	0.60	0.32	0.56	0.27	1.92	6.60	18.67	289.84
482803	7770199	285475	0.01	291.12	1.24	146.01	94.13	29.24	13.51	5.26	2.84	8.66	1.01	0.59	1.09	0.48	3.38	9.05	30.61	638.21
482797	7770100	285476	0.00	385.71	1.66	185.30	127.14	40.11	18.38	6.15	2.62	11.53	1.05	0.47	1.36	0.43	2.84	5.52	29.72	819.98
482799	7770003	285477	0.00	191.63	1.23	101.80	62.98	20.12	9.03	4.63	2.79	6.04	0.92	0.57	0.86	0.47	3.27	9.51	29.59	445.42
482796	7769900	285478	0.00	330.43	1.46	170.64	106.84	33.59	15.07	4.83	2.24	9.27	0.84	0.40	1.11	0.34	2.23	6.60	26.03	711.92
482806	7769802	285479	0.00	393.08	1.75	194.68	131.80	40.84	19.31	6.73	3.05	12.04	1.17	0.56	1.48	0.49	3.28	8.13	35.69	854.07
482804	7769698	285480	0.00	211.28	1.29	109.77	70.92	22.53	10.82	4.28	2.26	6.84	0.80	0.48	0.87	0.39	2.73	5.68	25.27	476.20
482895	7771204	285486	0.00	156.62	0.78	60.40	47.12	14.26	8.13	4.67	2.63	5.97	0.90	0.53	0.89	0.46	3.20	16.87	25.14	348.58
482902	7771102	285487	0.00	264.10	1.32	125.49	91.33	28.75	15.48	6.11	2.81	9.75	1.09	0.53	1.29	0.47	3.02	9.36	33.53	594.42
482901	7770999	285488	0.02	265.33	1.44	130.18	91.56	28.15	15.07	5.74	2.69	9.59	1.01	0.48	1.23	0.42	2.84	8.44	32.64	596.80
482906	7770900	285489	0.04	122.10	1.04	60.63	43.39	12.99	7.28	4.44	2.55	5.41	0.88	0.49	0.80	0.42	2.79	17.49	27.81	310.51
482891	7770805	285490	0.29	87.09	1.00	44.68	34.17	9.73	5.94	3.98	2.32	4.63	0.79	0.38	0.71	0.35	2.35	22.85	25.78	246.75
482898	7770602	285492	0.00	166.44	1.37	90.54	59.95	18.73	9.65	4.87	2.92	6.28	1.00	0.57	0.92	0.50	3.34	9.82	32.89	409.77
482897	7770501	285493	0.00	230.93	1.26	117.86	73.60	23.44	11.02	4.25	2.28	6.60	0.80	0.45	0.86	0.39	2.61	7.67	25.91	509.93
482905	7770405	285494	0.00	196.54	1.24	102.97	63.68	20.36	9.80	3.80	1.89	6.05	0.70	0.39	0.79	0.32	2.22	6.60	22.73	440.07
482901	7770293	285495	0.07	189.78	1.30	99.10	60.54	19.51	9.16	3.82	2.07	5.62	0.72	0.39	0.78	0.34	2.31	7.67	24.00	427.11
482896	7770203	285496	0.00	277.61	1.48	140.15	89.46	28.03	13.51	5.45	2.97	8.26	1.02	0.57	1.09	0.49	3.31	9.97	33.40	616.79
482901	7770101	285497	0.00	323.06	1.61	171.81	107.42	33.71	16.06	6.01	2.93	9.81	1.10	0.58	1.25	0.49	3.29	9.05	36.32	724.50
482901	7770003	285498	0.00	385.71	1.73	195.27	126.55	39.75	18.67	6.48	3.28	11.24	1.18	0.63	1.40	0.54	3.62	9.05	38.61	843.69
482901	7769905	285499	0.00	255.50	1.33	133.11	82.00	26.10	12.06	4.32	2.23	7.07	0.79	0.44	0.89	0.37	2.49	6.60	26.92	562.21
482902	7769805	285500	0.00	347.63	1.66	175.92	115.94	36.24	16.47	5.89	2.76	10.19	1.04	0.50	1.26	0.42	2.80	6.60	34.03	759.34
483003	7771206	285515	0.00	221.72	1.24	106.14	72.78	22.96	12.06	5.29	2.64	7.70	0.97	0.49	1.07	0.43	3.04	9.20	30.61	498.34
483002	7771102	285516	0.00	246.90	1.27	108.36	73.95	23.32	12.18	5.74	3.02	8.11	1.10	0.59	1.15	0.50	3.45	24.54	35.18	549.37
482996	7771000	285517	0.02	182.41	1.34	92.65	65.20	20.30	11.23	5.54	3.17	7.54	1.09	0.56	1.08	0.51	3.34	14.88	35.94	446.77
483006	7770704	285520	0.00	282.53	1.31	138.97	95.99	29.96	15.36	5.52	2.52	9.35	0.95	0.43	1.20	0.41	2.57	7.98	31.24	626.30
483000	7770603	285521	0.00	314.46	1.45	152.46	107.07	32.98	16.35	6.73	3.08	10.98	1.17	0.55	1.45	0.48	3.23	11.20	37.97	701.61
483000	7770503	285522	0.00	281.30	1.39	146.60	93.78	29.48	14.09	5.42	2.56	9.22	0.96	0.45	1.16	0.40	2.71	9.51	31.11	630.14
483001	7770403	285523	0.00	307.09	1.39	153.05	95.76	30.81	14.67	5.20	2.64	8.82	0.96	0.51	1.13	0.42	2.92	7.82	31.49	664.68
483001	7770305	285524	0.00	266.56	1.88	140.15	88.88	28.27	13.74	6.11	3.17	9.13	1.13	0.59	1.20	0.53	3.47	12.58	38.61	615.98
483000	7770199	285525	0.00	161.53	1.31	80.45	52.60	16.85	8.34	4.22	2.58	5.50	0.85	0.50	0.80	0.45	2.97	11.50	27.68	378.15
483001	7770107	285526	0.00	205.14	1.47	103.56	69.28	21.93	10.59	4.51	2.38	6.74	0.86	0.43	0.89	0.39	2.56	9.82	27.56	468.10
483002	7769994	285527	0.00	284.98	1.44	148.36	91.44	29.24	13.97	5.29	2.92	8.31	1.02	0.57	1.09	0.48	3.30	9.05	33.15	634.61
483003	7769910	285528	0.00	262.87	1.45	134.87	85.61	27.18	13.68	5.78	3.28	8.22	1.10	0.68	1.13	0.57	4.04	18.41	35.81	604.69
483003	7769802	285529	0.00	313.24	1.52	160.67	103.34	32.50	15.48	5.65	2.97	9.24	1.05	0.63	1.20	0.50	3.47	12.42	35.18	699.06
483103	7770902	285538	0.32	164.60	1.27	81.04	60.54	18.18	10.36	5.11	2.63	7.04	0.96	0.43	0.96	0.43	2.68	25.15	30.35	411.74
483103	7770799	285539	0.00	197.77	1.20	103.44	69.63	21.87	11.32	4.83	2.54	7.20	0.93	0.48	1.00	0.41	2.74	9.05	31.11	465.53
483106	7770699	285540	0.00	173.20	1.02	88.66	58.67	18.18	9.85	4.17	2.16	6.04	0.79	0.43	0.85	0.37	2.48	6.75	25.14	398.76
483099	7770603	285541	0.00	235.85	1.05	107.07	82.35	25.37	14.84	6.73	3.33	9.41	1.21	0.61	1.35	0.55	3.75	14.11	36.83	544.41
483104	7770505	285542	0.00	152.93	0.89	74.94	49.45	15.65	8.82	5.05	2.94	6.07	1.01	0.55	0.93	0.50	3.27	10.89	33.15	367.04
483100	7770406	285543	0.00	144.33	1.04	60.28	44.91	13.77	7.42	4.94	3.29	5.61	1.04	0.68	0.89	0.57	4.01	16.57	30.10	339.46
483102	7770300	285544	0.00	245.67	1.13	120.21	81.88	25.61	11.89	4.38	2.12	7.40	0.78	0.42	0.95	0.35	2.41	7.06	21.84	534.12
483097	7770197	285545	0.00	307.09	1.51	154.81	95.53	30.69	13.51	5.02	2.46	8.48	0.93	0.48	1.05	0.42	2.87	9.82	28.83	663.47
483098	7770104	285546	0.00	315.69	1.26	158.91	101.24	32.50	14.32	4.56	2.01	8.54	0.78	0.36	1.00	0.31	2.16	6.29	24.38	674.32
483203	7771401	285559	0.62	208.82	1.39	98.98	70.45	22.05	11.94	6.15	3.06	8.89	1.15	0.38	1.26	0.40	2.55	24.23	35.69	497.39
483205	7771303	285560	0.02	106.13	1.10	52.19	42.69	12.08	7.22	4.02	2.09	5.35	0.76	0.32	0.78	0.32	2.04	17.33	21.59	276.00
483196	7771205	285561	0.00	302.18	1.79	150.70	112.79	34.19	18.21	8.02	3.42	12.91	1.35	0.49	1.66	0.49	3.15	15.18	40.26	706.80
483203	7771102	285562	0.00	355.00	1.57	163.02	121.89	37.69	19.25	7.55	2.95	13.20	1.21	0.47	1.67	0.43	2.81	9.20	36.19	774.11
483201	7770999	285563	0.00	210.05	1.45	108.60	74.18	23.20	11.77	5.33	2.52	8.08	0.92	0.44	1.07	0.40	2.65	8.28	29.72	488.65
483205	7770898	285564	0.01	385.71	1.82	185.88	129.47	39.51	19.60	7.86	3.52	13.20	1.37	0.63	1.69	0.56	3.72	11.50	42.67	848.72
483206	7770801	285565	0.00	226.02	1.15	113.41	76.86	23.74	12.23	5.42	2.69	8.26	0.99	0.47	1.13	0.42	2.82	11.20	31.24	518.05
483204	7770701	285566	0.00	245.06	1.26	124.90	82.23	25.85	12.52	5.41	2.54	8.73	0.96	0.43	1.15	0.40	2.71	9.66	30.22	554.05
483201	7770606	285567	0.00	211.89	1.10	101.68	72.08	22.41	11.45	5.54	2.87	7.92	1.01	0.57	1.11	0.4				

ABOUT SUNSHINE GOLD

Sunshine Gold is focused on its high-quality gold and copper projects in Queensland comprising a 100% interest in the Triumph, Hodgkinson, Investigator and Ravenswood West projects.

Ravenswood West Gold-Copper-Rare Earth Project

(EPM 26041, EPM 26152, EPM 26303, EPM 26304, EPM 27824, EPM 27825: 100%)

Ravenswood West is comprised of a significant holding (392 km²) of highly prospective gold-copper ground within 5 kms of the Ravenswood Mining Centre (4 Moz Au produced, a further 4.3 Moz Au in Resource and 1.8 Moz in Ore Reserves). The Ravenswood Mining Centre was purchased by EMR Capital and Golden Energy & Resources Ltd. (SGX:AUE) in 2020 for up to \$300m and is presently subject to a ~\$200m upgrade. In addition, there are three other gold mills within 100 km, two of which are toll treating.

The Project is highly prospective for intrusion-related and orogenic gold, porphyry gold-copper-molybdenum and rare earth elements. Ravenswood West covers 20-25 km of strike along a major fault that links Pajingo (4 Moz) and Ravenswood (9.8 Moz) and contains numerous historic gold workings.

Triumph Gold Project (EPM18486, EPM19343: 100%)

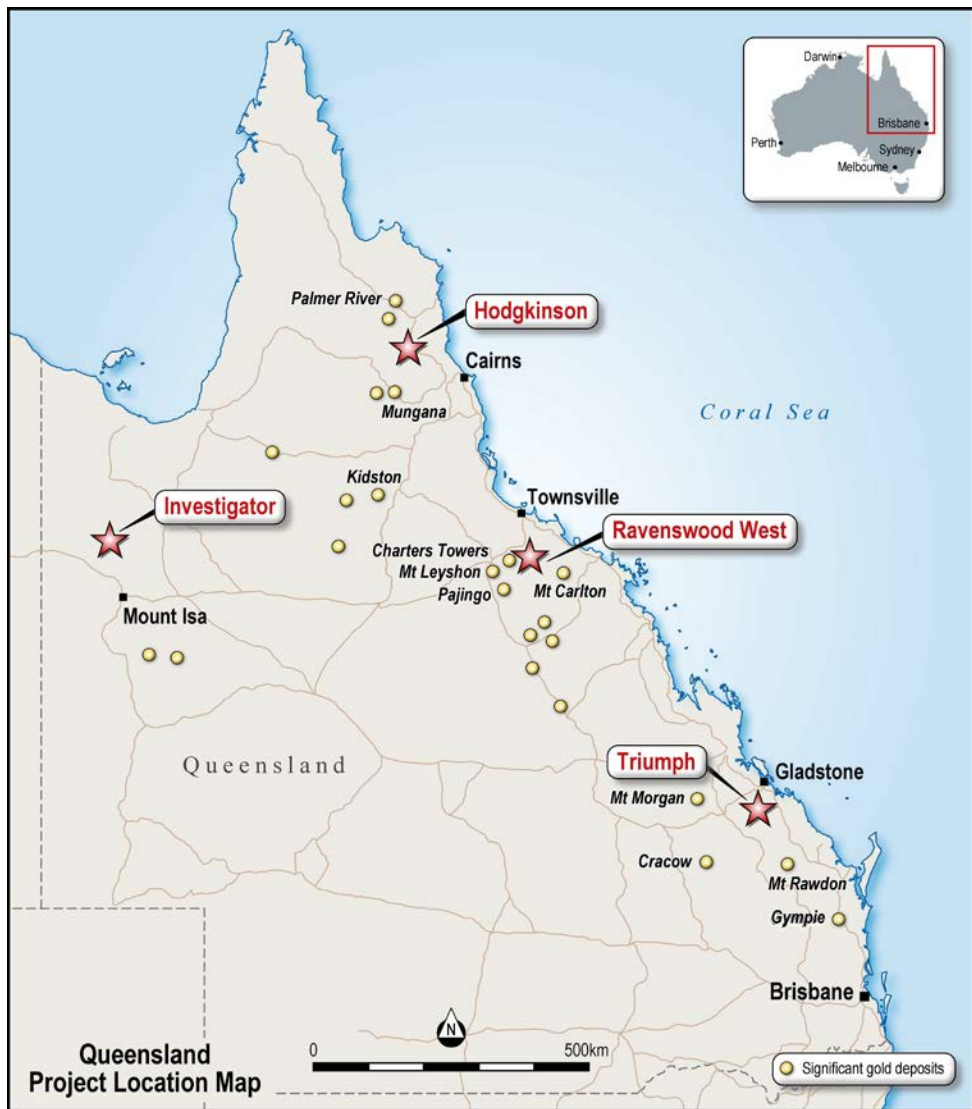
Triumph is centred around the historical Norton gold field from which ~20,000 oz of gold was extracted between 1879-1941. The project is located 50km south of the mining hub of Gladstone and comprises tenements covering 138km². Triumph is located within the Wandilla Province of the New England Orogen. Nearby large gold deposits include Mt Rawdon (2.8 Moz Au), Mt Morgan (8 Moz Au and 0.4 Mt Cu) and Cracow (2 Moz Au). Triumph is a 15km² intrusion related gold system which has the potential to host both discrete high-grade vein deposits and large-scale, shear hosted gold deposits.

Hodgkinson Gold Copper Project (EPM18171, EPM19809, EPM25139, EPM27539, EPM27574, EPM27575: 100%)

Hodgkinson is located 100km north east of Cairns in North Queensland. The project comprises tenements covering 365km². The project is situated between the Palmer River alluvial gold field (1.35 Moz Au) and the historic Hodgkinson gold field (0.3 Moz Au) and incorporates the Elephant Creek Gold, Peninsula Gold-Copper and Campbell Creek Gold prospects. Hodgkinson has been extensively explored for tungsten, owing to its proximity to the Watershed and Mt Carbine tungsten deposits, but underexplored for gold. BHP-Utah International completed stream sediment sampling across the project in the late 1980's and confirmed that the area was anomalous in gold as well as tungsten.

Investigator Copper Project (EPM27344, EPM27345: 100%)

Investigator comprises tenements covering 115km². It is located 110km north of Mt Isa and 12km south of the Mt Gordon Copper Mine. Investigator has seen no modern exploration and importantly, no holes have been drilled in the most prospective stratigraphic and structural positions.



JORC Code, 2012 Edition TABLE 1

Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	- Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. - Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. - Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	Historical Drilling: Stavely Minerals – Sulphide bearing intervals were sampled as half core and submitted to laboratory for analysis. Sample intervals were based on lithology and typically 1m length, with no intervals smaller than 0.4m and none larger than 1.2m. Rock Chip Sampling: BHP Exploration – Sampling methodology unknown Stream Sediment Samples: BHP Exploration – Stream sediments were collected as -2mm BLEG samples with -80 mesh samples also collected for re-assay if required. Stavely Minerals – The stream sediment samples were taken from a reasonably straight section of the stream away from turbulent flow. The surface sand was removed and a sample was taken from a depth of between 5 and 20cm. The sample was sieved with a 4mm mesh to remove the larger fraction and placed in labelled calico bags. Sample preparation was completed by Stavely Minerals' personnel. Preparation involved mechanical sieving using a -80 mesh sieve stack to produce an > 100g sample, which was weighed on a digital kitchen scale and was subsequently placed in a corresponding numbered brown paper geochem bag. Damp samples were sun dried prior to sieving. The fines were submitted to ALS Laboratory in Townsville. Soil Samples Stavely Minerals – Soils were collected from the B-Horizon and sieved to -2mm using a coarse mesh. This was placed in a ziplock bag and subsequently sieved again to -80mesh out of field by Stavely personnel and placed in corresponding paper geochem bags, of weight 100 – 150g. Sunshine Gold – Samples were collected from between 5 – 15cm below existing surface and sieved to -80 mesh size. A sampling pick is used to remove the top 5cm of vegetation and dirt (A-Horizon) and then a roughly 40cm x 40cm sized hole is dug and turned over. The dirt is sieved to -80 mesh and approximately 100g of sample is placed within a numbered paper bag. The samples were transported by SHN to the laboratory for assay.

Criteria	JORC Code explanation	Commentary
Drilling techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).	Historical Drilling: Stavely Minerals – Holes collared in PQ and completed in HQ size. Standard tube. Core was orientated using Reflex ACT III orientation tool.
Drill sample recovery	- Method of recording and assessing core and chip sample recoveries and results assessed. - Measures taken to maximise sample recovery and ensure representative nature of the samples. - Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	Historical Drilling: Stavely Minerals – Core recoveries are recorded in the database, with holes reportedly returning excellent recovery throughout. Diamond core is reconstructed into continuous runs on an angle iron cradle for orientation markings. Depths are checked against the depth given on the core blocks and rod counts are routinely carried out by the driller.
Logging	- Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. - Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. - The total length and percentage of the relevant intersections logged.	Historical Drilling: Stavely Minerals – Geological logging of samples following Company and industry common practice. Qualitative logging of samples including (but not limited to); lithology, mineralogy, alteration, veining and weathering. Diamond core logging included additional fields such as structure and geotechnical parameters. Magnetic Susceptibility measurements were taken for each 1m diamond core interval. All logging is quantitative, based on visual field estimates. Systematic photography of the diamond core in the wet and dry form was completed. Rock Chip Sampling: BHP Exploration – No record of rock-chip description for sample BKR-060, although some rocks collected at the same time were described. Historical Streams & Soils: Partial logging was undertaken to record substrate Sunshine Gold – No geological information has been logged whilst directly taking the soil sample. All samples are ensured they are not collected on top of infrastructure (e.g. historical workings) or from alluvial sources (e.g. creeks).
Sub- sampling techniques, sample preparation	- If core, whether cut or sawn and whether quarter, half or all core taken. - If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.	Historical Drilling: Stavely Minerals – The half core for the HQ diameter was sampled at Terra Search's yard in Townsville, Queensland. The sample sizes are considered to be appropriate to correctly represent the sought

Criteria	JORC Code explanation	Commentary
	- For all sample types, the nature, quality and appropriateness of the sample preparation technique. - Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. - Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling. - Whether sample sizes are appropriate to the grain size of the material being sampled.	mineralisation. Rock Chip Sampling: BHP Exploration – Sampling methodology unknown Stream Sediments: BHP Exploration – BLEG samples sieved to -2mm were taken, as well as corresponding -80mesh samples. The BLEG samples were sent to the laboratory, with follow up using the -80 mesh is required. Stavely Minerals – Approximately 100 – 150g of -80mesh sample was collected. The sample sizes are considered to be appropriate to correctly represent the sought mineralisation. Soil Sampling: Stavely Minerals – Approximately 100 – 150g of -80mesh sample was collected. The sample sizes are considered to be appropriate to correctly represent the sought mineralisation. Sunshine Gold – Approximately 100g of -80 mesh sample is collected. This is deemed representative of the B-Horizon soil as a point location. Laboratory in-house QAQC protocols are solely used.
Quality of data and laboratory tests	- The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. - For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.. - Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	Historical Drilling: Stavely Minerals – The core samples were analysed by multielement ICPAES Analysis – Method ME-ICP61. The core samples were also analysed for gold using a 30g fire assay. Laboratory QAQC involved the submission of standards and blanks. For each 20 samples, either a Certified Reference Material (CRM) standard or a blank was submitted. The analytical laboratory also provide their own routine quality controls within their own practices. The results from their own validations were provided to Stavely Minerals. Results from the CRM standards and the blanks gives confidence in the accuracy and precision of the assay data returned from ALS. Rock Chip Sampling: BHP Exploration – No methodologies are reported, but soils and stream samples at the same time used 2 to 3 acid digest with ICP-OES finish on for multi-element, including REEs.

Criteria	JORC Code explanation	Commentary
		Stream Sediment Samples: BHP Exploration – Stream sediment samples of -2mm size were analysed for Au by active cyanide solvent extraction, carbon rod finish. This is a partial extraction technique. Some of these were followed up by using 2 to 3 acid digest with ICP-OES finish on select samples for multi-element, including REEs. Stavely Minerals – The sieved -80 mesh stream sediment samples were analysed for gold by using an aqua regia extraction and ICP-MS finish. The determination of gold by aqua regia digest offers very low detection limits, making it an attractive option for soil and stream sediment sampling surveys. Multi-element data, including REEs, were assayed by four-acid digest and ICP-MS finish. Only internal laboratory QAQC was applied. Soil Sampling: Stavely Minerals – The sieved -80 mesh samples were analysed for gold by using an aqua regia extraction and ICP-MS finish. The determination of gold by aqua regia digest offers very low detection limits, making it an attractive option for soil and stream sediment sampling surveys. Multi-element data, including REEs, were assayed by four-acid digest and ICP-MS finish. Only internal laboratory QAQC was applied. Sunshine Gold – Soils were assayed using a 25g fire assay with ICP-AES finish, which is considered appropriate for this style of mineralisation. Fire assay is considered total assay for gold. All other elements, including REEs, were assayed using ICP-MS.
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • The use of twinned holes. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data.	Historical Drilling: Historical data is reported as per the open file or ASX reports. No twinned holes are available for direct correlation to drill hole. Primary assay data is available for the Stavely Minerals. No conversions on assays have been undertaken here. Soil and Stream Sediment Sampling: Samples will be collected by SHN near historical data and will be compared in due course. However, both Stavely Minerals and Sunshine Gold samples confirm anomalism within the boundaries of the Barrabas Adamellite. REE assays have been converted to their economic oxide

Criteria	JORC Code explanation	Commentary																																																												
		equivalents using the factors listed below: <table><tr><th>REO</th><th>Unit</th><th>Factor</th><th>Type</th></tr><tr><td>CeO₂</td><td>ppm</td><td>1.228</td><td>LREO</td></tr><tr><td>Eu₂O₃</td><td>ppm</td><td>1.158</td><td>LREO</td></tr><tr><td>La₂O₃</td><td>ppm</td><td>1.173</td><td>LREO</td></tr><tr><td>Nd₂O₃</td><td>ppm</td><td>1.166</td><td>LREO</td></tr><tr><td>Pr₆O₁₁</td><td>ppm</td><td>1.208</td><td>LREO</td></tr><tr><td>Sm₂O₃</td><td>ppm</td><td>1.160</td><td>LREO</td></tr><tr><td>Dy₂O₃</td><td>ppm</td><td>1.148</td><td>HREO</td></tr><tr><td>Er₂O₃</td><td>ppm</td><td>1.143</td><td>HREO</td></tr><tr><td>Gd₂O₃</td><td>ppm</td><td>1.153</td><td>HREO</td></tr><tr><td>Ho₂O₃</td><td>ppm</td><td>1.146</td><td>HREO</td></tr><tr><td>Lu₂O₃</td><td>ppm</td><td>1.137</td><td>HREO</td></tr><tr><td>Tb₄O₇</td><td>ppm</td><td>1.176</td><td>HREO</td></tr><tr><td>Tm₂O₃</td><td>ppm</td><td>1.142</td><td>HREO</td></tr><tr><td>Yb₂O₃</td><td>ppm</td><td>1.139</td><td>HREO</td></tr></table> In addition, prior to the REO conversions, historical data has been converted from parts per billion (ppb) to parts per million (ppm) by dividing by 1000.	REO	Unit	Factor	Type	CeO ₂	ppm	1.228	LREO	Eu ₂ O ₃	ppm	1.158	LREO	La ₂ O ₃	ppm	1.173	LREO	Nd ₂ O ₃	ppm	1.166	LREO	Pr ₆ O ₁₁	ppm	1.208	LREO	Sm ₂ O ₃	ppm	1.160	LREO	Dy ₂ O ₃	ppm	1.148	HREO	Er ₂ O ₃	ppm	1.143	HREO	Gd ₂ O ₃	ppm	1.153	HREO	Ho ₂ O ₃	ppm	1.146	HREO	Lu ₂ O ₃	ppm	1.137	HREO	Tb ₄ O ₇	ppm	1.176	HREO	Tm ₂ O ₃	ppm	1.142	HREO	Yb ₂ O ₃	ppm	1.139	HREO
REO	Unit	Factor	Type																																																											
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Location of data points	- Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. - Specification of the grid system used. - Quality and adequacy of topographic control.	Historical: BHP data was recorded in AGD84, Zone 55. Stavely Minerals – The grid system used by Stavely Minerals was GDA94, Zone 55. Sunshine Gold – Samples are located as points using handheld GPS in GDA94, Zone 55 format.																																																												
Data Spacing and distribution	- Data spacing for reporting of Exploration Results. - Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. - Whether sample compositing has been applied.	Historical Drilling: Historical drill holes were exploration holes only and therefore did not have a set spacing. The holes were considered appropriately located for the target. Sample intervals were based on lithology but in general were 1m. No intervals were less than 0.4m or greater than 1.2m. Rock Chip Sampling: BHP Exploration – No spacing due to the nature of the sampling method. Stream Sediments: BHP Exploration – Typically took 1 sample within 1.5km of stream Stavely Minerals – Due to the nature of the sampling method, no specific spacing is recorded and can vary between 30m to over 300m.																																																												

Criteria	JORC Code explanation	Commentary
		Soil Sampling: Stavely Minerals – A nominal 100m x 100m grid was used over the Bank area. Sunshine Gold – A nominal 200m x 200m grid was used on the edges of the sample area, closing to 100m x 100m in the core of the grid.
Orientation of data in relation to geological structure	- Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. - If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	Historical Drilling: Stavely Minerals – At the Bank Breccia, diamond drill hole SRD002 was oriented at -60o towards 130o magnetic azimuth to intercept the breccia. The hole was reportedly positioned to test at depth rock chip samples which returned up to 0.25 g/t Au and 45.7 g/t Ag, which are coincident with a Ag-Sb-As-Cu-Bi soil anomaly. Stream Sediment Sampling: Sample locations are limited by stream location. Soil Sampling: Stavely Minerals – The soil sampling grid was not orientated (100m by 100m sampling) and is considered to have achieved unbiased sampling. Sunshine Gold – An evenly spaced, unbiased N – S 100m x 100m grid is used to cover the Barrabas Adamellite in order to assist in distinguishing any mineralised orientations within the core of the unit.
Sample security	The measures taken to ensure sample security.	Historical Drilling: Stavely Minerals – Samples were hand delivered in closed poly-weave bags by Terra Search contractors to the ALS laboratory in Townsville. At the laboratory the samples are stored in a locked yard before being processed and tracked through preparation and analysis. Rock Chips, Stream Sediment Samples and Soil Samples: BHP Exploration – It is not known how samples were stored or transported. Stavely Minerals – The brown paper geochem sample bags containing the sieved stream sediment samples were packaged in a sealed cardboard box for hand delivery to ALS in Townsville, Queensland. Sunshine Gold – Samples were pre-numbered prior to collection. Samples are sieved when collected and placed

Criteria	JORC Code explanation	Commentary
		immediately into a paper geochemical bag marked with the sample ID. The paper bags are then placed in boxes or calicos with a numbered range. The samples are then transported by SHN to the laboratory. No third party was involved with the handling of the sample between collection and drop off.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Historical Datasets – Sampling techniques and data are considered standard for the time at which they were collected. As with all historical datasets, there is an acknowledged gap in the available information and as such should be treated with caution. Sunshine Gold – The sampling techniques are regularly reviewed during the program and further review will take place prior to future drilling. No external audits have been undertaken.

Section 2 – Reporting of Exploration Results (Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	- Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. - The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The Ravenswood West Project consists of EPMs 26041, 26152, 26303, 26404, 27824 and 27825. All EPMs are owned 100% by Ukalunda Pty Ltd and XXXX Gold Pty Ltd, both wholly owned subsidiaries of Sunshine Gold Limited. The tenements are in good standing and no known impediments exist. Two current, third party Mining Leases exist on EPM 26041 – named ML 10243 (Delour) and ML 10315 (Podosky). One further current, third party Mining Lease exists partially on EPM 26152 – named ML 1529 (Waterloo). All of EPM 26303 and part of EPM 26041 are situated within the Burdekin Falls Dam catchment area.

Criteria	JORC Code explanation	Commentary																
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Numerous exploration companies have explored within the Ravenswood West Project area, namely North Broken Hill, New Consolidated Gold Fields, Noranda, Planet Metals, MAT, Nickel Mines Ltd, Minefields, Kennecott, Cormepar Minerals, Geopeko, Esso, Dampier Mining, IMC, CRA, Ravenswood Resources, Dalrymple Resource, BJ Hallt, Poseidon, Haoma Mining, Kitchener Mining, Placer, Goldfields, Carpentaria Gold, MIM, BHP, and Stavely Minerals.																
Geology	Deposit type, geological setting and style of mineralisation.	The Ravenswood West Project area is located within open file 100k map sheet area 8257. The project is hosted within the Ravenswood Batholith of the Charters Towers Province, which consists primarily of Ordovician to Silurian granitoids and lesser sedimentary packages. The area is considered by SHN to be prospective for orogenic and intrusion-related gold deposits, as well as granitoid-related copper, molybdenum, silver and rare earth deposits. There also appears to be prospectivity for MVT deposits on the fringes of the tenement area.																
Drill hole information	- A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: - easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar - dip and azimuth of the hole - down hole length and intercept depth - hole length.	Stavely Minerals drill hole SRD002: <table><tr><th>Hole ID</th><th>SRD002</th></tr><tr><td>Depth</td><td>420.7</td></tr><tr><td>Grid ID</td><td>MGA94, Zone 55</td></tr><tr><td>East</td><td>480,045</td></tr><tr><td>North</td><td>7,771,233</td></tr><tr><td>RL</td><td>210</td></tr><tr><td>Dip</td><td>-60</td></tr><tr><td>Azimuth (Grid)</td><td>144.7</td></tr></table>	Hole ID	SRD002	Depth	420.7	Grid ID	MGA94, Zone 55	East	480,045	North	7,771,233	RL	210	Dip	-60	Azimuth (Grid)	144.7
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Data aggregation methods	• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. • Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. • The assumptions used for any reporting of metal equivalent values should be clearly stated.	TREO calculations have been used to convert elemental assays into their economic oxide counterparts, using the following table, where the “Factor” is the number by which the original elemental value is multiplied. <table><tr><th>REO</th><th>Unit</th><th>Factor</th><th>Type</th></tr><tr><td>CeO₂</td><td>ppm</td><td>1.228</td><td>LREO</td></tr><tr><td>Eu₂O₃</td><td>ppm</td><td>1.158</td><td>LREO</td></tr><tr><td>La₂O₃</td><td>ppm</td><td>1.173</td><td>LREO</td></tr><tr><td>Nd₂O₃</td><td>ppm</td><td>1.166</td><td>LREO</td></tr><tr><td>Pr₆O₁₁</td><td>ppm</td><td>1.208</td><td>LREO</td></tr><tr><td>Sm₂O₃</td><td>ppm</td><td>1.160</td><td>LREO</td></tr><tr><td>Dy₂O₃</td><td>ppm</td><td>1.148</td><td>HREO</td></tr><tr><td>Er₂O₃</td><td>ppm</td><td>1.143</td><td>HREO</td></tr><tr><td>Gd₂O₃</td><td>ppm</td><td>1.153</td><td>HREO</td></tr><tr><td>Ho₂O₃</td><td>ppm</td><td>1.146</td><td>HREO</td></tr><tr><td>Lu₂O₃</td><td>ppm</td><td>1.137</td><td>HREO</td></tr><tr><td>Tb₄O₇</td><td>ppm</td><td>1.176</td><td>HREO</td></tr><tr><td>Tm₂O₃</td><td>ppm</td><td>1.142</td><td>HREO</td></tr><tr><td>Yb₂O₃</td><td>ppm</td><td>1.139</td><td>HREO</td></tr></table>	REO	Unit	Factor	Type	CeO ₂	ppm	1.228	LREO	Eu ₂ O ₃	ppm	1.158	LREO	La ₂ O ₃	ppm	1.173	LREO	Nd ₂ O ₃	ppm	1.166	LREO	Pr ₆ O ₁₁	ppm	1.208	LREO	Sm ₂ O ₃	ppm	1.160	LREO	Dy ₂ O ₃	ppm	1.148	HREO	Er ₂ O ₃	ppm	1.143	HREO	Gd ₂ O ₃	ppm	1.153	HREO	Ho ₂ O ₃	ppm	1.146	HREO	Lu ₂ O ₃	ppm	1.137	HREO	Tb ₄ O ₇	ppm	1.176	HREO	Tm ₂ O ₃	ppm	1.142	HREO	Yb ₂ O ₃	ppm	1.139	HREO
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Relationship between mineralisation widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. ‘down hole length, true width not known’).	The geometry of the drill hole mineralisation is subject to ongoing interpretation and as such intervals are reported in downhole length only. Refer JORC Table 1, Section 1.																																																												
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Refer to figures contained within this report.																																																												
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced, to avoid misleading reporting of Exploration Results.	All results are presented in figures and tables contained within this report.																																																												

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Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	No other material data is presented in this report.