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**ASSESSMENT REPORT: 2018 FIELD MAPPING, PROSPECTING, STRIPPING,
TRENCHING AND CHANNEL SAMPLING IN MACKELCAN, SHEPPARD AND
MCCARTHY TOWNSHIPS.**

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1. Introduction

Inventus Mining's Sudbury 2.0 property is in Sheppard, McConnell, McCarthy, Mackelcan, Rathbun, Aylmer and Telfer townships for a total of 1355 units comprising 197 sq. kms. During the months of January through April 2018, geological research was conducted on the newly acquired project claims and a field program was designed. This field work consisted of boots on the ground prospecting and geological mapping to help confirm and expand on previous exploration work conducted in the area. During the months of May to October 2018, two field crews began geological mapping and prospecting in prioritized areas of interest. A belt of Sudbury breccia similar to the south range breccia around the Sudbury Igneous Complex was discovered within the Laundry Lake Structural Zone. Two separate zones long this breccia belt were explored in more detail warranting stripping and detailed geological mapping to help better identify and understand the geology. A total of 14 trenches were excavated, washed and geologically mapped.

2. Locations, Access and Physiography

The Sudbury 2.0 project is located approximately 45 kilometers northeast of Sudbury, in the Sudbury Mining Division, east-central Ontario (Figure 1). The project is primarily located in McConnel, Mackelcan, McCarthy and Sheppard Township. Access to the property from Sudbury is achieved by taking the Trans-Canada Highway 17 east to the Kukagami Lake road which is about 12 kms east of the town of Wahnapiatae. North on Kukagami lake road will bring you to a logging road which heads between Wahnapiatae and Matagamasi Lake. This road originally put in for logging by Goulard Lumber, accesses Mackelcan and McConnel townships, the west central part of the property.

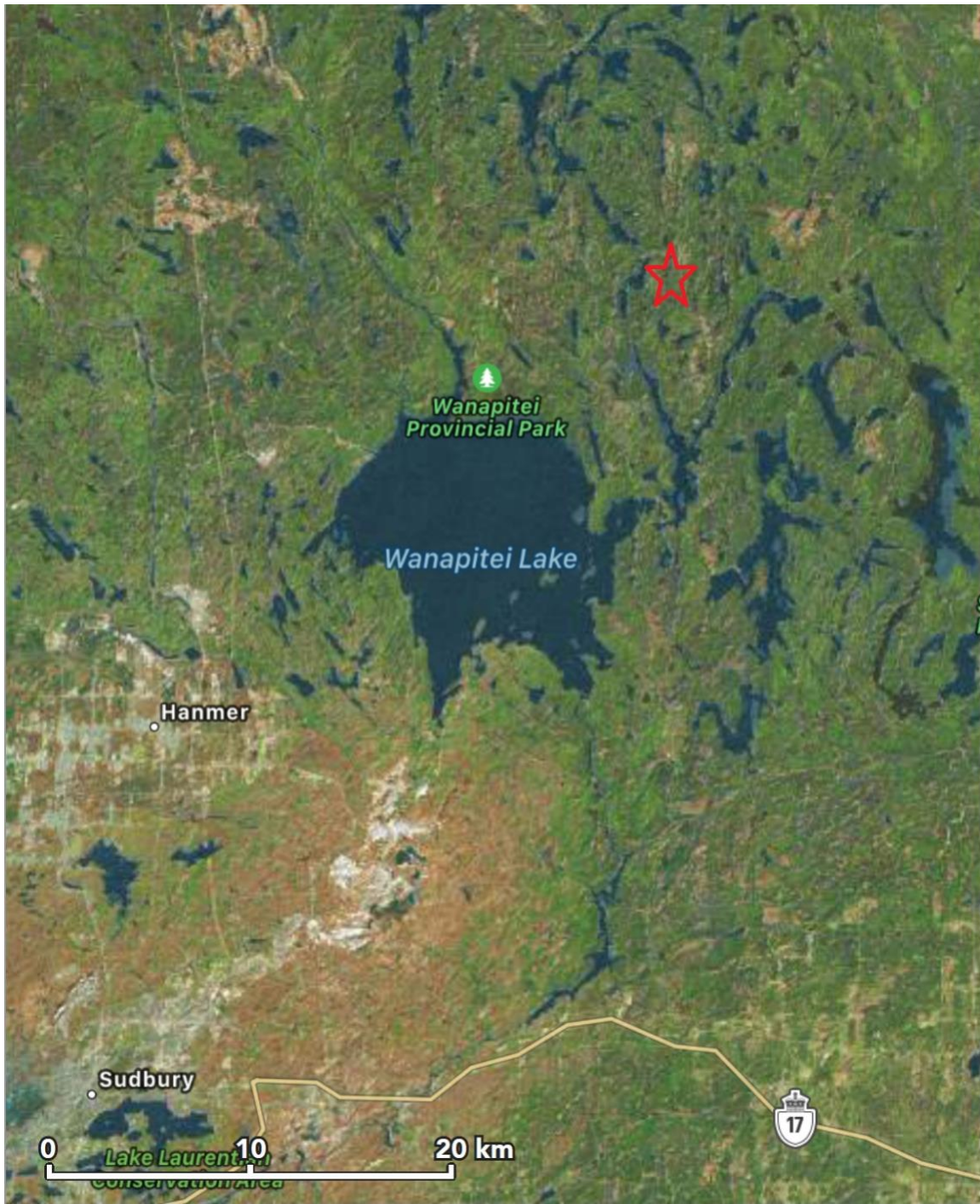


Figure 1. Project location

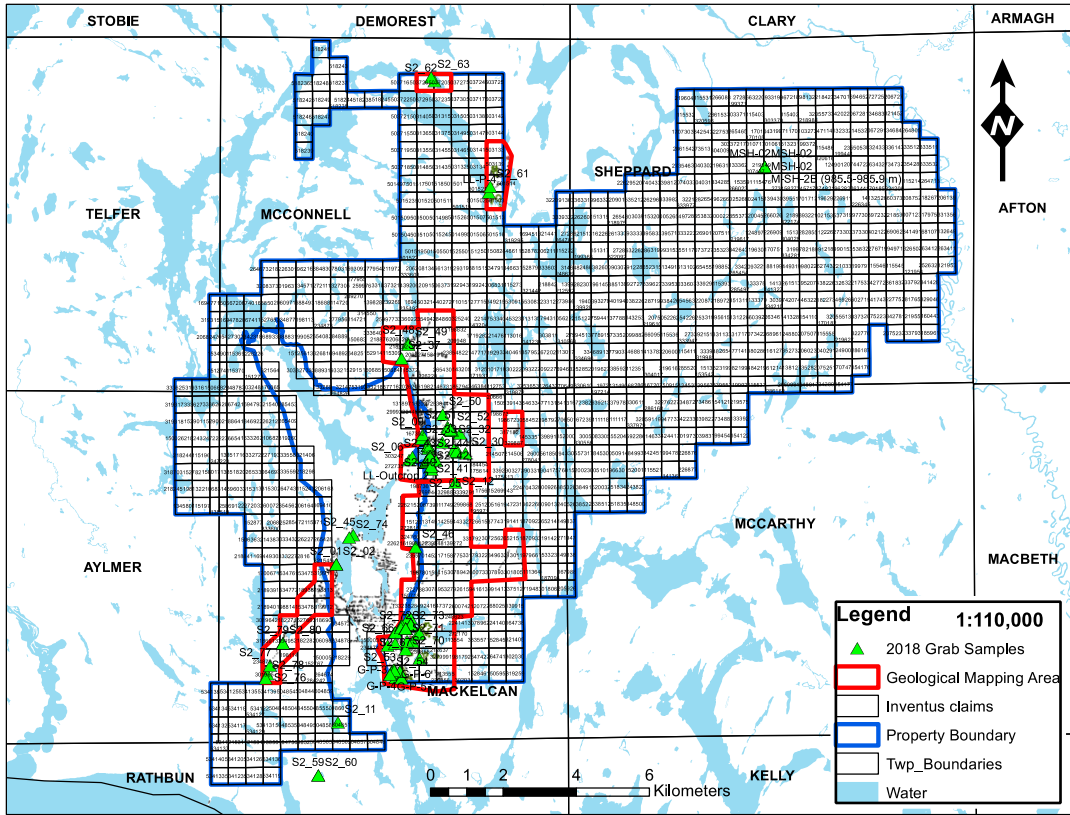


Figure 2. Claim map showing preformed work

3. Claim Summary of applied work

Township/ Area	Claim Number	Recording Date	Recorder Holder	Percent Held
McConnel	503726	2018/04/10	Inventus Mining Corp.	100%
McConnel	503720	2018/04/10	Inventus Mining Corp.	100%
McConnel	503133	2018/04/10	Inventus Mining Corp.	100%
McConnel	503139	2018/04/10	Inventus Mining Corp.	100%
McConnel	501514	2018/04/10	Inventus Mining Corp.	100%
McConnel	501503	2018/04/10	Inventus Mining Corp.	100%
McConnel	235494	2017/12/15	Inventus Mining Corp.	100%
McConnel	284860	2017/12/15	Inventus Mining Corp.	100%
McConnel	218876	2017/12/15	Inventus Mining Corp.	100%
McConnel	206826	2017/12/15	Inventus Mining Corp.	100%
McConnel	265429	2017/12/15	Inventus Mining Corp.	100%
McConnel	198832	2017/12/15	Inventus Mining Corp.	100%
McConnel	115309	2017/12/15	Inventus Mining Corp.	100%
McConnel	218952	2017/12/15	Inventus Mining Corp.	100%
McConnel	206827	2017/12/15	Inventus Mining Corp.	100%
McConnel	153491	2017/12/15	Inventus Mining Corp.	100%
McConnel	115372	2017/12/15	Inventus Mining Corp.	100%
McConnel	226228	2017/12/15	Inventus Mining Corp.	100%
McConnel	265430	2017/12/15	Inventus Mining Corp.	100%
McConnel	162026	2017/12/15	Inventus Mining Corp.	100%
McConnel	216198	2017/12/15	Inventus Mining Corp.	100%

McConnel	214673	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	131897	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	162027	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	253844	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	319873	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	332425	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	299922	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	214674	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	333427	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	246385	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	333426	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	218957	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	167352	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	161946	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	243675	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	175612	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	198672	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	317182	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	303247	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	218862	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	329888	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	339289	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	339288	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	272735	2017/12/15	Inventus Mining Corp.	100%

Mackelcan	218863	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	111748	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	184454	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	175614	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	198736	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	269944	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	329889	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	226215	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	206739	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	111749	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	299868	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	272815	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	151261	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	314514	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	259443	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	226216	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	198812	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	235570	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	145217	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	158775	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	331793	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	223496	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	265215	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	321301	2017/12/15	Inventus Mining Corp.	100%

Mackelcan	198780	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	159415	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	307894	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	260073	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	307893	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	301805	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	150718	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	272788	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	307895	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	327926	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	133238	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	284924	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	164737	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	260074	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	140492	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	331995	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	113553	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	248623	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	150003	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	230854	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	230853	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	212637	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	113554	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	234874	2017/12/15	Inventus Mining Corp.	100%

Mackelcan	145943	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	248693	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	230855	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	327999	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	164820	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	230857	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	230856	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	113555	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	319911	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	218838	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	198813	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	153478	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	319912	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	152766	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	218227	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	333495	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	318691	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	198114	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	234879	2017/12/15	Inventus Mining Corp.	100%
Mackelcan	301965	2017/12/15	Inventus Mining Corp.	100%
Sheppard	219549	2017/12/15	Inventus Mining Corp.	100%
Sheppard	133379	2017/12/15	Inventus Mining Corp.	100%
TOTAL	109			

Table 1. Claims descriptions

4. Regional geological setting

The Sudbury 2.0 property is located at the southern boundary of the Superior province on Huronian Supergroup rocks that formed during a sedimentary basin fill occurring between 2,450 and 2,220 Ma. The property is located within the Cobalt Embayment, an eastern part of the Huronian Supergroup that is composed of metasedimentary rocks. The Huronian Sediments are intruded by rocks of the 2,220 Ma Nipissing Diabase Intrusion, the 1,850 Ma Sudbury Igneous Complex and the 1,220 Ma Olivine Diabase Dyke swarm. Towards the south is the Grenville Province, an orogenic front that occurred at 1,750 Ma, and towards the south west are Paleozoic marine sediments. The area has been described in detail by Dressler (1982) and a map of the general geology can be seen in Figure 3.

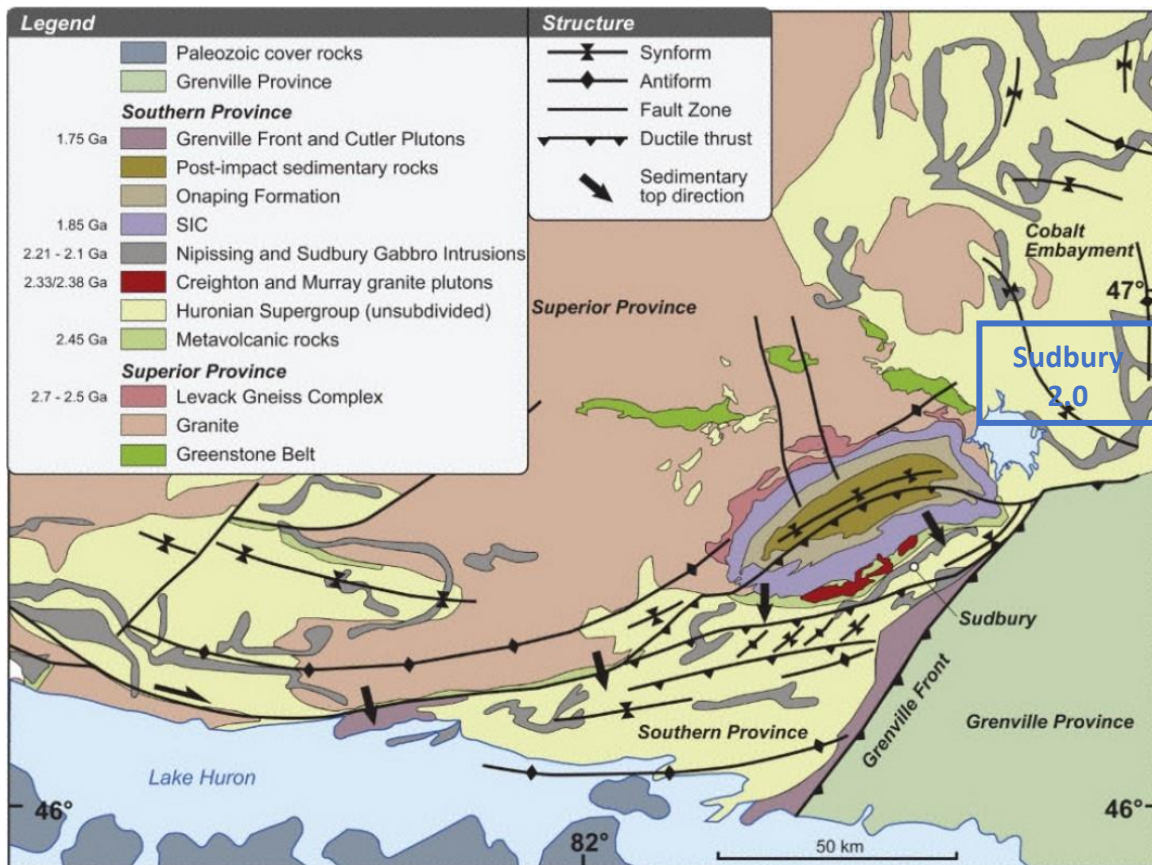


Figure 3. Regional geology of the Sudbury 2.0 Property (Lightfoot, 2017).

5. Property Geology

The Sudbury 2.0 property resides on Lorraine and Gowganda formation sediments of the Cobalt Group within the Huronian Supergroup (Figure 4). The Lorraine Fm. is primarily composed of mature quartz arenite, whereas the Gowganda Fm. is composed of lithic arenite, wacke and dimictites. The Cobalt Group sediments are structurally offset by north south faults that likely represent a repetition of horst and graben fault blocks. The Cobalt group sediments have in general experience lower greenschist metamorphism and in places been subject to albitization and hydrothermal brecciation. The albitization and hydrothermal brecciation often have associated mineralization composed of pyrite-chalcopyrite with anomalous Cu-Au-Co-Ni values.

Within the west central part of the property is a north south oriented belt of Sudbury Breccia (SUBX) that fills a major structure termed the Laundry Lake Fault. The SUBX is also found as small discontinuous bodies in the vicinity of the breccia belt.

Around the Laundry Lake area are two different exotic mafic dykes, an alkaline diorite dyke and a tholeiite diorite dyke. Both dykes were found intruding the Cobalt Group Sediments, and the alkaline diorite dyke was found as breccia clasts within the Sudbury breccia belt at the Laundry Lake area. Also, within the property is the occurrence of NW-SE trending Olivine Diabase Dykes.

The Sudbury 2.0 property is targeting the source of the Temagami Anomaly and therefore the only geological units of interest currently are the exotic mafic dykes and the Sudbury breccia belt.

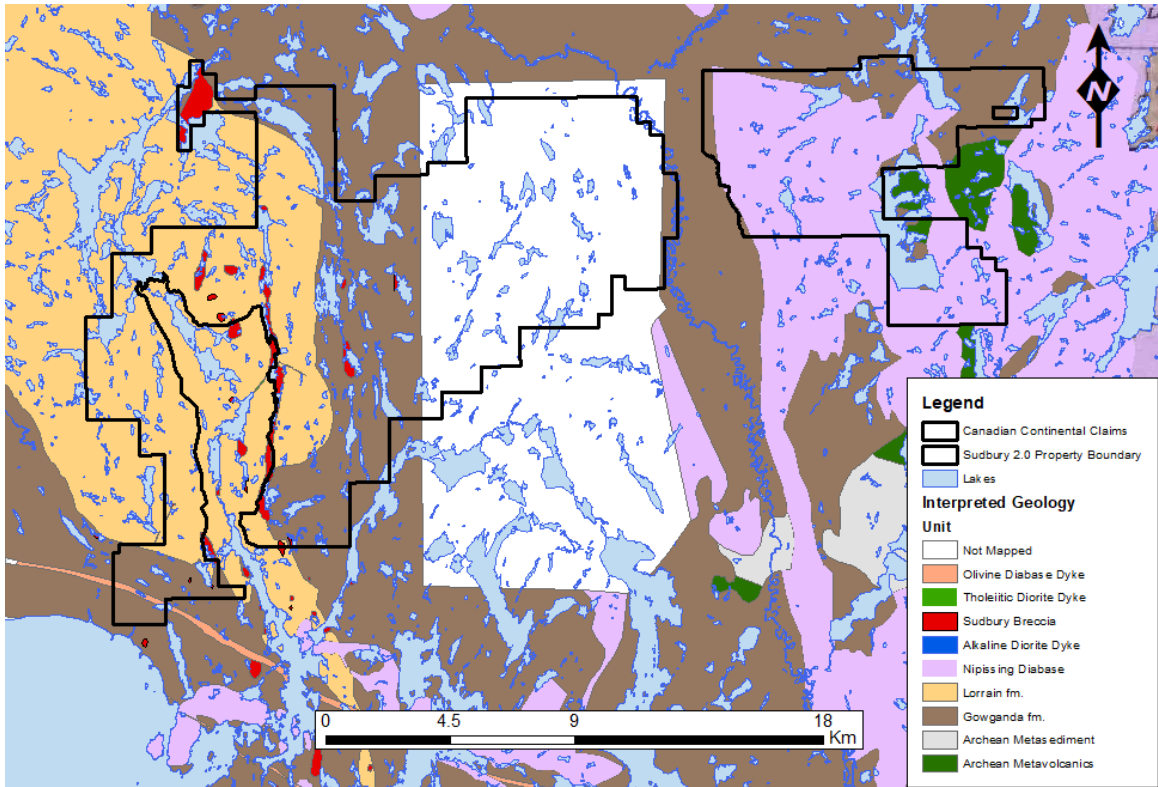


Figure 4. Sudbury 2.0 Property geology.

6. Previous Work

Early reconnaissance geological mapping was carried out by Alexander Murray (1853-56) and R. Bell (1890). A. Murray explored the Wahnapiatae River and Bell described the rocks of Lake Wahnapiatae. In 1912, W.H. Collins (1914a) studied an area south of Lake Wahnapiatae. T.T. Quirke (1922) mapped the entire area surrounding Lake Wahnapiatae. L.F. Kindle (1933) surveyed the Moose Mountain - Wahnapiatae area, which includes the northwesternmost part of the current map-area, and H.W. Fairbairn (1939) surveyed the Ashigami Lake area. In 1957 and 1959, J.E. Thomson (1961) mapped MacLennan and Scadding Townships and in 1959, J.E. Thomson and K.D. Card (1963) mapped Kelly and Davis Townships. Hutton and Parkin Townships were studied by H.D. Meyn (1970). K.D. Card *et al.* (1977) described the stratigraphy, sedimentology, and petrology of the Huronian Supergroup in the Sudbury-Espanola Area. The literature on the Sudbury Nickel Irruptive is voluminous. The reader is referred to K.D. Card (1978a, p.7) who gave references and a short historical summary of the work on the Sudbury Nickel Irruptive.

The map-area is covered by aeromagnetic maps of the Geological Survey of Canada, the Capreol Map 1511G and the Milnet Map 1512G, at a scale of 1 inch to 1 mile (Geological Survey of Canada 1965a and b). Preliminary geological maps of the area have been published in 1978 and 1979 (Dressler 1978a,b, and 1979a,b).

Mineral Exploration in the area began in the late 1800's when several gold showings were discovered on the east side of Wahnapiatae lake and around Matagamasi lake. Most of these known areas have had little development or strong attempts in exploration. The Wolf Lake area has had the most exploration that dates to the early 1900's. There was a shaft sunk and some pits developed on the west shore of Wolf Lake and on the east side of Jess Lake. In the 1980's Flag Resources acquired the claims and were the first exploration company to set up a diamond drill and explore for gold mineralization. It wasn't until the early 1990's when Falconbridge Ltd. Started to explore what is known as the Temagami Anomaly. Falconbridge, Flag Reseources and Teck held most of the available mineral claims in the area. Falconbridge flew a large regional magnetic survey over the area and drilled one hole which fail to explain the magnetic anomaly.

TABLE OF LITHOLOGIC UNITS FOR THE LAKE WANAPITEI AREA. (Dressler 1982)

PHANEROZOIC

CENOZOIC

QUATERNARY

RECENT

Swamp, lake, and stream deposits.

PLEISTOCENE

Glacial and glaciofluvial sand and gravel deposits.

Unconformity

PRECAMBRIAN

LATE PRECAMBRIAN

MAFIC INTRUSIVE ROCKS

Olivine diabase.

Intrusive Contact

MIDDLE PRECAMBRIAN

SUDBURY NICKEL IRRUPTIVE

Sublayer, norite, transition zone norite, micro-pegmatite, granitic rock.

Intrusive Contact

WHITEWATER GROUP ONAPING

FORMATION

Tuff, quartzite breccia.

SUDBURY EVENT

Explosive volcanism or meteorite impact; Sudbury-type brecciation.

NIPISSING INTRUSIVE ROCKS

Gabbro, granophyre, granitic dike rock, pegmatite, quartz-plagioclase porphyry.

Intrusive Contact

HURONIAN SUPERGROUP COBALT

GROUP

LORRAIN FORMATION

Arkose, subarkose, subarkosic wacke, quartz wacke, arenites.

GOWGANDA FORMATION

Wacke, arkose, conglomerate.

QUIRKE LAKE GROUP SERPENT

FORMATION

Arkose, arkosic wacke, calcareous arkose, minor conglomerate.

ESPANOLA FORMATION

Calcareous siltstone, limestone, calcareous wacke.

BRUCE FORMATION

Conglomerate, pebbly wacke, minor arkose, wacke.

HOUGH LAKE GROUP MISSISSAGI

FORMATION

Arkose, subarkose, arkosic wacke, subarkosic wacke, conglomerate, and

Unconformity

EARLY PRECAMBRIAN

MAFIC INTRUSIVE ROCKS

Diabase, glomeroporphyritic diabase, porphyritic diabase.

Intrusive Contact

FELSIC PLUTONIC ROCKS

Granodiorite, diorite, migmatite.

Table Con't

Intrusive Contact

METAVOLCANICS AND METASEDIMENTS

METASEDIMENTS

Wacke, arkose, gneisses, ironstone, ferruginous chert.

METAVOLCANICS

FELSIC METAVOLCANICS

MAFIC AND INTERMEDIATE METAVOLCANICS

Mafic and intermediate metavolcanics, amphibolite, dacite.

Figure 5. Geological table of stratigraphy

7. 2018 Geological Mapping, Prospecting, Stripping and Sampling

The Sudbury 2.0 project began shortly after the claims were recorded in 2018. Inventus began conducting research, including historical drill hole data and both regional and local geophysical surveys from past airborne and ground surveys. This research led to the collection of geophysical data which was organized chronologically. The geophysical data was then passed on to Steven Geophysics Inc. for further interpretation, compilation and modeling of several different survey type data sets. This work was very helpful in understanding key areas to explore in the field season.

Wallbridge Mining and Glencore were contacted for permission to collect historic drill holes WSH-00-01 and MSH-91-01. Inventus staff was able to collect both drill holes for re-analysis. Flag Resources who previously explored around the area was contacted and permission was granted to collect hole CH-92-01 from the property. These holes represent 3 of the 4 deepest holes within the Temagami Magnetic Anomaly. These holes were examined for any evidence of mafic intrusive which could help build on the theory of Sudbury 2.0 project. A total of 17 samples were collected from these holes for geochemistry and petrographic review. (see table 2 and figure 6)

During the Months of May through November 2018, Inventus began field mapping and prospecting areas of top priority identified from historical exploration work. A total of 85 grab samples were collected from across the entire property and a major structure was identified that hosts a very large breccia belt similar to the South Range Breccia Belt along

the southern edge of the Sudbury Igneous Complex. Certain areas warranted stripping of overburden to further evaluate the formation. (see table 3 and figures 7-16)

A total of 14 trenches were stripped of overburden using a Cat 320 excavator contracted from E. Corbiere and son's construction. The stripped bed rock was then washed using a high-pressure pump and detailed mapping and sampling was conducted. This work resulted in the collection of 12 channel samples using a gas-powered diamond blade cut off saw. The work performed was supervised by Inventus staff and results from the sampling were checked by Chief geologist Wesley Whymark P. Geo of Sudbury, Ontario. Samples taken from mafic rocks were analyzed for major and trace elements. These results were plotted in diagrams which helped illustrate similarities to the SIC mafic intrusions. It was then decided that 52 out of the 114 samples were to be prepped for thin section and petrographic examination. These samples were examined by Andy Bite from Bite geological, who was hired as a consultant to help guide Inventus' exploration efforts. Frequent field visits with Andy Bite occurred over the 2018 field season as well geological discussions held to help further exploration efforts. (see pages 47-51 for Petrography)

It has been concluded that additional field mapping and prospecting be conducted to better understand the geology and structure above the Temagami Magnetic Anomaly. Certain areas may warrant detailed geophysical surveys and possibly be followed up by diamond drilling.

Sample ID	Lab ID	Easting	Northin g	Type	From (m)	To (m)	Interva l (m)
AT-14-01	B00168228	549320	5198927	Drill core	2082.6	2083.2	0.6
CH-92-01	B00168229	528095	5187719	Drill core	530.28	530.61	0.33
CH-92-01	B00168230	528095	5187719	Drill core	530.85	532.1	1.25
M-SH-02	B00168272	538790	5194580	Drill core	1185.3	1185.5 2	0.24
M-SH-02	B00168273	538790	5194580	Drill core	1185.5	1185.7 1	0.19
M-SH-02	B00168274	538790	5194580	Drill core	1187.5	1187.7 3	0.23

M-SH-02	B00168275	538790	5194580	Drill core	1187.7	1187.8 8	0.15
M-SH-02	B00168276	538790	5194580	Drill core	1188.6	1188.8 3	0.28
M-SH-02	B00168277	538790	5194580	Drill core	1188.8	1188.9 4	0.11
M-SH-02	B00168278	538790	5194580	Drill core	1188.9	1189.1 8	0.24
M-SH-02	B00168279	538790	5194580	Drill core	1190.9	1191.1	0.18
M-SH-02	B00168280	538790	5194580	Drill core	1191.2	1191.4 8	0.3
M-SH-02	B00168281	538790	5194580	Drill core	1192.5	1192.7	0.19
M-SH-02	B00168282	538790	5194580	Drill core	1192.7	1192.8 8	0.18
M-SH-02	B00168283	538790	5194580	Drill core	1192.9	1193.2 8	0.4
M-SH-02	B00168284	538790	5194580	Drill core	1194.1	1194.2 8	0.23
M-SH-02	B00168285	538790	5194580	Drill core	1194.3	1194.5 6	0.28

Table 2. Drill core samples

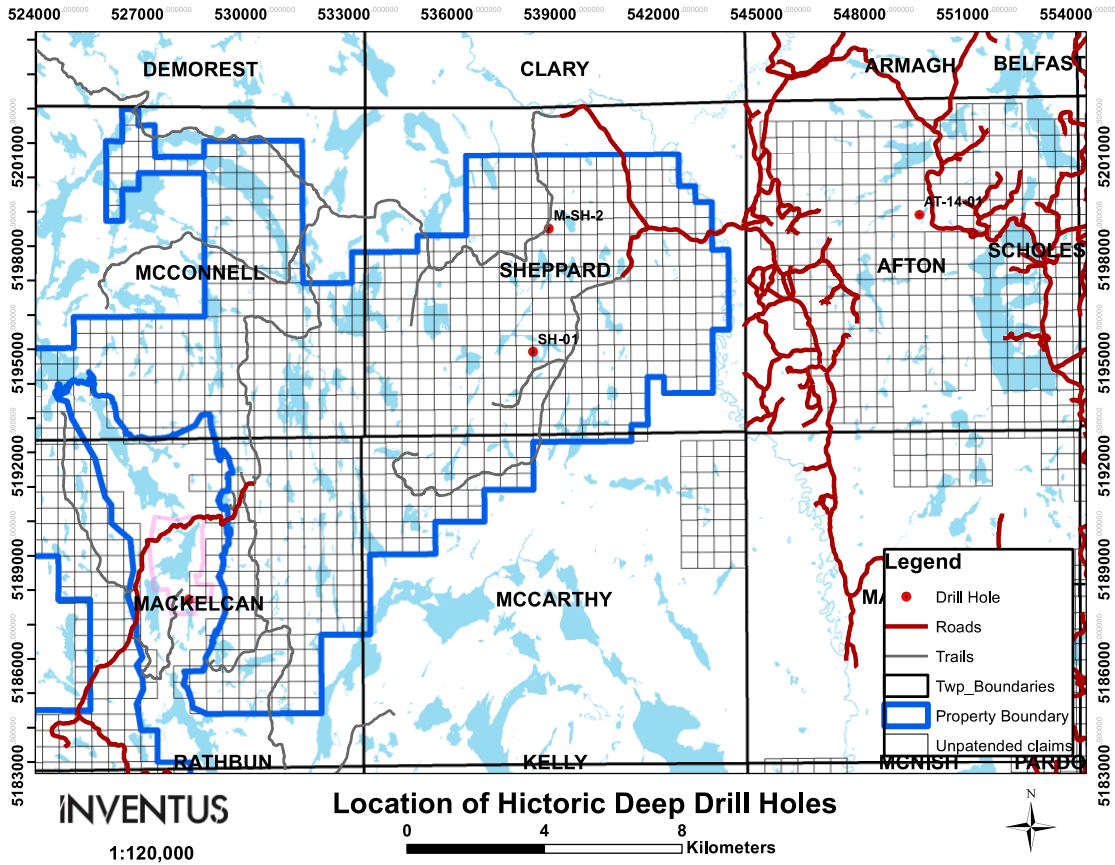


Figure 6. Drill hole location

Sample ID	Lab ID	Easting	Northing	Type
S2_05	B00168231	529415	5190231	Grab Sample
S2_07	B00168232	528897	5190570	Grab Sample
S2_10	B00168233	529495	5190050	Grab Sample
S2_11	B00168234	526861	5183294	Grab Sample
S2_12	B00168235	530069	5189871	Grab Sample
S2_13	B00168241	529987	5191291	Grab Sample
S2_14	B00168242	529957	5191309	Grab Sample
S2_15	B00168243	529941	5191328	Grab Sample
S2_16	B00168244	529852	5191394	Grab Sample
S2_17	B00168245	529940	5191322	Grab Sample
S2_18	B00168246	529940	5191323	Grab Sample
S2_19	B00168247	529971	5191306	Grab Sample
S2_21	B00168248	529974	5191305	Grab Sample
S2_22	B00168249	529976	5191306	Grab Sample
S2_23	B00168250	529976	5191306	Grab Sample
S2_24	B00168251	529987	5191295	Grab Sample
S2_25	B00168252	529995	5191285	Grab Sample
S2_28	B00168253	530142	5190711	Grab Sample
S2_30	B00168254	530346	5190677	Grab Sample
S2_31	B00168255	530198	5191212	Grab Sample
S2_32	B00168256	529978	5191303	Grab Sample
S2_37	B00168286	528600	5193269	Grab Sample
S2_38	B00168287	529324	5190890	Grab Sample
S2_39	B00168288	529324	5190890	Grab Sample
S2_40	B00168289	529333	5190802	Grab Sample
S2_46	B00168296	528983	5188101	Grab Sample
S2_48	B00168297	528779	5193688	Grab Sample
S2_49	B00168298	528788	5193650	Grab Sample
S2_50	B00168299	529723	5191732	Grab Sample
S2_51	B00168300	529877	5191367	Grab Sample
S2_52	B00168301	529944	5191318	Grab Sample
LL-Outcrop 3	B00168307	529293	5190472	Grab Sample

LL-Outcrop 7	B00168319	529326	5190883	Grab Sample
Sulphide float	B00168320	529412	5190313	Float
G-P-1	B00168321	529097	5185052	Grab Sample
G-P-2	B00168322	528390	5184737	Grab Sample
G-P-3	B00168323	528388	5184740	Grab Sample
S2_53	B00168324	528419	5185459	Grab Sample
G-P-4	B00168325	528327	5184668	Grab Sample
G-P-5	B00168326	528294	5184622	Float
G-P-6	B00168327	528402	5184714	Grab Sample
S2_54	B00168329	528278	5184605	Grab Sample
G-P-7	B00168331	528602	5185955	Grab Sample
G-P-8	B00168332	528710	5186009	Grab Sample
G-P-9	B00168333	528767	5186143	Grab Sample
G-P-10	B00168334	528846	5186146	Grab Sample
G-P-12	B00168343	528412	5185758	Grab Sample
G-P-13	B00168344	528593	5185959	Grab Sample
G-P-14	B00168345	528432	5185766	Grab Sample
G-P-15	B00168346	528217	5185401	Grab Sample
G-P-16	B00168347	528711	5185298	Grab Sample
G-P-17	B00168348	528910	5185505	Grab Sample
G-P-18	B00168349	529038	5185713	Grab Sample
G-P-19	B00168351	529097	5185734	Grab Sample
G-P-20	B00168352	528747	5185524	Grab Sample
G-P-21	B00168356	528324	5184675	Grab Sample
G-P-22	B00168357	528453	5184541	Grab Sample
G-P-23	B00168358	528437	5184523	Grab Sample
G-P-24	B00168359	528600	5184515	Grab Sample
G-P-25	B00168361	528598	5184509	Grab Sample
G-P-26	B00168362	528555	5184692	Grab Sample
G-P-27	B00168363	528555	5184692	Grab Sample
G-P-28	B00168364	528555	5184692	Grab Sample
S2_61	B00168365	531033	5197978	Grab Sample
S2_62	B00168366	529503	5200873	Grab Sample
S2_63	B00168367	529406	5200972	Grab Sample
LL-P-4	B00168368	530996	5197815	Grab Sample

G-P-29	B00168369	528595	5185953	Grab Sample
S2_64	B00168371	528714	5185872	Grab Sample
S2_65	B00168372	528607	5185943	Grab Sample
S2_66	B00168373	528580	5185886	Grab Sample
S2_67	B00168374	528713	5185870	Grab Sample
S2_68A	B00168375	528848	5185990	Grab Sample
S2_69A	B00168376	528852	5185980	Channel Grab
S2_68B	B00168377	528848	5185990	Grab Sample
S2_69B	B00168378	528852	5185980	Channel Grab
S2_70	B00168379	528710	5185871	Channel Grab
S2_71	B00168380	528710	5185871	Channel Grab
S2_72	B00168381	528710	5185871	Channel Grab
S2_73	B00168382	528710	5185871	Channel Grab
S2_81	B00168606	528094	5187736	Grab Sample
S2_82	B00168607	528095	5187737	Grab Sample
S2_83	B00168608	528108	5187725	Grab Sample
S2_84	B00168609	527861	5187809	Grab Sample
S2_85	B00168610	528208	5187701	Grab Sample

Table 3. Grab samples

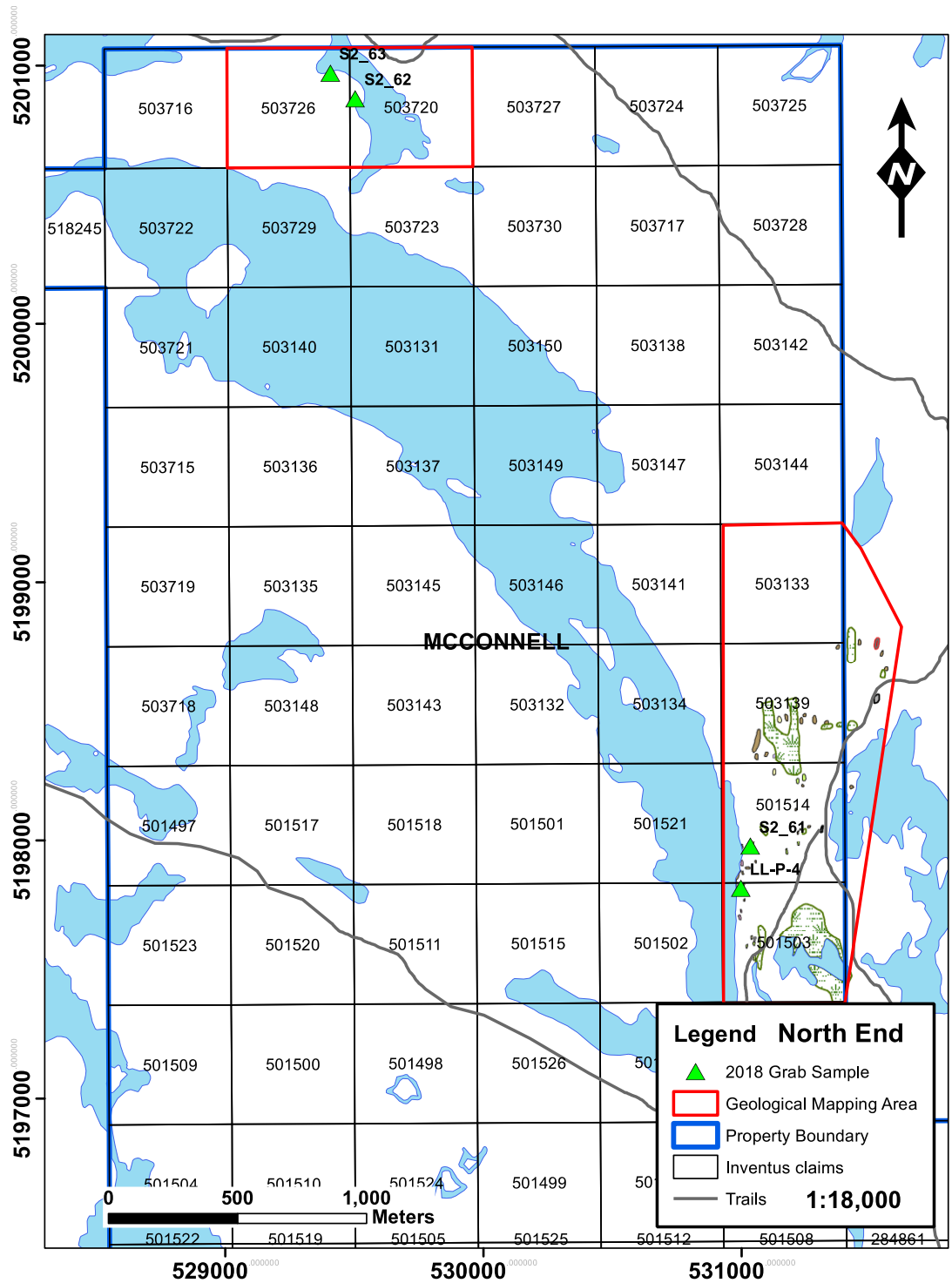


Figure 8. Grab samples North End area

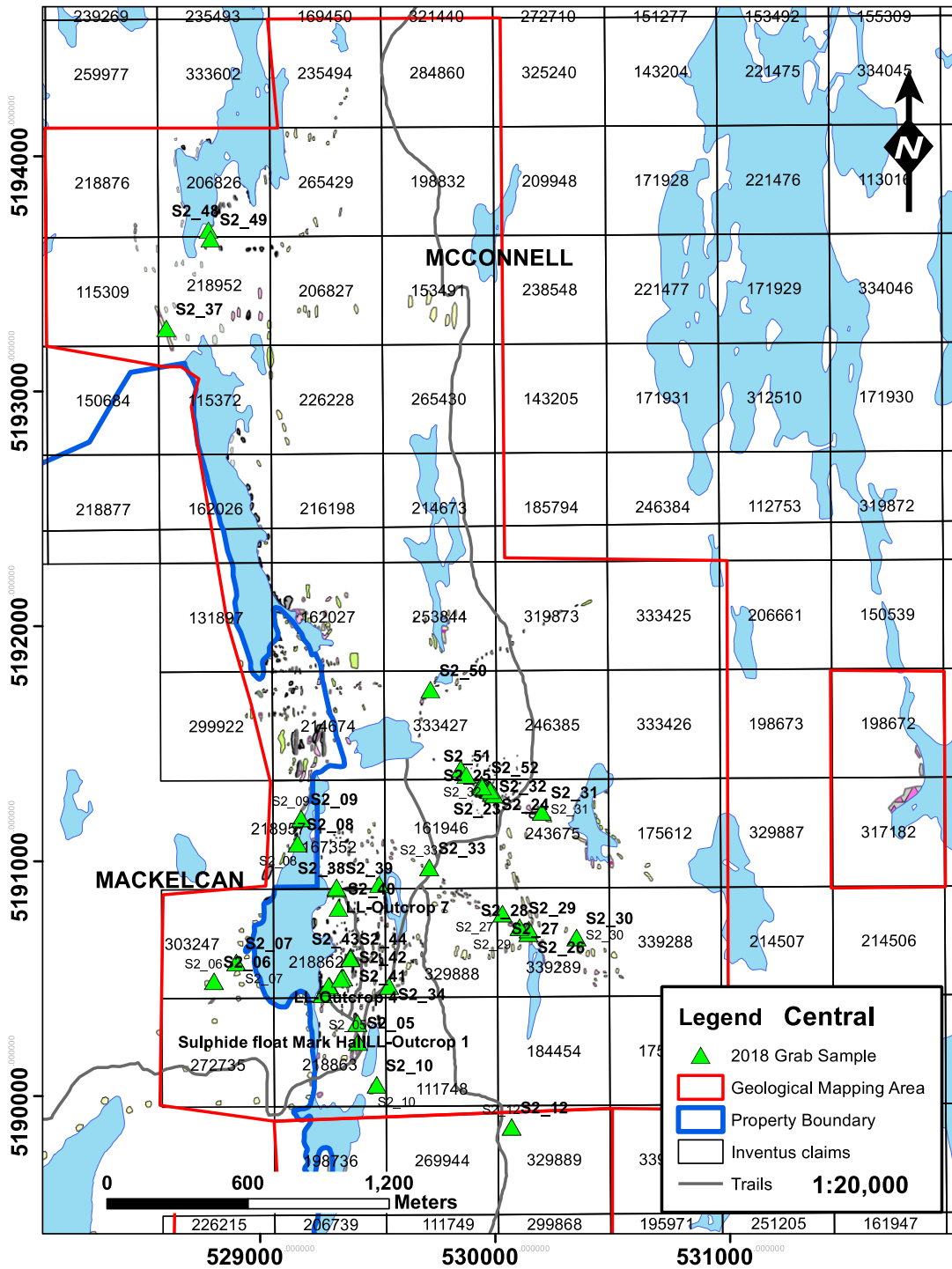


Figure 9. Grab samples Central area

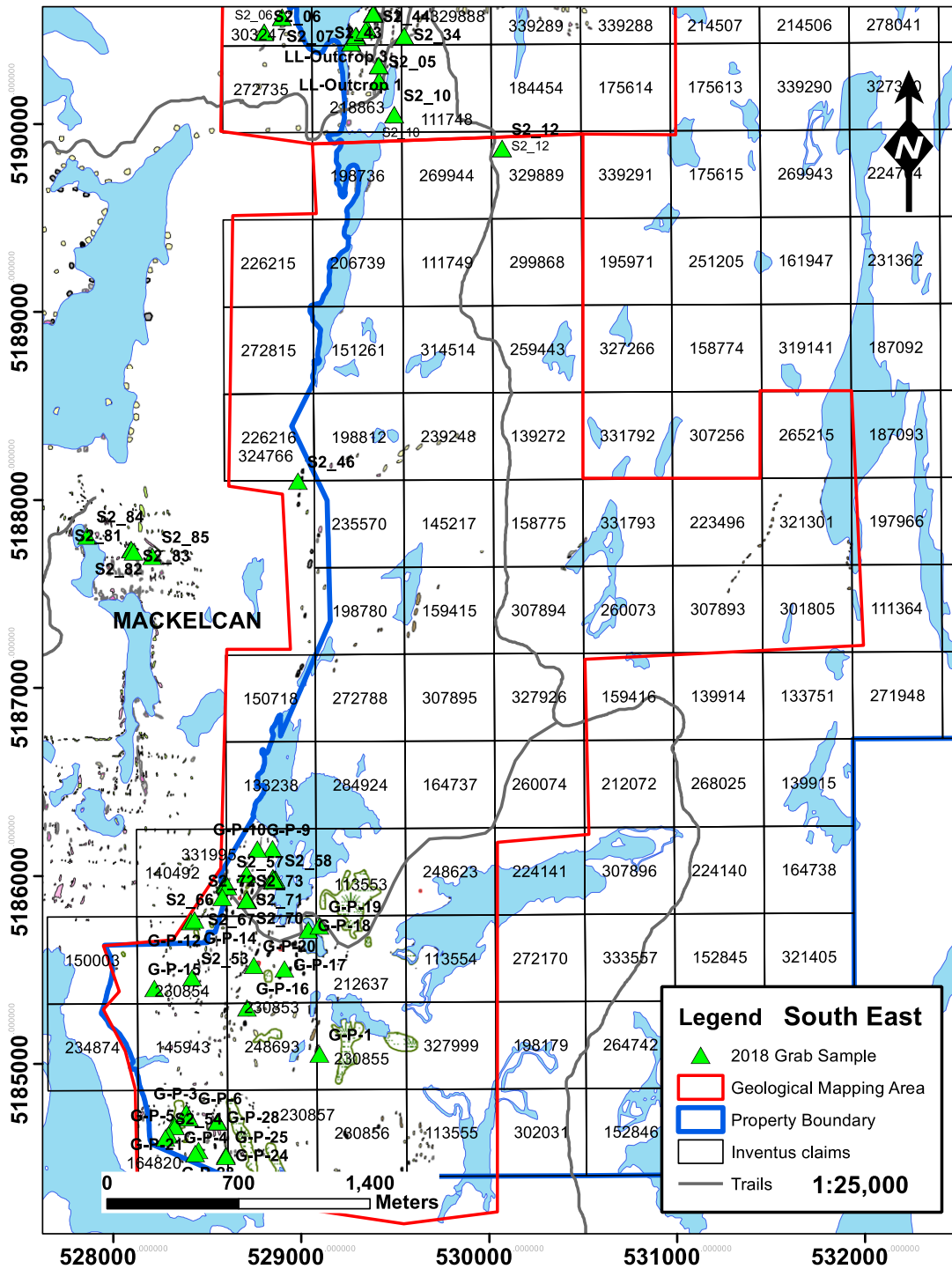


Figure 10. Grab samples South East Area

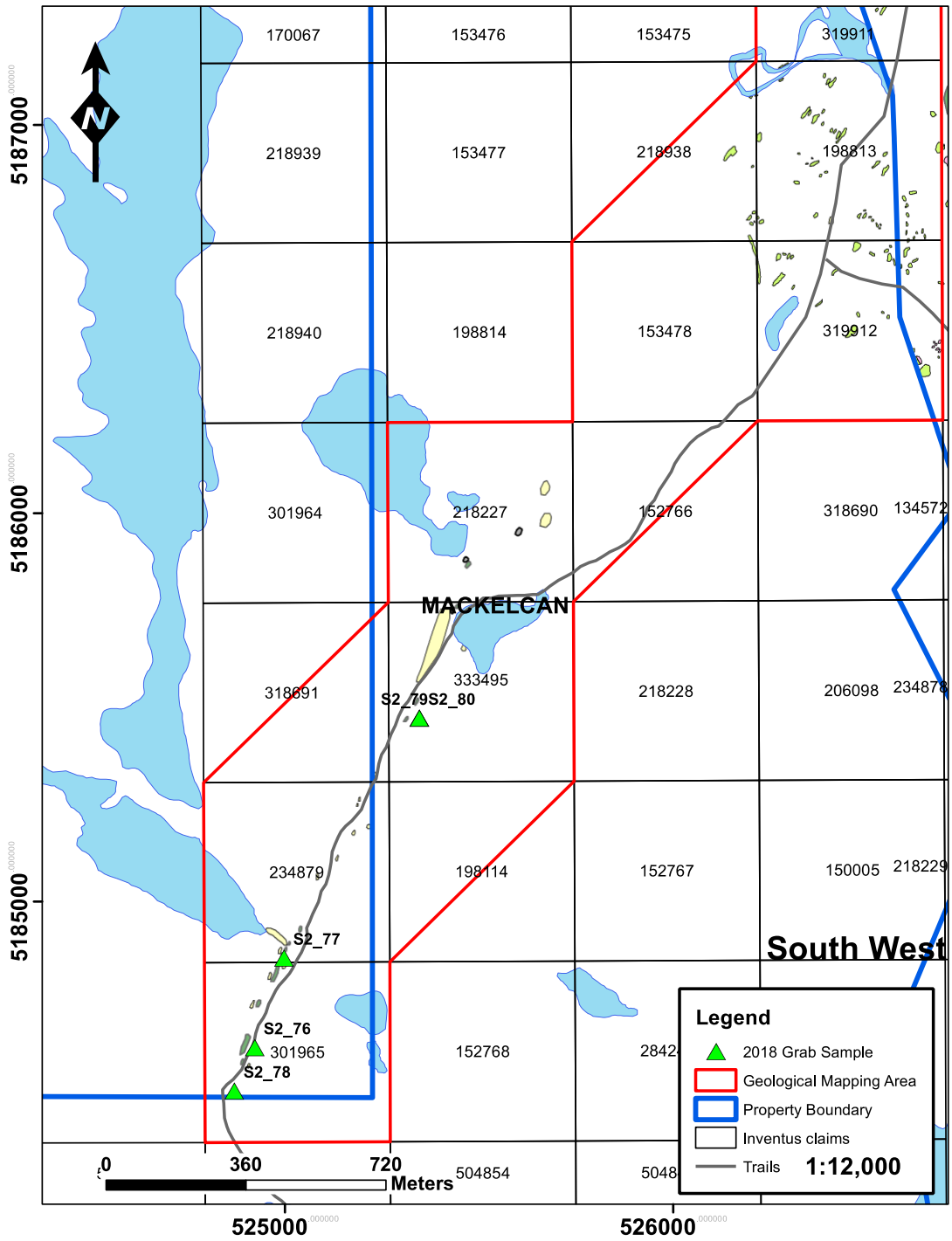


Figure 11. Grab samples South West Area

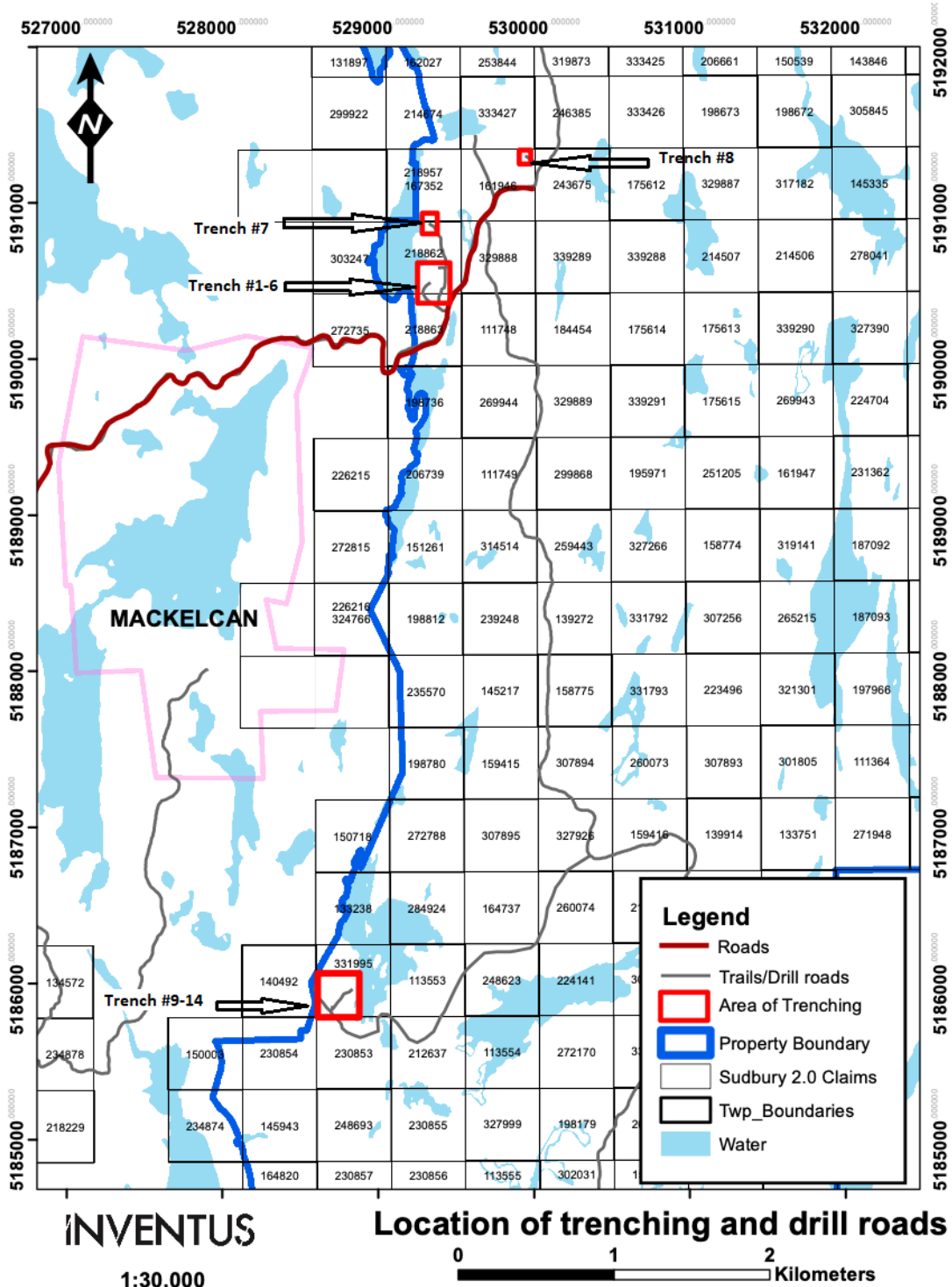


Figure 12. Location of trenching and drill roads.

Sample ID	Lab ID	Easting	Northing	Type	From (m)	To (m)	Interval (m)
LL-Trench 5	B00168302	529413	5190312	Channel Sample 1			
LL-Trench 2	B00168303	529265	5190434	Channel Sample 1	0	0.5	0.5
LL-Trench 2	B00168304	529265	5190434	Channel Sample 1	0.5	1	0.5
LL-Trench 2	B00168305	529265	5190434	Channel Sample 1	1	1.5	0.5
LL-Trench 2	B00168306	529265	5190434	Channel Sample 1	1.5	2	0.5
LL-Trench 3	B00168308	529293	5190465	Channel Sample 1			
LL-Trench 3	B00168309	529292	5190463	Channel Sample 2			
LL-Trench 3	B00168311	529290	5190472	Channel Sample 3			
LL-Trench 4	B00168312	529346	5190507	Channel Sample 1			
LL-Trench 4	B00168314	529352	5190506	Channel Sample 2			
LL-Trench 4	B00168315	529347	5190505	Channel Sample 3			
LL-Trench 6	B00168318	529384	5190595	Channel Sample 2			

Table 4. Channel samples from trenching.

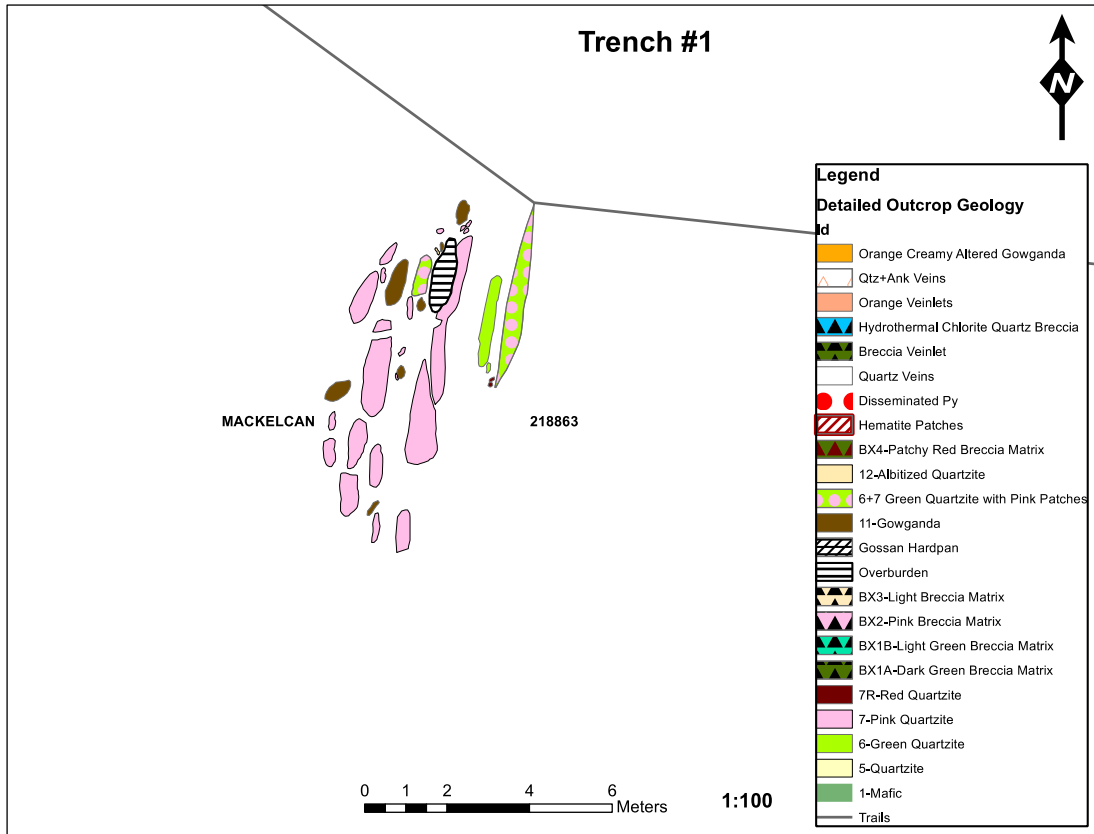


Figure 13. Trench #1 geology.

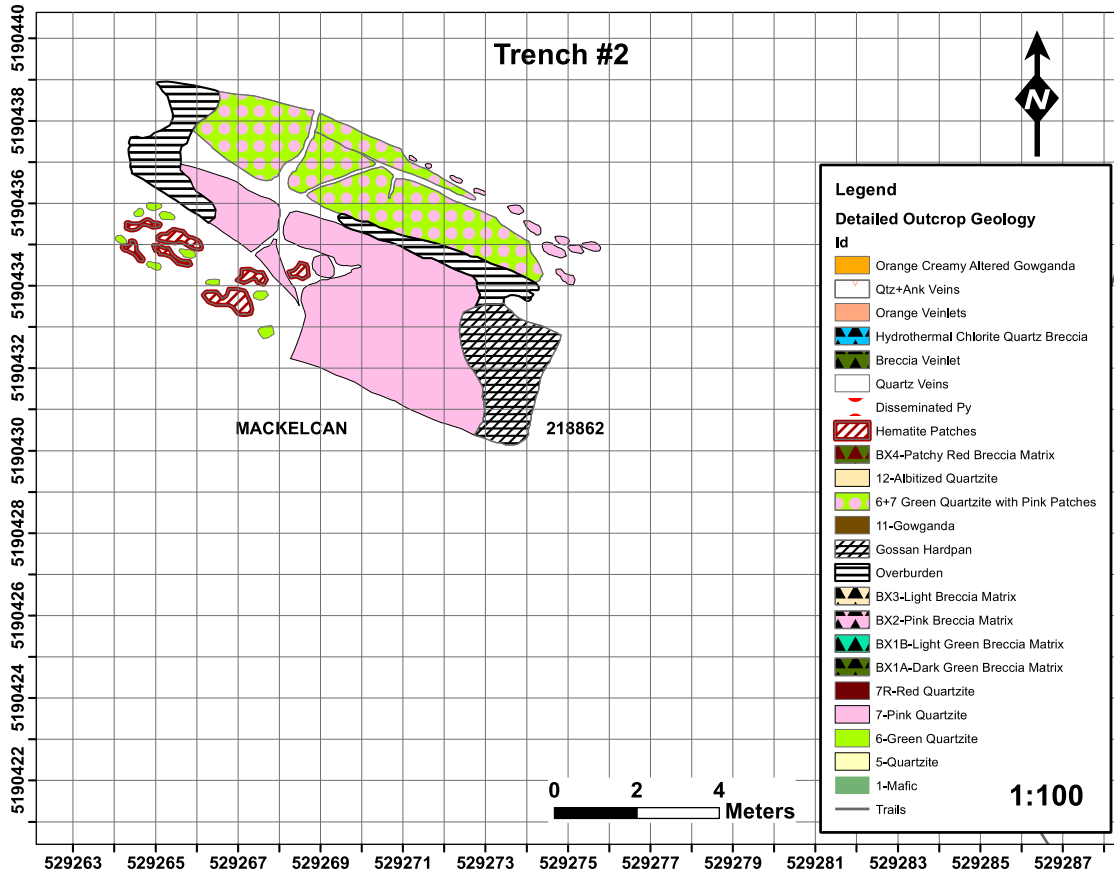


Figure 14. Trench #2 geology

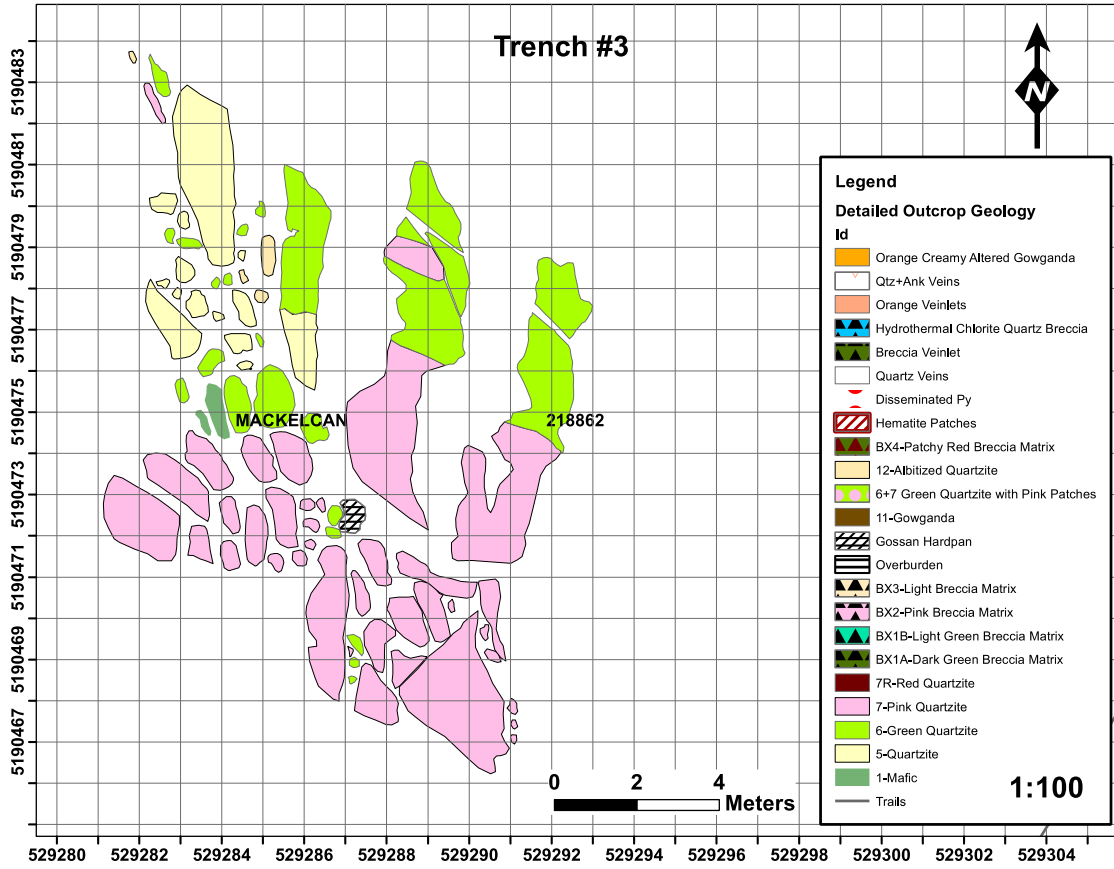


Figure 15. Trench #3 geology.

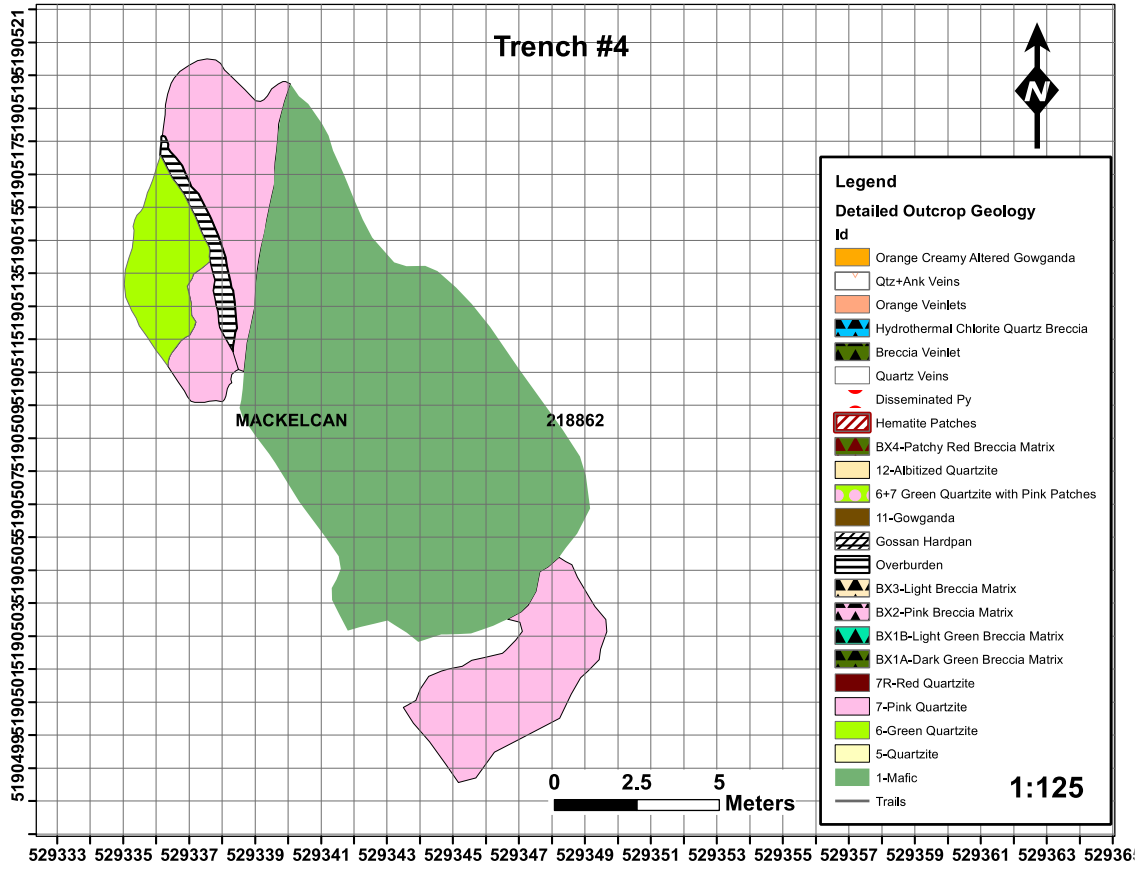


Figure 16. Trench #4 geology

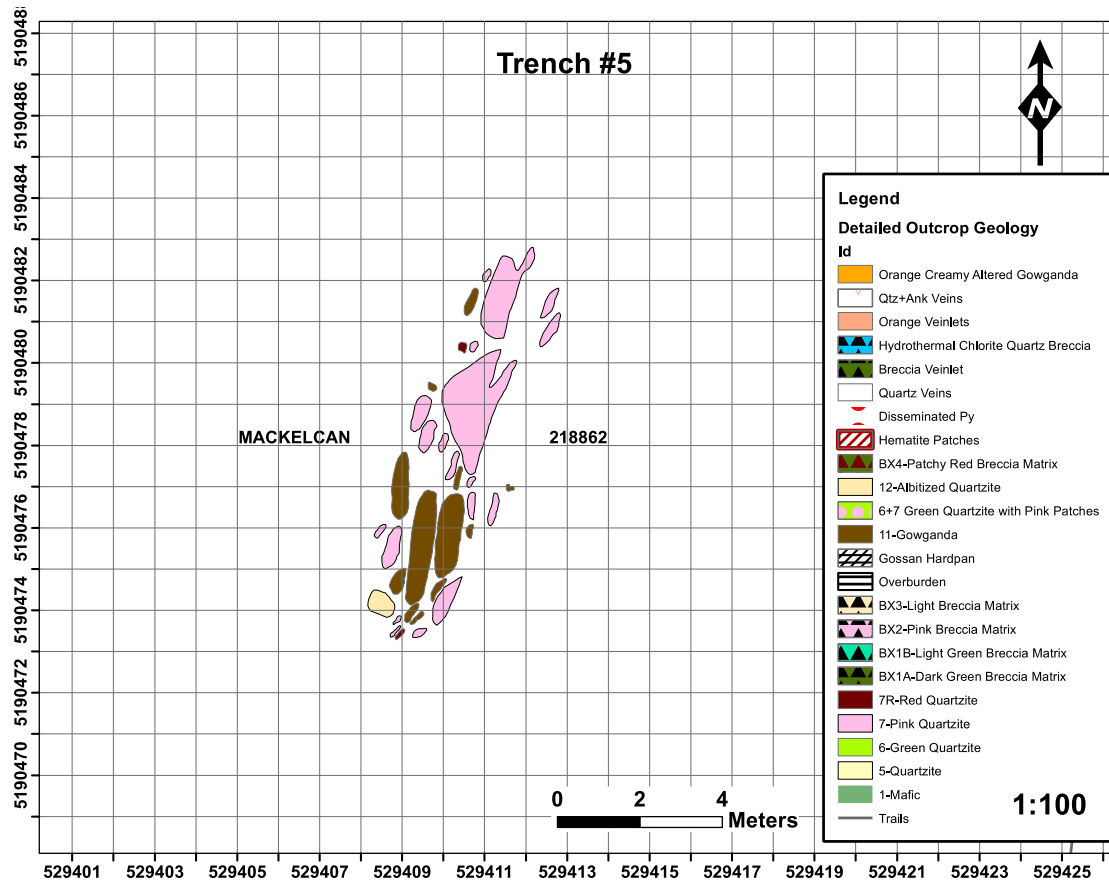


Figure 17. Trench #5 geology.

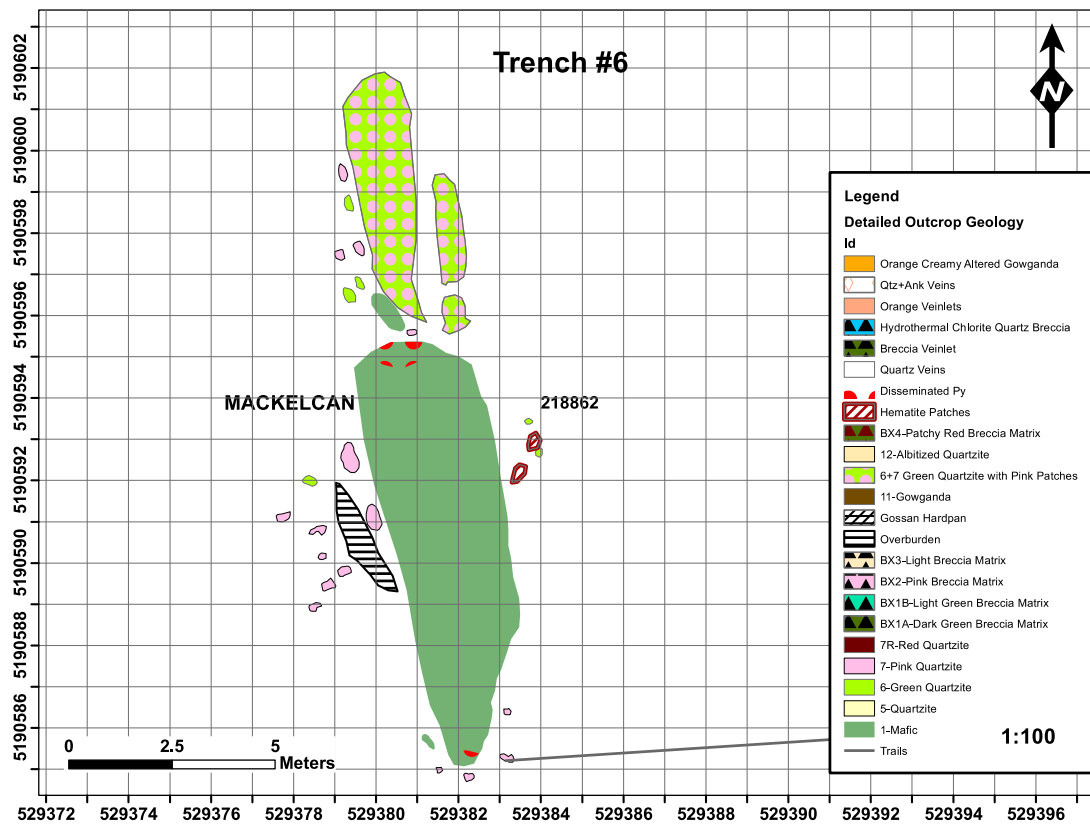


Figure 18. Trench #6 geology.

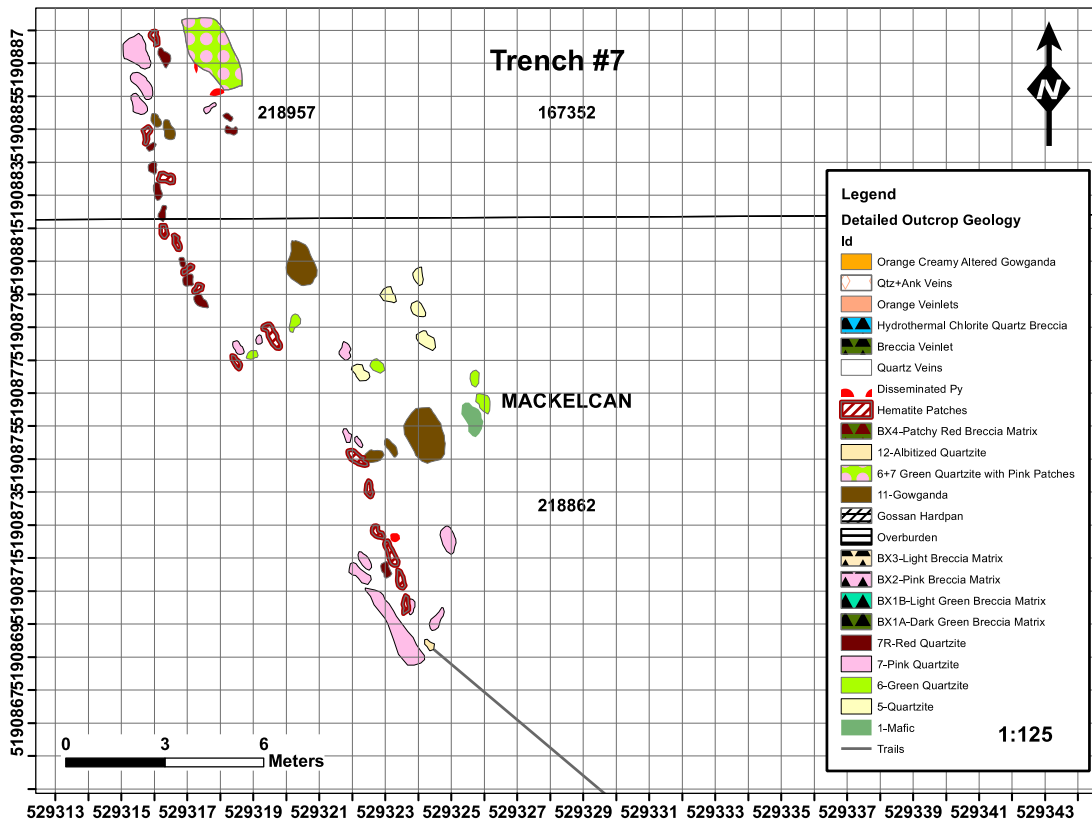


Figure 19. Trench #7 geology.

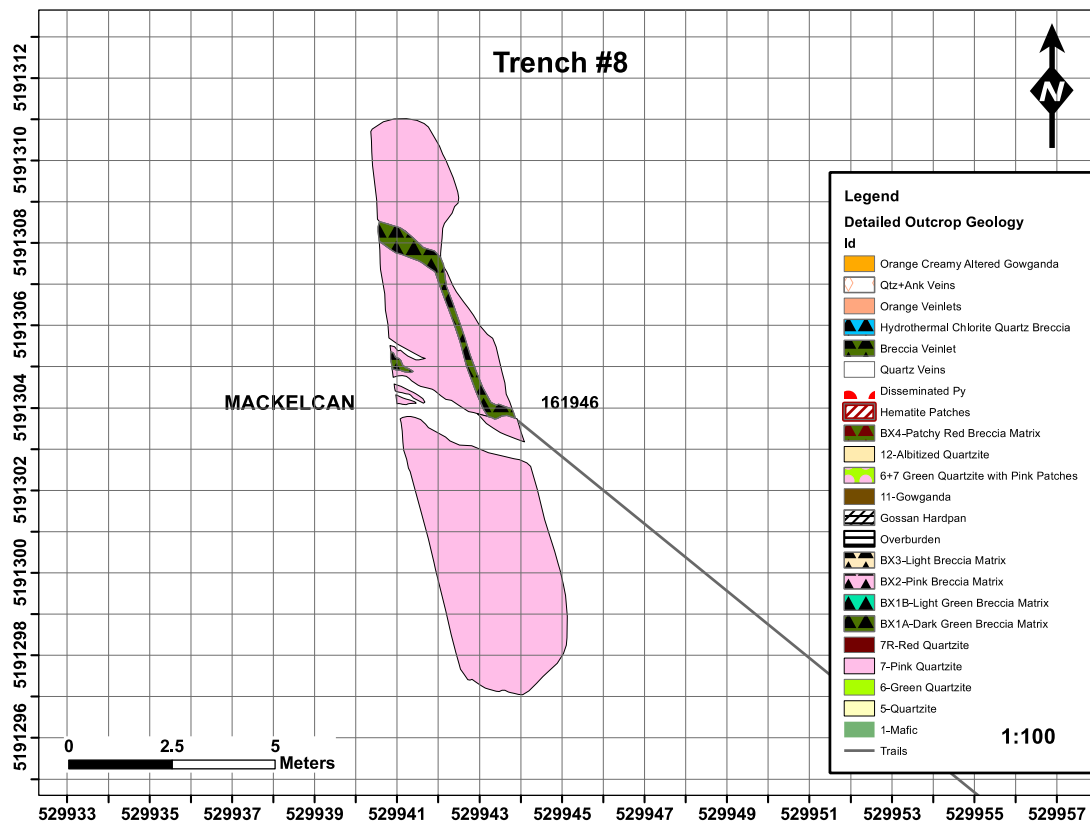


Figure 20. Trench #8 geology.

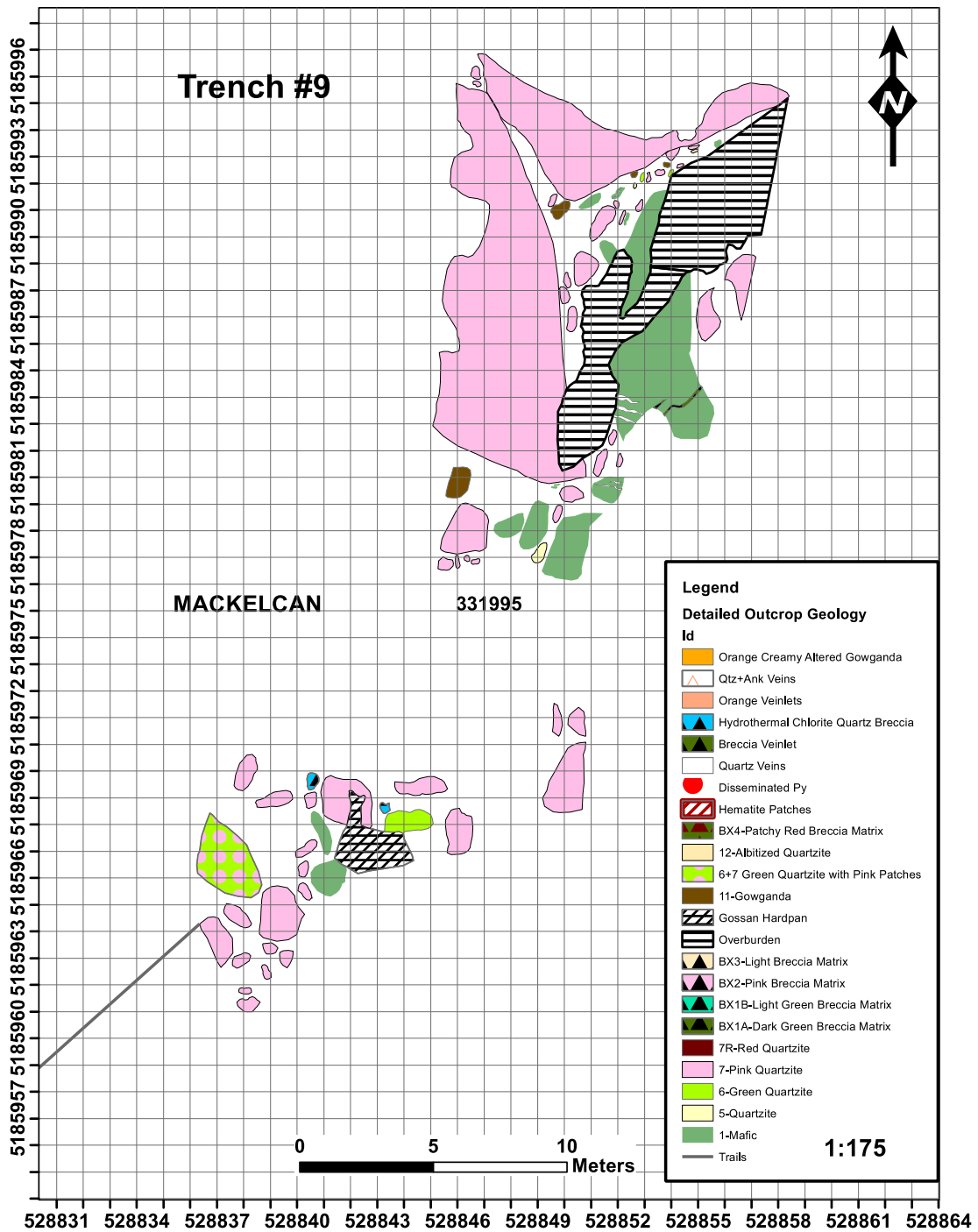


Figure 21. Trench #9 geology.

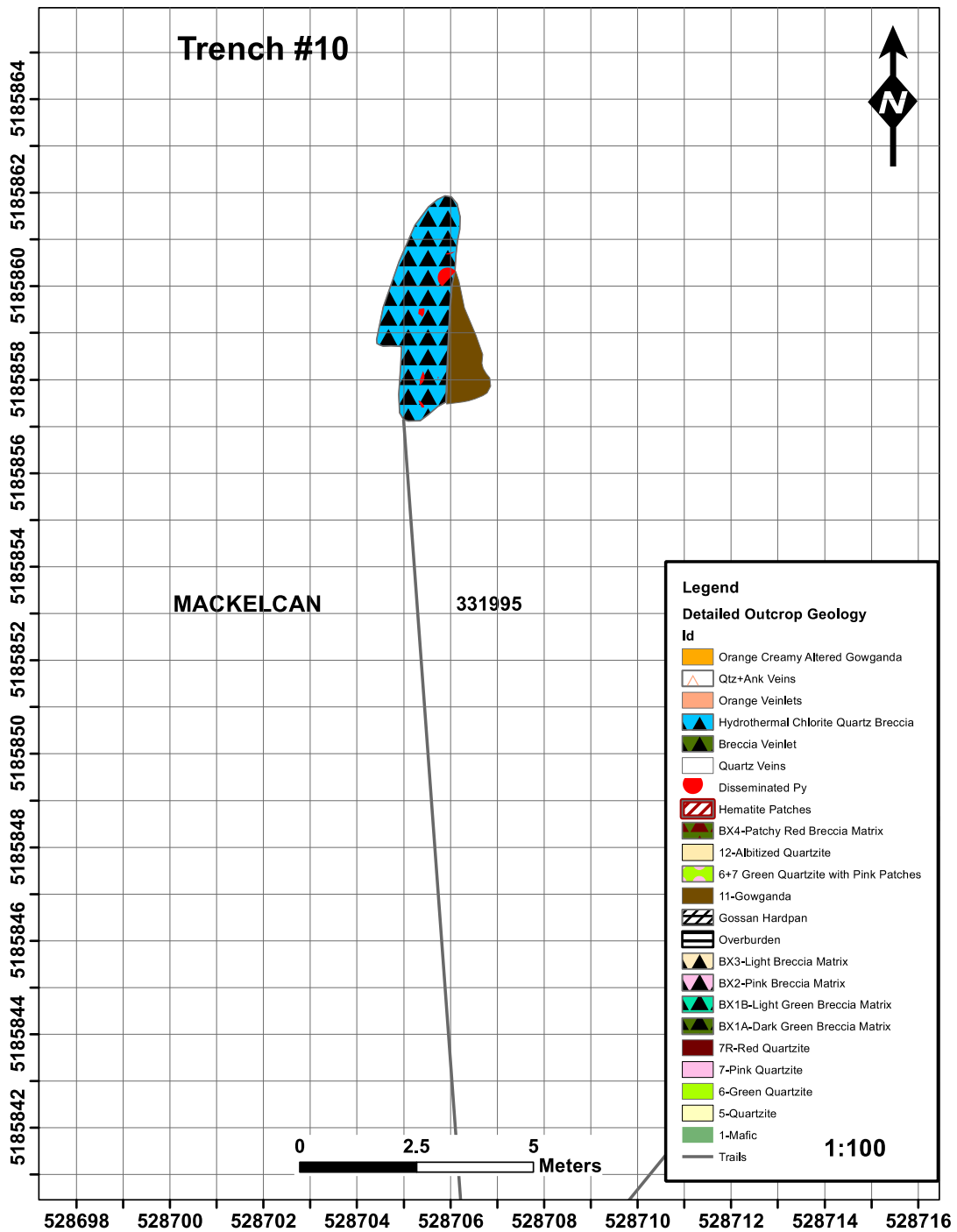


Figure 22. Trench #10 geology.

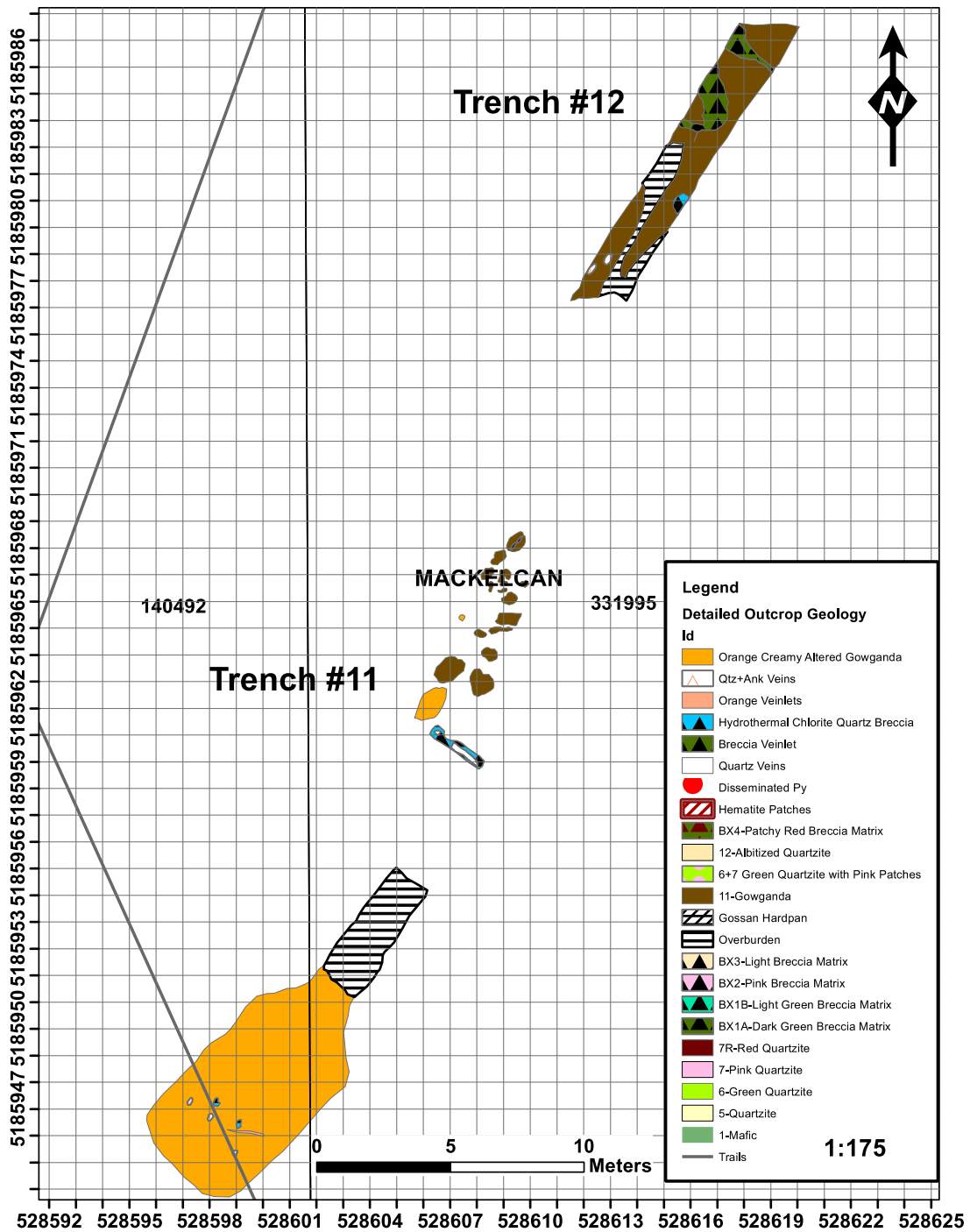


Figure 23. Trench #11 and #12 geology.

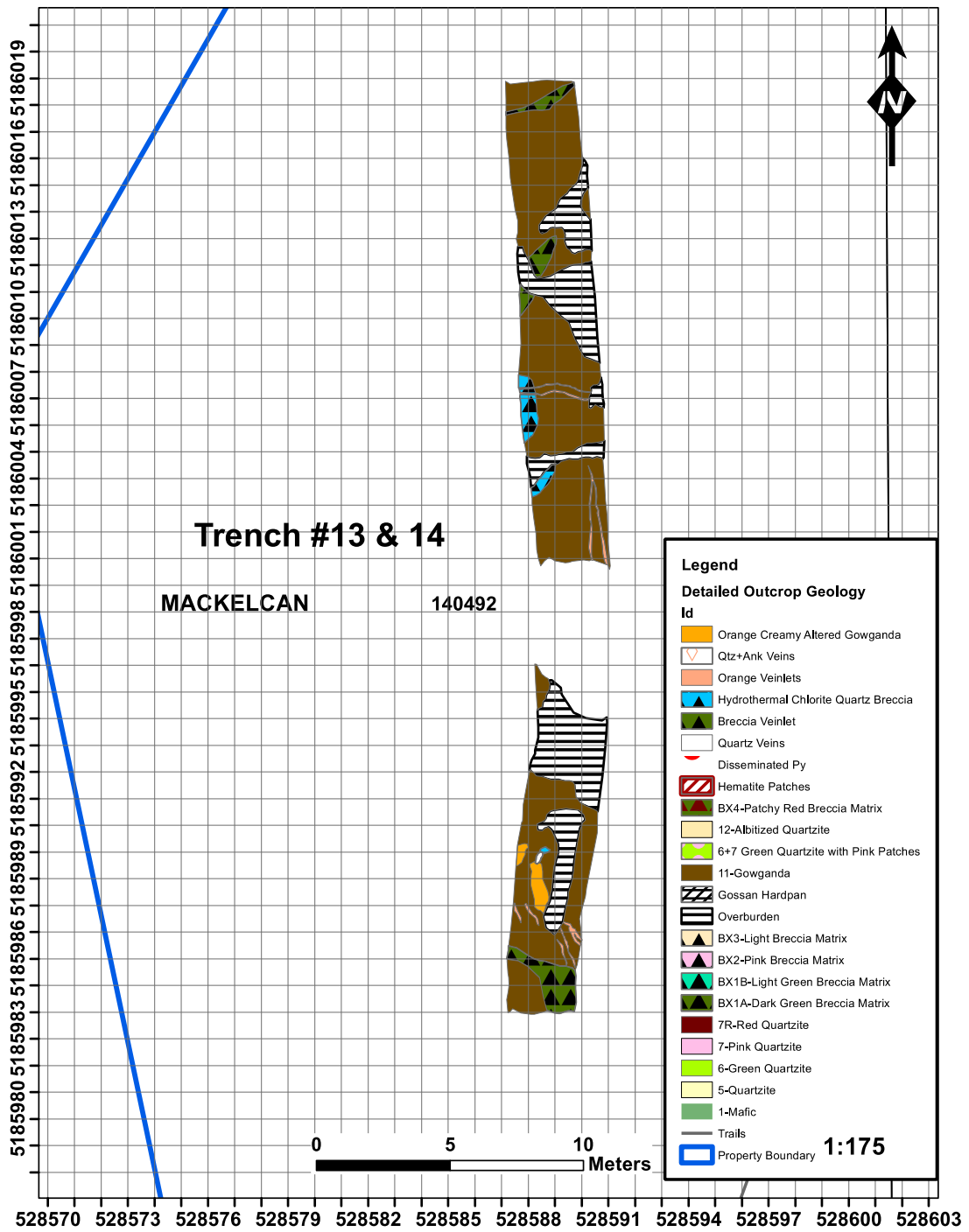


Figure 24. Trench #13-14 geology.

8. Geophysical/Historical Drill Core Analyst and Petrography Work

During the 2018 exploration program, Inventus contacted Glencore to obtain data on an airborne magnetic survey that was conducted by Falconbridge in the 1990's over the property, termed the Mirage Project. The raw magnetic data from the survey was obtained and given to Stevens Geophysics Inc. for modelling and re-interpretation. Additionally, gravity data from the OGS was also analyzed. See Figures 25 and 26 for the magnetic and gravity maps generated over the property. Inventus also collected drill core from Glencore, Wallbridge Mining, and Flag Resources. These holes which were drilled in 1992, 1993, and 2000 were drilled to determine the source of the magnetic anomaly. These holes were reanalyzed to help with the geological and geophysical 3D modeling.

Wesley Whymark Chief geologist for Inventus mining with the help of Andy Bite from Bite geological, collected data which included geophysical data along with the 3 deep drills which were re-analyzed, and samples were collected for geochemistry and petrographic work. The magnetic data was reprocessed by UBC geophysical inversion facility, and then modeled in 3D by Wesley Whymark using geo soft target, VOXI, BF Geo Tiff and Arc Map. The model can be demonstrated in Mira geoscience Analyst which includes the 3 deep drill holes accompanied by the geological data from the logs. See Figures 27-30.

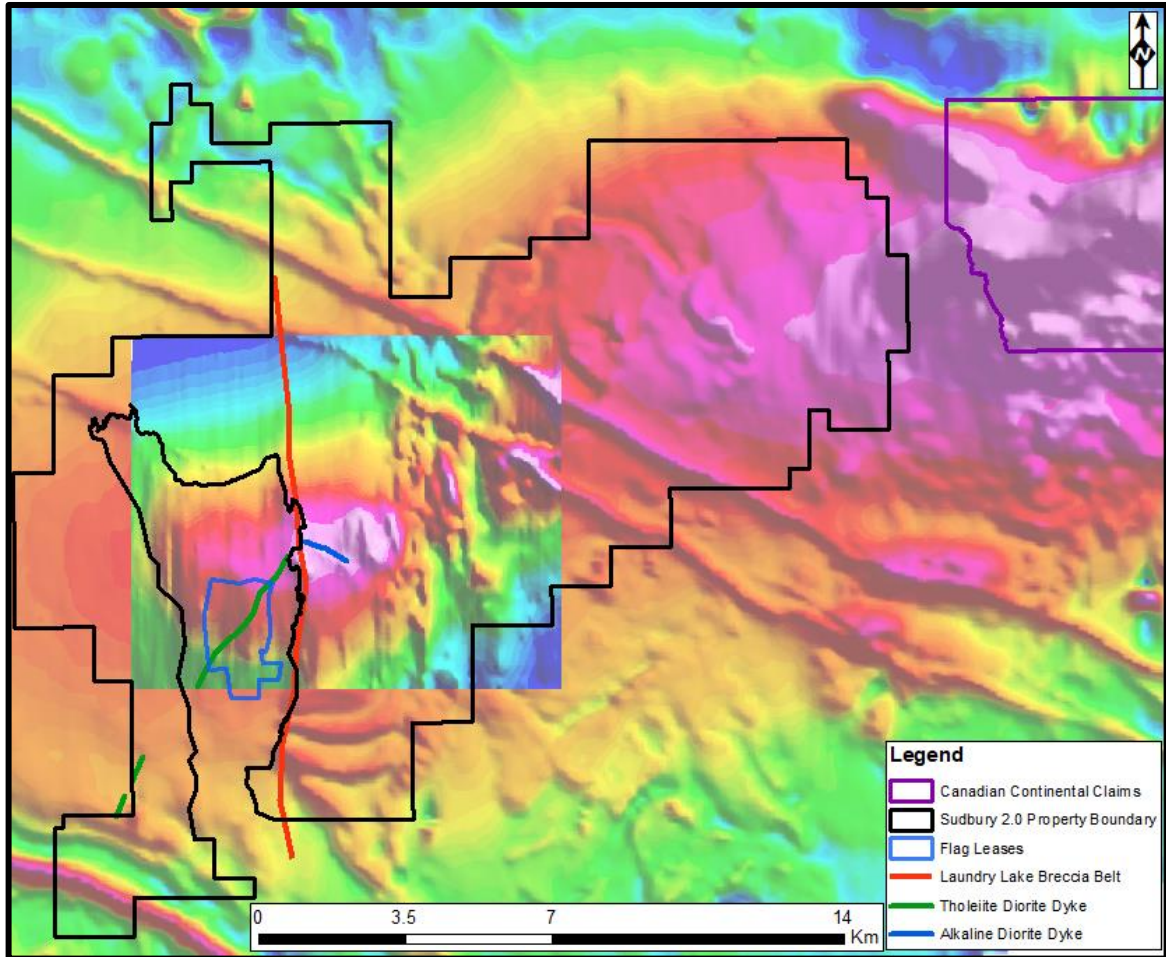


Figure 25. Sudbury 2.0 Magnetic Map with subset magnetic map over the west central part of the property.

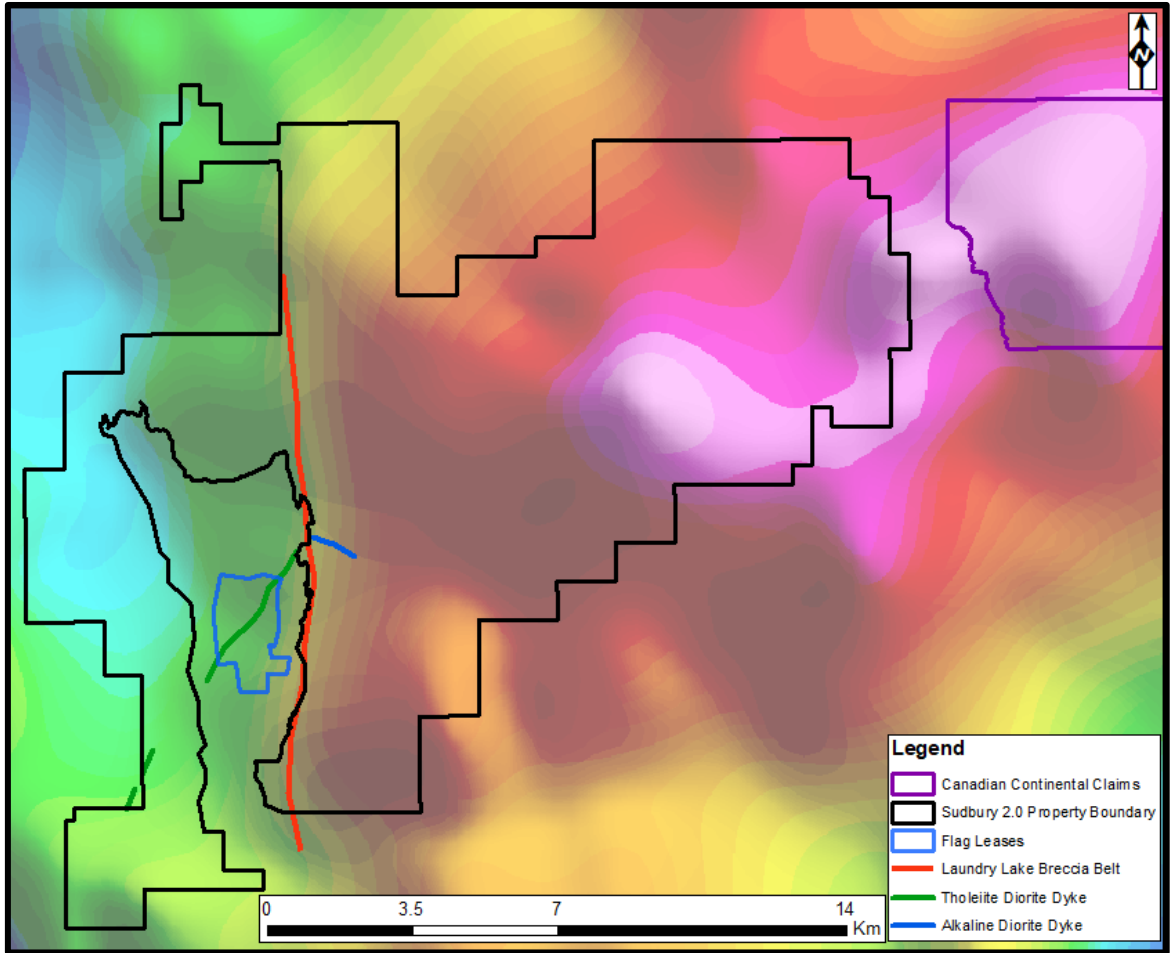


Figure 26. Sudbury 2.0 Gravity Map

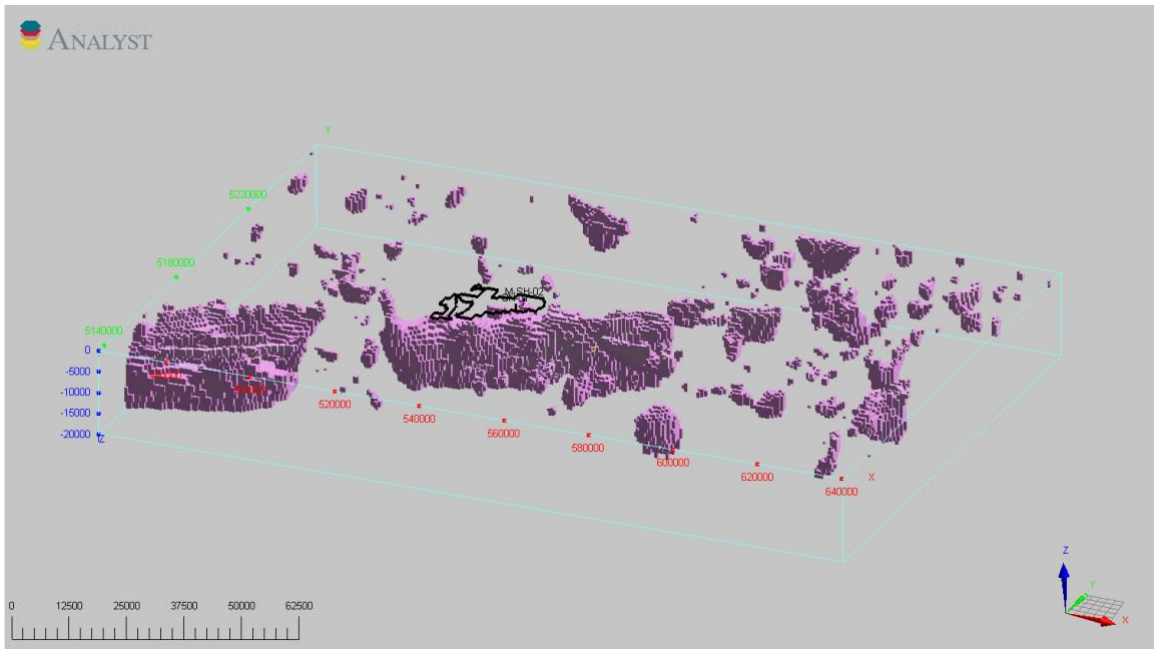


Figure 27. OGS 3D magnetic Inversion

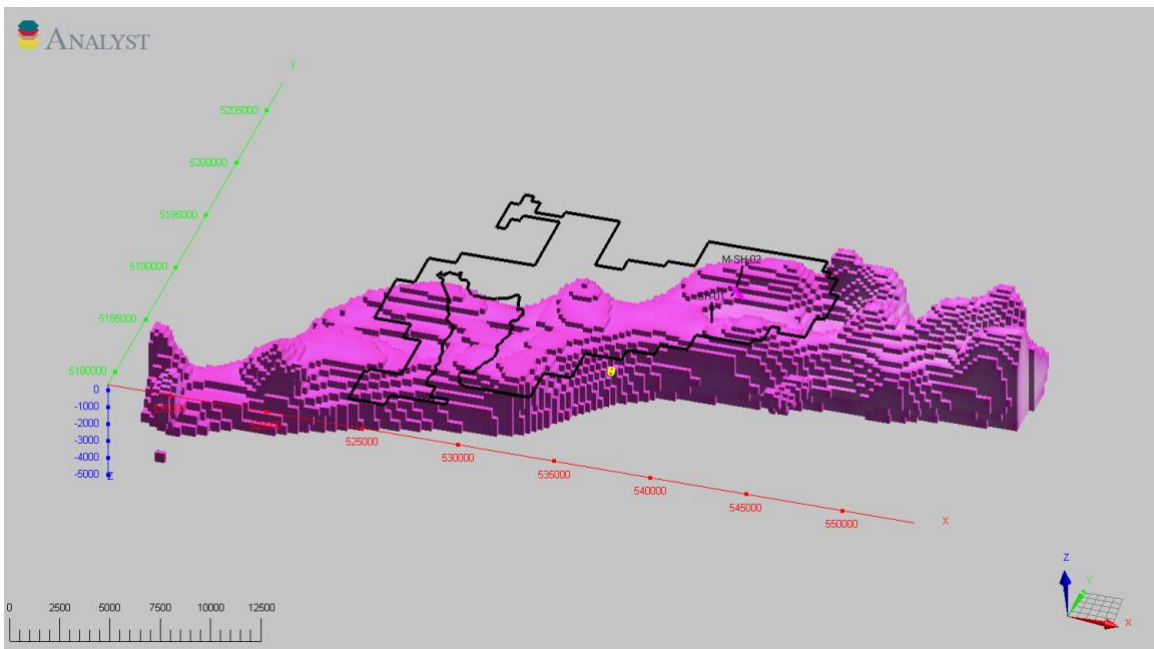


Figure 28. Falconbridge 3D magnetic Inversion

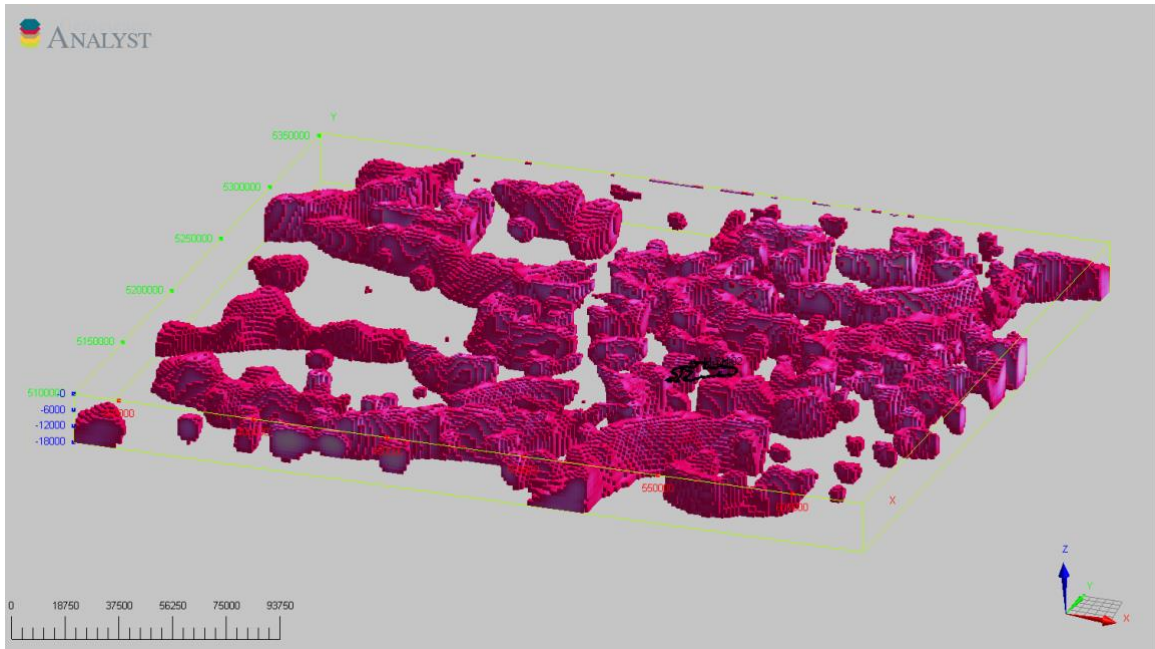


Figure 29. OGS 3D Gravity Inversion

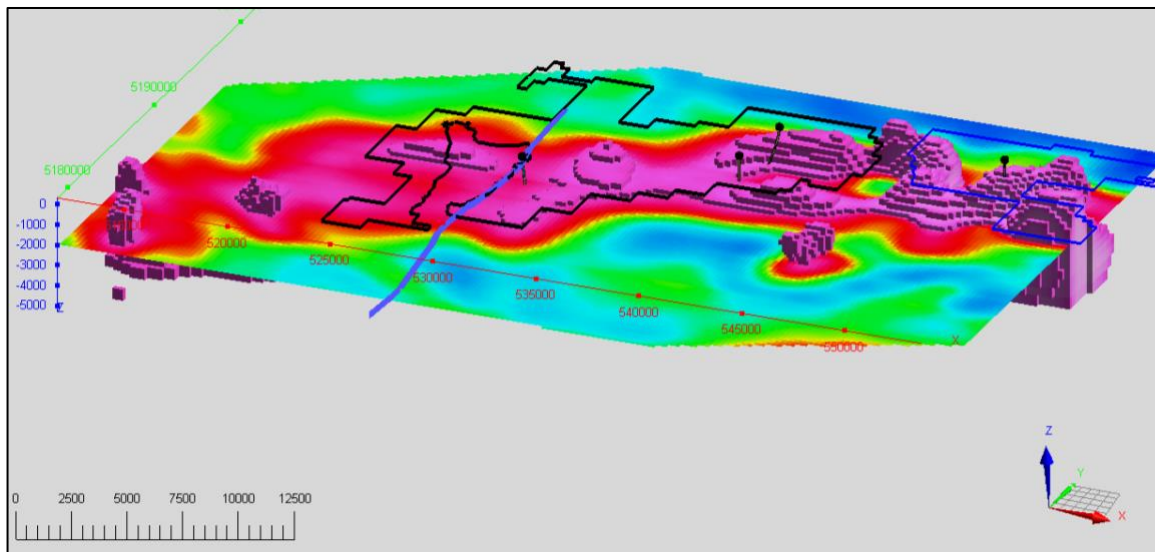


Figure 30. Falconbridge magnetic inversion with OGS magnetic map including 4 drill holes.

The 2018 petrography work included 52 samples, which included 32 grab samples and 20 drill core samples from holes MSH-92-01 (2200m), CH-92-01 (750m), and WSH-00-01 (1250m) which were collected during the core review of significant geological units that were missed in the original logs of both MSH-92-01 and WSM-00-01. The units were sampled for geochemistry and thin sections where prepared as part of the Petrography work set out in the 2018 Sudbury 2.0 program. Samples were collected though out the months of January till November 2018 during the collection of drill core, prospecting and stripping program. Samples from the core were collected after all the core was retrieved and laid out at Inventus's core shack facility at 1785 Frobisher St. Sudbury Ontario. All 52 samples were sent to Vancouver Petrographic's LTD. 8080 glover Rd, Langley, British Columbia, where the thin sections were created and shipped back to Inventus's core shack. The thin sections where scanned and analyzed by Wesley Whymark and Andy bite. (See Table 5 list of thin sections and Figures 31-33 of scanned thin sections). All the descriptions made from the petrographic study to were compiled in the geochemistry master data base for proper characterization of all 52 samples.

Thin Section ID	DDH Depth (M)	Easting	Northing	Description
Wallbridge DDH				
WSH-01	575	538790	5194580	Sudbury Breccia in Wallbridge Sheppard twp DDH
WSH-01	985.1	538790	5194580	flood quartz?
WSH-01	985.6	538790	5194580	cpy+po in flood quartz
WSH-01	986.1	538790	5194580	flood quartz?
WSH-01	1167	538790	5194580	Sudbury Breccia in Wallbridge Sheppard twp DDH
WSH-01	1185.3	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
WSH-01	1185.6	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
WSH-01	1185.7	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
WSH-01	1187.1	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
WSH-01	1191.4	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
WSH-01	1194.7	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
WSH-01	1202.8	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
WSH-01	1230.85	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
WSH-01	1249.55	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
WSH-01	1250.7	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
WSH-01	1251.3	538790	5194580	Diabase in Wallbridge Sheppard twp DDH
Rathbun Lake				

RH-01	grab	526277	5179020	Massive sulphide at Rathbun Lake showing
RH-02a	grab	526277	5179020	Diabase with inclusions at Rathbun Lake showing
RH-02b	grab	526277	5179020	Diabase with inclusions at Rathbun Lake showing
Cobalt Hill DDH				
CH-92-01	531.2	528095	5187719	Pink Quartzite Breccia with dark green matrix in Cobalt Hill drill hole
Afton DDH				
AT-14-01	2082.8	549320	5198927	Afton DDH quartz diorite unit with inclusion of green breccia clasts
Wolf Lake Dyke				
S2-01	grab	526811	5187625	Fine grained diorite dyke on west side of Silvester Lake
S2-02	grab	526811	5187625	Fine grained diorite dyke on west side of Silvester Lake
S2-06	grab	528803	5190490	Fine grained diorite dyke in creek south of Laundry Lake
S2-08	grab	529158	5191076	Fine grained diorite dyke on western shore of Laundry Lake
S2-09	grab	529174	5191182	Fine grained diorite dyke, tr sulphides
Laundry Lake Mafic Dyke				
S2-26	grab	530140	5190695	fine to medium grained mafic dyke slightly magnetic with 1-2% diss sulphides
S2-33	grab	529719	5190974	fine to medium grained mafic dyke slightly magnetic with 1-2% diss sulphides
Mafic Inclusion @ Laundry Lake				
S2-43	grab	529383	5190589	Mafic inclusion 30% magnetite, 1% diss py tr cpy
S2-44	grab	529383	5190589	Mafic inclusion 30% magnetite, 1% diss py tr cpy
Mafic Inclusions @ island Lake				
S2-55	grab	528850	5185974	Mafic inclusion in SUBX, medium grained slightly magnetic
S2-57	grab	528850	5185974	Mafic inclusion in SUBX sheared fabric, difficult to distinguish rock type, non-magnetic
Mafic Inclusions @ island Lake				
S2-56	grab	528863	5185979	Quartz diorite inclusion in SUBX, fine grained
S2-58	grab	528863	5185979	Quartz diorite inclusion in SUBX with Cpy, Bn, Py, Po, unknown metallic gray grain
G-P-11	grab	528859	5185985	Quartz diorite inclusion in SUBX, fine grained, ~3% py
Sudbury Olivine Diabase				
S2-59	grab	526317	5181845	Olivine Diabase on road to Wolf Lake near Thomas Lake
Falconbridge Hole				
MSH-02	1373	538552	5198522	Mafic dyke in Falconbridge hole

MSH-02	1376.6	538552	5198522	Mafic dyke in Falconbridge hole
Sudbury Breccia Matrix				
MC-B5	grab	526128	5200442	pink arkose breccia with dark fine-grained magnetic matrix
MC-B3	grab	526221	5200588	Breccia with slightly magnetic matrix
S2-03	grab	529411	5190222	Sudbury Breccia east of Laundry Lake with flow banding
S2-05	grab	529415	5190231	Coarse breccia matrix (Sudbury-type) surrounded by flow banded breccia southeast of Laundry Lake
S2_-7	grab	528897	5190570	Rusty breccia (possibly Sudbury breccia)
S2-39	grab	529324	5190890	Mineralized breccia matrix 1-2% sulphide (py, cpy)
S2-69A	grab	528852	5185980	Breccia matrix at Island Lake from sample S2_69
S2-69B	grab	528852	5185980	Breccia matrix at Island Lake from sample S2_69
Argillite				
S2-11	grab	526861	5183294	Magnetic fine-grained sediment east shore of Thomas lake
S2-12	grab	530069	5189871	Magnetic fine-grained sediment southeast of Laundry Lake
S2-20	grab	529505	5190904	Chloritized sediment, very fine grained.
Lorrain Sediment				
S2-04	grab	530052	5187276	Magnetic Gowganda formation sediment
S2-34	grab	529548	5190470	Quartzite pink/red coloured K-Na metasomatism? Possible hematite alteration
S2-35	grab	529521	5190769	Quartzite with band of magnetite. Very magnetic.

Table 5. List of petrographic samples



Figure 31. Thin sections and microscopes at Inventus Mining office Sudbury.

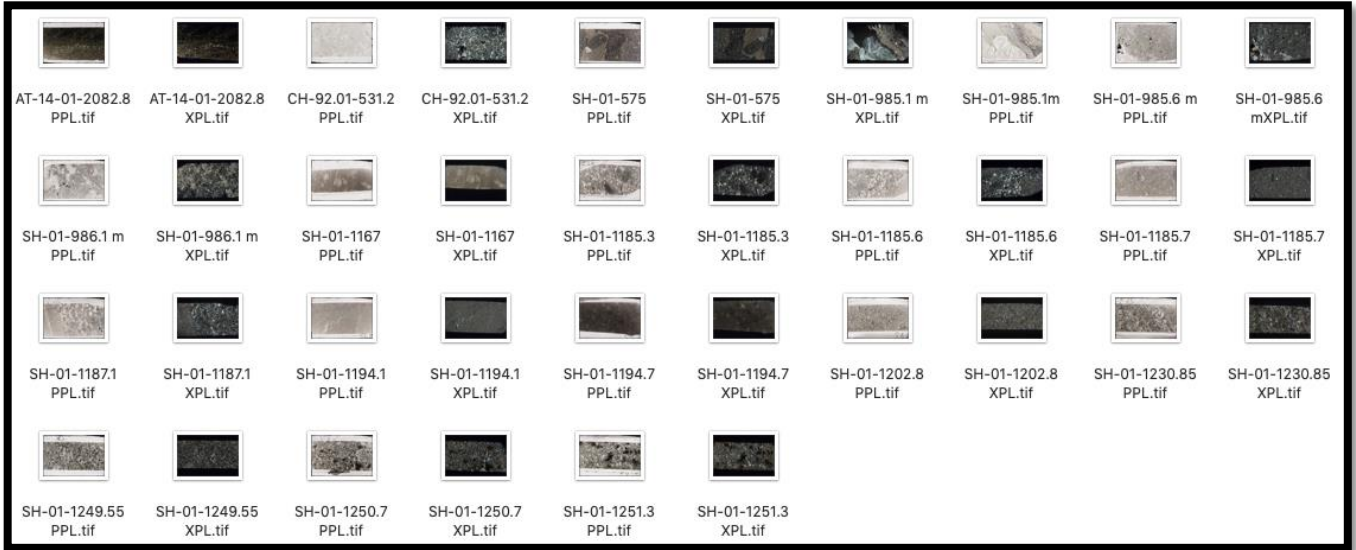


Figure 32. Scanned thin sections drill core



Figure 33. Scanned thin sections grab samples

9. Cost Statement

The total costs of **\$291,085.00** incurred for the 2018 program. The costs are broken down in terms of work type, associated costs, and other items.

Work Type	Unit	Price per unit (\$)	Total
Prospecting (days)	81	350	\$32,750.00
Geological Mapping (days)	84	350	\$29,400.00
Washing and Channel samples (days)	68	350	\$23,800.00
<i>supervision (days)</i>	19.5	350	\$6825.00
<i>Map and report Prep (days)</i>	52	350	\$18,200.00
<i>Data Reprocessing and Data Modeling</i>	150	350	\$32,803.00
Analysis (#samples)	136	105	\$14,321.00
Geological and Geophysical consulting			\$22,289.00
Excavator Cat 320 (hrs)	205	130.00	\$26,667.00
<i>Mobilization/Demobilization (hrs)</i>	10	135	\$1350.00
<i>Travel (hrs)</i>	96	40	\$3840.00
Expenses incurred <i>(expense reports)</i>			
Core Shack/office rental <i>(months)</i>	10.5	3360	\$28437.00
Core yard <i>(months)</i>	12	250	\$3000.00
Truck rental (discount)			\$17,760.00
Equipment rental			\$6,814.00
Gas			\$8,656.00
Food			\$2,591.00
Supplies/gear			\$4,221.00
Petrography / Thin sections	52	142	\$7,361.00

Total Expenditures

\$291,085.00

Table 6. Expenditures

10. References

Dressler, B.O., 1982. Geology of the Wanapitei Lake Area, District of Sudbury. Ontario Geological Survey, Report 213. Ontario Ministry of Natural Resources.

Gates, B.I., 1991. Sudbury Mineral Occurrence Study. Ontario Geological Survey, Open File Report 5771.

Giblin, P.E., 1998. Report on McNish Township for Montreal Stock Exchange. Technical Report for Flag Resources.

Lightfoot, P.C., 2016. Nickel Sulfide Ores and Impact Melts Origin of the Sudbury Igneous Complex. Elsevier, Amsterdam, 1st edition. pp. 73

11. Certificate of Author

- 1) I am currently hired as Operations Manager for Inventus Mining Corp.
- 2) I graduated from Cambrian College with a Diploma in Mining/Geological Engineering Technology.
- 3) I have worked for Inventus Mining Corp. (Mount Logan Resources) since 2009.
- 4) I am not aware of any material fact or material change with respect to the subject matter of this report, the omission to disclose which makes this report misleading.
- 5) I am not independent of Inventus Mining Corp., applying all tests in section 1.5 of NI43-101. I am under salary as an Operations Manager to the company.
- 6) As of the date of this certificate, and to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information related to the program here in described.

Dated

Signed:

Winston Whymark

12. Appendix

- Daily work log
- Assay certificates
- Invoices (E.Corbriere, SGS labs, SGI, Bite geological)
- Cost breakdown

Jamie Millette	May	June	July	August	September
Prospecting/Mapping	11	10	8	7	
Washing/channel sampling		5	9	10.5	
Moving and laying out drill core	11	4	3		
Trenching/Stripping supervision					
Map/ Report/digitizing					
Phil Trudel	May	June	July	August	September
Prospecting/Mapping		10	9	8	
Washing/channel sampling		10	5	3.5	
Moving and laying out drill core					
Trenching/Stripping supervision			2		
Map/ Report/digitizing		7	5	5	
Winston Whymark	May	June	July	August	September
Prospecting/Mapping	10	12	10	10	5
Washing/channel sampling			5	5	5
Moving and laying out drill core	5	3			5
Trenching/Stripping supervision		5	5	5	
Map/ Report/digitizing	5				5
Wesley Whymark	May	June	July	August	September
Prospecting/Mapping	10	12.5	15	10	15
Washing/channel sampling		2.5	2.5	5	
Moving and laying out drill core					
Trenching/Stripping supervision		2.5			
Map/ Report/digitizing	10	2.5	2.5	5	5



**CLIENT NAME: INVENTUS MINING CORP
82 RICHMOND ST. EAST
TORONTO, ON M5C 1P1
416-214-5952**

ATTENTION TO: Wesley Whymark

PROJECT:

AGAT WORK ORDER: 18T383328

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Nov 12, 2018

PAGES (INCLUDING COVER): 7

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

***NOTES**

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 18T383328

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(200-) Sample Login Weight

DATE SAMPLED: Sep 09, 2018

DATE RECEIVED: Sep 10, 2018

DATE REPORTED: Nov 12, 2018

SAMPLE TYPE: Rock

	Analyte:	Sample Login Weight
	Unit:	kg
Sample ID (AGAT ID)	RDL:	0.01
B00168377 (9534095)		0.8024
B00168378 (9534096)		1.4056

Comments: RDL - Reported Detection Limit

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 18T383328

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

DATE SAMPLED: Sep 09, 2018

DATE RECEIVED: Sep 10, 2018

DATE REPORTED: Nov 12, 2018

SAMPLE TYPE: Rock

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.002
B00168377 (9534095)		0.087
B00168378 (9534096)		0.113

Comments: RDL - Reported Detection Limit

Certified By:



AGAT Laboratories

Certificate of Analysis

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PROJECT:

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CANADA L4Z 1N9
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<http://www.agatlabs.com>

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge) - SET 2

DATE SAMPLED: Sep 09, 2018

DATE RECEIVED: Sep 10, 2018

DATE REPORTED: Nov 12, 2018

SAMPLE TYPE: Rock

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.002
B00168377 (9534095)		0.080
B00168378 (9534096)		0.106

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

Parameter	REPLICATE #1				RPD										
	Sample ID	Original	Replicate	RPD											
Au	9534096	0.113	0.101	11.2%											

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge) - SET 2

Parameter	REPLICATE #1				RPD										
	Sample ID	Original	Replicate	RPD											
Au	9534096	0.106	0.104	1.9%											



CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

CRM #1 (ref.GS6E)														
Parameter	Expect	Actual	Recovery	Limits										
Au	6.06	5.81	96%	90% - 110%										

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge) - SET 2

CRM #1 (ref.GS6E)														
Parameter	Expect	Actual	Recovery	Limits										
Au	6.06	5.87	97%	90% - 110%										



Method Summary

CLIENT NAME: INVENTUS MINING CORP

AGAT WORK ORDER: 18T383328

PROJECT:

ATTENTION TO: Wesley Whymark

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	AA



**CLIENT NAME: INVENTUS MINING CORP
82 RICHMOND ST. EAST
TORONTO, ON M5C 1P1
416-214-5952**

ATTENTION TO: Wesley Whymark

PROJECT:

AGAT WORK ORDER: 18T383328

SOLID ANALYSIS REVIEWED BY: Adel Mina, Mining Chief Chemist

DATE REPORTED: Sep 15, 2018

PAGES (INCLUDING COVER): 6

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

***NOTES**

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 18T383328

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(200-) Sample Login Weight

DATE SAMPLED: Sep 09, 2018

DATE RECEIVED: Sep 10, 2018

DATE REPORTED: Sep 15, 2018

SAMPLE TYPE: Rock

	Analyte:	Sample Login Weight
	Unit:	kg
Sample ID (AGAT ID)	RDL:	0.01
B00168377 (9534095)		0.8024
B00168378 (9534096)		1.4056

Comments: RDL - Reported Detection Limit

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 18T383328

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

DATE SAMPLED: Sep 09, 2018		DATE RECEIVED: Sep 10, 2018		DATE REPORTED: Sep 15, 2018		SAMPLE TYPE: Rock	
	Analyte:	Au					
	Unit:	ppm					
Sample ID (AGAT ID)	RDL:	0.002					
B00168377 (9534095)		0.073					
B00168378 (9534096)		0.116					

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	9534095	0.073	0.076	4.0%	9534096	0.116	0.101	13.8%								



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 18T383328

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: INVENTUS MINING CORP

ATTENTION TO: Wesley Whymark

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

Parameter	CRM #1 (ref.GS6E)				Limits									
	Expect	Actual	Recovery											
Au	6.06	5.82	96%	90% - 110%										



Method Summary

CLIENT NAME: INVENTUS MINING CORP

AGAT WORK ORDER: 18T383328

PROJECT:

ATTENTION TO: Wesley Whymark

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-12004	BUGBEE, E: A Textbook of Fire Assaying	AA



Certificate of Analysis
Work Order : SU1800216 [Revision 1]
[Report File No.: 0000014437]

Date: March 16, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: Pardo Project
Project No.: -
Samples: 12
Received: Feb 23, 2018
Pages: Page 1 to 13
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
12	SHIP	Shipping
12	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
12	G_WGH79	Weighing of samples and reporting of weights
12	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
12	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
12	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles
12	GO_XRF76V	@Ore grade Borate fusion, XRF (0.5g plus 1g LOI)
12	GE_CSA06V	@Exploration grade 0.005 - 30% S & C by IR Combustion
12	GE_CVA20A	@Hg 5 - 100000 ppb Cold vapour AAS 0.15g-25ml
11	GE_FAM313	30 g, Fire assay, ICP-MS finish - New Pots
1	GO_FAI303	@Au, Pt, Pd, FAS, ICP-AES, 30g -10ml
1	GO_ICP90Q	@ICP-OES after Na2O2 fusion-Ore-Grade Analyses

Storage: Pulp & Reject

PULP STORAGE : RETURN
REJECT STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site
Sample #7 (B00168221) low sum due to sample matrix
This Report cancels and supersedes the Report No. 0000014426 dated March 16, 2018 issued by SGS Lakefield

Certified By :

Brett Pipher
Project Coordinator

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Al GE_ICM90A 0.01 %	@Ba GE_ICM90A 10 ppm	@Be GE_ICM90A 5 ppm	@Ca GE_ICM90A 0.1 %	@Cr GE_ICM90A 10 ppm	@Cu GE_ICM90A 10 ppm	@Fe GE_ICM90A 0.01 %
B00168216	0.497	8.15	154	<5	7.4	52	185	7.40
B00168217	0.466	7.75	133	<5	6.9	35	169	8.13
B00168218	0.386	7.95	184	<5	6.6	27	91	10.7
B00168219	0.303	6.73	75	<5	8.2	22	171	12.1
B00168220	0.301	7.64	135	<5	6.7	26	190	10.9
B00168221	0.680	5.24	30	<5	1.9	180	>10000	18.1
B00168222	1.131	8.29	204	<5	5.4	268	200	6.99
B00168223	0.285	8.19	202	<5	6.0	264	163	6.96
B00168224	0.281	8.37	201	<5	5.0	282	122	6.82
B00168225	0.636	7.91	75	<5	8.2	205	135	6.79
B00168226	0.575	9.17	245	<5	0.8	282	9049	6.82
B00168227	0.534	7.81	101	<5	7.6	244	156	7.05
*Rep B00168227		7.67	102	<5	7.7	242	149	7.11

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Element Method Det.Lim. Units	@K	@Li	@Mg	@Mn	@Ni	@P	@Sc	Si
	GE_ICM90A 0.1 %	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 10 ppm	GE_ICM90A 5 ppm	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 0.1 %
B00168216	0.9	20	4.37	1456	120	0.03	37	24.7
B00168217	0.7	20	4.17	1371	86	0.03	40	24.8
B00168218	0.8	15	2.09	1569	34	0.04	37	23.5
B00168219	0.4	25	2.93	1718	43	0.05	43	22.7
B00168220	0.5	17	2.78	1617	50	0.04	41	24.1
B00168221	0.2	11	1.63	509	881	<0.01	16	14.4
B00168222	1.0	24	3.99	1187	125	0.05	35	25.5
B00168223	1.0	23	4.35	1242	126	0.04	37	25.4
B00168224	1.0	23	3.80	1153	113	0.05	32	26.1
B00168225	0.5	<10	4.86	1240	129	0.02	40	24.0
B00168226	2.3	37	3.25	591	970	0.03	27	25.5
B00168227	0.5	16	4.65	1252	132	0.04	39	24.6
*Rep B00168227	0.5	15	4.68	1257	130	0.04	40	25.0

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Element Method Det.Lim. Units	@Sr	@Ti	@V	@Zn	@Ag	@As	@Bi	@Cd
	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 5 ppm	GE_ICM90A 1 ppm	GE_ICM90A 5 ppm	GE_ICM90A 0.1 ppm	GE_ICM90A 0.2 ppm
B00168216	208	0.37	217	66	<1	<5	0.2	<0.2
B00168217	230	0.38	234	71	<1	14	<0.1	0.2
B00168218	243	1.03	428	118	<1	<5	<0.1	0.3
B00168219	141	1.25	618	123	<1	<5	<0.1	<0.2
B00168220	212	0.86	481	162	<1	<5	0.1	0.2
B00168221	175	0.33	142	97	13	8	18.1	0.6
B00168222	212	0.37	198	62	<1	5	0.4	<0.2
B00168223	194	0.36	202	66	<1	<5	0.2	<0.2
B00168224	233	0.39	187	61	<1	<5	0.2	<0.2
B00168225	106	0.27	210	65	<1	<5	<0.1	<0.2
B00168226	89	0.41	199	67	<1	11	0.7	0.2
B00168227	121	0.37	222	68	<1	<5	0.1	0.2
*Rep B00168227	123	0.37	226	73	<1	<5	0.2	<0.2

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Element Method Det.Lim. Units	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm
B00168216	10.5	53.2	2.7	2.96	1.41	0.70	16	2.46
B00168217	12.0	57.4	2.6	2.33	1.27	0.68	17	2.18
B00168218	17.6	58.3	1.9	3.61	1.79	1.11	23	3.21
B00168219	20.2	68.5	0.9	3.96	2.03	1.05	24	3.63
B00168220	14.5	65.6	2.0	3.11	1.55	0.88	21	2.80
B00168221	20.5	14.9	0.2	0.90	0.55	0.55	17	1.05
B00168222	28.0	44.1	1.6	3.13	1.67	0.78	18	2.93
B00168223	25.9	45.3	2.0	3.18	1.69	0.83	17	2.77
B00168224	33.7	41.4	1.3	3.16	1.57	0.77	18	3.29
B00168225	8.3	51.6	1.6	2.23	1.24	0.56	15	1.91
B00168226	28.5	49.1	0.9	2.34	1.18	0.80	26	2.33
B00168227	14.0	50.7	1.7	2.93	1.63	0.71	16	2.61
*Rep B00168227	14.2	51.2	1.8	3.03	1.67	0.72	16	2.61

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Element Method Det.Lim. Units	@Ge	@Hf	@Ho	@In	@La	@Lu	@Mo	@Nb
	GE_ICM90A 1 ppm	GE_ICM90A 1 ppm	GE_ICM90A 0.05 ppm	GE_ICM90A 0.2 ppm	GE_ICM90A 0.1 ppm	GE_ICM90A 0.05 ppm	GE_ICM90A 2 ppm	GE_ICM90A 1 ppm
B00168216	2	2	0.53	<0.2	4.6	0.27	<2	2
B00168217	2	1	0.44	<0.2	5.5	0.19	<2	3
B00168218	2	2	0.64	<0.2	8.1	0.26	<2	4
B00168219	2	2	0.71	<0.2	9.4	0.27	<2	5
B00168220	2	1	0.54	<0.2	6.8	0.22	<2	3
B00168221	1	1	0.18	0.7	11.4	0.09	<2	4
B00168222	2	2	0.57	<0.2	13.8	0.25	<2	4
B00168223	2	2	0.56	<0.2	12.8	0.26	<2	4
B00168224	2	2	0.55	<0.2	16.7	0.24	<2	5
B00168225	2	<1	0.42	<0.2	4.3	0.19	<2	2
B00168226	1	3	0.41	<0.2	14.3	0.21	<2	6
B00168227	2	1	0.56	<0.2	6.7	0.25	<2	3
*Rep B00168227	2	1	0.57	<0.2	6.9	0.24	<2	3

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Element Method Det.Lim. Units	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm	@Sn	@Ta
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	0.1	5	0.05	0.2	0.1	0.1	1	0.5
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00168216	6.2	7	1.37	49.2	0.6	2.0	1	<0.5
B00168217	6.6	<5	1.53	35.1	1.4	1.9	<1	<0.5
B00168218	9.8	9	2.35	28.6	0.6	2.7	1	<0.5
B00168219	11.2	6	2.62	10.9	0.7	3.0	2	<0.5
B00168220	8.3	9	1.86	19.8	0.4	2.3	1	<0.5
B00168221	7.3	55	2.16	5.6	5.9	1.3	5	<0.5
B00168222	12.6	7	3.26	42.1	1.6	2.9	1	<0.5
B00168223	12.0	8	3.07	43.2	1.5	2.7	1	<0.5
B00168224	14.7	7	3.85	41.3	1.6	2.7	1	0.5
B00168225	4.8	<5	1.08	18.8	0.2	1.3	<1	<0.5
B00168226	12.3	30	3.22	50.7	1.4	2.5	2	0.9
B00168227	7.4	7	1.80	23.9	0.6	2.2	1	<0.5
*Rep B00168227	7.7	7	1.79	24.4	0.4	2.2	1	<0.5

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Element Method Det.Lim. Units	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm	@W GE_ICM90A 1 ppm	@Y GE_ICM90A 0.5 ppm	@Yb GE_ICM90A 0.1 ppm
B00168216	0.44	1.4	<0.5	0.25	0.42	1	14.8	1.7
B00168217	0.38	1.6	<0.5	0.21	0.47	<1	12.6	1.2
B00168218	0.54	2.1	<0.5	0.29	0.65	<1	17.4	1.6
B00168219	0.61	2.5	<0.5	0.31	0.88	<1	20.1	1.8
B00168220	0.47	1.6	<0.5	0.25	0.55	<1	15.2	1.4
B00168221	0.15	4.0	1.1	0.10	1.42	<1	4.8	0.6
B00168222	0.48	4.6	<0.5	0.28	1.75	<1	15.9	1.7
B00168223	0.48	3.5	<0.5	0.29	1.36	<1	16.4	1.6
B00168224	0.52	5.9	<0.5	0.25	2.29	<1	16.5	1.6
B00168225	0.33	1.1	<0.5	0.20	0.35	<1	11.8	1.2
B00168226	0.39	10.9	<0.5	0.19	4.14	<1	11.5	1.2
B00168227	0.44	1.7	<0.5	0.27	0.52	<1	15.1	1.5
*Rep B00168227	0.45	1.7	<0.5	0.26	0.58	<1	15.8	1.5

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Element Method Det.Lim. Units	@Zr GE_ICM90A 0.5 ppm	Se GE_ICM90A 0.2 ppm	Te GE_ICM90A 1 ppm	@LOI GO_XRF76V -10.000 %	@SiO2 GO_XRF76V 0.01 %	@Al2O3 GO_XRF76V 0.01 %	@Fe2O3 GO_XRF76V 0.01 %	@MgO GO_XRF76V 0.01 %
B00168216	44.2	0.2	<1	1.78	51.2	14.7	11.0	7.56
B00168217	44.5	<0.2	<1	2.12	51.7	13.9	12.2	7.12
B00168218	70.6	0.3	<1	1.19	49.9	15.0	15.9	3.59
B00168219	86.5	0.2	<1	1.97	47.5	12.1	17.7	4.87
B00168220	52.5	0.2	<1	0.904	50.0	14.1	16.1	4.78
B00168221	54.4	161	39	8.10	29.0	9.55	27.7	2.53
B00168222	68.0	<0.2	<1	2.55	53.5	14.9	10.4	6.92
B00168223	57.7	<0.2	<1	2.30	52.8	14.9	10.4	7.36
B00168224	81.1	<0.2	<1	2.71	54.4	15.0	10.1	6.50
B00168225	30.5	<0.2	<1	1.18	50.8	14.6	10.3	8.54
B00168226	119	4.0	2	4.31	53.7	16.7	10.2	5.63
B00168227	46.4	<0.2	<1	1.67	51.9	14.3	10.6	7.99
*Rep B00168227	49.4	<0.2	<1					

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Element Method Det.Lim. Units	@CaO GO_XRF76V 0.01 %	@K2O GO_XRF76V 0.01 %	@Na2O GO_XRF76V 0.01 %	@TiO2 GO_XRF76V 0.01 %	@MnO GO_XRF76V 0.01 %	@P2O5 GO_XRF76V 0.01 %	@Cr2O3 GO_XRF76V 0.01 %	@V2O5 GO_XRF76V 0.01 %
B00168216	10.7	1.02	1.79	0.62	0.18	0.05	<0.01	0.04
B00168217	9.90	0.77	2.04	0.63	0.18	0.05	<0.01	0.04
B00168218	9.46	0.84	2.58	1.72	0.19	0.07	<0.01	0.08
B00168219	11.7	0.45	1.99	2.03	0.22	0.08	<0.01	0.11
B00168220	9.58	0.57	2.52	1.41	0.21	0.06	<0.01	0.09
B00168221	2.70	0.20	1.12	0.56	0.06	0.03	0.03	0.05
B00168222	7.73	1.13	2.24	0.61	0.16	0.08	0.04	0.03
B00168223	8.60	1.15	2.10	0.60	0.16	0.07	0.04	0.05
B00168224	7.12	1.16	2.38	0.64	0.15	0.10	0.04	0.04
B00168225	12.0	0.52	1.51	0.46	0.17	0.03	0.03	0.04
B00168226	1.15	2.65	3.27	0.68	0.08	0.06	0.05	0.04
B00168227	11.0	0.59	1.70	0.60	0.17	0.06	0.04	0.04

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Element Method Det.Lim. Units	Sum GO_XRF76V 0 %	@C GE_CSA06V 0.005 %	@S GE_CSA06V 0.005 %	@Hg GE_CVA20A 0.005 ppm	Au GE_FAM313 1 ppb	Pt GE_FAM313 0.5 ppb	Pd GE_FAM313 0.5 ppb	@Au GO_FAI303 0.01 ppm
B00168216	100.6	0.033	0.080	0.029	5	12.0	10.2	N.A.
B00168217	100.6	0.020	0.080	0.025	2	<0.5	<0.5	N.A.
B00168218	100.6	0.050	0.168	0.034	1	<0.5	<0.5	N.A.
B00168219	100.7	0.072	0.149	0.022	<1	<0.5	<0.5	N.A.
B00168220	100.3	0.030	0.130	0.040	<1	<0.5	<0.5	N.A.
B00168221	81.7	0.026	13.0	0.704	N.A.	N.A.	N.A.	1.18
B00168222	100.3	0.050	0.068	0.021	4	9.9	33.3	N.A.
B00168223	100.5	0.036	0.067	0.025	4	11.6	23.6	N.A.
B00168224	100.3	0.049	0.053	0.015	4	8.5	9.3	N.A.
B00168225	100.3	0.024	0.068	<0.005	4	17.4	18.8	N.A.
B00168226	98.6	0.036	0.841	0.126	370	5.6	1035	N.A.
B00168227	100.6	0.046	0.071	0.025	9	30.7	21.7	N.A.
*Rep B00168226		0.038	0.835					
*Rep B00168218					<1	<0.5	<0.5	
*Rep B00168224					4	8.9	9.4	
*Rep B00168227				0.024				
*Rep B00168221								1.08

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Report File No.: 0000014437

Element Method Det.Lim. Units	@Pt GO_FAI303 0.01 ppm	@Pd GO_FAI303 0.01 ppm	@Cu GO_ICP90Q 0.01 %
B00168216	N.A.	N.A.	N.A.
B00168217	N.A.	N.A.	N.A.
B00168218	N.A.	N.A.	N.A.
B00168219	N.A.	N.A.	N.A.
B00168220	N.A.	N.A.	N.A.
B00168221	1.74	35.8	13.4
B00168222	N.A.	N.A.	N.A.
B00168223	N.A.	N.A.	N.A.
B00168224	N.A.	N.A.	N.A.
B00168225	N.A.	N.A.	N.A.
B00168226	N.A.	N.A.	N.A.
B00168227	N.A.	N.A.	N.A.
*Rep B00168221	1.69	35.2	
*Rep B00168221			13.7

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Certificate of Analysis
Work Order : SU1800528
[Report File No.: 0000015573]

Date: June 22, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
Project No.: SUDBURY_2_0
Samples: 5
Received: May 28, 2018
Pages: Page 1 to 11
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
5	SHIP	Shipping
5	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
5	G_WGH79	Weighing of samples and reporting of weights
5	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
5	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
5	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles
5	GO_XRF76V	@Ore grade Borate fusion, XRF (0.5g plus 1g LOI)
5	GE_CSA06V	@Exploration grade 0.005 - 30% S & C by IR Combustion
5	GE_CVA20A	Hg 5 - 100000 ppb Cold vapour AAS 0.15g-25ml
5	GE_FAM313	30 g, Fire assay, ICP-MS finish - New Pots

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site

Certified By :

Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element	WtKg	@Al	@Ba	@Be	@Ca	@Cr	@Cu	@Fe
Method	G_WGH79	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.001	0.01	10	5	0.1	10	10	0.01
Units	kg	%	ppm	ppm	%	ppm	ppm	%
B00168236	0.798	7.48	204	<5	6.4	125	140	8.08
B00168237	0.557	7.54	146	<5	5.4	116	102	9.01
B00168238	1.130	7.50	78	<5	7.1	83	127	8.11
B00168239	0.319	6.72	74	<5	5.3	100	108	7.52
B00168240	0.604	7.38	84	<5	6.8	83	143	8.18
*Rep B00168240		7.40	86	<5	6.8	87	140	8.14

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Element Method	@K GE_ICM90A	@Li GE_ICM90A	@Mg GE_ICM90A	@Mn GE_ICM90A	@Ni GE_ICM90A	@P GE_ICM90A	@Sc GE_ICM90A	Si GE_ICM90A
Det.Lim.	0.1	10	0.01	10	5	0.01	5	0.1
Units	%	ppm	%	ppm	ppm	%	ppm	%
B00168236	0.8	19	4.58	1590	128	0.03	37	23.2
B00168237	0.5	29	4.80	1617	123	0.03	38	22.8
B00168238	0.1	41	4.14	1415	108	0.03	37	23.2
B00168239	0.5	57	4.51	1586	122	0.02	35	22.0
B00168240	0.3	29	4.10	1370	100	0.03	36	23.5
*Rep B00168240	0.3	29	4.09	1378	102	0.03	37	23.6

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Element Method Det.Lim. Units	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm
B00168236	177	0.48	253	79	<1	12	0.2	<0.2
B00168237	162	0.51	260	88	<1	7	0.2	<0.2
B00168238	266	0.51	263	81	<1	9	0.3	<0.2
B00168239	314	0.36	218	75	<1	<5	0.5	<0.2
B00168240	471	0.51	254	68	<1	<5	0.3	<0.2
*Rep B00168240	469	0.51	253	68	<1	6	0.3	<0.2

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Element Method Det.Lim. Units	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm
B00168236	13.1	51.6	0.6	2.95	1.71	0.73	15	2.68
B00168237	14.9	44.4	0.4	3.10	1.74	0.71	16	2.80
B00168238	20.4	47.7	0.2	3.35	1.97	0.89	20	3.30
B00168239	12.2	45.1	3.5	2.13	1.32	0.64	15	2.15
B00168240	15.5	50.9	0.4	3.20	1.78	0.88	17	2.98
*Rep B00168240	15.6	49.8	0.4	3.25	1.85	0.83	16	2.97

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Element Method Det.Lim. Units	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm
B00168236	2	1	0.57	<0.2	5.9	0.24	<2	2
B00168237	2	2	0.61	<0.2	6.6	0.25	<2	2
B00168238	2	2	0.67	<0.2	9.7	0.28	<2	2
B00168239	1	1	0.42	<0.2	6.0	0.20	<2	2
B00168240	2	2	0.62	<0.2	7.1	0.26	<2	2
*Rep B00168240	2	2	0.61	<0.2	7.0	0.29	<2	2

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Element Method Det.Lim. Units	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm
B00168236	7.8	<5	1.75	42.7	1.2	2.3	<1	<0.5
B00168237	8.9	<5	1.93	18.8	1.5	2.3	<1	<0.5
B00168238	11.3	6	2.56	3.8	1.4	3.0	<1	<0.5
B00168239	6.7	20	1.51	36.7	0.3	1.8	<1	<0.5
B00168240	9.1	5	1.99	10.4	0.8	2.5	<1	<0.5
*Rep B00168240	8.9	5	2.06	10.1	0.9	2.4	<1	<0.5

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Element Method Det.Lim. Units	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm	@W GE_ICM90A 1 ppm	@Y GE_ICM90A 0.5 ppm	@Yb GE_ICM90A 0.1 ppm
B00168236	0.43	1.5	<0.5	0.23	0.46	<1	14.5	1.5
B00168237	0.46	1.6	<0.5	0.24	0.89	<1	15.2	1.6
B00168238	0.53	1.7	<0.5	0.27	1.50	<1	16.5	1.8
B00168239	0.34	1.3	<0.5	0.18	0.59	<1	10.4	1.2
B00168240	0.47	1.7	<0.5	0.25	0.55	<1	15.6	1.6
*Rep B00168240	0.47	1.7	<0.5	0.26	0.57	<1	15.6	1.7

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Element Method Det.Lim. Units	@Zr GE_ICM90A 0.5 ppm	Se GE_ICM90A 0.2 ppm	Te GE_ICM90A 1 ppm	@LOI GO_XRF76V -10.000 %	@SiO2 GO_XRF76V 0.01 %	@Al2O3 GO_XRF76V 0.01 %	@Fe2O3 GO_XRF76V 0.01 %	@MgO GO_XRF76V 0.01 %
B00168236	53.3	0.5	2	2.90	50.7	14.0	11.7	7.66
B00168237	57.6	0.5	2	3.68	49.6	14.1	12.9	7.99
B00168238	57.8	0.3	3	2.62	51.0	14.2	11.8	7.02
B00168239	41.7	0.6	3	9.68	47.8	12.8	11.0	7.59
B00168240	59.3	0.8	5	3.36	50.4	13.7	11.7	6.75
*Rep B00168240	59.1	1.2	4					
*Rep B00168237				3.66	49.7	14.1	12.9	7.99

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Element Method Det.Lim. Units	@CaO GO_XRF76V 0.01 %	@K2O GO_XRF76V 0.01 %	@Na2O GO_XRF76V 0.01 %	@TiO2 GO_XRF76V 0.01 %	@MnO GO_XRF76V 0.01 %	@P2O5 GO_XRF76V 0.01 %	@Cr2O3 GO_XRF76V 0.01 %	@V2O5 GO_XRF76V 0.01 %
B00168236	8.79	0.94	1.93	0.78	0.20	0.07	0.02	0.04
B00168237	7.52	0.63	1.80	0.81	0.20	0.06	0.02	0.04
B00168238	9.86	0.15	2.06	0.84	0.18	0.07	0.02	0.05
B00168239	7.38	0.61	2.36	0.60	0.20	0.05	0.02	0.04
B00168240	9.28	0.33	2.11	0.82	0.17	0.07	<0.01	0.05
*Rep B00168237	7.51	0.63	1.78	0.81	0.21	0.07	0.02	0.05

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Element Method Det.Lim. Units	Sum GO_XRF76V 0 %	@C GE_CSA06V 0.005 %	@S GE_CSA06V 0.005 %	@Hg GE_CVA20A 0.005 ppm	Au GE_FAM313 1 ppb	Pt GE_FAM313 0.5 ppb	Pd GE_FAM313 0.5 ppb
B00168236	99.7	0.084	0.071	0.007	3	11.7	12.6
B00168237	99.3	0.112	0.032	0.014	2	10.5	10.3
B00168238	99.8	0.032	0.043	0.008	2	10.1	11.0
B00168239	100.1	1.61	0.038	<0.005	5	53.0	39.7
B00168240	98.7	0.181	0.084	<0.005	2	8.9	6.8
*Rep B00168237		0.109	0.031				
*Rep B00168236					3	11.4	12.1
*Rep B00168239					5	54.9	40.5
*Rep B00168237				0.015			
*Rep B00168237	99.5						

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Certificate of Analysis
Work Order : SU1800532
[Report File No.: 0000015485]

Date: June 15, 2018

To: Wesley Whymark
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
Project No.: SUDBURY_2_0
Samples: 8
Received: May 31, 2018
Pages: Page 1 to 9
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
8	SHIP	Shipping
8	G_WGH79	Weighing of samples and reporting of weights
8	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
8	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
8	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
8	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
8	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au GE_FAI525 ppb	Pt GE_FAI525 ppb	Pd GE_FAI525 ppb	@Al GE_ICM90A %	@Ba GE_ICM90A ppm	@Be GE_ICM90A ppm	@Ca GE_ICM90A %
B00168228	1.277	59	<10	<5	7.00	365	<5	0.3
B00168229	0.391	<5	<10	<5	4.34	23	<5	0.1
B00168230	1.385	<5	<10	<5	4.25	19	<5	0.2
B00168231	0.643	<5	<10	<5	7.27	673	<5	0.3
B00168232	1.993	96	10	11	7.82	72	<5	6.5
B00168233	0.488	<5	<10	<5	5.21	748	<5	<0.1
B00168234	1.160	<5	<10	<5	7.30	48	<5	3.1
B00168235	0.747	<5	<10	<5	7.53	250	<5	2.9
*Rep B00168228		59	<10	<5				
*Rep B00168235					7.52	256	<5	2.9

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Element Method Det.Lim. Units	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	10	10	0.01	0.1	10	0.01	10	5
	ppm	ppm	%	%	ppm	%	ppm	ppm
B00168228	<10	155	19.5	1.6	25	4.45	538	52
B00168229	46	<10	2.58	<0.1	28	1.95	103	95
B00168230	48	13	1.90	<0.1	15	1.26	120	58
B00168231	105	174	4.69	2.9	25	1.49	281	68
B00168232	116	473	8.43	0.1	41	3.40	1350	146
B00168233	39	<10	1.40	3.2	<10	0.24	108	25
B00168234	92	27	9.58	0.9	47	4.01	1160	61
B00168235	87	929	9.58	1.1	45	3.82	888	65
*Rep B00168235	88	915	9.63	1.1	43	3.82	903	63

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Element Method Det.Lim. Units	@P	@Sc	Si	@Sr	@Ti	@V	@Zn	@Ag
	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 0.1 %	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 5 ppm	GE_ICM90A 1 ppm
B00168228	0.08	19	19.9	31	0.66	161	179	<1
B00168229	0.03	7	>30.0	18	0.05	93	11	<1
B00168230	0.02	8	>30.0	22	0.05	56	<5	<1
B00168231	0.05	11	>30.0	50	0.27	85	26	<1
B00168232	0.04	36	24.4	325	0.52	262	75	<1
B00168233	<0.01	<5	>30.0	58	0.06	21	<5	<1
B00168234	0.07	35	22.7	99	0.73	258	63	<1
B00168235	0.06	36	23.5	124	0.72	276	63	<1
*Rep B00168235	0.06	37	23.4	124	0.73	278	61	<1

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Element Method Det.Lim. Units	@As	@Bi	@Cd	@Ce	@Co	@Cs	@Dy	@Er
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	5	0.1	0.2	0.1	0.5	0.1	0.05	0.05
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00168228	11	0.1	<0.2	33.0	25.6	19.6	2.19	1.66
B00168229	<5	<0.1	<0.2	14.2	7.8	0.6	2.61	1.37
B00168230	<5	<0.1	<0.2	12.6	4.0	0.4	1.42	0.70
B00168231	<5	0.3	<0.2	31.8	35.0	5.8	2.19	1.26
B00168232	20	0.4	<0.2	45.0	47.3	0.4	4.41	2.25
B00168233	<5	0.4	<0.2	9.9	14.1	2.6	0.56	0.37
B00168234	<5	0.4	<0.2	29.8	75.8	0.5	3.93	2.31
B00168235	<5	0.3	<0.2	32.0	41.5	1.0	3.90	2.13
*Rep B00168235	<5	0.7	<0.2	31.2	42.5	1.1	3.84	2.17

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168228	1.16	17	2.42	8	4	0.49	<0.2	16.8
B00168229	0.55	19	2.60	1	1	0.49	<0.2	5.4
B00168230	0.44	14	1.66	<1	1	0.27	<0.2	4.8
B00168231	0.63	18	2.51	1	4	0.43	<0.2	16.1
B00168232	1.34	25	4.54	2	2	0.87	<0.2	21.7
B00168233	0.17	12	0.55	<1	2	0.12	<0.2	5.2
B00168234	0.93	18	3.66	1	3	0.79	<0.2	14.7
B00168235	1.06	17	4.04	1	3	0.79	<0.2	15.1
*Rep B00168235	1.09	17	3.82	1	3	0.81	<0.2	15.0

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168228	0.31	<2	6	14.8	9	3.86	93.5	3.1
B00168229	0.26	<2	2	8.2	<5	1.88	3.4	0.5
B00168230	0.12	2	2	7.3	<5	1.69	1.9	0.5
B00168231	0.23	2	7	13.6	<5	3.58	181	0.5
B00168232	0.29	<2	3	20.0	18	5.20	2.5	2.7
B00168233	0.06	<2	2	3.8	<5	1.09	135	0.3
B00168234	0.33	<2	9	14.6	7	3.62	7.4	0.7
B00168235	0.33	<2	9	16.2	<5	4.00	46.5	0.6
*Rep B00168235	0.34	<2	9	16.3	<5	3.88	46.2	0.6

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168228	2.8	<1	<0.5	0.33	7.8	0.9	0.26	1.10
B00168229	2.0	<1	<0.5	0.41	3.8	<0.5	0.20	1.17
B00168230	1.5	<1	<0.5	0.23	3.8	<0.5	0.11	1.33
B00168231	2.7	1	0.6	0.38	11.0	0.9	0.20	4.11
B00168232	4.5	1	<0.5	0.72	2.1	<0.5	0.35	40.2
B00168233	0.6	<1	<0.5	0.09	4.9	0.7	0.06	1.09
B00168234	3.2	<1	0.5	0.59	2.6	<0.5	0.34	2.26
B00168235	3.7	1	<0.5	0.63	2.7	<0.5	0.33	1.16
*Rep B00168235	3.6	<1	<0.5	0.59	2.5	<0.5	0.33	1.16

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Element Method Det.Lim. Units	@W	@Y	@Yb	@Zr
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	1	0.5	0.1	0.5
	ppm	ppm	ppm	ppm
B00168228	<1	14.1	1.8	166
B00168229	<1	14.7	1.3	39.8
B00168230	<1	7.8	0.7	40.0
B00168231	<1	12.0	1.5	141
B00168232	<1	18.6	2.1	62.1
B00168233	<1	3.3	0.4	60.7
B00168234	<1	19.4	2.1	98.6
B00168235	<1	19.0	2.1	97.1
*Rep B00168235	<1	18.8	2.1	95.7

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Certificate of Analysis
Work Order : SU1800533
[Report File No.: 0000015372]

Date: June 08, 2018

To: Wesley Whymark
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
Project No.: SUDBURY_2_0
Samples: 3
Received: May 31, 2018
Pages: Page 1 to 9
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
3	SHIP	Shipping
3	G_WGH79	Weighing of samples and reporting of weights
3	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
3	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
3	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
3	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
3	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method	WtKg	Au	Pt	Pd	@Al	@Ba	@Be	@Ca
Det.Lim.	G_WGH79	GE_FAI525	GE_FAI525	GE_FAI525	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Units	0.001	5	10	5	0.01	10	5	0.1
	kg	ppb	ppb	ppb	%	ppm	ppm	%
B00168241	0.800	22	11	11	6.64	405	<5	5.2
B00168242	0.554	<5	<10	<5	0.51	67	<5	<0.1
B00168243	1.729	25	<10	13	1.27	132	<5	<0.1
*Rep B00168241		18	11	11				
*Rep B00168243					1.27	129	<5	<0.1

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Element	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	10	10	0.01	0.1	10	0.01	10	5
Units	ppm	ppm	%	%	ppm	%	ppm	ppm
B00168241	190	1073	7.64	2.9	27	3.89	1405	103
B00168242	68	11	1.58	0.3	<10	0.05	350	20
B00168243	78	2561	2.64	0.7	<10	0.11	96	30
*Rep B00168243	81	2535	2.66	0.7	<10	0.10	97	33

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Element Method Det.Lim. Units	@P	@Sc	Si	@Sr	@Ti	@V	@Zn	@Ag
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	0.01	5	0.1	10	0.01	5	5	1
	%	ppm	%	ppm	%	ppm	ppm	ppm
B00168241	0.02	33	20.5	286	0.30	191	89	<1
B00168242	<0.01	<5	>30.0	10	0.01	9	<5	<1
B00168243	<0.01	<5	>30.0	11	0.04	24	<5	<1
*Rep B00168243	<0.01	<5	>30.0	11	0.04	26	<5	<1

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Element	@As	@Bi	@Cd	@Ce	@Co	@Cs	@Dy	@Er
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	5	0.1	0.2	0.1	0.5	0.1	0.05	0.05
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00168241	<5	2.2	<0.2	17.6	49.8	3.7	3.38	1.89
B00168242	6	0.3	<0.2	5.2	3.8	0.7	0.27	0.14
B00168243	24	0.5	<0.2	1.0	7.3	0.9	0.47	0.24
*Rep B00168243	23	0.5	<0.2	0.9	7.4	0.7	0.56	0.34

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168241	0.77	14	2.88	1	1	0.66	<0.2	8.6
B00168242	0.11	1	0.26	<1	<1	0.05	<0.2	2.6
B00168243	0.07	3	0.26	<1	<1	0.08	<0.2	0.5
*Rep B00168243	0.09	3	0.35	<1	<1	0.12	<0.2	0.4

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168241	0.30	<2	1	9.2	<5	2.23	150	0.5
B00168242	<0.05	4	<1	1.8	<5	0.53	12.5	0.3
B00168243	<0.05	3	<1	0.5	<5	0.12	42.2	0.3
*Rep B00168243	<0.05	4	<1	0.4	<5	0.12	42.7	0.5

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168241	2.5	<1	<0.5	0.50	1.5	0.8	0.28	1.25
B00168242	0.3	<1	<0.5	<0.05	0.6	<0.5	<0.05	0.82
B00168243	0.2	<1	<0.5	0.05	0.3	<0.5	<0.05	1.85
*Rep B00168243	0.1	<1	<0.5	0.08	0.3	<0.5	<0.05	1.99

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Element	@W	@Y	@Yb	@Zr
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	1	0.5	0.1	0.5
Units	ppm	ppm	ppm	ppm
B00168241	<1	18.5	1.8	41.1
B00168242	<1	1.3	0.2	9.2
B00168243	<1	2.4	0.2	9.7
*Rep B00168243	<1	3.1	0.2	9.8

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Certificate of Analysis
Work Order : SU1800539
[Report File No.: 0000015526]

Date: June 20, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
Project No.: SUDBURY_2_0
Samples: 13
Received: Jun 4, 2018
Pages: Page 1 to 9
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
13	SHIP	Shipping
13	G_WGH79	Weighing of samples and reporting of weights
13	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
13	G_PUL46	Pulverize 500g, Cr steel, 75 microns, 85% passing
13	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
13	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
13	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
13	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site
Replicate/Duplicate results outside acceptance criteria due to high probability of coarse gold

Certified By :

Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au GE_FAI525 ppb	Pt GE_FAI525 ppb	Pd GE_FAI525 ppb	@Al GE_ICM90A %	@Ba GE_ICM90A ppm	@Be GE_ICM90A ppm	@Ca GE_ICM90A %
B00168244	0.981	69	<10	<5	7.50	1284	<5	<0.1
B00168245	2.131	12	<10	16	0.27	46	<5	0.1
B00168246	2.271	12	<10	5	6.43	569	<5	3.5
B00168247	3.553	89	<10	<5	4.83	390	<5	1.6
B00168248	7.203	6	<10	7	5.90	471	<5	3.0
B00168249	3.766	13	<10	<5	5.34	304	<5	1.8
B00168250	3.615	<5	<10	<5	8.60	507	<5	0.9
B00168251	4.151	33	<10	<5	5.09	347	<5	0.6
B00168252	3.756	<5	<10	<5	4.39	331	<5	0.9
B00168253	0.822	<5	<10	<5	7.07	329	<5	4.8
B00168254	0.699	<5	<10	<5	8.95	52	<5	<0.1
B00168255	0.132	109	<10	<5	0.40	34	<5	<0.1
B00168256	2.028	<5	<10	<5	2.66	164	<5	5.7
*Rep B00168244		120	<10	<5				
*Rep B00168256					2.67	165	<5	5.8

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Element Method Det.Lim. Units	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
	GE_ICM90A 10 ppm	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 0.1 %	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 10 ppm	GE_ICM90A 5 ppm
B00168244	120	47	3.96	4.1	32	0.75	85	52
B00168245	59	925	1.66	0.1	<10	0.09	100	27
B00168246	151	387	3.05	3.7	<10	2.11	555	59
B00168247	60	2471	2.26	2.4	<10	0.88	496	30
B00168248	125	42	4.10	3.0	15	2.43	799	71
B00168249	53	27	1.71	2.1	<10	0.99	527	31
B00168250	100	45	2.20	3.4	<10	1.01	380	42
B00168251	46	1592	1.65	2.4	<10	0.52	227	23
B00168252	26	174	1.53	2.1	<10	0.65	233	22
B00168253	71	224	8.51	0.5	22	2.92	1672	60
B00168254	19	<10	0.45	0.6	<10	0.04	50	13
B00168255	<10	<10	>25.0	<0.1	<10	0.12	3823	17
B00168256	55	49	3.91	1.3	<10	2.93	1602	76
*Rep B00168256	54	46	3.91	1.3	<10	2.96	1620	74

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Element Method Det.Lim. Units	@P	@Sc	Si	@Sr	@Ti	@V	@Zn	@Ag
	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 0.1 %	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 5 ppm	GE_ICM90A 1 ppm
B00168244	0.02	11	>30.0	29	0.31	78	23	4
B00168245	<0.01	<5	>30.0	<10	0.02	6	<5	<1
B00168246	0.02	21	27.7	147	0.22	132	20	<1
B00168247	<0.01	<5	>30.0	108	0.07	29	16	<1
B00168248	0.02	20	27.3	167	0.21	125	40	<1
B00168249	0.03	<5	>30.0	137	0.10	21	8	<1
B00168250	0.02	8	30.0	107	0.18	42	16	<1
B00168251	<0.01	<5	>30.0	54	0.06	16	5	<1
B00168252	<0.01	<5	>30.0	90	0.03	31	10	<1
B00168253	0.34	24	22.8	412	1.81	269	112	<1
B00168254	0.02	<5	>30.0	93	0.06	<5	<5	<1
B00168255	0.02	<5	2.2	<10	0.02	<5	58	<1
B00168256	0.02	5	27.7	211	0.04	40	23	<1
*Rep B00168256	0.01	5	27.1	215	0.04	40	23	<1

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Element Method Det.Lim. Units	@As	@Bi	@Cd	@Ce	@Co	@Cs	@Dy	@Er
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	5	0.1	0.2	0.1	0.5	0.1	0.05	0.05
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00168244	91	6.0	<0.2	39.9	44.4	9.0	2.39	1.41
B00168245	22	0.9	<0.2	27.5	6.5	0.3	0.46	0.11
B00168246	16	<0.1	<0.2	14.7	13.5	3.4	1.53	1.00
B00168247	<5	10.4	<0.2	17.3	11.0	2.4	0.93	0.49
B00168248	<5	0.1	<0.2	14.8	19.8	3.4	1.53	0.87
B00168249	<5	0.1	<0.2	255	3.6	2.3	2.95	0.91
B00168250	<5	0.1	<0.2	356	7.8	3.7	7.81	3.25
B00168251	<5	6.5	<0.2	18.8	8.9	2.2	0.92	0.42
B00168252	<5	0.7	<0.2	19.3	6.6	2.2	0.50	0.24
B00168253	10	0.1	<0.2	86.6	39.9	0.6	6.56	2.78
B00168254	<5	<0.1	<0.2	6.7	<0.5	0.7	1.22	0.68
B00168255	48	0.1	<0.2	3.1	42.8	0.2	0.28	0.25
B00168256	<5	0.1	<0.2	3.1	15.2	1.7	1.50	0.98
*Rep B00168256	<5	0.2	<0.2	3.1	14.6	1.7	1.38	0.91

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168244	0.63	19	2.57	2	5	0.47	<0.2	20.1
B00168245	0.55	<1	1.20	<1	<1	0.06	<0.2	14.2
B00168246	0.39	13	1.53	1	1	0.33	<0.2	7.5
B00168247	0.35	9	1.04	<1	1	0.18	<0.2	9.1
B00168248	0.47	12	1.51	1	1	0.33	<0.2	7.7
B00168249	2.78	9	7.16	<1	1	0.44	<0.2	136
B00168250	4.36	14	12.2	<1	2	1.35	<0.2	192
B00168251	0.37	9	1.14	<1	1	0.18	<0.2	9.9
B00168252	0.32	8	0.92	<1	1	0.09	<0.2	10.3
B00168253	2.88	19	8.14	1	5	1.19	<0.2	37.7
B00168254	0.18	16	0.85	<1	1	0.27	<0.2	3.6
B00168255	0.16	2	0.31	<1	<1	0.08	<0.2	2.1
B00168256	0.46	6	1.15	<1	<1	0.33	<0.2	1.5
*Rep B00168256	0.48	6	1.08	<1	<1	0.29	<0.2	1.4

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168244	0.24	3	9	15.6	423	4.27	191	14.3
B00168245	<0.05	3	<1	11.5	<5	3.08	8.8	0.3
B00168246	0.17	2	2	6.7	<5	1.73	181	0.5
B00168247	0.09	13	1	6.5	<5	1.85	114	0.2
B00168248	0.16	<2	1	6.8	<5	1.70	163	0.3
B00168249	0.11	<2	1	97.3	<5	28.1	94.5	0.4
B00168250	0.29	<2	2	135	<5	39.3	160	0.4
B00168251	0.09	5	1	7.4	<5	2.10	93.7	0.3
B00168252	0.06	4	<1	8.2	<5	2.22	106	0.2
B00168253	0.35	<2	43	45.9	7	10.9	14.3	0.6
B00168254	0.13	<2	2	2.5	7	0.72	8.3	0.1
B00168255	0.06	<2	<1	1.2	23	0.33	0.5	1.8
B00168256	0.15	<2	<1	1.8	<5	0.40	65.0	0.3
*Rep B00168256	0.14	<2	<1	1.9	<5	0.37	64.4	0.3

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168244	3.2	3	0.9	0.40	13.3	1.3	0.23	5.08
B00168245	2.1	9	<0.5	0.11	0.5	<0.5	<0.05	1.16
B00168246	1.5	2	<0.5	0.22	2.8	1.1	0.13	1.08
B00168247	1.1	3	<0.5	0.15	3.2	0.6	0.07	1.05
B00168248	1.5	1	<0.5	0.24	2.2	1.0	0.14	0.97
B00168249	14.0	1	<0.5	0.71	4.8	0.5	0.13	0.92
B00168250	20.7	3	<0.5	1.51	6.2	0.9	0.43	1.22
B00168251	1.3	<1	<0.5	0.17	3.2	<0.5	0.06	1.24
B00168252	1.4	<1	<0.5	0.09	3.1	0.6	<0.05	0.79
B00168253	9.5	2	2.7	1.17	4.1	<0.5	0.38	1.54
B00168254	0.5	<1	<0.5	0.17	3.2	<0.5	0.09	0.49
B00168255	0.2	<1	<0.5	<0.05	0.3	<0.5	<0.05	0.28
B00168256	0.7	<1	<0.5	0.22	<0.1	<0.5	0.13	0.59
*Rep B00168256	0.6	<1	<0.5	0.21	<0.1	<0.5	0.13	0.55

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Element Method Det.Lim. Units	@W	@Y	@Yb	@Zr
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	1	0.5	0.1	0.5
	ppm	ppm	ppm	ppm
B00168244	3	12.5	1.4	162
B00168245	<1	1.4	<0.1	6.6
B00168246	<1	8.3	0.9	52.9
B00168247	<1	4.6	0.5	43.0
B00168248	<1	8.2	0.9	48.5
B00168249	<1	10.0	0.7	56.9
B00168250	<1	34.5	2.4	62.7
B00168251	<1	4.5	0.4	49.6
B00168252	<1	2.1	0.2	40.7
B00168253	<1	28.3	2.4	208
B00168254	<1	7.3	0.6	51.0
B00168255	<1	3.9	0.2	10.9
B00168256	<1	7.9	0.8	4.8
*Rep B00168256	<1	7.5	0.8	5.3

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Certificate of Analysis
Work Order : SU1800540
[Report File No.: 0000015688]

Date: June 28, 2018

To: Wesley Whymark
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
Project No.: SUDBURY_2_0
Samples: 6
Received: Jun 4, 2018
Pages: Page 1 to 12
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
6	SHIP	Shipping
6	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
6	G_WGH79	Weighing of samples and reporting of weights
6	G_PUL45	Pulverize 250g, Cr steel, 75 microns, 85% passing
6	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
6	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
6	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles
6	GO_XRF76V	@Ore grade Borate fusion, XRF (0.5g plus 1g LOI)
6	GE_CSA06V	@Exploration grade 0.005 - 30% S & C by IR Combustion
6	GE_CVA20A	Hg 5 - 100000 ppb Cold vapour AAS 0.15g-25ml
6	GE_FAM313	30 g, Fire assay, ICP-MS finish - New Pots

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site

Certified By : _____

Brett Pipher
Project Coordinator

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Element	WtKg	@Al	@Ba	@Be	@Ca	@Cr	@Cu	@Fe
Method	G_WGH79	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.001	0.01	10	5	0.1	10	10	0.01
Units	kg	%	ppm	ppm	%	ppm	ppm	%
B00168257	2.150	7.46	80	<5	2.9	174	<10	8.22
B00168258	1.425	7.02	215	<5	7.4	76	75	10.8
B00168259	0.846	7.05	319	<5	7.3	81	45	10.7
B00168260	0.856	7.15	266	<5	7.7	77	43	11.1
B00168261	1.636	7.19	145	<5	7.9	75	88	10.9
B00168262	0.909	3.58	378	<5	0.3	26	<10	1.24
*Rep B00168262		3.59	388	<5	0.3	37	<10	1.23

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Element Method Det.Lim. Units	@K	@Li	@Mg	@Mn	@Ni	@P	@Sc	Si
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	0.1	10	0.01	10	5	0.01	5	0.1
	%	ppm	%	ppm	ppm	%	ppm	%
B00168257	0.5	32	4.27	1190	109	0.03	37	22.7
B00168258	0.5	28	3.57	1690	65	0.38	28	20.4
B00168259	0.7	28	3.63	1695	69	0.36	28	20.5
B00168260	0.7	27	3.69	1677	71	0.34	29	20.0
B00168261	0.3	22	3.67	1839	62	0.37	28	20.7
B00168262	2.8	<10	0.25	98	22	0.01	<5	>30.0
*Rep B00168262	2.7	<10	0.24	96	23	0.01	<5	>30.0

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Element Method Det.Lim. Units	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm
B00168257	130	0.35	222	46	<1	<5	<0.1	<0.2
B00168258	805	2.03	319	130	<1	<5	<0.1	<0.2
B00168259	734	2.01	315	183	<1	8	0.1	<0.2
B00168260	781	2.07	351	127	<1	12	<0.1	<0.2
B00168261	739	2.07	323	144	<1	18	<0.1	<0.2
B00168262	43	0.03	7	7	<1	<5	0.2	<0.2
*Rep B00168262	44	0.03	7	6	<1	<5	0.1	<0.2

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Element Method Det.Lim. Units	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm
B00168257	17.6	34.3	0.6	2.45	1.45	0.67	15	2.39
B00168258	121	51.9	3.7	7.04	3.11	3.81	20	10.1
B00168259	111	48.1	5.4	6.56	2.93	3.51	20	9.44
B00168260	104	48.8	6.5	6.23	2.87	3.40	20	9.06
B00168261	111	50.8	1.0	6.45	2.94	3.44	19	9.37
B00168262	11.5	3.1	3.1	1.02	0.48	0.28	6	1.21
*Rep B00168262	11.5	3.1	3.0	1.07	0.45	0.29	6	1.34

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Element Method Det.Lim. Units	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm
B00168257	1	1	0.52	<0.2	9.0	0.22	<2	1
B00168258	2	6	1.27	<0.2	53.4	0.34	<2	48
B00168259	2	5	1.15	<0.2	48.8	0.34	<2	47
B00168260	1	5	1.13	<0.2	46.0	0.30	<2	44
B00168261	2	5	1.13	<0.2	48.8	0.34	<2	47
B00168262	<1	1	0.16	<0.2	6.6	0.06	<2	<1
*Rep B00168262	<1	1	0.20	<0.2	6.8	0.07	<2	<1

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Element Method Det.Lim. Units	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm
B00168257	8.1	<5	2.07	18.2	0.4	2.1	<1	<0.5
B00168258	64.7	8	15.4	30.8	0.5	12.2	1	3.0
B00168259	59.8	11	14.1	47.9	0.4	11.4	1	2.9
B00168260	56.5	8	13.6	52.8	0.4	11.1	1	2.7
B00168261	59.0	12	14.1	10.0	0.5	11.1	2	2.8
B00168262	5.3	7	1.35	72.2	0.3	1.1	<1	<0.5
*Rep B00168262	5.3	7	1.39	75.3	0.3	1.3	<1	<0.5

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Element Method Det.Lim. Units	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm	@W GE_ICM90A 1 ppm	@Y GE_ICM90A 0.5 ppm	@Yb GE_ICM90A 0.1 ppm
B00168257	0.39	1.6	<0.5	0.22	0.97	<1	12.2	1.5
B00168258	1.28	4.1	<0.5	0.40	0.91	<1	30.2	2.4
B00168259	1.22	4.0	<0.5	0.38	1.11	<1	28.1	2.3
B00168260	1.16	3.6	<0.5	0.38	0.87	<1	27.1	2.2
B00168261	1.19	3.8	<0.5	0.36	0.97	<1	28.8	2.2
B00168262	0.19	3.3	<0.5	0.06	1.17	<1	5.6	0.4
*Rep B00168262	0.20	3.4	<0.5	0.07	1.20	<1	5.8	0.4

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Element Method Det.Lim. Units	@Zr GE_ICM90A 0.5 ppm	Se GE_ICM90A 0.2 ppm	Te GE_ICM90A 1 ppm	@LOI GO_XRF76V -10.000 %	@SiO2 GO_XRF76V 0.01 %	@Al2O3 GO_XRF76V 0.01 %	@Fe2O3 GO_XRF76V 0.01 %	@MgO GO_XRF76V 0.01 %
B00168257	46.7	0.6	4	7.60	49.4	14.1	11.9	7.07
B00168258	223	1.2	3	2.74	43.9	13.5	15.3	5.98
B00168259	218	1.1	5	2.84	44.1	13.4	15.2	6.12
B00168260	205	0.6	4	2.72	42.9	13.4	15.8	6.09
B00168261	220	1.1	6	2.65	43.9	13.4	15.3	6.05
B00168262	43.7	0.6	3	1.13	85.4	6.86	1.78	0.42
*Rep B00168262	42.9	0.5	2					
*Rep B00168258				2.74	43.9	13.5	15.4	5.99

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Element	@CaO	@K2O	@Na2O	@TiO2	@MnO	@P2O5	@Cr2O3	@V2O5
Method	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Units	%	%	%	%	%	%	%	%
B00168257	4.08	0.62	3.88	0.60	0.15	0.06	0.02	0.03
B00168258	10.4	0.59	2.77	3.38	0.21	0.81	<0.01	0.05
B00168259	10.3	0.83	2.66	3.33	0.22	0.79	0.01	0.05
B00168260	10.8	0.78	2.42	3.43	0.22	0.75	0.01	0.06
B00168261	10.9	0.30	2.75	3.39	0.23	0.79	<0.01	0.06
B00168262	0.33	3.34	0.99	0.05	0.01	0.02	<0.01	<0.01
*Rep B00168258	10.4	0.60	2.73	3.39	0.22	0.80	0.01	0.05

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Element Method Det.Lim. Units	Sum GO_XRF76V	@C GE_CSA06V	@S GE_CSA06V	@Hg GE_CVA20A	Au GE_FAM313	Pt GE_FAM313	Pd GE_FAM313
	0	0.005	0.005	0.005	1	0.5	0.5
	%	%	%	ppm	ppb	ppb	ppb
B00168257	99.6	1.37	<0.005	<0.005	1	12.6	11.2
B00168258	99.6	0.037	0.170	<0.005	<1	<0.5	0.6
B00168259	99.8	0.087	0.152	<0.005	<1	0.6	0.8
B00168260	99.4	0.050	0.137	<0.005	<1	0.6	0.7
B00168261	99.8	0.053	0.159	<0.005	<1	<0.5	0.5
B00168262	100.3	0.110	<0.005	<0.005	<1	<0.5	<0.5
*Rep B00168259		0.083	0.144				
*Rep B00168258				<0.005			
*Rep B00168261					<1	<0.5	0.6
*Rep B00168258	99.7						

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Certificate of Analysis
Work Order : SU1800621
[Report File No.: 0000015660]

Date: June 28, 2018

To: Wesley Whymark
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
Project No.: SUDBURY_2_0
Samples: 19
Received: Jun 15, 2018
Pages: Page 1 to 9
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
19	SHIP	Shipping
19	G_WGH79	Weighing of samples and reporting of weights
19	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
19	G_PUL46	Pulverize 500g, Cr steel, 75 microns, 85% passing
19	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
19	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
19	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
19	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site

Certified By :

Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	Au GE_FAI525 5 ppb	Pt GE_FAI525 10 ppb	Pd GE_FAI525 5 ppb	@Al GE_ICM90A 0.01 %	@Ba GE_ICM90A 10 ppm	@Be GE_ICM90A 5 ppm	@Ca GE_ICM90A 0.1 %
B00168272	0.235	7	<10	<5	8.22	457	<5	1.8
B00168273	0.196	5	<10	<5	7.74	383	<5	1.8
B00168274	0.228	<5	11	7	9.08	813	<5	1.6
B00168275	0.224	8	<10	5	8.83	464	<5	1.5
B00168276	0.311	<5	<10	<5	8.33	699	<5	1.3
B00168277	0.128	5	<10	<5	8.93	691	<5	1.3
B00168278	0.299	<5	<10	<5	8.84	554	<5	1.2
B00168279	0.228	<5	<10	<5	8.53	631	<5	1.2
B00168280	0.350	<5	<10	<5	8.60	770	<5	1.2
B00168281	0.269	<5	<10	<5	8.26	530	<5	1.5
B00168282	0.236	<5	<10	<5	7.74	317	<5	1.3
B00168283	0.465	<5	<10	<5	8.66	513	<5	1.3
B00168284	0.275	<5	<10	<5	9.19	652	<5	1.2
B00168285	0.268	7	10	6	7.46	220	<5	2.1
B00168286	1.199	<5	<10	<5	4.04	153	<5	<0.1
B00168287	1.939	<5	<10	<5	8.18	70	<5	3.7
B00168288	1.556	<5	<10	<5	8.13	98	<5	4.2
B00168289	1.965	<5	<10	<5	6.62	837	<5	2.9
B00168290	0.437	<5	<10	<5	1.80	24	<5	<0.1
*Rep B00168278		<5	<10	<5				
*Rep B00168290					1.82	25	<5	<0.1

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Element Method Det.Lim. Units	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
	GE_ICM90A 10 ppm	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 0.1 %	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 10 ppm	GE_ICM90A 5 ppm
B00168272	182	98	6.24	1.6	41	2.58	1029	101
B00168273	134	142	4.83	1.1	30	1.91	765	76
B00168274	263	55	5.35	2.4	44	2.55	677	130
B00168275	278	100	5.59	1.5	40	2.73	750	168
B00168276	220	67	5.51	2.3	47	2.63	679	125
B00168277	235	64	4.82	1.8	43	2.40	625	127
B00168278	256	112	5.36	1.4	41	2.72	741	158
B00168279	237	89	5.41	1.7	43	2.71	712	138
B00168280	261	85	5.55	2.2	47	2.81	716	152
B00168281	223	63	5.40	1.8	46	2.89	782	139
B00168282	182	109	4.43	1.0	34	2.37	635	107
B00168283	221	39	5.83	1.6	55	3.32	819	138
B00168284	241	69	5.79	1.5	53	3.34	805	147
B00168285	215	88	4.38	0.7	34	2.32	610	93
B00168286	39	<10	1.31	2.0	<10	0.33	31	26
B00168287	21	13	2.60	1.4	13	2.74	1312	29
B00168288	32	<10	3.85	1.0	18	3.20	2525	38
B00168289	83	<10	8.48	3.1	24	2.54	1729	58
B00168290	52	<10	0.46	0.7	<10	0.03	48	19
*Rep B00168290	32	<10	0.47	0.7	<10	0.03	50	18

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Element Method Det.Lim. Units	@P	@Sc	Si	@Sr	@Ti	@V	@Zn	@Ag
	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 0.1 %	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 5 ppm	GE_ICM90A 1 ppm
B00168272	0.06	23	27.4	222	0.47	160	148	<1
B00168273	0.05	15	29.5	271	0.35	106	125	<1
B00168274	0.08	22	27.7	260	0.46	161	128	<1
B00168275	0.07	23	27.5	254	0.44	177	128	<1
B00168276	0.09	19	28.3	232	0.42	144	125	<1
B00168277	0.04	19	28.2	238	0.42	142	94	<1
B00168278	0.08	21	27.2	234	0.44	151	104	<1
B00168279	0.04	19	28.4	216	0.41	145	100	<1
B00168280	0.06	21	27.4	233	0.45	154	103	<1
B00168281	0.07	20	27.9	267	0.42	148	98	<1
B00168282	0.05	16	28.8	196	0.36	120	96	<1
B00168283	0.07	20	26.7	254	0.41	151	101	<1
B00168284	0.05	22	25.4	221	0.43	164	100	<1
B00168285	0.10	17	>30.0	231	0.37	116	71	<1
B00168286	0.03	8	>30.0	<10	0.16	55	10	<1
B00168287	0.04	11	24.5	134	0.07	43	18	<1
B00168288	<0.01	17	22.6	241	0.09	88	25	<1
B00168289	0.04	34	23.9	147	0.67	232	30	<1
B00168290	<0.01	<5	>30.0	11	0.03	13	<5	<1
*Rep B00168290	0.02	<5	>30.0	12	0.03	13	<5	<1

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Element Method Det.Lim. Units	@As	@Bi	@Cd	@Ce	@Co	@Cs	@Dy	@Er
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	5	0.1	0.2	0.1	0.5	0.1	0.05	0.05
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00168272	11	0.1	<0.2	49.4	31.2	4.0	2.87	1.55
B00168273	<5	0.2	<0.2	63.0	22.4	2.9	2.88	1.60
B00168274	19	0.1	<0.2	55.5	28.4	6.7	3.51	1.97
B00168275	17	0.2	<0.2	52.4	34.2	5.2	3.18	1.89
B00168276	14	0.2	<0.2	50.9	33.2	6.4	3.20	1.84
B00168277	12	0.1	<0.2	53.9	27.2	3.5	3.46	1.86
B00168278	23	0.2	<0.2	82.4	40.3	1.6	4.17	2.26
B00168279	11	0.2	<0.2	52.6	37.7	4.5	3.33	1.91
B00168280	<5	0.3	<0.2	56.8	36.7	5.2	3.43	1.91
B00168281	<5	0.2	<0.2	51.4	28.7	5.9	3.07	1.77
B00168282	<5	0.2	<0.2	42.7	30.2	3.0	3.10	1.92
B00168283	<5	0.2	<0.2	52.3	29.6	4.7	3.25	1.74
B00168284	<5	0.7	<0.2	52.9	32.6	3.7	3.33	1.82
B00168285	<5	0.3	<0.2	45.2	24.0	1.7	2.96	1.65
B00168286	<5	<0.1	<0.2	18.2	2.5	2.3	0.95	0.54
B00168287	<5	0.3	<0.2	136	49.8	0.6	2.36	0.80
B00168288	6	0.5	<0.2	72.1	49.3	0.8	1.49	0.53
B00168289	<5	<0.1	<0.2	29.7	11.6	5.4	3.69	2.09
B00168290	<5	<0.1	<0.2	10.2	0.8	0.4	0.40	0.21
*Rep B00168290	<5	<0.1	<0.2	9.1	0.9	0.4	0.41	0.23

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168272	1.02	19	3.41	1	3	0.55	0.7	23.6
B00168273	1.26	17	3.57	1	4	0.57	0.2	32.2
B00168274	1.20	21	4.03	1	4	0.71	0.2	27.0
B00168275	1.19	21	3.65	1	3	0.63	0.3	26.3
B00168276	1.12	20	3.54	1	4	0.64	<0.2	24.6
B00168277	1.19	21	3.79	1	3	0.67	<0.2	26.5
B00168278	1.35	22	5.15	2	4	0.80	<0.2	40.0
B00168279	1.08	21	3.48	2	4	0.65	<0.2	26.0
B00168280	1.17	22	3.80	1	4	0.65	<0.2	27.5
B00168281	1.24	20	3.56	1	3	0.61	0.3	25.3
B00168282	1.04	18	3.36	1	3	0.63	<0.2	20.7
B00168283	1.23	22	3.68	2	3	0.63	<0.2	25.6
B00168284	1.44	23	3.88	2	3	0.64	<0.2	25.4
B00168285	1.52	16	3.66	1	3	0.57	<0.2	23.0
B00168286	0.35	8	0.99	<1	2	0.20	0.3	9.1
B00168287	2.24	16	5.46	<1	3	0.36	<0.2	71.4
B00168288	1.32	19	3.40	<1	2	0.22	1.0	34.2
B00168289	0.92	14	3.47	<1	3	0.71	<0.2	14.3
B00168290	0.13	4	0.45	<1	2	0.08	<0.2	5.9
*Rep B00168290	0.12	4	0.47	<1	2	0.08	<0.2	5.1

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168272	0.36	<2	6	22.1	10	5.71	76.4	0.5
B00168273	0.26	2	6	27.4	15	7.26	49.0	0.7
B00168274	0.33	<2	7	24.6	13	6.37	113	0.4
B00168275	0.30	<2	7	22.9	11	5.99	80.2	0.4
B00168276	0.30	<2	7	22.6	16	5.94	109	0.3
B00168277	0.29	2	7	24.0	17	6.18	73.3	0.5
B00168278	0.32	2	8	35.7	22	9.51	56.3	0.8
B00168279	0.32	2	7	22.5	14	6.02	77.9	0.5
B00168280	0.31	2	8	24.4	14	6.50	93.3	0.5
B00168281	0.28	<2	6	22.6	13	5.98	81.0	0.4
B00168282	0.29	3	6	19.6	20	5.10	43.6	0.3
B00168283	0.27	<2	6	23.6	14	6.07	69.3	0.2
B00168284	0.30	2	7	24.0	10	6.28	64.2	0.4
B00168285	0.27	<2	5	20.5	16	5.21	29.9	0.5
B00168286	0.15	<2	3	7.6	<5	2.06	110	0.6
B00168287	0.14	<2	4	58.9	<5	15.8	8.4	0.2
B00168288	0.11	<2	4	33.9	<5	8.68	11.8	0.2
B00168289	0.30	<2	9	14.7	<5	3.62	159	0.8
B00168290	0.05	2	1	3.8	<5	1.12	19.0	0.2
*Rep B00168290	0.11	<2	1	3.3	<5	0.97	19.1	0.2

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168272	4.1	9	<0.5	0.49	4.6	0.5	0.22	1.23
B00168273	4.7	<1	<0.5	0.50	5.8	<0.5	0.24	1.93
B00168274	4.8	<1	0.5	0.58	8.6	0.7	0.29	2.93
B00168275	4.2	<1	<0.5	0.55	7.0	0.5	0.28	2.68
B00168276	4.3	<1	0.5	0.52	7.8	0.7	0.27	2.76
B00168277	4.5	<1	0.6	0.55	8.8	<0.5	0.28	3.02
B00168278	6.4	<1	0.5	0.70	10.0	<0.5	0.31	3.16
B00168279	4.1	<1	0.6	0.52	8.6	0.5	0.30	3.02
B00168280	4.5	<1	0.5	0.56	9.2	0.7	0.27	2.76
B00168281	4.3	<1	<0.5	0.51	5.7	0.6	0.26	2.20
B00168282	3.8	<1	<0.5	0.51	5.8	<0.5	0.28	2.54
B00168283	4.4	<1	<0.5	0.54	6.3	0.5	0.25	1.84
B00168284	4.3	<1	<0.5	0.55	7.6	<0.5	0.27	2.26
B00168285	4.1	<1	<0.5	0.49	4.3	<0.5	0.24	1.62
B00168286	1.3	<1	<0.5	0.16	3.2	<0.5	0.08	1.44
B00168287	9.9	<1	<0.5	0.53	6.1	<0.5	0.11	1.16
B00168288	5.7	<1	<0.5	0.36	5.7	<0.5	0.08	0.80
B00168289	3.3	<1	<0.5	0.58	2.9	0.8	0.29	1.26
B00168290	0.5	<1	<0.5	0.07	3.1	<0.5	<0.05	0.54
*Rep B00168290	0.5	<1	<0.5	0.07	3.0	<0.5	<0.05	0.55

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Element Method Det.Lim. Units	@W	@Y	@Yb	@Zr
	GE_ICM90A 1 ppm	GE_ICM90A 0.5 ppm	GE_ICM90A 0.1 ppm	GE_ICM90A 0.5 ppm
B00168272	<1	13.3	1.5	129
B00168273	<1	14.3	1.6	150
B00168274	<1	17.9	1.9	138
B00168275	<1	17.1	1.9	118
B00168276	<1	16.3	1.8	137
B00168277	1	17.4	1.8	124
B00168278	1	21.0	2.0	143
B00168279	<1	17.2	1.8	134
B00168280	<1	16.9	1.8	140
B00168281	1	15.7	1.6	127
B00168282	<1	16.7	1.7	116
B00168283	<1	16.1	1.6	113
B00168284	2	17.0	1.7	114
B00168285	2	15.5	1.5	128
B00168286	<1	5.1	0.6	64.4
B00168287	<1	9.9	0.7	92.1
B00168288	<1	6.0	0.5	82.0
B00168289	<1	18.8	1.9	98.6
B00168290	<1	2.1	0.2	56.3
*Rep B00168290	<1	2.1	0.2	55.3

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Certificate of Analysis
Work Order : SU1800622
[Report File No.: 0000015764]

Date: July 06, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
Project No.: SUDBURY_2_0
Samples: 5
Received: Jun 15, 2018
Pages: Page 1 to 11
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
5	SHIP	Shipping
5	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
5	G_WGH79	Weighing of samples and reporting of weights
5	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
5	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
5	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles
5	GO_XRF76V	@Ore grade Borate fusion, XRF (0.5g plus 1g LOI)
5	GE_CSA06V	@Exploration grade 0.005 - 30% S & C by IR Combustion
5	GE_CVA20A	Hg 5 - 100000 ppb Cold vapour AAS 0.15g-25ml
5	GE_FAM313	30 g, Fire assay, ICP-MS finish - New Pots

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site

Certified By :

Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Al GE_ICM90A 0.01 %	@Ba GE_ICM90A 10 ppm	@Be GE_ICM90A 5 ppm	@Ca GE_ICM90A 0.1 %	@Cr GE_ICM90A 10 ppm	@Cu GE_ICM90A 10 ppm	@Fe GE_ICM90A 0.01 %
B00168291	3.992	7.27	744	<5	0.3	110	59	3.09
B00168292	2.734	7.22	360	<5	3.4	87	65	9.89
B00168293	3.154	6.70	243	<5	5.7	81	137	9.82
B00168294	2.100	7.08	260	<5	5.4	86	383	9.91
B00168295	2.057	6.49	68	<5	3.2	90	150	6.82
*Rep B00168295		6.65	70	<5	3.2	91	159	6.93

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Element Method	@K GE_ICM90A	@Li GE_ICM90A	@Mg GE_ICM90A	@Mn GE_ICM90A	@Ni GE_ICM90A	@P GE_ICM90A	@Sc GE_ICM90A	Si GE_ICM90A
Det.Lim.	0.1	10	0.01	10	5	0.01	5	0.1
Units	%	ppm	%	ppm	ppm	%	ppm	%
B00168291	2.6	24	1.08	178	69	0.07	11	>30.0
B00168292	3.0	57	3.66	1165	68	0.42	28	20.5
B00168293	2.2	57	3.44	1165	61	0.37	27	19.2
B00168294	1.9	60	3.67	1279	66	0.37	27	19.8
B00168295	0.5	33	3.19	1091	101	0.07	28	27.3
*Rep B00168295	0.6	34	3.25	1111	105	0.06	28	27.8

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Element Method Det.Lim. Units	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm
B00168291	97	0.27	77	13	<1	<5	<0.1	<0.2
B00168292	255	2.03	313	91	<1	<5	0.7	<0.2
B00168293	533	1.90	289	80	<1	<5	0.4	<0.2
B00168294	514	1.91	295	81	<1	<5	0.5	<0.2
B00168295	212	0.39	183	45	<1	<5	0.9	<0.2
*Rep B00168295	218	0.40	185	45	<1	<5	0.9	<0.2

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Element Method Det.Lim. Units	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm
B00168291	53.9	9.9	3.7	2.05	1.18	0.80	18	2.63
B00168292	98.3	51.5	25.8	6.04	2.74	2.76	21	8.35
B00168293	99.7	47.0	29.4	6.11	2.71	3.25	18	8.38
B00168294	106	58.7	23.0	6.29	2.73	3.28	19	8.93
B00168295	12.1	44.2	3.4	2.27	1.32	0.56	15	2.22
*Rep B00168295	12.0	42.4	3.5	2.25	1.26	0.58	15	2.09

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Element Method Det.Lim. Units	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm
B00168291	<1	4	0.38	<0.2	26.9	0.26	<2	7
B00168292	1	5	1.07	<0.2	51.9	0.37	<2	49
B00168293	1	5	1.08	<0.2	44.9	0.34	<2	45
B00168294	1	5	1.10	<0.2	47.0	0.33	2	44
B00168295	1	2	0.47	<0.2	5.7	0.22	<2	3
*Rep B00168295	1	2	0.46	<0.2	5.7	0.22	<2	3

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Element Method Det.Lim. Units	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm
B00168291	21.6	<5	6.02	136	0.4	3.6	<1	0.6
B00168292	56.2	12	13.6	187	0.6	10.5	<1	2.9
B00168293	54.5	15	12.9	201	0.4	10.1	<1	2.7
B00168294	56.4	14	13.5	157	0.4	11.0	<1	2.6
B00168295	6.8	<5	1.58	39.4	0.6	1.9	<1	<0.5
*Rep B00168295	6.8	<5	1.58	38.7	0.6	1.9	<1	<0.5

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Element Method Det.Lim. Units	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm	@W GE_ICM90A 1 ppm	@Y GE_ICM90A 0.5 ppm	@Yb GE_ICM90A 0.1 ppm
B00168291	0.35	9.7	0.6	0.17	2.89	<1	10.8	1.1
B00168292	1.11	3.7	1.7	0.35	1.25	<1	27.3	2.1
B00168293	1.11	3.3	2.1	0.36	0.86	<1	25.6	2.0
B00168294	1.16	3.3	1.7	0.36	1.39	<1	26.7	2.1
B00168295	0.36	5.5	<0.5	0.19	1.11	<1	11.4	1.2
*Rep B00168295	0.34	5.4	<0.5	0.19	1.07	<1	11.2	1.2

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Element Method Det.Lim. Units	@Zr GE_ICM90A 0.5 ppm	Se GE_ICM90A 0.2 ppm	Te GE_ICM90A 1 ppm	@LOI GO_XRF76V -10.000 %	@SiO2 GO_XRF76V 0.01 %	@Al2O3 GO_XRF76V 0.01 %	@Fe2O3 GO_XRF76V 0.01 %	@MgO GO_XRF76V 0.01 %
B00168291	170	<0.2	5	2.10	70.7	13.7	4.39	1.86
B00168292	223	0.3	3	6.30	44.0	13.4	14.1	6.19
B00168293	202	0.3	2	7.03	41.2	12.5	14.0	5.77
B00168294	204	0.4	4	7.25	41.4	12.8	14.1	6.16
B00168295	68.6	0.2	4	3.46	59.4	12.3	9.77	5.43
*Rep B00168295	63.3	<0.2	2					
*Rep B00168295				3.51	59.5	12.2	9.81	5.44

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Element Method Det.Lim. Units	@CaO GO_XRF76V 0.01 %	@K2O GO_XRF76V 0.01 %	@Na2O GO_XRF76V 0.01 %	@TiO2 GO_XRF76V 0.01 %	@MnO GO_XRF76V 0.01 %	@P2O5 GO_XRF76V 0.01 %	@Cr2O3 GO_XRF76V 0.01 %	@V2O5 GO_XRF76V 0.01 %
B00168291	0.39	3.16	2.79	0.44	0.03	0.09	0.01	0.02
B00168292	4.85	3.65	2.25	3.37	0.15	0.78	<0.01	0.06
B00168293	8.19	2.73	3.04	3.14	0.16	0.73	0.01	0.06
B00168294	7.57	2.29	2.99	3.15	0.17	0.73	0.01	0.05
B00168295	4.60	0.66	2.84	0.66	0.14	0.08	0.01	0.03
*Rep B00168295	4.58	0.66	2.81	0.66	0.14	0.09	0.01	0.05

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Element Method Det.Lim. Units	Sum GO_XRF76V	@C GE_CSA06V	@S GE_CSA06V	@Hg GE_CVA20A	Au GE_FAM313	Pt GE_FAM313	Pd GE_FAM313
	0	0.005	0.005	0.005	1	0.5	0.5
	%	%	%	ppm	ppb	ppb	ppb
B00168291	99.6	0.064	0.026	<0.005	3	3.3	7.3
B00168292	99.1	0.940	0.096	0.005	4	0.8	1.1
B00168293	98.6	1.63	0.177	0.005	5	0.8	1.3
B00168294	98.7	1.55	0.230	0.009	18	0.6	0.8
B00168295	99.3	0.341	0.082	0.013	<1	7.3	7.8
*Rep B00168295		0.325	0.083				
*Rep B00168292				0.006			
*Rep B00168295					1	7.2	7.6
*Rep B00168295	99.5						

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Certificate of Analysis
Work Order : SU1800704
[Report File No.: 0000016344]

Date: August 17, 2018

To: Wesley Whymark
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
Project No.: SUDBURY_2_0
Samples: 29
Received: Jul 13, 2018
Pages: Page 1 to 9
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
29	SHIP	Shipping
29	G_WGH79	Weighing of samples and reporting of weights
28	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
29	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
29	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
29	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
29	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site

Certified By : 
Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg	Au	Pt	Pd	@Al	@Ba	@Be	@Ca
	G_WGH79 0.001 kg	GE_FAI525 5 ppb	GE_FAI525 10 ppb	GE_FAI525 5 ppb	GE_ICM90A 0.01 %	GE_ICM90A 10 ppm	GE_ICM90A 5 ppm	GE_ICM90A 0.1 %
B00168296	0.829	<5	<10	<5	10.2	39	<5	<0.1
B00168297	1.567	<5	<10	<5	6.01	520	<5	2.5
B00168298	0.771	<5	<10	<5	5.57	317	<5	0.2
B00168299	1.452	<5	<10	<5	4.19	48	<5	0.7
B00168300	1.753	91	11	8	4.88	476	<5	2.6
B00168301	1.608	<5	<10	<5	0.20	25	<5	0.6
B00168302	2.116	<5	<10	<5	8.50	967	<5	0.3
B00168303	1.758	6	<10	<5	5.03	214	<5	0.7
B00168304	1.701	<5	<10	<5	5.42	157	<5	0.2
B00168305	1.725	<5	<10	<5	6.13	553	<5	<0.1
B00168306	2.760	<5	<10	<5	4.58	470	<5	<0.1
B00168307	2.729	<5	<10	<5	4.13	320	<5	0.6
B00168308	1.470	<5	<10	<5	4.09	450	<5	<0.1
B00168309	1.157	<5	<10	<5	3.83	160	<5	<0.1
B00168310	0.130	2543	<10	<5	5.42	717	<5	1.4
B00168311	4.982	<5	<10	<5	4.25	291	<5	<0.1
B00168312	1.964	14	<10	<5	5.35	59	<5	1.0
B00168314	1.050	5	<10	<5	3.65	38	<5	0.5
B00168315	3.143	<5	<10	<5	5.77	54	<5	3.9
B00168318	4.123	5	<10	<5	6.69	199	<5	2.6
B00168319	0.770	<5	<10	<5	5.38	769	<5	0.1
B00168320	0.228	19	<10	<5	0.15	73	<5	<0.1
B00168321	0.843	<5	<10	<5	5.56	10	<5	0.4
B00168322	0.710	<5	<10	<5	8.27	133	<5	0.1
B00168323	0.944	<5	<10	<5	8.99	145	<5	0.2
B00168324	1.366	21	<10	<5	3.72	190	<5	<0.1
B00168325	1.290	<5	<10	<5	3.39	<10	<5	<0.1
B00168326	0.990	99	<10	<5	3.84	425	<5	<0.1
B00168327	1.030	<5	<10	<5	3.64	<10	<5	<0.1
*Rep B00168304		<5	<10	<5				
*Rep B00168327					3.61	<10	<5	<0.1

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Element Method Det.Lim. Units	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	10 ppm	10 ppm	0.01 %	0.1 %	10 ppm	0.01 %	10 ppm	5 ppm
B00168296	34	<10	0.36	0.3	<10	0.02	99	6
B00168297	110	67	5.83	2.9	18	1.79	2102	45
B00168298	84	12	3.39	3.2	18	0.87	251	36
B00168299	119	32	4.81	0.1	22	2.66	798	56
B00168300	168	85	2.34	2.8	<10	1.69	796	37
B00168301	169	248	1.41	0.1	<10	0.19	185	23
B00168302	174	59	6.52	2.8	31	1.68	324	97
B00168303	95	<10	4.21	2.2	31	1.74	224	31
B00168304	64	24	4.58	2.1	40	1.85	183	35
B00168305	84	22	2.52	3.6	26	0.83	81	27
B00168306	63	23	1.76	2.8	18	0.53	81	21
B00168307	191	11	2.16	1.4	<10	0.54	262	26
B00168308	87	<10	1.18	2.8	<10	0.32	60	16
B00168309	110	<10	0.72	1.7	<10	0.17	51	11
B00168310	67	1131	7.53	1.5	30	1.71	1547	20
B00168311	78	<10	0.95	2.3	<10	0.23	56	13
B00168312	115	391	2.90	0.5	14	1.05	430	24
B00168314	103	101	1.53	0.4	<10	0.62	282	24
B00168315	78	134	5.74	0.4	16	2.09	926	43
B00168318	98	257	5.90	0.9	35	2.25	810	46
B00168319	77	10	2.03	3.4	14	0.59	84	27
B00168320	49	14	>25.0	<0.1	<10	0.10	10376	26
B00168321	141	<10	1.00	<0.1	<10	0.31	129	13
B00168322	111	<10	1.52	3.1	<10	0.60	147	24
B00168323	128	<10	1.36	3.2	<10	0.76	173	33
B00168324	88	<10	0.92	1.9	<10	0.13	37	13
B00168325	119	<10	1.42	0.3	<10	1.22	56	26
B00168326	214	33	3.29	2.0	<10	0.29	201	26
B00168327	137	<10	0.60	0.2	<10	0.18	47	12
*Rep B00168327	123	<10	0.59	0.2	<10	0.17	44	11

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Element Method Det.Lim. Units	@P	@Sc	Si	@Sr	@Ti	@V	@Zn	@Ag
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	0.01 %	5 ppm	0.1 %	10 ppm	0.01 %	5 ppm	5 ppm	1 ppm
B00168296	<0.01	<5	>30.0	68	0.07	<5	<5	<1
B00168297	0.04	23	28.1	102	0.46	171	30	<1
B00168298	0.02	15	>30.0	19	0.33	112	24	<1
B00168299	0.02	16	>30.0	23	0.26	122	44	<1
B00168300	0.01	21	>30.0	29	0.24	122	14	<1
B00168301	<0.01	<5	>30.0	17	<0.01	5	<5	<1
B00168302	0.07	18	28.1	76	0.42	125	41	<1
B00168303	0.11	11	>30.0	38	0.69	122	31	<1
B00168304	0.09	11	>30.0	21	0.66	117	39	<1
B00168305	0.02	6	>30.0	12	0.23	58	15	<1
B00168306	0.02	<5	>30.0	13	0.16	36	9	<1
B00168307	0.02	6	>30.0	109	0.18	46	25	<1
B00168308	<0.01	<5	>30.0	16	0.06	21	<5	<1
B00168309	<0.01	<5	>30.0	19	0.04	13	<5	<1
B00168310	0.03	12	26.7	71	0.20	73	2809	72
B00168311	<0.01	<5	>30.0	19	0.07	19	<5	<1
B00168312	0.07	6	>30.0	76	0.45	73	32	<1
B00168314	<0.01	<5	>30.0	33	0.09	25	18	<1
B00168315	0.19	15	26.5	229	1.16	174	63	<1
B00168318	0.15	15	27.0	248	0.96	159	54	<1
B00168319	0.02	5	>30.0	16	0.16	42	7	<1
B00168320	<0.01	<5	12.7	10	<0.01	11	410	<1
B00168321	0.07	<5	>30.0	41	0.19	18	<5	<1
B00168322	<0.01	8	28.8	35	0.23	57	7	<1
B00168323	0.01	11	>30.0	42	0.26	75	<5	<1
B00168324	<0.01	<5	>30.0	22	0.06	16	<5	<1
B00168325	<0.01	<5	29.0	13	0.03	16	<5	<1
B00168326	0.02	7	>30.0	<10	0.33	58	16	<1
B00168327	<0.01	<5	>30.0	20	0.04	<5	<5	<1
*Rep B00168327	<0.01	<5	>30.0	20	0.04	<5	<5	<1

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Element Method Det.Lim. Units	@As	@Bi	@Cd	@Ce	@Co	@Cs	@Dy	@Er
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	5	0.1	0.2	0.1	0.5	0.1	0.05	0.05
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00168296	<5	<0.1	<0.2	20.9	0.5	0.4	0.62	0.38
B00168297	<5	0.4	<0.2	24.3	31.9	3.9	2.32	1.40
B00168298	<5	0.2	<0.2	19.9	12.8	3.2	1.54	0.99
B00168299	<5	0.5	<0.2	4.6	46.8	<0.1	1.94	0.94
B00168300	6	0.3	<0.2	12.4	14.3	2.4	2.06	1.24
B00168301	10	0.4	<0.2	7.0	3.9	0.2	0.69	0.44
B00168302	<5	0.1	<0.2	71.6	22.2	10.7	3.69	2.28
B00168303	<5	0.2	<0.2	44.6	10.9	5.6	2.52	1.28
B00168304	<5	0.2	<0.2	40.3	12.1	5.1	2.26	1.19
B00168305	<5	0.2	<0.2	16.3	6.7	5.0	1.07	0.67
B00168306	<5	<0.1	<0.2	34.3	2.7	3.4	0.99	0.50
B00168307	<5	<0.1	<0.2	23.5	7.5	1.4	1.45	0.82
B00168308	<5	<0.1	<0.2	17.1	1.0	2.3	0.61	0.31
B00168309	<5	<0.1	<0.2	12.1	1.2	1.5	0.50	0.31
B00168310	304	5.9	24.9	30.9	19.9	2.0	4.27	2.67
B00168311	<5	<0.1	<0.2	12.5	0.8	1.9	1.04	0.58
B00168312	<5	0.1	<0.2	31.2	11.4	0.9	1.86	0.90
B00168314	7	0.1	<0.2	35.6	14.4	0.3	0.58	0.33
B00168315	7	0.1	<0.2	65.6	28.4	3.7	3.96	1.81
B00168318	<5	0.4	<0.2	58.5	37.7	6.5	3.84	1.86
B00168319	<5	<0.1	<0.2	29.1	5.9	6.1	1.61	0.98
B00168320	73	<0.1	1.1	5.1	49.8	0.4	0.42	0.36
B00168321	<5	0.2	<0.2	30.8	2.5	0.1	2.01	1.27
B00168322	<5	<0.1	<0.2	34.6	2.4	1.7	1.49	0.89
B00168323	<5	<0.1	<0.2	79.7	3.4	1.2	1.89	0.98
B00168324	<5	<0.1	<0.2	19.4	1.7	0.9	0.58	0.33
B00168325	<5	<0.1	<0.2	22.1	4.7	0.1	1.32	0.72
B00168326	38	2.3	<0.2	27.3	9.8	3.3	2.19	1.21
B00168327	<5	<0.1	<0.2	15.2	1.3	0.2	0.70	0.40
*Rep B00168327	<5	<0.1	<0.2	15.0	1.3	0.2	0.78	0.46

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Element Method Det.Lim. Units	@Eu	@Ga	@Gd	@Ge	@Hf	@Ho	@In	@La
	GE_ICM90A 0.05 ppm	GE_ICM90A 1 ppm	GE_ICM90A 0.05 ppm	GE_ICM90A 1 ppm	GE_ICM90A 1 ppm	GE_ICM90A 0.05 ppm	GE_ICM90A 0.2 ppm	GE_ICM90A 0.1 ppm
B00168296	0.30	10	0.99	<1	2	0.12	<0.2	10.7
B00168297	0.71	13	2.84	1	2	0.48	<0.2	11.7
B00168298	0.47	12	1.71	1	2	0.32	<0.2	9.5
B00168299	0.53	12	1.87	1	<1	0.34	<0.2	2.1
B00168300	0.57	11	1.85	1	<1	0.42	<0.2	5.9
B00168301	0.18	<1	0.63	<1	<1	0.14	<0.2	3.8
B00168302	1.02	22	4.93	1	5	0.72	<0.2	36.1
B00168303	1.17	12	3.78	1	3	0.47	<0.2	19.4
B00168304	1.04	13	3.22	1	3	0.42	<0.2	18.0
B00168305	0.31	16	1.13	1	4	0.22	<0.2	6.2
B00168306	0.51	11	1.72	<1	3	0.17	<0.2	18.8
B00168307	0.43	10	1.65	<1	4	0.28	<0.2	11.3
B00168308	0.20	11	0.66	1	2	0.11	<0.2	10.8
B00168309	0.19	7	0.65	<1	2	0.10	<0.2	6.7
B00168310	0.63	15	4.22	1	4	0.86	2.2	15.2
B00168311	0.24	9	1.06	<1	2	0.20	<0.2	6.5
B00168312	0.74	11	2.64	<1	3	0.33	<0.2	15.1
B00168314	0.34	7	1.30	<1	3	0.11	<0.2	17.9
B00168315	1.86	13	5.95	<1	4	0.68	<0.2	29.1
B00168318	1.65	18	5.33	1	5	0.68	<0.2	27.8
B00168319	0.47	12	1.85	<1	3	0.31	<0.2	15.8
B00168320	0.42	2	0.46	1	<1	0.09	<0.2	3.6
B00168321	0.57	10	2.47	<1	3	0.41	<0.2	15.4
B00168322	0.63	25	2.00	<1	4	0.30	<0.2	20.2
B00168323	1.15	27	3.32	1	7	0.33	<0.2	48.9
B00168324	0.22	8	0.86	<1	2	0.10	<0.2	10.3
B00168325	0.36	8	1.52	<1	1	0.25	<0.2	11.2
B00168326	0.58	10	2.20	1	5	0.41	<0.2	14.4
B00168327	0.21	4	0.85	<1	1	0.13	<0.2	8.2
*Rep B00168327	0.22	4	0.98	<1	1	0.17	<0.2	8.2

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Element Method Det.Lim. Units	@Lu	@Mo	@Nb	@Nd	@Pb	@Pr	@Rb	@Sb
	GE_ICM90A 0.05 ppm	GE_ICM90A 2 ppm	GE_ICM90A 1 ppm	GE_ICM90A 0.1 ppm	GE_ICM90A 5 ppm	GE_ICM90A 0.05 ppm	GE_ICM90A 0.2 ppm	GE_ICM90A 0.1 ppm
B00168296	0.10	<2	3	9.1	<5	2.38	3.8	0.5
B00168297	0.22	<2	6	12.3	6	2.94	150	0.7
B00168298	0.17	<2	5	9.4	<5	2.39	113	0.7
B00168299	0.13	<2	1	3.6	<5	0.69	1.4	0.2
B00168300	0.16	<2	2	6.3	<5	1.50	142	0.6
B00168301	0.09	3	<1	3.2	<5	0.80	6.0	0.3
B00168302	0.34	<2	9	32.4	<5	8.25	172	0.4
B00168303	0.20	<2	14	22.5	<5	5.31	69.3	0.6
B00168304	0.18	<2	14	19.6	5	4.70	60.1	0.6
B00168305	0.14	<2	6	6.0	13	1.54	168	0.6
B00168306	0.09	<2	4	16.4	7	4.49	131	0.4
B00168307	0.15	<2	3	10.3	7	2.71	54.9	0.2
B00168308	0.07	<2	2	4.6	<5	1.46	121	0.3
B00168309	0.11	<2	2	5.0	<5	1.32	64.4	0.2
B00168310	0.48	4	4	17.1	>10000	4.03	54.1	84.4
B00168311	0.11	<2	2	5.2	<5	1.39	91.8	0.2
B00168312	0.12	<2	10	15.9	<5	3.88	10.2	0.3
B00168314	0.07	<2	3	14.8	13	3.96	3.9	0.3
B00168315	0.23	2	23	36.5	<5	8.36	24.8	0.4
B00168318	0.27	<2	20	31.3	<5	7.30	65.0	0.4
B00168319	0.17	<2	4	12.6	<5	3.35	157	0.4
B00168320	0.16	<2	<1	2.1	46	0.52	1.3	2.5
B00168321	0.18	<2	5	14.7	<5	3.58	1.7	1.9
B00168322	0.21	<2	5	15.1	<5	3.84	124	0.9
B00168323	0.23	<2	7	33.4	<5	8.72	134	0.8
B00168324	0.07	<2	2	7.1	7	2.04	73.2	0.9
B00168325	0.11	<2	<1	8.9	<5	2.45	3.3	0.3
B00168326	0.20	2	4	11.8	15	3.07	90.7	0.7
B00168327	0.07	3	1	5.7	<5	1.63	3.1	0.3
*Rep B00168327	0.08	2	1	5.6	<5	1.59	3.1	0.4

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Element Method Det.Lim. Units	@Sm	@Sn	@Ta	@Tb	@Th	@Tl	@Tm	@U
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	0.1	1	0.5	0.05	0.1	0.5	0.05	0.05
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00168296	1.4	<1	<0.5	0.12	4.5	<0.5	0.05	0.72
B00168297	2.7	<1	<0.5	0.38	3.3	0.7	0.20	0.65
B00168298	1.8	<1	<0.5	0.23	4.3	<0.5	0.14	1.23
B00168299	1.7	<1	<0.5	0.32	0.8	<0.5	0.14	0.41
B00168300	1.6	<1	<0.5	0.31	1.1	0.7	0.16	5.84
B00168301	0.7	<1	<0.5	0.10	0.3	<0.5	0.06	1.46
B00168302	6.0	3	0.9	0.64	14.8	1.1	0.32	5.06
B00168303	4.4	<1	0.9	0.47	4.0	<0.5	0.17	1.53
B00168304	3.9	<1	0.9	0.41	4.3	<0.5	0.16	2.06
B00168305	1.1	<1	0.5	0.18	6.8	0.7	0.09	1.41
B00168306	2.6	<1	<0.5	0.20	4.9	0.6	0.08	0.89
B00168307	1.9	<1	<0.5	0.23	4.9	<0.5	0.12	1.25
B00168308	0.7	<1	<0.5	0.10	3.9	<0.5	<0.05	0.48
B00168309	0.9	<1	<0.5	0.08	3.9	<0.5	<0.05	0.81
B00168310	4.0	22	<0.5	0.65	4.4	4.5	0.39	1.60
B00168311	1.0	<1	<0.5	0.16	4.8	<0.5	0.08	1.14
B00168312	3.2	<1	0.8	0.34	5.3	<0.5	0.12	0.98
B00168314	2.2	<1	<0.5	0.12	5.4	<0.5	<0.05	1.04
B00168315	7.0	<1	1.5	0.73	4.3	<0.5	0.23	1.08
B00168318	6.1	1	1.3	0.69	5.8	0.5	0.23	2.15
B00168319	2.2	<1	<0.5	0.26	6.4	0.7	0.14	2.03
B00168320	0.4	<1	<0.5	0.07	0.2	<0.5	<0.05	0.22
B00168321	2.9	1	<0.5	0.32	7.1	<0.5	0.17	2.37
B00168322	2.9	1	0.5	0.25	7.6	<0.5	0.12	1.65
B00168323	5.8	2	0.6	0.35	9.9	<0.5	0.13	1.45
B00168324	1.2	<1	<0.5	0.10	4.6	<0.5	<0.05	0.81
B00168325	1.6	<1	<0.5	0.22	4.7	<0.5	0.09	0.68
B00168326	2.2	<1	<0.5	0.33	25.0	0.6	0.17	1.89
B00168327	0.9	<1	<0.5	0.11	2.9	<0.5	0.05	0.44
*Rep B00168327	0.9	<1	<0.5	0.13	2.9	<0.5	0.06	0.45

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Element Method Det.Lim. Units	@W	@Y	@Yb	@Zr
	GE_ICM90A 1 ppm	GE_ICM90A 0.5 ppm	GE_ICM90A 0.1 ppm	GE_ICM90A 0.5 ppm
B00168296	<1	3.4	0.4	62.2
B00168297	<1	12.5	1.4	75.3
B00168298	<1	8.3	1.0	78.0
B00168299	<1	8.1	0.9	26.5
B00168300	<1	11.4	1.1	28.5
B00168301	<1	3.6	0.4	8.1
B00168302	1	19.7	2.4	142
B00168303	<1	11.7	1.1	104
B00168304	<1	10.8	1.1	100.0
B00168305	<1	5.7	0.6	125
B00168306	<1	4.8	0.5	87.8
B00168307	<1	7.5	0.9	141
B00168308	<1	3.0	0.4	80.8
B00168309	<1	2.8	0.3	49.6
B00168310	3	23.8	2.8	127
B00168311	<1	5.7	0.6	74.0
B00168312	<1	8.8	0.8	103
B00168314	<1	2.7	0.4	80.9
B00168315	<1	17.2	1.5	138
B00168318	<1	17.1	1.6	155
B00168319	<1	8.8	1.0	101
B00168320	<1	4.5	0.4	2.7
B00168321	1	10.8	1.2	82.2
B00168322	<1	8.0	0.9	117
B00168323	<1	9.1	1.0	222
B00168324	<1	3.0	0.4	64.3
B00168325	<1	6.8	0.6	38.4
B00168326	1	11.0	1.2	183
B00168327	<1	3.9	0.4	33.6
*Rep B00168327	<1	4.5	0.4	39.0

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Certificate of Analysis
Work Order : SU1800705 [Revision 1]
[Report File No.: 0000016524]

Date: August 28, 2018

To: Wesley Whymark
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
Project No.: SUDBURY_2_0
Samples: 4
Received: Jul 13, 2018
Pages: Page 1 to 11
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
4	SHIP	Shipping
4	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
4	G_WGH79	Weighing of samples and reporting of weights
4	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
4	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
4	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles
4	GO_XRF76V	@Ore grade Borate fusion, XRF (0.5g plus 1g LOI)
4	GE_CSA06V	@Exploration grade 0.005 - 30% S & C by IR Combustion
4	GE_CVA20A	Hg 5 - 100000 ppb Cold vapour AAS 0.15g-25ml
4	GE_FAM313	30 g, Fire assay, ICP-MS finish - New Pots

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Al GE_ICM90A 0.01 %	@Ba GE_ICM90A 10 ppm	@Be GE_ICM90A 5 ppm	@Ca GE_ICM90A 0.1 %	@Cr GE_ICM90A 10 ppm	@Cu GE_ICM90A 10 ppm	@Fe GE_ICM90A 0.01 %
B00168313	1.579	7.11	153	<5	5.9	47	85	10.5
B00168316	3.053	7.22	105	<5	7.7	111	81	10.6
B00168317	2.279	7.05	227	<5	5.7	96	504	9.88
B00168328	0.721	7.13	29	<5	4.8	71	809	8.39
*Rep B00168328		7.23	30	<5	4.9	72	849	8.52

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Element Method Det.Lim. Units	@K GE_ICM90A 0.1 %	@Li GE_ICM90A 10 ppm	@Mg GE_ICM90A 0.01 %	@Mn GE_ICM90A 10 ppm	@Ni GE_ICM90A 5 ppm	@P GE_ICM90A 0.01 %	@Sc GE_ICM90A 5 ppm	Si GE_ICM90A 0.1 %
B00168313	1.2	39	3.34	1501	51	0.36	24	21.6
B00168316	0.6	33	3.73	1777	73	0.31	30	23.2
B00168317	1.9	56	3.67	1559	65	0.32	26	21.4
B00168328	0.3	28	3.91	1105	129	0.03	31	24.8
*Rep B00168328	0.3	27	4.00	1123	118	0.02	32	25.2

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Element Method Det.Lim. Units	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm
B00168313	376	2.10	307	101	<1	15	0.3	<0.2
B00168316	882	1.96	310	113	<1	5	0.1	<0.2
B00168317	507	1.99	290	78	<1	<5	0.6	<0.2
B00168328	80	0.45	213	87	<1	160	0.2	0.5
*Rep B00168328	82	0.45	221	89	<1	137	0.2	0.5

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Element Method Det.Lim. Units	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm
B00168313	115	56.9	13.8	7.14	3.09	3.40	22	10.5
B00168316	102	51.4	6.2	6.48	2.77	3.21	21	9.37
B00168317	112	50.2	27.5	6.86	2.93	3.13	22	9.98
B00168328	12.6	137	3.6	2.70	1.60	0.62	15	2.38
*Rep B00168328	12.7	121	3.8	2.73	1.56	0.65	15	2.53

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Element Method Det.Lim. Units	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm
B00168313	2	6	1.18	<0.2	51.9	0.39	<2	44
B00168316	2	5	1.11	<0.2	45.1	0.31	2	42
B00168317	2	6	1.14	<0.2	52.6	0.48	2	42
B00168328	1	2	0.52	<0.2	5.8	0.22	<2	2
*Rep B00168328	2	2	0.53	<0.2	5.8	0.23	<2	2

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Element Method Det.Lim. Units	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm
B00168313	63.7	<5	14.6	87.3	0.6	12.0	2	3.0
B00168316	57.3	7	13.0	34.3	0.9	11.1	2	2.6
B00168317	61.2	10	13.9	185	0.4	11.8	1	2.7
B00168328	7.4	<5	1.66	18.2	0.3	2.0	<1	<0.5
*Rep B00168328	7.5	<5	1.63	18.4	0.3	2.0	<1	<0.5

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Element Method Det.Lim. Units	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm	@W GE_ICM90A 1 ppm	@Y GE_ICM90A 0.5 ppm	@Yb GE_ICM90A 0.1 ppm
B00168313	1.30	4.2	0.9	0.38	0.96	<1	29.1	2.4
B00168316	1.17	3.7	<0.5	0.35	0.74	<1	26.9	2.2
B00168317	1.26	3.9	2.0	0.36	2.06	<1	28.6	2.4
B00168328	0.39	1.7	<0.5	0.21	0.45	<1	13.6	1.4
*Rep B00168328	0.43	1.6	<0.5	0.22	0.45	<1	13.5	1.4

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Element Method Det.Lim. Units	@Zr GE_ICM90A 0.5 ppm	Se GE_ICM90A 0.2 ppm	Te GE_ICM90A 1 ppm	@LOI GO_XRF76V -10.000 %	@SiO2 GO_XRF76V 0.01 %	@Al2O3 GO_XRF76V 0.01 %	@Fe2O3 GO_XRF76V 0.01 %	@MgO GO_XRF76V 0.01 %
B00168313	215	0.3	<1	5.48	42.7	13.3	14.8	5.68
B00168316	195	0.3	<1	2.69	43.9	13.4	15.0	6.34
B00168317	195	0.6	<1	7.56	40.8	12.9	14.0	6.21
B00168328	50.6	0.6	<1	8.27	48.4	13.3	12.1	6.71
*Rep B00168328	50.3	0.5	<1					
*Rep B00168328				8.35	48.4	13.3	12.1	6.71

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Element Method Det.Lim. Units	@CaO GO_XRF76V 0.01 %	@K2O GO_XRF76V 0.01 %	@Na2O GO_XRF76V 0.01 %	@TiO2 GO_XRF76V 0.01 %	@MnO GO_XRF76V 0.01 %	@P2O5 GO_XRF76V 0.01 %	@Cr2O3 GO_XRF76V 0.01 %	@V2O5 GO_XRF76V 0.01 %
B00168313	8.24	1.37	3.00	3.42	0.19	0.85	0.01	0.07
B00168316	10.7	0.65	2.65	3.15	0.23	0.73	0.01	0.06
B00168317	7.94	2.23	3.20	3.18	0.20	0.76	<0.01	0.06
B00168328	6.84	0.31	2.65	0.73	0.14	0.06	<0.01	0.04
*Rep B00168328	6.82	0.30	2.68	0.73	0.14	0.07	0.02	0.04

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Element Method	Sum	@C	@S	@Hg	Au	Pt	Pd
GO_XRF76V	GE_CSA06V	GE_CSA06V	GE_CSA06V	GE_CVA20A	GE_FAM313	GE_FAM313	GE_FAM313
Det.Lim.	0	0.005	0.005	0.005	1	0.5	0.5
Units	%	%	%	ppm	ppb	ppb	ppb
B00168313	99.1	0.768	0.217	0.005	1	0.6	0.8
B00168316	99.6	0.092	0.213	0.006	<1	0.7	0.8
B00168317	99.1	1.55	0.165	0.008	15	0.8	0.9
B00168328	99.5	1.35	0.169	0.033	9	2.0	1.9
*Rep B00168328		1.36	0.179				
*Rep B00168313					3	0.6	0.9
*Rep B00168316					<1	0.8	0.7
*Rep B00168328	99.6						
*Rep B00168328				0.032			

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Certificate of Analysis
Work Order : SU1800715
[Report File No.: 0000016119]

Date: July 31, 2018

To: Wesley Whymark
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: -
Project No.: SUDBURY_2_0
Samples: 4
Received: Jul 19, 2018
Pages: Page 1 to 12
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
4	SHIP	Shipping
4	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
4	G_WGH79	Weighing of samples and reporting of weights
4	G_PUL45	Pulverize 250g, Cr steel, 75 microns, 85% passing
4	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
4	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
4	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles
4	GO_XRF76V	@Ore grade Borate fusion, XRF (0.5g plus 1g LOI)
4	GE_CSA06V	@Exploration grade 0.005 - 30% S & C by IR Combustion
4	GE_CVA20A	Hg 5 - 100000 ppb Cold vapour AAS 0.15g-25ml
4	GE_FAM313	30 g, Fire assay, ICP-MS finish - New Pots

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site

Certified By : _____

Brett Pipher
Project Coordinator

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Al GE_ICM90A 0.01 %	@Ba GE_ICM90A 10 ppm	@Be GE_ICM90A 5 ppm	@Ca GE_ICM90A 0.1 %	@Cr GE_ICM90A 10 ppm	@Cu GE_ICM90A 10 ppm	@Fe GE_ICM90A 0.01 %
B00168339	1.224	8.89	38	<5	2.3	201	1402	6.23
B00168340	1.286	7.57	144	<5	4.3	205	134	7.32
B00168341	1.220	7.75	81	<5	2.6	160	465	6.64
B00168342	2.170	8.90	38	<5	2.8	197	2120	6.56
*Rep B00168342		8.74	38	<5	2.8	196	2176	6.50

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Element Method Det.Lim. Units	@K GE_ICM90A 0.1 %	@Li GE_ICM90A 10 ppm	@Mg GE_ICM90A 0.01 %	@Mn GE_ICM90A 10 ppm	@Ni GE_ICM90A 5 ppm	@P GE_ICM90A 0.01 %	@Sc GE_ICM90A 5 ppm	Si GE_ICM90A 0.1 %
B00168339	0.3	34	3.35	800	127	0.02	34	24.7
B00168340	0.8	44	4.15	1199	106	0.02	38	23.2
B00168341	0.6	32	3.48	867	116	0.02	33	25.7
B00168342	0.3	35	3.49	871	129	0.02	33	24.2
*Rep B00168342	0.3	35	3.43	864	128	0.02	33	24.2

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Element Method Det.Lim. Units	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm
B00168339	168	0.43	204	50	<1	<5	0.4	<0.2
B00168340	216	0.40	237	61	<1	6	0.3	<0.2
B00168341	187	0.36	202	52	<1	5	0.2	<0.2
B00168342	170	0.42	195	55	<1	<5	0.5	<0.2
*Rep B00168342	169	0.41	191	52	<1	<5	0.5	<0.2

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Element Method Det.Lim. Units	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm
B00168339	5.9	39.2	2.6	1.75	1.03	0.43	14	1.25
B00168340	12.9	47.6	5.6	2.69	1.73	0.63	16	2.28
B00168341	12.1	40.9	7.1	2.90	1.51	0.56	16	2.19
B00168342	5.8	39.4	2.4	1.66	0.99	0.37	14	1.22
*Rep B00168342	5.8	39.3	2.5	1.60	1.00	0.39	14	1.16

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Element Method Det.Lim. Units	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm
B00168339	1	2	0.37	<0.2	2.7	0.27	<2	3
B00168340	1	1	0.58	<0.2	6.5	0.27	<2	2
B00168341	1	2	0.59	<0.2	5.8	0.25	<2	3
B00168342	1	2	0.34	<0.2	2.8	0.33	<2	3
*Rep B00168342	1	2	0.35	<0.2	2.8	0.40	<2	3

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Element Method Det.Lim. Units	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm
B00168339	3.1	<5	0.74	17.6	0.9	1.0	<1	<0.5
B00168340	6.7	<5	1.63	51.2	0.9	1.8	1	<0.5
B00168341	6.2	<5	1.50	49.7	0.8	1.8	1	<0.5
B00168342	2.9	<5	0.74	14.8	0.9	1.0	<1	<0.5
*Rep B00168342	3.0	<5	0.74	15.0	0.9	0.9	<1	<0.5

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Element Method Det.Lim. Units	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm	@W GE_ICM90A 1 ppm	@Y GE_ICM90A 0.5 ppm	@Yb GE_ICM90A 0.1 ppm
B00168339	0.26	1.8	<0.5	0.17	0.65	<1	10.0	1.0
B00168340	0.43	1.5	<0.5	0.24	0.61	<1	15.2	1.5
B00168341	0.45	2.3	<0.5	0.22	0.71	<1	16.0	1.3
B00168342	0.25	1.8	<0.5	0.14	0.61	<1	9.8	0.9
*Rep B00168342	0.25	1.8	<0.5	0.15	0.62	<1	9.9	0.9

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Element	@Zr	Se	Te	@LOI	@SiO2	@Al2O3	@Fe2O3	@MgO
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V
Det.Lim.	0.5	0.2	1	-10.000	0.01	0.01	0.01	0.01
Units	ppm	ppm	ppm	%	%	%	%	%
B00168339	56.9	0.9	<1	5.37	52.7	16.3	8.92	5.97
B00168340	50.1	0.3	<1	7.99	49.2	13.8	10.3	7.23
B00168341	59.2	0.4	<1	5.34	54.5	14.3	9.39	6.10
B00168342	52.9	1.2	<1	5.69	51.1	16.2	9.31	6.16
*Rep B00168342	55.4	1.0	<1					
*Rep B00168340				8.02	49.0	13.8	10.3	7.21

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Element Method Det.Lim. Units	@CaO GO_XRF76V 0.01 %	@K2O GO_XRF76V 0.01 %	@Na2O GO_XRF76V 0.01 %	@TiO2 GO_XRF76V 0.01 %	@MnO GO_XRF76V 0.01 %	@P2O5 GO_XRF76V 0.01 %	@Cr2O3 GO_XRF76V 0.01 %	@V2O5 GO_XRF76V 0.01 %
B00168339	3.35	0.32	5.82	0.70	0.10	0.05	0.03	0.03
B00168340	6.16	0.97	2.75	0.64	0.16	0.05	0.03	0.04
B00168341	3.63	0.74	4.29	0.59	0.11	0.05	0.02	0.03
B00168342	4.05	0.32	5.70	0.69	0.11	0.05	0.03	0.04
*Rep B00168340	6.13	0.97	2.75	0.63	0.16	0.04	0.03	0.04

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Element Method Det.Lim. Units	Sum GO_XRF76V	@C GE_CSA06V	@S GE_CSA06V	@Hg GE_CVA20A	Au GE_FAM313	Pt GE_FAM313	Pd GE_FAM313
	0	0.005	0.005	0.005	1	0.5	0.5
	%	%	%	ppm	ppb	ppb	ppb
B00168339	99.7	0.667	0.134	0.011	17	15.3	14.4
B00168340	99.3	1.21	0.079	0.006	8	10.9	8.9
B00168341	99.1	0.671	0.080	0.009	12	11.7	11.7
B00168342	99.4	0.807	0.191	0.010	42	15.0	14.2
*Rep B00168341		0.670	0.085				
*Rep B00168339				0.010			
*Rep B00168339					21	14.1	13.3
*Rep B00168340					8	9.9	8.3
*Rep B00168340	99.0						

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Certificate of Analysis
Work Order : SU1800716
[Report File No.: 0000016299]

Date: August 15, 2018

To: Wesley Whymark
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: -
Project No.: SUDBURY_2_0
Samples: 6
Received: Jul 19, 2018
Pages: Page 1 to 9
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
6	SHIP	Shipping
6	G_WGH79	Weighing of samples and reporting of weights
6	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
6	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
6	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
6	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
6	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au GE_FAI525 ppb	Pt GE_FAI525 ppb	Pd GE_FAI525 ppb	@Al GE_ICM90A %	@Ba GE_ICM90A ppm	@Be GE_ICM90A ppm	@Ca GE_ICM90A %
B00168329	0.747	<5	<10	<5	0.91	18	<5	<0.1
B00168330	0.420	<5	<10	<5	1.73	16	<5	<0.1
B00168331	0.692	10	<10	<5	9.50	59	<5	0.5
B00168332	1.065	9	<10	<5	6.76	34	<5	0.3
B00168333	0.895	<5	<10	<5	9.86	1010	<5	0.2
B00168334	1.027	<5	<10	<5	7.98	479	<5	0.2
*Rep B00168330		<5	<10	<5				
*Rep B00168334					8.12	468	<5	0.2

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Element Method Det.Lim. Units	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	10	10	0.01	0.1	10	0.01	10	5
	ppm	ppm	%	%	ppm	%	ppm	ppm
B00168329	124	<10	0.99	0.2	<10	0.09	220	11
B00168330	168	<10	0.45	0.6	<10	0.02	39	16
B00168331	190	<10	0.89	0.3	<10	0.28	156	23
B00168332	74	123	2.59	0.2	15	2.22	270	51
B00168333	189	31	5.66	4.4	28	1.85	208	86
B00168334	137	<10	2.99	1.9	23	1.32	150	60
*Rep B00168334	143	<10	2.97	2.0	24	1.32	151	64

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Element Method Det.Lim. Units	@P	@Sc	Si	@Sr	@Ti	@V	@Zn	@Ag
	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 0.1 %	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 5 ppm	GE_ICM90A 1 ppm
B00168329	<0.01	<5	>30.0	<10	<0.01	9	<5	<1
B00168330	<0.01	<5	>30.0	11	0.03	9	<5	<1
B00168331	0.07	13	>30.0	76	0.40	96	<5	<1
B00168332	0.02	18	>30.0	41	0.32	101	14	<1
B00168333	0.07	20	21.9	34	0.43	136	26	<1
B00168334	0.05	14	>30.0	76	0.32	92	13	<1
*Rep B00168334	0.05	13	>30.0	76	0.32	95	16	<1

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Element Method Det.Lim. Units	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm
B00168329	<5	<0.1	<0.2	5.4	1.9	0.4	0.83	0.54
B00168330	<5	<0.1	<0.2	6.9	1.3	0.3	0.39	0.19
B00168331	7	<0.1	<0.2	5.9	11.1	0.4	18.0	10.3
B00168332	<5	<0.1	<0.2	14.8	11.4	0.5	2.11	1.30
B00168333	6	<0.1	<0.2	96.1	23.3	4.8	3.79	2.09
B00168334	<5	<0.1	<0.2	19.7	29.3	2.0	2.51	1.69
*Rep B00168334	<5	<0.1	<0.2	20.1	28.4	2.2	2.39	1.61

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168329	0.15	2	0.57	<1	<1	0.18	<0.2	2.9
B00168330	0.11	3	0.36	<1	1	0.07	<0.2	3.7
B00168331	2.39	17	11.2	<1	4	3.55	<0.2	3.1
B00168332	0.46	11	2.07	1	1	0.43	<0.2	6.6
B00168333	1.42	25	5.12	2	4	0.69	<0.2	48.0
B00168334	0.57	17	1.90	1	4	0.51	<0.2	9.4
*Rep B00168334	0.51	18	1.89	1	3	0.51	<0.2	9.6

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168329	0.12	4	<1	2.1	<5	0.60	4.6	1.6
B00168330	<0.05	5	1	2.6	<5	0.71	13.0	0.2
B00168331	1.12	2	10	3.7	<5	0.74	7.6	1.7
B00168332	0.22	<2	2	7.8	<5	1.82	3.6	0.9
B00168333	0.33	<2	7	36.7	<5	9.65	230	1.1
B00168334	0.29	<2	7	8.5	<5	2.20	96.8	1.3
*Rep B00168334	0.28	<2	6	8.8	<5	2.23	97.4	1.3

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168329	0.4	<1	<0.5	0.12	0.7	<0.5	0.07	1.20
B00168330	0.4	<1	<0.5	0.06	2.8	<0.5	<0.05	0.56
B00168331	3.3	3	0.9	2.57	13.6	<0.5	1.37	5.03
B00168332	2.2	<1	<0.5	0.33	1.8	<0.5	0.21	1.49
B00168333	6.7	2	0.9	0.71	16.6	1.1	0.30	5.25
B00168334	1.9	2	0.6	0.36	11.8	<0.5	0.24	3.97
*Rep B00168334	1.8	2	0.6	0.34	11.9	<0.5	0.26	3.94

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Element Method Det.Lim. Units	@W	@Y	@Yb	@Zr
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	1	0.5	0.1	0.5
	ppm	ppm	ppm	ppm
B00168329	<1	4.6	0.5	7.1
B00168330	1	1.7	0.2	39.7
B00168331	2	98.2	9.0	122
B00168332	<1	9.7	1.5	39.9
B00168333	2	17.1	2.0	118
B00168334	2	13.3	1.7	112
*Rep B00168334	2	13.1	1.6	113

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Certificate of Analysis
Work Order : SU1800717
[Report File No.: 0000016437]

Date: August 23, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: -
 Project No.: SUDBURY_2_0
 Samples: 4
 Received: Jul 19, 2018
 Pages: Page 1 to 11
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
4	SHIP	Shipping
4	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
4	G_WGH79	Weighing of samples and reporting of weights
4	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
4	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
4	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles
4	GO_XRF76V	@Ore grade Borate fusion, XRF (0.5g plus 1g LOI)
4	GE_CSA06V	@Exploration grade 0.005 - 30% S & C by IR Combustion
4	GE_CVA20A	Hg 5 - 100000 ppb Cold vapour AAS 0.15g-25ml
4	GE_FAM313	30 g, Fire assay, ICP-MS finish - New Pots

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element	WtKg	@Al	@Ba	@Be	@Ca	@Cr	@Cu	@Fe
Method	G_WGH79	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.001	0.01	10	5	0.1	10	10	0.01
Units	kg	%	ppm	ppm	%	ppm	ppm	%
B000168335	1.484	9.08	85	<5	0.1	245	17	6.22
B000168336	1.660	6.65	100	<5	3.7	28	91	9.41
B000168337	1.537	6.20	492	<5	4.2	97	52	17.7
B000168338	1.206	5.96	426	<5	5.0	90	118	16.8
*Rep B000168338		5.83	432	<5	5.0	92	110	16.8

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Element Method Det.Lim. Units	@K GE_ICM90A 0.1 %	@Li GE_ICM90A 10 ppm	@Mg GE_ICM90A 0.01 %	@Mn GE_ICM90A 10 ppm	@Ni GE_ICM90A 5 ppm	@P GE_ICM90A 0.01 %	@Sc GE_ICM90A 5 ppm	Si GE_ICM90A 0.1 %
B000168335	0.9	36	3.62	445	453	0.02	29	27.0
B000168336	0.5	21	2.07	1241	26	0.06	38	27.0
B000168337	0.8	<10	4.86	2169	133	0.21	26	19.6
B000168338	0.9	20	5.18	2274	133	0.20	20	18.3
*Rep B000168338	0.9	21	5.16	2277	134	0.20	20	18.3

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Element Method Det.Lim. Units	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm
B000168335	34	0.33	205	41	<1	<5	<0.1	0.2
B000168336	209	0.74	308	90	<1	9	0.2	0.4
B000168337	275	3.31	497	222	<1	<5	<0.1	<0.2
B000168338	166	2.96	461	240	<1	6	<0.1	<0.2
*Rep B000168338	167	2.97	472	236	<1	6	<0.1	<0.2

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Element Method Det.Lim. Units	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm
B000168335	8.6	26.2	1.2	1.45	0.62	0.29	20	1.52
B000168336	34.7	45.7	2.9	5.67	3.28	1.07	20	5.00
B000168337	46.8	101	0.6	5.55	2.95	1.83	22	6.29
B000168338	42.4	99.6	0.8	4.91	2.46	1.79	20	5.61
*Rep B000168338	41.4	99.7	0.8	5.07	2.54	1.85	20	5.63

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Element Method Det.Lim. Units	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm
B000168335	1	1	0.24	<0.2	4.0	0.11	<2	2
B000168336	2	4	1.14	<0.2	16.3	0.50	<2	6
B000168337	1	5	1.07	<0.2	20.8	0.45	<2	16
B000168338	1	4	0.94	<0.2	19.0	0.40	<2	13
*Rep B000168338	1	4	0.94	<0.2	18.3	0.38	<2	13

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Element Method Det.Lim. Units	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm
B000168335	4.6	<5	1.05	46.3	1.4	1.3	<1	<0.5
B000168336	17.8	7	4.23	33.3	2.1	4.3	2	<0.5
B000168337	27.8	6	6.17	22.0	<0.1	6.1	3	1.0
B000168338	25.6	5	5.62	19.7	0.3	5.5	2	0.8
*Rep B000168338	25.5	5	5.57	19.6	0.3	5.4	4	0.8

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Element Method Det.Lim. Units	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm	@W GE_ICM90A 1 ppm	@Y GE_ICM90A 0.5 ppm	@Yb GE_ICM90A 0.1 ppm
B000168335	0.24	1.5	<0.5	0.10	0.72	<1	6.6	0.6
B000168336	0.81	5.0	<0.5	0.50	1.40	1	29.2	3.4
B000168337	0.91	2.3	<0.5	0.43	0.59	<1	27.6	3.0
B000168338	0.76	1.3	<0.5	0.37	0.33	<1	24.2	2.5
*Rep B000168338	0.77	1.3	<0.5	0.37	0.36	<1	24.2	2.4

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Element	@Zr	Se	Te	@LOI	@SiO2	@Al2O3	@Fe2O3	@MgO
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V
Det.Lim.	0.5	0.2	1	-10.000	0.01	0.01	0.01	0.01
Units	ppm	ppm	ppm	%	%	%	%	%
B000168335	36.4	<0.2	<1	4.30	57.3	17.1	8.85	6.32
B000168336	113	0.3	<1	3.81	55.7	12.5	13.3	3.59
B000168337	186	0.3	<1	-1.20550	40.4	11.6	25.0	8.40
B000168338	138	0.2	<1	2.60	37.7	11.0	23.8	8.86
*Rep B000168338	139	0.3	<1					

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Element	@CaO	@K2O	@Na2O	@TiO2	@MnO	@P2O5	@Cr2O3	@V2O5
Method	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Units	%	%	%	%	%	%	%	%
B000168335	0.09	1.13	4.31	0.56	0.06	0.04	0.03	0.04
B000168336	5.09	0.62	3.14	1.18	0.16	0.13	<0.01	0.05
B000168337	5.81	0.99	2.56	5.40	0.28	0.46	0.01	0.09
B000168338	6.99	1.04	1.74	4.79	0.29	0.45	<0.01	0.09

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Element Method Det.Lim. Units	Sum GO_XRF76V	@C GE_CSA06V	@S GE_CSA06V	@Hg GE_CVA20A	Au GE_FAM313	Pt GE_FAM313	Pd GE_FAM313
	0	0.005	0.005	0.005	1	0.5	0.5
	%	%	%	ppm	ppb	ppb	ppb
B000168335	100.1	0.022	<0.005	<0.005	<1	<0.5	<0.5
B000168336	99.2	0.435	0.077	0.009	3	<0.5	<0.5
B000168337	99.9	0.017	0.059	<0.005	4	1.0	2.7
B000168338	99.3	0.014	0.010	<0.005	8	0.7	2.4
*Rep B000168335				<0.005			
*Rep B000168337					4	1.0	3.1
*Rep B000168335					N.A.	N.A.	N.A.
*Rep B000168336					1	<0.5	<0.5

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Certificate of Analysis
Work Order : SU1800721
[Report File No.: 0000016217]

Date: August 08, 2018

To: Wesley Whymark
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: -
Project No.: SUDBURY_2_0
Samples: 4
Received: Jul 20, 2018
Pages: Page 1 to 9
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
4	SHIP	Shipping
4	G_WGH79	Weighing of samples and reporting of weights
4	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
4	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
4	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
4	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
4	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	Au GE_FAI525 5 ppb	Pt GE_FAI525 10 ppb	Pd GE_FAI525 5 ppb	@Al GE_ICM90A 0.01 %	@Ba GE_ICM90A 10 ppm	@Be GE_ICM90A 5 ppm	@Ca GE_ICM90A 0.1 %
B00168343	2.375	384	<10	<5	3.81	72	<5	<0.1
B00168344	2.152	10	<10	<5	9.02	48	<5	1.1
B00168345	2.633	2539	<10	<5	2.21	63	<5	<0.1
B00168346	3.189	<5	<10	<5	7.87	23	<5	0.2
*Rep B00168346					7.96	26	<5	0.2
*Rep B00168346		<5	<10	<5				

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Element Method Det.Lim. Units	@Cr GE_ICM90A 10 ppm	@Cu GE_ICM90A 10 ppm	@Fe GE_ICM90A 0.01 %	@K GE_ICM90A 0.1 %	@Li GE_ICM90A 10 ppm	@Mg GE_ICM90A 0.01 %	@Mn GE_ICM90A 10 ppm	@Ni GE_ICM90A 5 ppm
B00168343	87	<10	1.55	0.4	<10	0.25	42	21
B00168344	175	<10	1.13	0.2	<10	0.65	153	21
B00168345	108	23	4.53	0.3	17	1.26	51	68
B00168346	78	<10	1.56	0.4	14	0.93	113	32
*Rep B00168346	75	<10	1.55	0.4	14	0.91	110	32

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Element Method Det.Lim. Units	@P GE_ICM90A 0.01 %	@Sc GE_ICM90A 5 ppm	Si GE_ICM90A 0.1 %	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm
B00168343	<0.01	<5	>30.0	29	0.05	7	<5	<1
B00168344	0.08	20	>30.0	72	0.37	87	<5	<1
B00168345	<0.01	<5	>30.0	<10	0.04	12	<5	<1
B00168346	0.02	<5	>30.0	32	0.16	21	6	<1
*Rep B00168346	0.02	<5	>30.0	32	0.16	20	6	<1

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Element Method Det.Lim. Units	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm
B00168343	6	0.8	<0.2	20.5	113	0.4	3.88	1.52
B00168344	7	<0.1	<0.2	6.4	11.9	0.2	9.33	4.91
B00168345	24	4.1	<0.2	17.0	411	0.4	27.6	13.0
B00168346	<5	<0.1	<0.2	55.1	5.4	0.4	1.91	0.92
*Rep B00168346	<5	<0.1	<0.2	55.6	5.2	0.3	1.98	0.99

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168343	0.88	7	4.96	<1	2	0.64	<0.2	8.3
B00168344	1.34	18	6.15	<1	4	1.78	<0.2	3.2
B00168345	2.75	8	22.6	1	1	5.11	<0.2	6.9
B00168346	0.75	15	2.60	<1	4	0.35	<0.2	29.6
*Rep B00168346	0.73	15	2.54	<1	4	0.36	<0.2	29.9

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168343	0.15	4	2	15.8	<5	3.08	12.3	1.1
B00168344	0.64	2	9	3.8	<5	0.82	5.5	1.9
B00168345	1.56	4	1	14.1	9	2.63	13.0	2.0
B00168346	0.24	<2	6	21.7	<5	6.02	4.8	1.2
*Rep B00168346	0.19	<2	6	21.9	<5	6.07	4.6	1.2

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Ti GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168343	4.6	1	<0.5	0.66	3.6	<0.5	0.20	0.85
B00168344	2.1	2	0.8	1.27	13.0	<0.5	0.73	4.33
B00168345	8.2	<1	<0.5	4.25	2.7	<0.5	1.88	1.00
B00168346	3.7	<1	0.7	0.32	8.8	<0.5	0.14	1.26
*Rep B00168346	3.8	<1	0.7	0.34	8.7	<0.5	0.15	1.22

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Element Method Det.Lim. Units	@W	@Y	@Yb	@Zr
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	1	0.5	0.1	0.5
	ppm	ppm	ppm	ppm
B00168343	2	18.9	1.2	47.8
B00168344	2	52.4	4.8	120
B00168345	2	142	12.1	32.8
B00168346	<1	10.1	0.9	122
*Rep B00168346	<1	10.5	1.0	128

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Certificate of Analysis
Work Order : SU1800763
[Report File No.: 0000016632]

Date: September 04, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
 Project No.: SUDBURY_2_0
 Samples: 3
 Received: Jul 26, 2018
 Pages: Page 1 to 11
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
3	SHIP	Shipping
3	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
3	G_WGH79	Weighing of samples and reporting of weights
3	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
3	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
3	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles
3	GO_XRF76V	@Ore grade Borate fusion, XRF (0.5g plus 1g LOI)
3	GE_CSA06V	@Exploration grade 0.005 - 30% S & C by IR Combustion
3	GE_CVA20A	Hg 5 - 100000 ppb Cold vapour AAS 0.15g-25ml
3	GE_FAM313	30 g, Fire assay, ICP-MS finish - New Pots

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element	WtKg	@Al	@Ba	@Be	@Ca	@Cr	@Cu	@Fe
Method	G_WGH79	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.001	0.01	10	5	0.1	10	10	0.01
Units	kg	%	ppm	ppm	%	ppm	ppm	%
B00168353	0.485	6.99	130	<5	8.9	131	169	8.99
B00168354	0.663	7.28	229	<5	7.7	126	191	9.62
B00168355	0.691	7.09	386	<5	8.5	124	121	8.57
*Rep B00168355		6.95	387	<5	8.4	124	119	8.50

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Element Method	@K GE_ICM90A	@Li GE_ICM90A	@Mg GE_ICM90A	@Mn GE_ICM90A	@Ni GE_ICM90A	@P GE_ICM90A	@Sc GE_ICM90A	Si GE_ICM90A
Det.Lim.	0.1	10	0.01	10	5	0.01	5	0.1
Units	%	ppm	%	ppm	ppm	%	ppm	%
B00168353	0.5	22	3.77	1509	96	0.11	32	21.1
B00168354	0.7	32	4.13	1629	154	0.11	34	21.1
B00168355	1.6	49	4.03	1614	102	0.10	33	22.1
*Rep B00168355	1.6	47	4.00	1582	104	0.10	32	21.8

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Element Method Det.Lim. Units	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm
B00168353	1042	1.13	290	119	<1	7	0.1	0.2
B00168354	1005	1.21	299	143	<1	8	<0.1	0.3
B00168355	1018	1.15	286	166	<1	17	0.2	0.7
*Rep B00168355	1002	1.14	283	165	<1	17	0.2	0.7

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Element Method Det.Lim. Units	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm
B00168353	47.2	51.4	2.5	4.32	2.19	1.90	19	5.32
B00168354	48.2	49.9	4.1	4.34	2.15	1.79	17	5.29
B00168355	45.1	51.0	5.9	4.04	2.05	1.88	17	5.10
*Rep B00168355	44.8	50.3	5.3	4.06	2.05	1.87	16	5.04

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Element Method Det.Lim. Units	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm
B00168353	2	3	0.81	<0.2	21.1	0.33	<2	21
B00168354	2	4	0.82	<0.2	21.5	0.33	<2	21
B00168355	2	3	0.76	<0.2	20.5	0.27	<2	20
*Rep B00168355	2	3	0.79	<0.2	20.1	0.30	<2	20

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Element Method Det.Lim. Units	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm
B00168353	27.1	23	6.26	25.9	3.1	5.7	2	1.2
B00168354	27.5	19	6.35	34.5	3.6	5.9	2	1.3
B00168355	25.8	51	5.85	78.6	2.8	5.6	2	1.2
*Rep B00168355	24.9	50	5.93	76.9	2.7	5.3	3	1.2

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Element Method Det.Lim. Units	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm	@W GE_ICM90A 1 ppm	@Y GE_ICM90A 0.5 ppm	@Yb GE_ICM90A 0.1 ppm
B00168353	0.76	2.3	<0.5	0.30	0.64	2	19.8	1.8
B00168354	0.78	2.4	<0.5	0.29	0.65	2	19.7	1.8
B00168355	0.73	2.2	0.7	0.28	0.58	1	19.2	1.7
*Rep B00168355	0.73	2.1	0.6	0.29	0.56	1	19.0	1.7

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Element Method Det.Lim. Units	@Zr GE_ICM90A 0.5 ppm	Se GE_ICM90A 0.2 ppm	Te GE_ICM90A 1 ppm	@LOI GO_XRF76V -10.000 %	@SiO2 GO_XRF76V 0.01 %	@Al2O3 GO_XRF76V 0.01 %	@Fe2O3 GO_XRF76V 0.01 %	@MgO GO_XRF76V 0.01 %
B00168353	130	0.5	<1	4.01	44.9	13.4	13.0	6.63
B00168354	132	0.8	<1	3.74	44.5	13.9	13.8	7.12
B00168355	124	0.3	<1	5.97	45.1	13.2	12.0	6.88
*Rep B00168355	125	0.3	<1					
*Rep B00168353				3.98	44.7	13.3	12.9	6.62

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Element	@CaO	@K2O	@Na2O	@TiO2	@MnO	@P2O5	@Cr2O3	@V2O5
Method	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Units	%	%	%	%	%	%	%	%
B00168353	12.6	0.68	1.60	1.89	0.21	0.25	0.02	0.05
B00168354	10.9	0.91	1.65	2.00	0.22	0.25	0.01	0.06
B00168355	11.8	1.91	0.28	1.87	0.21	0.23	0.02	0.05
*Rep B00168353	12.7	0.68	1.58	1.89	0.20	0.26	0.02	0.06

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Element Method Det.Lim. Units	Sum GO_XRF76V	@C GE_CSA06V	@S GE_CSA06V	@Hg GE_CVA20A	Au GE_FAM313	Pt GE_FAM313	Pd GE_FAM313
	0	0.005	0.005	0.005	1	0.5	0.5
	%	%	%	ppm	ppb	ppb	ppb
B00168353	99.3	0.475	0.282	0.021	7	4.3	3.3
B00168354	99.1	0.382	0.263	0.012	5	5.7	4.3
B00168355	99.5	0.861	0.055	0.031	5	4.5	3.5
*Rep B00168354		0.385	0.271				
*Rep B00168353				0.020			
*Rep B00168353					7	4.1	3.2
*Rep B00168355					6	4.3	3.5
*Rep B00168353	98.9						

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Certificate of Analysis
Work Order : SU1800764
[Report File No.: 0000016618]

Date: August 31, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: -
 Project No.: SUDBURY_2_0
 Samples: 6
 Received: Jul 26, 2018
 Pages: Page 1 to 9
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
6	SHIP	Shipping
6	G_WGH79	Weighing of samples and reporting of weights
5	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
6	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
6	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
6	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
6	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au GE_FAI525 ppb	Pt GE_FAI525 ppb	Pd GE_FAI525 ppb	@Al GE_ICM90A %	@Ba GE_ICM90A ppm	@Be GE_ICM90A ppm	@Ca GE_ICM90A %
B00168347	1.475	<5	<10	<5	2.97	408	<5	<0.1
B00168348	0.299	<5	<10	<5	7.25	26	<5	0.5
B00168349	0.697	251	16	17	0.96	23	<5	<0.1
B00168350	0.105	6	<10	<5	8.11	392	<5	5.3
B00168351	0.944	<5	<10	<5	4.81	378	<5	5.9
B00168352	2.045	<5	<10	<5	9.12	973	<5	0.6
*Rep B00168348		<5	<10	<5				
*Rep B00168352					9.23	952	<5	0.6

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Element	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	10	10	0.01	0.1	10	0.01	10	5
Units	ppm	ppm	%	%	ppm	%	ppm	ppm
B00168347	107	<10	0.64	2.5	<10	0.04	38	10
B00168348	173	24	2.08	0.2	13	1.55	93	60
B00168349	161	<10	1.98	0.1	<10	0.57	115	38
B00168350	398	310	5.38	1.0	13	4.17	1166	189
B00168351	43	<10	3.96	2.2	20	3.09	4750	17
B00168352	160	<10	3.68	4.9	<10	0.83	621	64
*Rep B00168352	148	<10	3.65	5.0	<10	0.83	628	61

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Element Method Det.Lim. Units	@P GE_ICM90A 0.01 %	@Sc GE_ICM90A 5 ppm	Si GE_ICM90A 0.1 %	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm
B00168347	0.01	<5	>30.0	33	0.03	8	<5	<1
B00168348	0.05	6	>30.0	99	0.21	53	9	<1
B00168349	<0.01	<5	>30.0	<10	0.02	9	16	<1
B00168350	0.04	20	28.2	341	0.24	121	86	<1
B00168351	0.05	<5	25.5	86	0.07	33	23	<1
B00168352	0.05	14	>30.0	44	0.31	105	15	<1
*Rep B00168352	0.05	15	>30.0	45	0.31	102	12	<1

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Element Method Det.Lim. Units	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm
B00168347	<5	<0.1	<0.2	13.8	3.1	0.9	1.05	0.59
B00168348	<5	<0.1	<0.2	34.5	6.7	0.1	2.85	1.66
B00168349	<5	<0.1	<0.2	2.8	8.4	1.0	0.47	0.27
B00168350	178	0.1	0.3	28.9	35.2	1.2	3.32	2.19
B00168351	<5	0.7	<0.2	91.2	10.3	2.2	4.62	1.95
B00168352	<5	0.2	<0.2	93.0	15.7	5.6	3.45	1.70
*Rep B00168352	<5	0.2	<0.2	91.4	17.2	5.3	3.16	1.58

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168347	0.24	6	0.90	<1	1	0.19	<0.2	6.9
B00168348	0.84	17	2.66	<1	5	0.57	<0.2	15.2
B00168349	0.06	4	0.27	<1	<1	0.11	<0.2	1.5
B00168350	0.76	17	2.90	2	3	0.70	<0.2	13.6
B00168351	1.56	12	6.90	<1	3	0.78	<0.2	41.4
B00168352	2.00	26	4.87	1	3	0.62	<0.2	53.4
*Rep B00168352	2.02	25	4.76	1	3	0.57	<0.2	52.2

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168347	<0.05	3	1	5.3	5	1.49	69.1	1.4
B00168348	0.19	3	6	15.2	<5	4.00	3.3	0.8
B00168349	<0.05	5	<1	1.2	<5	0.30	6.5	0.4
B00168350	0.32	8	7	13.3	16	3.35	36.1	2.3
B00168351	0.23	<2	4	41.5	5	10.4	99.8	1.6
B00168352	0.19	2	8	36.9	<5	9.58	271	2.3
*Rep B00168352	0.15	2	8	35.8	<5	9.44	272	2.3

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Element Method Det.Lim. Units	@Sm	@Sn	@Ta	@Tb	@Th	@Tl	@Tm	@U
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	0.1	1	0.5	0.05	0.1	0.5	0.05	0.05
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00168347	0.9	<1	<0.5	0.17	3.8	<0.5	0.08	1.04
B00168348	2.9	<1	0.6	0.43	9.2	<0.5	0.24	3.28
B00168349	0.2	<1	<0.5	0.06	0.1	<0.5	<0.05	0.08
B00168350	2.9	2	<0.5	0.50	3.8	<0.5	0.34	1.24
B00168351	8.6	1	<0.5	0.90	4.8	<0.5	0.27	1.41
B00168352	6.4	2	0.7	0.65	12.9	1.1	0.25	3.09
*Rep B00168352	6.3	2	0.7	0.60	12.9	1.1	0.21	3.07

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Final : SU1800764 Order:

Report File No.: 0000016618

Element Method Det.Lim. Units	@W	@Y	@Yb	@Zr
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	1	0.5	0.1	0.5
	ppm	ppm	ppm	ppm
B00168347	<1	5.6	0.5	44.8
B00168348	2	15.5	1.6	160
B00168349	1	2.6	0.2	2.0
B00168350	2	19.8	2.3	72.1
B00168351	2	21.0	1.7	101
B00168352	2	16.6	1.6	85.8
*Rep B00168352	2	16.0	1.5	84.3

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Certificate of Analysis
Work Order : SU1800815
[Report File No.: 0000016649]

Date: September 04, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: -
Project No.: SUDBURY_2_0
Samples: 9
Received: Aug 7, 2018
Pages: Page 1 to 9
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
9	SHIP	Shipping
9	G_WGH79	Weighing of samples and reporting of weights
9	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
9	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
9	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
9	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
9	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site

Certified By : 
Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au GE_FAI525 ppb	Pt GE_FAI525 ppb	Pd GE_FAI525 ppb	@Al GE_ICM90A %	@Ba GE_ICM90A ppm	@Be GE_ICM90A ppm	@Ca GE_ICM90A %
B00168356	0.765	<5	<10	<5	5.05	18	<5	<0.1
B00168357	0.995	<5	<10	<5	5.99	59	<5	0.1
B00168358	0.724	<5	<10	<5	4.59	37	<5	0.1
B00168359	1.429	<5	<10	<5	3.74	15	<5	<0.1
B00168360	0.322	<5	<10	<5	1.58	20	<5	<0.1
B00168361	0.475	<5	<10	<5	3.88	17	<5	0.2
B00168362	1.799	<5	<10	<5	9.98	44	<5	0.9
B00168363	0.102	<5	<10	<5	0.19	<10	<5	0.7
B00168364	0.418	<5	<10	<5	8.01	67	<5	0.2
*Rep B00168356		<5	<10	<5				
*Rep B00168364					7.83	68	<5	0.2

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Element Method Det.Lim. Units	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
	GE_ICM90A 10 ppm	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 0.1 %	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 10 ppm	GE_ICM90A 5 ppm
B00168356	91	<10	1.94	0.5	19	1.80	82	42
B00168357	98	<10	0.69	1.1	<10	0.11	174	13
B00168358	104	<10	0.94	0.7	<10	0.12	111	6
B00168359	104	<10	1.07	0.5	<10	0.64	87	24
B00168360	164	<10	0.44	0.6	<10	0.02	35	8
B00168361	142	<10	1.41	0.4	<10	0.93	200	23
B00168362	49	<10	1.11	1.8	<10	0.53	430	18
B00168363	39	<10	19.8	<0.1	<10	15.8	2716	27
B00168364	95	<10	3.28	1.4	24	3.09	150	64
*Rep B00168364	95	<10	3.27	1.3	25	3.07	149	67

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Element Method Det.Lim. Units	@P	@Sc	Si	@Sr	@Ti	@V	@Zn	@Ag
	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 0.1 %	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 5 ppm	GE_ICM90A 1 ppm
B00168356	0.01	<5	>30.0	22	0.05	26	9	<1
B00168357	<0.01	7	>30.0	35	0.09	30	<5	<1
B00168358	0.01	<5	>30.0	24	0.08	18	9	<1
B00168359	<0.01	<5	>30.0	22	0.04	20	8	<1
B00168360	<0.01	<5	>30.0	14	0.02	9	<5	<1
B00168361	<0.01	<5	>30.0	29	0.05	21	8	<1
B00168362	0.03	<5	>30.0	42	0.08	22	21	<1
B00168363	<0.01	86	0.9	10	<0.01	<5	11	<1
B00168364	<0.01	8	>30.0	34	0.16	58	13	<1
*Rep B00168364	<0.01	8	>30.0	35	0.15	58	13	<1

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Element Method Det.Lim. Units	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm
B00168356	<5	<0.1	<0.2	20.2	7.2	0.4	1.41	0.73
B00168357	<5	<0.1	<0.2	10.6	2.3	0.7	0.77	0.48
B00168358	<5	<0.1	<0.2	22.5	0.9	0.4	1.16	0.64
B00168359	<5	<0.1	0.7	20.9	3.1	0.4	0.76	0.39
B00168360	<5	<0.1	<0.2	11.2	1.3	0.2	0.42	0.21
B00168361	<5	<0.1	<0.2	18.5	2.4	0.2	1.07	0.61
B00168362	<5	<0.1	<0.2	50.2	1.7	1.1	4.41	2.48
B00168363	<5	<0.1	<0.2	0.8	25.4	0.1	0.47	0.55
B00168364	<5	<0.1	<0.2	40.6	13.5	0.7	1.48	0.84
*Rep B00168364	<5	<0.1	<0.2	42.0	13.8	0.8	1.45	0.86

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168356	0.40	12	1.37	<1	1	0.27	<0.2	10.7
B00168357	0.20	13	0.76	<1	3	0.15	<0.2	5.6
B00168358	0.31	8	1.09	<1	2	0.23	<0.2	11.9
B00168359	0.35	7	0.91	<1	1	0.15	<0.2	11.2
B00168360	0.13	3	0.45	<1	1	0.07	<0.2	6.5
B00168361	0.35	8	0.98	<1	1	0.22	<0.2	9.9
B00168362	0.85	15	3.61	<1	2	0.89	<0.2	27.3
B00168363	<0.05	<1	0.13	<1	<1	0.13	<0.2	0.4
B00168364	0.65	25	1.85	1	3	0.28	<0.2	20.5
*Rep B00168364	0.65	25	1.94	<1	3	0.29	<0.2	21.7

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168356	0.28	<2	2	7.8	<5	2.27	10.5	0.6
B00168357	0.15	<2	4	4.3	<5	1.23	41.3	0.8
B00168358	0.18	<2	3	8.4	<5	2.51	24.6	0.7
B00168359	0.08	<2	2	8.2	<5	2.35	8.7	0.8
B00168360	0.12	<2	<1	4.1	<5	1.25	17.8	0.3
B00168361	0.17	<2	2	7.2	7	2.06	13.6	0.6
B00168362	0.45	<2	3	19.1	<5	5.54	33.0	0.7
B00168363	0.14	<2	<1	0.3	<5	0.09	2.1	0.2
B00168364	0.20	<2	5	17.3	<5	4.80	50.6	0.6
*Rep B00168364	0.24	<2	5	17.7	<5	4.97	52.4	0.7

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168356	1.4	1	<0.5	0.24	3.3	<0.5	0.11	0.60
B00168357	0.7	2	<0.5	0.12	5.0	<0.5	0.07	1.59
B00168358	1.3	2	<0.5	0.18	3.9	<0.5	0.10	0.81
B00168359	1.2	<1	<0.5	0.14	2.9	<0.5	0.06	0.65
B00168360	0.7	<1	<0.5	0.07	2.5	<0.5	<0.05	0.54
B00168361	1.1	2	<0.5	0.18	2.9	<0.5	0.08	0.66
B00168362	3.1	1	<0.5	0.71	5.6	<0.5	0.35	0.76
B00168363	<0.1	1	<0.5	0.06	<0.1	<0.5	0.15	0.38
B00168364	2.9	3	<0.5	0.26	7.5	<0.5	0.13	1.55
*Rep B00168364	3.0	3	<0.5	0.26	7.1	<0.5	0.12	1.51

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Element Method Det.Lim. Units	@W	@Y	@Yb	@Zr
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	1	0.5	0.1	0.5
	ppm	ppm	ppm	ppm
B00168356	<1	7.1	0.6	35.7
B00168357	<1	4.3	0.5	81.2
B00168358	<1	6.1	0.6	57.3
B00168359	<1	3.8	0.4	32.5
B00168360	<1	1.8	0.2	38.1
B00168361	<1	5.6	0.5	38.4
B00168362	<1	23.4	2.1	59.7
B00168363	<1	3.3	1.5	1.4
B00168364	<1	7.5	0.8	96.9
*Rep B00168364	<1	8.0	0.9	85.5

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Certificate of Analysis
Work Order : SU1800869
[Report File No.: 0000016792]

Date: September 14, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: -
Project No.: SUDBURY_2_0
Samples: 4
Received: Aug 21, 2018
Pages: Page 1 to 9
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
4	SHIP	Shipping
4	G_WGH79	Weighing of samples and reporting of weights
4	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
4	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
4	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
4	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
4	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site
Replicate/Duplicate results outside acceptance criteria due to high probability of coarse gold

Certified By : 
Brett Pipher
Project Coordinator

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Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	Au GE_FAI525 5 ppb	Pt GE_FAI525 10 ppb	Pd GE_FAI525 5 ppb	@Al GE_ICM90A 0.01 %	@Ba GE_ICM90A 10 ppm	@Be GE_ICM90A 5 ppm	@Ca GE_ICM90A 0.1 %
B00168365	2.605	6903	<10	<5	0.55	25	<5	0.3
B00168366	1.062	<5	<10	<5	3.07	134	<5	1.2
B00168367	2.008	36	<10	<5	0.03	13	<5	1.8
B00168368	0.226	8	<10	<5	5.89	100	<5	1.1
*Rep B00168365		9399	<10	<5				
*Rep B00168368					5.76	102	<5	1.1
*Rep B00168365		6242	<10	<5				
*Rep B00168365		7319	<10	<5				

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Element Method Det.Lim. Units	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	10	10	0.01	0.1	10	0.01	10	5
	ppm	ppm	%	%	ppm	%	ppm	ppm
B00168365	33	1638	1.15	<0.1	<10	0.09	248	11
B00168366	32	<10	3.95	0.5	24	1.06	651	37
B00168367	<10	29	20.3	<0.1	<10	1.44	10980	6
B00168368	44	121	1.60	0.5	<10	0.25	600	12
*Rep B00168368	55	111	1.60	0.5	<10	0.25	599	9

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Element Method Det.Lim. Units	@P GE_ICM90A 0.01 %	@Sc GE_ICM90A 5 ppm	Si GE_ICM90A 0.1 %	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm
B00168365	<0.01	<5	>30.0	34	0.01	<5	73	5
B00168366	<0.01	<5	>30.0	121	0.07	35	83	<1
B00168367	<0.01	<5	22.8	13	<0.01	18	23	<1
B00168368	0.02	<5	>30.0	129	0.11	24	98	<1
*Rep B00168368	0.02	<5	>30.0	133	0.11	25	94	<1

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Element Method Det.Lim. Units	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm
B00168365	19	7.7	0.5	3.9	3.6	0.2	0.22	0.16
B00168366	7	0.1	<0.2	12.0	8.7	0.8	0.94	0.60
B00168367	11	<0.1	<0.2	1.3	6.1	0.1	0.22	0.23
B00168368	20	1.3	0.3	14.0	6.9	0.5	1.04	0.59
*Rep B00168368	17	1.2	0.3	13.9	7.0	0.5	1.19	0.66

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168365	0.07	1	0.24	1	<1	<0.05	<0.2	2.0
B00168366	0.26	10	0.86	1	2	0.19	<0.2	6.0
B00168367	0.14	<1	0.21	<1	<1	0.06	<0.2	0.8
B00168368	0.35	9	1.10	<1	2	0.19	<0.2	6.7
*Rep B00168368	0.35	9	1.16	<1	2	0.23	<0.2	6.6

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168365	0.11	<2	<1	1.5	1546	0.45	3.2	3.9
B00168366	0.20	<2	2	5.4	6	1.45	13.5	0.4
B00168367	0.17	<2	<1	0.8	7	0.17	0.6	0.8
B00168368	0.20	<2	2	6.3	185	1.77	15.0	0.7
*Rep B00168368	0.24	<2	3	6.6	178	1.72	15.3	0.8

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168365	0.3	<1	<0.5	<0.05	0.6	<0.5	<0.05	0.16
B00168366	1.0	<1	<0.5	0.15	1.4	<0.5	0.09	0.69
B00168367	0.1	<1	<0.5	<0.05	<0.1	<0.5	<0.05	0.23
B00168368	1.2	<1	<0.5	0.16	2.8	<0.5	0.08	0.79
*Rep B00168368	1.3	<1	<0.5	0.18	3.0	<0.5	0.10	0.82

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Element	@W	@Y	@Yb	@Zr
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	1	0.5	0.1	0.5
Units	ppm	ppm	ppm	ppm
B00168365	<1	1.5	0.2	9.1
B00168366	<1	6.3	0.6	63.7
B00168367	<1	3.0	0.3	<0.5
B00168368	<1	5.7	0.6	71.0
*Rep B00168368	<1	6.3	0.7	67.5

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Certificate of Analysis
Work Order : SU1800913
[Report File No.: 0000016895]

Date: September 20, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: -
Project No.: SUDBURY_2_0
Samples: 2
Received: Sep 10, 2018
Pages: Page 1 to 9
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
2	SHIP	Shipping
2	G_WGH79	Weighing of samples and reporting of weights
2	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
2	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
2	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
2	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
2	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site

Certified By : 
Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	Au GE_FAI525 5 ppb	Pt GE_FAI525 10 ppb	Pd GE_FAI525 5 ppb	@Al GE_ICM90A 0.01 %	@Ba GE_ICM90A 10 ppm	@Be GE_ICM90A 5 ppm	@Ca GE_ICM90A 0.1 %
B00168375	1.260	141	<10	<5	8.75	203	<5	0.3
B00168376	2.187	53	<10	<5	7.42	56	<5	0.4
*Rep B00168376					7.26	55	<5	0.4
*Rep B00168376		55	<10	<5				

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Element	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	10	10	0.01	0.1	10	0.01	10	5
Units	ppm	ppm	%	%	ppm	%	ppm	ppm
B00168375	156	33	5.65	0.7	22	2.24	277	141
B00168376	128	260	8.51	0.3	<10	0.93	129	100
*Rep B00168376	126	258	8.40	0.3	<10	0.93	127	100

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Element Method Det.Lim. Units	@P GE_ICM90A 0.01 %	@Sc GE_ICM90A 5 ppm	Si GE_ICM90A 0.1 %	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm
B00168375	0.05	15	27.3	151	0.39	134	26	<1
B00168376	0.13	11	27.2	119	0.32	87	8	<1
*Rep B00168376	0.13	11	26.3	116	0.31	85	7	<1

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Element	@As	@Bi	@Cd	@Ce	@Co	@Cs	@Dy	@Er
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	5	0.1	0.2	0.1	0.5	0.1	0.05	0.05
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00168375	23	1.5	<0.2	25.2	218	1.1	4.50	2.15
B00168376	123	6.7	<0.2	36.4	2101	1.0	4.53	2.15
*Rep B00168376	126	6.6	<0.2	34.6	2101	1.1	4.37	2.14

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168375	1.25	20	3.60	1	4	0.80	<0.2	12.6
B00168376	1.05	16	4.17	<1	4	0.82	<0.2	15.5
*Rep B00168376	1.03	16	4.13	<1	3	0.79	<0.2	14.8

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168375	0.38	3	10	11.3	9	2.85	22.3	2.1
B00168376	0.33	94	9	17.6	23	4.45	6.7	1.3
*Rep B00168376	0.26	93	9	16.6	24	4.30	6.5	1.2

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168375	3.0	2	0.9	0.67	13.1	<0.5	0.32	6.53
B00168376	3.9	<1	0.8	0.73	14.9	<0.5	0.28	4.63
*Rep B00168376	3.8	1	0.8	0.71	14.5	<0.5	0.27	4.54

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Element	@W	@Y	@Yb	@Zr
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	1	0.5	0.1	0.5
Units	ppm	ppm	ppm	ppm
B00168375	7	21.7	2.0	137
B00168376	2	22.5	1.8	122
*Rep B00168376	2	22.5	1.7	121

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Certificate of Analysis
Work Order : SU1800914
[Report File No.: 0000016955]

Date: September 24, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: -
 Project No.: SUDBURY_2_0
 Samples: 6
 Received: Sep 10, 2018
 Pages: Page 1 to 9
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
6	SHIP	Shipping
6	G_WGH79	Weighing of samples and reporting of weights
5	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
6	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
6	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
6	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
6	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au GE_FAI525 ppb	Pt GE_FAI525 ppb	Pd GE_FAI525 ppb	@Al GE_ICM90A %	@Ba GE_ICM90A ppm	@Be GE_ICM90A ppm	@Ca GE_ICM90A %
B00168369	1.222	6	<10	<5	8.82	40	<5	0.5
B00168370	0.158	510	29	31	8.05	388	<5	5.3
B00168371	0.331	5	<10	11	7.70	67	<5	0.4
B00168372	2.823	20	<10	<5	7.86	25	<5	1.5
B00168373	0.992	<5	<10	<5	7.04	23	<5	0.6
B00168374	0.651	<5	<10	<5	7.71	22	<5	0.4
*Rep B00168370		530	23	31				
*Rep B00168374					7.57	22	<5	0.4

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Element	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	10	10	0.01	0.1	10	0.01	10	5
Units	ppm	ppm	%	%	ppm	%	ppm	ppm
B00168369	134	<10	1.52	0.2	<10	0.72	177	27
B00168370	387	300	5.23	1.1	12	4.27	1149	200
B00168371	102	<10	2.08	0.1	<10	1.49	515	46
B00168372	124	<10	2.75	0.1	16	2.88	231	79
B00168373	156	<10	8.34	<0.1	29	5.46	895	108
B00168374	103	<10	2.09	0.2	<10	1.54	207	48
*Rep B00168374	100	<10	2.07	0.2	<10	1.54	208	51

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Element Method Det.Lim. Units	@P	@Sc	Si	@Sr	@Ti	@V	@Zn	@Ag
	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 0.1 %	GE_ICM90A 10 ppm	GE_ICM90A 0.01 %	GE_ICM90A 5 ppm	GE_ICM90A 5 ppm	GE_ICM90A 1 ppm
B00168369	0.09	28	>30.0	75	0.37	80	<5	<1
B00168370	0.03	19	26.6	326	0.23	119	81	<1
B00168371	0.07	8	>30.0	89	0.27	84	<5	<1
B00168372	0.06	36	28.0	98	0.29	132	9	<1
B00168373	0.13	57	23.8	51	0.33	184	6	<1
B00168374	0.06	11	>30.0	92	0.28	87	<5	<1
*Rep B00168374	0.06	11	>30.0	90	0.28	86	<5	<1

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Element Method Det.Lim. Units	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm
B00168369	<5	<0.1	<0.2	5.7	8.3	0.1	3.08	1.75
B00168370	155	0.2	0.3	25.7	31.3	1.2	3.00	1.96
B00168371	6	<0.1	<0.2	18.1	18.5	0.1	35.3	17.9
B00168372	<5	<0.1	<0.2	19.5	6.3	0.1	13.1	6.76
B00168373	<5	<0.1	<0.2	125	9.4	0.1	57.4	28.8
B00168374	<5	<0.1	<0.2	26.4	9.5	0.1	38.4	19.5
*Rep B00168374	<5	<0.1	<0.2	27.0	9.0	0.2	38.7	19.9

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168369	0.81	16	2.67	<1	3	0.59	<0.2	2.9
B00168370	0.67	15	2.85	2	2	0.64	<0.2	12.3
B00168371	4.44	17	24.0	<1	3	6.65	<0.2	8.6
B00168372	1.92	19	9.32	<1	4	2.46	<0.2	9.9
B00168373	9.73	24	43.0	1	3	10.8	<0.2	60.7
B00168374	5.06	17	26.5	<1	4	7.23	<0.2	12.5
*Rep B00168374	5.13	17	26.9	<1	4	7.47	<0.2	12.6

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168369	0.46	2	10	3.4	<5	0.75	4.1	1.4
B00168370	0.59	7	6	12.7	18	3.10	36.1	2.6
B00168371	1.53	2	4	9.8	9	2.20	1.8	0.8
B00168372	0.68	3	7	9.6	17	2.31	1.8	1.6
B00168373	2.58	<2	8	57.3	<5	14.5	0.7	2.0
B00168374	1.67	<2	5	13.5	<5	3.15	2.0	0.7
*Rep B00168374	1.66	<2	7	13.7	5	3.23	2.1	0.8

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168369	1.4	2	0.8	0.48	11.2	<0.5	0.25	3.49
B00168370	2.8	3	<0.5	0.46	3.7	<0.5	0.30	1.26
B00168371	6.8	<1	<0.5	4.99	7.4	<0.5	2.25	2.77
B00168372	3.9	2	0.6	1.89	9.4	<0.5	0.91	3.50
B00168373	19.6	3	0.8	8.56	13.1	<0.5	3.68	4.11
B00168374	8.2	1	0.6	5.54	7.5	<0.5	2.41	2.68
*Rep B00168374	8.3	3	0.6	5.74	7.6	<0.5	2.46	2.73

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Element Method Det.Lim. Units	@W	@Y	@Yb	@Zr
	GE_ICM90A 1 ppm	GE_ICM90A 0.5 ppm	GE_ICM90A 0.1 ppm	GE_ICM90A 0.5 ppm
B00168369	2	17.4	1.7	122
B00168370	2	18.6	2.1	79.3
B00168371	2	197	12.9	137
B00168372	1	73.9	5.4	137
B00168373	3	333	21.4	110
B00168374	2	217	14.1	144
*Rep B00168374	2	220	14.0	141

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Certificate of Analysis
Work Order : SU1800917
[Report File No.: 0000016933]

Date: September 21, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
82 RICHMOND STREET EAST 1ST FLOOR
TORONTO ON M5C 1P1

P.O. No.: -
Project No.: SUDBURY_2_0
Samples: 2
Received: Sep 11, 2018
Pages: Page 1 to 9
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
2	SHIP	Shipping
2	G_WGH79	Weighing of samples and reporting of weights
2	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
2	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
2	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
2	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
2	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
Preparation of samples was performed at the SGS Sudbury site

Certified By : 
Brett Pipher
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	Au GE_FAI525 5 ppb	Pt GE_FAI525 10 ppb	Pd GE_FAI525 5 ppb	@Al GE_ICM90A 0.01 %	@Ba GE_ICM90A 10 ppm	@Be GE_ICM90A 5 ppm	@Ca GE_ICM90A 0.1 %
B00168379	1.200	<5	<10	<5	7.83	22	<5	0.9
B00168382	2.278	<5	<10	<5	7.65	23	<5	0.9
*Rep B00168382					7.67	23	<5	0.9
*Rep B00168379		7	<10	<5				

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Element	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	10	10	0.01	0.1	10	0.01	10	5
Units	ppm	ppm	%	%	ppm	%	ppm	ppm
B00168379	129	28	2.64	0.2	11	2.25	155	68
B00168382	127	<10	2.37	0.2	<10	1.90	177	56
*Rep B00168382	117	<10	2.35	0.2	<10	1.86	174	53

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Element Method Det.Lim. Units	@P GE_ICM90A 0.01 %	@Sc GE_ICM90A 5 ppm	Si GE_ICM90A 0.1 %	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm
B00168379	0.09	17	>30.0	90	0.27	107	<5	<1
B00168382	0.08	13	>30.0	97	0.27	87	7	<1
*Rep B00168382	0.08	13	>30.0	96	0.27	85	<5	<1

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Element Method Det.Lim. Units	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm
B00168379	<5	<0.1	<0.2	33.7	11.7	<0.1	37.0	18.6
B00168382	<5	<0.1	<0.2	29.2	12.3	<0.1	39.9	20.1
*Rep B00168382	<5	<0.1	<0.2	29.3	12.0	<0.1	39.9	20.1

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168379	5.16	19	25.6	<1	4	7.14	<0.2	15.7
B00168382	5.44	17	27.6	<1	4	7.69	<0.2	13.8
*Rep B00168382	5.38	16	27.5	<1	4	7.70	<0.2	13.8

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168379	1.60	3	6	17.2	<5	4.11	1.9	1.0
B00168382	2.10	3	6	15.4	5	3.61	1.9	1.0
*Rep B00168382	1.81	3	7	15.6	<5	3.63	1.8	1.0

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168379	8.8	5	0.6	5.51	9.6	<0.5	2.37	2.80
B00168382	8.8	2	0.6	5.89	8.0	<0.5	2.52	2.60
*Rep B00168382	8.9	2	0.6	5.87	8.0	<0.5	2.56	2.52

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Final : SU1800917 Order:

Report File No.: 0000016933

Element	@W	@Y	@Yb	@Zr
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	1	0.5	0.1	0.5
Units	ppm	ppm	ppm	ppm
B00168379	2	193	13.7	125
B00168382	2	204	14.5	133
*Rep B00168382	2	206	14.4	129

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Certificate of Analysis
Work Order : SU1800918
[Report File No.: 0000017019]

Date: September 27, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: Sudbury 2.0 Project
 Project No.: SUDBURY_2_0
 Samples: 2
 Received: Sep 11, 2018
 Pages: Page 1 to 9
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
2	SHIP	Shipping
2	G_WGH79	Weighing of samples and reporting of weights
2	G_PRP91	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 500g, Pulverize to 85% -75µm
2	GE_FA1525	Au FAS, ICP-AES, 50g - 5ml Reporting limits 5 - 10 000ppb.
2	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
2	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
2	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	Au GE_FAI525 5 ppb	Pt GE_FAI525 10 ppb	Pd GE_FAI525 5 ppb	@Al GE_ICM90A 0.01 %	@Ba GE_ICM90A 10 ppm	@Be GE_ICM90A 5 ppm	@Ca GE_ICM90A 0.1 %
B00168380	1.571	<5	<10	<5	7.77	23	<5	0.4
B00168381	1.335	<5	<10	<5	8.12	24	<5	0.2
*Rep B00168381					8.10	25	<5	0.3
*Rep B00168381		<5	<10	<5				

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Element	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Ni
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	10	10	0.01	0.1	10	0.01	10	5
Units	ppm	ppm	%	%	ppm	%	ppm	ppm
B00168380	134	<10	2.50	0.1	<10	2.00	148	64
B00168381	135	<10	1.58	0.2	<10	1.16	87	42
*Rep B00168381	135	<10	1.59	0.1	<10	1.17	87	39

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Element Method Det.Lim. Units	@P GE_ICM90A 0.01 %	@Sc GE_ICM90A 5 ppm	Si GE_ICM90A 0.1 %	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm
B00168380	0.07	11	>30.0	92	0.30	102	8	<1
B00168381	0.06	9	>30.0	107	0.32	70	12	<1
*Rep B00168381	0.06	9	>30.0	109	0.32	71	12	<1

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Element Method Det.Lim. Units	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm
B00168380	<5	<0.1	0.2	58.7	9.3	0.1	14.67	7.41
B00168381	<5	<0.1	<0.2	9.5	6.5	<0.1	9.42	5.09
*Rep B00168381	<5	<0.1	<0.2	9.6	7.4	0.1	9.64	5.24

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Element Method Det.Lim. Units	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm	@Ge GE_ICM90A 1 ppm	@Hf GE_ICM90A 1 ppm	@Ho GE_ICM90A 0.05 ppm	@In GE_ICM90A 0.2 ppm	@La GE_ICM90A 0.1 ppm
B00168380	2.71	18	11.44	<1	5	2.80	<0.2	28.3
B00168381	1.43	16	6.68	<1	4	1.84	<0.2	4.6
*Rep B00168381	1.44	16	6.86	<1	4	1.89	<0.2	4.6

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Element Method Det.Lim. Units	@Lu GE_ICM90A 0.05 ppm	@Mo GE_ICM90A 2 ppm	@Nb GE_ICM90A 1 ppm	@Nd GE_ICM90A 0.1 ppm	@Pb GE_ICM90A 5 ppm	@Pr GE_ICM90A 0.05 ppm	@Rb GE_ICM90A 0.2 ppm	@Sb GE_ICM90A 0.1 ppm
B00168380	0.72	3	7	27.6	<5	7.02	1.8	1.2
B00168381	0.48	2	8	5.3	<5	1.24	1.9	1.1
*Rep B00168381	0.54	3	8	5.2	<5	1.23	1.9	1.1

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Element Method Det.Lim. Units	@Sm GE_ICM90A 0.1 ppm	@Sn GE_ICM90A 1 ppm	@Ta GE_ICM90A 0.5 ppm	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm
B00168380	7.0	2	0.6	2.23	8.2	<0.5	0.95	2.54
B00168381	2.7	2	0.7	1.38	9.3	<0.5	0.65	2.79
*Rep B00168381	2.6	3	0.7	1.43	9.4	<0.5	0.69	2.75

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Element	@W	@Y	@Yb	@Zr
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	1	0.5	0.1	0.5
Units	ppm	ppm	ppm	ppm
B00168380	2	77.7	5.6	157
B00168381	2	51.0	4.0	149
*Rep B00168381	2	52.3	4.1	151

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Certificate of Analysis
Work Order : SU1801126
[Report File No.: 0000018155]

Date: December 12, 2018

To: **Wesley Whymark**
INVENTUS MINING CORP
 82 RICHMOND STREET EAST 1ST FLOOR
 TORONTO ON M5C 1P1

P.O. No.: -
 Project No.: SUDBURY_2_0
 Samples: 7
 Received: Nov 16, 2018
 Pages: Page 1 to 11
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
7	SHIP	Shipping
7	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
7	G_WGH79	Weighing of samples and reporting of weights
7	ZMS_ICM90A	Package Price - GE_ICM90A (GE_IC90A+GE_IC90M)
7	GE_IC90A	@Package, ICPAES after Sodium Peroxide Fusion-Graphite Crucibles
7	GE_IC90M	@Package, ICPMS after Sodium Peroxide Fusion-Graphite Crucibles
7	GO_XRF76V	@Ore grade Borate fusion, XRF (0.5g plus 1g LOI)
7	GE_CSA06V	@Exploration grade 0.005 - 30% S & C by IR Combustion
7	GE_CVA20A	Hg 5 - 100000 ppb Cold vapour AAS 0.15g-25ml
7	GE_FAM313	30 g, Fire assay, ICP-MS finish - New Pots

Storage: Pulp & Reject

REJECT STORAGE : RETURN
 PULP STORAGE : RETURN

Comments:

Assays not suitable for commercial exchange.
 Preparation of samples was performed at the SGS Sudbury site

Certified By : 
 Brett Pipher
 Project Coordinator

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 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element	WtKg	@Al	@Ba	@Be	@Ca	@Cr	@Cu	@Fe
Method	G_WGH79	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.001	0.01	10	5	0.1	10	10	0.01
Units	kg	%	ppm	ppm	%	ppm	ppm	%
B00168599	1.144	8.11	153	<5	5.7	106	97	8.38
B00168600	1.325	5.46	40	<5	4.7	2027	<10	7.37
B00168601	1.285	7.82	261	<5	6.8	109	149	8.01
B00168602	1.136	7.66	292	<5	6.5	84	135	8.22
B00168603	1.341	7.87	92	<5	6.2	104	110	7.87
B00168604	1.350	8.01	189	<5	6.4	99	113	8.40
B00168605	2.665	7.58	145	<5	6.1	101	110	8.34
*Rep B00168605		7.87	143	<5	6.1	98	108	8.38

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Element Method Det.Lim. Units	@K GE_ICM90A 0.1 %	@Li GE_ICM90A 10 ppm	@Mg GE_ICM90A 0.01 %	@Mn GE_ICM90A 10 ppm	@Ni GE_ICM90A 5 ppm	@P GE_ICM90A 0.01 %	@Sc GE_ICM90A 5 ppm	Si GE_ICM90A 0.1 %
B00168599	0.6	30	4.47	1403	111	0.03	36	23.1
B00168600	0.4	50	9.84	1631	479	0.03	27	22.3
B00168601	0.6	21	4.43	2167	106	0.03	36	23.4
B00168602	0.6	19	4.32	2154	98	0.03	36	23.4
B00168603	0.4	25	3.91	1535	97	0.04	36	23.1
B00168604	0.4	21	4.53	1663	107	0.03	36	23.5
B00168605	0.3	22	4.45	1632	108	0.02	37	23.5
*Rep B00168605	0.3	22	4.41	1632	109	0.02	36	24.0

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Element Method Det.Lim. Units	@Sr GE_ICM90A 10 ppm	@Ti GE_ICM90A 0.01 %	@V GE_ICM90A 5 ppm	@Zn GE_ICM90A 5 ppm	@Ag GE_ICM90A 1 ppm	@As GE_ICM90A 5 ppm	@Bi GE_ICM90A 0.1 ppm	@Cd GE_ICM90A 0.2 ppm
B00168599	277	0.49	255	66	<1	13	0.3	<0.2
B00168600	43	0.28	160	139	<1	<5	<0.1	<0.2
B00168601	292	0.47	240	142	<1	26	0.3	<0.2
B00168602	368	0.49	251	142	<1	32	0.1	<0.2
B00168603	177	0.47	234	98	<1	13	0.1	<0.2
B00168604	286	0.49	257	101	<1	26	0.6	<0.2
B00168605	310	0.49	254	102	<1	18	0.3	<0.2
*Rep B00168605	314	0.49	251	98	<1	19	0.3	<0.2

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Element Method Det.Lim. Units	@Ce GE_ICM90A 0.1 ppm	@Co GE_ICM90A 0.5 ppm	@Cs GE_ICM90A 0.1 ppm	@Dy GE_ICM90A 0.05 ppm	@Er GE_ICM90A 0.05 ppm	@Eu GE_ICM90A 0.05 ppm	@Ga GE_ICM90A 1 ppm	@Gd GE_ICM90A 0.05 ppm
B00168599	15.2	51.5	1.2	3.08	1.76	0.83	17	2.92
B00168600	22.0	70.7	2.1	2.53	1.60	0.73	11	2.57
B00168601	15.0	53.4	0.5	3.10	1.71	0.84	17	3.00
B00168602	15.3	53.7	0.7	3.01	1.84	0.89	17	2.92
B00168603	24.1	48.7	0.2	3.35	1.86	1.07	17	3.34
B00168604	15.7	53.4	0.2	3.24	1.80	0.86	18	2.97
B00168605	15.4	49.5	0.3	3.02	1.80	0.88	18	2.97
*Rep B00168605	15.2	50.0	0.3	3.02	1.72	0.86	17	2.95

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Element Method Det.Lim. Units	@Ge	@Hf	@Ho	@In	@La	@Lu	@Mo	@Nb
	GE_ICM90A 1 ppm	GE_ICM90A 1 ppm	GE_ICM90A 0.05 ppm	GE_ICM90A 0.2 ppm	GE_ICM90A 0.1 ppm	GE_ICM90A 0.05 ppm	GE_ICM90A 2 ppm	GE_ICM90A 1 ppm
B00168599	2	2	0.71	<0.2	7.1	0.27	<2	3
B00168600	1	2	0.59	<0.2	11.4	0.25	<2	3
B00168601	2	2	0.66	<0.2	7.1	0.26	<2	3
B00168602	2	2	0.66	<0.2	7.2	0.31	<2	3
B00168603	2	2	0.73	0.2	11.9	0.26	<2	3
B00168604	2	2	0.69	<0.2	7.4	0.27	<2	3
B00168605	2	2	0.66	<0.2	7.3	0.26	<2	3
*Rep B00168605	2	2	0.65	<0.2	7.3	0.26	<2	3

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Element Method Det.Lim. Units	@Nd	@Pb	@Pr	@Rb	@Sb	@Sm	@Sn	@Ta
	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
	0.1	5	0.05	0.2	0.1	0.1	1	0.5
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00168599	8.9	6	2.06	30.6	0.9	2.4	<1	<0.5
B00168600	10.5	<5	2.66	33.4	0.5	2.3	2	<0.5
B00168601	8.9	175	2.02	21.4	2.0	2.5	1	<0.5
B00168602	8.8	39	2.09	19.4	1.9	2.5	2	<0.5
B00168603	11.8	9	3.06	11.4	1.2	3.0	2	<0.5
B00168604	9.3	14	2.15	13.2	1.0	2.7	1	<0.5
B00168605	8.8	12	2.09	10.7	1.6	2.4	1	<0.5
*Rep B00168605	8.6	12	2.10	10.3	1.4	2.4	2	<0.5

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Element Method Det.Lim. Units	@Tb GE_ICM90A 0.05 ppm	@Th GE_ICM90A 0.1 ppm	@Tl GE_ICM90A 0.5 ppm	@Tm GE_ICM90A 0.05 ppm	@U GE_ICM90A 0.05 ppm	@W GE_ICM90A 1 ppm	@Y GE_ICM90A 0.5 ppm	@Yb GE_ICM90A 0.1 ppm
B00168599	0.50	1.8	<0.5	0.27	0.55	<1	16.0	1.6
B00168600	0.43	2.8	<0.5	0.25	0.62	<1	14.6	1.5
B00168601	0.51	1.8	<0.5	0.26	0.55	<1	16.4	1.6
B00168602	0.50	1.8	<0.5	0.27	0.61	<1	16.3	1.7
B00168603	0.55	1.8	<0.5	0.30	4.20	<1	16.9	1.7
B00168604	0.53	1.8	<0.5	0.26	0.67	<1	17.0	1.7
B00168605	0.50	1.7	<0.5	0.25	0.72	<1	15.7	1.6
*Rep B00168605	0.50	1.7	<0.5	0.26	0.72	<1	15.6	1.6

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Element Method Det.Lim. Units	@Zr GE_ICM90A 0.5 ppm	Se GE_ICM90A 0.2 ppm	Te GE_ICM90A 1 ppm	@LOI GO_XRF76V -10.000 %	@SiO2 GO_XRF76V 0.01 %	@Al2O3 GO_XRF76V 0.01 %	@Fe2O3 GO_XRF76V 0.01 %	@MgO GO_XRF76V 0.01 %
B00168599	61.2	0.5	<1	3.92	50.4	14.4	12.4	7.66
B00168600	69.6	<0.2	<1	6.47	47.5	9.88	10.9	16.9
B00168601	60.3	0.4	<1	3.24	50.5	13.9	11.8	7.51
B00168602	61.6	0.4	<1	2.99	50.3	13.9	12.0	7.36
B00168603	58.8	0.8	<1	4.62	49.3	14.0	11.6	6.67
B00168604	63.4	0.4	<1	3.09	50.2	14.2	12.4	7.65
B00168605	55.8	0.5	<1	3.25	50.5	13.9	12.2	7.46
*Rep B00168605	56.0	0.5	<1					
*Rep B00168601				3.08	50.4	13.9	11.8	7.50

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Element Method Det.Lim. Units	@CaO GO_XRF76V 0.01 %	@K2O GO_XRF76V 0.01 %	@Na2O GO_XRF76V 0.01 %	@TiO2 GO_XRF76V 0.01 %	@MnO GO_XRF76V 0.01 %	@P2O5 GO_XRF76V 0.01 %	@Cr2O3 GO_XRF76V 0.01 %	@V2O5 GO_XRF76V 0.01 %
B00168599	8.09	0.75	2.24	0.82	0.19	0.06	0.02	0.05
B00168600	6.64	0.41	0.50	0.48	0.23	0.06	0.32	0.02
B00168601	9.62	0.66	2.21	0.80	0.30	0.06	0.02	0.05
B00168602	9.07	0.67	2.62	0.82	0.29	0.07	0.02	0.05
B00168603	8.65	0.42	3.50	0.78	0.20	0.09	0.01	0.04
B00168604	9.03	0.43	2.40	0.84	0.22	0.08	0.01	0.04
B00168605	8.49	0.38	2.76	0.81	0.22	0.07	0.02	0.05
*Rep B00168601	9.57	0.67	2.21	0.80	0.29	0.06	0.02	0.05

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Element Method Det.Lim. Units	Sum GO_XRF76V	@C GE_CSA06V	@S GE_CSA06V	@Hg GE_CVA20A	Au GE_FAM313	Pt GE_FAM313	Pd GE_FAM313
	0	0.005	0.005	0.005	1	0.5	0.5
	%	%	%	ppm	ppb	ppb	ppb
B00168599	101.1	0.123	0.080	0.008	1	9.5	9.4
B00168600	100.3	0.365	0.011	<0.005	<1	8.5	5.8
B00168601	100.7	0.113	0.069	0.037	2	9.6	9.5
B00168602	100.1	0.189	0.075	0.161	3	9.6	5.7
B00168603	99.8	0.622	0.331	0.017	5	9.3	9.8
B00168604	100.5	0.046	0.042	0.018	1	9.7	7.8
B00168605	100.1	0.108	0.103	0.065	1	9.7	8.5
*Rep B00168604		0.036	0.036				
*Rep B00168603				0.018			
*Rep B00168603					6	9.5	9.3
*Rep B00168601					3	9.9	10.0
*Rep B00168601	100.3						

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Category	Date	Invoice #	Payee	Description	Amount
Employees					
	01/31/2018	Jan-18	Winston Whymark	Salary-25%	\$ 1,625.00
	01/31/2018	Jan-18	Wesley Whymark	Salary-20%	\$ 1,300.00
	02/28/2018	Feb-18	Winston Whymark	Salary-50%	\$ 3,250.00
	02/28/2018	Feb-18	Wesley Whymark	Salary-20%	\$ 1,300.00
	03/31/2018	Mar-18	Winston Whymark	Salary-100%	\$ 6,500.00
	03/31/2018	Mar-18	Wesley Whymark	Salary-40%	\$ 2,600.00
	04/30/2018	Apr-18	Winston Whymark	Salary-90%	\$ 6,300.00
	04/30/2018	Apr-18	Wesley Whymark	Salary-90%	\$ 6,660.00
	05/31/2018	May-18	Winston Whymark	Salary-90%	\$ 6,300.00
	05/31/2018	May-18	Wesley Whymark	Salary-90%	\$ 6,660.00
	05/31/2018	May-18	James Millette	Daily	\$ 3,040.00
	05/31/2018	May-18	Phil Trudel	Daily	\$ 5,225.00
	06/30/2018	Jun-18	Winston Whymark	Salary-90%	\$ 6,300.00
	06/30/2018	Jun-18	Wesley Whymark	Salary-90%	\$ 6,660.00
	06/30/2018	Jun-18	James Millette	Daily	\$ 4,443.00
	06/30/2018	Jun-18	Phil Trudel	Daily	\$ 5,225.00
	07/31/2018	Jul-18	Winston Whymark	Salary-90%	\$ 6,300.00
	07/31/2018	Jul-18	Wesley Whymark	Salary-95%	\$ 7,030.00
	07/31/2018	Jul-18	James Millette	Daily	\$ 3,040.00
	07/31/2018	Jul-18	Phil Trudel	Daily	\$ 4,950.00
	08/31/2018	Aug-18	Winston Whymark	Salary-100%	\$ 7,000.00
	08/31/2018	Aug-18	Wesley Whymark	Salary-95%	\$ 7,030.00
	08/31/2018	Aug-18	James Millette	Daily	\$ 2,800.00
	08/31/2018	Aug-18	Phil Trudel	Daily	\$ 5,500.00
	09/30/2018	Sep-18	Winston Whymark	Salary-100%	\$ 7,000.00
	09/30/2018	Sep-18	Wesley Whymark	Salary-100%	\$ 7,400.00
	10/31/2018	Oct-18	Winston Whymark	Salary-50%	\$ 3,500.00
	10/31/2018	Oct-18	Wesley Whymark	Salary-60%	\$ 4,440.00
				Subtotal:	\$ 139,378.00
Consultants					
	06/30/2018	INV-2018-01	Stevens Geophysics	geophysical interpretations	\$ 1,949.25
	01/31/2018	01-2018	Bitte Geological	Geological consulting	\$ 2,260.00
	02/28/2018	02-2018	Bitte Geological	Geological consulting	\$ 2,260.00
	03/31/2018	03-2018	Bitte Geological	Geological consulting	\$ 2,260.00
	04/30/2018	04-2018	Bitte Geological	Geological consulting	\$ 2,260.00
	05/31/2018	05-2018	Bitte Geological	Geological consulting	\$ 2,260.00
	06/30/2018	06-2018	Bitte Geological	Geological consulting	\$ 2,260.00
	07/31/2018	07-2018	Bitte Geological	Geological consulting	\$ 2,260.00
	08/31/2018	08-2018	Bitte Geological	Geological consulting	\$ 2,260.00
	09/30/2018	09-2018	Bitte Geological	Geological consulting	\$ 2,260.00
				Subtotal:	\$ 22,289.25
Trenching-contractor					
	12/20/2018	Inv# 18-157	E.Cobriere & Sons	Trenching and stripping bedrock	\$ 31,857.50
				Subtotal:	\$ 31,857.50
Causal Labour					
	01/01/2018-10/31/2018	2018- Oct 2018	Winston Whymark	Expense repts Jan/Oct	\$ 4,400.00
				Subtotal:	\$ 4,400.00
Thin sections					
	04/01/2018-10/31/2018	2018-Oct-2018	Wesley Whymark	Expense repts May/Oct	\$ 7,361.00
				Subtotal:	\$ 7,361.00
Assays					
	04/27/2018	11140950	SGS Canada Inc.		\$ 501.71
	07/01/2019	11163712	SGS Canada Inc.		\$ 3,226.51
	07/01/2020	11163771	SGS Canada Inc.		\$ 1,670.68
	07/31/2018	11171366	SGS Canada Inc.		\$ 465.95
	07/31/2019	11171384	SGS Canada Inc.		\$ 745.53
	07/31/2020	11171923	SGS Canada Inc.		\$ 55.19
	08/30/2024	11178906	SGS Canada Inc.		\$ 2,744.83
	08/31/2018	11179313	SGS Canada Inc.		\$ 1,804.64
	10/01/2018	11185483	SGS Canada Inc.		\$ 446.63
	10/01/2018	11186422	SGS Canada Inc.		\$ 2,448.43
	10/31/2018	11194613	SGS Canada Inc.		\$ 211.71
				Subtotal:	\$ 14,321.81
Food					
	05/01/2018-10/31/2018	2018-Oct-2018	Winston Whymark	Expense repts May/Oct	\$ 1,345.00
	05/01/2018-10/31/2018	2018-Oct-2018	Wesley Whymark	Expense repts May/Oct	\$ 1,069.00
	05/01/2018-08/30/2018	2018-Aug-2018	Phil Trudel	Expensesrepts May/Aug	\$ 177.00
				Subtotal:	\$ 2,591.00
Supplies					
	05/01/2018-10/31/2018	2018-Oct-2018	Winston Whymark	Expense repts May/Oct	\$ 2,397.00
	05/01/2018-10/31/2018	2018-Oct-2018	Wesley Whymark	Expense repts May/Oct	\$ 1,819.00
	05/01/2018-08/30/2018	2018-Aug-2018	Phil Trudel	Expensesrepts May/Aug	\$ 5.00
				Subtotal:	\$ 4,221.00
Equipment rental					
	01/01/2018-10/31/2018	2018-Oct-2018	Winston Whymark	Expense repts Jan/Oct - Atv/Snowmobile/boat	\$ 2,560.00
	05/01/2018-10/31/2018	2018-Oct-2018	Wesley Whymark	Expense repts May/Oct - Atv	\$ 4,254.00
				Subtotal:	\$ 6,814.00
Truck rental					
	01/12/2018	I-3820038343	Discount car and truck rental	gmc-truck	\$ 1,145.82
	03/31/2018	I-3820039622	Discount car and truck rental	gmc-truck	\$ 1,145.82
	05/09/2018	I-3820039227	Discount car and truck rental	gmc-truck	\$ 1,145.82
	05/09/2018	I-3820038785	Discount car and truck rental	gmc-truck	\$ 1,145.82
	05/14/2018	I-3820040150	Discount car and truck rental	ford-truck	\$ 1,145.82
	06/11/2018	I-3820040696	Discount car and truck rental	gmc-truck	\$ 1,145.82
	06/18/2018	I-3820040825	Discount car and truck rental	ford-truck	\$ 1,145.82
	07/11/2018	I-3820041227	Discount car and truck rental	gmc-truck	\$ 1,145.82
	07/16/2018	I-3820041267	Discount car and truck rental	ford-truck	\$ 1,145.82
	08/12/2018	I-3820041658	Discount car and truck rental	gmc-truck	\$ 1,145.82
	08/15/2018	I-3820041658	Discount car and truck rental	ford-truck	\$ 1,145.82
	09/09/2018	I-3820042125	Discount car and truck rental	gmc-truck	\$ 1,145.82
	10/01/2018	I-3820042246	Discount car and truck rental	ford-truck	\$ 1,145.82
	10/10/2018	I-3820042646	Discount car and truck rental	gmc-truck	\$ 1,145.82
	10/15/2018	I-3820042708	Discount car and truck rental	ford-truck	\$ 1,145.82
	10/19/2018	I-3820042772	Discount car and truck rental	gmc-truck-50%	\$ 572.91
				Subtotal:	\$ 17,760.21
Transporation gas					
	05/01/2018-10/30/2018	2018-Oct-2018	Winston Whymark	Expense repts May/Oct	\$ 5,095.00
	05/01/2018-10/30/2018	2018-Oct-2018	Wesley Whymark	Expense repts May/Oct	\$ 2,852.00
	05/01/2018-08/30/2018	2018-Aug-2018	Phil Trudel	Expensesrepts May/Aug	\$ 709.00
				Subtotal:	\$ 8,656.00
Core shack rental					
	01/31/2020	1854.1	Nickel City Investments Ltd.	Core shack and office rental- 100%	\$ 2,708.33
	02/28/2018	1854.2	Nickel City Investments Ltd.	Core shack and office rental- 100%	\$ 2,708.33
	03/31/2018	1854.3	Nickel City Investments Ltd.	Core shack and office rental- 100%	\$ 2,708.33
	04/30/2018	1854.4	Nickel City Investments Ltd.	Core shack and office rental- 100%	\$ 2,708.33
	05/30/2019	1854.5	Nickel City Investments Ltd.	Core shack and office rental- 100%	\$ 2,708.33
	06/31/2020	1854.6	Nickel City Investments Ltd.	Core shack and office rental- 100%	\$ 2,708.33
	07/31/2021	1854.7	Nickel City Investments Ltd.	Core shack and office rental- 100%	\$ 2,708.33
	08/31/2022	1854.8	Nickel City Investments Ltd.	Core shack and office rental- 100%	\$ 2,708.33
	09/31/2023	1854.9	Nickel City Investments Ltd.	Core shack and office rental- 100%	\$ 2,708.33
	10/31/2024	1854.1	Nickel City Investments Ltd.	Core shack and office rental- 50%	\$ 1,354.17
	11/30/2018	1854.11	Nickel City Investments Ltd.	Core shack and office rental- 50%	\$ 1,354.17
	12/31/2018	1854.12	Nickel City Investments Ltd.	Core shack and office rental- 50%	\$ 1,354.17
				Subtotal:	\$ 28,437.48
Core yard rental					
	01/31/2018	93812	McDowel Equipment rentals	yard space -50%	\$ 250.00
	02/28/2018	94246	McDowel Equipment rentals	yard space -50%	\$ 250.00
	03/31/2018	94647	McDowel Equipment rentals	yard space -50%	\$ 250.00
	04/30/2018	95132	McDowel Equipment rentals	yard space -50%	\$ 250.00
	05/30/2019	95531	McDowel Equipment rentals	yard space -50%	\$ 250.00
	06/31/2020	96077	McDowel Equipment rentals	yard space -50%	\$ 250.00
	07/31/2021	96565	McDowel Equipment rentals	yard space -50%	\$ 250.00
	08/31/2022	97071	McDowel Equipment rentals	yard space -50%	\$ 250.00
	09/31/2023	97577	McDowel Equipment rentals	yard space -50%	\$ 250.00
	10/31/2024	98174	McDowel Equipment rentals	yard space -50%	\$ 250.00
	11/30/2018	98573	McDowel Equipment rentals	yard space -50%	\$ 250.00
	12/31/2018	99159	McDowel Equipment rentals	yard space -50%	\$ 250.00
				Subtotal:	\$ 3,000.00
				Total	\$ 291,087.25