

# GM 58329

REPORT ON THE 1998 SUMMER FIELD EXPLORATION PROGRAM PROJECT GRAND NORD

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**FALCONBRIDGE LIMITED**

**REPORT OF THE 1998  
SUMMER FIELD EXPLORATION  
PROGRAM  
PROJECT GRAND NORD  
PN-140**



**MONTRÉAL  
QUÉBEC, CANADA  
DECEMBER 1998**

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SENIOR FIELD GEOLOGIST**

MRN-GÉOINFORMATION 2001

**GM 58329**

## SUMMARY

An exploration program was conducted from June 22<sup>nd</sup> to August 3<sup>rd</sup> 1998 on the Grand Nord project, which is located in the northern part of the province of Québec (fig. 1). This project is a regional reconnaissance program focused primarily on following up a large lake sediment geochemical survey conducted by the Quebec Government in 1998. A total of approximately 750 lake bottom geochemical anomalies were investigated and 814 samples were taken for whole rock, nickel and multi element analyses. The 7 permits held by Falconbridge in the area were prospected by traverses spaced 1 to 2 kilometers (see attached map).

A team composed of four geologists, Pascal Lessard, Isabelle Lépine, Luc Rioux and Jean-Marc Séguin performed the helicopter and the ground traverses. Jean-Denis Fournier was with the team between July 9<sup>th</sup> and July 16<sup>th</sup> to supervise and assist with the helicopter work.

The summer field program consisted of geological traverses on the permit and regional exploration with helicopter support. This regional exploration program aimed at ground truthing some of the unclaimed anomalies, was initiated to gain from the competitive advantage of having exclusive use of the lake sediment data until November 1998. Results from the geological investigation conducted on the permit were disappointing. Numerous small ultramafic units were found during the regional exploration. The largest UM (<10km<sup>2</sup>) was observed on the permit #1358. This UM unit was not mineralized and the Nickel content did not exceed 2000 ppm.

An objective of this program was to explain lake bottom sediment anomalies. All the UM rocks found during this campaign had a Ni content sufficiently high to explain the adjacent anomalies. Some gabbroic dykes, iron formations and biotite gneiss (gossans) were also thought to be the cause of some of the observed Ni anomalies.

Given that the work conducted in 1998 did not identify any geological environments favourable to hosting a Ni deposit, no further work is recommended in the Grand Nord area. The "Ministère des Richesses naturelle du Québec" found many small greenstone belts in the Superior province but nothing of interest for the exploration of major nickel deposit.

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## SECTION 1 - INTRODUCTION

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### 1.1 Location and Access

The Grand Nord area is a vast region located between the 54<sup>th</sup> parallel to the South and the Cape Smith greenstone belt to the North. The Hudson Bay shore and the Newfoundland border represent, respectively, the western and the eastern limits of the area (fig.1). The area covers approximately 351,000 km<sup>2</sup> of mostly unexplored ground. Commercial scheduled flights to Kuujuaq, Kangirsuk and other small-coasted communities are the only way to access this part of the province. Access to the various project areas was via chartered floatplanes. The topography of this northern region is relatively flat with small hills. The exception is the Torngats mountains where the topography is very well developed (see front-page photo). Mount Jacques-Rousseau, the tallest summit in Quebec (1,261m), is located in the Torngats mountains.

### 1.2 Program History

The Grand Nord project was initiated by the "Ministère des Richesses naturelle du Québec" in 1997 with the completion of a huge lake bottom geochemistry survey. This survey was done during the summer of 1997 and covered ≈351,000 km<sup>2</sup> (see fig.1), which represents about 25% of Québec. One sample was taken every 13 km<sup>2</sup> for a total of over 27,000 samples.

#### LAKE SEDIMENT GEOCHEMICAL SURVEY CHARACTERISTICS

- Area Covered : 351,000 km<sup>2</sup>
- Number of Samples : ≈27,000
- Sample Spacing : 13 km<sup>2</sup>
- # of Element Analyzed : 44
- Total Cost : \$3,000,000
- Falconbridge Participation : \$200,000
- Participating Companies : Falconbridge  
Noranda  
Virginia Gold  
Cambior  
Soquem
- # of Permit Acquired by Falconbridge : 7
- Total Area of Falconbridge Permits : ≈600 km<sup>2</sup>

The government asked for financial participation from the industry. Falconbridge Limited and four other exploration companies (Noranda, Cambior, Soquem and Virginia) each invested \$200,000 in the project. In return, the five companies received the lake

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# Grand Nord Project

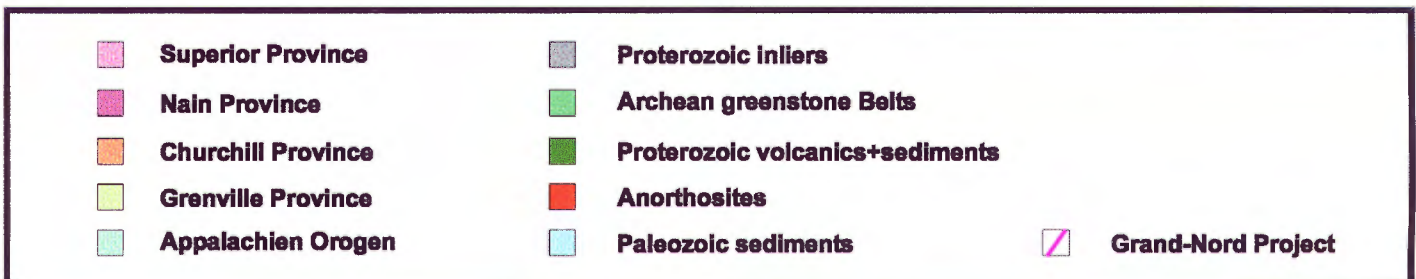
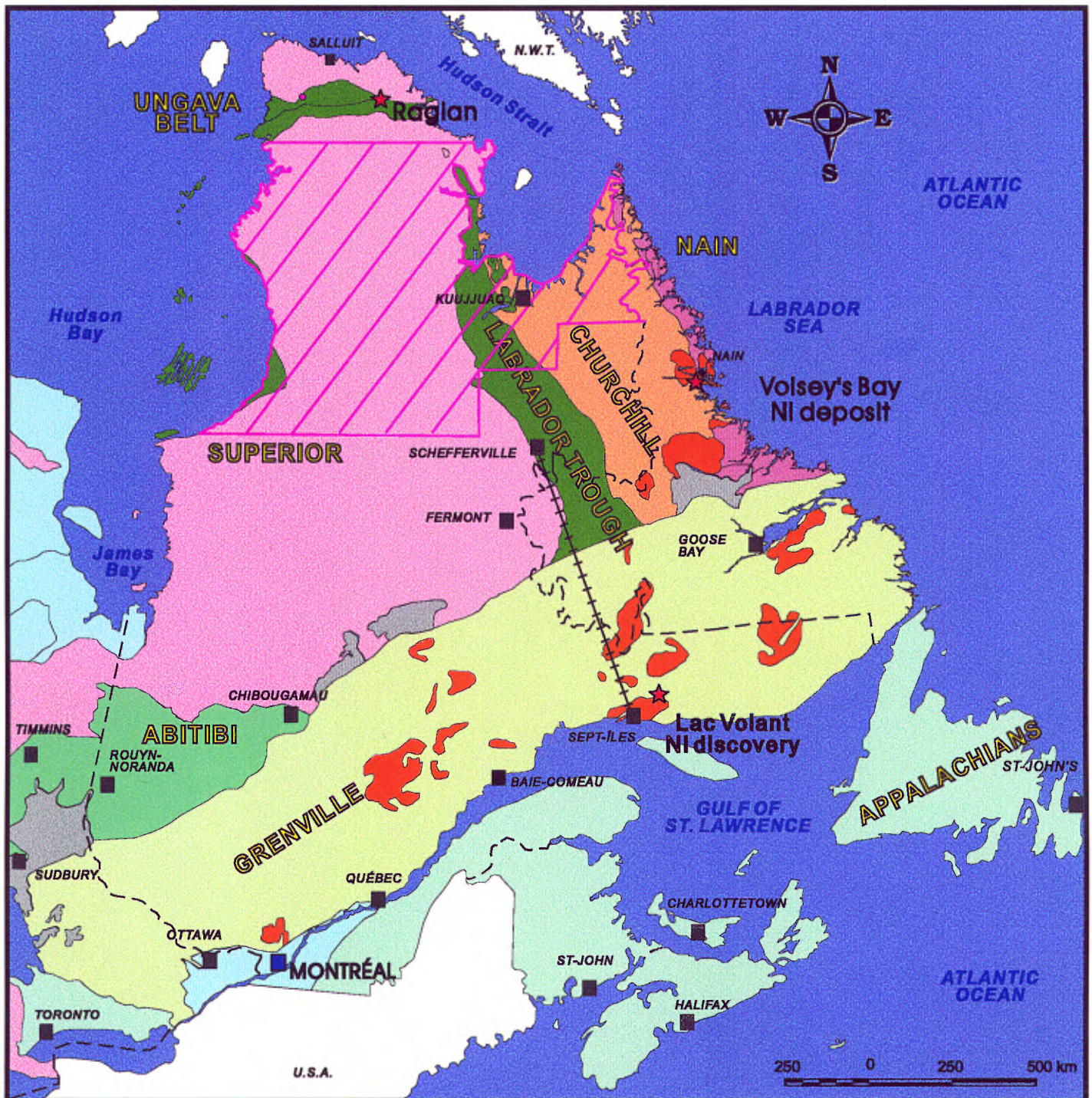


Figure 1



bottom geochemical results almost one year before it became public at the "Colloque du Ministère" in November 1998. After receiving the data (early February), Falconbridge Limited had four days to process and analyze the whole databank and identified the areas believed to be most favourable for Nickel exploration. Following the four-day processing period, all 5 industry participants met in Quebec City to select the permits of their choice. Each participants was allowed to select 1 permit of up to 100 km<sup>2</sup> each time their name was selected in a random draw process. These permits were selected based on geochemistry, geological (fig.2) and magnetic features (fig.3), drainage basin, major lineaments, glacial dispersion and the virginity of the territory. Falconbridge Limited acquired seven (7) permits (fig.1) for a total area of about 600 square kilometers of ground (fig.4). The details of these permits are listed in the table 1 below.

### FALCONBRIDGE PERMITS

PERMIT #	KM2	NTS	UTM ZONE	POINTS	EASTING	NORTHING
1352	99.85	24K07	19	1	508953	6471741
				2	518115	6471729
				3	512289	6460108
				4	506253	6460108
				5	514883	6462441
1353	99.71	24M06	19	1	394054	6593269
				2	496354	6589969
				3	386154	6582169
				4	386554	6577668
				5	383154	6574668
				6	380954	6577369
				7	381115	6584200
1354	99.25	24M13 / 34P16	19	1	335603	6646070
				2	335553	6636070
				3	325656	6636070
				4	325656	6646070
1355	99.67	24H15,16 / 24I12	20	1	415439	6428774
				2	415139	6424774
				3	405639	6423874
				4	399439	6428274
				5	399439	6433774
				6	404239	6433774
				7	409139	6429274
1356	50.51	25D09,16	19	1	435272	6741728
				2	436253	6737269
				3	431453	6734068
				4	427353	6737269
				5	428153	6741869
1357	50.28	25D03	19	1	371753	6664769
				2	369953	6662169
				3	362353	6662769
				4	362253	6666769
				5	364336	6668526
				6	370053	6668469
1358	98.65	34I02,03	18	1	627270	6450366
				2	617670	6443565
				3	613970	6443165
				4	611670	6452566
				5	616670	6454066
<b>TOTAL</b>	<b>597.92</b>					

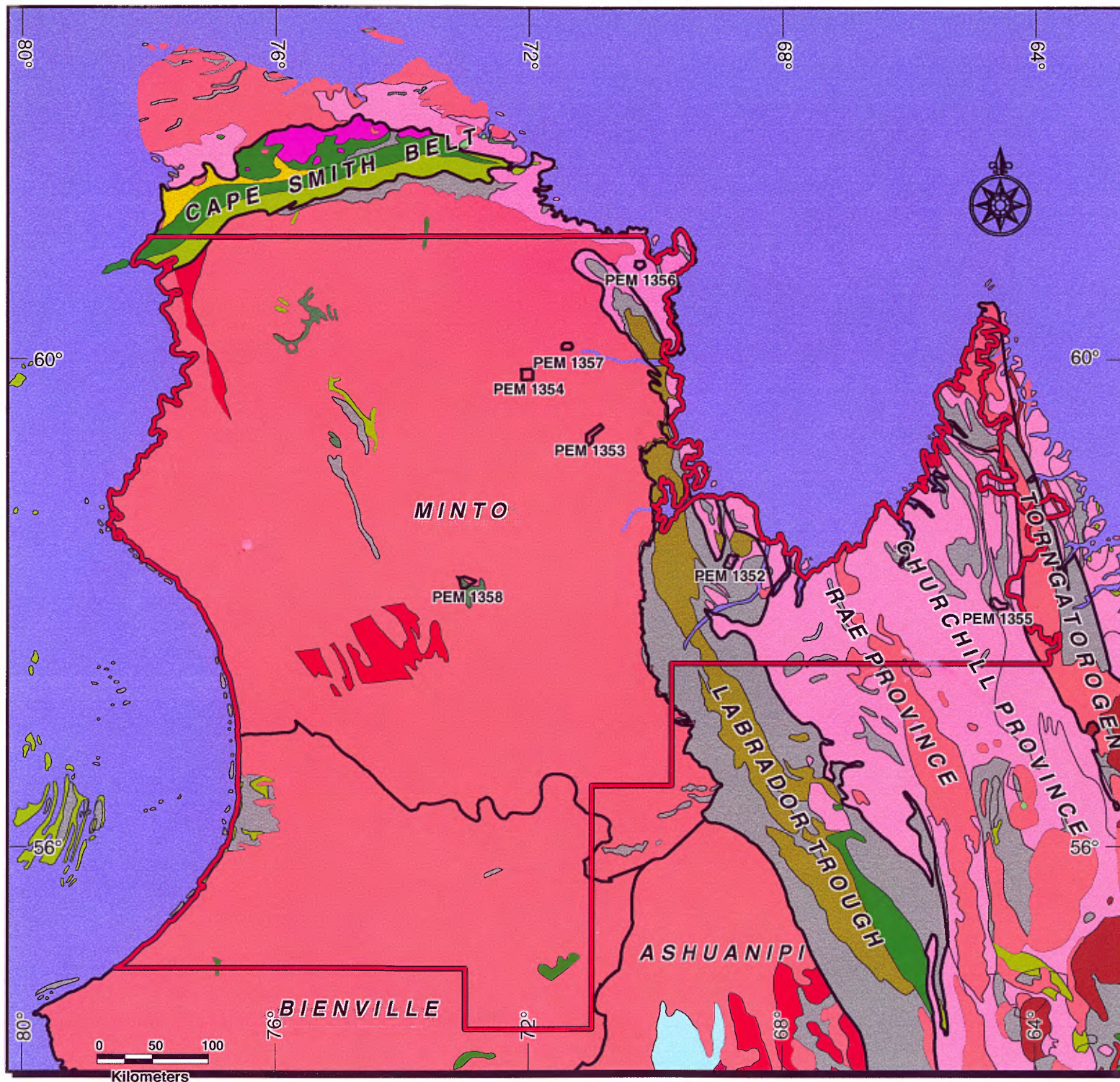
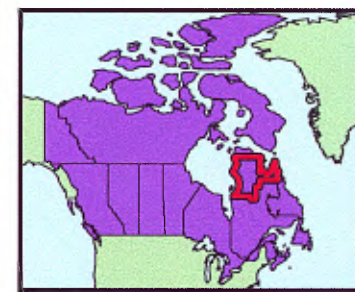
Table1





FALCONBRIDGE

Grand Nord Project  
1998 Exploration Permits  
Regional Geology



LEGEND

- anorthosite (+ - gabbro)
- bimodal volcanic rocks
- felsic volcanic rocks
- mafic volcanic rocks
- orthogneiss
- paragneiss
- two mica granite, diatexite
- ultramafic intrusive rocks
- undivided granitoid rocks
- undivided sedimentary rocks
- undivided volcanic rocks

Limit of 97 Lake Sediments  
Geochemical Survey

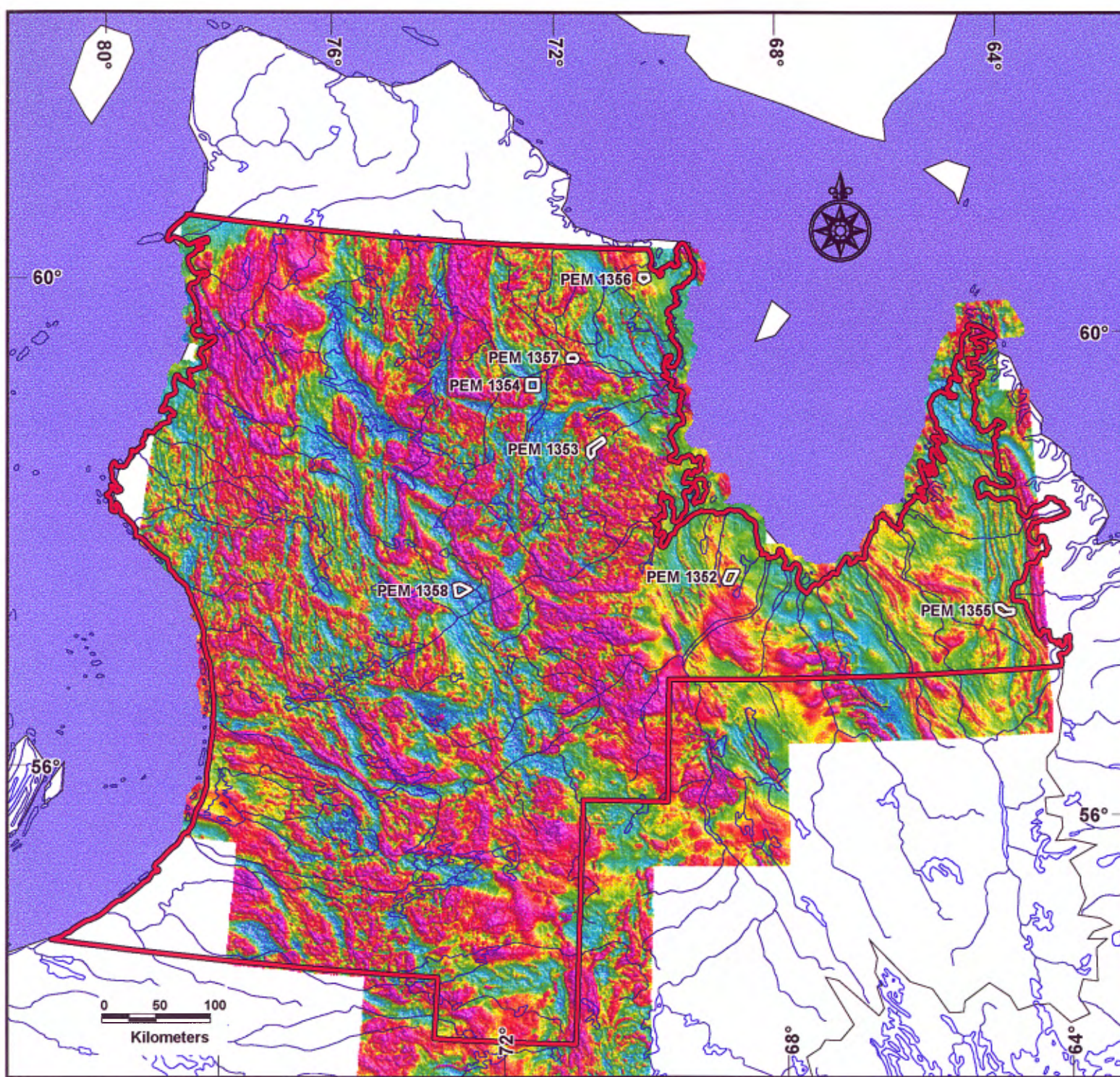
FIGURE 2





**FALCONBRIDGE**

**Grand Nord Project  
Regional Exploration  
Federal Aeromagnetic Survey**



 Falconbridge Permits


 Limit of 97 Lake Sediments  
Geochemical Survey

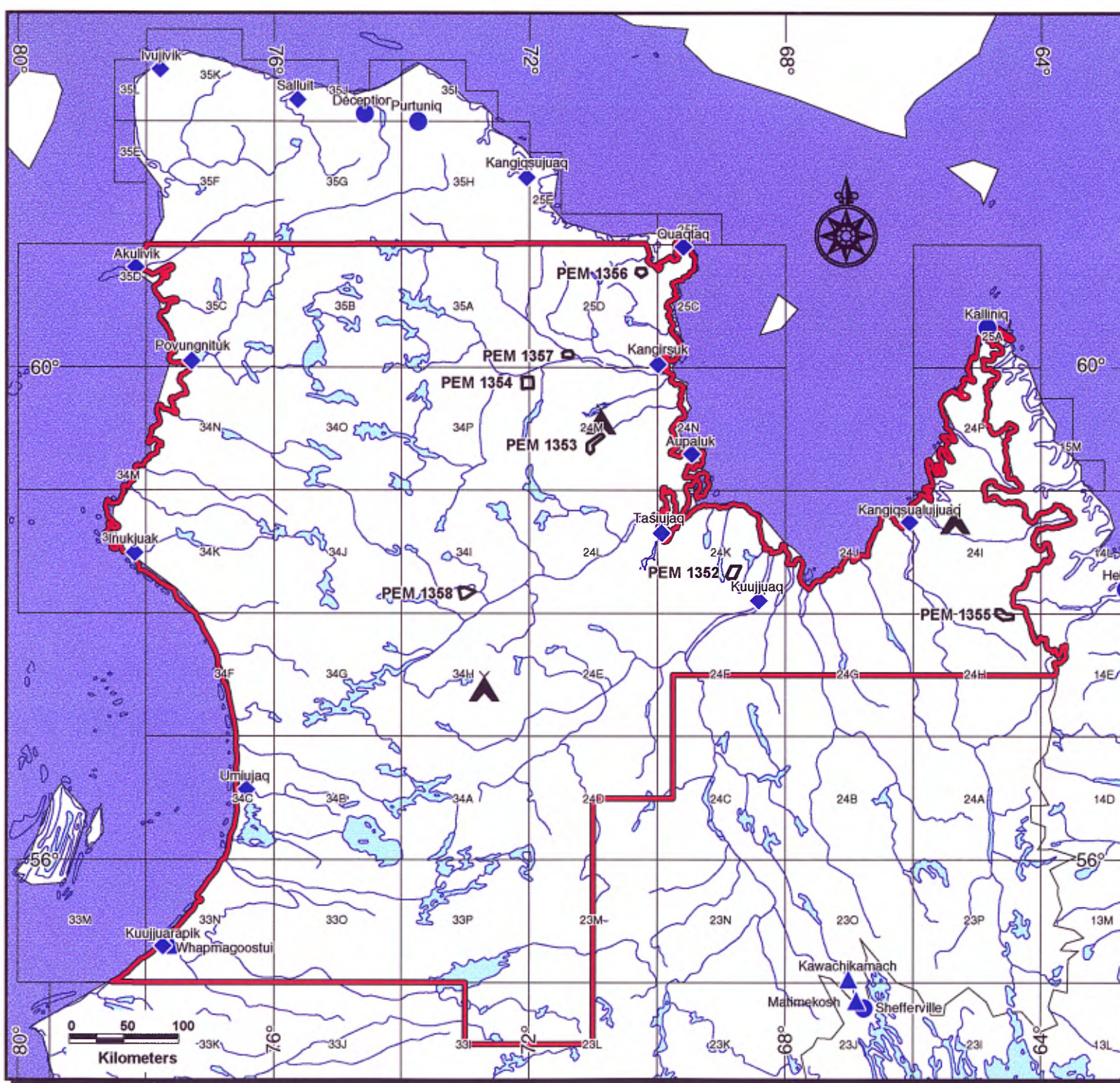
Figure 3





FALCONBRIDGE

Grand Nord Project  
Regional Exploration  
Falconbridge Permits



**LEGEND**

- X Québec Government Camps
- ◻ Falconbridge Permits
- Limit of 97 Lake Sediments Geochemical Survey

Figure 4

Numerous areas anomalous in Nickel  $\pm$  Cu, Co and Cr were identified in the processing of the lake bottom sediment data (fig.5). These zones were the targets of the regional exploration work. A team of four geologists, Pascal Lessard, Isabelle Lépine, Luc Rioux and Jean-Marc Séguin conducted the helicopter and the ground traverses. Jean-Denis Fournier was with the team between July 9<sup>th</sup> and July 16<sup>th</sup> to supervise and help with the helicopter work.

### 1.3 Regional Geology

The geology of the Grand Nord project area is relatively unknown. Most of the area is underlain by the Superior and Churchill Geological Provinces (fig.2).

The Superior province, the core of the Canadian Shield, covers an area of about 630,000 km<sup>2</sup> over the province of Quebec. The limits are the Churchill province to the North and the East, and the Grenville province to the South-East. The Superior, in the Grand Nord area, is mostly composed of late Archean plutonic and gneissic rocks. These units are generally at the granulite facies or at the upper amphibolite facies. Some small isolated greenstone belts (e.g. Vizien) are present and they are mostly located in the central-western portion of the province. The western part of the Grand Nord area is mostly comprised of the Minto block. This block consists of approximately 15% of supracrustal rocks which occur as small greenstone belts hosted within much larger areas of gneiss, foliated gabbro and granodiorite. Numerous diabase dykes with different orientations are present throughout the province and demonstrate the extension phases that affected this part of the North American crust (Hocq, 1993).

Within the study area, the Churchill Province borders the Superior province to the North and East. The Churchill is subdivided in numerous parts. Two major orogens are included in this province, the Labrador Trough to the West and the Torngat orogen to the East. The Superior and the Nain provinces represent the Churchill limits to the West and the East, respectively. In the center, the Rae province (sub-province) is forming a narrow corridor trending NNW (Stockwell, 1968).

The Labrador Trough is well known for the numerous iron, copper and nickel occurrences found along its entire length. The Trough is composed of sedimentary supracrustal and volcanic rocks, generally at the green schist facies. The Torngat orogen is located on the provincial border between Quebec and Newfoundland. This orogen is mostly composed of supracrustal and eruptive rocks metamorphosed to the granulite facies. The Rae province is located in the middle of the Churchill province between the Labrador Trough and the Torngat orogen. This province is made up of highly metamorphosed rocks (paragneiss and orthogneiss), Lower Proterozoic and Archean plutonic terranes (Clark, 1993).

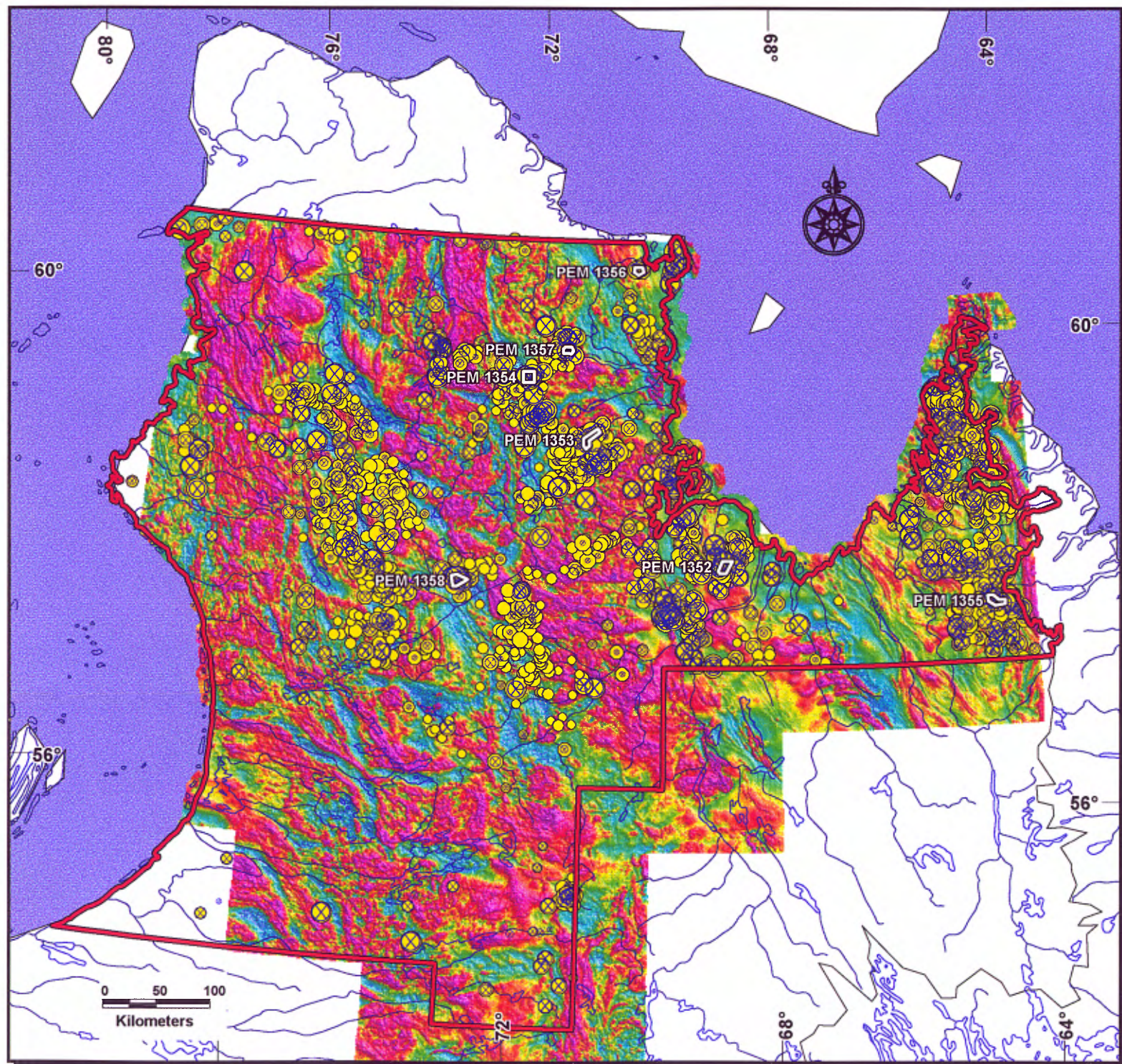
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### FALCONBRIDGE

Grand Nord Project  
Regional Exploration  
Federal Aeromagnetic Survey  
Raw and Residual Nickel



#### Residual Nickel

(ppm)

- ⊗ 99.5%-100% (79-642)
- ⊗ 99%-99.5% (55-79)
- ⊗ 98%-99% (37-55)
- ⊗ 97%-98% (29-37)
- ⊗ 96%-97% (25-29)
- ⊗ 95%-96% (22-25)

#### Raw Nickel

(ppm)

- 99.5%-100% (95-717)
- 99%-99.5% (75-95)
- 98%-99% (60-75)
- 97%-98% (52-60)
- 96%-97% (47-52)
- 95%-96% (44-47)

◻ Falconbridge Permits

— Limit of 97 Lake Sediments  
Geochemical Survey

Figure 5



In order to enhance the understanding of the geology of the Grand Nord, the Quebec government initiated last summer a mapping program scheduled to span over a number of years. Detailed mapping of four 250,000 scale NTS sheets was completed last summer. They mapped the NTS sheets 23M, 24I, 24M and the 34H and the preliminary results of this mapping were released at the "Colloque du Ministere" in Quebec city in November 1998. The highlight of this mapping was the discovery of numerous small greenstone belts but none of them showed any potential for hosting a nickel deposit.

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## SECTION 2 – EXPLORATION PERMITS

### 2.1 Methodology

The seven permits (fig.4) from #1352 to #1358 have been prospected at 1:50,000 scale with ground geological traverses spaced 1 to 2 kilometers (see attached maps). The total coverage of these permits is 594.6 linear kilometers with an average of 9.74 kilometers per geologist per day. The objective of the traverses was to explain the lake sediment geochemical anomalies to locate ultramafic lithologies favourable to host a Ni deposit. The details of the work done on the permits are listed in the table 2 below.

### WORK DONE ON THE PERMITS

PERMIT #	DATE	KM		TOTAL	ANOMALIES VISITED	WR		NI		ME		TOTAL
		G #1	G #2			G #1	G #2	G #1	G #2	G #1	G #2	
1352	6/23/98	5.3	6	11.3	1	1	1	1	1	2	0	6
	6/24/98	7.6	9.2	16.8	2	2	1	4	3	2	1	13
	6/25/98	8.1	8.9	17	3	2	0	1	2	2	3	10
	6/26/98	5.4	4.9	10.3	2	0	2	4	2	0	1	9
	6/27/98	4.7	4.2	8.9	2	0	1	4	0	0	2	7
	7/23/98	8.1	8.6	16.7	2	2	2	0	0	6	5	15
	7/23/98	8.8	9.4	18.2	2	4	4	1	0	4	3	16
<b>TOTAL</b>		<b>48</b>	<b>51.2</b>	<b>99.2</b>	<b>14</b>		<b>14</b>		<b>22</b>		<b>24</b>	<b>76</b>
1353	7/7/98	13.1	12.6	25.7	5	3	8	1	9	2	7	30
	7/8/98	12.9	12.7	25.6	3	4	3	3	7	2	4	23
	7/9/98	8.2	8.2	16.4	2	3	3	0	4	2	2	14
	7/10/98	13	12	25	3	3	4	0	2	3	2	14
<b>TOTAL</b>		<b>47.2</b>	<b>45.5</b>	<b>92.7</b>	<b>13</b>		<b>31</b>		<b>26</b>		<b>24</b>	<b>81</b>
1354	7/18/98	11.3	8.5	19.8	3	4	8	2	1	7	4	26
	7/21/98	10.7	11.1	21.8	3	4	4	0	4	4	4	20
	7/21/98	10.4	10.9	21.3	3	5	1	0	0	1	3	10
	7/22/98	10.3	8.6	18.9	3	5	1	0	1	4	1	12
	7/24/98	8	8.2	16.2	0	3	2	0	0	0	0	5
	7/24/98	4.8	5.1	9.9	0	4	3	1	0	4	2	14
<b>TOTAL</b>		<b>55.5</b>	<b>52.4</b>	<b>107.9</b>	<b>12</b>		<b>44</b>		<b>9</b>		<b>34</b>	<b>87</b>
1355	30/06/98	7.7	8	15.7	3	3	2	4	3	2	2	16
	7/1/98	6.8	7.7	14.5	2	2	2	4	3	1	1	13
	7/2/98	8.5	9.6	18.1	3	3	2	2	3	2	1	13
	7/5/98	8.3	8.9	17.2	2	4	4	4	2	0	1	15
<b>TOTAL</b>		<b>31.3</b>	<b>34.2</b>	<b>65.5</b>	<b>10</b>		<b>22</b>		<b>25</b>		<b>10</b>	<b>57</b>
1356	7/12/98	18	0	18	3	5	0	1	0	2	0	8
	7/13/98	14	0	14	0	3	0	0	0	2	0	5
	7/15/98	19.5	0	19.5	2	4	0	0	0	6	0	10
<b>TOTAL</b>		<b>51.5</b>	<b>0</b>	<b>51.5</b>	<b>5</b>		<b>12</b>		<b>1</b>		<b>10</b>	<b>23</b>
1357	7/12/98	12	6.75	18.75	3	3	3	1	1	5	1	14
	7/13/98	13.58	13.78	27.36	3	5	2	3	0	3	2	15
	7/15/98	13.64	12.51	26.15	4	4	4	0	1	4	1	14
<b>TOTAL</b>		<b>39.22</b>	<b>33.04</b>	<b>72.26</b>	<b>10</b>		<b>21</b>		<b>6</b>		<b>16</b>	<b>43</b>
1358	7/27/98	10.8	10.6	21.4	3	4	2	0	0	6	7	19
	7/28/98	12.7	8.9	21.6	2	10	4	0	0	2	8	24
	7/28/98	8.1	7.2	15.3	3	6	10	0	1	9	6	32
	7/30/98	10.91	11.83	22.74	3	4	8	0	0	9	3	24
	7/30/98	11.72	12.69	24.41	4	7	9	0	0	10	7	33
<b>TOTAL</b>		<b>54.23</b>	<b>51.22</b>	<b>105.5</b>	<b>15</b>		<b>64</b>		<b>1</b>		<b>67</b>	<b>132</b>
<b>GRAND TOTAL</b>		<b>327</b>	<b>267.6</b>	<b>594.56</b>	<b>79</b>		<b>208</b>		<b>90</b>		<b>185</b>	<b>499</b>

Table 2

All traverses were planned the day before and the drop-off, pick-up and several other intermediate points along the traverses were loaded in the GPS. Every geological unit encountered was sampled and analyzed. A brief description of the geological stations is available in appendix D. The coordinate of each geological station was recorded with a GPS and the coordinates were downloaded in a computer at night. A complete survival kit was positioned at the pick-up point for added security. The position of all field teams was also with the pilot and the engineer who stayed in camp.

The exploration of the seven (7) permits was conducted from four (4) different locations. The permit #1352 was investigated from Kuujjuaq. The Falconbridge exploration crew was based in the "Ministère des Ressources naturelles" camps to investigate the six other permits (fig.4). Permit #1355 located in the Torngat was explored from a camp situated 50 kilometers East of Kangiqsualujjuaq. The permits #1353, 1354, 1356 and 1357 were all prospected from a camp located on the shore of the Tasiviup Lake, which is situated 75 kilometers West of Aupaluk. The exploration of the permit #1358 was conducted from a camp located on the shore of Nedlouc Lake, which is 265 kilometers southwest of Kuujjuaq. The regional exploration work was also used from these camps.

## **2.2 Permit #1352**

The geological investigation of permit #1352 located 31.6 kilometers NW of Kuujjuaq was conducted from Kuujjuaq (Fort Chimo) between June 23<sup>rd</sup> and June 27<sup>th</sup> and July 23<sup>rd</sup> (fig.4). The permit is roughly 100 square kilometers. On July 23<sup>rd</sup>, four additional geological traverses were done on the permit in order to better delineate the geology and to investigate more lake bottom nickel anomalies.

Fourteen (14) geological traverses were completed on the permit for a total of 99.2 linear kilometers (see attached maps). During this geological survey, fourteen geochemical anomalies were ground truthed inside the limit and in the vicinity of the permit. Seventy-six (76) samples were taken on the permit (see table 2).

Our observations were that the permit is underlain by four (4) lithologies which are also common in the area: a biotite rich gneiss, a highly magnetic granitic gneiss, a highly altered gabbro and a pinkish tourmaline pegmatite (S-PL98-083). The biotite rich gneiss is light to medium gray, fine grained, non magnetic and composed of up to 35% biotite plus some (<1%) chlorite veinlets. A magnetic granitic gneiss can also be observed on this exploration permit. This gneiss is pinkish, fine grained, occasionally garnetiferous, strongly magnetic and the foliation is well developed and really variable. These units are strongly foliated and are crosscut by numerous small (cm scale) quartz veins. The strong local variation in the magnetism can be explained by the presence of local concentration (<5%) of magnetite. The general orientation of these units is mostly E-W (N259°).

The gabbro is dark green, fine to medium grained, highly foliated and non-magnetic. This unit is generally strongly altered and some times it is amphibolitized and chloritized. The

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pegmatite is white and pink, very coarse grained, massive and non magnetic. The crystals (biotite, tourmaline feldspath and quartz) are well developed to a cm scale size.

Some gossans were observed within the gneissic units. The rust was mostly explained by the presence of up to 3% biotite and in some rare case, up to 5% pyrite/pyrrhotite. Most of the time, the biotite was associated with graphite (1 to 3%). Typically, the nickel content of the gabbros and gossans was not elevated enough (below the 100 ppm) to explain the nickel anomalies in the surrounding lakes. However, in some case, such as a value of 166 ppm Ni obtained from a gneissic granite associated with an elongated gossan located in the NE part of the permit and oriented NW-SE, it is felt that the nickel content of the gossans is elevated enough to explain the lake sediment nickel anomaly.

### **2.3 Permit #1353**

Permit # 1353 is located approximately 206 kilometers NW of Kuujuaq, Quebec (fig.4). The permit covers an area of approximately 100 square kilometers and was investigated between July 7 and July 11, 1998.

Eight (8) geological traverses were conducted on the permit, for a total of 92.7 linear kilometers (see attached maps). During this geological survey, thirteen (13) nickel geochemical anomalies were visited. Eighty-one (81) samples were collected.

Geologically, the permit is mostly underlain of granitic rocks, metamorphosed to granulite facies and recrystallized in some area, which could account for the strong magnetic signature of some units. One small (100m<sup>2</sup>) outcrop of ultramafic rock was observed outside of the permit. The granitic unit is pinkish, fine to medium grained, generally massive and locally weakly deformed. Syntectites can be observed at some locations on the permit.

The gabbros were fresh, weakly deformed and vary in grain size from aphanitic to medium-grained. No mineralization was observed within the gabbroic intrusives and the magnetism was very variable. Some sections were amphibolitized and are strongly chloritized. The assaying of the gabbroic unit returned up to 550 ppm Ni, in some areas and could probably explain some lake bottom sediment nickel anomalies. Some small (hundred-meter scale) rusty horizons were observed on the permit but none of them returned any economical nickel numbers.

---

## 2.4 Permit #1354

Permit # 1354 is located 182 kilometers SW of Quaqtaq, Quebec (fig.4). The permit covers an area of approximately 50 square kilometres. It was prospected between July 18th and July 24<sup>th</sup>, 1998.

Twelve (12) geological traverses were conducted on the permit for a total of 107.9 linear kilometres (see attached maps). During the survey, fifteen (15) nickel geochemical anomalies were investigated in the field and eighty-seven (87) samples were taken (see table 2).

The geology of the permit consists of four major units: granite, biotite rich gneiss, tonalite and gabbroic rock. One outcrop of ultramafic rock was also observed within the permit. The granite is pinkish white, fine to medium grained, weakly magnetic and massive but a very slight foliation is observed in some part of the unit. This unit includes trace to 5% of small (mm scale) veinlets of epidote. The biotite rich gneissic rock is white generally fine-grained and well foliated. It could be a granitic gneiss. The unit is generally weakly magnetic and has over 20% biotite. Rare veinlets of epidote are visible in some part of this gneissic unit. Rare pyrite can be seen in some of the small (m scale) rusty spots (small gossans). Diorite or plagioclase rich granite can be seen on some outcrops. They are light gray, fine grained, lightly foliated and with about 25% quartz. The latter units are all crosscut and intruded by small (m scale) gabbroic dykes and plugs.

The gabbroic unit is greenish black to dark gray, fine to coarse grained, locally magnetic and well foliated. The orientation of the dykes is variable, however, the most common direction is around N320° and the dip is very steep at about 80°. Some chill margins can be observed at the contact between the gabbro and the other intrusive units. These margins are not very thick (mm to cm scale) and are not easily observed.

Ultramafic rocks were observed at two different locations. One is in the south half of the permit (S-LR-98-094) and the other was located almost 4 kilometers outside of the western boundary of the permit (S-LR-98-080). The latter was observed and sampled from the helicopter during the regional work. The ultramafic unit is massive, fine to medium grained, moderately to strongly magnetic, weathered light to medium brown and is composed of more than 30% MgO. The weathering makes this unit really easy to recognize in contrast with the light gray alteration associated with the granite, gneiss and tonalite. No mineralization was observed in this unit except for some rare trace of pyrite/pyrrhotite. The assaying of the ultramafic did not return any economic Ni values, however, the 2000 ppm Ni it contains combined with the geometry of the drainage and the pattern of the glacial dispersion could be sufficient to explain a series of lake bottom sediment nickel anomalies located within the limits of the exploration permit.

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## 2.5 Permit #1355

Between June 30<sup>th</sup> and July 6<sup>th</sup> the team performed geological traverses on permit #1355 and helicopter check on geochemical anomalies in the Torngats area (fig.4). Permit #1355 is located 230 kilometres ESE of Kuujuaq, Quebec. The permit covers an area of 98.67 square kilometres.

Eight (8) geological traverses were conducted on the permit for a total of 65.5 linear kilometers (see attached maps). During this geological survey, eight (8) nickel geochemical anomalies were investigated on the permit. Fifty-seven (57) samples were taken (see table 2).

The geology of the permit consists of two (2) lithologies common to the area: biotite rich gneiss and strongly magnetic granitic gneiss. Some gabbro and one occurrence of pegmatite were observed on the permit. A pyroxenitic outcrop was also observed outside of the boundary of the permit. The magnetic gneiss is light gray, fine to medium grained, highly magnetic, well foliated and with up to 2% biotite. Occasionally the biotite occurs within thin bands (mm to cm scale). Up to 10% pyrite/pyrrhotite was observed in some rusty horizons. The assaying of these rusty horizons did not returned any economical nickel values. The biotite rich gneiss is medium gray, medium grained, well foliated and composed of up to 20% magnetite, probably due to the metamorphism.

The gabbroic units are uncommon on the exploration permit. They are dark gray, fine to medium grained, massive to moderately foliated and generally highly magnetic. They are interpreted to be deformed dykes, xenolith or small isolated plugs. Their general orientation is around N315° and their dip is very variable. Small white and light pink dykes of pegmatite occur on the East side of the permit.

The only outcrop of ultramafic observed in the area (S-PL-98-035) is located approximately 4 kilometers outside of the SW border of the exploration permit. The latter was observed from the helicopter and sampled during the regional work. The ultramafic is massive, fine to medium grained, moderately to strongly magnetic and has a light to medium brown weathered surface. The weathering makes this unit really easy to recognize in comparison with the light gray alteration of the granite, gneiss and tonalite. No mineralization was observed in this unit except for some rare trace of pyrite/pyrrhotite. The assaying of the ultramafic did not returned any economic Ni values, however, the 1231 ppm Ni it contains combined with the geometry of the drainage and the pattern of the glacial dispersion could be sufficient to explain a series of lake bottom sediment nickel anomalies located in this area. This unit has a MgO content of 25.5%.

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## **2.6 Permit #1356**

Permit # 1356 is located 40 kilometres SW of Quaqtaq, Quebec (fig.4). The permit covers an area of approximately 50 square kilometres. It was prospected between July 12<sup>th</sup> and July 15<sup>th</sup>, 1998.

Three (3) geological traverses were conducted on the permit for a total of 51.5 linear kilometres (see attached maps). During the survey, six (6) nickel geochemical anomalies were investigated in the field. Twenty-three (23) samples were taken (see table 2).

The permit is mostly underlain by quartzo-feldspathic gneiss with biotite rich sections. The gneiss is light gray to pinkish, medium grained, lightly magnetic and contains small (mm scale), angular quartz-feldspar phenocrists. Some sections include more than 5% biotite. This unit is well foliated and in some area, the biotite is concentrated in small (cm scale) bands. One outcropping area shows a high degree of deformation where boudinage and peridotite xenolith can be observed. The gneissic unit also contains numerous small (cm scale) quartz veinlets perpendicular to the stratigraphy.

Locally, small gabbroic plugs and numerous gabbroic dykes were encountered and outside the limits of the permit. The gabbroic units are dark gray to black, fine to medium grained, highly foliated and generally non-magnetic. The general orientation of these dykes is about N345°. The dykes crosscut all other observed units and occasionally they can be followed for kilometers in and outside of the limits of the exploration permit.

No economical Ni values were obtained from the sampling of these units. The lake bottom sediment nickel anomalies on this exploration permit were not explained. It is believed that the Ni content of the gabbroic units (<100 ppm) may not be sufficiently elevated to explain the lake sediment anomalies observed on the permit (≈35 ppm).

## **2.7 Permit #1357**

Permit # 1357 is located approximately 280 kilometres NW of Kuujuaq, Quebec (fig.4). The permit covers an area of approximately 50.28 square kilometers. It prospected between July 12<sup>th</sup> and July 16<sup>th</sup>, 1998.

Six (6) geological traverses were conducted on the permit for a total of 72.26 linear kilometres (see attached maps). During the survey, ten (10) nickel geochemical anomalies were investigated. Forty-three (43) samples were taken (see table 2).

The permit area is mostly underlain by granite. The granite is light gray, medium grained, weakly to moderately magnetic and texturally can vary from massive to strongly foliated. Trace epidote can be seen on most of the granitic outcrops. Some sections of the granite are weakly gneissic. These sections are light to medium gray, fine to medium grained,

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weakly magnetic and contain traces of small (mm scale) garnet. They are well foliated and contain some small (m scale) rusty spots poorly mineralized.

Locally, small gabbroic intrusions were observed. They are generally dark gray, fine to medium grained, vary from massive to strongly foliated and are in most cases non-magnetic. They are considered to be small dykes within the granitic intrusive. Locally the dykes are strongly chloritized and foliated. The Ni content of some of the gabbroic units was up to 143 ppm. The nickel values could probably explain some of the lake bottom sediment nickel anomalies.

One small outcrop of silicate iron formation (S.I.F.) was observed (S-LR-98-097) 1 kilometer outside of the North border of permit 1357. No sulphides were observed. This S.I.F. returned 99 ppm nickel. Rocks with a nickel content of 100 ppm, which contrasts with the low nickel content of the surrounding rocks (5 -20 ppm Ni), could be the source of the high nickel values observed in the lake sediment.

## **2.8 Permit #1358**

The last area visited in the campaign was in the Nedlouc lake area, where Permit # 1358 is located (fig.4). The permit is situated about 270 kilometres west of Kuujuaq, Quebec. The permit covers an area of approximately 98.65 square kilometres. It was prospected between July 27 and July 30, 1998.

Ten (10) geological traverses were conducted on and adjacent to the permit for a total of 105.50 linear kilometres (see attached maps). Fifteen (15) nickel geochemical anomalies were investigated in the field. One hundred and twenty eight (128) samples were taken (see table 1).

J.A. Percival from 1992 to 1995 has mapped this greenstone belt in detail at a 1:50,000 scale. His structural analysis of the Vizien demonstrates five generations of ductile deformation, as well as brittle faulting. This belt is strongly deformed. Geological traverses were conducted across the ultramafic units in order to evaluate their potential to host nickel mineralization.

The eastern half of the permit area is predominantly underlain by a massive to strongly foliated tonalite. Locally, small gabbroic intrusives were observed within the tonalitic rock. The latter are generally fine grained and vary from massive to strongly foliated and are in most cases non-magnetic.

The western half of the permit is underlain by an intercalation of mafic and felsic volcanic rocks. The beds vary in width from 30 centimeters to 50 meters. The mafic volcanics are generally fine grained and chloritized. Between 10 and 15% of this unit consists of epidote veinlets trending parallel to the regional foliation. The felsic volcanics are fine grained and are composed of mostly quartz and feldspar. Both units are strongly foliated.

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The gabbroic units encountered on the permit are dark gray to black, fine to coarse grained, lightly to strongly magnetic, the foliation is generally well developed. The elevated Ni content of the gabbros, up to 1000 ppm, could explain some of the lake bottom sediment nickel anomalies observed on the permit.

The southwestern part of the permit is underlain by foliated tonalite intercalated with ultramafic (UM) intrusives. Some UM outcrops were also observed outside of the NE limit of the belt within the tonalite. They were similar to those observed in the Vizien greenstone belt itself. They weather to a medium to dark brown color, are very fine-grained, massive to highly deformed and strongly magnetic. Ultramafic rocks can be observed in many locations on this exploration permit. The UM vary from massive to moderately and strongly deformed. They are fine to medium grained, moderately to strongly magnetic, weathered medium to dark brown and have a MgO content of up to 34.66%. The weathering makes this unit really easy to recognize. The whole rock analyses indicates that these UM are peridotites. No economical Ni values were associated with the UM. However, the elevated Ni content (1,961 ppm) of the UM, combined with the geometry of the drainage basin and the pattern of glacial dispersion could explain the lake bottom sediment nickel anomalies present within the limits of the exploration permit.

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## SECTION 3 – REGIONAL EXPLORATION

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### 3.1 Methodology

Regional reconnaissance was a significant component of the 1998 Grand Nord field program. The objective of the reconnaissance work was to investigate the pre-selected lake bottom sediment nickel anomalies (fig.5) and anomalous areas (fig. 6), which were deemed significant but were not permitted (see attached map).

The regional work was conducted using a helicopter and a team of two geologists. The anomalies of interest had to be located within a 160 kilometers radius of the base camp due to the range limitation of the helicopter. The Falconbridge crew was based in the “Ministère des Ressources naturelles” camps. The location of these camps is described in the section 2.1 of this report. The coordinates (UTM) of the pre-selected anomalies were put in the GPS following a route. This route was established to optimize the helicopter time and to maximize the number of anomalies visited. Each selected anomaly was visited and a ground investigation was executed on gossans, ultramafics or interesting geological features. During this regional exploration program Falconbridge visited 669 Ni anomalies. Even though no Ni mineralization was observed, 293 samples were taken and analyzed in order to identify possible sources for the anomalies. Some ultramafic bodies were found, however, in all cases they were small and un-mineralized. They were exclusively of pyroxenitic and peridotitic composition. Complete assay results are available in appendix A, B and C of this report. The following table summarizes the regional exploration work conducted with helicopter support in the various areas during the campaign.

#### REGIONAL WORK

AREA	HELICOPTER HOURS	ANOMALIES INVESTIGATED	SAMPLES
KUUJJUAQ	19.9	85	47
TORNGATS	29.5	194	119
TASIVIUP	52.3	217	104
NEDLOUC	24.5	173	23
TOTAL	126.2	669	293

TABLE 3

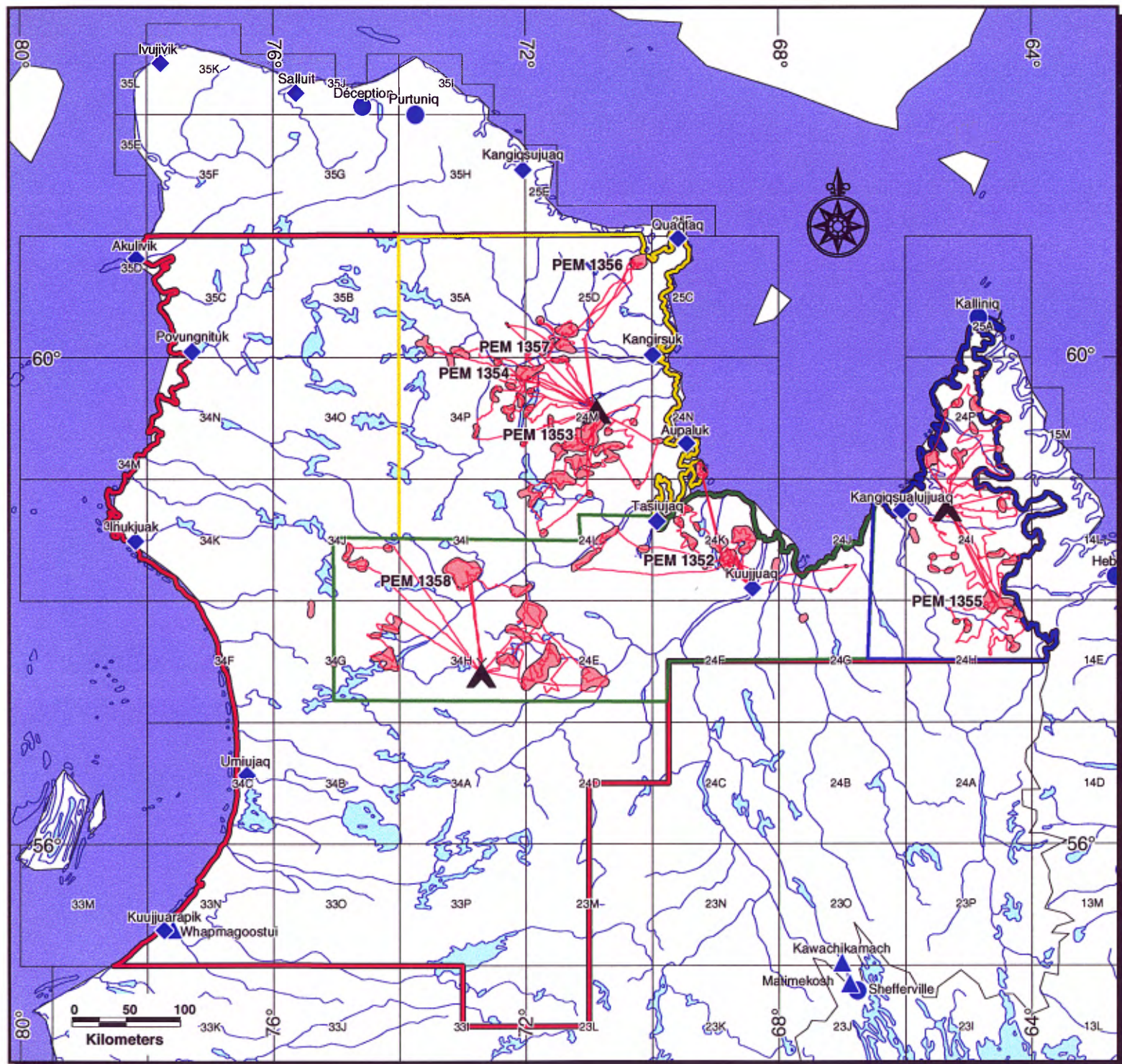
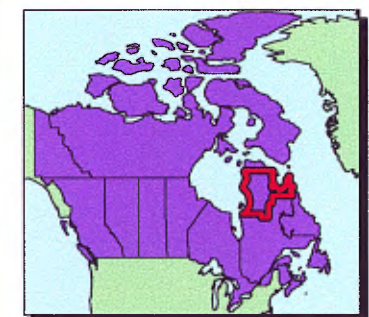
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FALCONBRIDGE

### Grand Nord Project Regional Exploration Anomalous Zones and Helicopter Traverses



#### LEGEND

- Ni Anomalous Zones (Ni > 90 percentile)
- Québec Government Camps
- Falconbridge Permits
- Tasiviup Area
- Torngats Area
- Kuujuaq and Nedlouc Area
- Limit of 97 Lake Sediments Geochemical Survey
- Helicopter Traverses

Figure 6



### 3.2 Kuujjuaq Area

The Kuujjuaq area was investigated between June 22<sup>nd</sup> and June 28<sup>th</sup>, 1998. It is located between the Leaf River to the West and the Koksoak River to the East. The northern limit is the Leaf bay and the southern limit is the town of Kuujjuaq (fig.6). One helicopter traverse was made outside these limits, further to the East (see attached map). A total of 85 lake bottom nickel anomalies were visited and 47 samples were taken. 19.9 hours of helicopter were used to explore this area. The path of all helicopter traverses flown is shown on the attached regional exploration map (1:1,000,000 scale).

The area is mostly underlain by biotite rich gneiss, strongly magnetic gneiss and scattered gabbroic dykes. Ultramafic rocks (peridotite) were encountered only in the easternmost traverse. The purpose of this traverse was to investigate two known ultramafics outlined by the Government geological mapping. One ultramafic assayed over 1200 ppm nickel and no sulfides were observed. A second ultramafic did not returned any significant nickel values. The ultramafic units were strongly altered and highly deformed by the surrounding gneissic units. No lake bottom sediment nickel anomalies were associated with these ultramafic units.

Many kilometric scale gossans were found and sampled (see photo below). The rusty horizons were generally caused by biotite rich gneiss with, in some cases, a weak percentage (<5%) of pyrite/pyrrhotite. The assaying of these gossans did not returned any elevated nickel values. Many of the lake bottom sediment nickel anomalies still remains unexplained.



Gossan in the Kuujjuaq area

### 3.3 Torngats Area

The Torngats area was investigated between June 29<sup>th</sup> and July 5<sup>th</sup>, 1998. The Newfoundland border to the East and the George River to the West delimits the area investigated (fig.6). The northern limit of the area is located 35 kilometers North of the Ablovialq fjord and the southern limit is located 50 kilometers South of the Tasirlaq Lake (see attached map). A total of 194 lake bottom sediment nickel anomalies were visited and 119 rock samples were taken. 29.5 hours of helicopter were used to explore the area. The path of all helicopter traverses flown is shown on the attached regional exploration map (1:1,000,000 scale).

The area is mostly underlain by biotite rich gneiss, strongly magnetic gneiss, gabbroic dykes and isolated ultramafic occurrences. The topography of the Torngats area is mountainous. Gossans, generally caused by biotite gneiss  $\pm$  pyrite/pyrrhotite are common in the area. In some cases, entire mountain slopes were gossanous due to the downhill staining below a gossanous horizon. Sampling of these gossans yielded values between 2 and 83 ppm Ni. These values are not economic and may not explain the lake bottom sediment nickel anomalies.

Numerous ultramafic (UM) bodies some of which were not previously mapped (see photo below), were investigated. The UM typically occurred as small (<100m) isolated pods. Most were located in the vicinity (<20 kilometers) of the Newfoundland border and in the Torngat. Most of the ultramafics were interpreted as boudinaged ultramafic sill or tectonic outlier and they are generally located in a gneissic unit. The MgO of these units vary from 23 to 43% and they are rarely and weakly mineralized (1 – 2 % Py/Po). The assaying of the ultramafic units returned from 1,032 Ni ppm to 3,568 Ni ppm. These results are thought to explain a series of lake bottom sediment nickel anomalies located in the vicinity of the UM bodies. A study of the geochemistry of these UM could be done to know if these UM are correlated to the same geological event. These ultramafic bodies are interpreted to be of pyroxenitic and peridotitic composition and they are always visible from the air.





### 3.4 Tasiviup Area

The Tasiviup area was investigated between July 6<sup>th</sup> to July 25<sup>th</sup>, 1998 (fig.6). The base camp was located on the shore of Tasiviup Lake, which is approximately 5 kilometers South of the larger Peters Lake (see attached map). A total of 217 lake bottom sediment nickel anomalies were visited and 104 rock samples were taken. 52.3 hours of helicopter have been used to conduct the exploration in this area. The path of all helicopter traverses flown is shown on the attached regional exploration map (1:1,000,000 scale).

The area is mostly underlain by intrusive rocks of granitic and dioritic composition. This area is located within the Superior province. The topography of this sector is relatively flat with small hills. All the rocks present in this area are strongly deformed and metamorphosed to the granulite facies. The low magnetic signatures are generally associated with tonalitic units and, in some cases, small volcanic belts. The tonalitic rocks are strongly foliated, occasionally gneissic and are cut by gabbroic dykes and granitic units. The high magnetic signatures are commonly associated by the presence of magnetite in the granitic units. The greenstone belts of this area have been subjected to strong regional deformation and a high degree of metamorphism, for this reason they can be difficult to recognize. Rarely, small portions of volcanic belts have been preserved from the deformation and pillows can be observed.

Some Iron Formations (IF) were found and sampled. Most were located approximately 30 to 40 kilometers southwest of the Tasiviup Lake. The IF were typically silicate facies, however, oxide and to a lesser extent sulphide facies were also observed. The IF occur as rafts up to 2-3 kilometers long within the highly deformed and metamorphosed gneisses and tonalites. The IF were generally not mineralized, however, up to 5% pyrrhotite and trace of chalcopyrite was observed in places. The nickel content of the IF can be as high as 1,129 ppm and is believed to explain the lake bottom sediment nickel anomalies in the area.

Some rare ultramafics (see photo below) have been observed and investigated in this area. These ultramafic units were interpreted as highly altered peridotites. They returned over 31.22% MgO and, as the SIF, they could explained some lake bottom nickel anomalies with a content of up to 2,146 ppm Ni.

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**Highly altered peridotite**

### 3.5 Nedlouc Area

The Nedlouc area was investigated between July 25<sup>th</sup> and August 3<sup>rd</sup>, 1998 (fig.6). The base camp was located on the shore of Nedlouc Lake, which is about 265 kilometers WSW of Kuujjuaq (see attached map). A total of 173 lake bottom nickel anomalies were visited and 23 samples were taken. 24.5 hours of helicopter were used to conduct the exploration of this area. The path of all helicopter traverses flown is shown on the attached regional exploration map (1:1,000,000 scale).

The area is mostly underlain by intrusive rocks, which are of granitic, granodioritic and tonalitic composition. The topography of this area is generally flat with small hills and valleys (see photo p.24). The Leaf River and the “Rivière aux Mélèzes” represent the only major fluctuation in the topography of this sector. This sector is located within the Superior province.

The rare metavolcanic rocks encountered in the investigated area were difficult to recognize due to the high degree of metamorphism and deformation present in this area. They are mafic to felsic in composition with isogranular texture due to the metamorphism. Occasionally, the metavolcanic units are stretched by the deformation and in a relatively short length, 10 meters or less, several felsic and mafic units can be seen to alternate. Some ultramafic (UM) units have been observed outside the limits of the permits and they were almost identical to those investigated on the permit #1358. The UM weather to a dark brown color, they are very fine-grained, massive to highly deformed and strongly magnetic. These UM returned Ni values up to 1,505 ppm. They explain some of the lake

bottom sediment nickel anomalies. Few gossans were encountered in this area and were all biotite rich gneiss with rare traces of pyrite/pyrrhotite. Some gabbroic dykes were also observed but they were not common, as they were in the three other investigated areas. The assaying of these gneissic and gabbroic units did not return any economic nickel values.



View of the flat topography of the Nedlouc area

## SECTION 4 - CONCLUSION

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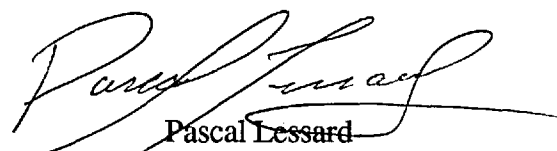
During the 1998 summer field campaign, Falconbridge exploration crew investigated 750 lake bottom sediment nickel anomalies in the three selected regions; Torngat, Tasiviup and Kuujuaq/Nedlouc (fig.6) and on seven (7) exploration permits: #1352 to #1358 (fig.4). Geological traverses have been done on these permits to better understand the geology and to explain the lake bottom sediment nickel anomalies (see attached map). In some cases, the source of these anomalies was identified. Iron formations, small ultramafics bodies, gabbroic dykes and some small rusty and poorly mineralized horizons in the gneissic units were the four possible sources of the anomalies.

A small amount of ultramafic rock (<10km<sup>2</sup>) was mapped on the permit #1358 (see attached map), located in the Vizien greenstone belt, but unfortunately, no mineralization was observed in or at the contact with this unit. This type of small metavolcanic belt is common in this part of the Superior province. The "Ministère des Ressources naturelles" outlined numerous small greenstone belts in this area during their 1998 mapping campaign. The fact that these belts are far from the tide water (generally over 100 kilometers) and the poor chance to find economic deposit in these small greenstone belts give the necessary arguments to not consider these belts as good targets for nickel exploration.

The Grand Nord area is a vast and still unexplored region. During the campaign 1998, we visited all planned targets and investigated 750 lake bottom sediment nickel anomalies. We did not have much success but there is still 1750 anomalies ranking over the 90 percentile to investigate (fig.5). The Government will continue to map this sector to enhance the geology and to promote the exploration potential. The partnership in all fields with the Government should continue in the futur to improve the chance of a major discovery by Falconbridge.

With our results (analytical results in appendix A, B and C) and the fact that the Government did not outline any major exploration targets, no work should be planned for next year, except for the monitoring of the competitor activities and the futur Government mapping.

Respectfully Submitted



Pascal Lessard  
Senior Field Geologist

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**APPENDIX A**

## NICKEL ASSAYS RESULTS

ID_Assay	ID_Station	Area	Easting	Northing	Rock_Facies	Ni_ppm	Cu_ppm	Co_ppm	S_total	Au	Pt	Pd
QA04002	S-JM98-004	1352	510783	6461068	Gneiss	16	45	11	0,04	2	-5	-1
QA04003	S-JM98-005	1352	509195	6458821	Gneiss	136	252	47	1,53	4	-5	5
QA04005	S-JM98-008	1352	507920	6461517	Gneiss	17	34	23	0,02	-1	-5	-1
QA04007	S-JM98-011	1352	506088	6464968	Amphibolite	99	67	43	0,1	-1	-5	-1
QA04008	S-JM98-012	1352	506021	6464126	Gneiss	9	7	5	0,04	-1	-5	-1
QA04012	S-JM98-018	1352	511817	6464561	Gneiss	46	111	24	0,1	-1	-5	-1
QA04013	S-JM98-019	1352	510937	6476788	Gneiss	30	38	19	0,02	-1	-5	-1
QA04016	S-JM98-023	1352	509714	6473711	Gneiss	10	26	5	0,79	-1	-5	-1
QA04151	S-LR98-001	1352	510741	6462935	Gneiss	7	24	8	0,19	-1	-5	-1
QA04157	S-LR98-007	1352	507154	6460265	Gneiss	21	234	28	0,02	-1	-5	-1
QA04159	S-LR98-009	1352	505909	6461523	Gneiss	2	32	5	-0,02	1	-5	-1
QA04160	S-LR98-010	1352	505753	6462029	Gneiss	80	230	29	0,39	2	-5	5
QA04162	S-LR98-012	1352	506004	6464030	Gneiss	120	17	47	-0,02	-1	-5	-1
QA04163	S-LR98-013	1352	508503	6466132	Paragneiss	49	58	23	-0,02	-1	-5	-1
QA04168	S-LR98-018	1352	531493	6437129	Paragneiss	4	25	-1	0,14	2	-5	-1
QA04169	S-LR98-019	1352	510847	6476975	Paragneiss	65	12	23	0,02	-1	-5	-1
QA04170	S-LR98-020	1352	510619	6475665	Paragneiss	41	55	21	0,02	1	-5	-1
QA04171	S-LR98-021	1352	510018	6473715	Granito-gneiss	8	5	-1	0,06	-1	-5	-1
QA04172	S-LR98-022	1352	519982	6467865	Quartzite	-1	6	-1	-0,02	-1	-5	-1
QA04173	S-LR98-023	1352	520817	6468356	Paragneiss	2	16	-1	0,31	1	-5	-1
QA04174	S-LR98-024	1352	521057	6467953	Paragneiss	11	12	5	0,14	-1	-5	-1
QA04175	S-LR98-025	1352	520942	6466968	Paragneiss	4	33	6	0,12	-1	-5	2
QA05981	S-LR98-179	1352	510044	6470608	Paragneiss	31	751	17	3,32	6	-5	-1
QA04213	S-JM98-051	1353	394722	6592436	Orthogneiss	71	39	22	0,03	1	-5	1
QA04214	S-JM98-052	1353	394370	6592501	Granite	8	50	7	0,07	-1	-5	-1
QA04215	S-JM98-053	1353	393934	6592171	Gabbro	11	36	11	0,08	-1	-5	-1
QA04216	S-JM98-057	1353	391897	6590669	Amphibolite	600	18	67	0,03	-1	9	9
QA04217	S-JM98-058	1353	391734	6590461	Amphibolite	385	651	77	2,21	11	8	9
QA04218	S-JM98-061	1353	390398	6588690	Amphibolite	88	10	40	0,03	2	-5	-1
QA04219	S-JM98-063	1353	388226	6588568	Gneiss	47	34	35	0,02	-1	-5	-1
QA04220	S-JM98-064	1353	386770	6588037	Granodiorite	10	41	5	0,28	2	-5	-1
QA04221	S-JM98-065	1353	385834	6587512	Granodiorite	12	10	-1	0,03	-1	-5	-1
QA04222	S-JM98-066	1353	383237	6583792	Granodiorite	9	11	3	-0,02	-1	-5	-1
QA04223	S-JM98-068	1353	383491	6582593	Gabbro	63	69	47	0,08	3	-5	-1
QA04224	S-JM98-071	1353	383532	6582153	Granite	11	21	16	0,12	-1	-5	-1
QA04225	S-JM98-073	1353	384224	6581401	Gabbro	14	145	13	0,21	-1	-5	-1
QA04226	S-JM98-075	1353	384513	6580952	Gabbro	75	521	25	0,83	5	-5	1
QA04227	S-JM98-076	1353	384309	6580567	Quartz vein	9	11	8	0,02	1	-5	-1
QA04228	S-JM98-080	1353	380309	6579851	Granite	41	165	11	0,06	-1	-5	-1
QA04229	S-JM98-082	1353	384215	6577288	Gabbro	50	137	40	0,08	1	-5	2
QA04230	S-JM98-083	1353	383812	6577185	Amphibolite	340	6	59	-0,02	-1	12	11
QA04231	S-JM98-084	1353	383601	6577321	Gabbro	55	174	43	0,08	3	-5	9
QA04232	S-JM98-089	1353	380453	6573896	Gabbro	547	7	59	-0,02	-1	-5	8
QA04233	S-JM98-096	1353	383600	6589782	Gneiss	8	26	13	0,11	-1	-5	-1
QA04234	S-JM98-098	1353	382929	6588257	Granite	6	3	4	-0,02	-1	-5	-1
QA05969	S-LR98-060	1353	390392	6585190	Granite	21	31	11	0,03	4	-5	1
QA05970	S-LR98-066	1353	383997	6579551	Granite	42	47	33	0,04	-1	-5	-1
QA05971	S-LR98-070	1353	383708	6578000	Granite	12	3	4	-0,02	-1	-5	-1
QA05972	S-LR98-072	1353	381441	6578739	Gabbro	24	156	35	0,11	1	-5	-1
QA04236	S-JMS98-017	1354	666808	6643066	Gabbro	62	26	15	0,04	-1	-5	2
QA04237	S-JMS98-019	1354	666340	6642772	Gabbro	87	17	19	0,02	6	-5	2
QA04238	S-JMS98-025	1354	665061	6641205	Gabbro	112	77	50	0,06	1	-5	-1

## NICKEL ASSAYS RESULTS

ID_Assay	ID_Station	Area	Easting	Northing	Rock_Facies	Ni_ppm	Cu_ppm	Co_ppm	S_total	Au	Pt	Pd
QA04239	S-JMS98-026	1354	664667	6641107	Gneiss	7	8	3	-0,02	-1	-5	-1
QA04240	S-JMS98-035	1354	335934	6640559	Hornblendite	25	49	36	0,11	-1	-5	-1
QA05978	S-LR98-136	1354	659574	6642687	Gabbronorite	148	10	47	0,04	-1	14	17
QA05979	S-LR98-144	1354	660993	6642055	Iron formation	27	158	44	0,16	1	-5	3
QA05982	S-LR98-194	1354	666122	6639158	Pyroxenite	1335	28	92	0,05	1	-5	2
QA08398	S-IL98-165	1354	664027	6645703	Gneiss	14	32	27	9,04	4	-5	-1
QA05951	S-LR98-028	1355	413861	6424741	Paragneiss	31	138	13	0,47	-1	-5	-1
QA04201	S-JM98-029	1355	414662	6426260	Gabbro	21	13	9	-0,02	-1	-5	-1
QA04202	S-JM98-029	1355	414662	6426260	Gabbro	98	11	33	-0,02	-1	8	10
QA04203	S-JM98-032	1355	411760	6424969	Orthogneiss	40	32	15	0,04	-1	-5	-1
QA04204	S-JM98-033	1355	407050	6424654	Orthogneiss	31	27	10	0,04	-1	-5	-1
QA04205	S-JM98-034	1355	406329	6426048	Gabbro	142	16	29	0,02	-1	-5	-1
QA04206	S-JM98-037	1355	404222	6429056	Gneiss	35	38	23	0,09	1	-5	3
QA04207	S-JM98-039	1355	406751	6426376	Gabbro	636	5	71	0,02	2	-5	2
QA04208	S-JM98-040	1355	406726	6426682	Paragneiss	11	133	3	0,2	-1	-5	-1
QA04209	S-JM98-041	1355	405792	6427259	Gneiss	5	62	11	0,03	3	7	8
QA04210	S-LR98-044	1355	413762	6521921	Orthogneiss	19	99	26	0,03	-1	-5	-1
QA04211	S-JM98-045	1355	407166	6427731	Orthogneiss	17	20	12	0,02	-1	-5	-1
QA04212	S-JM98-047	1355	405173	6427425	Gneiss	21	28	17	0,06	-1	-5	-1
QA05952	S-LR98-029	1355	413620	6425042	Granito-gneiss	56	131	31	1,44	2	-5	1
QA05953	S-LR98-030	1355	412344	6424965	Gabbro	199	257	56	0,23	4	-5	3
QA05954	S-LR98-031	1355	410583	6424208	Granito-gneiss	2	9	11	0,02	-1	-5	-1
QA05955	S-LR98-032	1355	407050	6424654	Gneiss	-1	6	8	-0,02	-1	-5	-1
QA05956	S-LR98-033	1355	406329	6426048	Gneiss	3	5	7	-0,02	-1	-5	-1
QA05957	S-LR98-035	1355	405500	6427474	Gabbro	81	72	24	0,22	2	-5	-1
QA05958	S-LR98-036	1355	404222	6429056	Orthogneiss	83	27	20	0,02	-1	-5	-1
QA05959	S-LR98-039	1355	403140	6433274	Orthogneiss	58	52	42	-0,02	-1	-5	-1
QA05960	S-LR98-040	1355	400579	6431259	Granito-gneiss	10	7	8	-0,02	-1	-5	-1
QA05962	S-LR98-041	1355	416660	6522828	Paragneiss	28	33	13	0,07	-1	-5	1
QA05963	S-LR98-045	1355	412198	6520299	Dunite	2481	10	87	0,27	9	-5	10
QA05964	S-LR98-047	1355	408770	6429325	Orthogneiss	10	6	6	-0,02	1	-5	-1
QA05965	S-LR98-050	1355	405989	6428596	Orthogneiss	3	7	4	0,03	-1	-5	-1
QA05966	S-LR98-051	1355	405515	6428376	Orthogneiss	32	53	15	-0,02	4	-5	1
QA05967	S-LR98-053	1355	402566	6427706	Paragneiss	14	17	7	0,36	1	-5	-1
QA08394	S-PL98-040	1356	437876	6744118	Gabbro	79	134	43	0,12	-1	-5	2
QA04235	S-JM98-102	1357	369924	6666632	Gabbro	97	36	23	0,3	-1	-5	-1
QA05974	S-LR98-097	1357	366761	6669849	Iron formation	88	57	36	0,06	-1	-5	-1
QA05975	S-LR98-108	1357	371411	6665539	Gabbro	143	117	46	0,14	-1	-5	1
QA05976	S-LR98-113	1357	366962	6665951	Gneiss	21	55	14	0,02	-1	-5	-1
QA05977	S-LR98-114	1357	365906	6665846	Granite	5	294	8	0,31	34	-5	6
QA08397	S-IL98-144	1357	363650	6662160	Gneiss	58	514	28	0,93	6	-5	1
QA08400	S-IL98-212	1358	617747	6443782	Gabbro	163	65	29	0,37	-1	-5	4
QA04052	S-IL98-002	KUUJJUAQ	524281	6484536	Gneiss	76	317	27	2,2	39	-5	2
QA04053	S-IL98-003	KUUJJUAQ	522892	6485064	Gneiss	154	60	33	0,06	4	-5	1
QA04056	S-IL98-006	KUUJJUAQ	527583	6484738	Gneiss	386	655	91	3,18	10	9	12
QA04058	S-IL98-007	KUUJJUAQ	525988	6470471	Gneiss	18	76	23	0,48	-1	-5	-1
QA04059	S-IL98-008	KUUJJUAQ	520344	6468497	Gneiss	30	57	6	1,21	-1	-5	-1
QA04063	S-PL98-004	KUUJJUAQ	485799	6549904	Gneiss	93	86	30	1,25	1	-5	-1
QA04068	S-PL98-010	KUUJJUAQ	489751	6543975	Gneiss	12	54	16	0,22	1	-5	1
QA04071	S-PL98-012	KUUJJUAQ	630235	6463771	Pyroxenite	452	72	60	0,07	-1	9	7
QA04072	S-PL98-013	KUUJJUAQ	629957	6463853	Pyroxenite	1220	146	87	0,8	2	7	6
QA04074	S-PL98-017	KUUJJUAQ	613029	6441904	Peridotite	13	44	32	0,04	-1	-5	7

## NICKEL ASSAYS RESULTS

ID_Assay	ID_Station	Area	Easting	Northing	Rock_Facies	Ni_ppm	Cu_ppm	Co_ppm	S_total	Au	Pt	Pd
QA04080	S-PL98-022	KUUJJUAQ	472441	6485532	Gabbro	62	69	20	1,38	-1	-5	-1
QA04081	S-PL98-023	KUUJJUAQ	472167	6484657	Gabbro	53	143	23	5,68	-1	-5	-1
QA04083	S-PL98-024	KUUJJUAQ	473015	6484961	Gabbro	55	149	35	0,61	1	-5	-1
QA04086	S-PL98-026	KUUJJUAQ	495366	6459194	Schist	69	95	33	0,41	-1	-5	1
QA04090	S-PL98-029	KUUJJUAQ	395939	6491945	Gabbro	249	63	52	0,36	-1	-5	-1
QA04092	S-PL98-030	KUUJJUAQ	389634	6482854	Granite	226	225	40	1,82	2	-5	4
QA04104	S-PL98-020	KUUJJUAQ	505274	6481027	Gneiss	13	8	4	0,06	-1	-5	-1
QA06801	S-IL98-239	NEDLOUC	549462	6477308	Gabbro	993	539	75	0,53	4	-5	2
QA08381	S-IL98-075	TASIVIUP	318337	6685349	Syenite	5	4	5	0,13	-1	-5	-1
QA08382	S-IL98-076	TASIVIUP	340187	6679715	Gabbro	77	168	30	0,42	-1	-5	-1
QA08383	S-IL98-078	TASIVIUP	337756	6654294	Pyroxenite	81	474	92	13,39	14	-5	1
QA08384	S-IL98-078	TASIVIUP	337756	6654294	Pyroxenite	96	441	90	15,07	20	-5	1
QA08385	S-IL98-078	TASIVIUP	337756	6654294	Pyroxenite	89	235	36	14,03	8	-5	-1
QA08386	S-IL98-079	TASIVIUP	335463	6651460	Gabbro	35	528	31	1,69	8	-5	-1
QA08387	S-IL98-083	TASIVIUP	368336	6643820	Gabbronorite	38	46	38	0,21	-1	-5	-1
QA08388	S-IL98-083	TASIVIUP	368336	6643820	Gabbronorite	333	598	39	2,55	6	-5	2
QA08389	S-IL98-086	TASIVIUP	372833	6573280	Gabbro	150	1919	69	2,06	12	-5	1
QA08390	S-IL98-094	TASIVIUP	354733	6584136	Gabbro	678	767	62	1,42	3	-5	5
QA08391	S-IL98-095	TASIVIUP	347083	6587099	Iron formation	1129	36	97	0,02	-1	-5	1
QA08392	S-IL98-110	TASIVIUP	339224	6493912	Gabbronorite	419	5	66	-0,02	2	8	11
QA08393	S-IL98-114	TASIVIUP	372571	6545984	Pyroxenite	704	18	90	0,04	-1	-5	-1
QA08396	S-IL98-126	TASIVIUP	347884	6688191	Pyroxenite	1563	172	100	0,1	4	5	3
QA05919	S-IL98-039	TORNGATS	378695	6511314	Gneiss	304	92	42	8,84	11	-5	25
QA07901	S-PL98-032	TORNGATS	409574	6422410	Gneiss	27	51	10	0,13	-1	-5	-1
QA07902	S-PL98-033	TORNGATS	409808	6422183	Gneiss	76	45	14	2,33	-1	-5	-1
QA07903	S-PL98-034	TORNGATS	399906	6423275	Gneiss	55	52	39	2,28	-1	-5	-1
QA07904	S-PL98-035	TORNGATS	399773	6423288	Pyroxenite	1231	29	80	0,16	2	-5	3
QA07905	S-PL98-036	TORNGATS	425812	6471888	Peridotite	2348	14	91	-0,02	-1	-5	-1
QA08351	S-IL98-012	TORNGATS	425309	6409345	Orthogneiss	8	19	16	0,05	-1	-5	-1
QA08352	S-IL98-013	TORNGATS	425339	6409435	Gneiss	38	15	10	0,05	-1	-5	-1
QA08353	S-IL98-016	TORNGATS	423792	6387727	Orthogneiss	32	6	5	-0,02	-1	-5	-1
QA08354	S-IL98-017	TORNGATS	417376	6394889	Gneiss	102	222	33	1,38	1	16	16
QA08355	S-IL98-019	TORNGATS	405116	6393973	Gneiss	177	160	58	4,76	4	-5	-1
QA08356	S-IL98-026	TORNGATS	378165	6407037	Rhyolite	204	822	72	9,79	-1	-5	-1
QA08357	S-IL98-025	TORNGATS	371824	6393492	Gneiss	30	14	11	0,1	-1	-5	4
QA08358	S-IL98-032	TORNGATS	401038	6423876	Gneiss	41	43	35	1,14	-1	-5	-1
QA08359	S-IL98-036	TORNGATS	425711	6471074	Peridotite	2463	18	98	0,09	-1	-5	-1
QA08360	S-IL98-037	TORNGATS	425715	6471390	Peridotite	2500	20	93	0,07	-1	-5	2
QA08361	S-IL98-038	TORNGATS	415576	6464434	Peridotite	1313	121	67	0,29	-1	6	5
QA08362	S-IL98-038	TORNGATS	415576	6464434	Peridotite	1284	25	68	0,02	-1	6	3
QA08363	S-IL98-042	TORNGATS	399445	6482255	Gneiss	19	13	7	0,24	2	-5	-1
QA08364	S-IL98-043	TORNGATS	400585	6445399	Gneiss	27	22	27	0,34	-1	-5	2
QA08365	S-IL98-046	TORNGATS	369075	6473005	Schist	21	39	7	0,87	-1	-5	-1
QA08366	S-IL98-048	TORNGATS	353850	6498840	Gneiss	11	9	6	0,12	2	-5	-1
QA08367	S-IL98-051	TORNGATS	409807	6511341	Gneiss	1143	71	61	0,04	1	6	5
QA08368	S-IL98-052	TORNGATS	411608	6511132	Pyroxenite	1203	47	70	0,02	-1	6	3
QA08369	S-IL98-053	TORNGATS	426493	6507637	Peridotite	2445	37	97	0,19	-1	-5	1
QA08370	S-IL98-053	TORNGATS	426493	6507637	Peridotite	1745	88	75	0,06	-1	6	5
QA08371	S-IL98-054	TORNGATS	419591	6515195	Pyroxenite	3568	121	109	0,26	-1	25	27
QA08372	S-IL98-055	TORNGATS	422353	6522317	Peridotite	2302	19	97	0,02	1	-5	2
QA08373	S-IL98-056	TORNGATS	422308	6526772	Peridotite	2066	23	83	0,08	-1	10	12
QA08374	S-IL98-057	TORNGATS	367064	6526047	Gneiss	12	13	-1	0,05	2	-5	-1

## NICKEL ASSAYS RESULTS

ID_Assay	ID_Station	Area	Easting	Northing	Rock_Facies	Ni_ppm	Cu_ppm	Co_ppm	S_total	Au	Pt	Pd
QA08375	S-IL98-060	TORNGATS	387164	6527446	Gneiss	220	177	47	16,83	3	-5	4
QA08376	S-IL98-060	TORNGATS	387164	6527446	Gneiss	197	217	49	20,86	3	-5	6
QA08377	S-IL98-060	TORNGATS	387164	6527446	Gneiss	31	119	8	2,21	-1	-5	-1
QA08378	S-IL98-070	TORNGATS	375621	6610093	Pyroxenite	1033	54	54	0,11	9	8	11
QA08379	S-IL98-071	TORNGATS	388805	6626908	Pyroxenite	1186	107	66	0,16	6	8	8



**APPENDIX B**

MULTI-ELEMENT ASSAYS RESULTS

ID Assay	ID Station	Area	Eastng	Northing	Rock Facies	Ba_ppm	Nb_ppm	Sr_ppm	Y_ppm	Zr_ppm	Ni_ppm	Cu_ppm	Co_ppm	Fe_total	Ag_ppm	Al%	As_ppm	BI_ppm	Ca%	Cd_ppm	Cr_ppm	Ga_ppm	K%	La_ppm	Lj_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Pb_ppm	Se_ppm	Sb_ppm	Sn_ppm	Ta_ppm	Tm_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
QA04004	S-JM96-006	1352	509161	6459114	Quartzite	95	-5	154	15	21	17	20	31	7.22	-0.5	8.48	8	-5	3.2	-1	71	15	0.61	8	62	2.16	1157	1	2.49	-2	23	-5	-20	10	-25	0.57	-0.5	210	-20	55
QA04009	S-JM96-013	1352	506793	6456339	Gneiss	719	-5	341	12	36	17	100	8	5.85	0.6	5.76	8	-5	5.97	-1	488	15	1.34	9	-2	2.49	1319	2	1.89	16	33	-5	-20	5	-25	0.2	3	107	-20	137
QA04010	S-JM96-016	1352	510282	6455489	Gneiss	626	-5	874	10	22	6	14	6	3.23	-0.5	8.65	-5	-5	2.79	-1	127	18	1.22	11	21	0.75	473	3	3.43	2	-5	-20	11	-25	0.37	-0.5	63	-20	93	
QA04017	S-JM96-024	1352	509566	6473631	Gneiss	497	-5	399	15	74	81	5	23	5.07	-0.5	6.65	-5	-5	6.48	-1	330	15	0.59	28	3	2.13	1339	3	2.22	15	14	-5	-20	11	-25	0.28	3.1	108	-20	157
QA04018	S-JM96-025	1352	520684	6467804	Gneiss	721	6	141	7	115	8	17	-1	4.07	-0.5	6.82	-5	-5	1.26	-1	211	12	1.61	40	12	1.04	501	3	1.52	15	17	-5	-20	6	-25	0.38	-0.5	113	-20	72
QA04020	S-JM96-027	1352	520940	6466772	Gneiss	574	-5	129	6	92	8	6	-1	3.48	-0.5	10	6	-5	0.98	-1	209	16	1.72	7	31	1.95	703	2	1.51	8	22	-5	-20	8	-25	0.66	1	190	-20	151
QA04152	S-LR96-002	1352	511206	6462243	Gneiss	446	-5	1649	15	30	7	10	3	3.48	-0.5	5.36	6	-5	0.98	-1	209	-10	1.5	36	18	0.96	676	7	1.68	13	12	-5	-20	5	-25	0.38	0.8	105	-20	84
QA04153	S-LR96-003	1352	510896	6461530	Gneiss	798	-5	992	13	14	15	31	15	4.52	-0.5	9.34	5	-5	3.14	-1	102	18	1.19	12	12	1.48	590	2	3.74	-2	9	-5	-20	12	-25	0.52	-0.5	107	-20	78
QA04156	S-LR96-006	1352	506346	6459217	Mudrock	36	-5	112	30	96	34	155	12	5.37	-0.5	7.31	7	-5	6.98	-1	147	20	0.21	13	6	1.04	853	6	1.43	7	11	-5	-20	8	-25	0.9	0.5	151	-20	83
QA04158	S-LR96-009	1352	506490	6460861	Gneiss	258	-5	432	24	-5	7	163	12	5.97	-0.5	8.13	8	-5	5.98	-1	79	13	0.23	-5	6	1.38	1064	3	3.03	5	6	-5	-20	10	-25	0.74	-0.5	227	-20	144
QA04164	S-LR96-014	1352	509649	6465437	Paragneiss	619	-5	245	33	100	50	46	22	8.57	-0.5	8.19	9	-5	2.5	-1	297	19	1.71	9	20	2.41	806	2	1.67	6	28	-5	-20	14	-25	0.17	2.7	105	-20	66
QA04166	S-LR96-016	1352	509445	6464741	Gneiss	286	5	55	13	64	60	167	20	8.27	-0.5	5.9	-5	-5	0.34	-1	213	12	2.1	16	6	0.47	201	7	0.53	6	9	-5	-20	10	-25	0.28	-0.5	92	-20	63
QA04171	S-LR96-183	1352	514310	6472971	Gneiss	263	19	337	41	55	8	33	23	8.99	0.25	6.57	6	2.5	4.14	0.5	122	5	0.73	29	9	1.41	1133	3	2.28	9	23	2.5	10	8	12.5	0.5	0.25	70	10	98
QA04172	S-LR96-187	1352	515750	6470587	Gneiss	316	6	583	6	117	5	87	5	5.73	0.25	6.06	2.5	2.5	2.28	0.5	184	5	0.51	5	4	0.34	371	3	2.33	8	6	2.5	10	2.5	12.5	0.27	0.25	25	10	30
QA04173	S-LR96-188	1352	516028	6470370	Gneiss	385	14	1403	13	2.5	13	41	19	4.78	0.25	10.00	2.5	2.5	4.3	0.5	85	5	0.54	14	11	1.01	750	0.5	4.21	5	6	2.5	10	12	12.5	0.55	1	102	10	60
QA04174	S-LR96-190	1352	516967	6469116	Gneiss	359	12	185	11	112	12	7	7	3.08	0.25	6.7	7	2.5	1.88	0.5	188	5	1.12	31	11	0.71	709	3	1.55	16	11	2.5	10	5	12.5	0.2	2.7	50	10	53
QA04175	S-LR96-191	1352	517083	6468813	Gneiss	355	10	240	13	73	17	52	19	4.87	0.25	5.92	2.5	2.5	2.48	0.5	243	5	0.7	15	14	0.71	576	3	1.13	9	11	2.5	10	5	12.5	0.23	1.7	85	10	56
QA04186	S-LR96-178	1352	506887	6471132	Paragneiss	550	7	500	2.5	80	10	11	7	2.23	0.25	6.64	2.5	2.5	1.9	0.5	173	5	0.79	8	6	0.89	580	2	2.57	7	2.5	2.5	10	8	12.5	0.13	1	21	10	47
QA04189	S-LR96-179	1352	510044	6470580	Paragneiss	226	16	93	9	16	36	893	26	>10.00	0.25	8.63	2.5	2.5	0.46	0.5	164	5	2.49	38	26	3.51	1569	9	0.78	16	48	2.5	10	11	12.5	0.32	0.25	165	10	195
QA04191	S-LR96-180	1352	513416	6465347	Gabbro	358	13	457	20	106	70	6	33	5.39	0.25	7.61	14	2.5	7.12	0.5	275	5	0.57	28	10	2.31	1428	1	3.45	17	21	2.5	10	11	12.5	0.38	2.4	104	10	109
QA04196	S-LR96-183	1352	514222	6467333	Gneiss	323	22	287	42	62	13	33	21	6.46	0.25	7.55	6	2.5	3.9	0.5	189	5	0.83	10	15	1.71	1346	3	2.89	9	27	2.5	10	10	12.5	0.57	0.25	190	10	105
QA05030	S-JM98-029	1352	509190	6470175	Gneiss	319	18	470	28	40	134	68	35	5.41	0.25	5.66	2.5	2.5	7.88	0.5	305	5	0.5	11	6	5.23	1416	1	2.18	12	45	2.5	10	10	12.5	0.23	0.25	128	10	89
QA05031	S-JM98-043	1352	511640	6467823	Gneiss	106	18	234	15	39	68	17	65	6.17	0.25	4.34	7	2.5	8.73	0.5	252	5	0.87	11	13	0.37	1726	5	1.27	6	45	2.5	10	7	12.5	0.22	1.3	172	10	138
QA05032	S-JM98-048	1352	512810	6467503	Gneiss	974	20	935	21	78	30	7	33	6.12	0.25	>10.00	6	2.5	4.5	0.5	101	5	1.76	40	24	2.3	906	3	3.77	17	13	2.5	10	11	12.5	0.65	0.25	141	10	110
QA07965	S-PL96-083	1352	514663	6474187	Plagioclase	2.5	37	3	8	24	6	5	2	0.69	0.25	9.55	2.5	2.5	0.34	0.5	129	43	2.34	2.5	33	0.06	1109	0.5	4.68	14	7	2.5	26	13	12.5	0.005	2.4	3	10	24
QA07966	S-PL96-084	1352	515104	6474425	Gneiss	2.5	15	14	6	11	56	114	8	6.17	0.25	0.61	2.5	2.5	10.00	0.5	80	23	0.54	2.5	7	9.74	1844	3	1.47	22	18	2.5	10	8	12.5	0.5	2.7	152	10	113
QA07967	S-PL96-086	1352	515733	6474321	Gneiss	1020	21	163	7	147	11	10	14	5.14	0.25	7.39	2.5	2.5	1.29	0.5	237	6	2.23	44	17	1.44	578	3	0.97	13	28	2.5	10	10	12.5	0.13	4	156	10	71
QA07968	S-PL96-090	1352	516505	6472881	Granite-gneiss	703	16	150	12	170	15	20	21	7.42	0.25	8.88	8	2.5	2.49	0.5	229	5	3.18	13	30	2.64	1040	3	1.97	13	7	2.5	10	2.5	12.5	0.13	4	156	10	71
QA07969	S-PL96-091	1352	516488	6472485	Granite-gneiss	308	11	58	22	156	310	20	>10.00	0.25	2.68	13	2.5	0.42	0.5	249	5	0.97	64	9	0.42	218	96	0.58	19	9	2.5	10	8	12.5	0.2	0.5	44	-20	48	
QA07970	S-PL96-096	1352	517748	6470354	Gneiss	477	12	277	4	173	51	278	16	4.44	0.25	7.98	2.5	2.5	1.29	0.5	158	12	2.66	25	6	0.54	374	21	2.65	19	9	2.5	10	8	12.5	0.2	0.5	44	-20	37
QA05007	S-JM96-053	1363	393934	6592171	Gabbro	656	7	273	9	105	12	25	6	2.69	-0.5	9.1	-5	-5	1.28	-1	158	19	1.51	42	19	0.72	480	2	3.21	8	6	-5	-20	-5	-20	0.3	-0.5	257	-20	1151
QA05008	S-JM96-055	1363	392762	6591177	Tonalite	1214	-5	449	-5	26	6	-6	-1	0.1	-0.5	7.34	-5	-5	0.84	-1	205	15	2.8	19	6	0.04	35	3	2.87	15	-5	-20	-5	-20	0.01	-0.5	-2			

## MULTI-ELEMENT ASSAYS RESULTS

ID_Assay	ID_Station	Area	Easting	Northing	Rock	Facies	Ba_ppm	Nb_ppm	Sr_ppm	Y_ppm	Zr_ppm	Ni_ppm	Cu_ppm	Co_ppm	Fe_total	Ag_ppm	Al_1	As_ppm	Bi_ppm	Cs_1	Cd_ppm	Cr_ppm	Ga_ppm	K_1	La_ppm	Li_ppm	Mg_1	Mn_ppm	Mo_ppm	Na_1	Pb_ppm	Sc_ppm	Sb_ppm	Sn_ppm	Ta_ppm	Ta_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm	
QA07992	S-LR98-150	1354	664079	6644731	Granite		13	10	56	5	118	7	4	5	1.61	0.25	9.74	2.5	2.5	0.29	0.5	69	16	0.08	15	5	0.51	81	0.5	6.99	1	2.5	2.5	10	9	12.5	0.12	1	11	10	10	
QA07993	S-LR98-151	1354	664593	6645247	Onites		377	21	130	9	157	42	30	16	3.27	2.5	7.62	2.5	2.5	1.22	0.5	260	13	1.54	15	76	1.31	604	4	1.66	13	12	2.5	10	9	12.5	0.26	3.1	84	10	54	
QA07994	S-LR98-152	1354	665389	6644918	Granite		764	13	326	14	154	6	9	7	2.14	0.25	7.82	2.5	2.5	1.39	0.5	267	5	0.07	2.5	20	1.92	3217	0.5	1.85	1	36	2.5	10	8	12.5	0.4	0.25	252	10	78	
QA07995	S-LR98-153	1354	665180	6643776	Granite		478	12	326	14	154	6	9	7	2.14	0.25	7.82	2.5	2.5	1.39	0.5	267	5	0.07	2.5	20	1.92	3217	0.5	1.85	1	36	2.5	10	8	12.5	0.4	0.25	252	10	78	
QA07996	S-LR98-154	1354	665180	6643776	Granite		478	12	326	14	154	6	9	7	2.14	0.25	7.82	2.5	2.5	1.39	0.5	267	5	0.07	2.5	20	1.92	3217	0.5	1.85	1	36	2.5	10	8	12.5	0.4	0.25	252	10	78	
QA07997	S-LR98-155	1354	665948	6643213	Iron formation		478	12	326	14	154	6	9	7	2.14	0.25	7.82	2.5	2.5	1.39	0.5	267	5	0.07	2.5	20	1.92	3217	0.5	1.85	1	36	2.5	10	8	12.5	0.4	0.25	252	10	78	
QA07998	S-LR98-156	1354	664024	6641171	Gabbro		114	22	115	32	153	94	136	56	>100.00	0.25	8.26	2.5	2.5	1.87	0.5	354	3	1.75	9	66	1.73	915	3	1.09	11	15	2.5	10	8	12.5	0.29	1.3	107	10	72	
QA07999	S-LR98-167	1354	334531	6633986	Gabbro		23	12	91	24	10	87	68	50	9.78	0.25	7.67	9	2.5	7.7	0.5	113	5	6.69	9	15	4.1	1642	1	1.76	7	42	2.5	10	10	12.5	0.7	0.25	322	10	109	
QA08000	S-LR98-167	1354	334531	6633986	Gabbro		2.5	11	143	5	2.5	3	21	0.5	0.75	0.25	7.67	9	2.5	7.7	0.5	203	5	6.24	2.5	19	4.04	1753	2	1.69	6	37	2.5	10	9	12.5	0.64	0.25	299	10	109	
QA05001	S-JM98-028	1355	415166	6426242	Orthogneiss		344	10	322	9	25	46	12	20	3.7	-0.5	9.1	-1	176	-10	-0.98	-1	176	-10	-0.98	17	20	0.37	522	2	2.91	5	10	-5	-20	10	-25	0.29	-0.5	81	-20	61
QA05002	S-JM98-031	1355	412932	6425876	Psammite		1727	-5	327	-5	276	9	4	1	6.36	-0.5	7.88	-5	-5	0.91	-1	102	-10	5.57	184	9	0.19	88	1	1.51	20	-5	-20	10	-25	0.24	-0.5	146	-20	125		
QA05003	S-JM98-034	1355	406239	6426048	Gabbro		459	21	213	20	29	135	27	39	7	-0.5	7.88	-5	-5	1.54	-1	355	-10	1.9	39	30	5.12	1217	1	1.77	5	29	-5	-20	7	-25	0.54	-0.5	146	-20	96	
QA05004	S-JM98-043	1355	404263	6429103	Gneiss		1516	19	310	39	78	6	16	4	4.44	-0.5	8.32	-7	-5	2.35	-1	165	-10	-0.316	72	12	0.47	617	2	2.47	13	10	-5	-20	9	-25	0.56	-0.5	49	-20	125	
QA05005	S-LR98-043	1355	413888	6425042	Granite-gneiss		287	-5	376	-5	37	7	9	6	1.48	-0.5	8.02	-5	-5	2.46	-1	166	-10	0.85	7	15	0.52	241	2	3.49	7	-5	-20	-5	-20	-5	-25	0.11	-0.5	30	-20	34
QA05006	S-JM98-046	1355	405444	6427451	Orthogneiss		512	-5	376	-5	37	7	9	6	1.48	-0.5	8.02	-5	-5	2.46	-1	166	-10	0.85	7	15	0.52	241	2	3.49	7	-5	-20	-5	-20	-5	-25	0.11	-0.5	30	-20	34
QA05022	S-LR98-031	1355	412932	6425876	Psammite		267	-5	376	-5	37	7	9	6	1.48	-0.5	8.02	-5	-5	2.46	-1	166	-10	0.85	7	15	0.52	241	2	3.49	7	-5	-20	-5	-20	-5	-25	0.11	-0.5	30	-20	34
QA07951	S-LR98-029	1355	413620	6425042	Granite-gneiss		718	26	540	9	416	65	146	51	10	-0.5	10	9	-5	3.12	-1	416	-10	2.64	19	13	1.97	1235	15	1.86	22	15	-5	-20	11	-25	0.84	-1.7	236	-20	104	
QA07952	S-LR98-031	1355	410583	6424206	Orthogneiss		2000	19	396	49	34	5	8	19	4.87	-0.5	8.15	8	-5	2.96	-1	131	-10	3.15	85	13	0.54	754	3	2.43	14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
QA07953	S-LR98-034	1355	405839	6426784	Gneiss		866	10	567	-5	14	10	7	11	2.16	-0.5	8.78	-5	-5	2.73	-1	204	-10	1.3	26	17	0.57	206	-1	3.04	12	-5	-20	6	-25	0.28	0.6	29	-20	41		
QA07954	S-LR98-037	1355	399894	6434552	Orthogneiss		1427	11	302	12	79	18	16	10	2.41	-0.5	7.27	-5	-5	1.1	-1	236	-10	3.23	95	29	0.7	255	1	1.76	11	8	-5	-20	6	-25	0.21	0.5	35	-20	35	
QA07955	S-LR98-038	1355	401289	6434096	Orthogneiss		218	11	227	7	22	37	27	18	3.61	-0.5	9.04	-5	-5	3.29	-1	204	-10	1.09	10	14	1.38	571	14	2.82	10	9	-5	-20	9	-25	0.25	1.1	64	-20	77	
QA07956	S-LR98-045	1356	438177	6741865	Orthogneiss		525	8	261	9	84	39	29	20	4.83	-0.5	10	-5	-5	1.78	-1	293	-10	2.21	26	24	1.59	516	2	2.67	12	18	-5	-20	10	-25	0.32	0.6	125	-20	82	
QA07957	S-LR98-045	1356	438177	6741865	Orthogneiss		114	17	148	22	10	76	113	55	10	-0.5	8.1	-5	-5	7.29	-1	223	-10	0.54	11	19	3.92	1352	-1	2.36	4	37	-5	-20	10	-25	0.57	0.5	284	-20	85	
QA07958	S-LR98-053	1356	430284	6726415	Gabbro		36	21	104	19	23	15	21	30	4.49	-0.5	7.66	-5	-5	3.72	-1	141	19	1.63	27	32	1.7	496	2	2.41	6	9	-5	-20	-5	-25	0.46	-0.5	96	-20	110	
QA07959	S-LR98-057	1356	428343	6729625	Hornblende		133	19	160	17	12	71	65	53	9.9	-0.5	6.79	-5	-5	7.03	-1	154	11	0.18	12	9	3.73	1456	2	1.56	-2	37	-5	-20	-5	-25	0.67	-0.5	304	-20	99	
QA07960	S-LR98-058	1356	428319	6729943	Gabbro		77	15	152	14	11	92	121	60	40	8.08	-0.5	7.58	-5	-5	6.06	-1	169	11	0.35	11	52	2.89	1081	2	1.34	4	35	-5	-20	-5	-25	0.58	-0.5	152	-20	80
QA07961	S-LR98-063	1356	435157	6737674	Gabbro		162	18	150	15	10	67	83	51	8.49	-0.5	6.49	-5	-5	7.21	-1	128	12	0.27	11	52	2.89	1081	2	1.34	4	35	-5	-20	-5	-25	0.58	-0.5	152	-20	80	
QA07962	S-LR98-065	1356	433553	6736377	Gabbro		34	10	59	14	20	5	66	23	5.12	-0.5	2.59	-5	-5	1.85	-1	183	-10	0.12	-5	6	0.87	822	2	0.72	4	14	-5	-20	-5	-25	1.3	-0.5	345	-20	160	
QA07963	S-LR98-065	1356	433553	6736377	Gabbro		48	30	172	40	51	15	92	63	10	0.7	8.11	-5	-5	5.2	-1	183	20	0.26	16	15	2.1	1891	1	2.02	3	34	-5	-20	-5	-25	0.82	0.5	351	-20	115	
QA07964	S-LR98-069	1356	433862	6735956	Gabbro		30	25	88	17	21	49	132	56	10	-0.5	6.48	-5	-5	6.65	-1	103	15	0.18	9	19	2.5	1464	1	1.7	-2	35	-5	-20	-5	-25	0.82	0.5	351	-20	115	
QA07965	S-LR98-072	1357	369370	6666979	Granite		598	9	377	-5	78	10	8	11	2.4	-0.5	8.8	-5	-5	1.93	-1	152	12	2.2	35	19	0.52	250	-1	3.33	13	-5	-20	8	-25	0.25	0.8	36	-20	50		
QA07966	S-LR98-091	1357	369937	6667445	Granite		994	9	240	-5	185	7	8	8	2.04	-0.5	8.23	-5	-5	1.66	-1	184	10	3.23																		

MULTI-ELEMENT ASSAYS RESULTS

ID Assay	ID Station	Area	Emerg	Northing	Rock Facies	Ba_ppm	Nb_ppm	Sr_ppm	Y_ppm	Zr_ppm	Ni_ppm	Cu_ppm	Co_ppm	Fe_total	Ag_ppm	Au%	As_ppm	Bi_ppm	Ca%	Cd_ppm	Cr_ppm	Ga_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Pb_ppm	Sc_ppm	Sb_ppm	Sn_ppm	Ta_ppm	Tl_ppm	Ti_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm		
QA05639	S-JMS98-072	1358	619338	6447552	Tonalite	248	10	210	12	110	9	4	10	2.22	-0.5	8.16	-5	-5	2.25	-1	136	10	1.08	13	25	0.44	350	2	3.32	9	7	-5	-20	-5	-25	0.18	0.5	31	-20	56		
QA05640	S-JMS98-075	1358	620238	6447659	Gabbro	123	19	126	16	50	96	62	39	7.45	-0.5	7.63	-5	-5	7.73	-1	323	-10	0.57	7	24	4.69	1174	-1	1.76	-2	30	-5	-20	6	-23	0.28	0.5	209	-20	66		
QA05641	S-JMS98-078	1358	620528	6447829	Gabbro	-5	14	20	13	-5	1032	62	103	9.68	-0.5	2.42	-5	-5	4.56	-1	2377	-10	0.68	-5	14	10	1109	2	0.21	8	19	-5	-20	-5	-25	0.24	1.1	124	-20	79		
QA05642	S-JMS98-086	1358	617324	6448284	Pegmatite	326	6	196	12	85	9	9	9	1.95	-0.5	7.58	-5	-5	1.98	-1	152	10	1.13	13	21	0.41	344	-1	3.04	5	6	-5	-20	6	-25	0.15	1.2	27	-20	56		
QA05643	S-JMS98-087	1358	617384	6448205	Gabbro	156	-5	14	17	23	80	40	29	27	5.37	-0.5	8.35	6	-5	4.73	-1	101	-10	0.77	12	29	1.72	866	1	2.48	8	16	-5	-20	7	-25	0.27	0.5	115	-20	82	
QA05644	S-JMS98-088	1358	617294	6448101	Hornblende	-5	17	27	13	-5	642	54	59	70	6.09	-0.5	8.01	-5	-5	7.45	-1	290	-10	0.55	7	49	5.23	1008	1	2.05	-2	30	-5	-20	8	-25	0.23	0.5	168	-20	54	
QA05645	S-JMS98-089	1358	617328	6447796	Gabbro	75	14	165	18	54	90	42	6.09	-0.5	7.14	14	-5	6.99	-1	107	-10	0.93	7	7	3.5	1748	2	1.5	7	35	-5	-20	5	-25	0.66	0.5	325	-20	109			
QA05646	S-JMS98-090	1358	616759	6447047	Hornblende	90	17	135	27	9	55	85	56	10	5.82	-0.5	8.01	-5	-5	7.45	-1	290	-10	0.55	7	49	5.23	1008	1	2.05	-2	30	-5	-20	8	-25	0.23	0.5	168	-20	54	
QA05647	S-JMS98-091	1358	616605	6446256	Gabbro	157	19	122	27	15	53	91	63	10	-0.5	7.14	14	-5	6.99	-1	107	-10	0.93	7	7	3.5	1748	2	1.5	7	35	-5	-20	5	-25	0.66	0.5	325	-20	109		
QA05648	S-JMS98-095	1358	615772	6445723	Pardolite	43	26	241	23	35	425	95	94	10	0.8	5.47	11	-5	2.45	-1	821	-10	0.38	6	41	8.03	839	3	0.85	12	31	-5	-20	8	-25	0.98	0.5	366	-20	121		
QA05649	S-JMS98-098	1358	615207	6445181	Pardolite	33	19	55	22	61	61	4	52	9.22	-0.5	7.27	6	-5	2.89	-1	261	-10	0.43	6	41	8.03	839	3	0.85	12	31	-5	-20	8	-25	0.98	0.5	366	-20	121		
QA05650	S-JMS98-099	1358	614138	6444603	Pardolite	7	15	33	13	-5	943	12	64	8.72	-0.5	3.69	7	-5	3.67	-1	2506	-10	0.02	-5	3	10	1239	1	0.08	-2	24	-5	-20	3	-25	0.11	0.5	346	-20	96		
QA06702	S-JMS98-100	1358	617530	6453961	Orthogneiss	661	-5	442	8	89	10	6	5	1.32	-0.5	8.7	-5	-5	2.01	-1	159	-13	0.07	12	9	0.31	285	1	3.79	16	-5	-20	7	-25	0.11	0.5	34	-20	76			
QA06703	S-JMS98-105	1358	616226	6453132	Orthogneiss	923	-5	385	-5	70	6	4	1.07	-0.5	8.44	-5	-5	1.75	-1	145	-13	2.16	8	21	0.18	211	-1	3.3	17	-5	-20	7	-25	0.08	0.9	11	-20	38				
QA06704	S-JMS98-106	1358	615038	6452330	Pardolite	-5	13	22	9	-5	1672	26	101	8.3	-0.5	1.22	-5	-5	2.31	-1	1606	-10	0.03	-5	-2	10	1046	1	0.03	6	11	-5	-20	7	-25	0.13	0.5	83	-20	87		
QA06705	S-JMS98-107	1358	614790	6452331	Orthogneiss	418	10	283	16	85	10	5	13	2.96	-0.5	8.05	-5	-5	2.75	-1	159	-10	1.07	27	22	0.56	499	1	2.9	10	9	-5	-20	-5	-25	0.26	1.4	42	-20	58		
QA06706	S-JMS98-107	1358	614790	6452331	Orthogneiss	319	10	76	11	41	4	5	2	0.62	-0.5	7.7	-5	-5	0.61	-1	151	-21	2.19	8	5	0.03	704	-1	2.71	27	-5	-20	-5	-25	0.2	2	3	-20	38			
QA06707	S-JMS98-108	1358	614695	6452296	Orthogneiss	579	5	200	11	94	5	6	6	1	0.7	-0.5	7.42	-5	-5	1.35	-1	103	12	1.29	18	10	0.22	228	-1	3.17	6	5	-5	-20	-5	-25	0.12	1	16	-20	37	
QA06708	S-JMS98-111	1358	612781	6451327	Andesite	486	-5	480	9	89	5	6	5	1.28	-0.5	8.68	-5	-5	1.84	-1	134	13	1.21	10	17	0.24	208	1	3.72	8	-5	-20	6	-25	0.09	0.5	14	-20	38			
QA06709	S-JMS98-110	1358	612390	6451430	Pardolite	-5	18	13	9	-5	1596	14	103	7.98	0.5	1.52	-5	-5	1.22	-1	3182	-10	0.02	-5	3	10	839	1	0.03	8	10	11	-20	-5	-25	0.08	0.5	49	-20	54		
QA06710	S-JMS98-113	1358	612256	6451193	Rhyolite	613	6	298	10	107	9	9	6	1.48	-0.5	8.86	-5	-5	1.35	-1	100	12	1.89	14	9	0.43	316	-1	3.61	24	5	-5	-20	7	-25	0.12	0.5	20	-20	70		
QA06711	S-JMS98-114	1358	611921	6451113	Rhyolite	178	7	42	20	102	5	5	1	0.31	-0.5	6.93	-5	-5	0.15	-1	150	10	0.79	7	-2	-0.01	49	1	3.44	13	-5	-20	-5	-25	0.01	4.7	2	-20	5			
QA06712	S-JMS98-114	1358	611901	6451113	Rhyolite	458	14	170	25	223	13	20	15	2.87	-0.5	7.49	-5	-5	0.75	-1	158	-10	1.34	48	10	1.12	578	1	3.25	44	10	-5	-20	6	-25	0.31	2	42	-20	76		
QA07883	S-PL98-119	1358	621903	6444324	Pegmatite	111	-5	98	14	14	12	9	2	0.28	-0.5	7.72	-5	-5	0.41	-1	137	12	2.27	-5	-2	0.02	35	-1	3.43	22	-5	-20	-5	-25	0.01	3.5	-2	-20	10			
QA07884	S-PL98-136	1358	618942	6440214	Pyroxenite	-5	17	18	6	-5	1085	3	99	7.58	-0.5	0.4	-5	-5	0.51	-1	2137	-10	0.02	-5	4	10	1434	-1	0.03	7	-5	-20	-5	-25	0.08	0.5	53	-20	96			
QA07885	S-PL98-142	1358	615920	6451646	Pyroxenite	-5	15	9	-5	-5	1961	19	116	8.48	-0.5	0.4	-5	-5	0.12	-1	3230	-10	0.01	-5	-2	10	1091	-1	0.06	4	9	-5	-20	6	-25	0.17	0.5	92	-20	87		
QA07886	S-PL98-147	1358	614212	6450090	Pyroxenite	20	19	10	-5	1136	3	116	8.23	-0.5	1.26	-5	-5	0.51	-1	2137	-10	0.02	-5	4	10	1434	-1	0.03	7	-5	-20	-5	-25	0.08	0.5	53	-20	96				
QA07887	S-PL98-148	1358	614034	6450098	Pyroxenite	8	14	35	7	-5	788	23	69	7.47	-0.5	3.23	-5	-5	4.04	-1	1804	-10	0.01	-5	-2	10	1091	-1	0.03	7	-5	-20	-5	-25	0.06	0.5	48	-20	56			
QA04055	S-IL98-004	KULLUJUAQ	521553	6489818	Gabbro	278	-5	114	13	24	56	9	60	7.91	-0.5	7.92	6	-5	5.19	-1	288	-15	1.01	-5	4	5.29	1609	6	0.73	2	13	-2	32	-5	-20	9	-25	0.19	0.5	114	-20	39
QA04060	S-IL98-009	KULLUJUAQ	518461	6471073	Gneiss	311	10	138	23	78	11	31	4	6.95	-0.5	4.81	9	-5	1.07	-1	298	-10	0.4	10	15	1.54	944	6	0.73	2	13	-2	32	-5	-20	11	-25	0.52	0.5	295	-20	226
QA04062	S-IL98-005	KULLUJUAQ	485205	6549260	Gneiss	71	-5	126	26	11	78	126	42	6.74	-0.5	8.09	7	-5	7.28	-1	210	16	0.54	-5	10	2.43	1336	3	0.5	3	28	-5	-20	8	-25	0.78	3.3	368	-20	137		
QA04064	S-IL98-007	KULLUJUAQ	483673	6544180	Gneiss	454	31	78	59	92	68	46	24	10	-0.5	6.77	18	-5	5.1	-1	256	16	1.33	10	11	2.27	1649	9	0.64	-2	35	-5	-20	13	-25	1.96	1.1	411	-20	192		
QA04065	S-IL98-006	KULLUJUAQ	485781	6543326	Gneiss	568	-5	460	33	41	51	215	25	10	-0.5	9.72	7	-5	2.65	-1	423	19	0.57	13	13																	

MULTI-ELEMENT ASSAYS RESULTS

ID_Assay	ID_Station	Area	Easting	Northing	Rock_Facies	Ba_ppm	Nb_ppm	Sr_ppm	Y_ppm	Zr_ppm	Ni_ppm	Cu_ppm	Co_ppm	Fa_total	Ag_ppm	Al_2	As_ppm	Bi_ppm	Ca_2	Cd_ppm	Cr_ppm	Ga_ppm	K_2	La_ppm	Li_ppm	Mg_2	Mn_ppm	Mo_ppm	Na_2	Pb_ppm	Sc_ppm	Sb_ppm	Sn_ppm	Ta_ppm	Tb_ppm	Ti_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm	
QA04752	S-IL96-126	TASVUP	347864	6685191	Pyroxenite	29	15	42	10	34	739	803	100	10	0.5	2.67	-5	-5	4.91	-1	1149	-0.19	18	6	10	1559	-1	0.46	2	20	-5	-20	-5	-25	0.57	-0.5	146	-20	110		
QA04852	S-IL96-092	TASVUP	364815	6581122	Iron formation	50	6	50	10	40	214	204	70	9.25	-0.5	2.67	-5	-5	1.21	-1	330	-0.10	12	8	21	1.78	756	2	0.36	4	7	-5	-20	-5	-25	0.09	0.7	67	-20	226	
QA04853	S-IL96-075	TASVUP	318337	6665349	Syenite	365	9	537	-5	34	13	3	5	2.02	-0.5	10	-5	-5	0.54	-1	85	19	1.68	12	34	0.24	393	-1	8.68	3	-5	-5	-20	-5	-25	0.16	-0.5	21	-20	51	
QA04854	S-IL96-091	TASVUP	365072	6571776	Peridotite	19	11	70	9	6	518	621	237	10	-0.5	3.47	-5	-5	5.08	-1	325	-0.10	111	-5	12	2.33	884	20	0.92	-2	23	-5	-20	-5	-25	0.24	-0.5	159	-20	145	
QA04856	S-IL96-082	TASVUP	360651	6648738	Gabbro	102	5	32	-5	227	157	419	37	4.32	0.6	3.9	-5	-5	1.23	-1	380	-0.10	0.2	8	10	0.68	333	1	1.07	6	-5	-5	-20	-5	-25	0.11	0.7	37	-20	51	
QA04857	S-IL96-092	TASVUP	364815	6581122	Iron formation	156	-5	32	-5	7	31	159	369	51	7.52	0.8	1.51	-5	-5	7.64	-1	496	-0.10	0.2	9	24	1.84	4196	3	1.07	7	44	-5	-20	-5	-25	0.41	-0.5	240	-20	103
QA04858	S-IL96-098	TASVUP	362642	6592773	Peridotite	94	17	61	9	14	223	694	101	0.8	0.5	1.51	-5	-5	1.03	-1	910	-0.10	0.2	9	24	1.84	4196	3	1.07	7	44	-5	-20	-5	-25	0.69	0.6	298	-20	603	
QA04859	S-IL96-092	TASVUP	364815	6581122	Iron formation	53	24	83	23	83	509	482	169	10	-0.5	6.36	-5	-5	1.23	-1	394	-0.10	0.25	7	14	2.85	5572	-1	1.44	-2	6	-5	-20	-5	-25	0.14	-0.2	91	-20	35	
QA04860	S-IL96-063	TASVUP	366336	6643820	Gabbro	81	16	32	20	11	131	433	45	10	-0.5	5.79	-5	-5	1.76	-1	168	-0.10	0.62	12	8	1.11	1125	6	0.95	6	-5	-5	-20	-5	-25	0.22	0.2	38	-20	53	
QA04861	S-IL96-078	TASVUP	337756	6652924	Pyroxenite	112	6	64	7	29	121	867	167	10	3.2	2.63	-5	-5	1.02	-1	431	-0.10	0.25	20	6	0.85	1915	2	2.33	38	15	-5	-20	-5	-25	0.26	-0.5	38	-20	65	
QA04862	S-IL96-099	TASVUP	366396	6595010	Iron formation	657	16	257	28	31	90	87	27	6.44	0.5	7.8	-5	-5	1.02	-1	431	-0.10	0.25	20	6	0.85	1915	2	2.33	38	15	-5	-20	-5	-25	0.11	-0.5	4	-20	42	
QA05938	S-IL96-075	TASVUP	318337	6665349	Syenite	896	11	474	-5	33	5	8	9	2.93	-0.5	10	-5	-5	0.35	-1	112	-0.10	0.25	20	6	0.85	1915	2	2.33	38	15	-5	-20	-5	-25	0.29	-0.5	38	-20	65	
QA05940	S-IL96-075	TASVUP	318337	6665349	Syenite	305	8	412	-5	7	3	1	2	1.26	-0.5	10	-5	-5	0.23	-1	107	-0.10	0.25	20	6	0.85	1915	2	2.33	38	15	-5	-20	-5	-25	0.11	-0.5	4	-20	42	
QA05941	S-IL96-075	TASVUP	318337	6665349	Syenite	1544	15	518	-5	5	9	13	3.87	-0.5	10	-5	-5	0.36	-1	178	-0.10	0.25	20	6	0.85	1915	2	2.33	38	15	-5	-20	-5	-25	0.32	-0.5	31	-20	101		
QA05942	S-IL96-077	TASVUP	343964	6670870	Gabbro	364	5	149	10	127	44	206	16	3.24	0.5	6.48	-5	-5	1.54	-1	307	-0.10	0.18	6	26	0.52	270	3	2.36	4	9	-5	-20	-5	-25	0.22	-0.5	63	-20	53	
QA05943	S-IL96-062	TASVUP	360651	6648738	Gabbro	67	13	62	18	39	222	902	91	10	-0.5	4.93	-5	-5	7.86	-1	265	-0.10	0.32	8	24	3.21	1445	6	1.51	-2	24	-5	-20	-5	-25	0.36	0.6	171	-20	108	
QA05944	S-IL96-063	TASVUP	366336	6643820	Gabbro	64	14	34	21	10	101	455	39	10	-0.5	5.34	-5	-5	7.92	-1	382	-0.10	0.18	6	12	2.57	5692	3	0.36	-2	31	-5	-20	-5	-25	0.36	-0.5	183	-20	82	
QA05945	S-IL96-084	TASVUP	381176	6607701	Gabbro	181	23	111	28	78	26	813	29	9.06	-0.5	7.59	-5	-5	4.3	-1	391	-0.10	0.19	14	23	3.67	1019	2	1.55	5	31	-5	-20	-5	-25	0.66	0.6	265	-20	606	
QA05946	S-IL96-085	TASVUP	382755	6650593	Gabbro	28	5	40	8	19	83	346	19	10	-0.5	1.18	-5	-5	0.16	-1	305	-0.10	0.06	-5	9	2.71	3601	3	0.28	-2	5	-5	-20	-5	-25	0.66	-0.5	30	-20	298	
QA05947	S-IL96-087	TASVUP	372961	6570332	Gabbro	410	16	49	123	87	34	21	17	10	-0.5	5.7	-5	-5	1.72	-1	487	-0.10	0.27	26	10	1.72	1654	5	0.73	5	21	-5	-20	-5	-25	0.41	-0.5	117	-20	111	
QA05948	S-IL96-088	TASVUP	363942	6571293	Iron formation	312	8	43	8	52	277	22	27	10	-0.5	4.44	-5	-5	1.75	-1	799	-0.10	0.8	9	9	4.01	1857	3	0.32	3	11	-5	-20	-5	-25	0.18	0.6	57	-20	44	
QA05949	S-IL96-090	TASVUP	361164	6570182	Monzonite	1188	18	291	14	184	11	11	17	3.83	0.5	7.78	-5	-5	2.82	-1	666	-0.10	0.25	11	4.21	2011	4	0.86	8	28	-5	-20	-5	-25	0.48	0.4	136	-20	271		
QA05950	S-IL96-090	TASVUP	366126	6574327	Gabbro	2.5	17	21	2.6	2.5	2146	85	90	8.24	0.7	1.25	2.5	2.5	1.97	0.5	690	5.04	2.5	3	10	1000	1406	0.5	0.08	15	16	2.5	10	5	12.5	0.07	0.25	56	10	43	
QA07862	S-PL96-090	TASVUP	657885	6628770	Pyroxenite	2.5	17	21	2.6	2.5	2146	85	90	8.24	0.7	1.25	2.5	2.5	1.97	0.5	690	5.04	2.5	3	10	1000	1406	0.5	0.08	15	16	2.5	10	5	12.5	0.07	0.25	56	10	43	
QA07863	S-PL96-081	TASVUP	650087	6632135	Iron formation	215	7	130	11	31	111	61	281	41	4.85	0.25	7.65	2.5	2.5	4.98	0.5	219	5.36	7	14	1.59	854	1	2.53	4	15	2.5	10	6	12.5	0.4	1.5	119	10	79	
QA07864	S-PL96-082	TASVUP	664174	6659288	Iron formation	11	14	36	9	11	403	108	42	10.00	0.25	7.65	2.5	2.5	4.98	0.5	219	5.36	7	14	1.59	854	1	2.53	4	15	2.5	10	6	12.5	0.4	1.5	119	10	79		
QA07871	S-PL96-099	TASVUP	585522	6659113	Gabbro	252	11	256	6	97	31	60	13	3.31	-0.5	8.73	-5	-5	1.84	-1	288	-0.10	0.08	16	17	1.4	345	-1	2.25	8	6	-5	-20	-5	-25	0.22	4.1	91	-20	99	
QA07872	S-PL96-100	TASVUP	604638	6656512	Gabbro	1008	-5	46	52	56	28	4	12	-0.5	8.24	7	-5	2.09	-1	279	-0.10	0.13	16	16	1.4	345	-1	2.25	8	6	-5	-20	-5	-25	0.66	-0.5	4	-20	81		
QA07876	S-JMS98-062	TASVUP	360358	6568188	Gabbro	135	-5	7	-5	12	6	6	3	2.89	-0.5	9.53	-5	-5	0.05	-1	277	-0.10	0.27	-5	4	0.33	220	3	0.03	4	-5	-20	-5	-25	0.02	-0.5	4	-20	16		
QA07877	S-JMS98-062	TASVUP	360358	6568188	Gabbro	9	6	73	-5	4	-1	1	10	-0.5	9.08	-5	-5	10	-1	6	-10.02	0.2	5.86	5368	3	0.03	11	-5	-20	-5	-25	0.01	0.7	7	-20	8					
QA07981	S-IL96-146	TASVUP	358311	6611181	Iron formation	126	20	33	17	198	59	9.77	0.25	7.19	6	2.5	6.5	0.5	345	5.85	2.5	39	4.44	1675	1	0.88	8	34	2.5	10	10	12.5	0.48	0.25	243	10	95				
QA07982	S-IL96-147	TASVUP	331529	6601809	Iron formation	165	10	46	5	152	6	38	5	2.72	0.6	6.62	2.5	2.5	0.69	0.5	164	11.13	16	46	0.79	324	1	3.18	12	2.5	2.5	10	6	12.5	0.09	0.6	2	10	27		
QA07983	S-IL96-147	TASVUP	331529	6601809	Iron formation	2.5	9	3	10	8	14	28	6	10.00	0.25	6.61	2.5	2.5	0.69	0.5																					

**APPENDIX C**



## WHOLE ROCK RESULTS

ID_Assay	ID_Station	Area	Easting	Northing	Rock_Facies	SiO2	TiO2	Al2O3	Fe2O3	MnO	MgO	CaO	Na2O	P2O5	Cr2O3	K2O	LOI	Total	Ba_ppm	Nb_ppm	Rb_ppm	Sr_ppm	Y_ppm	Zr_ppm	S_total
QA04001	S-JM98-003	1352	510596	6461586	Gneiss	57,88	1,12	16,81	8,67	0,09	3,38	3,74	3,95	0,24	0,06	2,12	1,01	99,08	1267	10	84	921	8	217	-0,02
QA04006	S-JM98-009	1352	507486	6461788	Gneiss	55,35	0,85	16,99	8,25	0,11	3,73	6,87	4,74	0,37	0,03	1,39	0,83	99,32	608	10	39	847	32	226	-0,02
QA04014	S-JM98-021	1352	510513	6474725	Gneiss	63,11	1,12	13,35	10,25	0,15	3,62	3,52	3,33	0,22	0,05	0,51	0,48	99,63	393	6	29	597	40	370	-0,02
QA04015	S-JM98-022	1352	510132	6473723	Gneiss	70,09	1,15	11,46	3,72	0,06	4,33	2,07	1,5	0,05	0,05	2,59	1,66	99,13	477	42	139	112	14	226	0,06
QA04019	S-JM98-026	1352	520845	6467891	Pegmatite	72,12	-0,01	16,28	0,72	0,11	0,06	0,9	5,19	0,02	0,02	4,58	0,27	100,36	680	32	117	178	43	77	-0,02
QA04123	S-PL98-095	1352	516855	6470814	Granito-gneiss	74,52	0,02	11,25	1,38	0,05	0,79	1,35	1,49	0,02	0,03	6,57	0,49	98,05	297	18	132	343	16	113	-0,02
QA04124	S-PL98-098	1352	518371	6469991	Gneiss	59,75	1,19	14,87	9,33	0,1	3,71	3,28	2,88	0,24	0,05	2,93	0,88	99,39	931	14	103	504	38	204	0,05
QA04154	S-LR98-004	1352	510392	6460353	Gneiss	46,91	1,07	12,72	15,21	0,09	7,82	9,28	3,24	0,67	0,05	1,37	0,97	98,88	686	-5	30	619	20	177	0,09
QA04155	S-LR98-005	1352	508843	6458928	Gneiss	93,38	0,09	1,91	0,58	0,03	0,51	0,93	0,41	0,02	0,04	0,67	0,13	98,75	455	29	44	52	13	114	-0,02
QA04161	S-LR98-011	1352	505603	6463596	Gneiss	47,17	1,21	13,96	12,05	0,16	9,05	9,59	3,17	0,62	0,09	1,43	0,98	99	585	5	39	570	25	171	-0,02
QA04165	S-LR98-015	1352	509322	6465167	Granito-gneiss	63,91	0,7	16,61	4,39	0,06	1,26	3,76	5,25	0,23	0,02	1,68	0,57	98,42	831	8	56	1032	16	128	0,04
QA04167	S-LR98-017	1352	511587	6464252	Paragneiss	59,29	0,88	12,66	9,55	0,22	5,49	6,14	2,97	0,28	0,04	1,61	0,93	99,88	491	13	51	203	24	211	-0,02
QA04935	S-LR98-176	1352	508687	6471132	Paragneiss	75,04	0,26	12,04	2,08	0,05	1,02	2,48	3,73	0,01	0,04	0,69	0,4	97,98	481	22	41	574	15	251	0,03
QA04936	S-LR98-177	1352	509386	6470838	Alkali-feldspar quartz syenite	74,14	0,19	13,72	1,06	0,13	0,09	0,84	4,1	0,02	0,03	4,29	0,22	98,89	203	34	87	44	77	78	-0,02
QA04937	S-LR98-179	1352	510044	6470608	Paragneiss	70,9	0,26	14,59	2,16	0,06	2,21	3	3,83	0,07	0,05	1,17	0,66	99,1	530	23	56	599	43	94	0,02
QA04938	S-LR98-180	1352	513416	6468347	Gabbro	52,39	1,02	14,02	10,26	0,17	4,7	9,69	4,37	0,34	0,08	1,11	0,71	98,99	648	-5	27	454	19	161	-0,02
QA04975	S-IL98-188	1352	516028	6470370	Gneiss	54,12	1,17	20,85	7,38	0,1	1,84	6,36	6,05	0,43	0,03	0,65	0,44	99,62	464	8	33	1475	17	62	0,04
QA04976	S-IL98-189	1352	516627	6469984	Gabbro	45,35	1,65	12,63	16,3	0,27	9,46	10,82	1,83	0,12	0,07	0,33	0,53	99,39	174	-5	17	94	19	47	-0,02
QA06761	S-JMS98-036	1352	508600	6470925	Gneiss	62,15	0,69	15,27	7,34	0,13	3,36	2,89	4,01	0,21	0,03	2,5	0,62	99,4	1453	12	59	402	12	55	0,02
QA06762	S-JMS98-038	1352	509099	6470279	Diorite	49,42	1,31	14,06	13,34	0,22	6,73	8,47	2,74	0,45	0,03	1,64	0,57	99,11	657	-5	36	523	22	42	0,1
QA06763	S-JMS98-043	1352	510784	6469602	Diorite	47,62	0,79	12,04	13,53	0,24	10,22	10,34	2,2	0,04	0,1	1,11	0,79	99,05	124	-5	33	72	11	37	0,02
QA06764	S-JMS98-048	1352	512810	6467603	Gneiss	53,23	1,3	17,68	9,12	0,11	3,78	5,74	4,89	0,54	0,03	2,04	0,57	99,24	922	16	66	898	21	225	-0,02
QA04033	S-JM98-051	1353	394722	6592436	Orthogneiss	61,37	0,63	18,96	6,74	0,1	3,14	1,88	2,47	0,05	0,07	2,72	0,57	99,03	713	16	70	219	27	200	0,04
QA04034	S-JM98-052	1353	394370	6592501	Granite	71,41	0,16	14,47	1,42	0,02	0,47	1,83	3,63	0,05	0,04	3,7	1,15	98,65	2122	21	89	691	10	69	0,02
QA04035	S-JM98-053	1353	393934	6592171	Gabbro	67,18	0,3	16,21	3,57	0,04	0,9	3,26	4,68	0,18	0,03	1,56	1,67	99,7	525	17	49	295	18	284	0,03
QA04036	S-JM98-055	1353	392762	6591177	Tonalite	74,39	0,06	13,81	0,83	0,01	0,25	1,08	3,02	0,01	0,04	4,89	0,8	99,43	1707	16	154	499	11	91	-0,02
QA04037	S-JM98-057	1353	391897	6590669	Amphibolite	47,14	0,3	7,74	12,37	0,23	19,41	8,6	0,74	0,02	0,39	0,22	2,19	99,38	191	-5	18	13	8	20	0,04
QA04038	S-JM98-058	1353	391734	6590461	Amphibolite	50,46	0,4	11,83	13,85	0,45	9,32	8,67	0,77	0,04	0,29	1,67	1,92	99,8	1051	-5	46	128	13	30	0,51
QA04039	S-JM98-062	1353	390300	6588252	Granodiorite	70,34	0,18	15,61	1,89	0,02	0,74	2,24	3,74	0,1	0,03	4,13	0,57	99,84	1729	12	111	377	11	255	-0,02
QA04040	S-JM98-064	1353	386770	6588037	Granodiorite	78,6	0,11	10,97	2,37	0,02	0,52	1,92	3,08	0,03	0,05	0,93	1,29	100	230	14	45	172	17	626	0,4
QA04041	S-JM98-067	1353	383467	6583261	Granodiorite	68,69	0,35	15,52	3,02	0,04	1,12	3,56	4,56	0,11	0,04	1,34	1,4	99,89	766	17	46	452	14	113	0,02
QA04042	S-JM98-071	1353	383532	6582153	Granite	54,59	1,54	16,6	9,22	0,13	2,5	5,82	4,39	0,57	0,02	2,33	1,62	99,53	1201	15	46	508	29	207	0,08
QA04043	S-JM98-077	1353	383970	6580611	Gneiss	71,67	0,27	14,03	1,29	0,04	0,33	2,03	3,59	0,06	0,04	3,87	0,71	98,2	2079	20	89	381	10	136	-0,02
QA04044	S-JM98-081	1353	384405	6577358	Granite	61,47	0,68	16,56	6,13	0,09	3,02	4,01	4,64	0,2	0,05	1,47	1,11	99,55	524	16	61	491	13	76	0,03
QA04045	S-JM98-083	1353	383812	6577185	Amphibolite	46,43	0,44	11,7	12	0,23	15,08	11,46	1,2	0,04	0,25	0,21	1,42	100,47	104	-5	16	28	10	33	0,04
QA04046	S-JM98-086	1353	382938	6576955	Pegmatite	68,2	0,55	12,46	10,25	0,08	0,26	2,2	4,16	0,01	0,03	1,24	0,31	99,83	199	12	41	205	8	309	-0,02
QA04047	S-JM98-092	1353	381674	6589893	Gneiss	47,92	1,49	13,89	18,24	0,26	5,14	10,45	2,6	0,17	0,02	0,29	0,22	100,75	322	-5	12	122	25	124	0,02
QA04048	S-JM98-098	1353	382929	6588257	Granite	71,66	0,24	14,34	2,47	0,04	0,89	1,95	4,4	0,04	0,04	1,92	1,69	99,83	817	19	51	218	10	225	-0,02
QA04049	S-JM98-100	1353	385007	6585770	Granite	72,74	0,16	15,08	1,52	0,02	0,46	3,59	4,44	0,04	0,04	0,94	0,48	99,66	506	17	35	482	17	473	-0,02
QA04050	S-JM98-101	1353	385514	6585220	Granite	63,04	0,64	15,33	6,61	0,11	2,97	5,55	4,23	0,15	0,05	0,79	0,22	99,78	476	15	23	286	22	123	0,02
QA04128	S-JM98-071	1353	383532	6582153	Granite	72,65	0,31	14,38	1,49	0,02	0,43	2,21	4,1	0,04	0,06	2,49	0,71	99,09	1240	17	63	539	7	133	0,03
QA04129	S-JM98-092	1353	381674	6589893	Gneiss	49,45	0,79	15,86	11,85	0,19	7,08	12,43	1,88	0,06	0,06	0,22	0,22	100,13	123	2,5	13	101	24	60	0,09
QA04192	S-LR98-054	1353	395125	6588552	Gneiss	65,08	0,43	16,01	4,13	0,07	1,79	4,79	4,58	0,09	0,05	0,9	1,35	99,41	745	15	34	473	16	150	0,04
QA04193	S-LR98-056	1353	394081	6587428	Granite	65,26	0,61	15,34	4,25	0,07	1,87	3,86	4,07	0,22	0,04	2,46	0,57	98,82	1168	12	72	606	16	167	0,02
QA04194	S-LR98-059	1353	392329	6586312	Pyroxenite	48,89	0,39	15,06	10,84	0,18	10,84	10,09	1,7	0,03	0,12	0,71	0,48								



**WHOLE ROCK RESULTS**

ID_Assay	ID_Station	Area	Easting	Northing	Rock_Facies	SiO2	TiO2	Al2O3	Fe2O3	MnO	MgO	CaO	Na2O	P2O5	Cr2O3	K2O	LOI	Total	Ba_ppm	Nb_ppm	Rb_ppm	Sr_ppm	Y_ppm	Zr_ppm	S_total
QA04921	S-LR98-136	1354	659574	6642687	Gabbro	47.39	0.81	13.07	13.46	0.21	8.59	10.95	2.11	0.05	0.06	0.53	1.49	98.75	141	-5	28	72	16	37	-0.02
QA04922	S-LR98-137	1354	659951	6642433	Granite	68.33	0.26	16.36	2.27	0.03	0.56	2.68	5.39	0.09	0.03	2.14	0.62	99.01	1310	15	77	1018	11	171	0.02
QA04923	S-LR98-144	1354	660993	6642055	Iron formation	54.85	1.14	14.61	13.75	0.35	3.32	6.83	2.48	0.21	0.04	1.09	0.66	99.4	271	7	38	135	22	154	0.07
QA04924	S-LR98-150	1354	664079	6644731	Granite	63.3	0.43	18.88	2.26	0.02	1.37	0.52	10.33	0.1	0.02	0.09	0.89	98.25	53	28	33	76	17	182	-0.02
QA04926	S-LR98-153	1354	666639	6644018	Gabbro	48.75	0.83	16.23	13.8	0.44	3.25	12.69	2.36	0.05	0.06	0.08	0.66	99.24	152	-5	16	98	9	33	0.06
QA04927	S-LR98-154	1354	666180	6643776	Granite	71.08	0.32	13.8	2.92	0.04	0.51	1.7	3.78	0.09	0.03	4.11	0.4	98.91	698	21	163	167	24	228	-0.02
QA04928	S-LR98-155	1354	665948	6643213	Iron formation	53.89	0.61	16.32	18.46	0.13	3.32	2.42	1.44	0.07	0.08	2.82	0.13	99.8	602	-5	139	283	14	84	-0.02
QA04929	S-LR98-159	1354	664024	6641771	Gabbro	47.3	1.46	14.74	14.62	0.21	6.9	9.39	2.41	0.22	0.03	0.98	0.84	99.15	284	-5	28	98	24	80	0.12
QA04930	S-LR98-167	1354	334531	6633886	Gabbro	49.46	1.22	14.1	13.89	0.22	6.58	10.47	2.22	0.08	0.05	0.28	0.85	99.45	159	-5	20	78	19	61	0.07
QA04931	S-LR98-167	1354	334531	6633886	Gabbro	3.59	0.01	0.37	0.94	0.36	2.6	50.87	0.02	0.01	-0.01	0.01	39.75	98.53	-50	-5	-5	99	-5	-5	0.05
QA04932	S-LR98-169	1354	333221	6633764	Gabbro	50.86	0.4	17.28	7.68	0.14	6.44	9.1	3.02	0.04	0.04	2.04	2.11	99.23	436	7	76	306	10	50	-0.02
QA04933	S-LR98-172	1354	332402	6635297	Granite	72.21	0.23	14.83	1.01	0.01	7.1	0.82	6.95	0.04	0.03	0.59	0.71	98.2	147	23	41	179	11	150	-0.02
QA04934	S-LR98-175	1354	333129	6638207	Granite	72.42	0.27	13.75	1.46	0.02	0.29	1.15	3.34	0.05	0.03	4.86	0.49	98.28	871	16	201	273	11	160	-0.02
QA04939	S-LR98-184	1354	333636	6644679	Granite	75.09	0.19	13.17	1.04	0.02	0.14	0.6	2.74	0.02	0.04	5.71	0.31	99.2	994	17	158	113	19	74	0.01
QA04940	S-LR98-185	1354	333331	6644413	Pyroxenite	47.01	3.6	11.91	20.97	0.28	4.24	9.16	2.3	0.36	0.03	0.68	-0.45	100.16	322	2.5	27	129	39	202	0.07
QA04941	S-LR98-186	1354	333080	6643083	Gabbro	47.78	0.78	17.81	10.75	0.19	5	14.72	1.73	0.06	0.05	0.25	0.93	100.08	98	2.5	22	156	10	40	0.09
QA04942	S-LR98-194	1354	666122	6639158	Pyroxenite	37.62	0.13	2.79	14.66	0.17	30.93	1.7	0.14	0.02	0.65	0.02	10.49	99.32	25	2.5	12	15	2.5	9	0.11
QA04966	S-IL98-151	1354	659888	6642860	Gneiss	66.65	0.44	16.56	2.73	0.04	0.87	3	5.48	0.12	0.04	1.95	0.31	98.43	1026	12	65	1104	19	180	-0.02
QA04967	S-IL98-152	1354	660187	6643369	Gabbro	71.18	0.16	15.28	1.5	0.02	0.34	1.57	6.41	0.04	0.03	1.56	0.58	98.84	982	25	58	593	7	132	-0.02
QA04968	S-IL98-153	1354	660046	6643889	Gabbro	58.61	0.85	16.27	6.38	0.1	3.45	5.06	5.81	0.17	0.03	0.85	1.41	99.08	314	11	39	258	20	292	0.04
QA04969	S-IL98-161	1354	661694	6644942	Gneiss	72.29	0.11	14.87	1.45	0.02	0.38	2.37	4.19	0.05	0.03	2.89	0.4	99.29	1403	19	92	707	10	93	-0.02
QA04970	S-IL98-163	1354	663689	6645329	Gabbro	46.78	1.26	14.9	14.24	0.23	6.12	11.59	2.12	0.08	0.05	0.15	2.07	99.61	157	-5	15	184	17	66	0.03
QA04971	S-IL98-165	1354	664027	6645703	Gneiss	63.92	0.63	14.85	7.79	0.06	2.91	2.02	1.55	0.05	0.06	3.79	1.01	98.76	763	12	165	97	8	121	-0.02
QA04972	S-IL98-167	1354	664679	6645932	Paraschist	68.85	0.6	15.84	4.61	0.05	1.61	1.98	2.29	0.05	0.05	1.81	1.32	99.16	550	15	85	241	16	127	0.09
QA04973	S-IL98-168	1354	664776	6645941	Paraschist	47.04	1.26	13.93	16.93	0.43	5.51	11.7	1.86	0.11	0.04	0.29	0.4	99.54	201	-5	25	60	18	61	-0.02
QA04974	S-IL98-176	1354	340558	6644707	Gabbro	47.32	0.77	12	13.55	0.24	10.2	10.3	2.38	0.05	0.1	1.12	1.1	99.16	172	-5	35	75	10	39	0.05
QA04977	S-IL98-194	1354	664364	6636579	Gabbro	66.28	0.47	15.88	4.74	0.07	1.69	4.38	4.23	0.12	0.04	1.27	0.35	99.61	428	17	61	298	10	155	0.02
QA04978	S-IL98-196	1354	665435	6637754	Tonalite	56.61	0.4	17.84	6.9	0.12	4.5	7.96	4.35	0.03	0.05	0.93	0.4	100.16	195	11	35	327	12	87	0.01
QA06756	S-JMS98-017	1354	666808	6643066	Gabbro	56.6	0.95	20.84	10.19	0.11	5.05	0.95	0.99	0.06	0.09	2.2	1.53	99.65	567	10	97	150	16	114	0.14
QA06757	S-JMS98-019	1354	666340	6642772	Gabbro	65.66	0.52	13.12	8.59	0.1	2.54	2.21	2.28	0.1	0.07	3.12	0.7	99.09	290	8	288	130	9	102	-0.02
QA06758	S-JMS98-025	1354	665061	6641205	Gabbro	48.74	1.06	13.87	13.83	0.19	6.93	11.39	2.41	0.09	0.04	0.3	0.62	99.51	138	-5	22	105	15	59	0.06
QA06759	S-JMS98-026	1354	664667	6641107	Gneiss	68.57	0.28	16.93	2.2	0.03	0.6	3.35	5.72	0.09	0.03	1.32	0.31	99.65	956	11	61	1036	10	179	-0.02
QA06760	S-JMS98-035	1354	335934	6640559	Hornblende	54.06	1.93	13.08	14.39	0.26	3.5	7.42	2.82	0.22	0.03	0.7	1.37	99.83	232	-5	28	130	36	142	0.09
QA06765	S-JMS98-051	1354	334015	6643916	Gabbro	46.93	1.46	12.1	20.35	0.27	4.78	9.38	2.27	0.31	0.04	0.57	-0.22	100.31	301	2.5	22	123	30	175	0.05
QA06766	S-JMS98-059	1354	332228	6639080	Gneiss	50.55	0.76	13.74	13.35	0.27	6.71	11.03	2.53	0.12	0.05	0.67	0.48	100.29	119	2.5	33	89	18	46	0.01
QA04021	S-JM98-030	1355	413124	6425718	Gneiss	62.45	0.78	14.38	7.31	0.1	3.67	4.73	2.47	0.13	0.06	3.37	0.66	100.26	916	14	129	253	14	195	0.04
QA04022	S-JM98-031	1355	412932	6425876	Pegmatite	72.71	0.1	13.74	1.87	0.01	0.22	0.99	1.95	0.03	0.03	6.96	0.58	99.49	1706	9	168	389	18	601	-0.02
QA04023	S-JM98-034	1355	406329	6426048	Gabbro	53.8	0.98	10.12	9.13	0.16	9.05	11.04	2.31	0.14	0.06	2.52	0.4	99.82	633	7	114	231	17	113	0.04
QA04024	S-JM98-037	1355	404222	6429056	Gneiss	50.1	1.27	21.9	13.46	0.13	4.34	3.06	3.64	0.04	0.09	1.7	0.04	99.89	624	34	80	243	34	198	0.08
QA04025	S-JM98-040	1355	406726	6426682	Paragneiss	52.45	1.04	21.7	6.28	0.07	2.52	3.32	2.32	0.04	0.06	1.38	7.99	99.26	423	28	60	213	10	159	0.28
QA04026	S-JM98-043	1355	404263	6429103	Gneiss	65.91	0.96	14.61	5.91	0.08	0.81	3.4	3.42	0.35	0.04	4.06	0.4	100.19	1454	17	123	340	46	493	-0.02
QA04027	S-LR98-043	1355	413888	6521941	Gneiss	71.46	0.19	15.08	1.97	0.03	0.81	2.86	4.08	0.09	0.02	1.8	0.93	99.39	831	16	68	576	9	112	-0.02
QA04028	S-LR98-044	1355	413762	6521921	Orthogneiss	49.11	2.22	15.19	15.8	0.31	3.48	10.16	2.63	0.19	0.02	0.67	-0.13	99.51	274	-5	17	100	40	113	0.03
QA04029	S-JM98-044	1355	409195	6428782	Orthogneiss	68.17	0.78	14.48	4.34	0.07	0.76	3.19	3.45	0.26	0.02	3.95	0.49	99.92	1234	20	114	310	49	441	-0.02
QA04030	S-JM98-047	1355	405173	6427425	Gneiss	59.69	1.25	13.74	10.52	0.12	3.61	5.24	3.82	0.11	0.02	1.05	0.57	99.72	387	10	36	289	23	153	0.08
QA04031	S-JM98-048	1355	404927	6427378	Orthogneiss	61.63	0.51	21.03	4.02	0.04	1.74	3.17	5.4	0.05	0.04	1.36	0.71	99.8	426	14	77	842	13	175	0.04
QA04032	S-JM98-050	1355	405989	6428596	Paragneiss	72.78	0.22	14.16	1.79	0.03	0.61	2.27	3.71	0.06	0.03	3.46	0.49	99.7	970	23	117	266	10	135	-0.02
QA04176	S-LR98-026	1355	415289	6425764	Gneiss	63.06	0.55	15.96	4.89	0.07	2.83	5.39	3.89	0.11	0.03	1.27	0.4	98.55	313	13	66	405	11	189	-0.02
QA04177	S-LR98-027	1355	414494	6425105	Paragneiss	71.15	0.46	13.46	4.95	0.06	1.53	2.34	2.69	0.02	0.05	2.58	0.31	99.74	875	16	96	246	25	196	0.07
QA04178	S-LR98-031	1355	410583	6424208	Granite-gneiss	62.66	1.25	13.96	7.25	0.1	1.04	4.13	3.43	0.5	0.03	3.35	0.75	98.75	1885	19	85	402	53	522	-0.02
QA04																									

WHOLE ROCK RESULTS

ID_Assay	ID_Station	Area	Easting	Northing	Rock_Facies	SiO2	TiO2	Al2O3	Fe2O3	MnO	MgO	CaO	Na2O	P2O5	Cr2O3	K2O	LOI	Total	Ba_ppm	Nb_ppm	Rb_ppm	Sr_ppm	Y_ppm	Zr_ppm	S_total
QA04112	S-PL98-053	1356	430286	6736415	Gabbro	49,37	1,38	13,63	14,95	0,23	6,73	10,51	2,01	0,1	0,04	0,19	0,62	99,8	159	-5	20	87	19	67	0,04
QA04113	S-PL98-057	1356	428343	6739625	Hornblende	49,5	1,22	12,88	13,86	0,2	6,6	9,29	2,02	0,09	0,04	1,17	2,86	99,78	282	-5	38	138	15	69	0,04
QA04114	S-PL98-058	1356	428319	6739463	Gabbro	49,37	1	14,75	12,71	0,19	7,15	11,58	1,73	0,07	0,04	0,46	0,93	100,02	162	-5	21	115	13	50	0,07
QA04115	S-PL98-061	1356	436341	6738064	Gneiss	70,89	0,32	15,56	1,83	0,02	0,7	3,14	5,16	0,1	0,04	1,07	0,31	99,24	365	19	60	444	11	146	-0,02
QA04116	S-PL98-063	1356	435157	6737674	Gabbro	41,57	1,26	13,42	12,74	0,16	4,81	11,38	1,25	0,09	0,03	1,51	11,46	99,73	244	-5	48	122	15	58	0,09
QA04953	S-PL98-038	1356	439298	6744283	Orthogneiss	68,88	0,45	14,51	3,34	0,04	1,39	2,2	3,56	0,13	0,04	3,87	0,67	99,31	1405	17	142	325	14	393	-0,02
QA04954	S-PL98-040	1356	437876	6744118	Gabbro	49,12	0,99	13,54	14,95	0,23	7,15	10,61	2	0,08	0,05	0,71	0,84	100,3	164	-5	19	98	11	56	-0,02
QA04955	S-PL98-041	1356	437402	6743694	Gneiss	75,84	0,02	13,55	0,63	0,01	0,07	1,41	3,59	0,01	0,04	4	0,35	99,66	885	21	125	309	9	64	-0,02
QA04956	S-PL98-042	1356	435373	6743228	Gabbro	49,71	1,04	14,47	12,27	0,19	7,95	11,76	1,83	0,07	0,06	0,17	0,92	100,47	160	-5	20	93	14	52	0,07
QA04957	S-PL98-047	1356	428132	6738089	Gneiss	49,65	0,68	14,64	11,03	0,18	6,38	11,25	2,56	0,04	0,05	1,32	2	99,84	375	-5	39	153	9	44	0,05
QA04906	S-LR98-091	1357	370081	6666679	Granite	72,87	0,1	13,77	1,01	0,01	0,28	0,95	3,4	0,05	0,03	5,44	0,84	98,96	1454	20	161	356	11	93	-0,02
QA04907	S-LR98-096	1357	367246	6669730	Granite	71,52	0,45	14,5	2,67	0,03	1,16	2,82	4,12	0,02	0,04	1,32	0,79	99,53	429	25	96	338	10	21	-0,02
QA04908	S-LR98-097	1357	366761	6669849	Iron formation	48,64	1,24	14,36	13,33	0,21	6,08	10,81	2,95	0,09	0,05	0,67	1,46	99,93	167	-5	25	103	25	70	0,11
QA04909	S-LR98-103	1357	374311	6663860	Granite	61,61	0,9	17,42	6,22	0,09	1,69	4,33	4,57	0,32	0,03	1,58	0,92	99,86	977	11	74	516	21	199	0,06
QA04910	S-LR98-105	1357	373745	6664991	Basalt	67,98	0,36	15,54	2,87	0,03	1,04	3,54	4,47	0,09	0,04	1,31	2,47	99,85	356	18	84	463	17	187	-0,02
QA04911	S-LR98-107	1357	371497	6665164	Granite	67,95	0,32	16,51	2,34	0,03	1	2,49	4,38	0,1	0,03	2,42	1,67	99,39	800	15	103	362	12	156	-0,02
QA04912	S-LR98-108	1357	371411	6665539	Gabbro	48,52	0,94	14,56	12,46	0,25	6,77	11	2,83	0,06	0,06	0,95	1,49	99,93	167	-5	42	168	13	51	0,12
QA04913	S-LR98-114	1357	365906	6665846	Granite	51,72	1,05	15,54	11,54	0,17	3,59	9,25	4,19	0,07	0,07	0,6	2,33	100,19	496	-5	26	119	9	61	1,1
QA04914	S-LR98-124	1357	372563	6662825	Gabbro	49,4	0,79	13,62	12,02	0,2	7,41	10,93	2,87	0,06	0,04	0,67	1,64	99,69	167	-5	26	94	11	46	0,06
QA04915	S-LR98-129	1357	368705	6662956	Monzonite	71,63	0,1	16,2	1	0,01	0,25	2,13	5,2	0,04	0,03	2,72	0,35	99,83	788	19	85	662	13	83	0,03
QA04916	S-LR98-119	1357	373174	6662167	Granite	70,08	0,37	14,68	3,32	0,02	0,48	4,09	6,29	0,1	0,03	0,04	0,7	100,27	17	16	28	485	7	167	-0,02
QA04917	S-LR98-131	1357	366863	6663122	Gabbro	47,92	0,59	8,31	14,69	0,27	14,12	8,76	1,28	0,05	0,25	2,19	0,53	99,04	605	-5	114	57	9	31	-0,02
QA04962	S-IL98-130	1357	373148	6660391	Orthogneiss	62,46	0,73	16,4	5,82	0,08	2,25	6,41	4,44	0,16	0,03	0,6	1,48	99,95	202	14	31	355	9	222	0,03
QA04963	S-IL98-134	1357	370226	6662327	Granite	63,65	0,53	15,94	4,28	0,07	1,32	5,83	4,87	0,15	0,04	0,52	1,93	99,23	196	20	38	564	14	145	-0,02
QA04964	S-IL98-136	1357	369237	6662690	Granite	69,92	0,33	15,02	2,34	0,04	0,61	2,63	4,07	0,08	0,03	3,12	0,4	98,81	1373	14	92	423	13	253	-0,02
QA04965	S-IL98-144	1357	363650	6662160	Gneiss	48,44	0,9	14,06	14,02	0,2	7,6	11,24	2,43	0,06	0,07	0,41	0,8	100,25	92	-5	14	93	14	45	0,05
QA06751	S-JM98-102	1357	369924	6666632	Gabbro	55,25	1,01	14,53	8,57	0,17	6,01	7,28	3,8	0,44	0,04	1,69	1,1	100,03	505	10	91	613	17	154	0,26
QA06752	S-JM98-103	1357	369630	6666794	Tonalite	69,56	0,35	15,42	2,75	0,04	0,81	3,64	4,93	0,09	0,05	1,14	0,62	99,5	182	20	81	526	15	218	-0,02
QA06753	S-JM98-104	1357	368394	6667942	Granite	69,97	0,37	15,24	2,51	0,03	1,1	3,14	4,61	0,1	0,05	1,41	0,66	99,29	257	21	103	378	11	224	-0,02
QA06754	S-IL98-115	1357	374522	6663143	Gneiss	72,82	0,18	15,01	1,5	0,02	0,38	3,22	4,75	0,05	0,04	1,1	0,13	99,28	292	21	56	334	11	46	-0,02
QA06755	S-IL98-118	1357	371959	6664573	Gneiss	69,44	0,37	15,12	2,61	0,04	0,84	3,4	4,23	0,09	0,04	1,53	1,2	98,99	246	20	88	330	10	152	-0,02
QA04131	S-PL98-112	1358	667262	6638290	Granite	73,35	0,13	13,96	1,04	0,02	0,21	0,92	3,06	0,06	0,04	5,62	0,31	98,83	641	22	230	118	12	67	-0,02
QA04132	S-PL98-115	1358	622848	6444966	Gabbro	60,15	0,84	15,35	8,22	0,13	2,8	6,2	3,49	0,13	0,03	1,38	0,49	99,29	360	13	69	153	25	156	0,02
QA04133	S-PL98-119	1358	621933	6444342	Pegmatite	74,52	0,04	13,79	0,45	0,01	0,05	0,48	4,95	0,03	0,03	3,42	0,3	98,12	129	22	143	100	41	35	-0,02
QA04134	S-PL98-122	1358	621708	6444250	Basalt	67,64	0,95	13,12	5,65	0,11	1,12	3,66	5,2	0,3	0,03	0,12	1,04	99,02	129	18	25	372	38	246	-0,02
QA04135	S-PL98-124	1358	621528	6443523	Rhyolite	69,98	0,55	12,97	3,99	0,08	0,4	1,26	3,87	0,11	0,03	3,86	0,89	98,16	1020	21	156	188	34	296	-0,02
QA04136	S-PL98-125	1358	621395	6443291	Basalt	52,26	0,95	15,35	12,98	0,18	4,42	8,9	2,87	0,14	0,02	0,89	0,22	99,26	367	-5	31	236	16	73	-0,02
QA04137	S-PL98-133	1358	619509	6441041	Rhyolite	68,85	0,66	13,26	4,36	0,09	0,52	1,68	3,95	0,13	0,03	0,41	0,49	98,22	1192	18	159	189	38	320	-0,02
QA04138	S-PL98-134	1358	619176	6440888	Basalt	53,78	1,65	13,97	14,43	0,2	3,35	6,09	4,08	0,35	0,04	1,15	0,81	99,99	465	-5	35	332	16	117	-0,02
QA04139	S-PL98-135	1358	619288	6440548	Rhyolite	69,45	0,62	14,55	3,81	0,07	0,33	0,68	4,53	0,12	0,03	4,43	0,57	99,41	1509	19	154	154	36	338	-0,02
QA04140	S-PL98-136	1358	618942	6440214	Pyroxenite	38,91	0,29	4,71	12,71	0,2	28,88	3,16	0,16	0,03	0,46	0,02	9,04	98,57	-50	-5	16	-5	-5	23	0,05
QA04141	S-PL98-137	1358	617654	6453837	Tonalite	71,23	0,23	15,39	1,68	0,04	0,49	2,77	5,04	0,05	0,04	1,34	0,31	98,76	792	16	81	522	10	119	-0,02
QA04142	S-PL98-139	1358	616875	6452574	Tonalite	67,66	0,28	16,54	2,53	0,05	0,7	2,76	5,05	0,08	0,03	2,92	0,4	99,2	1207	21	104	502	15	131	-0,02
QA04143	S-PL98-142	1358	615920	6451646	Pyroxenite	42,09	0,11	1,51	11,77	0,18	33,3	1,24	0,18	0,01	0,43	0,02	7,57	98,42	-50	-5	17	-5	-5	14	0,16
QA04144	S-PL98-144	1358	615487	6451382	Rhyolite	64,01	0,43	15,09	6,1	0,11	1,91	4,8	4,59	0,07	0,03	1,27	1,01	99,49	280	16	58	276	29	136	-0,

WHOLE ROCK RESULTS

ID_Assay	ID_Station	Area	Easting	Northing	Rock_Facies	SiO2	TiO2	Al2O3	Fe2O3	MnO	MgO	CaO	Na2O	P2O5	Cr2O3	K2O	LOI	Total	Ba_ppm	Nb_ppm	Rb_ppm	Sr_ppm	Y_ppm	Zr_ppm	S_total
QA04989	S-IL98-217	1358	616636	6441728	Gabbro	66,41	0,59	14,47	5,4	0,07	3,31	2,58	3,48	0,12	0,03	2,51	0,4	99,45	356	23	92	112	24	176	-0,02
QA04990	S-IL98-218	1358	616554	6441473	Basalt	43,07	0,29	5,14	10,83	0,15	27,46	5,62	0,2	0,03	0,38	0,06	6,05	99,29	-50	-5	18	99	8	21	0,08
QA04991	S-IL98-220	1358	615874	6440472	Rhyolite	69,2	0,37	14,89	3,48	0,05	1,45	2,37	3,66	0,11	0,04	3,5	0,54	99,82	846	18	162	407	16	143	-0,02
QA04992	S-IL98-223	1358	621206	6450307	Tonalite	68,98	0,37	16,22	3,03	0,05	0,95	3,76	5,16	0,11	0,03	1,05	0,26	100,08	274	15	73	591	13	152	-0,02
QA04993	S-IL98-230	1358	617891	6448753	Pyroxenite	44,65	0,33	3,36	12,69	0,18	25,55	6,79	0,17	0,02	0,5	0,03	5,1	99,38	55	-5	19	20	-5	25	0,08
QA04994	S-IL98-230	1358	617891	6448753	Pyroxenite	69,94	0,34	14,56	3,04	0,05	0,85	2,43	5,26	0,09	0,04	0,81	0,83	98,31	197	21	60	241	13	172	-0,02
QA04995	S-IL98-230	1358	617891	6448753	Pyroxenite	49,39	0,6	10,64	11,38	0,2	12,86	10,55	1,43	0,05	0,16	0,63	1,71	99,63	152	-5	30	129	13	37	0,05
QA04996	S-IL98-232	1358	617528	6448791	Basalt	37,98	0,15	1,55	12	0,13	34,66	0,91	0,15	0,02	0,36	0,01	11,01	98,94	-50	6	16	-5	7	15	0,04
QA04997	S-IL98-233	1358	617208	6448735	Rhyolite	61,25	0,69	15,16	8,12	0,14	2,91	4,58	3,98	0,09	0,03	2,06	1,31	100,41	524	9	101	204	18	127	-0,02
QA04998	S-IL98-234	1358	616363	6448604	Pyroxenite	43,05	0,47	4,8	14,18	0,21	23,89	6,58	0,2	0,04	0,46	0,02	4,96	98,87	53	-5	11	14	8	30	0,22
QA04999	S-IL98-235	1358	616080	6448542	Rhyolite	72,3	0,27	14,83	2,29	0,04	0,97	1,14	5,25	0,06	0,03	1,67	1,14	100,09	396	25	103	242	13	175	-0,02
QA05000	S-IL98-236	1358	615173	6447943	Rhyolite	63,81	0,74	14,94	6,83	0,13	3,43	4,42	3,5	0,15	0,03	1,11	1,01	100,19	370	16	64	179	32	186	-0,02
QA06767	S-JMS98-067	1358	618123	6446503	Gabbro	65,18	0,6	14,71	5,68	0,08	2,96	2,73	3,19	0,06	0,07	2,51	1,43	99,29	415	14	173	229	11	129	0,12
QA06768	S-JMS98-067	1358	618123	6446503	Gabbro	54,64	1,22	14,92	12,2	0,2	4,49	7,07	3,33	0,31	0,03	0,98	0,97	100,44	343	9	40	153	34	201	0,02
QA06769	S-JMS98-077	1358	620578	6448129	Gabbro	44,72	0,38	4,9	13,24	0,18	23,51	7,11	0,32	0,04	0,41	0,43	3,91	99,15	-50	-5	39	5	6	27	0,15
QA06770	S-JMS98-086	1358	617324	6448284	Pegmatite	70,89	0,34	14,7	3,12	0,06	0,79	2,35	4,44	0,09	0,03	1,89	1,04	99,83	397	22	101	220	16	161	-0,02
QA06771	S-JMS98-087	1358	617384	6448205	Gabbro	62,7	0,71	14,96	7,4	0,12	2,32	5,5	3,33	0,16	0,03	1,04	1,1	99,43	244	16	54	171	22	158	-0,02
QA06772	S-JMS98-095	1358	615772	6445723	Peridotite	44,65	1,98	9,79	18,99	0,25	11,31	10,19	1,1	0,18	0,16	0,51	0,44	99,6	233	-5	20	208	11	80	0,09
QA06773	S-JMS98-098	1358	615207	6445181	Peridotite	45,22	1,06	15,86	11,6	0,1	15,1	4,09	1,29	0,08	0,06	0,94	5,28	100,72	197	5	41	54	19	62	-0,02
QA06775	S-JMS98-106	1358	615038	6452330	Peridotite	40,36	0,25	2,36	12,6	0,14	32,65	1,89	0,15	0,02	0,32	0,06	8,52	99,33	-50	-5	18	6	-5	19	0,06
QA06776	S-JMS98-107	1358	614790	6452331	Orthogneiss	74,75	0,04	14,89	0,9	0,1	0,19	0,84	3,72	0,03	0,03	2,68	0,84	99,08	330	28	173	78	19	54	-0,02
QA06777	S-JMS98-108	1358	614695	6452296	Orthogneiss	73,3	0,28	13,41	2,18	0,03	0,43	2,06	4,34	0,05	0,03	1,49	0,85	98,54	498	23	67	214	13	135	-0,02
QA06778	S-JMS98-110	1358	612980	6451430	Peridotite	46,67	0,06	1,23	8,46	0,21	29,76	5,29	0,15	0,01	0,24	0,02	7,65	99,75	-50	10	15	14	7	16	0,02
QA07751	S-LR98-224	1358	615772	6442342	Tuff	61,15	1,12	18,63	5,05	0,11	2,5	6,92	1,57	0,3	0,02	2,32	0,53	100,3	284	21	108	43	23	258	-0,02
QA07752	S-LR98-226	1358	615419	6442241	Peridotite	41,87	0,17	3,35	10,73	0,14	31,76	2,51	0,14	0,02	0,56	0,01	8,09	99,36	-50	9	16	5	6	28	0,04
QA07753	S-LR98-231	1358	614574	6441387	Rhyolite	72,78	0,23	14,39	2,45	0,04	0,53	0,91	4,95	0,04	0,03	3,23	0,48	100,17	484	27	195	101	31	240	-0,02
QA07754	S-LR98-243	1358	618035	6450212	Peridotite	38,45	0,1	1,8	13,12	0,19	33,86	1,09	0,16	0,02	0,73	0,02	9,26	98,8	-50	-5	16	-5	-5	19	0,24
QA07755	S-LR98-244	1358	617112	6450047	Rhyolite	70,6	0,36	15,06	3,38	0,06	1,24	2,19	4,2	0,09	0,03	1,46	1,32	100,08	316	19	78	236	10	170	0,02
QA07756	S-LR98-246	1358	616927	6449867	Basalt	49,05	0,85	11,14	12,34	0,19	12,13	9,48	1,67	0,07	0,15	0,74	1,45	99,29	184	-5	37	65	15	52	0,07
QA07757	S-LR98-248	1358	616424	6449754	Gabbro	44,59	0,23	2,56	12,98	0,19	29,86	3,52	0,18	0,03	0,27	0,02	4,9	99,34	-50	-5	15	15	7	19	0,2
QA07758	S-LR98-254	1358	614661	6449123	Pegmatite	73,7	0,03	15,9	0,64	0,01	0,21	3,11	4,68	0,01	0,03	1,63	0,26	100,43	1728	25	67	285	11	70	-0,02
QA07759	S-LR98-255	1358	614583	6449017	Basalt	47,36	1,66	14,12	18,48	0,26	4,46	8,27	3,25	0,08	0,01	1,14	1,08	100,22	326	-5	37	63	15	79	0,2
QA07760	S-LR98-257	1358	613678	6447324	Gabbro	51,03	0,45	14,4	9,28	0,15	7,62	10,4	2,12	0,05	0,06	1,96	2,41	100	333	-5	131	165	12	58	0,08
QA04051	S-IL98-001	KUJJUAQ	524558	6484328	Gneiss	65,08	0,74	14,71	7,18	0,12	2,83	4,73	2,76	0,19	0,03	1	2,23	99,48	414	14	34	129	20	135	-0,02
QA04054	S-IL98-003	KUJJUAQ	522892	6485064	Gneiss	64,9	0,62	16,53	3,83	0,05	1,66	5,07	4,21	0,11	0,02	0,54	1,06	98,59	381	16	29	526	8	41	0,06
QA04057	S-IL98-007	KUJJUAQ	525988	6470471	Gneiss	68,94	0,22	17,37	1,98	0,04	0,65	2,47	6,24	0,04	0,04	1,35	0,58	100,03	425	23	70	868	10	80	-0,02
QA04061	S-PL98-003	KUJJUAQ	485174	6553205	Gneiss	67,14	0,63	14,62	5,73	0,06	2,1	1,8	2,71	0,17	0,05	3,26	1,32	99,57	826	21	117	247	30	230	0,02
QA04067	S-PL98-009	KUJJUAQ	490787	6545558	Gabbro	65,96	0,97	14,29	6,81	0,08	2,26	4,93	3,3	0,21	0,05	0,23	0,4	99,39	294	14	25	531	21	188	-0,02
QA04070	S-PL98-012	KUJJUAQ	630235	6463771	Pyroxenite	47,33	0,76	10,61	14,17	0,19	15,22	8,24	0,88	0,05	0,21	0,43	1,42	99,49	130	-5	21	100	13	53	0,02
QA04073	S-PL98-014	KUJJUAQ	630118	6463770	Gneiss	70,94	0,32	15,04	2,59	0,02	0,99	2,08	4,41	0,09	0,03	2,82	0,66	100	530	23	116	190	14	160	0,13
QA04075	S-PL98-017	KUJJUAQ	613029	6441904	Peridotite	43,04	0,53	2,22	14,59	0,33	7,21	23,83	0,86	5,68	-0,01	0,1	0,31	98,77	84	-5	7	378	90	169	0,08
QA04078	S-IL98-011	KUJJUAQ	508869	6482652	Gabbro	50,34	0,29	15,31	7,31	0,14	9,77	11,39	2,35	0,05	0,07	0,76	1,63	99,42	202	8	35	267	12	34	0,06
QA04079	S-PL98-022	KUJJUAQ	472441	6485532	Gabbro	50,82	1,67	13,35	14,82	0,18	6,56	5,39	4,83	0,12	0,02	0,14	2,25	100,06	191	-5	12	51	15	75	1,18
QA04082	S-PL98-023	KUJJUAQ	472167	6484657	Gabbro	48,14	1,74	14,34	15,8	0,2	6,69	10,36	1,34	0,14	0,03	0,17	1,16	100,01	153	-5	14	100	22	81	0,34
QA04088	S-PL98-026	KUJJUAQ	495366	6459194	Schist	45,66	1,48	13,17	16,72	0,25	8,61	11,08	1,52	0,08	0,03	0,22	0,75	99,52	168	-5	10	52	24	67	-0,02
QA04089	S-PL98-029	KUJJUAQ	395939	6491945	Gabbro	47,28	0,75	9,12	13,12	0,21	12,94	11,52	1,25	0,08	0,08	0,5	2,78	99,59	210	-5	26	88	10	33	0,23
QA04091	S-PL98-030	KUJJUAQ	389634	6482854	Granite	59,75	0,39	11,51	15,65	0,21	3,62	3,83	2,36	0,08	0,15	0,91	1,56	99,99	264	-5	56	114	7	77	1,88
QA04093	S-PL98-027	KUJJUAQ	511787	6471346	Gabbro	41,69	0,4	7,7	28,92	0,35	8,6	9,62	1,24	0,05	0,08	0,58	0,4	99,59	91	-5	5	11	5	10	-0,02
QA04103	S-PL98-020	KUJJUAQ	505274	6481027	Gneiss	71,28	0,64	13,11	5,27	0,05	1,59	1,28	1,73	0,04	0,06	2,62	1,6	99,43	1114	24	80	207	30	254	0,02
QA04149	S-IL98-239	NEDLOUC	549462	6477308	Gabbro	53,16	0,39	4,25	11,66	0,19	19,88	7,51	0,77	0,04	0,32	0,62	0,18	99	124	2,5	48	54	11	28	0,25
QA04979	S-IL98-200	NEDLOUC	619675	6439806	Pyroxen																				

## WHOLE ROCK RESULTS

ID Assay	ID_Station	Area	Easting	Northing	Rock_Facies	SiO2	TiO2	Al2O3	Fe2O3	MnO	MgO	CaO	Na2O	P2O5	Cr2O3	K2O	LOI	Total	Ba_ppm	Nb_ppm	Rb_ppm	Sr_ppm	Y_ppm	Zr_ppm	S_total	
QA07835	S-IL98-075	TASIVIUP	318337	6685349	Syenite	49,1	1,04	13,89	12,43	0,19	7,59	11,76	2,6	0,07	0,06	0,35	0,7	99,81	137	-5	19	96	14	49	0,11	
QA07836	S-IL98-076	TASIVIUP	340187	6679715	Gabbro	50,62	1,2	17,98	11,85	0,28	4,43	7,81	3,28	0,07	0,08	0,87	1,53	100,06	257	-5	32	204	14	44	0,41	
QA07837	S-IL98-078	TASIVIUP	337756	6654294	Pyroxenite	44,16	0,78	9,27	25,32	0,47	8,26	9,28	1,61	0,12	0,02	1,04	0,13	100,47	107	-5	10	14	10	29	0,08	
QA07838	S-IL98-081	TASIVIUP	355894	6652001	Gabbro	69,09	0,28	15,5	3,16	0,05	1,32	3,88	4,6	0,06	0,04	0,97	0,35	99,42	485	14	43	606	9	128	0,02	
QA07839	S-IL98-083	TASIVIUP	368336	6643820	Gabbbronorite	48,03	2,52	13,14	16,13	0,22	5,62	9,92	2,17	0,23	0,03	0,59	1,31	99,97	313	-5	23	162	21	120	0,16	
QA07840	S-IL98-084	TASIVIUP	391178	6607701	Gabbbronorite	46,27	0,65	17,35	11,64	0,16	8,3	10,82	2,07	0,05	0,07	0,59	1,52	99,52	108	-5	30	86	12	33	0,04	
QA07841	S-IL98-086	TASIVIUP	372833	6573280	Gabbro	46,6	0,88	12,57	15,2	0,2	9,61	10,66	1,11	0,11	0,06	0,85	2,11	100	205	-5	28	69	17	36	0,04	
QA07842	S-IL98-090	TASIVIUP	366126	6574327	Monzonite	63,15	0,94	15,51	6	0,08	1,45	4,22	3,91	0,25	0,03	2,86	1,01	99,6	1145	19	71	314	20	346	0,02	
QA07843	S-IL98-094	TASIVIUP	354733	6584136	Gabbro	49,15	0,34	16,34	13,43	0,14	7,67	7,28	2,48	0,09	0,04	0,44	1,94	99,42	245	-5	24	515	8	37	2,28	
QA07844	S-IL98-095	TASIVIUP	347083	6587099	Iron formation	41,19	0,25	3,72	15,33	0,22	31,79	3,43	0,39	0,02	0,48	0,07	2,66	99,56	48	-5	16	-5	-5	18	-0,02	
QA07845	S-IL98-098	TASIVIUP	362462	6593073	Peridotite	39,29	0,23	5,31	11,28	0,19	28,72	4,84	0,34	0,02	0,78	0,11	8,14	99,26	21	6	19	14	-5	20	0,02	
QA07846	S-IL98-099	TASIVIUP	368396	6595010	Iron formation	46,39	0,26	6,55	11,39	0,19	20,86	9,01	0,47	0,02	0,42	0,11	3,41	99,09	29	-5	0,1	23	32	-5	16	-0,02
QA07847	S-IL98-102	TASIVIUP	417427	6594064	Gabbbronorite	40,27	0,15	3,02	10,71	0,14	32,71	1,17	0,15	0,01	0,48	0,01	10,51	99,34	-10	-5	22	5	-5	11	0,13	
QA07848	S-IL98-109	TASIVIUP	384000	6529659	Gabbbronorite	50,77	1,67	16,14	12,14	0,17	4,64	7,45	3,92	0,6	0,02	1,58	0,75	100	586	10	66	569	23	239	0,14	
QA07849	S-IL98-109	TASIVIUP	384000	6529659	Gabbbronorite	71,72	0,22	14,05	1,51	0,02	0,52	2,21	3,14	0,05	0,03	4,36	0,4	98,53	2140	20	131	620	7	105	-0,02	
QA07850	S-IL98-110	TASIVIUP	339224	6493912	Gabbbronorite	46,95	1,12	15,96	13,6	0,2	7,81	12,67	1,35	0,08	0,06	0,34	0,13	100,3	155	-5	14	74	16	51	0,06	
QA04094	S-IL98-014	TORNGATS	425077	6409697	Gneiss	73,37	0,33	13,13	2,75	0,04	0,52	1,63	2,07	0,08	0,03	5,63	0,18	99,9	742	21	209	199	33	175	0,03	
QA04095	S-IL98-016	TORNGATS	423792	6387727	Orthogneiss	73,72	0,18	14,3	1,4	0,02	0,5	2,43	3,61	0,03	0,04	3,02	0,35	99,79	1245	16	111	364	10	149	-0,02	
QA04096	S-IL98-021	TORNGATS	409072	6422221	Pyroxenite	48,13	1,23	14,07	13,08	0,2	7,86	11,48	2,72	0,08	0,09	0,75	0,57	100,3	168	-5	18	104	12	48	-0,02	
QA04097	S-IL98-022	TORNGATS	408762	6422450	Gneiss	63,08	1,67	13,64	7,84	0,11	1,33	4,12	3,07	0,59	0,02	3,64	0,22	99,58	1534	16	83	336	46	519	-0,02	
QA04098	S-IL98-012	TORNGATS	425309	6409345	Orthogneiss	53,32	0,16	2,68	11,95	0,33	19,66	10,65	0,35	0,01	0,33	1,04	0,18	100,68	119	-5	57	28	10	16	-0,02	
QA04099	S-IL98-024	TORNGATS	385856	6396826	Orthogneiss	71,05	0,28	14,59	2,79	0,04	0,77	3,06	3,16	0,08	0,04	3,11	0,27	99,4	990	20	130	212	13	183	-0,02	
QA04100	S-IL98-026	TORNGATS	378165	6407037	Rhyolite	57,43	1,04	15,91	8,68	0,12	5,2	3,54	2,88	0,22	0,05	1,91	3,33	100,44	588	11	115	278	19	209	-0,02	
QA04105	S-PL98-032	TORNGATS	409574	6422410	Gneiss	75,75	0,07	14,11	0,53	0,01	0,19	1,23	3,2	0,01	0,03	5,05	0,26	100,66	1488	20	150	508	9	63	-0,02	
QA04106	S-PL98-034	TORNGATS	399906	6423275	Gneiss	63,08	0,53	15,62	9,56	0,16	2,1	0,85	0,44	0,4	0,05	4,97	2,35	100,29	1292	9	172	81	29	162	-0,02	
QA04107	S-PL98-035	TORNGATS	399773	6423288	Pyroxenite	41,12	0,35	5,55	12,26	0,17	25,55	5,49	0,28	0,03	0,63	0,05	8,76	100,26	52	6	13	20	7	21	0,15	
QA04108	S-PL98-036	TORNGATS	425812	6471888	Peridotite	63,37	0,76	17,52	6,84	0,1	2,02	2,31	3,66	0,04	0,05	2,42	0,31	99,51	474	13	102	192	29	286	-0,02	
QA04109	S-PL98-036	TORNGATS	425812	6471888	Peridotite	39,33	0,07	2,12	11,76	0,17	41,13	1,63	0,19	0,01	0,81	0,02	3,7	100,94	-10	8	24	-5	-5	11	0,03	
QA07801	S-IL98-026	TORNGATS	378165	6407037	Rhyolite	69,53	0,38	11,83	4,82	0,1	3,16	4,56	2,69	0,07	0,04	1,13	0,61	98,98	233	14	83	130	14	104	-0,02	
QA07802	S-IL98-026	TORNGATS	378165	6407037	Rhyolite	64,85	0,67	14,11	6,8	0,09	3,54	1,55	3,34	0,17	0,03	1,67	3,1	100	250	23	138	110	34	219	-0,02	
QA07803	S-IL98-026	TORNGATS	378165	6407037	Rhyolite	74,62	0,28	11,86	2,66	0,04	1,31	0,48	3,58	0,17	0,03	3,51	1,05	99,69	540	25	117	80	27	204	-0,02	
QA07804	S-IL98-025	TORNGATS	371824	6393492	Gneiss	72,6	0,17	14,05	1,27	0,02	0,4	0,77	2,49	0,04	0,04	6,61	0,44	99,11	1449	24	215	279	22	143	-0,02	
QA07804	S-IL98-027	TORNGATS	368825	6410697	Gneiss	72,6	0,17	14,05	1,27	0,02	0,4	0,77	2,49	0,04	0,04	6,61	0,44	99,11	1449	24	215	279	22	143	-0,02	
QA07805	S-IL98-029	TORNGATS	401423	6423905	Orthogneiss	45,71	2,81	15,69	13,2	0,23	5,85	11,16	2,38	0,45	0,03	1,07	1,27	100,04	921	46	32	700	19	149	0,02	
QA07807	S-IL98-033	TORNGATS	391388	6467569	Granite	70,74	0,29	15,22	2,59	0,03	1	3,17	3,82	0,07	0,03	2,48	0,4	99,99	814	19	92	387	8	137	-0,02	
QA07808	S-IL98-036	TORNGATS	425711	6471074	Peridotite	38,63	0,05	0,98	13,61	0,19	41,87	0,91	0,18	0,01	0,74	0,02	2,76	99,96	-10	5	15	-5	-5	8	0,07	
QA07809	S-IL98-037	TORNGATS	425715	6471390	Peridotite	39,65	0,08	1,45	11,02	0,16	42,51	1,3	0,17	0,01	0,75	0,02	2,93	100,06	-10	10	20	-5	6	12	0,08	
QA07810	S-IL98-038	TORNGATS	415576	6464434	Peridotite	57,87	0,95	16,18	9,2	0,16	5,03	6,44	1,58	0,06	0,07	1,46	0,53	99,62	433	6	80	154	27	170	-0,02	
QA07811	S-IL98-038	TORNGATS	415576	6464434	Peridotite	48,66	0,33	5,18	11,86	0,22	25,15	5,11	0,23	0,02	0,34	0,04	2,87	100,03	56	6	19	21	-5	20	0,32	
QA07812	S-IL98-038	TORNGATS	415576	6464434	Peridotite	43,34	0,38	5,07	11,05	0,15	27,99	4,63	0,22	0,02	0,42	0,04	6,62	99,94	60	5	16	26	6	28	0,07	
QA07813	S-IL98-039	TORNGATS	378695	6511314	Gneiss	70,95	0,6	14,22	4,15	0,06	1,6	1,36	2,46	0,05	0,03	3,28	1,24	100,06	578	30	192	122	31	180	0,03	
QA07814	S-IL98-041	TORNGATS	408191	6491029	Gneiss	67,52	0,68	18,54	4,41	0,05	1,41	3,21	1,93	0,09	0,04	1,12	0,27	99,31	659	20	51	208	27	296	0,02	
QA07815	S-IL98-042	TORNGATS	399445	6482255	Gneiss	65,37	0,69	15,46	6	0,18	2,15	1,71	2,44	0,08	0,04	4,42	0,71	99,34	1086	18	191	195	32	224	0,19	
QA07817	S-IL98-046	TORNGATS	369075	6473005	Schist	74,77	0,44	11,16	3,03	0,04	1,23	1,22	1,29	0,06	0,03	3,16	2,34	98,84	672	24	124	129	22	293	0,76	
QA07818	S-IL98-047	TORNGATS	358756	6488119	Gneiss	71,66	0,3	14,78	2,5	0,04	0,9	2,28	4,71	0,06	0,03	1,53	0,66	99,49	477	24	119	212	21	183	0,04	

**APPENDIX D**

## GEOLOGICAL STATIONS

ID Station	Area	NTS	Zon	Nadj	Easting	Northing	Rock	Facies	Rock Modifier	Gran. Siz	Texture	Metamorphic_Mx	Alteration_Mx	Direction	Dip	Mineralization	Po	Pni	Cp	Py	Mt	Ilm	Gal	Sp	Other_Mx	Physical Properties	Comments			
S-IL98-183	1352	24K7	19	83	514310	6472917	Gneiss		biotite	Medium	Gneissic	biotite			108	12											aspect rouille, veine de qtz et pegmatite			
S-IL98-184	1352	24K7	19	83	514428	6472657	Gneiss		biotite	Medium	Gneissic	biotite																ressemble a une migmatite		
S-IL98-185	1352	24K7	19	83	514400	6472025	Gneiss		muscovite	Fine	Gneissic																			
S-IL98-186	1352	24K7	19	83	515323	6470694	Gneiss		biotite	Medium	Gneissic	biotite															Magnetic++	petit gossan mineur		
S-IL98-187	1352	24K7	19	83	515750	6470587	Gneiss		biotite	Medium	Gneissic	biotite																		
S-IL98-188	1352	24K7	19	83	516028	6470370	Gneiss		biotite	Coarse	Gneissic	biotite				Disseminated														
S-IL98-189	1352	24K7	19	83	516627	6469984	Gabbro			Coarse	Gneissic	grenat, chlorite																		
S-IL98-190	1352	24K7	19	83	516967	6469116	Gneiss		biotite	Medium	Gneissic	biotite				Disseminated										tr		bandes dans le gneiss???		
S-IL98-191	1352	24K7	19	83	517083	6468813	Gneiss		biotite, graphite	Medium	Gneissic	biotite				Disseminated												tres altere comme s' il y avait eu graphite		
S-IL98-192	1352	24K7	19	83	517453	6468608	Gneiss		biotite	Medium	Gneissic	biotite																bandes graphitueuses sont plus rouillees		
S-IL98-193	1352	24K7	19	83	517827	6468597	Gneiss		amphibole	Coarse	Gneissic																	veinules plus granitiques(pegmatite)		
S-JM98-001	1352	24K7	19	83	510681	6462990	Gneiss		biotite	Medium	Gneissic	biotite			290	90												recoupe par des veines plus granitiques		
S-JM98-002	1352	24K7	19	83	510540	6462968	Gneiss		biotite	Medium	Gneissic	biotite																		
S-JM98-003	1352	24K7	19	83	510596	6461586	Gneiss		biotite	Medium	Gneissic	biotite			96	90														
S-JM98-004	1352	24K7	19	83	510783	6461068	Gneiss		biotite	Medium	Gneissic	biotite			101															
S-JM98-005	1352	24K7	19	83	509196	6458821	Gneiss		biotite	Medium	Gneissic	biotite																		
S-JM98-006	1352	24K7	19	83	509161	6459141	Quartzite			Medium	Massive																			
S-JM98-007	1352	24K7	19	83	507900	6460668	Gneiss		biotite	Medium	Gneissic	biotite																		
S-JM98-008	1352	24K7	19	83	507820	6461517	Gneiss		biotite	Medium	Gneissic	biotite			273	30														
S-JM98-009	1352	24K7	19	83	507486	6461788	Gneiss		biotite	Medium	Gneissic	biotite, amphibole																		
S-JM98-010	1352	24K7	19	83	506674	6462393	Gneiss		biotite	Medium	Gneissic	biotite, amphibole																		
S-JM98-011	1352	24K7	19	83	506088	6464968	Amphibolite		biotite	Medium	Gneissic	biotite				Disseminated														
S-JM98-012	1352	24K7	19	83	506021	6464126	Gneiss		biotite, grenat	Coarse	Gneissic	biotite, grenat																		
S-JM98-013	1352	24K7	19	83	508783	6465839	Gneiss		biotite	Medium	Gneissic	biotite																		
S-JM98-014	1352	24K7	19	83	508807	6465489	Gneiss		biotite	Coarse	Gneissic	biotite				Disseminated											Magnetic	Minor sulphides		
S-JM98-015	1352	24K7	19	83	510147	6465847	Gneiss		biotite	Medium	Gneissic	biotite																		
S-JM98-016	1352	24K7	19	83	510382	6465533	Gneiss		biotite	Medium	Gneissic	biotite																		
S-JM98-017	1352	24K7	19	83	510749	6465210	Gneiss		biotite	Medium	Gneissic	biotite																	Magnetic	
S-JM98-018	1352	24K7	19	83	511817	6464561	Gneiss		biotite	Medium	Gneissic	biotite																		
S-JM98-019	1352	24K7	19	83	510937	6476788	Gneiss		biotite	Medium	Gneissic	biotite				Disseminated														
S-JM98-020	1352	24K7	19	83	511015	6476290	Gneiss		biotite	Medium	Gneissic	biotite																		
S-JM98-021	1352	24K7	19	83	510513	6474725	Gneiss		biotite, grenat	Medium	Gneissic	biotite, grenat																		
S-JM98-022	1352	24K7	19	83	510132	6473723	Gneiss		biotite	Medium	Gneissic	biotite																		
S-JM98-023	1352	24K7	19	83	509714	6473711	Gneiss		biotite	Coarse	Gneissic	biotite																		
S-JM98-024	1352	24K7	19	83	509566	6473631	Gneiss		biotite	Coarse	Gneissic	biotite																		
S-JM98-025	1352	24K7	19	83	520684	6467804	Gneiss		biotite	Fine	Gneissic	biotite																		
S-JM98-026	1352	24K7	19	83	520845	6467891	Pegmatite			Coarse																				
S-JM98-027	1352	24K7	19	83	520940	6466772	Gneiss		biotite	Medium	Gneissic	biotite																		
S-JMS98-036	1352	24K7	19	83	508600	6470825	Gneiss		biotite	Fine	Gneissic	biotite, chlorite																		
S-JMS98-037	1352	24K7	19	83	508881	6470471	Gneiss		biotite	Fine	Gneissic	biotite, chlorite																		
S-JMS98-038	1352	24K7	19	83	509099	6470279	Diorite		quartz	Medium	Gneissic	biotite, chlorite			60	70														
S-JMS98-039	1352	24K7	19	83	509190	6470175	Breccia			Medium	Gneissic	chlorite																		
S-JMS98-040	1352	24K7	19	83	509388	6470078	Granito-gneiss		biotite	Fine	Gneissic	biotite																		
S-JMS98-041	1352	24K7	19	83	509679	6469770	Granito-gneiss		biotite	Fine	Gneissic	biotite																		
S-JMS98-042	1352	24K7	19	83	510088	6469598	Granito-gneiss		biotite	Fine	Gneissic	biotite																		
S-JMS98-043	1352	24K7	19	83	510784	6469602	Diorite		biotite	Fine	Gneissic	biotite, chlorite																		
S-JMS98-044	1352	24K7	19	83	511175	6468422	Gneiss		biotite	Fine	Gneissic	biotite																		
S-JMS98-045	1352	24K7	19	83	511331	6467943	Gneiss		biotite	Fine	Gneissic	biotite																		
S-JMS98-046	1352	24K7	19	83	511640	6467823	Gneiss		biotite	Medium	Gneissic	biotite, chlorite, muscovite			262															
S-JMS98-047	1352	24K7	19	83	512502	6467255	Gneiss		biotite	Fine	Gneissic	biotite			259	76														
S-JMS98-048	1352	24K7	19	83	512810	6467603	Gneiss		biotite	Fine	Gneissic	biotite				Disseminated							2				Magnetic+++			
S-JMS98-049	1352	24K7	19	83	513771	6467405	Gneiss		biotite	Fine	Gneissic	biotite			3	60														
S-LR98-001	1352	24K7	19	83	510741	6462935	Gneiss		biotite	Medium	Gneissic	biotite			290	90														
S-LR98-002	1352	24K7	19	83	511206	6462243	Gneiss		biotite	Medium	Gneissic	biotite			290	32														
S-LR98-003	1352	24K7	19	83	510898	6461530	Gneiss		biotite	Medium	Gneissic	biotite			10	20	Disseminated													
S-LR98-004	1352	24K7	19	83	510392	6460353	Gneiss		biotite	Fine	Gneissic	biotite			80	44	Veins													
S-LR98-005	1352	24K7	19																											

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ID Station	Area	NTS	Zon	Nad	Eastng	Northing	Rock Faces	Rock Modifier	Gran_Siz	Texture	Metamorphic_Mx	Alteration_Mx	Direction	Dip	Mineralization	Po	Pn	Cp	Py	Mt	Ilm	Ga	Sp	Other_Mx	Physical_Properties	Comments			
S-LR98-024	1352	24K7	19	83	521057	6467953	Paragneiss	biotite	Fine	Gneissic		Ep																	
S-LR98-025	1352	24K7	19	83	520942	6466968	Paragneiss	biotite	Fine	Gneissic		Ep																	
S-LR98-176	1352	24K7	19	83	508687	6471132	Paragneiss	biotite							Disseminated				tr										
S-LR98-177	1352	24K7	19	83	509386	6470838	Alkali-feldspar q	grenat		Massive																			
S-LR98-178	1352	24K7	19	83	510033	6470433	Paragneiss	biotite		Gneissic	biotite																		
S-LR98-179	1352	24K7	19	83	510044	6470608	Paragneiss	biotite		Gneissic	biotite			300	Disseminated	10								Magnetic+++					
S-LR98-180	1352	24K7	19	83	513418	6468347	Gabbro		Fine	Gneissic				250	60										5-7% mineral metalique pas magnetique				
S-LR98-181	1352	24K7	19	83	514105	6468289	Paragneiss	biotite	Fine	Gneissic				215	60														
S-LR98-182	1352	24K7	19	83	514289	6468091	Paragneiss	biotite	Fine	Gneissic																			
S-LR98-183	1352	24K7	19	83	514222	6467633	Gneiss	biotite	Coarse	Gneissic															Magnetic+				
S-PL98-093	1352	24K7	19	83	514663	6474187	Pegmatite	tourmaline	Coarse	Massive	biotite																		
S-PL98-084	1352	24K7	19	83	515104	6474425	Gneiss								Disseminated	2			3							gossan d' environ 1 km de long			
S-PL98-085	1352	24K7	19	83	515611	6474366	Gneiss																			gossan			
S-PL98-086	1352	24K7	19	83	515733	6474321	Gneiss																				gossan		
S-PL98-087	1352	24K7	19	83	516049	6474028	Granite		Coarse	Massive																	a la limite pegmatite		
S-PL98-088	1352	24K7	19	83	516178	6473850	Granite		Coarse	Massive																	a la limite pegmatite		
S-PL98-089	1352	24K7	19	83	516247	6473714	Granite		Coarse	Massive																	a la limite pegmatite		
S-PL98-090	1352	24K7	19	83	516505	6472681	Granite-gneiss		Medium	Gneissic				215															
S-PL98-091	1352	24K7	19	83	516488	6472485	Granite-gneiss		Medium	Gneissic					Disseminated										trace MO	mineralisation dans la partie riche en quartz			
S-PL98-092	1352	24K7	19	83	516474	6472186	Granite		Coarse	Massive																			
S-PL98-093	1352	24K7	19	83	516572	6472053	Granite		Coarse	Massive																			
S-PL98-094	1352	24K7	19	83	516597	6471872	Granite		Coarse	Massive																			
S-PL98-095	1352	24K7	19	83	516855	6470814	Granite-gneiss		Medium	Gneissic																			
S-PL98-096	1352	24K7	19	83	517748	6470354	Gneiss	graphite	Medium	Gneissic					Disseminated													certains endroits plus pegmatitique	
S-PL98-097	1352	24K7	19	83	518118	6470195	Gneiss	graphite(?)	Medium	Gneissic																		foliation est tres variable	
S-PL98-098	1352	24K7	19	83	518371	6469991	Gneiss	biotite	Fine	Gneissic																		foliation tres variable, bandes plus mafiques	
S-JM98-051	1353	24M7	19	83	394722	6592436	Orthogneiss	garnetiferous	Medium	Gneissic	garnet/biotite																	no sulphide, small oxydation.	
S-JM98-052	1353	24M7	19	83	394370	6592501	Granite		Medium	Gneissic	biotite																	Magnetic++	
S-JM98-053	1353	24M7	19	83	393934	6592171	Gabbro		Medium	Massive																		Magnetic++	
S-JM98-054	1353	24M7	19	83	393612	6591813	Granite		Medium	Gneissic	biotite																	Magnetic++	
S-JM98-055	1353	24M7	19	83	392762	6591177	Tonalite		Coarse	Massive																		no magnetism, no mineralisation.	
S-JM98-056	1353	24M7	19	83	392233	6590843	Granite		Medium	Gneissic	biotite																	Magnetic++	
S-JM98-057	1353	24M7	19	83	391897	6590669	Amphibolite		Fine	Massive	hornblende																	Magnetic	
S-JM98-058	1353	24M7	19	83	391734	6590461	Amphibolite	garnetiferous	Medium	Massive	garnet/biotite/hornblende				Disseminated				tr									Magnetic	
S-JM98-059	1353	24M7	19	83	390879	6590133	Granite		Coarse	Massive	biotite																	Magnetic++	
S-JM98-060	1353	24M7	19	83	390435	6589337	Pyroxenite		Fine	Massive																		Magnetic++	
S-JM98-061	1353	24M7	19	83	390398	6588690	Amphibolite		Medium	Massive																		Magnetic	
S-JM98-062	1353	24M7	19	83	390300	6588252	Granodiorite		Coarse																				Magnetic
S-JM98-063	1353	24M7	19	83	388226	6588566	Gneiss	magnetic	Fine	Massive																		Magnetic++	
S-JM98-064	1353	24M7	19	83	386770	6588037	Granodiorite		Coarse						Disseminated	5												Magnetic	
S-JM98-065	1353	24M6	19	83	385834	6587512	Granodiorite	pyroxenitic	Coarse	Massive																		Magnetic	
S-JM98-066	1353	24M6	19	83	383237	6583792	Granodiorite	pyroxenitic	Coarse	Massive					Disseminated				tr									Magnetic	
S-JM98-067	1353	24M6	19	83	383467	6583261	Granodiorite	pyroxenitic	Coarse	Massive																		Magnetic	
S-JM98-068	1353	24M6	19	83	383491	6582593	Gabbro		Medium	Massive																			Magnetic++
S-JM98-069	1353	24M6	19	83	382972	6582156	Granodiorite	pyroxenitic	Coarse	Massive					Disseminated				tr									Magnetic	
S-JM98-070	1353	24M6	19	83	382800	6581920	Granodiorite	pyroxenitic	Coarse	Massive																			Magnetic
S-JM98-071	1353	24M6	19	83	383532	6582153	Granite		Coarse	Massive	biotite																		Magnetic++
S-JM98-072	1353	24M6	19	83	383899	6581796	Gabbro		Fine	Massive																			Magnetic++
S-JM98-073	1353	24M6	19	83	384224	6581401	Pyroxenite		Aphanitic						Disseminated				2									Magnetic++	
S-JM98-074	1353	24M6	19	83	384574	6581214	Pyroxenite		Aphanitic						Disseminated				2									Magnetic++	
S-JM98-075	1353	24M6	19	83	384513	6580952	Pyroxenite	silicified	Fine						Disseminated				2									Magnetic	
S-JM98-076	1353	24M6	19	83	384309	6580567	Quartz vein		Coarse	Homogeneous																			"metallic" alteration.
S-JM98-077	1353	24M6	19	83	383970	6580611	Gneiss		Medium	Gneissic																			Magnetic++
S-JM98-078	1353	24M6	19	83	383633	6580588	Gabbro		Fine	Massive																			Magnetic++
S-JM98-079	1353	24M6	19	83	382047	6580402	Granite	pyroxenitic	Medium																				Magnetic
S-JM98-080	1353	24M6	19	83	380309	6579851	Granite	pyroxenitic	Coarse	Massive																			Magnetic++
S-JM98-081	1353	24M6	19	83	384405	6577358	Granite	biotitic	Coarse	Massive	biotite																		Magnetic++
S-JM98-082	1353	24M6	19	83	384215	6577288	Gabbro		Medium	Massive																			Magnetic++
S-JM98-083	1353	24M6	19	83	383812	6577185	Amphibolite		Medium	Massive																			









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ID Station	Area	NTS	Zon	(Nad)	Easting	Northing	Rock Faces	Rock Modifier	Grain Siz	Texture	Metamorphic_Mx	Alteration_Mx	Direction	Dip	Mineralization	Po	Pn	Cp	Py	Mt	Ilm	Ga	Sp	Other_Mx	Physical Properties	Comments	
S-LR98-187	1354	24M13	19	83	332869	6642308	Granite	biotitic	Medium	Massive	biotite																
S-LR98-188	1354	24M13	19	83	332508	6641307	Granite	biotitic	Medium	Massive	biotite																
S-LR98-189	1354	24M13	19	83	332059	6640299	Granite	biotitic	Medium	Massive	biotite																
S-LR98-190	1354	24M13	19	83	332020	6639982	Granite	biotitic	Coarse	Massive	biotite																
S-LR98-191	1354	34P16	18	83	667820	6639506	Granite	biotitic	Coarse	Massive	biotite																
S-LR98-192	1354	34P16	18	83	667200	6639328	Granite	biotitic	Coarse	Massive	biotite																
S-LR98-193	1354	34P16	18	83	666713	6639119	Granite	biotitic	Coarse	Massive	biotite																
S-LR98-194	1354	34P16	18	83	666122	6639158	Pyroxenite		Aphanitic	Massive					Disseminated								tr Hm.		visible brownish alteration on surface.		
S-PL98-101	1354	34P16	18	83	665774	6636491	Granite		Fine	Massive																	
S-PL98-102	1354	34P16	18	83	663906	6636673	Gneiss	granitic	Coarse	Gneissic			320	88													
S-PL98-103	1354	34P16	18	83	665990	6636758	Gneiss	granitic	Coarse	Gneissic																	
S-PL98-104	1354	34P16	18	83	666109	6636867	Gabbro	biotitic	Coarse	Massive	biotite/chlorite	Chlorite														slightly altered.	
S-PL98-105	1354	34P16	18	83	666167	6636940	Gabbro	biotitic	Coarse	Massive	biotite/chlorite	Chlorite														more altered.	
S-PL98-106	1354	34P16	18	83	666318	6637024	Gneiss	granitic	Coarse	Gneissic																waving foliation.	
S-PL98-107	1354	34P16	18	83	666414	6637130	Gneiss	granitic	Coarse	Gneissic																	
S-PL98-108	1354	34P16	18	83	666508	6637643	Gneiss	granitic	Coarse	Gneissic																	
S-PL98-109	1354	34P16	18	83	666564	6637699	Gneiss	granitic	Medium	Gneissic																	
S-PL98-110	1354	34P16	18	83	666657	6637873	Gneiss	granitic	Medium	Gneissic																	
S-PL98-111	1354	34P16	18	83	667003	6638243	Gneiss	granitic	Medium	Gneissic																	
S-PL98-071	1354	24M13	19	83	344097	6645875	Gneiss	granitic	Medium	Gneissic																	
S-PL98-072	1354	24M13	19	83	343922	6645420	Gneiss	granitic	Medium	Gneissic																	
S-PL98-073	1354	24M13	19	83	343656	6645192	Granite		Medium	Massive				Ep+													
S-PL98-074	1354	24M13	19	83	343047	6644820	Gneiss	granitic	Medium	Gneissic																	
S-PL98-075	1354	24M13	19	83	342114	6644572	Gneiss	granitic	Medium	Gneissic																	
S-PL98-076	1354	24M13	19	83	341864	6644317	Gneiss	granitic	Medium	Gneissic																	
S-PL98-077	1354	24M13	19	83	340638	6643524	Gneiss	granitic	Medium	Gneissic				Ep+													
S-PL98-078	1354	24M13	19	83	336567	6642581	Gneiss	granitic	Coarse	Gneissic			340	80													
S-PL98-079	1354	24M13	19	83	335816	6642361	Gneiss	granitic	Coarse	Gneissic																	
S-JM98-028	1355	24I2	20	83	415168	6426242	Orthogneiss	granodioritic	Fine	Gneissic				Ep												silicification.	
S-JM98-029	1355	24I2	20	83	414682	6426260	Gabbro		Fine	Massive																in contact with a meta-granodioritic rock. contains coarse quartz veins.	
S-JM98-030	1355	24I2	20	83	413124	6425718	Gneiss	biotite/garnet	Fine	Gneissic	biotite/garnet																
S-JM98-031	1355	24I2	20	83	412932	6425876	Pegmatite	granitic	Pegmatitic											tr						Magnetic	
S-JM98-032	1355	24I2	20	83	411760	6424969	Orthogneiss	granodioritic	Medium	Saccharoidal																traces of sulphides ?	
S-JM98-033	1355	24I2	20	83	407050	6424654	Orthogneiss	granodioritic	Fine	Saccharoidal				Ep							tr					Magnetic	
S-JM98-034	1355	24I2	20	83	406329	6426048	Pyroxenite		Fine	Massive																Magnetic++	
S-JM98-035	1355	24I2	20	83	405839	6426764	Orthogneiss	granodioritic	Fine	Saccharoidal				Ep												Magnetic+	
S-JM98-036	1355	24I2	20	83	405500	6427474	Orthogneiss	granodioritic	Medium	Saccharoidal				Ep												Magnetic+	
S-JM98-037	1355	24I2	20	83	404222	6429056	Gneiss	biotite/garnet	Fine	Gneissic	biotite/garnet																
S-JM98-038	1355	24I2	20	83	407384	6424803	Orthogneiss	biotite	Coarse	Gneissic	biotite																Magnetic
S-JM98-039	1355	24I2	20	83	406751	6426376	Pyroxenite		Medium	Massive																	Magnetic++
S-JM98-040	1355	24I2	20	83	406726	6426682	Paragneiss	biotite/graphite	Medium	Gneissic	biotite																biotite-rich orthogneiss.
S-JM98-041	1355	24I2	20	83	405792	6427259	Gneiss	biotite	Fine	Gneissic																	pyroxenitic dyke @ 335 80
S-JM98-042	1355	24I2	20	83	405480	6427948	Paragneiss	biotite/graphite	Coarse	Gneissic	biotite																large gossan structure near. gossan with no mineralisation.
S-JM98-043	1355	24I2	20	83	404263	6429103	Gneiss	granitic	Coarse	Gneissic																	Magnetic++
S-JM98-044	1355	24H15	20	83	409195	6428782	Orthogneiss	biotite	Medium	Gneissic	biotite											tr					no mineralisation.
S-JM98-045	1355	24H15	20	83	407166	6427731	Orthogneiss	biotite	Medium	Gneissic	biotite																Magnetic
S-JM98-046	1355	24H15	20	83	405444	6427451	Orthogneiss	biotite	Fine	Gneissic	biotite																Magnetic+
S-JM98-047	1355	24H15	20	83	405173	6427425	Gneiss	magnetic	Fine	Saccharoidal				Ep													presence of small magnetite layers.
S-JM98-048	1355	24H15	20	83	404927	6427378	Orthogneiss	biotite/garnet	Fine	Gneissic	biotite/garnet																extremely magnetic. no mineralisation.
S-JM98-049	1355	24H15	20	83	404128	6427118	Orthogneiss	biotite	Medium	Gneissic	biotite																Magnetic+
S-JM98-050	1355	24H15	20	83	405989	6428596	Paragneiss	biotite	Fine	Gneissic	biotite																Magnetic+
S-LR98-026	1355	24H16	20	83	415289	6425764	Gneiss	granodioritique	Medium	Gneissic	epidote			Ep+	315	43											presence of small biotite layers.
S-LR98-027	1355	24H16	20	83	414494	6425105	Paragneiss	biotite, grenat	Medium	Gneissic	biotite, grenat				325	70											Magnetic++
S-LR98-028	1355	24H16	20	83	413861	6424741	Paragneiss	biotite, grenat	Medium	Gneissic	biotite, grenat				Disseminated				1								Magnetic+
S-LR98-029	1355	24H16	20	83	413620	6425042	Granite-gneiss	biotite	Medium	Gneissic	biotite, grenat				Disseminated				1								Magnetic++
S-LR98-030	1355	24H16	20	83	412344	6424965	Pyroxenite		Medium	Massive	biotite				Disseminated												Magnetic+++
S-LR98-031	1355	24H15	20	83	410583	6424208	Granite-gneiss			Gneissic					Disseminated												Magnetic+++
S-LR98-032	1355	24H15	20	83	407050	6424654	Gneiss	gabbroic	Fine	Gneissic					315	80											Magnetic+++
S-LR98-033	1355	24H15	20	83	406329	6426048	Gneiss	gabbroic	Fine	Gneissic																	Magnetic+++
S-LR98-034	1355	24H15	20	83	405839	6426764	Gneiss	gabbroic	Fine	Gneissic																	Magnetic+++
S-LR98-035	1355	24H15	20	83	405500	6427474	Pyroxenite			Massive	grenat																Magnetic++
S-LR98-036	1355	24H15	20	83	404222	6429056	Orthogneiss		Medium	Gneissic	biotite																Magnetic++
S-LR98-037	1355	24I2	20	83	399894	6434552	Orthogneiss			Gneissic				290	24												Magnetic++
S-LR98-038	1355	24I2	20	83	401289	6434096	Paragneiss	biotite	Fine	Gneissic	biotite																plisse
S-LR98-039	1355	24I2	20	83	403140	6433274	Orthogneiss		Fine	Gneissic	ankerite??																Magnetic+
S-LR98-040	1355	24I2	20	83	400579	6431259	Granite-gneiss	biotite	Fine	Gneissic	biotite																Magnetic+++
S-LR98-041	1355	24H15	20	83	416660	6522828	Paragneiss	biotite	Fine	Gneissic	biotite				345	70											
S-LR98-042	1355	24H15	20	83	415370	6522816	Granite-gneiss		Medium	Gneissic																	
S-LR98-043	1355	24H15	20	83	413888	6521941	Gneiss	quartzfeldspath	Medium	Gneissic																	legere hematization
S-LR98-044	1355	24H15	20	83	413762	6521921	Orthogneiss</																				



## GEOLOGICAL STATIONS

ID Station	Area	NTS	Zon	Nad	Easting	Northng	Rock	Faces	Rock_Modifier	Grain_Sz	Texture	Metamorphic_Mx	Alteration_Mx	Direction	Dip	Mineralization	Po	Pn	Cp	Py	Mt	Ilm	Ga	Sp	Other_Mx	Physical_Properties	Comments			
S-LR98-100	1357	25D3	19	83	364288	6668956	Granite	biotitic	Medium	Massive	biotite																			
S-LR98-101	1357	25D3	19	83	363909	6667710	Granite	biotitic	Medium	Massive	biotite																			
S-LR98-102	1357	25D3	19	83	363367	6666311	Granite	biotitic	Medium	Massive	biotite																			
S-LR98-103	1357	25D3	19	83	374311	6663860	Granite	biotitic	Medium	Massive	biotite					Disseminated			0		10					Magnetic++				
S-LR98-104	1357	25D3	19	83	373905	6664328	Granite	biotitic	Medium	Massive	biotite										10					Magnetic++	absence of pyrite.			
S-LR98-106	1357	25D3	19	83	373745	6664991	Basalt		Aphanitic	Massive																	slightly silicified and carbonatised.			
S-LR98-106	1357	25D3	19	83	372613	6664908	Granite	biotitic	Medium	Massive	biotite																no sulphide, no magnetism.			
S-LR98-107	1357	25D3	19	83	371497	6665164	Granite	biotitic	Medium	Massive	biotite																			
S-LR98-108	1357	25D3	19	83	371411	6665539	Gabbro		Medium	Massive																		slightly carbonatised.		
S-LR98-109	1357	25D3	19	83	369990	6665789	Granite	biotitic	Medium	Massive	biotite																			
S-LR98-110	1357	25D3	19	83	368709	6666140	Gneiss	granitic	Medium	Gneissic	biotite															163	74			
S-LR98-111	1357	25D3	19	83	367983	6666056	Granite		Medium	Massive																		Magnetic+		
S-LR98-111	1357	25D3	19	83	367879	6666056	Granite		Medium	Massive																		Magnetic+		
S-LR98-112	1357	25D3	19	83	367879	6666056	Granite		Medium	Massive																		Magnetic+		
S-LR98-113	1357	25D3	19	83	366962	6665951	Gneiss	granitic	Medium	Gneissic	biotite																	Magnetic++		
S-LR98-114	1357	25D3	19	83	365906	6665846	Granite		Medium	Fluidal																60	68	Magnetic+		
S-LR98-115	1357	25D3	19	83	365176	6665908	Granite		Medium	Massive																60	68	Magnetic+		
S-LR98-116	1357	25D3	19	83	364898	6665873	Granite		Medium	Massive																		Magnetic+		
S-LR98-117	1357	25D3	19	83	364179	6665878	Granite		Medium	Massive																				
S-LR98-118	1357	25D3	19	83	373555	6660936	Granite		Medium	Massive																		Magnetic		
S-LR98-119	1357	25D3	19	83	373174	6662167	Granite		Medium	Massive																				
S-LR98-120	1357	25D3	19	83	373132	6662322	Granite		Medium	Massive																				
S-LR98-121	1357	25D3	19	83	372807	6662733	Granite		Medium	Massive																				
S-LR98-122	1357	25D3	19	83	372724	6662854	Granite		Medium	Massive																				
S-LR98-123	1357	25D3	19	83	372556	6663068	Granite		Medium	Fluidal																180	45			
S-LR98-124	1357	25D3	19	83	372563	6662825	Gabbro		Fine	Massive																		Magnetic+		
S-LR98-125	1357	25D3	19	83	372191	6663157	Granite		Medium	Massive																				
S-LR98-126	1357	25D3	19	83	371166	6663195	Granite		Medium	Massive																				
S-LR98-127	1357	25D3	19	83	370863	6663203	Granite		Coarse	Massive																		Magnetic		
S-LR98-128	1357	25D3	19	83	369536	6663419	Granite		Medium	Fluidal																	315	76		
S-LR98-129	1357	25D3	19	83	368705	6662956	Monzonite		Fine	Massive																				
S-LR98-130	1357	25D3	19	83	368127	6663045	Granite	biotitic	Medium	Massive																		Magnetic+		
S-LR98-131	1357	25D3	19	83	366863	6663122	Gabbro	renolithic	Medium	Massive	biotite/chlorite																	Magnetic		
S-LR98-132	1357	25D3	19	83	365924	6662986	Granite	biotitic	Medium	Massive																			Magnetic	
S-LR98-133	1357	25D3	19	83	364358	6663236	Gabbro		Fine	Massive																	42	72		
S-LR98-134	1357	25D3	19	83	364084	6663223	Gabbro		Fine	Massive																			highly oxidized.	
S-LR98-135	1357	25D3	19	83	363809	6663155	Granite	biotitic	Medium	Massive																			local oxydation.	
S-LR98-206	1358	34I3	18	83	616758	6445281	Gabbro		Fine	Foliated																				
S-LR98-207	1358	34I3	18	83	616896	6445208	Tonalite	biotitic	Medium	Foliated	biotite/muscovite																			
S-LR98-208	1358	34I3	18	83	617079	6444633	Gabbro		Medium	Massive																				
S-LR98-209	1358	34I3	18	83	617150	6444556	Gabbro		Medium	Foliated																			in contact with tonalitic unit.	
S-LR98-210	1358	34I3	18	83	617274	6444404	Tonalite	biotitic	Medium	Foliated																				
S-LR98-211	1358	34I3	18	83	617504	6443898	Tonalite	biotitic	Medium	Massive																				
S-LR98-212	1358	34I3	18	83	617747	6443782	Gabbro		Aphanitic	Foliated																	142	62	Disseminated	
S-LR98-213	1358	34I3	18	83	617779	6443504	Peridotite		Aphanitic	Foliated																	200	72	Chlorite	
S-LR98-214	1358	34I3	18	83	617578	6442854	Tonalite	biotitic	Medium	Foliated	biotite/muscovite																		taic aspect, intense deformation.	
S-LR98-215	1358	34I3	18	83	617534	6442596	Tonalite		Medium	Foliated	biotite/muscovite																		Chlorite	
S-LR98-216	1358	34I3	18	83	617176	6442119	Gabbro		Coarse	Massive	muscovite/amphibole																			
S-LR98-217	1358	34I3	18	83	616636	6441728	Gabbro		Coarse	Foliated																		308	76	
S-LR98-218	1358	34I3	18	83	616354	6441473	Basalt		Aphanitic	Foliated																		335	78	
S-LR98-219	1358	34I3	18	83	615989	6440951	Tonalite		Medium	Foliated																		145	78	
S-LR98-220	1358	34I3	18	83	615874	6440472	Rhyolite		Aphanitic	Porphyritic																				feldspar phenocrysts.
S-LR98-221	1358	34I2	18	83	621687	6451201	Tonalite		Medium	Massive																			Magnetic	
S-LR98-222	1358	34I2	18	83	621650	6450886	Tonalite	biotitic	Medium	Massive	biotite																			Magnetic
S-LR98-223	1358	34I2	18	83	621206	6450307	Tonalite	biotitic	Fine	Massive	biotite																			Chlorite
S-LR98-224	1358	34I2	18	83	620754	6449641	Tonalite	biotitic	Medium	Massive	biotite																			
S-LR98-225	1358	34I2	18	83	620025	6449411	Tonalite	biotitic	Medium	Massive	biotite																			
S-LR98-226	1358	34I2	18	83	619479	6449720	Tonalite	biotitic	Fine	Foliated	biotite																296	73		
S-LR98-227	1358	34I2	18	83	619067	6449251	Tonalite	biotitic	Fine	Foliated	biotite																	308	70	
S-LR98-228	1358	34I2	18	83	618545	6449076	Tonalite	biotitic	Fine	Foliated	biotite																	31	48	presence of deformed quartz grains.
S-LR98-229	1358	34I2	18	83	618231	6448846	Pegmatite	tonalitic	Coarse	Pegmatic	biotite																			
S-LR98-230	1358	34I2	18	83	617891	6448753	Pyroxenite		Fine	Massive	biotite																			
S-LR98-231	1358	34I2	18	83	617746	6448779	Basalt		Aphanitic	Foliated																				
S-LR98-232	1358	34I3	18	83	617528	6448791	Basalt		Aphanitic	Foliated																		348	69	Veins
S-LR98-233	1358	34I3	18	83	617206	6448735	Rhyolite		Aphanitic	Foliated																				
S-LR98-234	1358	34I3	18	83	616363	6448604	Pyroxenite		Aphanitic	Massive																				Magnetic++
S-LR98-235	1358	34I3	18	83	616080	6448542	Rhyolite		Aphanitic	Foliated	biotite																			
S-LR98-236	1358	34I3	18	83	615173	6447943	Rhyolite		Aphanitic	Foliated																				







## GEOLOGICAL STATIONS

ID_Station	Area	NTS	Zon	[Nad]	Eastng	Northng	Rock_Facies	Rock_Modifier	Grain_Siz	Texture	Metamorphic_Mx	Alteration_Mx	Directio	Dip	Mineralization	Po	Pn	Pc	Py	Mt	Im	Ga	Sp	Other_Mx	Physical_Properties	Comments		
S-PL98-155	1358	3413	18	83	611923	6449284	Tonalite		Medium	Massive	biotite																	
S-IL98-001	KUUUUJUAQ	24K7	19	83	524558	6484328	Gneiss	garnet	Medium	Gneissic	garnet/biotite																	
S-IL98-002	KUUUUJUAQ	24K10	19	83	524281	6484536	Gneiss	garnet	Medium	Gneissic	garnet/biotite				Disseminated	2									Magnetic			
S-IL98-003	KUUUUJUAQ	24K10	19	83	522892	6485064	Gneiss	biotitic/garnet	Coarse	Homogeneous	garnet/biotite																	
S-IL98-004	KUUUUJUAQ	24K10	19	83	521553	6489918	Gabbro		Fine	Massive	garnet/biotite																	
S-IL98-006	KUUUUJUAQ	24K10	19	83	527593	6484738	Gneiss		Medium	Gneissic	biotite				Disseminated	tr												
S-IL98-007	KUUUUJUAQ	24K7	19	83	525988	6470471	Gneiss	biotitic	Coarse	Gneissic	biotite															contains rusty mafic endaves.		
S-IL98-008	KUUUUJUAQ	24K7	19	83	520344	6468497	Gneiss	biotitic	Coarse	Gneissic	biotite				Disseminated	2										presence of a oxidised sheared zone.		
S-IL98-009	KUUUUJUAQ	24K7	19	83	518461	6471073	Gneiss	garnet	Medium	Gneissic	garnet/biotite															presence of a large gossan (km scale).		
S-IL98-010	KUUUUJUAQ	24K7	19	83	514966	6474468	Gneiss	biotitic	Medium	Gneissic	biotite/garnet															strongly altered.		
S-IL98-011	KUUUUJUAQ	24K7	19	83	508869	6482652	Gabbro		Fine	Massive																		
S-PL98-001	KUUUUJUAQ	24K7	19	83	514674	6475231	Gneiss	biotitic	Medium	Gneissic																		
S-PL98-002	KUUUUJUAQ	24K10	19	83	522081	6490128	Gossan	(boulder)							Disseminated		tr											
S-PL98-003	KUUUUJUAQ	24N3	19	83	485174	6553205	Gneiss	quartzofeldspath	Medium	Gneissic	biotite																	
S-PL98-004	KUUUUJUAQ	24N3	19	83	485799	6549904	Gneiss	quartzofeldspath	Medium	Gneissic	biotite				Disseminated	tr												
S-PL98-005	KUUUUJUAQ	24N3	19	83	485205	6549260	Gneiss	quartzofeldspath	Medium	Gneissic	biotite				Disseminated	1												
S-PL98-006	KUUUUJUAQ	24N3	19	83	485085	6549573	Gneiss		Medium	Gneissic					Disseminated	tr										moderately altered.		
S-PL98-007	KUUUUJUAQ	24N3	19	83	483673	6544160	Gneiss	biotitic	Medium	Gneissic	biotite																	
S-PL98-008	KUUUUJUAQ	24N3	19	83	485781	6543325	Gossan																			strongly oxidized, sheared.		
S-PL98-009	KUUUUJUAQ	24N3	19	83	490787	6545558	Gabbro		Medium	Foliated																		
S-PL98-010	KUUUUJUAQ	24N3	19	83	489751	6543975	Gneiss	biotitic	Fine	Gneissic	biotite/garnet/hornblende				Disseminated	tr												
S-PL98-011	KUUUUJUAQ	24N3	19	83	489701	6544312	Gneiss	graphitic		Gneissic	biotite												graphite			km scale gossan SSO-NNE.		
S-PL98-012	KUUUUJUAQ	24J7	19	83	630235	6463771	Pyroxenite		Coarse	Massive					Disseminated	tr												
S-PL98-013	KUUUUJUAQ	24J7	19	83	629957	6463853	Pyroxenite		Medium	Massive					Disseminated	2												
S-PL98-014	KUUUUJUAQ	24J7	19	83	630118	6463770	Gneiss		Fine	Gneissic	biotite/amphibole																	
S-PL98-015	KUUUUJUAQ	24J7	19	83	612911	6442258	Peridotite		Medium	Brecciated																	granitic matrix.	
S-PL98-016	KUUUUJUAQ	24J7	19	83	612555	6442803	Gneiss		Coarse	Gneissic																		
S-PL98-017	KUUUUJUAQ	24J3	19	83	613029	6441904	Peridotite		Medium	Brecciated					Disseminated	1												
S-PL98-018	KUUUUJUAQ	24K1	19	83	514762	6464126	Gneiss	biotitic	Medium	Gneissic	biotite																km scale gossan	
S-PL98-019	KUUUUJUAQ	24K1	19	83	531417	6437436	Gneiss	garnet	Fine	Gneissic	biotite/garnet												graphite					
S-PL98-020	KUUUUJUAQ	24K7	19	83	505274	6481027	Gneiss	garnet	Fine	Gneissic	biotite/garnet																	
S-PL98-021	KUUUUJUAQ	24K11	19	83	471192	6507107	Gneiss		Fine	Gneissic																	metapelite.	
S-PL98-022	KUUUUJUAQ	24K11	19	83	472441	6485532	Gabbro		Fine	Massive					Disseminated	3												
S-PL98-023	KUUUUJUAQ	24K11	19	83	472167	6484657	Gabbro		Fine	Massive					Disseminated	1											moderately sheared.	
S-PL98-024	KUUUUJUAQ	24K11	19	83	473015	6484961	Gabbro		Fine	Massive					Disseminated	1											Magnetic	
S-PL98-025	KUUUUJUAQ	24K6	19	83	494434	6459415	Schist	mafic	Aphanitic	Schistose																		
S-PL98-026	KUUUUJUAQ	24K6	19	83	495366	6459194	Schist	chloritic	Aphanitic	Schistose	chlorite				Disseminated	2											folded and deformed.	
S-PL98-027	KUUUUJUAQ	24K7	19	83	511787	6471346	Gabbro		Medium	Massive																		
S-PL98-028	KUUUUJUAQ	24L10	19	83	398474	6466849	Monzonite		Medium	Massive																		
S-PL98-029	KUUUUJUAQ	24L10	19	83	395939	6491945	Gabbro		Medium	Massive					Disseminated	1												
S-PL98-030	KUUUUJUAQ	24L7	19	83	389634	6482854	Granite		Medium	Massive																		
S-IL98-200	NEDLOUC	34I2	18	83	619675	6439806	Pyroxenite		Fine	Massive																		
S-IL98-201	NEDLOUC	34I3	18	83	617307	6442575	Tonalite		Coarse	Massive																		
S-IL98-202	NEDLOUC	34I3	18	83	609981	6453469	Peridotite		Fine	Massive																		
S-IL98-203	NEDLOUC	34I2	18	83	629797	6452698	Tonalite	biotitic	Medium	Massive	biotite		Serpentine														Magnetic++	
S-IL98-204	NEDLOUC	34I4	18	83	669670	6405143	Gneiss	graphitic	Fine	Gneissic														graphite				
S-IL98-205	NEDLOUC	34I1	18	83	664770	6442395	Pegmatite		Coarse	Pegmatitic					Disseminated			3									sulphides located in a small rusty zone.	
S-IL98-239	NEDLOUC	34I8	18	83	549462	6477308	Gabbro		Fine	Massive					Disseminated												Magnetic	
S-IL98-240	NEDLOUC	34I7	18	83	515125	6478762	Gabbro		Coarse	Massive					Disseminated	5		tr									Magnetic+	
S-IL98-241	NEDLOUC	34I7	18	83	517106	6461741	Monzogabbro		Medium	Massive					Disseminated												Magnetic+	
S-IL98-242	NEDLOUC	34J1	18	83	542944	6406804	Gneiss	tonalitic	Medium	Gneissic	biotite/garnet		305	54	Disseminated			tr										
S-IL98-243	NEDLOUC	34G9	18	83	537740	6397067	Gabbro		Fine	Foliated	biotite				Disseminated	tr		tr									Magnetic	
S-IL98-244	NEDLOUC	34I2	18	83	538200	6393900	Gneiss	biotitic	Fine	Gneissic	biotite																	
S-JMS98-115	NEDLOUC	24E12	19	83	699707	6388468	Gabbro		Fine	Massive					Disseminated				tr								Magnetic++	
S-JMS98-116	NEDLOUC	24E5	19	83	695887	6364817	Gneiss	garnet	Medium	Gneissic	biotite/garnet				Disseminated	2		1									dike 275N	
S-JMS98-117	NEDLOUC	24E5	19	83	689141	6367925	Gneiss	mafic	Aphanitic	Gneissic	biotite/garnet																	
S-JMS98-118	NEDLOUC	24E5	19	83	686991	6373820	Gabbro		Fine	Massive																		
S-JMS98-119	NEDLOUC	24E5	19	83	702478	6357420	Gneiss	garnet	Medium	Gneissic	biotite/garnet				Disseminated				tr								Magnetic+	
S-JMS98-120	NEDLOUC	24E7	19	83	750400	6357784	Rhyodacite		Aphanitic	Porphyritic																		moderate oxidation.
S-IL98-075	TASNIUP	35A8	18	83	318337	6685349	Syenite		Coarse	Massive					Disseminated													





## GEOLOGICAL STATIONS

ID_Station	Area	NTS	Zon	Nadj	Easting	Northing	Rock_Facies	Rock_Modifier	Grain_Siz	Texture	Metamorphic_Mx	Alteration_Mx	Direcion	Dip	Mineralization	Poj	Pn	Cp	Pyl	Mt	Ilm	Ga	Sp	Other_Mx	Physical_Properties	Comments	
S-IL98-046	TORNGAT	2416	20	83	369075	6473006	Schist		Fine						Disseminated	tr											
S-IL98-047	TORNGAT	24111	20	83	358756	6488119	Gneiss	biotitic	Fine																		
S-IL98-048	TORNGAT	24112	20	83	353850	6498840	Gneiss	biotitic	Fine																		
S-IL98-049	TORNGAT	24114	20	83	372721	6517767	Gneiss	graphitic	Medium	Gneissic	biotite																
S-IL98-050	TORNGAT	24115	20	83	397489	6515332	Gneiss	graphitic	Medium	Gneissic	biotite																
S-IL98-051	TORNGAT	24110	20	83	409807	6511341	Gneiss	gamet	Medium	Gneissic	gamet																
S-IL98-052	TORNGAT	24110	20	83	411608	6511132	Pyroxenite		Medium	Massive																contains fragments of magnetic pyroxenite.	
S-IL98-053	TORNGAT	2419	20	83	426493	6507637	Peridotite	olivine	Fine	Massive		Serpentine			Disseminated	tr								Magnetic+			
S-IL98-054	TORNGAT	24116	20	83	419591	6515195	Pyroxenite		Medium	Massive																very altered.	
S-IL98-055	TORNGAT	24116	20	83	422353	6522317	Peridotite		Fine	Massive					Disseminated	1											
S-IL98-056	TORNGAT	24116	20	83	422308	6526772	Peridotite	olivine	Fine	Massive																	
S-IL98-057	TORNGAT	24114	20	83	367064	6526047	Gneiss	quartzofeldspath	Medium	Gneissic														graphite	Magnetic+	surface alteration. Near a 10km gossan.	
S-IL98-058	TORNGAT	24114	20	83	372727	6525300	Gneiss	graphitic	Fine	Gneissic	biotite																
S-IL98-059	TORNGAT	24114	20	83	379095	6526080	Gneiss	biotitic	Fine	Gneissic	biotite																
S-IL98-060	TORNGAT	24115	20	83	367164	6527446	Gneiss	biotitic	Fine	Gneissic	biotite																strongly altered.
S-IL98-061	TORNGAT	24115	20	83	395817	6525136	Gneiss	gamet	Medium	Gneissic	gamet													graphite			
S-IL98-062	TORNGAT	24115	20	83	389031	6533668	Gneiss	biotitic	Fine	Gneissic	biotite																
S-IL98-063	TORNGAT	24114	20	83	384191	6538387	Gneiss	gamet	Fine	Gneissic	gamet				Disseminated	2									graphite		
S-IL98-064	TORNGAT	24P3	20	83	374848	6534829	Gneiss	gamet	Medium	Gneissic	gamet														graphite		
S-IL98-065	TORNGAT	24P3	20	83	365323	6553355	Gneiss	biotitic	Fine	Gneissic	biotite																located in an alteration zone.
S-IL98-066	TORNGAT	24P3	20	83	357807	6563324	Gneiss	biotitic	Fine	Gneissic	biotite/gamet														graphite		
S-IL98-067	TORNGAT	24P4	20	83	356777	6568213	Marble		Medium	Massive																	strongly altered.
S-IL98-068	TORNGAT	24P11	20	83	367532	6603090	Gneiss	gamet	Medium	Gneissic	gamet														graphite		
S-IL98-069	TORNGAT	24P11	20	83	373697	6610546	Gneiss	gamet	Medium	Gneissic	gamet														graphite		
S-IL98-070	TORNGAT	24P11	20	83	375621	6610093	Pyroxenite		Medium	Massive					Disseminated	1											brecciated texture and visible sulphides.
S-IL98-071	TORNGAT	24P15	20	83	388805	6626908	Pyroxenite		Medium	Massive																	
S-IL98-072	TORNGAT	24P10	20	83	393236	6611042	Peridotite		Medium	Massive																	
S-IL98-073	TORNGAT	24P10	20	83	414119	6598472	Gabbro		Medium	Massive																	
S-IL98-074	TORNGAT	24P3	20	83	375524	6562102	Gneiss	graphitic	Fine	Gneissic	biotite																
S-PL98-031	TORNGAT	24H16	20	83	425562	6409347	Paragneiss	gamet	Medium	Gneissic	biotite/gamet				Disseminated	tr											presence of a rusty zone with 2% gamet.
S-PL98-032	TORNGAT	24H15	20	83	409574	6422410	Gneiss	quartzofeldspath	Medium	Gneissic	biotite																
S-PL98-033	TORNGAT	24H15	20	83	409808	6422183	Gneiss	quartzofeldspath	Medium	Gneissic	biotite				Disseminated	5		5									mineralised section of the gneiss.
S-PL98-034	TORNGAT	24H15	20	83	399906	6423275	Gneiss	quartzofeldspath	Medium	Gneissic	biotite				Disseminated	5											
S-PL98-035	TORNGAT	24H15	20	83	399773	6423288	Pyroxenite		Medium	Massive					Disseminated	1											Magnetic++ moderately altered.
S-PL98-036	TORNGAT	2418	20	83	425812	6471888	Peridotite		Medium	Massive		Serpentine															hosted by a gamet-bearing gneiss.
S-PL98-037	TORNGAT	24P7	20	83	411943	6570811	Pyroxenite		Medium	Massive					Disseminated	1											moderate alteration.