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2018 ASSESSMENT REPORT
SEPARATION RAPIDS
KENORA DISTRICT
(NTS 52-07 SE)

Gossan Resources Limited

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MoGeotechnical Services Inc.

January 7th, 2019

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Location and Access

The property is located in NTS area 52L-07 SE and approximately 75 kilometres north of Kenora, Ontario on the English River. It is located approximately 1 kilometre east of Avalon Rare Metals Ltd. Big Whopper Deposit. Access to the property is via the English River Road and the Big Whopper access Road. Access by float plane is available from the town of Minaki or Kenora. Alternatively the English River it is also accessible by boat from Separation Rapids Landing.

The physiography of the area is typical of the Pre-Cambrian shield with rocky outcrops interspersed with peat bogs and swamps. The overburden consists of glacial till and clay deposits. Much of the area of the claims is covered by forest consisting of small pines, alders, and poplars. At least 50% of the claim area is over water.

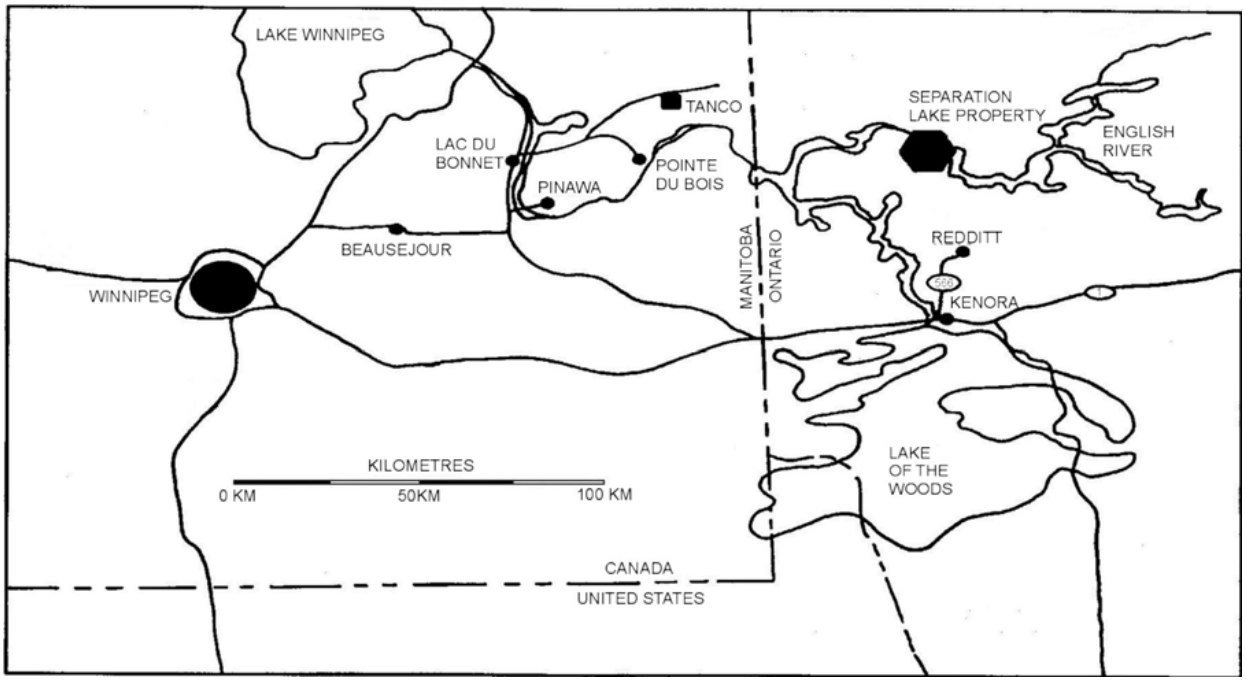


Figure 1: Property Location

Property

Presently under the new Ontario claim system, the property consists of 9 Single Mining Cells and 11 Boundary Mining Cells (Figure 2 and Table 1) which totals 252 hectares.

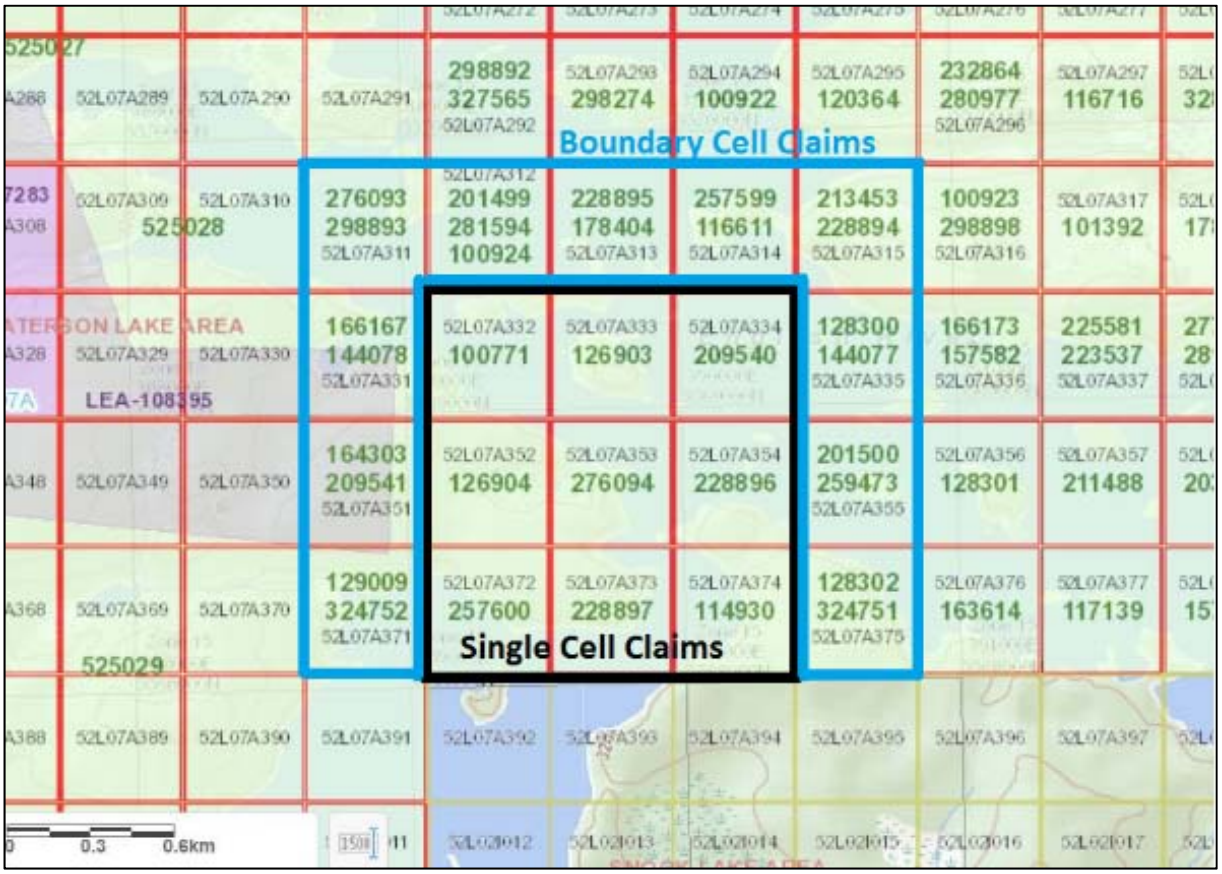


Figure 2: Gossan Resources Limited - Single Cell and Boundary Cell Map

Mining Claim	Registration Date	Anniversary Date	Holder	Status	Mining Claim Type
144078	09/04/2018 23:00	24/05/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
324752	09/04/2018 23:00	24/05/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
209541	09/04/2018 23:00	24/05/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
276093	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
201499	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
228895	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
257599	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
228894	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
144077	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
201500	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
324751	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Boundary Cell Mining Claim
276094	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Single Cell Mining Claim
209540	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Single Cell Mining Claim
126903	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Single Cell Mining Claim
100771	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Single Cell Mining Claim
126904	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Single Cell Mining Claim
228896	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Single Cell Mining Claim
114930	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Single Cell Mining Claim
228897	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Single Cell Mining Claim
257600	09/04/2018 23:00	09/01/2019 23:00	Gossan Resources	Active	Single Cell Mining Claim

Table 1: Gossan Resources Limited – Separation Rapids Claim Cells – December 2018

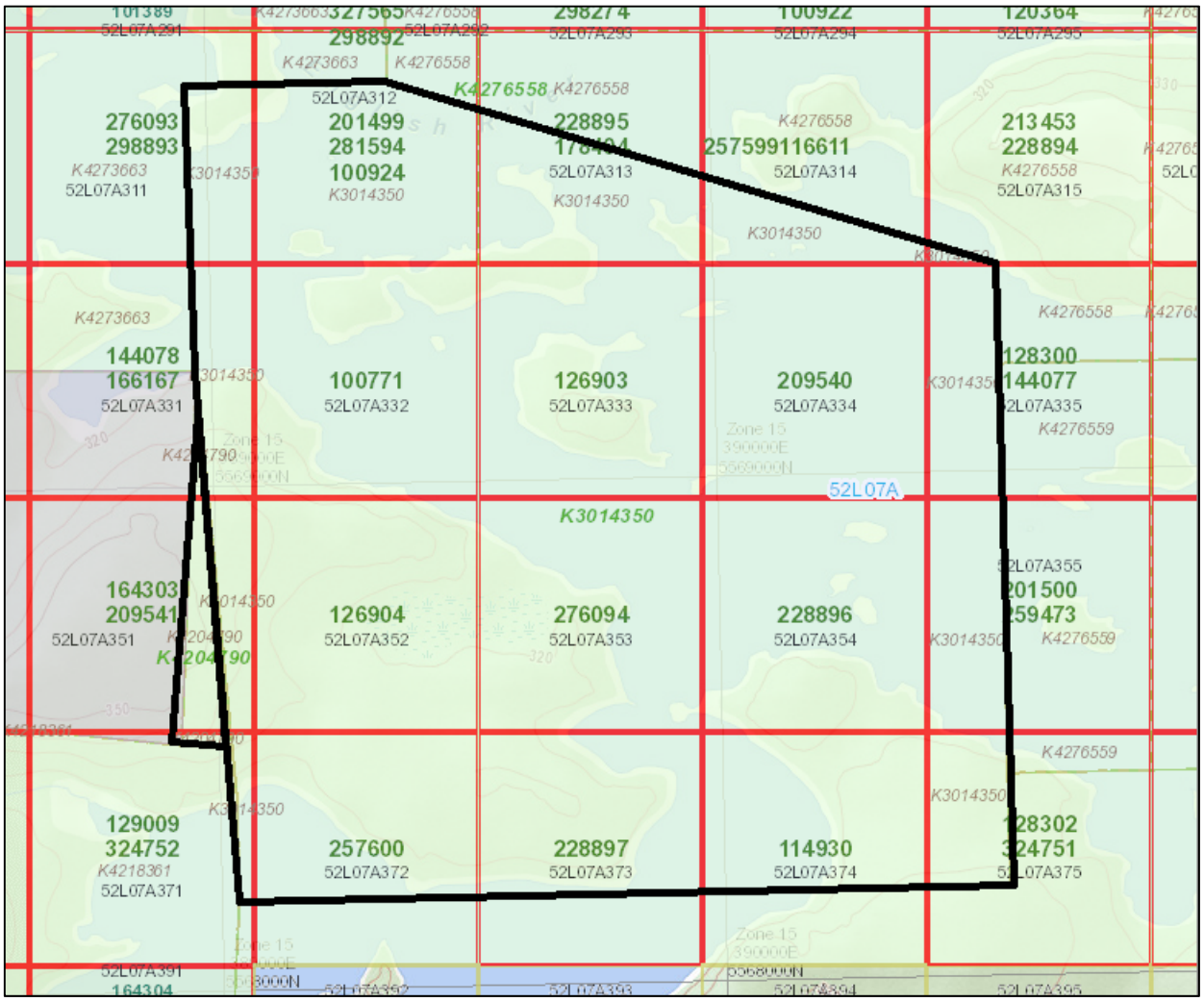


Figure 3 Original Claims Over the Present Claim Cells.

Property Topography

The highest point on the property is toward the west boundary. From there it slopes down to the peat bog to the east. The peat bog is roughly rectangular in shape and it is about 400m in length and 160 m in width. Soil depths, as were indicated in the 2009 assessment report, tend to be very thin on the height of land but increase down slope toward the peat bog. The depth of overburden in the peat bog is not known. Most of the claims are situated on a peninsula that is the eastward land extension of the area that hosts the Big Whopper Lithium Pegmatite (Avalon Ventures).

Previous Work

The claim area was originally the western most claims of a very much larger property package that was held by Tanco Mining Corporation of Canada Limited in joint venture with Gossan Resources Limited. Exploration work was conducted by Tanco between 1996 and

2000. This work consisted of reconnaissance geological mapping, lithogeochemical sampling, and an Enzyme Leach soil geochemical survey. Tanco's interest in the property was transferred to Angus and Ross in 2002. Gossan Resources Limited acquired a 100% undivided interest in the property from Angus and Ross in 2006.In 2007 Gossan Resources Ltd. had a grid cut over the property. That grid consisted of an east- west baseline with cross lines every 100m. Lines were not cut across the peat bog. The lines were prospected and a second Enzyme Leach soil geochemical survey was conducted.

Subsequent visits to the property in 2008 and 2009 by the Ryan Cooke and Chris Pederson, revealed that the line cutting had been poorly done to the extent that lines and stations were, in places, incorrectly numbered and the chainage was inaccurate. It also revealed that significant outcrops that occurred between the lines had not been noted or sampled. Some of those outcrops included pegmatites that appeared to host lithium minerals, mainly lepidolite and petalite, mineralization that had been missed by the previous programs. These two previous programs did demonstrate that the most prospective part of the property was located on the northern half of the peninsula described in the topography section. This prospective zone is on strike with the Big Whopper Lithium Pegmatite.

The 2009 program was undertaken to more completely explore the lithium bearing pegmatites that had been noted and sampled during the two visits made to the property by the company in the fall of 2008 and the spring of 2009.

The existing grid was refurbished and re-chained with stations every 25 metres at 100 metre grid line intervals in 2009. The baseline was then extended west to the property boundary. A total of 1345 metres of new line was cut and 2950 metres of line was refurbished and re-chained.

In the 2009 work, prospectors David Galley and Kelvin LaDouceur, both of Thunder Bay, were employed to cut and refurbish the grid and thoroughly prospect that grid, including the areas between the lines, for additional pegmatite bearing outcrops and then to carry out the soil sampling survey. A graduate geologist, Tom Hildahl, was employed to map the property, under the supervision of the company. A total of 10 channel samples were taken, each 0.9 m long. Twenty-eight (28) grab samples were taken by the prospectors and the geologist from outcropping pegmatites. The prospecting team also took 173 soil samples that were submitted for Soil Gas Hydrocarbon determinations.

Avalon Advanced Materials Inc. – The Big Whopper Lithium Pegmatite

Avalon Advanced Materials Inc.'s Big Whopper Lithium Pegmatite is situated less than 1000 metres directly west of Gossan's Separation Lake claim boundary. Since acquiring the property in 1996, Avalon has expended approximately $10 million on exploration and development work, primarily focused on the deposit's lithium potential. Initial exploration work conducted in 1997-2001 included geological mapping, trenching, ground magnetic surveys, mineralogical studies and diamond drilling totaling 10,152 m in 69 holes. Subsequent

work focused on tantalum potential and other potential industrial mineral products.

In 2014, Avalon re-activated the Separation Rapids project after receiving expressions of interest in its petalite from several international glass manufacturers. Work focused on pilot plant production of large concentrate samples for evaluation by customers.

A new mineral resource estimate was calculated using results from a 6 hole winter drilling program in 2017. Four holes extended the known deposit resulting in a 10% increase in overall tonnage. Two of the holes drilled between the Big Whopper and Gossan's western claim boundary contained significant intersections of up to 20 metres true width lepidolite-petalite mineralization. Avalon calculated new Measured and Indicated Resources to 8.405 million tonnes at 1.408% Li2O, with an additional Inferred Resource of 1.791 million tonnes at 1.349% Li2O.

On August 21, 2018 Avalon announced an updated Preliminary Economic Assessment ("PEA") that proposes the production of petalite concentrate, lepidolite concentrate, and feldspar. For details pertaining to the new resource estimate and positive PEA, refer to the NI 43-101 report filed by Avalon on SEDAR.

Regional Geology

The Separation Rapids property occurs in the Separation Lake Greenstone Belt (Blackburn and Young, 1992) it is part of a package of metavolcanic rocks which occur discontinuously along the boundary of the English River and Winnipeg River sub-provinces of the Archean Superior Province. The belt constitutes the boundary zone between the high-grade, metasediment dominated, English River Sub-province to the north and the Granite – tonalite dominated Winnipeg Sub – province to the south. The Separation Lake greenstone belt maybe an extension of the 2.74 Ga Bird River metavolcanic - metasedimentary belt to the west. This belt is known to host pegmatite fields such as the Greer Lake, Rush Lake, and Bernic Lake fields.

Property Geology

The peninsula is dominated by rocks of the Separation Rapids Metavolcanic Belt. This unit consists of mafic to intermediate volcanics that display a foliation that trends about 100° and dips 72° to 88° degrees south. This unit is the host rock for all of the pegmatites that were noted in the field.

Within the central portion of the metavolcanic unit there is a "zone" in which occur multiple pegmatite sill-like bodies that range in width from a few centimetres to more than 5 metres. This "zone" is designated on the property scale geology map as the "Pegmatite Zone". This "zone" is approximately 100m wide on the west edge of the property but it narrows to about 50m in width before it disappears under the peat bog to the east.

The pegmatites all appear to be parallel to the strike and dip of the foliation of the enclosing

metavolcanics. Thus the contacts appear to strike about 100° and dip 72° to 85° south. Most of the pegmatites are very narrow, a few centimetres to about a metre in thickness, and were not individually mapped due to scale on previous geology maps. Actual width or thickness of individual pegmatites sometimes are hard to determine due to low lying outcrop and the lack of exposure of both contacts.

To the north, the metavolcanics are in contact with the Separation Rapids Pluton, which outcrops only in the extreme north western part of the grid and again in the extreme eastern part of the grid on the Shore of Separation Lake. This unit is a pegmatitic granite as has been defined by the past work of Tanco.

The southern part of the mapped area is dominated by granites of the Winnipeg River Sub-province. This unit is also pegmatitic and described by Breaks and Tindle as a biotite granite and granodiorite. The 2009 mapping described this unit to be distinguished by metre sized quartz and feldspar clusters. Granodiorite was noted only in the extreme south east portion of the map area. The geology of the 2009 work area is shown in Figure 4 and 5.

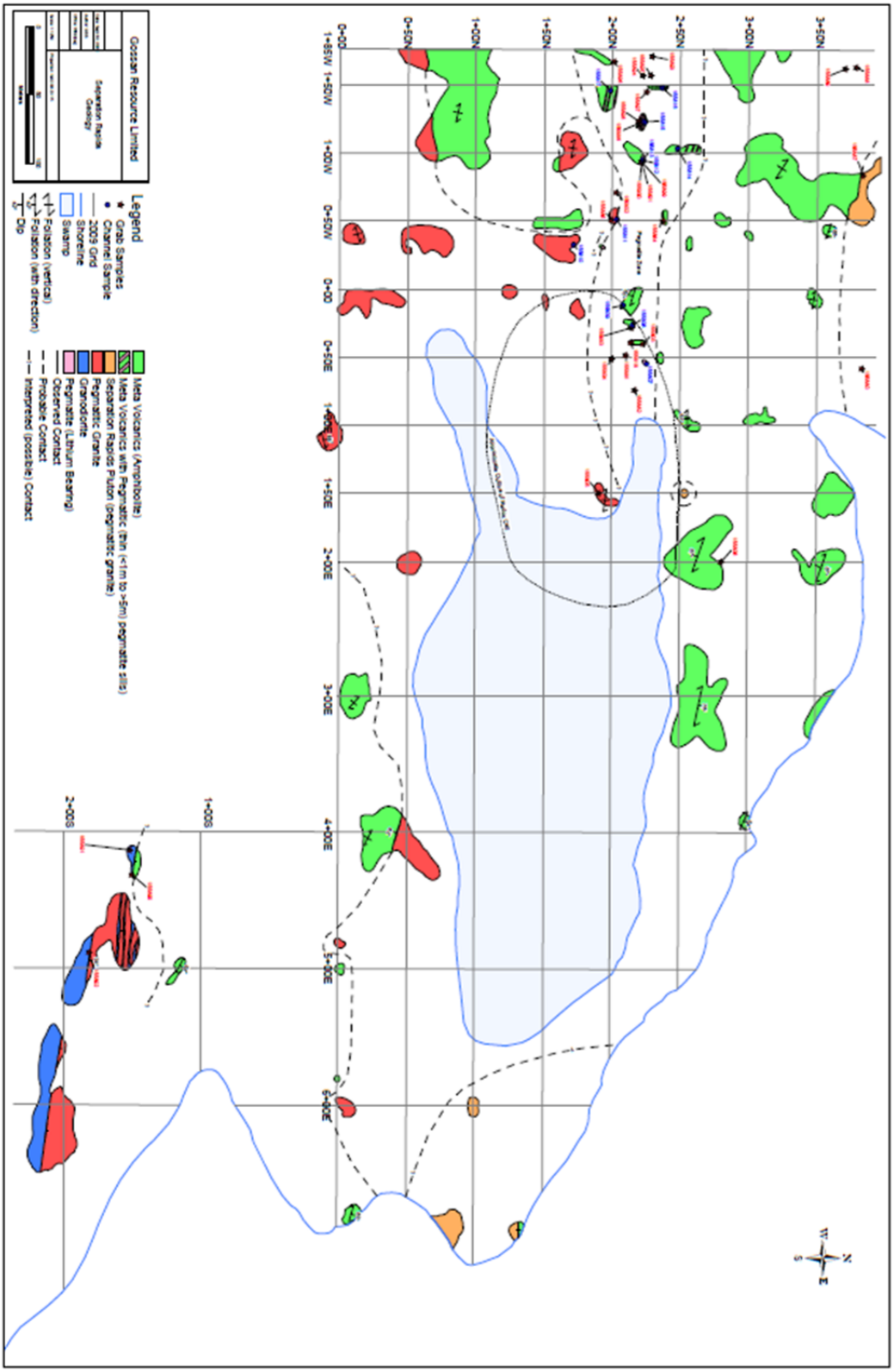


Figure 4: Property Geology (Gossan 2009 Assessment Report, Cooke)

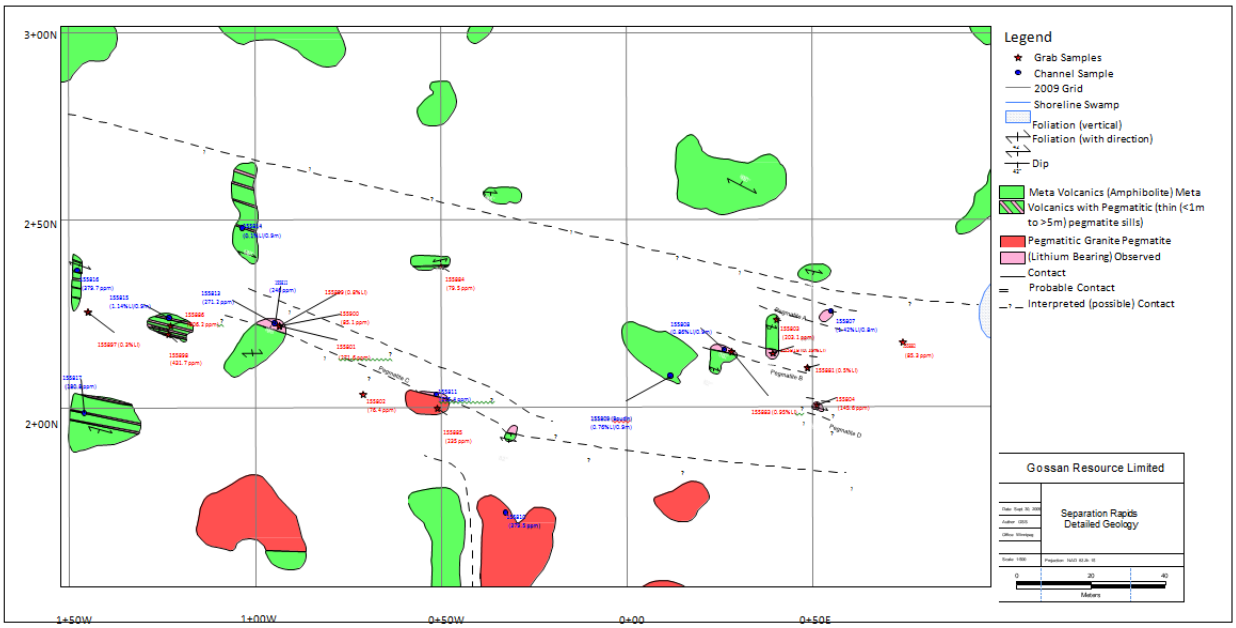


Figure 5: Detailed Geology (Gossan 2009 Assessment Report, Cooke)

The Pegmatites in 2009 were described as consisting of at least 4 lithium bearing pegmatites within the "Pegmatite Zone" that may have a strike length greater than 25m and in one case more than 75 m. These pegmatites have been labelled, on the detailed geology map as, A, B, C, and D in Figure 5. The recessive nature of these pegmatites has meant that few contacts with the enclosing metavolcanics were observed. The width or thickness of these pegmatites, with one exception, could not be determined. The one exception to this was Pegmatite "B" where the north and south contacts were observed separately in adjacent outcrops. This pegmatite is at least 5m thick. The thickness of the others could not be determined but from their exposure in outcrop they are at least 4-5 metres wide and maybe much wider than that. The strike length of these pegmatites is also a matter of speculation. Pegmatite "C" appears to be at least 75 metres long based on its exposure in three outcrops. Pegmatite "D" may be an easterly extension of pegmatite "C". Pegmatite "B" appears to be at least 25 metres long.

The pegmatites do not appear to be foliated except at the contacts where they grade into a "sugary" textured rock and appear weakly schistose with no apparent change in mineralogical composition. Boudins of pegmatite were also noted in several outcrops. It should be noted that the main pegmatites, that is "A", "B", and "C" all trend or strike easterly into the peat bog.

All four of these pegmatites are host to lithium mineralization. In particular Pegmatites A, B, and D displayed visible lepidolite and petalite mineralization. This has been confirmed by channel and grab sample assays. A channel sample from A returned 1.42% Li over 0.8m. Similarly a channel sample of Pegmatite B returned an assay of 0.86% Li over 0.9m. A grab sample, 155899, taken from the west end of Pegmatite C ran 0.8% Li.

2018 Field Program

A field program was planned for the latter part of October 2018. The program got weathered out and only two days were spent in the field with a four man crew. The area concentrated on was the "pegmatite Zone" as determined in the 2009 assessment work. A total of 21 field samples (Table 2 and 3, Figure 6) were collected and 1 QAQC blank. All samples were analyzed at the Activation Laboratories facility, in Ancaster, Ontario. Samples were prepared, using the lab's Code RX1 procedure. Samples are crushed, up to 95% passing through a 10 mesh, riffle split, and then pulverized, with mild steel, to 95%, passing 105 µm. Analyses were completed, using the lab's Ultratrace 7 Package (UT7). A Sodium Peroxide Fusion, which allows for total metal recovery and is effective for analysis of Sulphides and refractory minerals, was used to prepare the samples. Assay analyses are carried out, using ICP-OES and ICP-MS instrumentation.

The QAQC blank indicated no detectable problems with the lab assays. The lab also carries its own set of QAQC procedures.

The complete assay certificates are available in Appendix B. Table 2 is a description of each of the samples and Table 3 presents the assays for Li, Cs, Rb and Ta.

Numerous uncovered pegmatites were noted in the field as well as the sampling and channels of discovered pegmatites from 2009. Overall the program was focused on attempting to explain the emplacement of the pegmatites and any structural controls. The plan to study the fractionation of the pegmatites with regards to the Separation Rapids Pluton (which is a pegmatitic granite, see Tanco assessment reports) being the probable source of the pegmatites was put on hold due to the weather.

As mentioned, numerous pegmatites were encountered that were not discovered in past work. Hand stripping revealed many contacts and these were used to describe a larger pegmatite picture as seen in Figure 7. The pegmatites for the most part are hosted in mafic volcanic rocks and occur to the south margin of the Separation Rapids Pegmatitic Granite.

The mafic volcanics (part of the Separation Rapids Greenstone Belt as defined by past work by Breaks, Tindle, Blackburn and Young) are basaltic in composition, grey to black, fine grained and generally foliated. Outcrops in the mapped area tend to be of low to very low relief.

Structurally the pegmatites tend to follow foliation and are not essentially foliated to the same degree. At least two ages of pegmatites were encountered, based on cross cutting relationships. Towards the west side of the sampled zone, pegmatites were essentially trending east to west but towards the east the pegmatites tended to display a sigmodal shape. These sigmodal shapes suggest that the pegmatites may be occupying areas of structural extension as extension fills. The connectivity of the pegmatites and their association at depth are unknown at this time.

Sample #	Date	UTM NAD83 15U Loc E	N	Rock Type	Sample Description Rock Type & General Description
3101	Oct 18-18	389128	5568831	pegmatite	Albite petalite pegmatite - 85% fg sugary albite, 10-15% fg-mg bladed brown to black tourmaline (dravite); strataform, en echelon, ptygmatic, and X-cutting
3102	Oct 18-18	389121	5568838	pegmatite	Albite petalite pegmatite - 85% fg sugary albite, 10-15% fg-mg bladed brown to black tourmaline (dravite); strataform, en echelon, ptygmatic, and X-cutting
3103	Oct 18-18	389177	5568837	pegmatite	Albite petalite pegmatite - 85% fg sugary albite, 10-15% fg-mg bladed brown to black tourmaline (dravite); strataform, en echelon, ptygmatic, and X-cutting
3001	Oct 18-18	389158	5568829	pegmatite	Albite petalite pegmatite - 95% fg sugary albite, 5% fg-mg bladed brown to black tourmaline (dravite); strataform, en echelon, ptygmatic, and X-cutting, patchy brown weathering
3002	Oct 18-18	389142	5568830	pegmatite	Albite petalite pegmatite - 75% fg sugary albite, 20% fg 1-3mm bands lepidolite 5% fg-mg bladed brown to black tourmaline (dravite); strataform, en echelon, ptygmatic, and X-cutting, patchy brown weathering
3003	Oct 19-18	389077	5568813	pegmatite	Albite petalite pegmatite - 75% fg sugary albite, 10% fg garnet?, rubellite, or cinnabar? 5% fg-mg bladed brown to black tourmaline (dravite); strataform, en echelon, ptygmatic, and X-cutting, patchy brown weathering
3004	Oct 19-18	389075	5568814	pegmatite	Albite petalite pegmatite - 75% fg sugary albite, 10% fg garnet?, rubellite, or cinnabar? 5% fg-mg bladed brown to black tourmaline (dravite); strataform, en echelon, ptygmatic, and X-cutting, patchy brown weathering
3005	Oct 19-18	389187	5568832	pegmatite	Albite petalite pegmatite - 95% fg sugary albite, petalite, 5% fg garnet?, rubellite, or cinnabar?
3006	Oct 19-18	389201	5568847	pegmatite	Albite petalite pegmatite - 95% fg sugary albite, 5% fg garnet?, rubellite, or cinnabar?
3007	Oct 19-18	389223	5568863	pegmatite	Albite petalite pegmatite - 75% fg sugary albitepetalite, 20% fg-cg quartz5% fg garnet?, rubellite, or cinnabar?
3008	Oct 19-18	389261	5568848	pegmatite	Albitepegmatite - 75% fg- cg euhedral albite, 15% fg-cg quartz5% fg garnet, 5% mica
3009	Oct 19-18	389069	5568869	pegmatite	Albitepegmatite - 65% fg- cg euhedral albite, 15% fg-cg quartz, 5% petalite, 5% fg garnet, 5% mica, 5% blk tourmaline
3011	Oct 19-18	389774	5568765	peg gr	Pegmatitic granite shoreline, 70% fg-cg albite, 20% fg-cg quartz. 5% mica
3051	Oct 19-18	389071	5568809	Feldspar	fg cg euhdral subhedral albite
3052	Oct 19-18	389095	5568805	pegmatite	Petalite bearing pegmatite, mg to cg. 40% albite, 30% petalite, 20% quartz, 10% brown and silver mica
3053	Oct 19-18	389146	5568818	pegmatite	Petalite bearing pegmatite, weak 1-10 mm thick bands brown to silver mica, sugary albite/petalite
3054	Oct 19-18	389175	5568817	pegmatite	Petalite bearing pegmatite, 60% fg-mg quartz, 20% fg mg petalite, 15% albite, 5 % mica
3055	Oct 19-18	389272	5568795	pegmatite	Quartz albite vein 60% Quartz 40% albite
3056	Oct 19-18	389280	5568793	pegmatite	Pegmatitic granite fg- cg, 50% albite, 40% quartz, 10% blk to silver mica, trace torumaline? Trace petalite?
3057	Oct 19-18	389080	5568845	pegmatite	Albite petalite peg, 50%albite, 40% petalite, 10%mica-quartz
3058	Oct 19-18	389067	5568871	pegmatite	Albite petalite peg, 50%albite, 40% petalite, 10%mica-quartz

Table 2: Separation Rapids 2018 Field Sample Descriptions

Sample #	Date	UTM NAD83 15U Loc E	N	Cs ppm FUS-MS-Na2O2	Cs2O (ppm)	Li ppm FUS-MS-Na2O2	Li2O (%)	Rb ppm FUS-MS-Na2O2	Rb2O (ppm)	Ta ppm FUS-MS-Na2O2	Ta2O5 (ppm)
3101	Oct 18-18	389128	5568831	16.4	17.39	794	0.17	259	283.24	120	146.52
3102	Oct 18-18	389121	5568838	20.1	21.31	95	0.02	348	380.57	65.5	79.98
3103	Oct 18-18	389177	5568837	50.9	53.96	449	0.10	665	727.24	51.4	62.76
3001	Oct 18-18	389158	5568829	40.7	43.15	1100	0.24	4220	4614.99	13.1	16.00
3002	Oct 18-18	389142	5568830	88.9	94.25	> 10000	1.06	5350	5850.76	82.5	100.73
3003	Oct 19-18	389077	5568813	18	19.08	216	0.05	598	653.97	80.5	98.29
3004	Oct 19-18	389075	5568814	4.2	4.45	72	0.02	91.3	99.85	40.5	49.45
3005	Oct 19-18	389187	5568832	25	26.51	94	0.02	43.1	47.13	215	262.52
3006	Oct 19-18	389201	5568847	71	75.27	156	0.03	180	196.85	140	170.94
3007	Oct 19-18	389223	5568863	8.7	9.22	82	0.02	69.9	76.44	25.5	31.14
3008	Oct 19-18	389261	5568848	81.7	86.62	108	0.02	10100	11045.36	5.1	6.23
3009	Oct 19-18	389069	5568869	14.1	14.95	140	0.03	14.9	16.29	103	125.76
3011	Oct 19-18	389774	5568765	158	167.51	884	0.19	2010	2198.14	21.7	26.50
3051	Oct 19-18	389071	5568809	81.2	86.09	164	0.04	6810	7447.42	4.2	5.13
3052	Oct 19-18	389095	5568805	36.7	38.91	513	0.11	1160	1268.58	20.5	25.03
3053	Oct 19-18	389146	5568818	103	109.20	844	0.18	1830	2234.43	30.3	37.00
3054	Oct 19-18	389175	5568817	25.6	27.14	434	0.09	730	891.33	43.9	53.60
3055	Oct 19-18	389272	5568795	105	111.32	68	0.01	102	124.54	20.5	25.03
3056	Oct 19-18	389280	5568793	73.8	78.24	196	0.04	719	877.90	20	24.42
3057	Oct 19-18	389080	5568845	13.3	14.10	102	0.02	62.7	76.56	97.2	118.68
3058	Oct 19-18	389067	5568871	39	41.35	160	0.03	111	135.53	112	136.75

Table 3: Lithophile Element Assays for the 2018 Separation Rapids Assays.

Overall the assay results were not as encouraging as predicted but the area already showed lithium potential with the sampling from 2009. The best Li assay was #3002 (389158E, 5568813N) were 1.06% Li2O was achieved in sampling. It would appear that the albite content was higher than the petalite content. A suggestion would be that the pegmatites may have a zoning nature to them.

The geology map for 2018 (Figure 7) shows the postulation extensions of the pegmatites. This may vary as more data is obtained. It appears that this is the same system as that which hosts the Big Whopper Pegmatite to the west. This speculation is based on mineralogy and the fact that the pegmatites on the Gossan ground appear to be on strike with the Big Whopper Pegmatite.

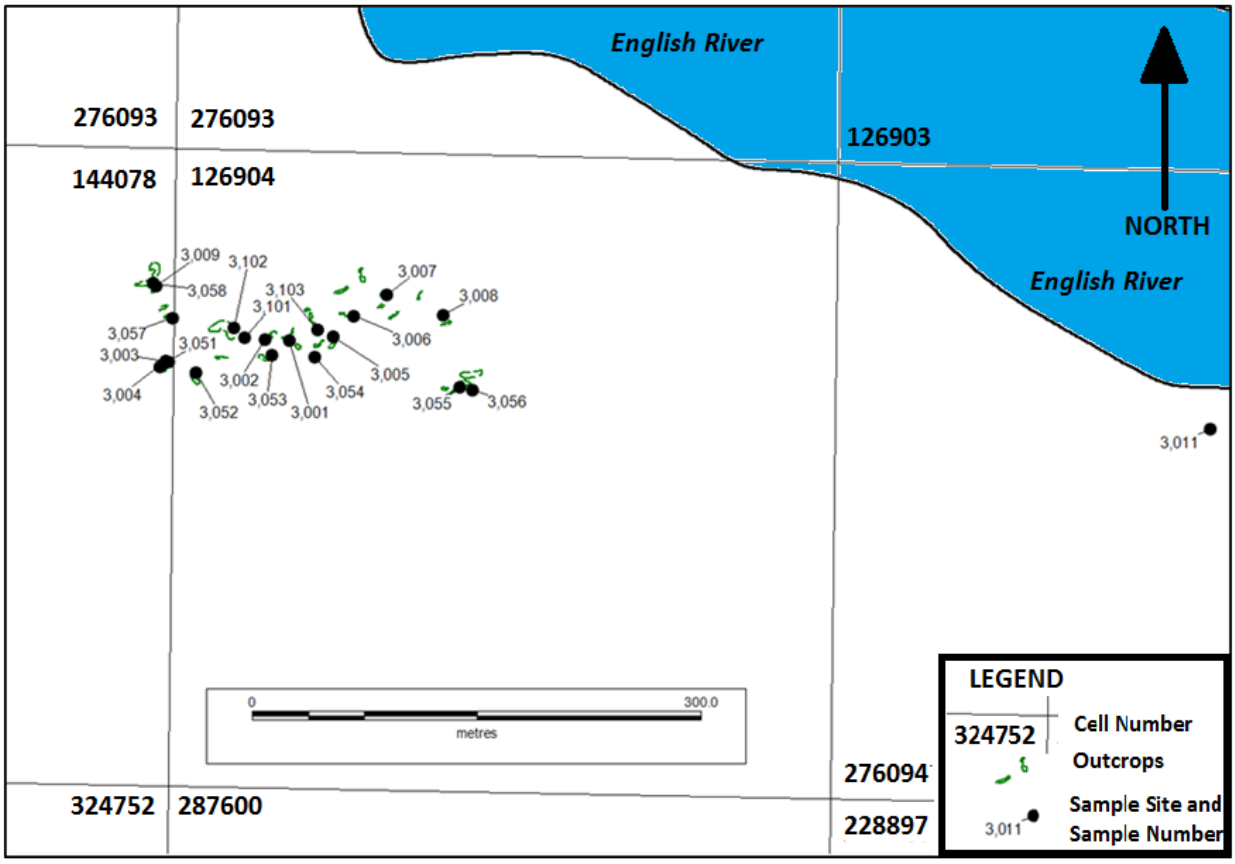


Figure 6: Sample Sites October 2018 – Separation Rapids

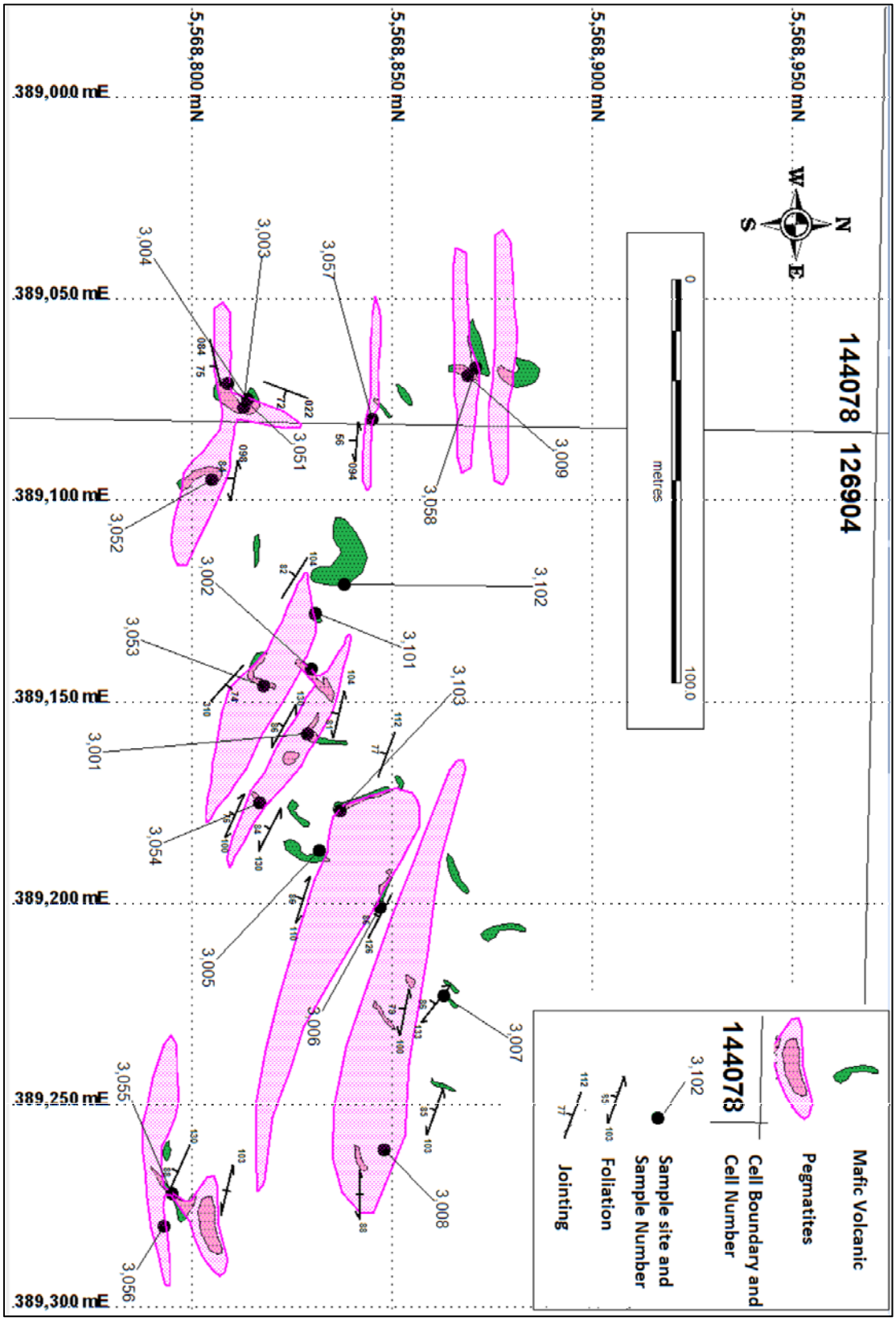


Figure 7: Geology Map – October 2018 – Separation Rapids

Conclusions and Recommendations

Detailed examination of the “Pegmatite Zone”, as defined from the 2009 field work, showed that there were many more pegmatites in the region. They appear to be on strike with the Big Whopper and have somewhat similar mineralogy, although the Big Whopper was not examined or reviewed in this assessment period. The area seems to be topographically lower than the Big Whopper area and this may be due to faulting or weathering.

The pegmatites shape and size varied and any connectivity is still a question that needs to be answered. To properly understand the emplacement of the pegmatites it is recommended that a trenching program be carried out. This would be best done as a small operation with a Bobcat and surface stripping. This project could also be completed in phases with the first phase being limited in size to ascertain the nature of the pegmatite emplacement. Note that the 2018 work completion was threatened with early winter conditions. It is imperative the work schedule be approved for summer/early fall.

Another exploration tool that could be utilized is a magnetic and radiometric survey. Radiometric Surveys do not penetrate too deep into overburden but many of the encountered pegmatites are on the surface or under thin till.

The region also needs to be subjected to a drill program. A recommendation for drilling would be to carry out several sets of stratigraphic drilling aimed at targeting the pegmatites and stepping back perpendicular to the dip of the pegmatites to create a stratigraphic section. It is believed that this would be valuable to see the 3D distribution of the pegmatites and any related structure or connectivity.

Respectively submitted,

Carey Galeschuk, BSc, PGeo

David Owens, BSc, PGeo

Report Disclaimer

This report was prepared for the purposes of reporting work performed for assessment in accordance with the mining regulations as set forth by the Province of Ontario. All interpretations are based on my best judgement from the available information present at the time of the preparation of the report. Any use or reliance on this information or any part of the report or interpretation by a third party is that party's responsibility. The authors of the report or related companied, as well as Gossan Resources, accept no responsibility or liability of damages or costs from use of any information used by others that are present in this report.

Appendix A

Expenses and Invoices

Tabulated List of Expenses
Gossan Resources Limited
Separation Rapids Project

Field Wages		**Day Rate**	**Amount of Days**	**Totals**
Person				
David Owens	Geologist	$600	3	$1,800.00
Carey Galeschuk	Geologist	$600	5	$3,000.00
Arnold Dietz	Assistant	$200	3	$600.00
Robert Brett	Assistant	$350	2	$700.00
Report Writing, Maps and Filing				
David Owens	Geologist	$600	1	$600.00
Carey Galeschuk	Geologist	$600	4	$2,400.00
			Wage Sub-total	**$9,100.00**
Field Expenses				
Assay Lab	Activation Laboratories			$1,272.00
Accomadation	Hideaway Cabins			$800.00
Dave Owens Travel in Ontario		561 km at $0.45		$252.45
Meals				$139.52
Rock shipment (Canada Post)				$59.26
			Expenses Sub-total	**$2,523.23**
			Sub-total	**$11,623.23**
			10% overhead	**$1,162.32**
			Total	**$12,785.55**

October 2018

From: Richard H. Brett
195 Redditt Road
Kenora Ontario
P9N 0E1
(705) 221-6533

TO! Gossen Resoarees Limited
Saite 404 - 171 Donald St.
Winnipeg Manitoba
R3C 1M4

Re: Taking Carey Galeschuk, Dave Owen's etc into English River Claim's. Octber 18/19

2 Day's at $350.$^{XX}/_{100}$ per Day

Sub Total $700.$^{XX}/_{100}$

Also Collecting HST at This Time

Business # 82791 0977 RT 0001

HST = $91.$^{XX}/_{100}$

Total = $791.$^{XX}/_{100}$

Richard H Brett

Appendix B

Assay Certificates

Activation Laboratories

Quality Analysis ... Technologies

Innovative

Date Submitted: 08-Nov-18
Invoice No.: A18-16978
Invoice Date: 14-Dec-18
Your Reference: SEPARATION RAPIDS 2018

Gossan Resources Limited
Suite 404-171 Donald St.
Winnipeg MB R3C 1M4
Canada

ATTN: Douglas Reeson

CERTIFICATE OF ANALYSIS

22 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-7 Sodium Peroxide Fusion (ICP & ICPMS)

REPORT **A18-16978**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	In
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	0.2
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
3101	8.29	< 5	< 10	44	101	< 2	0.32	< 2	< 0.8	0.3	< 30	16.4	4	< 0.3	< 0.1	< 0.1	0.41	56.4	0.2	5.6	< 0.2	< 10	< 0.2
3102	8.11	< 5	< 10	8	202	< 2	0.32	< 2	< 0.8	0.2	< 30	20.1	2	< 0.3	0.1	< 0.1	0.16	37.7	0.2	6.0	< 0.2	< 10	< 0.2
3103	8.01	7	< 10	5	228	< 2	0.21	< 2	2.0	< 0.2	< 30	50.9	< 2	1.0	0.2	< 0.1	0.39	54.7	1.1	3.3	< 0.2	< 10	< 0.2
3001	8.44	< 5	< 10	8	65	5	0.09	< 2	< 0.8	< 0.2	30	40.7	2	< 0.3	< 0.1	< 0.1	0.31	57.0	0.1	4.8	< 0.2	< 10	< 0.2
3002	8.28	< 5	< 10	13	120	3	< 0.01	< 2	< 0.8	1.7	40	88.9	3	0.4	0.1	< 0.1	0.18	56.6	0.3	4.3	< 0.2	< 10	< 0.2
3003	8.21	< 5	< 10	4	9	< 2	0.23	< 2	1.6	< 0.2	< 30	18.0	< 2	0.7	0.3	< 0.1	0.27	54.1	0.9	4.1	< 0.2	< 10	< 0.2
3004	7.73	< 5	< 10	4	19	< 2	0.49	< 2	2.5	< 0.2	60	4.2	7	2.0	0.7	< 0.1	0.41	40.7	1.2	3.1	0.2	< 10	< 0.2
3005	8.74	< 5	< 10	8	136	< 2	1.64	< 2	1.4	0.2	< 30	25.0	15	< 0.3	< 0.1	0.1	0.22	65.6	0.3	5.6	< 0.2	< 10	< 0.2
3006	9.49	14	< 10	20	86	< 2	2.01	< 2	< 0.8	0.9	< 30	71.0	4	< 0.3	< 0.1	0.2	0.22	50.3	0.2	6.2	< 0.2	< 10	< 0.2
3007	7.86	< 5	< 10	4	11	< 2	0.47	< 2	4.5	0.2	< 30	8.7	9	2.3	0.5	< 0.1	0.86	39.0	1.9	5.5	0.2	< 10	< 0.2
3008	8.81	< 5	< 10	5	4	< 2	< 0.01	< 2	1.3	< 0.2	< 30	81.7	< 2	< 0.3	< 0.1	< 0.1	0.14	36.5	0.6	3.1	< 0.2	< 10	< 0.2
3009	7.93	12	< 10	5	48	< 2	0.67	< 2	< 0.8	< 0.2	< 30	14.1	< 2	< 0.3	< 0.1	< 0.1	0.39	49.3	< 0.1	6.7	< 0.2	< 10	< 0.2
3010	0.12	< 5	< 10	6	< 3	< 2	30.7	< 2	1.3	< 0.2	< 30	0.1	< 2	< 0.3	< 0.1	< 0.1	0.23	0.3	0.2	< 0.7	< 0.2	< 10	< 0.2
3011	7.51	< 5	10	< 3	5	8	< 0.01	< 2	16.2	< 0.2	40	158	< 2	4.4	1.3	< 0.1	0.91	66.9	4.4	1.7	0.5	< 10	< 0.2
3051	9.31	< 5	< 10	12	51	< 2	< 0.01	< 2	< 0.8	< 0.2	< 30	81.2	14	< 0.3	< 0.1	< 0.1	0.17	33.9	< 0.1	3.0	< 0.2	< 10	< 0.2
3052	7.74	< 5	< 10	< 3	10	< 2	0.35	< 2	3.5	0.8	< 30	36.7	12	1.1	0.3	< 0.1	0.80	57.0	1.1	2.4	< 0.2	< 10	< 0.2
3053	6.66	< 5	< 10	4	1020	< 2	0.38	< 2	13.7	1.2	30	103	8	4.4	1.3	< 0.1	1.21	62.9	5.5	2.0	0.5	< 10	< 0.2
3054	1.13	< 5	< 10	< 3	845	< 2	0.18	< 2	6.1	0.8	70	25.6	5	4.2	0.8	< 0.1	0.40	10.2	5.3	1.4	0.4	< 10	< 0.2
3055	1.54	78	< 10	8	29	< 2	0.32	< 2	< 0.8	0.5	50	105	10	< 0.3	< 0.1	< 0.1	0.64	9.0	0.3	2.2	< 0.2	< 10	< 0.2
3056	8.65	50	< 10	8	15	< 2	0.84	< 2	4.8	0.5	< 30	73.8	13	1.1	0.3	< 0.1	0.61	42.1	1.6	3.2	< 0.2	< 10	< 0.2
3057	8.55	< 5	< 10	3	143	< 2	0.21	< 2	< 0.8	1.5	< 30	13.3	2	< 0.3	< 0.1	< 0.1	0.13	54.1	0.1	6.3	< 0.2	< 10	< 0.2
3058	9.10	8	40	9	114	< 2	0.80	< 2	0.9	< 0.2	< 30	39.0	4	< 0.3	< 0.1	< 0.1	0.40	65.5	0.2	5.1	< 0.2	< 10	< 0.2

Analyte Symbol	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	0.8	0.01	0.1	0.5	3	0.2	0.1	6	0.1
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
3101	0.2	< 0.4	794	0.03	234	< 1	38.8	0.6	< 10	0.9	< 0.1	259	0.01	< 2	< 0.8	> 30.0	0.2	228	18	120	< 0.1	< 6	3.7
3102	0.2	< 0.4	95	0.03	171	< 1	13.1	0.5	< 10	< 0.8	< 0.1	348	< 0.01	< 2	< 0.8	> 30.0	0.1	62.5	11	65.5	< 0.1	< 6	3.0
3103	0.4	0.6	449	0.02	1930	< 1	78.1	1.3	< 10	3.7	0.3	665	< 0.01	< 2	< 0.8	> 30.0	1.1	202	7	51.4	0.2	< 6	6.0
3001	2.0	< 0.4	1100	< 0.01	677	< 1	8.9	< 0.4	< 10	3.0	< 0.1	4220	< 0.01	< 2	0.9	> 30.0	0.2	158	8	13.1	< 0.1	< 6	6.1
3002	1.8	< 0.4	> 10000	0.04	1990	< 1	40.6	< 0.4	< 10	< 0.8	< 0.1	5350	< 0.01	< 2	< 0.8	> 30.0	0.3	221	7	82.5	< 0.1	< 6	3.1
3003	0.4	0.5	216	0.03	345	< 1	79.3	1.0	< 10	1.7	0.3	598	< 0.01	< 2	< 0.8	> 30.0	0.7	250	11	80.5	0.2	< 6	3.2
3004	0.2	0.9	72	0.02	2650	< 1	80.2	1.3	< 10	5.4	0.4	91.3	0.01	< 2	< 0.8	> 30.0	0.9	277	14	40.5	0.4	< 6	5.0
3005	< 0.1	< 0.4	94	0.02	54	< 1	59.2	0.8	< 10	4.0	0.2	43.1	< 0.01	< 2	< 0.8	> 30.0	0.2	230	46	215	< 0.1	< 6	8.6
3006	0.2	< 0.4	156	0.06	81	< 1	17.8	0.6	< 10	1.7	0.1	180	< 0.01	< 2	< 0.8	> 30.0	0.2	< 0.5	80	140	< 0.1	< 6	1.3
3007	0.1	1.5	82	0.02	2550	< 1	24.6	2.4	< 10	5.8	0.7	69.9	< 0.01	< 2	< 0.8	> 30.0	1.8	25.7	18	25.5	0.4	< 6	3.6
3008	8.6	0.5	108	< 0.01	72	< 1	6.5	0.8	< 10	8.3	0.2	10100	< 0.01	< 2	< 0.8	> 30.0	0.6	11.5	5	5.1	< 0.1	< 6	1.6
3009	< 0.1	< 0.4	140	0.03	122	< 1	33.6	< 0.4	< 10	1.6	< 0.1	14.9	0.01	< 2	0.9	> 30.0	< 0.1	13.1	16	103	< 0.1	< 6	2.4
3010	< 0.1	0.7	< 3	5.46	152	< 1	< 2.4	0.8	< 10	1.8	0.2	3.2	0.02	< 2	< 0.8	0.53	0.1	< 0.5	86	< 0.2	< 0.1	< 6	0.2
3011	2.1	4.8	884	0.02	1100	< 1	84.6	8.7	< 10	3.8	2.5	2010	< 0.01	< 2	< 0.8	> 30.0	4.8	114	< 3	21.7	0.8	< 6	13.1
3051	9.2	< 0.4	164	0.01	86	< 1	7.9	< 0.4	< 10	20.0	< 0.1	6810	0.05	< 2	< 0.8	> 30.0	< 0.1	23.5	7	4.2	< 0.1	< 6	0.2
3052	1.0	1.3	513	0.08	594	< 1	64.2	1.9	< 10	9.5	0.5	1160	0.02	< 2	< 0.8	> 30.0	1.1	220	10	20.5	0.2	< 6	3.4
3053	0.9	4.1	844	0.12	1680	< 1	90.8	7.8	< 10	14.9	2.1	1830	< 0.01	< 2	< 0.8	> 30.0	5.8	198	10	30.3	1.0	< 6	16.9
3054	0.4	1.6	434	0.04	1290	2	13.7	4.6	< 10	3.8	1.1	730	< 0.01	2	< 0.8	> 30.0	5.1	1870	< 3	43.9	1.0	< 6	6.3
3055	< 0.1	< 0.4	68	0.04	116	1	8.7	0.5	< 10	3.2	0.1	102	< 0.01	< 2	< 0.8	> 30.0	0.3	17.0	14	20.5	< 0.1	< 6	0.9
3056	0.7	1.7	196	0.04	139	< 1	38.1	2.6	< 10	5.7	0.7	719	< 0.01	< 2	1.1	> 30.0	1.5	58.8	23	20.0	0.3	< 6	3.0
3057	< 0.1	< 0.4	102	< 0.01	50	< 1	48.7	< 0.4	120	4.4	< 0.1	62.7	< 0.01	< 2	< 0.8	> 30.0	< 0.1	272	16	97.2	< 0.1	< 6	4.6
3058	< 0.1	< 0.4	160	0.06	127	< 1	84.9	0.6	< 10	7.1	0.1	111	< 0.01	< 2	< 0.8	> 30.0	0.3	26.0	24	112	< 0.1	< 6	2.1

Analyte Symbol	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Li
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	0.1	0.1	0.1	5	0.7	0.1	0.1	30	0.01
Method Code	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2
3101	< 0.01	1.1	< 0.1	2.3	< 5	1.6	0.6	< 0.1	< 30	
3102	< 0.01	1.6	< 0.1	1.5	< 5	< 0.7	0.9	0.1	< 30	
3103	< 0.01	3.1	< 0.1	2.3	< 5	2.1	5.1	0.5	40	
3001	< 0.01	26.1	< 0.1	1.1	< 5	1.3	0.7	0.1	< 30	
3002	< 0.01	28.2	< 0.1	1.1	< 5	6.1	1.9	0.2	60	1.06
3003	< 0.01	2.3	< 0.1	2.4	< 5	2.8	4.5	0.4	< 30	
3004	< 0.01	0.4	0.2	0.7	< 5	2.1	13.6	1.4	< 30	
3005	< 0.01	0.4	< 0.1	5.3	< 5	1.0	1.6	0.2	< 30	
3006	< 0.01	1.4	< 0.1	1.4	< 5	< 0.7	0.9	< 0.1	< 30	
3007	< 0.01	0.5	< 0.1	0.4	< 5	< 0.7	12.4	0.7	< 30	
3008	< 0.01	66.2	< 0.1	0.1	< 5	< 0.7	1.0	< 0.1	< 30	
3009	< 0.01	< 0.1	< 0.1	1.0	< 5	4.0	0.3	< 0.1	< 30	
3010	< 0.01	< 0.1	< 0.1	0.6	< 5	< 0.7	0.7	< 0.1	< 30	
3011	< 0.01	11.5	0.2	5.0	< 5	7.8	24.4	1.8	70	
3051	< 0.01	49.7	< 0.1	0.2	< 5	< 0.7	0.5	0.1	< 30	
3052	0.01	5.6	< 0.1	1.0	< 5	5.5	5.6	0.5	80	
3053	< 0.01	8.8	0.2	3.3	5	5.0	23.2	1.7	130	
3054	< 0.01	2.9	0.2	5.8	< 5	1.4	21.5	1.4	60	
3055	< 0.01	0.9	< 0.1	0.6	< 5	4.9	1.2	< 0.1	< 30	
3056	< 0.01	5.4	< 0.1	1.9	< 5	< 0.7	4.9	0.2	50	
3057	< 0.01	0.3	< 0.1	1.0	< 5	< 0.7	0.3	< 0.1	< 30	
3058	< 0.01	0.5	< 0.1	2.5	< 5	2.4	0.7	< 0.1	< 30	

Analyte Symbol	Al	Al	Al	As	As	B	B	Ba	Ba	Be	Be	Bi	Bi	Ca	Ca	Ca	Cd	Cd	Ce	Ce	Co	Co	Cr
Unit Symbol	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	5	5	10	10	3	3	3	3	2	2	0.01	0.01	0.01	2	2	0.8	0.8	0.2	0.2	30
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
GXR-1 Meas					420	10			750	< 3		1380						3				8.5	< 30
GXR-1 Cert					427	15.0			750	1.22		1380						3.30				8.20	12.0
GXR-1 Meas					427	10			750	< 3		1370						3				7.9	< 30
GXR-1 Cert					427	15.0			750	1.22		1380						3.30				8.20	12.0
NIST 694 Meas														30.9									
NIST 694 Cert														31.16									
NIST 696 Meas		> 25.0	> 25.0																				
NIST 696 Cert		28.9	28.9																				
GBW 07239 (NCS DC 70007) Meas					< 5							< 2							60.6			13.6	
GBW 07239 (NCS DC 70007) Cert					1							1							60.3			13.5	
OREAS 131b (Fusion) Meas					86				807									93				20.4	
OREAS 131b (Fusion) Cert					90				803									93				19.4	
OREAS 131b (Fusion) Meas					88				807									89					
OREAS 131b (Fusion) Cert					90				803									93					
MP-1b Meas					> 10000										2.47	2.45							
MP-1b Cert					23000.00										2.47	2.47							
MP-1b Meas					> 10000																		
MP-1b Cert					23000.00																		
OREAS 101a (Fusion) Meas																			1360			49.2	
OREAS 101a (Fusion) Cert																			1396			48.8	
AMIS 0129 Meas																							
AMIS 0129 Cert																							
OREAS 13b (fusion) Meas		8.43	8.46						723						5.37	5.45							
OREAS 13b (fusion) Cert		8.41	8.41						694						5.57	5.57							
OREAS 13b (fusion) Meas									704														
OREAS 13b (fusion) Cert									694														
SX58-04 (DH 5804) Meas																							
SX58-04 (DH 5804) Cert																							

Analyte Symbol	Al	Al	Al	As	As	B	B	Ba	Ba	Be	Be	Bi	Bi	Ca	Ca	Ca	Cd	Cd	Ce	Ce	Co	Co	Cr
Unit Symbol	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	5	5	10	10	3	3	3	3	2	2	0.01	0.01	0.01	2	2	0.8	0.8	0.2	0.2	30
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
NCS DC86314 Meas																							
NCS DC86314 Cert																							
NCS DC19014 Meas																							
NCS DC19014 Cert																							
OREAS 922 (Peroxide Fusion) Meas		7.55	7.50						489			11							86.5			21.0	90
OREAS 922 (Peroxide Fusion) Cert		7.59	7.59						481			11							88.0			20.9	90
OREAS 922 (Peroxide Fusion) Meas		7.55							466			10							84.6			20.9	90
OREAS 922 (Peroxide Fusion) Cert		7.59							481			11							88.0			20.9	90
OREAS 922 (Peroxide Fusion) Meas									483			11							88.6			20.9	90
OREAS 922 (Peroxide Fusion) Cert									481			11							88.0			20.9	90
OREAS 621 (Peroxide Fusion) Meas		6.63	6.62		83				2610	< 3		4						285	52.6			31.3	50
OREAS 621 (Peroxide Fusion) Cert		6.63	6.63		85				2610	2		4						295	52.0			31.4	50
OREAS 621 (Peroxide Fusion) Meas					84				2720	< 3		4						290	54.1			30.5	50
OREAS 621 (Peroxide Fusion) Cert					85				2610	2		4						295	52.0			31.4	50
3003 Orig		8.27		< 5			< 10	4			9		< 2			0.25	< 2			1.6	< 0.2		
3003 Dup		8.14		< 5			< 10	4			10		< 2			0.21	< 2			1.6	< 0.2		
3057 Orig		8.55		< 5			< 10	3			143		< 2			0.21	< 2			< 0.8	1.5		
3057 Split PREP DUP		8.55		< 5			< 10	< 3			150		< 2			0.21	< 2			< 0.8	< 0.2		
3058 Orig		9.09		7			40	9			115		< 2			0.81	< 2			0.8	< 0.2		
3058 Dup		9.11		9			40	8			114		< 2			0.79	< 2			0.9	0.5		
Method Blank			< 0.01		< 5	< 10			< 3	< 3		< 2			< 0.01			< 2	< 0.8			< 0.2	< 30

Analyte Symbol	Al	Al	Al	As	As	B	B	Ba	Ba	Be	Be	Bi	Bi	Ca	Ca	Ca	Cd	Cd	Ce	Ce	Co	Co	Cr
Unit Symbol	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	5	5	10	10	3	3	3	3	2	2	0.01	0.01	0.01	2	2	0.8	0.8	0.2	0.2	30
Method Code	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
Method Blank			< 0.01		< 5	< 10			< 3	< 3		< 2			< 0.01			< 2	< 0.8			< 0.2	< 30
Method Blank	< 0.01				< 5	< 10			< 3	< 3		< 2		< 0.01				< 2	< 0.8			< 0.2	< 30
Method Blank	< 0.01				< 5	< 10			< 3	< 3		< 2		< 0.01				< 2	< 0.8			< 0.2	30
Method Blank		< 0.01			5	< 10			< 3	< 3		< 2				< 0.01		< 2	< 0.8			< 0.2	30
Method Blank		< 0.01			< 5	< 10			< 3	< 3		< 2				< 0.01		< 2	< 0.8			< 0.2	30
Method Blank		< 0.01			< 5	10			< 3	< 3		< 2				< 0.01		< 2	< 0.8			< 0.2	< 30
Method Blank																							

Analyte Symbol	Cr	Cs	Cs	Cu	Cu	Dy	Dy	Er	Er	Eu	Eu	Fe	Fe	Fe	Ga	Ga	Gd	Gd	Ge	Ge	Ho	Ho	Hf
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	30	0.1	0.1	2	2	0.3	0.3	0.1	0.1	0.1	0.1	0.05	0.05	0.05	0.2	0.2	0.1	0.1	0.7	0.7	0.2	0.2	10
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
GXR-1 Meas			3.2	1190			4.3			0.7						13.9	4.3						< 10
GXR-1 Cert			3.00	1110			4.30			0.690						13.8	4.20						0.960
GXR-1 Meas			2.9	1180			4.3			0.7						14.0	4.4						< 10
GXR-1 Cert			3.00	1110			4.30			0.690						13.8	4.20						0.960
NIST 694 Meas																							
NIST 694 Cert																							
NIST 696 Meas																							
NIST 696 Cert																							
GBW 07239 (NCS DC 70007) Meas				50												24.0				12.6			
GBW 07239 (NCS DC 70007) Cert				49												23.1				12.4			
OREAS 131b (Fusion) Meas				223									5.69	5.76									
OREAS 131b (Fusion) Cert				217									5.85	5.85									
OREAS 131b (Fusion) Meas				233																			
OREAS 131b (Fusion) Cert				217																			
MP-1b Meas				> 10000									8.22	8.23									
MP-1b Cert				30700									8.19	8.19									
MP-1b Meas				> 10000																			
MP-1b Cert				30700																			
OREAS 101a (Fusion) Meas				431			33.3		20.9	8.0				11.0			43.0					6.2	
OREAS 101a (Fusion) Cert				434			33.3		19.5	8.06				11.06			43.4					6.46	
AMIS 0129 Meas												43.6											
AMIS 0129 Cert												43.573											
OREAS 13b (fusion) Meas													8.56	8.51									
OREAS 13b (fusion) Cert													8.41	8.41									
OREAS 13b (fusion) Meas																							
OREAS 13b (fusion) Cert																							
SX58-04 (DH 5804) Meas																							
SX58-04 (DH 5804) Cert																							
NCS DC86314 Meas			2790																				

Analyte Symbol	Cr	Cs	Cs	Cu	Cu	Dy	Dy	Er	Er	Eu	Eu	Fe	Fe	Fe	Ga	Ga	Gd	Gd	Ge	Ge	Ho	Ho	Hf
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	30	0.1	0.1	2	2	0.3	0.3	0.1	0.1	0.1	0.1	0.05	0.05	0.05	0.2	0.2	0.1	0.1	0.7	0.7	0.2	0.2	10
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
NCS DC86314 Cert			2830																				
NCS DC19014 Meas												54.2											
NCS DC19014 Cert												53.92											
OREAS 922 (Peroxide Fusion) Meas			7.6	2200			5.7		3.5	1.6			5.55	5.62		21.4	6.8					1.2	< 10
OREAS 922 (Peroxide Fusion) Cert			7.5	2220			5.75		3.38	1.52			5.71	5.71		21.2	6.94					1.20	5.93
OREAS 922 (Peroxide Fusion) Meas			7.2	2160			5.6		3.3	1.5			5.55			20.7	6.6					1.2	< 10
OREAS 922 (Peroxide Fusion) Cert			7.5	2220			5.75		3.38	1.52			5.71			21.2	6.94					1.20	5.93
OREAS 922 (Peroxide Fusion) Meas			7.4	2210			5.8		3.4	1.4						21.5	6.8					1.2	< 10
OREAS 922 (Peroxide Fusion) Cert			7.5	2220			5.75		3.38	1.52						21.2	6.94					1.20	5.93
OREAS 621 (Peroxide Fusion) Meas			3.6	3590									3.72	3.73		26.4							
OREAS 621 (Peroxide Fusion) Cert			3.6	3680									3.71	3.71		26.5							
OREAS 621 (Peroxide Fusion) Meas			3.5	3600												26.4							
OREAS 621 (Peroxide Fusion) Cert			3.6	3680												26.5							
3003 Orig	< 30	18.0			2	0.7		0.3			< 0.1		0.28		53.3			0.9	4.0		< 0.2		
3003 Dup	< 30	17.9			< 2	0.7		0.3			< 0.1		0.27		54.9			0.9	4.1		< 0.2		
3057 Orig	< 30	13.3			2	< 0.3		< 0.1			< 0.1		0.13		54.1			0.1	6.3		< 0.2		
3057 Split PREP DUP	< 30	13.1			5	< 0.3		< 0.1			< 0.1		0.11		54.5			< 0.1	6.6		< 0.2		
3058 Orig	< 30	39.4			5	< 0.3		< 0.1			0.1		0.36		65.8			0.2	4.9		< 0.2		
3058 Dup	< 30	38.6			4	< 0.3		< 0.1			< 0.1		0.43		65.3			0.2	5.2		< 0.2		
Method Blank			< 0.1	< 2			< 0.3		< 0.1	< 0.1				< 0.05		< 0.2	< 0.1			< 0.7		< 0.2	< 10
Method Blank			< 0.1	< 2			< 0.3		< 0.1	< 0.1				< 0.05		< 0.2	< 0.1			< 0.7		< 0.2	< 10
Method Blank			< 0.1	< 2			< 0.3		< 0.1	< 0.1		< 0.05				< 0.2	< 0.1			< 0.7		< 0.2	< 10

Analyte Symbol	Cr	Cs	Cs	Cu	Cu	Dy	Dy	Er	Er	Eu	Eu	Fe	Fe	Fe	Ga	Ga	Gd	Gd	Ge	Ge	Ho	Ho	Hf
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	30	0.1	0.1	2	2	0.3	0.3	0.1	0.1	0.1	0.1	0.05	0.05	0.05	0.2	0.2	0.1	0.1	0.7	0.7	0.2	0.2	10
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
Method Blank			< 0.1	< 2			< 0.3		< 0.1	< 0.1		< 0.05				< 0.2	< 0.1			< 0.7		< 0.2	< 10
Method Blank			< 0.1	< 2			< 0.3		< 0.1	< 0.1			< 0.05			< 0.2	< 0.1			< 0.7		< 0.2	< 10
Method Blank			< 0.1	< 2			< 0.3		< 0.1	< 0.1			< 0.05			< 0.2	< 0.1			< 0.7		< 0.2	< 10
Method Blank			< 0.1	< 2			< 0.3		< 0.1	< 0.1			< 0.05			< 0.2	< 0.1			< 0.7		< 0.2	< 10
Method Blank																							

Analyte Symbol	Hf	In	In	K	K	K	La	La	Li	Li	Mg	Mg	Mg	Mn	Mn	Mo	Mo	Nb	Nb	Nd	Nd	Ni	Ni
Unit Symbol	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.2	0.2	0.1	0.1	0.1	0.4	0.4	3	3	0.01	0.01	0.01	3	3	1	1	2.4	2.4	0.4	0.4	10	10
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
GXR-1 Meas			0.9				7.5			8				864		19		< 2.4				40	
GXR-1 Cert			0.770				7.50			8.20				852		18.0		0.800				41.0	
GXR-1 Meas			0.9				7.5			8				898		18		< 2.4				40	
GXR-1 Cert			0.770				7.50			8.20				852		18.0		0.800				41.0	
NIST 694 Meas					0.4							0.20		90									
NIST 694 Cert					0.42							0.20		90.000									
NIST 696 Meas																							
NIST 696 Cert																							
GBW 07239 (NCS DC 70007) Meas							38.7							> 10000		1150					30.5	20	
GBW 07239 (NCS DC 70007) Cert							37.4							11500		1100					29.8	20.9	
OREAS 131b (Fusion) Meas																							
OREAS 131b (Fusion) Cert																							
OREAS 131b (Fusion) Meas																							
OREAS 131b (Fusion) Cert																							
MP-1b Meas			554								0.03		0.02			304							
MP-1b Cert			565.0000								0.024		0.024			285							
MP-1b Meas			585													290							
MP-1b Cert			565.0000													285							
OREAS 101a (Fusion) Meas						2.3	812				1.23			976		21					402		
OREAS 101a (Fusion) Cert						2.34	816				1.23			964		21.9					403		
AMIS 0129 Meas																							
AMIS 0129 Cert																							
OREAS 13b (fusion) Meas				2.3		2.3					3.01		3.10	1350									
OREAS 13b (fusion) Cert				2.30		2.30					3.01		3.01	1300.000									
OREAS 13b (fusion) Meas														1310									
OREAS 13b (fusion) Cert														1300.000									
SX58-04 (DH 5804) Meas																		2479.5					
SX58-04 (DH 5804) Cert																		2580.000					

Analyte Symbol	Hf	In	In	K	K	K	La	La	Li	Li	Mg	Mg	Mg	Mn	Mn	Mo	Mo	Nb	Nb	Nd	Nd	Ni	Ni
Unit Symbol	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.2	0.2	0.1	0.1	0.1	0.4	0.4	3	3	0.01	0.01	0.01	3	3	1	1	2.4	2.4	0.4	0.4	10	10
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
NCS DC86314 Meas										> 10000													
NCS DC86314 Cert										18100.00													
NCS DC19014 Meas																							
NCS DC19014 Cert																							
OREAS 922 (Peroxide Fusion) Meas			0.3	2.6		2.6	45.0			29	1.62		1.62	883				15.3			38.5	40	
OREAS 922 (Peroxide Fusion) Cert			0.3	2.60		2.60	45.6			29	1.61		1.61	880				15.2			38.9	40	
OREAS 922 (Peroxide Fusion) Meas			0.3	2.6			43.4			29			1.62	870				15.2			37.9	40	
OREAS 922 (Peroxide Fusion) Cert			0.3	2.60			45.6			29			1.61	880				15.2			38.9	40	
OREAS 922 (Peroxide Fusion) Meas			0.3				46.2			29				878				15.1			38.1	40	
OREAS 922 (Peroxide Fusion) Cert			0.3				45.6			29				880				15.2			38.9	40	
OREAS 621 (Peroxide Fusion) Meas			1.9	2.2		2.3	27.7				0.53		0.53	567		14					23.4		
OREAS 621 (Peroxide Fusion) Cert			1.9	2.23		2.23	26.1				0.516		0.516	554		14					24.2		
OREAS 621 (Peroxide Fusion) Meas			1.9				27.2							573		14					23.1		
OREAS 621 (Peroxide Fusion) Cert			1.9				26.1							554		14					24.2		
3003 Orig	< 10	< 0.2		0.4				0.5	212				0.03		344		< 1		68.9	1.0			< 10
3003 Dup	< 10	< 0.2		0.4				0.5	219				0.03		347		< 1		89.8	1.1			< 10
3057 Orig	< 10	< 0.2		< 0.1				< 0.4	102				< 0.01		50		< 1		48.7	< 0.4			120
3057 Split PREP DUP	< 10	< 0.2		< 0.1				< 0.4	98				< 0.01		49		< 1		42.9	< 0.4			110
3058 Orig	< 10	< 0.2		< 0.1				< 0.4	159				0.06		121		< 1		86.9	0.6			< 10
3058 Dup	< 10	< 0.2		< 0.1				< 0.4	160				0.06		133		< 1		82.9	0.6			< 10
Method Blank			< 0.2			< 0.1	< 0.4			< 3	< 0.01			< 3		< 1		< 2.4			< 0.4	< 10	

Analyte Symbol	Hf	In	In	K	K	K	La	La	Li	Li	Mg	Mg	Mg	Mn	Mn	Mo	Mo	Nb	Nb	Nd	Nd	Ni	Ni
Unit Symbol	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.2	0.2	0.1	0.1	0.1	0.4	0.4	3	3	0.01	0.01	0.01	3	3	1	1	2.4	2.4	0.4	0.4	10	10
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
Method Blank			< 0.2			< 0.1	< 0.4			< 3	< 0.01			< 3		< 1		< 2.4			< 0.4	< 10	
Method Blank			< 0.2		< 0.1		< 0.4			< 3		< 0.01		< 3		< 1		< 2.4			< 0.4	< 10	
Method Blank			< 0.2		< 0.1		< 0.4			3		< 0.01		< 3		< 1		< 2.4			< 0.4	< 10	
Method Blank			< 0.2	< 0.1			< 0.4			< 3			< 0.01	3		< 1		< 2.4			< 0.4	< 10	
Method Blank			< 0.2	< 0.1			< 0.4			< 3			< 0.01	3		< 1		< 2.4			< 0.4	< 10	
Method Blank			< 0.2	< 0.1			< 0.4			< 3			< 0.01	< 3		< 1		< 2.4			< 0.4	< 10	
Method Blank																							

Appendix C

Certificate of Qualifications

STATEMENT OF QUALIFICATION FOR CAREY GALESCHUK

I, Carey Rus Galeschuk, am a qualified geologist registered in the Province of Manitoba and Ontario. I am a graduate of the University of Saskatchewan where I graduated with a Bachelor of Science degree in Geological Science in 1988. I have worked as an exploration geologist since that time for numerous companies. I am experienced in the exploration of numerous commodity types including rare metal pegmatites

I am registered as a professional geoscientist in the Provinces of Manitoba (#21143G), and Ontario (#734). I am a member of the Prospectors and Developers of Canada.
Currently I am a Geological Consultant and work through my consulting company, Nuterra Geoscience.

My home address is P.O. Box 427, Pinawa, Manitoba, R0E 1L0.
My home phone number is (204) 753-2022. Cell (306) 620-7672.
My company email is nuterrageoscience@gmail.com

Regards,

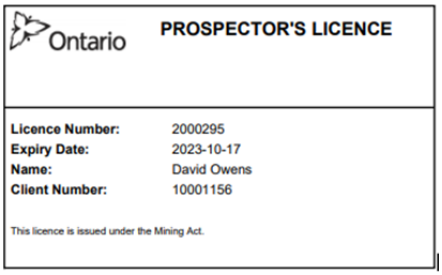
Carey Galeschuk, BSc, P. Geo
January 7th, 2019

STATEMENT OF QUALIFICATION FOR DAVID OWENS

I, David Owens, Geologist, MoGeotechnical Services Inc., 32 Woodchester Place, Winnipeg, Manitoba, R3R 3E8 do hereby certify that:

1. I am a graduate of the University of Manitoba (1985), and have obtained a B.Sc. in Geology (Honors) from that university in 1985.

2. I am a registered member in good standing of Engineers Geoscientists of Manitoba (AEGM - Membership No.20427) and of the Association of Professional Geoscientists Ontario (APGO – Membership No. 2838). I am registered with the Ministry of Ontario as an active Prospector – License # 2000295.



3. I have been practicing my profession as a geologist since graduation, and since 2009 with MoGeotechnical Services Inc. of Winnipeg, Manitoba.

4. I have read the definition of "qualified person" set out in National Instrument 43–101 Standards of Disclosure for Mineral Projects ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience.

5. I have visited all of the properties that are mentioned in the body of this report.

6. This Assessment Report is a subjective compilation of general geotechnical information derived from field work in 2018 and select Assessment Reports publicly filed with the Mining Recorder of the provinces of Ontario. Some information has been constrained with recent press releases from the websites of Exploration Companies currently active in areas discussed in this report.

7. As of the date of this certificate, to the best of my knowledge, information and belief this Assessment Report contains all scientific and technical information that is required to be disclosed to make the Assessment Report not misleading.

8. I have read National Instrument 43-101 and Form 43-101F amended as of April 8, 2011, this report has been prepared in compliance with that instrument and form. Please note there is no data within this report that is intended to represent information that is compliant with 43-101. As such, no representations made in this report represent a statement of reserves or resources as described by criteria specified in National Instrument 43-101.

9. I am independent of Gossan Resources in accordance with the requirements of National Instrument 43-101. I have had no prior involvement with the property/Traditional Land Area that is the subject of this Assessment Report.