ASX Announcement
ASX: SUP
30th January 2019
superiorlake.com.au

SUPERIOR LAKE
RESOURCES

Multiple near-mine zinc targets identified

Highlights

- Superior Lake identifies seven high-priority, near-mine exploration targets at the Superior Lake Zinc Project.
    - Repetition of mineralised zones are typical at VMS systems similar to the Superior Lake Project
- Superior Lake will use focused geophysics to test all high priority targets during February 2019.
- Discovery of additional mineralisation could further enhance the Project's already robust economics by further increasing the Projects current mine life.
- Drilling of the mid Pick Lake area nears completion with assay results expected during February 2019.

Superior Lake Resources Limited (ASX: SUP) is pleased to announce exploration at its Superior Lake Zinc Project in Ontario, Canada has identified seven high-priority (refer to Figure 1), near-mine targets that have the potential to enhance the Project's long-term economics.

Superior Lake's integrated exploration program is focused on an area with an Exploration Target[1] of between 2.1 to 5.2 million tonnes at a grade ranging between 13.3% to 15.4% Zn (see ASX Announcement dated 26 September 2018).

The Restart Study, completed in October 2018, forecast the Project will produce approximately 46,000tpa Zn with low forecasted AISC of US$0.51/lb (see ASX announcement dated 10 October 2018). Tribeca Investment Partners has been appointed arranger for Project Finance Facilities of up to US$60 million.

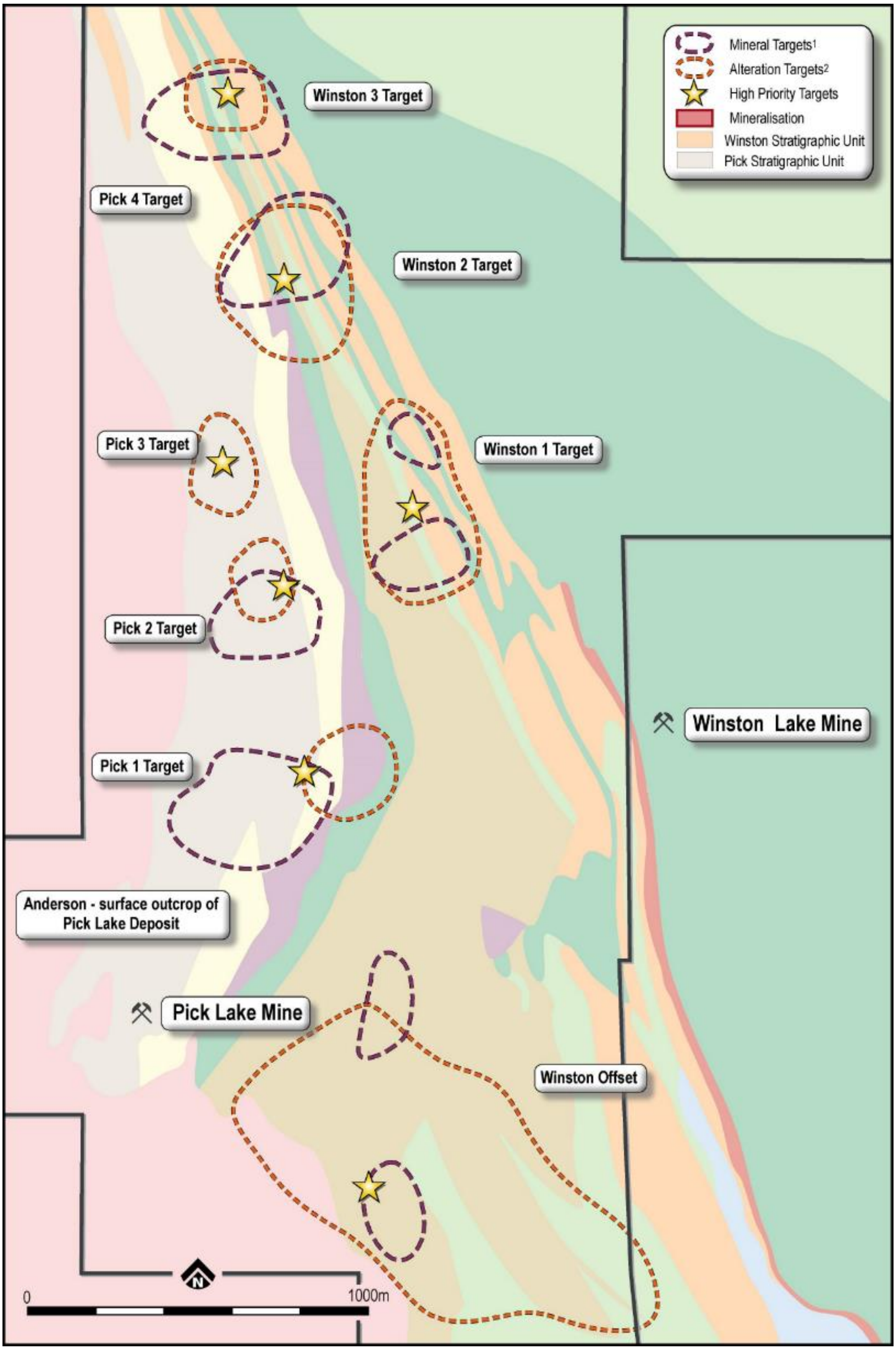
Superior Lake Chief Executive Officer David Woodall said:

"Our work to date at Superior Lake has demonstrated its potential to be in the lowest-cost quartile of zinc producers globally, however new discoveries from targets such as these will improve our economics even further.

"Our exploration is focused on possible extensions to known deposits, and discovery of new nearby deposits. Identifying these new targets is a significant result for the long-term growth potential of the Project, as it indicates the possible repetition of mineralised zones, typical for VMS systems, open along strike and at depth. The work has confirmed the importance of structure and stratigraphy as primary controls for high grade zinc mineralisation."

[1] *The potential quantity and grade of the Exploration Target is conceptual in nature and therefore is an approximation. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The proposed activities designed to test the validity of the Exploration Target and the timeframe within which those activities are expected to be completed are set out on page 6 of this announcement. The exploration target is defined by a combination of drilling informed kriged block model estimation based on resource geological wireframes where the data density and sample support does not meet the criteria for either indicated or inferred classification and extrapolation of the block modelled exploration target into extensional zones that have not been tested by drilling but in which geological continuity is supported by either geological mapping or outlying mineralised drill hole intercepts below a 1% Zn cut off that suggest continuity. Grade assigned from global average grade estimate for modeled component. The Exploration Target is based largely on extensions of the reported classified resource into areas that have not been drill-tested in the past.*

Figure 1: High Priority Targets Identified at Superior Lake



Notes:

1. *Mineral Targets – Identifies potential VMS Alteration – defining zones of iron enrichment, sodium depletion and potassium and magnesium enrichment*
2. *Whole Rock Alteration – Identifies potential VMS Alteration –Alteration Index (AI), Chlorite Carbonate Pyrite Index (CCP) and Sericite Index (ratio of AI to CCP)*

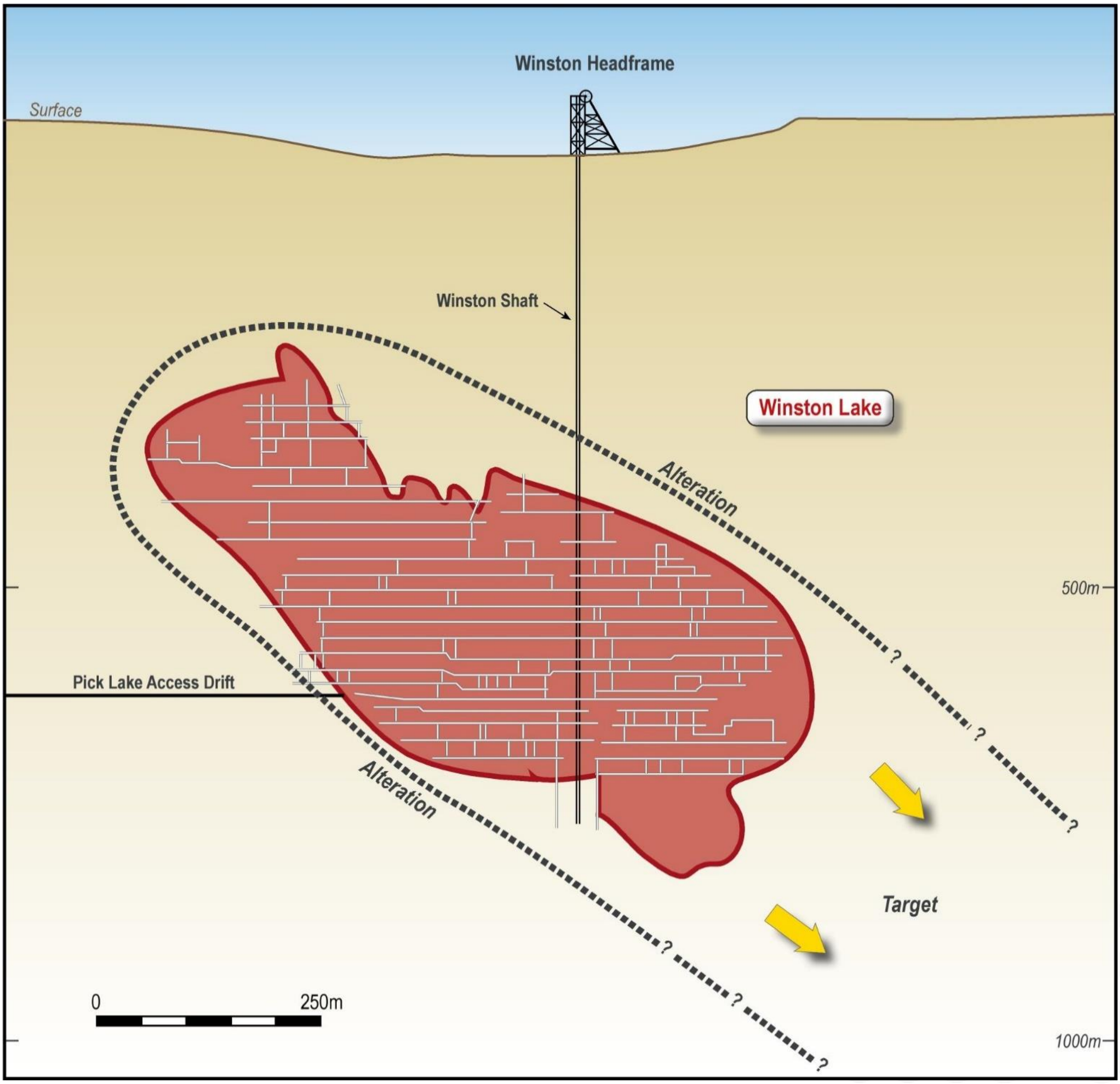
Litho-geochemical and Structural Program Results

Superior Lake has completed a geological structural and litho-geochemistry review of the Company's brownfield exploration area of interest, which confirmed two distinct mineralised stratigraphic intervals that host the Pick and Winston Deposits.

Superior Lake used airborne electromagnetic ("AEM") anomalies as a lead indicator to the possible location of alteration. Inspection in the field of these AEM anomalies and observation of mineralogy followed by litho-geochemical assays of rock samples, confirmed the alteration as VMS style.

This work identified the significant alteration footprint of Winston (600m on strike 300m across strike), with an important observation that the plunge of known mineralisation relative to surface alteration shows distinctive patterns with long plunge direction. The alteration footprint is much larger than mineralisation.

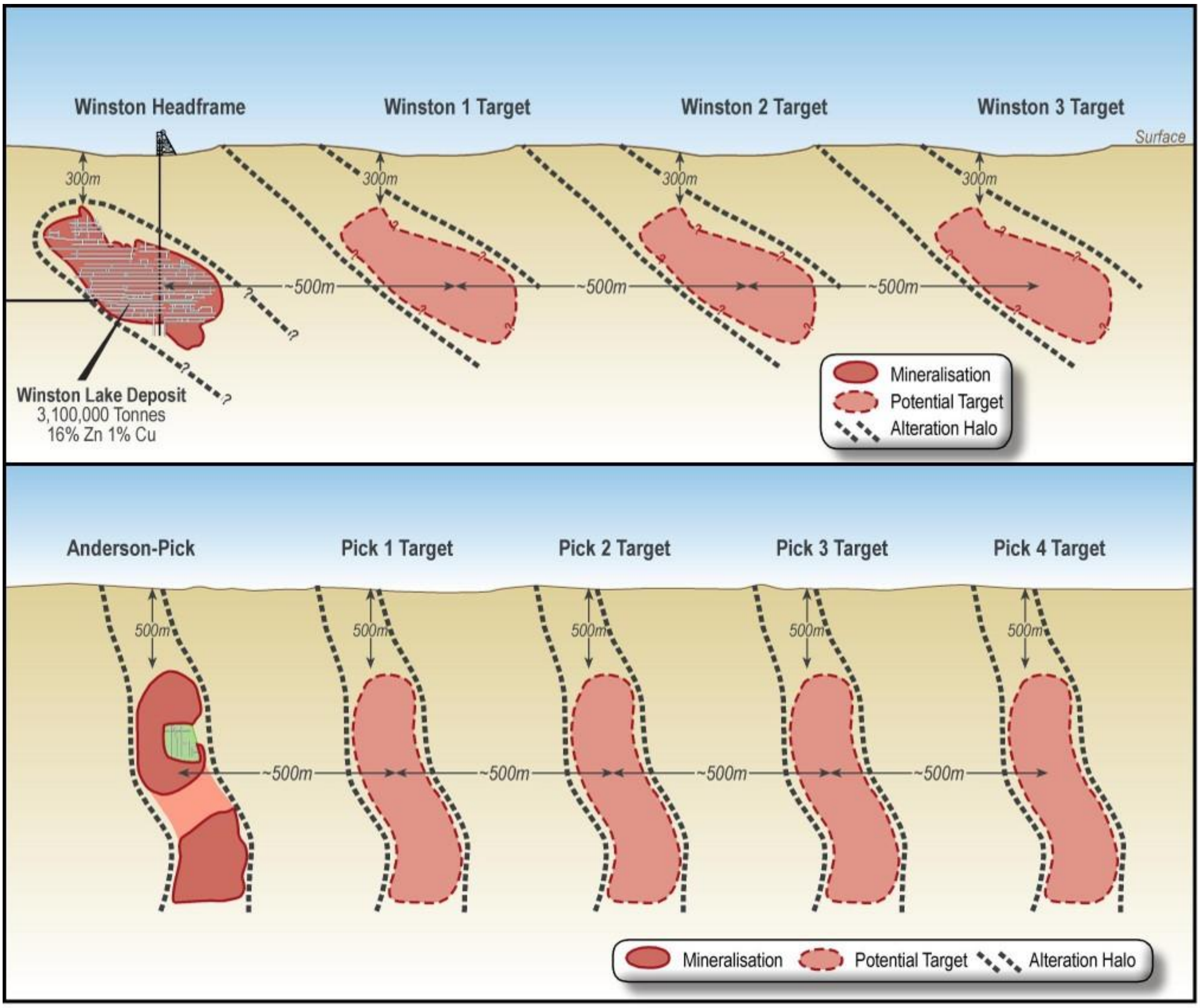
Figure 2: Potential Mineralisation – Winston Mineralisation and Alteration Plunge



Confirmation of the two trends of anomalies along the same stratigraphy, and that anomalies are uniformly distributed, a key criteria of VMS deposits, provides the Company with significant confidence to complete a major ground-based moving loop electromagnetic ("MLEM") program during February 2019. Figure 3 shows the repeatability of the anomalies identified along both the Pick and Winston stratigraphic intervals in this program which will be further tested with the surface geophysics in February 2019.

Figure 4 illustrates the potential repeatability along the Winston and the Pick stratigraphic units, that will be targeted with the surface MLEM program in February 2019.

Figure 3: Schematic of the Exploration Target Potential along the Winston and Pick Stratigraphic Horizons



The Company has prioritised these anomalies as it commences a major ground-based MLEM program, the third phase of its exploration program.

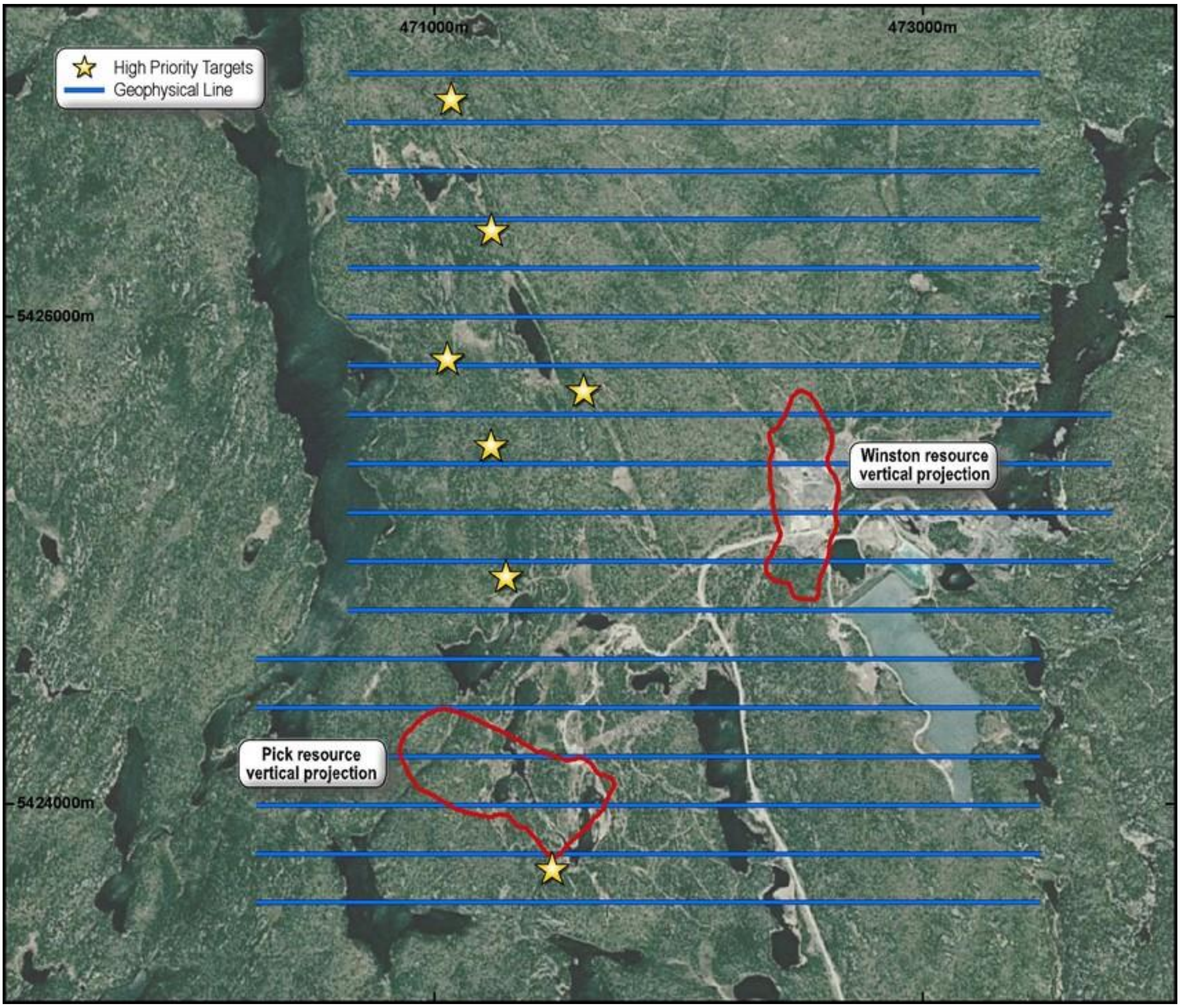
Table 1: Superior Lake Significant Exploration Targets Prioritisation

Target	Surface Showing	EM Anomaly	Mineral Score	Whole Rock Score	Total Score	Rank
Winston Lake	Winston – test the alteration plunge indicates possible extension					
Winston 2		Y	4	1	5	1
Winston 3		Y	5	2	7	2
Winston 4		N	6	6	12	3
Winston Offset	Cabin / Gesic	Y	3	8	11	3
Pick Lake	Pick – test the alteration plunge indicates possible extension					
Pick 2		Y	2	3	5	1
Pick 3		Y	1	5	6	2
Pick 4		Y	9	4	13	3
Pick 5	Ciglen	Y				3
Note: Overall Rank	Score 0 to 5 - 1 Score 6 to 10 - 2 Score + 11 - 3					

Surface Geophysics

During February 2019, Superior Lake will commence a major surface geophysics program. High powered FLEM, using both magnetic field and coil sensors, will be completed over a 3km x 3km area, adjacent to the Winston and Pick deposits, and will test all high priority targets identified (Figure 1) to a depth of 1,000m. These targets are designed, if proven, to further assist the Company to prioritise drill targets that are be drilled later this year.

Figure 4: Planned Surface Geophysics Program testing to 1,000m Depth



Superior Lake Exploration Program

Superior Lake's exploration program has four distinct phases:

PHASE 1 Surface mapping to identify alteration by mineralogy (MT) and rock chip sampling followed by litho-geochemistry (WR) to confirm the field observation. Airborne EM anomalies were used as a guide to the likely location of alteration zones. Targets are ranked by alteration intensity and mineralisation showing. This work was completed in December 2018.

PHASE 2 Drilling of the mid-Pick area targeting additional resources that have the potential to further enhance the project economics. This drilling program will be completed at the end of January 2019 with results expected in February 2019.

PHASE 3 - A surface geophysics (high powered ground Transient Electromagnetic (TEM) Surveying) program is planned for February 2019 over a 3km x 3km area, adjacent to the Winston and Pick deposits to test all high priority targets from Phase 2 to a depth of 1,000m. Following completion of the surface geophysics, modelling of anomalous responses will be completed to define drill targets. This is expected to be completed by the end of February 2019.

PHASE 4 – With success from Phase 3, the Company will drill test the identified targets, followed by down-hole Transient Electromagnetic ("DHTEM") logging to determine if the hole intersected the likely conductive source plate in an optimal location and if not then drill test the offset location determined by modelling of the DHTEM and surface data.

About the Company

Superior Lake Resources Limited

Superior Lake Resources Limited (ASX: SUP) is focused on the redevelopment of the Superior Lake Project in North Western Ontario, Canada. The Project is one of the highest-grade zinc deposits globally with a JORC resource of 2.15 Mt at 17.7% Zn, 0.9% Cu, 0.4 g/t Au and 33.5 g/t Ag. A Restart Study completed in 2018, forecasted the Project will produce approximately 46,000tpa Zn over an initial 6.5-year mine life, with an AISC of US$0.51 / lb, putting the Project in the lowest cost quartile globally. The Company is currently working towards the release of a Definitive Feasibility Study by mid-2019.

Table 2: Superior Lake Mineral Resource at 3% Zn cut-off grade

Classification	Tonnage	Zn%	Cu%	Au g/t	Ag g/t
Indicated	1,992,000	17.8%	0.9%	0.4 g/t	33.7 g/t
Inferred	152,000	15.4%	0.9%	0.4 g/t	31.2 g/t
Total	2,145,000	17.7%	0.9%	0.4 g/t	33.5 g/t

To learn more about the Company, please visit www.superiorlake.com.au, or contact:

David Woodall Chief Executive Officer +61 8 6143 6740

Competent Person Statement

Exploration Target and Exploration Results

The information contained in this announcement that relates to the exploration target and exploration results is based on, and fairly reflects, information compiled by Mr. Alfred Gillman, an independent consultant to Superior Lake Resources Limited. Mr. Alfred Gillman is a Fellow and Chartered Professional of the Australian Institute of Mining and Metallurgy and was engaged as a consultant to Superior Lake Resources to complete the JORC (2012) resource. Mr. Gillman has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Gillman consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Mineral Resources

The information in this announcement that relates to the Mineral Resources on the Superior Lake Project was first reported by the Company to ASX on July 3rd, 2018. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement, and in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Appendix 1

Exploration results

The Company provides the following information in relation to exploration results.

TABLE 1 Surface Sampling Locations and Assays (*NAD83 Zone 16N)

Sample	UTM_E*	UTM_N*	Ag_ppm	As_ppm	Ba_ppm	Bi_ppm	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm
1121101	472206	5425047	-0.5	2.5	35	0.09	-0.5	6.3	33	50	0.16
1121102	472206	5425043	-0.5	0.5	154	0.13	-0.5	10	13	60	1.4
1121103	472203	5425043	-0.5	3.9	547	0.66	-0.5	60.3	92	290	4.98
1121104	472198	5425044	-0.5	0.4	173.5	0.01	-0.5	7.4	10	110	0.56
1121105	472205	5425032	-0.5	1.6	532	0.35	-0.5	29.7	66	300	5.99
1121106	471773	5425162	-0.5	0.4	284	0.16	-0.5	21.6	2	-10	0.92
1121107	471934	5424986	-0.5	0.2	45.2	0.01	0.5	5.5	35	110	1.16
1121108	472387	5423738	-0.5	0.6	31.1	0.01	-0.5	22.8	4	10	0.16
1121109	471674	5424337	-0.5	0.4	454	0.01	-0.5	67.3	1	10	0.69
1121110	471729	5424194	-0.5	0.3	316	0.01	-0.5	94.5	2	10	1.74
1121111	471851	5424118	-0.5	1	210	0.04	-0.5	162	1	10	0.33
1121112	472050	5424001	-0.5	1	695	0.01	-0.5	171	1	10	0.96
1121113	472193	5423437	-0.5	0.3	559	0.03	-0.5	32.5	3	30	1.05
1121114	471992	5423572	-0.5	0.3	892	0.03	-0.5	31.9	-1	10	0.4
1121115	471234	5424862	-0.5	0.3	47.1	0.02	-0.5	73.2	6	10	0.31
1121116	470957	5424786	-0.5	0.4	66	0.01	-0.5	112	5	10	0.46
1121117	470902	5424692	-0.5	0.5	38.7	0.02	-0.5	111	5	10	0.19
1121118	470805	5424522	-0.5	0.3	154.5	0.02	-0.5	78.6	10	10	6.17
1121119	479204	5422314	-0.5	0.2	145.5	0.01	-0.5	32.1	7	10	5.85
1121120	470693	5424463	-0.5	1	62.5	0.2	8.3	67.8	39	-10	3.25
1121121	470733	5424506	-0.5	0.4	533	0.12	-0.5	132	21	10	1.5
1121122	470706	5424456	-0.5	0.2	351	0.02	-0.5	67.5	9	10	3.66
1121123	472703	5423135	-0.5	0.6	197	0.54	0.6	32.2	5	10	1.04
1121124	472632	5423297	-0.5	1	638	0.04	-0.5	146.5	5	10	0.52
1121125	471872	5425350	-0.5	1.1	13.5	0.03	0.5	8.2	59	640	0.77
1121126	471620	5425814	-0.5	1.7	470	0.03	-0.5	214	12	30	1.1
1121127	471583	5425902	-0.5	0.3	52.2	0.83	-0.5	502	25	50	0.89
1121128	471351	5426309	-0.5	0.4	157.5	-0.01	-0.5	85.4	37	20	0.87
1121129	471241	5426536	-0.5	0.3	101	0.01	-0.5	140.5	8	20	1.41
1121130	471149	5426682	-0.5	0.3	231	0.02	-0.5	31.6	4	-10	0.84
1121131	471729	5423935	-0.5	1.2	277	0.02	-0.5	169.5	1	-10	2.04
1121132	470651	5426860	-0.5	0.6	124	0.03	-0.5	109.5	4	-10	0.67
1121133	470651	5426882	-0.5	0.1	93.1	0.02	-0.5	110	5	-10	1.7
1121134	470735	5426691	-0.5	0.4	327	0.37	-0.5	72.1	23	-10	1.2
1121135	470780	5426681	-0.5	0.2	225	0.09	-0.5	106	32	90	3.22
1121136	470763	5426377	-0.5	0.5	91.1	0.01	-0.5	46.5	4	10	0.51
1121137	470811	5426251	-0.5	0.3	179	0.02	-0.5	121.5	3	-10	3.92
1121138	470812	5426219	-0.5	0.2	159	0.03	-0.5	141	3	-10	3.25
1121139	470932	5425896	-0.5	0.2	90.2	0.02	-0.5	139	3	-10	0.69
1121140	471029	5425792	-0.5	-0.1	438	0.04	-0.5	125	7	-10	6.94
1121141	471049	5425527	-0.5	0.1	133.5	0.06	-0.5	45.3	22	60	2.9

1121142	471083	5425469	-0.5	0.2	230	0.01	-0.5	116.5	4	-10	1.73
1121143	471151	5425480	-0.5	0.2	112	0.02	-0.5	85.6	9	-10	1.73
1121144	471601	5425672	-0.5	0.1	636	0.05	-0.5	44.1	16	120	3.27
1121145	471806	5423809	-0.5	1.5	1095	0.01	-0.5	190	2	-10	0.29
1121146	471706	5423619	-0.5	0.1	106.5	0.01	-0.5	21.7	34	10	1.98
1121147	471734	5423468	-0.5	0.7	78.5	0.39	2.5	18.7	18	90	1.31
1121148	471692	5423500	-0.5	0.1	527	0.05	1	40.3	2	10	2.22
1121149	471558	5423587	-0.5	0.4	438	0.03	-0.5	44.3	2	-10	5.65

Sample	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Ga_ppm	Gd_ppm	Ge_ppm	Hf_ppm	Hg_ppm	Ho_ppm	In_ppm
1121101	1570	1.05	0.68	0.74	20	1.25	-5	3.4	-0.005	0.25	0.189
1121102	308	1	0.71	0.65	19.3	1.05	-5	2.8	-0.005	0.23	0.05
1121103	1250	5.75	2.92	1.65	48.6	6.09	-5	3	-0.005	1.11	0.081
1121104	48	1.19	0.86	0.45	20.1	1.17	-5	2.7	-0.005	0.24	0.015
1121105	892	1.96	1.05	1.04	53.2	2.82	-5	2.8	-0.005	0.36	0.075
1121106	65	22.9	22	0.73	37.4	9.72	-5	14.6	-0.005	6.27	0.556
1121107	5	2.53	2.11	0.75	19.7	1.81	-5	2.1	-0.005	0.71	0.024
1121108	2	14.4	13.75	0.61	40.2	5.82	-5	18.3	-0.005	3.79	0.03
1121109	1	19.3	16.35	2.95	38.1	12.75	-5	17.3	-0.005	4.86	0.141
1121110	2	29.1	19.4	5.48	33.2	22.9	-5	17.9	-0.005	6.25	0.193
1121111	5	35.9	22.6	5.44	35.9	30.8	-5	16.9	-0.005	7.72	0.096
1121112	5	40.8	26.4	6.14	36.8	34.8	-5	17.4	-0.005	8.6	0.138
1121113	11	38	35.9	1.67	38	16.55	-5	14	-0.005	10.3	0.106
1121114	5	9.32	8.18	1.31	36.4	6.16	-5	15.9	-0.005	2.36	0.028
1121115	7	20.9	13.45	4.55	33.8	17.45	-5	13.3	-0.005	4.45	0.068
1121116	6	33	21.3	4.92	32.6	26.5	-5	18.9	-0.005	7.13	0.193
1121117	3	27.3	17.95	4.85	33	21.1	-5	18.8	-0.005	5.96	0.019
1121118	1	31.9	20.9	3.35	37.8	22.5	-5	18.4	-0.005	6.98	0.024
1121119	1	30.2	20.2	2.02	33.5	18.4	-5	18.2	-0.005	6.63	0.029
1121120	323	21.1	13.85	2.57	28.1	16.8	-5	11	0.006	4.46	0.659
1121121	42	9.46	5.08	3.86	24.7	13.05	-5	6.6	-0.005	1.94	0.026
1121122	1	18.35	11.35	3.29	28.6	15.3	-5	11.3	-0.005	3.83	0.029
1121123	231	47.8	32.2	3.43	21.3	24.4	-5	23.8	-0.005	10.6	0.277
1121124	39	31	21	3.27	37.4	25.2	-5	19.2	-0.005	6.8	0.101
1121125	27	2.45	1.53	0.73	16.9	2.16	-5	1.3	-0.005	0.56	0.011
1121126	21	40.6	24.4	1.53	30.7	39.3	-5	12.4	-0.005	8.35	0.022
1121127	21	12.75	4.98	2.9	49.3	25.1	-5	2.1	-0.005	2.01	0.018
1121128	49	17.2	10.5	2.68	28.7	16.35	-5	9.2	-0.005	3.77	0.007
1121129	1	23.4	13.7	3.17	22.5	21.7	-5	10.4	-0.005	4.73	-0.005
1121130	1	27	18.4	1.28	22.9	14.9	-5	15.1	-0.005	6.17	0.014
1121131	2	41.4	28.9	5.56	49.4	31.7	-5	21.4	-0.005	9.24	0.148
1121132	8	31.3	19.25	5.52	36.3	27.4	-5	18.9	-0.005	6.49	0.054
1121133	-1	31.3	19.6	5.25	34.1	26.8	-5	18.6	-0.005	6.76	0.043
1121134	55	12.75	7.98	3.43	29.4	11	-5	7.7	-0.005	2.78	0.034
1121135	13	24.1	14.1	4.68	30.2	21.5	-5	13.6	-0.005	5.05	0.042
1121136	-1	31.9	19.25	4.35	33.9	26	-5	19.8	0.006	6.89	0.087
1121137	1	34	20.9	5.47	33.4	29.1	-5	21.6	0.014	7.45	0.053
1121138	1	30	18.9	4.62	34.6	26.8	-5	20.3	0.01	6.59	0.039

1121139	1	31.5	20.1	4	32.4	26.5	-5	19.3	0.006	6.78	0.016
1121140	2	37.7	23.4	4.42	34.3	30.9	-5	21.3	0.009	8.04	0.015
1121141	22	17.85	11	3.13	24.5	13.9	-5	11.1	0.007	3.76	0.06
1121142	-1	33.9	22.1	5.82	35.2	28.4	-5	21.8	-0.005	7.36	0.042
1121143	-1	31.7	19.7	3.33	46.9	25	-5	19.1	-0.005	6.77	0.024
1121144	32	3.79	2.15	0.48	26	4.7	-5	2.2	-0.005	0.74	0.043
1121145	6	59.1	36.2	8.53	27.5	46.1	-5	16.2	-0.005	12.85	0.021
1121146	1	4.48	3.04	1.04	22.9	3.92	-5	3.7	0.005	1	0.149
1121147	608	1.76	0.93	1.29	9.7	1.95	-5	1	-0.005	0.36	0.081
1121148	45	26.7	20.9	2.17	35.8	14.75	-5	15.4	-0.005	6.52	0.342
1121149	4	22.8	18.9	1.89	37.7	12.6	-5	17.4	-0.005	5.88	0.129

Sample	La_ppm	Li_ppm	Lu_ppm	Ni_ppm	Nb_ppm	Nd_ppm	Pr_ppm	Pb_ppm	Rb_ppm	Re_ppm	S_pct
1121101	3	-10	0.13	21	3.7	4.6	0.96	2	3.4	0.013	0.32
1121102	5.7	10	0.16	29	2.8	4.8	1.23	3	33.1	0.001	0.06
1121103	28.8	30	0.45	107	6.1	31.2	7.7	3	94.7	0.001	3.67
1121104	3.2	10	0.13	13	3.5	4	0.95	2	22.4	0.001	0.03
1121105	15.6	60	0.19	100	5.1	15.2	3.7	3	125	-0.001	0.96
1121106	8.2	20	3.99	-1	51.8	16.7	3.13	-2	40.5	-0.001	0.01
1121107	2.6	30	0.37	37	3.1	3.6	0.76	2	17	0.003	0.01
1121108	7.7	-10	2.6	-1	64.1	13.1	2.85	3	4.5	-0.001	0.01
1121109	21	20	3.25	-1	47.9	40.5	8.72	7	30.3	-0.001	0.01
1121110	29.9	20	3.07	-1	30.9	56.1	11.65	5	24.9	-0.001	0.01
1121111	59.5	10	3.91	-1	48.7	105.5	22.8	3	38.4	0.001	0.01
1121112	65.9	10	4.31	-1	47.7	113	24.7	5	56.9	0.001	0.01
1121113	12.9	40	6.18	3	39.9	25.6	4.88	16	85.1	-0.001	0.02
1121114	11.8	20	1.77	-1	43.9	22.4	4.88	4	37.5	-0.001	0.03
1121115	28	40	2.19	-1	21.8	51.2	10.7	5	2.3	-0.001	0.02
1121116	44	30	3.31	2	32.8	75.2	15.9	3	6.5	-0.001	0.02
1121117	42.4	10	3	-1	33.4	71.8	15.55	-2	3.4	-0.001	0.01
1121118	28.8	110	3.27	2	31.5	56.4	11.7	4	58.1	0.001	0.01
1121119	11.2	70	3.22	2	32.2	24	4.88	-2	54.3	-0.001	0.01
1121120	25.9	70	2.14	-1	19.4	46.9	9.94	4	24.5	-0.001	0.97
1121121	56.8	20	0.72	25	10.1	74.5	17.4	9	51.3	-0.001	0.22
1121122	26.5	90	1.84	6	16.2	44.6	9.65	-2	74.5	-0.001	0.01
1121123	13.3	10	5.06	-1	24.5	24.1	4.79	18	18.2	-0.001	0.46
1121124	67	-10	3.8	-1	61.7	96.7	22.8	4	48.4	0.001	0.08
1121125	3	-10	0.26	365	2.2	6.1	1.18	3	5.2	-0.001	0.02
1121126	70.4	20	3.86	17	37.2	166.5	34.8	6	36.7	-0.001	0.05
1121127	231	40	0.61	142	2.6	255	66.3	2	6	-0.001	0.04
1121128	39.9	20	1.56	6	16.2	54.9	12.85	5	12.1	-0.001	-0.01
1121129	58	20	1.9	10	18.1	89.1	20.6	2	22	-0.001	-0.01
1121130	11.6	10	3.07	4	47.5	22.7	4.83	-2	15.9	-0.001	-0.01
1121131	56	20	5.41	-1	63.1	105	23.5	8	77.6	0.001	0.01
1121132	44.6	10	2.82	-1	29.4	81	17	3	13.8	-0.001	0.02
1121133	45.2	50	2.91	1	29.9	80	16.95	2	18.7	-0.001	-0.01
1121134	29.9	20	1.15	3	15.4	44.3	10.3	6	31.4	0.001	0.41
1121135	45.7	10	2.04	50	20.4	73.2	15.9	2	28.4	0.001	0.02

1121136	15.8	10	2.91	-1	29.8	46.8	8.38	2	11.7	-0.001	-0.01
1121137	50.5	30	3.2	1	33.5	87	18.75	3	41.7	-0.001	-0.01
1121138	61.1	50	2.89	3	32.7	95.7	20.6	-2	25.5	0.001	-0.01
1121139	55.8	10	2.94	1	30.8	94.5	20.4	4	9	-0.001	-0.01
1121140	48.7	60	3.36	3	35	87.3	18.5	3	104	-0.001	-0.01
1121141	18.4	30	1.57	64	15.6	33.9	7.19	-2	33.4	0.003	0.09
1121142	46.4	40	3.45	-1	33.7	83.7	18	3	17.4	-0.001	-0.01
1121143	34	90	2.94	-1	37.7	64.2	13.4	4	9.3	-0.001	-0.01
1121144	22.5	30	0.3	43	3.2	22.5	5.76	2	15.8	-0.001	0.04
1121145	81	20	4.45	-1	46.1	131.5	28.7	6	50.1	0.002	0.07
1121146	9.9	30	0.48	17	5.2	13.1	2.93	7	20	0.001	-0.01
1121147	9.4	10	0.11	42	1.2	10.1	2.5	3	14.9	-0.001	3.86
1121148	15.9	20	3.57	3	42.3	33.8	6.86	10	38.8	-0.001	0.06
1121149	16.7	50	3.15	-1	50.2	31.8	7.05	4	106	0.001	0.01

Sample	Se_ppm	Sb_ppm	Sc_ppm	Sm_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Tb_ppm	Te_ppm	Th_ppm	Tm_ppm
1121101	3.3	-0.05	7	1.16	4	135.5	0.4	0.16	0.29	1.49	0.12
1121102	0.6	-0.05	6	1.14	1	76.6	0.3	0.15	0.24	1.31	0.14
1121103	3.5	0.07	31	6.39	1	108	0.5	0.87	1.7	1.72	0.4
1121104	0.2	-0.05	10	1.05	1	194.5	0.3	0.21	0.02	1.65	0.11
1121105	3.1	-0.05	40	2.78	1	143	0.4	0.34	0.72	1.31	0.14
1121106	-0.2	-0.05	1	5.82	9	4.7	3.3	2.54	0.03	6.88	3.86
1121107	-0.2	-0.05	29	1	1	57.2	0.3	0.35	-0.01	0.63	0.34
1121108	0.2	-0.05	1	4.17	1	64.6	4.6	1.56	-0.01	5.71	2.38
1121109	0.2	-0.05	1	11.6	8	47.2	3.4	2.49	-0.01	5.19	2.84
1121110	-0.2	-0.05	2	16.6	5	55.9	2.1	4.43	-0.01	3.87	2.94
1121111	-0.2	-0.05	1	28.5	15	69.5	3.2	5.7	-0.01	6.95	3.58
1121112	0.4	-0.05	1	31.7	7	48.9	3.2	6.1	-0.01	6.71	4.08
1121113	-0.2	-0.05	3	8.01	10	8.3	2.7	4.38	0.01	5	5.82
1121114	-0.2	-0.05	1	6.4	8	7.7	3.1	1.21	0.01	5.8	1.49
1121115	-0.2	-0.05	22	14.5	5	66.4	1.6	3.07	0.01	2.75	2.07
1121116	-0.2	-0.05	5	21.2	9	47.1	2.2	4.92	0.02	4.67	3.31
1121117	-0.2	-0.05	7	18.7	6	54.9	2.3	3.83	0.01	4.28	2.83
1121118	-0.2	-0.05	8	15.95	3	9.7	2.1	4.78	-0.01	4.33	3.18
1121119	-0.2	-0.05	7	8.86	7	19.1	2.1	4.33	-0.01	3.86	3.16
1121120	3.5	-0.05	17	13.35	14	31.7	1.5	3.13	0.03	2.73	2.04
1121121	-0.2	-0.05	15	16.15	4	647	0.7	1.83	0.01	5.55	0.75
1121122	0.2	-0.05	16	12.65	5	96.3	1.1	2.75	-0.01	2.85	1.76
1121123	0.9	-0.05	6	9.02	6	51.3	1.7	5.95	0.27	3.74	4.87
1121124	-0.2	-0.05	2	24.2	2	56.2	4.6	4.59	0.02	10.1	3.55
1121125	0.2	-0.05	17	1.76	1	110.5	0.3	0.36	0.04	0.31	0.24
1121126	0.3	-0.05	10	39.7	6	78.4	2.8	6.44	0.02	7.07	4.11
1121127	-0.2	-0.05	9	38.4	1	10.3	0.2	2.73	0.82	1.09	0.78
1121128	0.2	-0.05	6	14.45	2	159.5	1.3	2.75	-0.01	4.34	1.7
1121129	-0.2	-0.05	6	20.9	5	83.8	1.4	3.69	-0.01	6.08	2.1
1121130	-0.2	-0.05	2	8.87	5	134.5	3.7	3.5	-0.01	6.69	3.13
1121131	0.4	-0.05	-1	29.9	9	7	4.5	5.84	-0.01	8.84	5.25
1121132	-0.2	-0.05	11	21.3	3	101	2.1	4.79	0.02	4.24	3.01

1121133	-0.2	-0.05	9	21.4	1	63.5	2.2	4.74	-0.01	4.42	3.07
1121134	0.3	-0.05	20	9.21	1	305	1	1.95	0.23	2.54	1.23
1121135	-0.2	-0.05	9	18.55	2	154.5	1.6	3.69	0.05	3.67	2.26
1121136	-0.2	-0.05	9	17.85	11	107	2.1	4.74	0.01	3.93	3.09
1121137	-0.2	-0.05	7	23.6	1	81.6	2.3	5.07	-0.01	5.68	3.37
1121138	-0.2	-0.05	6	24.2	1	67.7	2.4	4.68	0.01	5.13	3.12
1121139	0.2	-0.05	9	23.8	-1	78.6	2.1	4.55	-0.01	4.43	3.28
1121140	-0.2	-0.05	5	24.6	1	1.9	2.3	5.47	0.04	5.08	3.8
1121141	-0.2	-0.05	12	9.91	8	133	1.4	2.59	0.04	2.87	1.69
1121142	-0.2	-0.05	5	22.9	3	66.8	2.5	5.17	-0.01	5.22	3.6
1121143	-0.2	-0.05	11	18.8	4	31.6	2.5	4.53	0.01	4.51	3.3
1121144	-0.2	-0.05	29	4.9	3	8.7	0.3	0.67	0.07	0.93	0.31
1121145	0.3	-0.05	-1	36	12	43.8	2.9	8.41	0.01	6.49	5.47
1121146	-0.2	-0.05	30	3.02	4	53.3	0.5	0.7	0.01	1.82	0.5
1121147	1.2	-0.05	5	1.87	18	18.9	0.2	0.25	0.13	0.76	0.15
1121148	0.2	-0.05	1	10.3	18	12	3.4	3.25	0.01	5.69	3.6
1121149	-0.2	-0.05	1	9.22	12	5.6	3.5	2.69	-0.01	7.09	3.19

Sample	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	SiO2 %	TiO2 %	Al2O3 %	BaO %
1121101	0.03	0.58	58	-1	6.4	0.84	67	126	68.24	0.43	15.01	-0.01
1121102	0.07	0.48	63	2	7.4	0.89	39	111	68.92	0.41	14	0.01
1121103	0.47	0.41	349	-1	35.4	2.67	186	120	36.03	1.29	18.78	0.05
1121104	-0.02	0.56	80	-1	7.8	0.78	40	102	70.02	0.49	13.4	0.02
1121105	0.57	0.22	343	-1	11.2	1	185	100	40.41	1.16	18.64	0.06
1121106	0.1	1.35	-5	2	159.5	24.7	169	391	77.08	0.12	10.65	0.02
1121107	0.05	0.18	169	-1	20.2	2.12	185	71	50.94	0.78	19.09	0.01
1121108	-0.02	1.61	-5	-1	95.6	15.7	13	421	77.93	0.12	11.95	-0.01
1121109	0.09	1.33	-5	1	130	19.2	167	490	76.23	0.15	10.92	0.04
1121110	0.04	1.05	-5	1	161	18.7	192	596	75.15	0.23	10.5	0.03
1121111	0.02	1.72	-5	1	176.5	24.4	131	462	77.24	0.14	10.89	0.02
1121112	0.15	1.48	-5	1	218	27.2	218	485	75.79	0.15	11.17	0.07
1121113	0.58	1.47	14	-1	303	38.1	267	399	73.32	0.2	10.7	0.06
1121114	0.06	1.36	-5	1	58.3	10.45	34	446	80.19	0.14	10.3	0.08
1121115	-0.02	0.76	-5	-1	114.5	13.45	291	512	66.31	0.83	12.38	-0.01
1121116	0.02	1.12	-5	1	188	20.6	34	678	73.94	0.38	11.01	-0.01
1121117	-0.02	1.13	-5	-1	147	18.2	23	667	72.17	0.54	11.52	-0.01
1121118	0.13	1.07	-5	-1	184	19.8	48	670	68.31	0.52	11.38	0.01
1121119	0.06	0.96	-5	-1	176.5	20.1	57	652	69.83	0.5	11.39	0.01
1121120	0.14	0.69	-5	-1	116	13.3	4610	405	61.52	0.62	11.29	0.01
1121121	0.11	1.32	140	-1	49.9	4.4	103	260	59.52	0.78	16.22	0.06
1121122	0.24	0.8	29	-1	102	11.2	72	424	67.59	0.67	12.49	0.04
1121123	0.41	1.22	-5	-1	312	31.1	405	944	65.57	0.35	10.31	0.02
1121124	0.04	2.55	-5	1	188	24	46	441	77.44	0.12	11.62	0.07
1121125	-0.02	0.06	179	1	14.7	1.54	88	40	47.33	0.53	16.56	-0.01
1121126	0.03	1.47	81	1	230	25.4	28	295	72.05	0.55	11.5	0.05
1121127	0.02	0.26	88	-1	81.3	4.67	149	78	60.47	0.43	13.86	-0.01
1121128	-0.02	1.09	38	2	105.5	10.5	30	305	72.27	0.46	11.89	0.02
1121129	0.03	1.35	38	1	128	13.15	13	350	72.52	0.5	13.79	0.02

1121130	0.04	1.9	-5	-1	157.5	20.5	12	364	80.01	0.12	10.47	0.02
1121131	0.27	2.43	-5	1	246	35.4	278	516	69.94	0.15	14.12	0.03
1121132	0.03	1.09	-5	-1	180	19.05	69	646	69.5	0.6	11.75	0.01
1121133	0.07	1.12	-5	-1	182.5	19.3	108	648	71.48	0.55	11.63	0.01
1121134	0.05	0.69	166	1	79	7.67	91	290	55.89	1.74	15.69	0.04
1121135	0.08	0.96	51	-1	140	13.95	349	465	65.56	0.45	12.65	0.02
1121136	-0.02	0.96	-5	-1	190.5	19.75	48	666	71.89	0.52	11.59	0.01
1121137	0.18	1.58	-5	-1	201	21	28	737	73.78	0.4	11.7	0.02
1121138	0.06	1.44	-5	-1	181	20.1	28	680	73.19	0.4	11.37	0.02
1121139	0.03	1.28	-5	-1	189.5	20.2	25	669	72.83	0.56	11.96	0.01
1121140	0.13	1.46	-5	-1	228	23.4	59	703	71.72	0.35	11.03	0.05
1121141	0.12	0.85	113	-1	105.5	11.2	62	375	60.01	0.84	13.51	0.02
1121142	0.05	1.35	-5	-1	207	23.2	27	715	73.92	0.37	11.51	0.03
1121143	0.03	1.11	-5	-1	185	19.85	52	669	63.36	0.63	12.42	0.01
1121144	0.06	0.2	219	1	29	2.07	367	80	57.77	0.81	17.64	0.07
1121145	-0.02	1.6	-5	1	370	31.6	75	411	76.59	0.12	10.46	0.12
1121146	0.06	0.46	292	1	29.4	2.9	236	140	52.14	1.26	15.69	0.02
1121147	0.07	0.18	49	-1	10.5	0.87	906	40	64.23	0.2	5.2	0.01
1121148	0.07	1.33	-5	1	179.5	23.1	409	403	77.97	0.13	10.74	0.06
1121149	0.28	1.48	-5	1	164	20	293	428	76.12	0.13	10.9	0.04

Sample	Cr_2O_3 %	Fe_2O_3 %	MnO %	MgO %	CaO %	Na_2O %	K_2O %	P_2O_5 %	SrO %	C %	S %
1121101	0.01	3.81	0.03	1.56	2.16	6.76	0.14	0.1	0.01	0.05	0.32
1121102	0.01	2.97	0.01	3.64	0.76	5.88	1.31	0.09	0.01	0.01	0.06
1121103	0.04	17.07	0.04	12.1	1.73	1.66	3.83	0.29	0.01	0.08	3.67
1121104	0.02	3.6	0.03	3.13	2.06	4.27	1.31	0.13	0.02	0.01	0.03
1121105	0.04	12.26	0.03	13.15	1.79	1.85	5.37	0.2	0.02	0.02	0.96
1121106	-0.01	6.08	0.06	2.05	0.02	0.09	1.97	0.01	-0.01	0.02	0.01
1121107	0.02	11.6	0.1	12	1.82	1.25	0.74	0.08	0.01	0.03	0.01
1121108	-0.01	1.93	0.02	0.14	0.79	5.82	0.3	0.01	0.01	0.05	0.01
1121109	-0.01	3.55	0.05	1.6	0.92	2.12	2.27	0.01	-0.01	0.07	0.01
1121110	-0.01	4.41	0.08	2.99	0.75	1.57	1.25	0.03	0.01	0.04	0.01
1121111	-0.01	3.18	0.06	1.02	0.9	3.15	1.99	0.02	0.01	0.03	0.01
1121112	-0.01	3.46	0.07	1.42	1.36	1.43	3.65	0.01	0.01	0.02	0.01
1121113	-0.01	6.22	0.21	2.98	0.08	0.3	3.75	0.03	-0.01	0.05	0.02
1121114	-0.01	1.93	0.03	1.08	0.02	0.29	3.03	0.01	-0.01	0.1	0.03
1121115	-0.01	11.25	0.22	2.46	1.94	3.64	0.08	0.18	0.01	0.02	0.02
1121116	-0.01	6.81	0.07	1.25	1.61	3.5	0.29	0.08	0.01	0.05	0.02
1121117	-0.01	7.7	0.03	1.34	0.8	4.8	0.13	0.18	0.01	0.01	0.01
1121118	-0.01	9.97	0.05	4.53	0.31	1.11	1.28	0.18	-0.01	0.04	0.01
1121119	-0.01	7.86	0.06	4.75	0.29	0.78	1.62	0.15	-0.01	0.01	0.01
1121120	-0.01	16.36	0.49	4.18	0.46	0.92	0.47	0.16	0.01	0.01	0.97
1121121	-0.01	8.07	0.13	3.6	4.84	3.8	1.26	0.38	0.07	-0.01	0.22
1121122	-0.01	5.95	0.04	5.17	1.54	2.59	2.73	0.2	0.01	0.02	0.01
1121123	-0.01	13.76	3.58	0.51	2.92	1.22	0.8	0.09	0.01	0.01	0.46
1121124	-0.01	2.28	0.03	0.15	0.9	3.48	3.1	0.01	0.01	0.01	0.08
1121125	0.08	10.34	0.15	11.2	10.55	1.6	0.19	0.05	0.01	0.01	0.02
1121126	-0.01	4.4	0.03	4.02	1.34	1.54	1.75	0.13	0.01	0.06	0.05

1121127	0.01	14.4	0.11	7.43	0.46	0.71	0.26	0.08	-0.01	0.02	0.04
1121128	-0.01	3.2	0.03	4.37	1.4	3.16	0.64	0.07	0.02	0.06	-0.01
1121129	-0.01	2.03	0.01	3.16	1.03	4.18	1.06	0.09	0.01	0.01	-0.01
1121130	-0.01	2.16	0.02	1.05	1.9	2.85	0.71	0.03	0.01	0.04	-0.01
1121131	-0.01	4.33	0.09	5.29	0.03	0.15	3.66	0.01	-0.01	0.02	0.01
1121132	-0.01	8.48	0.11	1.74	2.34	4.02	0.42	0.22	0.01	0.01	0.02
1121133	-0.01	7.12	0.09	2.92	1.46	2.93	0.4	0.14	0.01	0.03	-0.01
1121134	-0.01	10.64	0.18	3.6	5.33	3.99	0.92	0.47	0.03	0.03	0.41
1121135	0.01	10	0.16	3.73	3.25	2.61	0.71	0.11	0.02	-0.01	0.02
1121136	-0.01	4.62	0.06	2.42	3.31	3.89	0.29	0.16	0.01	0.02	-0.01
1121137	-0.01	4.01	0.05	2.35	1.73	4	0.66	0.1	0.01	0.01	-0.01
1121138	-0.01	4.39	0.04	3.08	1.6	3.43	0.77	0.11	0.01	0.03	-0.01
1121139	-0.01	4.24	0.04	2.35	2.13	4.65	0.31	0.19	0.01	0.01	-0.01
1121140	-0.01	5.12	0.04	5.18	0.07	0.09	2.3	0.08	-0.01	0.01	-0.01
1121141	0.01	8.66	0.11	4.84	4.07	3.56	0.94	0.15	0.02	0.26	0.09
1121142	-0.01	4.37	0.04	2.17	1.62	3.8	0.58	0.08	0.01	0.01	-0.01
1121143	-0.01	12.67	0.1	6.49	0.96	1.72	0.33	0.21	0.01	0.01	-0.01
1121144	0.02	11.78	0.05	8.92	0.24	0.32	0.74	0.12	-0.01	0.03	0.04
1121145	-0.01	2.75	0.07	2.19	0.32	1.12	3.8	0.01	-0.01	0.07	0.07
1121146	-0.01	12.62	0.3	8.33	3.27	1.98	0.88	0.13	0.01	0.02	-0.01
1121147	0.01	21.12	0.16	3.35	1.46	0.26	0.5	0.16	-0.01	0.02	3.86
1121148	-0.01	4.34	0.3	1.88	0.09	0.25	2.16	0.02	-0.01	0.02	0.06
1121149	-0.01	4.37	0.23	2.6	0.06	0.18	2.78	0.02	-0.01	0.03	0.01

Sample	UTM_E*	UTM_N*	Ag_ppm	As_ppm	Ba_ppm	Bi_ppm	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm
1121150	471296	5423815	-0.5	0.6	460	0.05	-0.5	129.5	3	-10	2.31
1121151	471165	5423950	-0.5	0.4	415	0.2	0.5	123.5	2	20	1.3
1121152	471189	5424186	-0.5	0.6	291	0.02	-0.5	146	1	10	1.83
1121153	473109	5422660	0.5	0.3	321	0.61	0.8	81.6	6	10	2.44
1121154	473107	5422655	-0.5	0.4	799	0.1	-0.5	29	30	160	33.5
1121155	473182	5422645	-0.5	1.2	363	0.07	-0.5	78.6	5	10	0.91
1121156	472674	5426099	-0.5	0.3	46.7	0.01	0.6	9	47	260	0.7
1121157	472682	5426040	-0.5	0.2	50.2	0.06	-0.5	10.4	36	60	0.54
1121158	472613	5425770	-0.5	0.2	40.7	0.02	0.7	16.2	54	50	0.43
1121159	470656	5427167	-0.5	0.3	139	0.14	-0.5	70.8	6	-10	0.7
1121160	470623	5427319	-0.5	0.8	52.6	0.05	-0.5	147.5	2	10	1.04
1121161	471823	5425206	-0.5	0.2	8.2	0.01	-0.5	17.3	40	110	0.92
1121162	471962	5424978	-0.5	0.8	97.8	0.01	-0.5	218	2	10	0.7
1121163	472089	5424898	-0.5	0.6	44.5	0.07	-0.5	43.2	5	10	0.68
1121164	471535	5424355	-0.5	0.4	186	0.02	-0.5	129.5	1	10	0.96
1121165	472065	5424732	-0.5	0.8	201	0.01	-0.5	69	30	150	2.32
1121166	471378	5425042	-0.5	0.7	245	0.04	-0.5	159	6	-10	5.03
1121167	471335	5425319	-0.5	0.6	203	0.01	-0.5	150	4	-10	0.98
1121168	471366	5425407	-0.5	0.5	185.5	0.02	-0.5	95.6	8	-10	0.84
1121169	471253	5425370	-0.5	0.3	119.5	0.02	-0.5	65.6	3	10	0.52
1121170	471150	5425339	-0.5	0.3	70.7	0.09	-0.5	76.2	4	10	0.72
1121171	471056	5425330	-0.5	0.2	85.1	0.04	-0.5	67.9	4	-10	0.5
1121172	471079	5425145	-0.5	0.2	22.4	-0.01	-0.5	123.5	4	-10	2.56

1121173	471073	5424921	-0.5	-0.1	143	0.05	-0.5	37.7	17	190	1.86
1121174	472194	5424060	-0.5	0.4	75.5	-0.01	-0.5	127.5	9	-10	0.27
1121175	472113	5424192	-0.5	0.1	165.5	0.04	-0.5	11.9	27	130	0.81
1121176	472181	5423877	-0.5	0.1	265	0.04	-0.5	14.1	30	120	1.25
1121177	472029	5423967	-0.5	0.4	217	0.01	-0.5	146	1	-10	0.69
1121178	472044	5423987	-0.5	0.2	382	0.01	-0.5	127.5	2	-10	0.86
1121179	472121	5423846	-0.5	0.4	138.5	0.02	0.5	12.3	47	360	2.95

Sample	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Ga_ppm	Gd_ppm	Ge_ppm	Hf_ppm	Hg_ppm	Ho_ppm	In_ppm
1121150	94	37.4	25	3.31	38.3	31	-5	16.9	-0.005	8.36	0.24
1121151	243	37	25.7	3.09	47.3	26.3	-5	19.4	0.008	8.24	1.185
1121152	2	37	23	4.96	40.8	29.1	-5	17.7	0.005	7.79	0.085
1121153	247	16.65	10.85	1.79	24.8	14	-5	9.8	0.006	3.57	0.027
1121154	15	2.23	1.12	0.71	23.9	2.95	-5	2.9	-0.005	0.43	0.835
1121155	29	16.2	10.4	1.74	22.7	14	-5	10.1	-0.005	3.4	0.044
1121156	55	4.05	2.33	0.8	17.3	3.36	-5	2.1	-0.005	0.83	0.011
1121157	147	1.45	0.78	0.57	16.6	1.03	-5	2.7	-0.005	0.26	0.029
1121158	4	6.75	4.2	1.4	22.3	5.49	-5	3.2	-0.005	1.45	0.035
1121159	20	19.6	12	5.23	31.1	17.4	-5	13.8	-0.005	4.07	0.223
1121160	3	35.3	23.9	5.7	33.6	30.7	-5	17.1	-0.005	8	0.071
1121161	-1	2.76	2.28	0.68	19.4	2.86	-5	2.1	-0.005	0.66	0.028
1121162	-1	40.7	26.2	3.64	32	34.7	-5	17.9	-0.005	8.8	0.12
1121163	18	37	22.5	2.18	41.4	34.2	-5	15.8	-0.005	7.62	0.134
1121164	1	33.9	24.1	6.42	36.5	30	-5	18.1	-0.005	7.95	0.278
1121165	50	53.9	30.8	1.61	29.4	29.2	-5	1.5	-0.005	11.85	0.025
1121166	5	34.5	22.8	5.23	40	31.2	-5	16.4	-0.005	7.58	0.132
1121167	2	37.1	26.5	5.39	40.2	31.3	-5	17.9	-0.005	8.6	0.126
1121168	3	22.1	18.2	3.33	38.8	13.65	-5	17.2	-0.005	5.71	0.14
1121169	1	20.4	14.35	3.97	31.4	14.85	-5	16.5	-0.005	4.81	0.046
1121170	11	22.2	15.6	2.76	26	16.8	-5	15.9	-0.005	5.21	0.144
1121171	4	23.1	15.4	4.35	32.1	18.2	-5	20	-0.005	5.12	0.029
1121172	-1	29.9	20.6	5.38	37.4	27.4	-5	20.6	-0.005	6.8	0.132
1121173	-1	6	3.53	1.91	28	5.84	-5	4.3	-0.005	1.33	0.276
1121174	4	17.1	11.7	1.69	33.5	16.2	-5	17.5	0.008	3.96	0.018
1121175	38	3.14	2.28	0.87	18.4	2.91	-5	1.8	-0.005	0.71	0.019
1121176	13	2.87	2.15	0.75	18.6	2.37	-5	1.9	-0.005	0.65	0.017
1121177	1	36.4	23.6	6.72	37.3	33.4	-5	17.2	-0.005	8.07	0.158
1121178	-1	26.4	20.2	4.34	36.1	20	-5	17.1	-0.005	6.5	0.121
1121179	219	2.36	1.78	0.66	15.7	2.1	-5	1.2	-0.005	0.53	0.058

Sample	La_ppm	Li_ppm	Lu_ppm	Ni_ppm	Nb_ppm	Nd_ppm	Pr_ppm	Pb_ppm	Rb_ppm	Re_ppm	S_pct
1121150	53.1	40	3.65	-1	49.1	98	20.4	3	75	0.001	0.11
1121151	49.8	30	4.09	-1	49.8	86.6	19.05	4	34.4	-0.001	0.2
1121152	57.7	40	3.54	-1	50.6	101	22.2	4	53.9	0.002	-0.01
1121153	34.8	40	1.55	13	16.3	52.4	12.15	63	45.4	0.001	2.24
1121154	13.1	110	0.17	97	4	16	3.94	8	117.5	0.001	0.19
1121155	32.8	10	1.59	1	16.9	50.1	11.6	15	41.2	0.001	0.01
1121156	3.2	10	0.34	68	2.8	8.1	1.53	-2	8.1	-0.001	0.02

1121157	4.8	10	0.14	23	2.7	5	1.24	3	6.3	0.005	0.12
1121158	5.8	10	0.59	39	5.1	13.8	2.72	4	6.2	-0.001	-0.01
1121159	28.6	10	1.84	-1	20.2	52.3	10.85	-2	35	-0.001	0.14
1121160	54.7	10	3.8	-1	47.1	97.1	20.8	4	29	0.001	0.01
1121161	7.5	20	0.37	36	3	10.2	2.29	3	2.3	-0.001	0.01
1121162	83.4	20	4.11	1	62	125	28.6	6	17.5	0.001	-0.01
1121163	11.9	20	3.52	-1	50.3	48.3	8.29	3	14.5	0.001	0.06
1121164	49.6	20	3.77	-1	38.1	90.5	19	4	28.6	0.001	-0.01
1121165	32.3	30	2.71	48	2.4	39.8	9.38	5	101.5	0.001	0.01
1121166	61.6	50	3.89	2	48.9	105.5	22.7	6	68.9	0.002	0.02
1121167	57.3	20	4.17	-1	54.2	96.6	20.7	-2	20.8	0.001	-0.01
1121168	23.6	30	3.05	3	52.7	34.5	7.64	2	24.1	0.001	-0.01
1121169	24.4	10	2.38	-1	26.1	41.6	9.19	-2	8.9	-0.001	-0.01
1121170	28.6	20	2.41	2	25.2	44.5	10.35	5	9.7	-0.001	0.03
1121171	26.4	20	2.39	1	33.2	48.9	10.15	2	9.2	-0.001	-0.01
1121172	46.9	40	3.26	1	34.9	84.5	17.85	-2	18.3	-0.001	-0.01
1121173	16.1	50	0.58	92	9.9	22.1	5.07	-2	19.5	0.001	-0.01
1121174	50.3	10	2.1	1	61.1	70.5	16.2	3	14.4	0.001	-0.01
1121175	5.2	10	0.34	35	2.7	7.5	1.63	4	58.6	0.001	0.02
1121176	6.3	30	0.33	26	2.7	8.4	1.79	-2	72.6	0.001	0.02
1121177	56.7	10	3.63	-1	40	103	21.6	-2	19.1	0.001	-0.01
1121178	39.9	20	3.67	2	40.2	71.1	15.65	2	49.3	0.001	-0.01
1121179	5.3	10	0.31	82	2.3	7.2	1.7	4	38.1	-0.001	0.09

Sample	Se_ppm	Sb_ppm	Sc_ppm	Sm_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Tb_ppm	Te_ppm	Th_ppm	Tm_ppm
1121150	0.6	-0.05	-1	26.6	9	24.7	3.5	5.7	0.04	7.01	4.01
1121151	3.9	-0.05	1	22.1	6	14.3	3.2	5.09	0.15	7.35	4.4
1121152	-0.2	-0.05	-1	27.1	7	15.8	3.5	5.25	0.01	7.63	3.78
1121153	0.2	-0.05	6	12.55	4	147.5	1.3	2.56	0.02	4.68	1.76
1121154	0.3	-0.05	13	3.28	30	42.2	0.3	0.41	0.01	1.84	0.15
1121155	-0.2	-0.05	5	12.35	3	135.5	1.3	2.43	0.01	4.63	1.68
1121156	0.2	-0.05	33	2.38	-1	96	0.3	0.59	0.02	0.4	0.37
1121157	1.3	-0.05	7	1.09	-1	145.5	0.3	0.21	0.09	1.5	0.14
1121158	-0.2	-0.05	44	4.44	3	86.3	0.4	0.99	-0.01	0.61	0.66
1121159	-0.2	-0.05	24	14.5	21	137	1.4	2.96	0.08	2.72	1.94
1121160	-0.2	-0.05	1	27.6	1	106	3	5.5	0.01	6.07	4.06
1121161	-0.2	-0.05	35	2.57	2	8.3	0.2	0.46	0.01	1.09	0.37
1121162	0.2	-0.05	2	34.4	4	82.2	5	6.44	-0.01	9.49	4.25
1121163	0.2	-0.05	2	24.9	8	4	3.3	6.39	0.01	8.23	3.6
1121164	0.2	-0.05	1	26.2	7	40.6	2.4	5.36	0.01	4.81	3.93
1121165	-0.2	-0.05	23	14.7	3	244	0.1	7.26	0.04	0.69	4.2
1121166	0.2	-0.05	1	31.1	8	65.6	3.2	5.26	0.01	6.06	3.92
1121167	-0.2	-0.05	1	27.8	9	77.2	3.4	5.69	-0.01	6.46	4.23
1121168	-0.2	-0.05	1	10.7	4	46.4	3.4	2.96	0.01	4.74	3.07
1121169	-0.2	-0.05	16	12.75	2	137.5	1.6	3	0.01	2.93	2.4
1121170	-0.2	-0.05	7	12.55	6	146.5	1.7	3.21	0.06	5.2	2.56
1121171	-0.2	-0.05	6	15.4	3	54.3	2.1	3.4	0.01	4.59	2.56

1121172	0.2	-0.05	5	25	2	54.9	2.2	4.84	-0.01	4.89	3.18
1121173	-0.2	-0.05	14	5.73	17	71.5	0.4	0.92	0.02	1.77	0.59
1121174	0.2	-0.05	2	16.9	1	55.3	4.1	2.67	-0.01	7.99	2.05
1121175	-0.2	-0.05	25	2.32	2	268	0.1	0.49	0.01	0.78	0.35
1121176	-0.2	-0.05	24	2.29	1	301	0.1	0.44	-0.01	0.83	0.33
1121177	-0.2	-0.05	1	30.2	5	95.3	2.5	5.74	-0.01	5.43	3.82
1121178	-0.2	-0.05	1	19.6	5	33.8	2.4	3.68	0.01	5.22	3.63
1121179	0.4	-0.05	35	2.1	2	166	0.1	0.37	0.06	0.45	0.24

Sample	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	SiO2 %	TiO2 %	Al2O3 %	BaO %
1121150	0.08	1.75	-5	1	232	24.8	127	426	77.15	0.12	10.23	0.05
1121151	0.16	1.71	-5	-1	230	27.3	4730	491	77.11	0.15	10.53	0.04
1121152	0.09	1.62	-5	1	206	23.9	116	423	76.48	0.13	10.87	0.03
1121153	0.59	1.2	31	1	103.5	10.85	370	319	65.08	0.41	13.98	0.04
1121154	0.68	0.56	149	-1	11.9	1.07	978	102	54.24	0.66	16.14	0.09
1121155	0.03	1.12	15	-1	99.8	10.6	204	317	74.03	0.36	12.45	0.04
1121156	-0.02	0.1	237	-1	21.9	2.22	107	64	50.29	0.7	14.01	0.01
1121157	0.02	0.51	70	-1	8	0.75	113	107	67.38	0.4	12.61	0.01
1121158	0.02	0.19	432	1	38.5	3.96	115	115	49.78	1.67	12.88	0.01
1121159	0.02	0.66	-5	-1	114	12.2	95	506	64.04	0.81	12.36	0.02
1121160	0.07	1.78	-5	1	209	25.3	33	434	78.81	0.13	11.07	0.01
1121161	-0.02	0.29	276	-1	22.9	2.27	315	74	49.83	0.88	16.66	0.01
1121162	0.02	3.35	-5	1	215	26.6	51	406	79.72	0.09	11.03	0.01
1121163	0.03	2.06	-5	1	222	22.6	370	361	70.36	0.09	10.1	0.01
1121164	0.08	1.4	-5	1	212	24.2	243	526	76.59	0.18	10.76	0.02
1121165	0.12	0.61	199	-1	275	21.7	50	52	51.39	0.62	19.9	0.03
1121166	0.42	1.54	-5	1	201	24.9	36	424	77.35	0.13	10.88	0.03
1121167	0.05	1.64	-5	1	225	27.1	34	457	76.99	0.13	11.06	0.02
1121168	0.04	1.65	-5	1	151	19	28	427	77.84	0.12	10.99	0.02
1121169	-0.02	0.78	-5	-1	128.5	15.05	256	596	68.9	0.59	12.25	0.02
1121170	0.02	1.35	25	-1	143	16.3	28	537	73.91	0.46	12.29	0.01
1121171	-0.02	0.97	-5	1	134	16.1	22	686	72.39	0.46	11.16	0.01
1121172	0.08	1.26	-5	-1	184.5	20.5	45	710	71.8	0.35	11.32	0.01
1121173	0.05	0.43	105	-1	38.1	3.5	199	152	60.19	0.59	14.44	0.02
1121174	0.03	2.29	-5	1	95.9	13.25	16	407	77.73	0.12	11.26	0.01
1121175	0.03	0.23	219	-1	19.5	2.36	45	66	51.5	0.75	17.66	0.02
1121176	0.03	0.2	212	-1	20	2.33	114	65	49.28	0.78	18.92	0.03
1121177	0.06	1.36	-5	-1	213	23.6	52	499	76.62	0.17	10.89	0.02
1121178	0.13	1.38	-5	1	181.5	23	102	487	76.89	0.16	10.63	0.04
1121179	0.04	0.12	229	-1	14.7	1.77	127	41	49.12	0.57	16.3	0.02

Sample	Cr2O3 %	Fe2O3 %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	SrO %	C %	S %
1121150	-0.01	5.33	0.11	2.07	0.2	0.45	2.14	0.01	-0.01	0.02	0.11
1121151	-0.01	5.41	0.22	1.74	0.11	0.22	1.45	0.02	-0.01	0.03	0.2
1121152	-0.01	3.52	0.06	2.69	0.28	2	2.37	0.01	-0.01	0.02	-0.01
1121153	-0.01	6.77	0.17	3.55	1.62	3.1	1.34	0.06	0.02	0.02	2.24
1121154	0.02	13.8	0.31	7.14	0.36	0.21	2.71	0.17	0.01	0.01	0.19
1121155	-0.01	3.28	0.06	0.88	1.26	3.9	2.17	0.05	0.02	0.03	0.01
1121156	0.04	11.9	0.19	8.43	10.6	2.08	0.25	0.06	0.01	0.03	0.02
1121157	0.01	7.62	0.09	2.87	3.1	4.22	0.22	0.12	0.02	0.03	0.12
1121158	0.01	18.68	0.24	5.23	6.89	3.21	0.35	0.16	0.01	0.03	-0.01
1121159	-0.01	10.15	0.16	2.33	5.77	1.52	0.99	0.22	0.01	0.02	0.14
1121160	-0.01	2.47	0.04	0.84	1.42	4.05	0.39	0.01	0.01	0.02	0.01
1121161	0.02	14.75	0.24	15.1	0.24	0.26	0.07	0.06	-0.01	0.04	0.01
1121162	-0.01	2.26	0.02	3.59	0.52	0.75	0.95	0.01	0.01	0.04	-0.01
1121163	-0.01	11.68	0.04	5.06	0.14	0.4	0.69	0.01	-0.01	0.01	0.06
1121164	-0.01	4.17	0.1	1.48	1.3	2.72	1.51	0.02	0.01	0.01	-0.01
1121165	0.02	9.12	0.04	4.58	4.79	3.84	2.93	0.04	0.02	0.01	0.01
1121166	-0.01	3.83	0.02	0.78	0.66	4.36	1.1	0.01	0.01	0.04	0.02
1121167	-0.01	3.8	0.02	1.52	0.51	4.47	0.86	0.02	0.01	0.03	-0.01
1121168	-0.01	3.38	0.02	1.04	0.39	4.72	1.09	0.01	-0.01	0.04	-0.01
1121169	-0.01	9.23	0.25	2.07	2.74	3.65	0.22	0.12	0.02	0.05	-0.01
1121170	-0.01	5.08	0.06	0.88	2.53	3.46	0.36	0.07	0.01	0.05	0.03
1121171	-0.01	7.99	0.03	1.31	0.94	4.31	0.28	0.13	0.01	0.03	-0.01
1121172	-0.01	7.28	0.07	2.5	0.55	3.56	0.27	0.06	0.01	0.01	-0.01
1121173	0.02	14.15	0.17	4.34	2.16	2.45	0.77	0.14	0.01	-0.01	-0.01
1121174	-0.01	3	0.02	0.37	0.5	5.47	0.42	-0.01	-0.01	0.02	-0.01
1121175	0.02	9.7	0.11	4.98	7.88	3.44	1.7	0.08	0.03	-0.01	0.02
1121176	0.02	9.63	0.16	5.46	7.6	2.75	2.18	0.08	0.03	0.03	0.02
1121177	-0.01	3.98	0.05	1.18	1.29	3.41	1.14	0.01	0.01	0.01	-0.01
1121178	-0.01	3.91	0.07	2.04	0.75	0.9	2.97	0.01	-0.01	0.02	-0.01
1121179	0.05	11.08	0.27	6.74	10.35	2.04	1.1	0.06	0.02	0.02	0.09

Appendix 2

JORC Code,2012 Edition Table 1

Section 1 Sampling Techniques and Data

Criteria	Explanation	Commentary
Sampling Techniques	Nature and quality of sampling (eg 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. Aspects of the determination of mineralisation that are Material to the Public Report	Outcrops of rocks were sampled using rock chips at variable intervals. Sample preparation was undertaken at ALS Thunder Bay laboratory. Samples were weighed and logged with details entered into a master sampling tracking spreadsheet. Sample preparation and analyses were conducted by ALS Laboratories located at Thunder Bay and Vancouver. Samples were dried and each sample was fine crushed to >70% passing a 2mm screen. A 250g split was pulverised using a ring and puck system to >85% passing 75-micron screen. The analytical technique used for all samples initially involved a four-acid digest followed by multi-element ICP-ES analysis producing results for base metals and gold. • Method OG62 for zinc, • Method OG62 copper, • Method FA- AA for gold, • Method OG62 silver
Drilling techniques	Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).	N/A as no drilling was undertaken.
Drill Sample Recovery	Method of recording and assessing core and chip sample recoveries and results assessed. recovery and ensure representative nature of the samples.	N/A as no drilling was undertaken.

	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.	
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.	N/A as no drilling was undertaken.
	Sub-Sampling techniques and sample preparation If core, whether cut or sawn and whether quarter, half or all core taken.	N/A as no drilling was undertaken.
Sub-sampling techniques and sample preparation	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. 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	N/A as no drilling was undertaken.

	sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.	
Quality of assay 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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	Sample preparation and analyses were conducted by ALS Laboratories located at Thunder Bay and Vancouver. Samples were dried and each sample was fine crushed to >70% passing a 2mm screen. A 250g split was pulverised using a ring and puck system to >85% passing 75-micron screen. The analytical technique used for all samples initially involved a four-acid digest followed by multi-element ICP-ES analysis producing results for base metals and gold. • Method OG62 for zinc, • Method OG62 copper, • Method FA- AA for gold, • Method OG62 silver
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	A Senior geological consultant was engaged by the Company to map the geology, stratigraphy and collect the samples. Primary data were collected by the consultant geologist for the Company at the project site. All measurements and observations were recorded onto hard copy templates and later transcribed into the Company's digital database. Digital data storage, verification and validation are managed by a Perth-based data management consultant. No adjustments or calibrations have been made to any assay data.

	(physical and electronic) protocols. Discuss any adjustment to assay data.	
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.	Refer Appendix 1 – Sample Table
Data spacing and distribution	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.	N/A as no drilling was undertaken.
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	N/A as no drilling was undertaken.

	sampling bias, this should be assessed and reported if material.	
Sample Security	The measures taken to ensure sample security.	Assay samples were placed in poly sample bags, each with a uniquely numbered ticket stub from a sample ticket book. Sample bags were marked with the same sample number and sealed with a plastic cable tie. Company personnel delivered the sample bags directly to ALS Laboratories for sample preparation and analysis.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	All digital data is subject to audit by the independent data manager.

Section 2 Reporting of Exploration Results

Criteria	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 Pick Lake Project comprises 297 claim units (each claim unit is 400mx400m or 16Ha in area) totalling 47.5km2. The claims are made up of a number of claims acquired in August 2016 and claims recently staked and registered in October 2017. The total of all claim areas is >17,000Ha. Superior is the legal and beneficial owner of 70% of the issue capital of Ophiolite Holdings Pty Ltd (ACN 617 182 966) (Ophiolite). Ophiolite is a proprietary exploration company and is the legal and beneficial owner of the zinc and copper prospective "Pick Lake Project", located in Ontario. Please see ASX announcement dated 6 December 2017. Superior Lake currently has an option over the Winston Lake project claims. These claims are owned by FQM. For further details please refer to ASX announcement dated 21st February 2018.
	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 claims are in good standing.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	The Pick Lake deposit was discovered in 1983 and the Winston Lake deposit was discovered in 1982. The Pick Lake and Winston Lake project areas have been the subject of a variety of exploration campaigns. Some of the previous explorers include Zenamc Metal Mines Limited, Falconbridge Copper Corporation, Minnova, Inmet Mining, Noranda, and Silvore Fox. Please refer report filed on SEDAR for further details - Independent Technical Report on the Pick Lake Property, Pays Plat Lake and Rope Lake Area, Ontario, Canada, dated June 19, 2013 prepared by Bruno Turcotte, MSc, P. Geo and Remi Verschelden, BSc, P. Geo (filed June 21, 2013 on SEDAR). This report can be accessed via the url: http://www.sedar.com under the company name "Silvore Fox".
Geology	Deposit type, geological setting and style of mineralisation	The Pick Lake deposit occurs at the extreme western edge of the Winston-Big Duck Lake sequence of volcanic rocks, approximately 35 metres above a granitic contact. Aeromagnetics within the Project area depicts a distinctive V shaped sequence of magnetic and non-magnetic units converging to a northern "V" apex and appears remarkably similar to the aeromagnetic character of the older Archean Warriedar Fold Belt in Western Australia which hosts the Golden Grove VMS deposits. The Pick Lake deposit occurs as a large sheet like zone of massive sulphides within a series of bedded pyroclastic rocks. Hydrothermal alteration exists in both footwall and hangingwall rocks resulting in varying assemblages of quartz, cordierite, biotite, anthophyllite, garnet, chlorite and sericite with minor disseminated sulphides. The hydrothermal alteration zone appears to be spatially related to the Winston Lake deposit; recent structural mapping provides evidence that Pick Lake and Winston Lake are hosted within the same stratigraphic horizon. The Anderson showing, located near the southeast shore of Winston Lake, appears to be the

		surface expression of the Pick Lake deposit. This is a rusty pyritic weakly altered series of bimodal volcanics. Massive sulphides of the Pick Lake deposit occur from approximately 300m to 1200m vertically and over a strike length averaging 250 metres. The lower portion of the deposit appears to increase in strike length to approximately 500 metres. The deposit strikes at 20 degrees and dips to the east at 50 degrees. The thickness of the deposit is generally between 2 and 4m, however, locally it is up to 14 metres in width. Sulphide mineralisation is generally very consistent, composed of a fine-grained mixture of sphalerite (50-80%) and pyrrhotite (5-35%) with minor chalcopyrite (0-5%) and pyrite (0-3%). Commonly contained within the sulphides is up to 5% transparent rounded quartz inclusions up to 3mm in size as well as rare (1-3%) sub-rounded biotitic volcanic inclusions. The contacts to the deposit are typically knife sharp and commonly show the presence of minor amounts of silica. The Winston Lake deposit lies at the top of the Winston Lake sequence within cherty exhalite and altered felsic-to-intermediate laminated ash tuff. In places, gabbro forms the hanging wall for the deposit. The footwall consists of altered mafic flow rocks and felsic-to-intermediate volcaniclastic rocks which are underlain by altered quartz and feldspar porphyritic rhyolite and feldspar pyritic basalt with intercalated sulphide-rich, bedded, tuffaceous rocks which, in turn, are underlain by the "Main" quartz fledspar porphyry which is intruded by gabbro and pyroxenite. Hydrothermal alteration, confined to the Winston Lake sequence, and later metamorphism of altered rock have resulted in spectacular assemblages of cordierite, anthophyllite, biotite, garnet, sillimanite, staurolite, muscovite and quartz coincident with an increase in iron, magnesium, and potassium and a decrease in sodium and calcium. Zinc content is directly proportional to the intensity of alteration. High copper values occur at the flanks and top of the alteration "pipe" with the core of the pipe containing relatively depleted copper values. The most common forms of ore are finely banded sphalerite and pyrrhotite and massive-to-coarsely banded sphalerite and pyrrhotite with minor pyrite and chalcopyrite and up to 45% of sub-angular mafic and felsic fragments averaging 3cm in diameter. The north-striking and 50 degrees eastwardly dipping deposit has a strike length of 750m and width of 350m. It has an average true thickness of 6m and is open to depth.
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 interception depth hole length.	N/A as no drilling was undertaken.

Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated	Intercept grades are length weighted. No cut-off grades have been used.
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 (eg 'down hole length, true width not known').	N/A as no drilling was undertaken.
Diagrams		Refer to body of announcement for figures.
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.	Assay results have been tabulated in Appendix 1.
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	Exploration activities carried out by other parties include surface geochemistry, drilling, surface geology mapping, VTEM, structural mapping. Refer to the report filed on SEDAR for further details - Independent Technical Report on the Pick Lake Property, Pays Plat Lake and Rope Lake Area, Ontario, Canada, dated June 19, 2013 prepared by Bruno Turcotte, MSc, P. Geo and Remi Verschelden, BSc, P. Geo (filed June 21, 2013 on SEDAR). This report can be accessed via the url: http://www.sedar.com under the company name "Silvore Fox".

	survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	The following work is planned for the Superior Lake Project: • Drilling • Downhole geophysics • Surface TEM geophysics