

GM 45371

REPORT ON 1986 EXPLORATION PROGRAM IN THE LABRADOR TROUGH

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LA FOSSE PLATINUM GROUP INC.

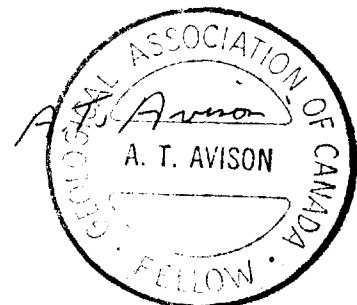
LE GROUPE PLATINE de la FOSSE INC.

REPORT on
1986 EXPLORATION PROGRAM
in the
LABRADOR TROUGH.

by

A.T.AVISON

Ministère de l'énergie et des Ressources
Service de la Géoinformation
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SUMMARY

The potential for platinum group mineralization in the Labrador Trough was investigated in 1986 by a program of sampling of known Cu-Ni occurrences and the prospecting of areas containing basic/ultrabasic rocks. The work was undertaken by La Fosse Platinum Group Inc. The object was to locate areas that warranted more detailed work in future programs. As well, three areas with known gold occurrences were prospected and sampled during the field season.

A total of 1382 samples were taken. All were assayed for platinum. Other elements - Pd, Au, Ag, Cu, Ni, etc. were analysed in some of the samples.

Anomalous platinum group elements and gold were found in several areas in the trough. Resampling of drill core from a Cu-Ni deposit near Retty Lake returned an eight foot sample that analysed 0.2 oz. per ton of platinum plus 1.2 oz./ton paladium. A number of other highly anomalous samples were found in other drill core. Ground geophysics was carried out in this area during the last three weeks of the field season.

INTRODUCTION

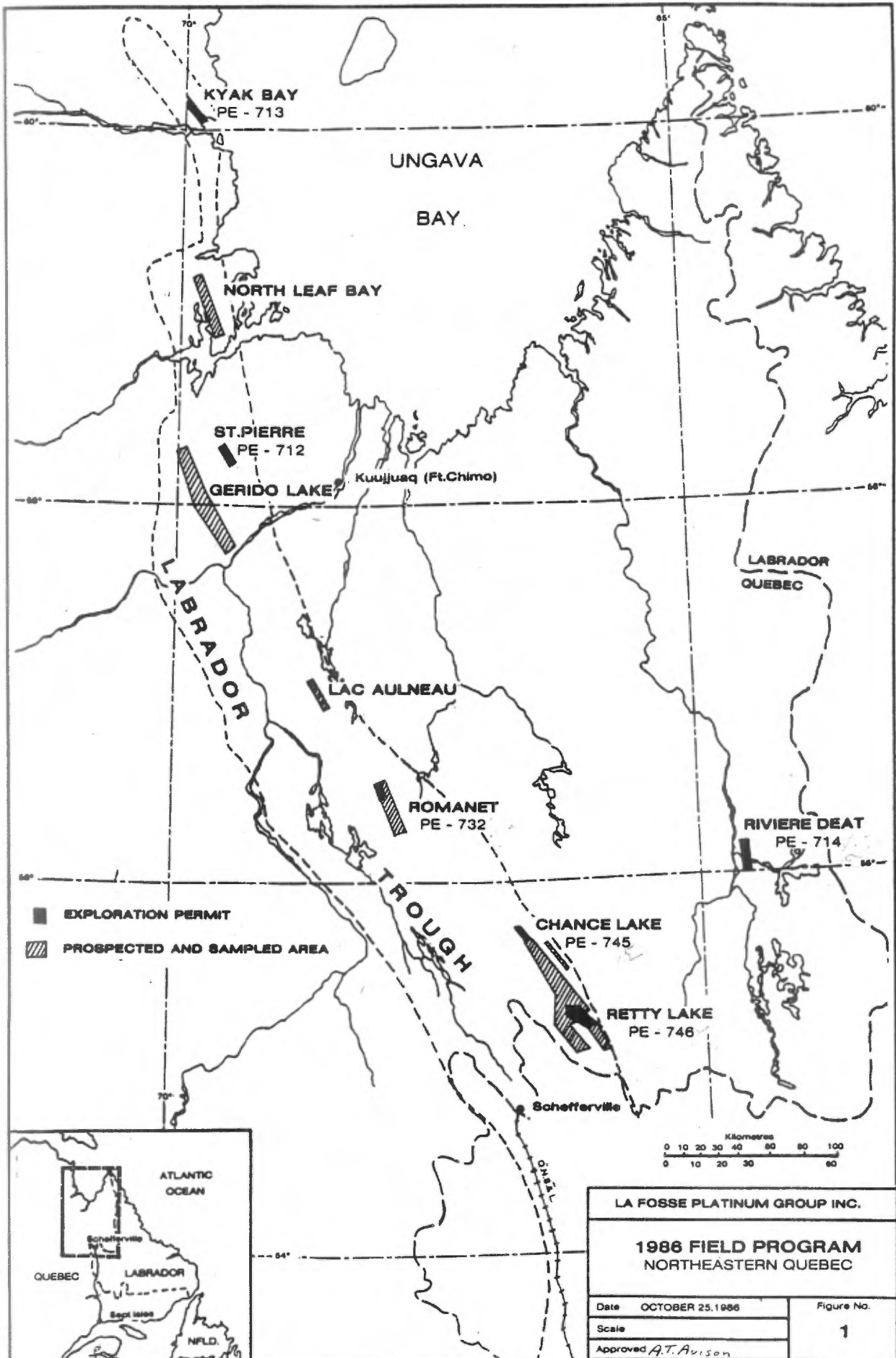
La Fosse Platinum Group Inc. was formed to prospect the Labrador Trough for deposits of platinum group elements. Earlier work had indicated the presence of these metals in several areas but no systematic exploration had been done. In 1986 the Quebec Department of Natural Resources found platinum minerals in the Cape Smith belt (Ungava Trough) which is probably the same age as the Labrador Trough.

Sampling and prospecting by La Fosse was concentrated in the upper formations of the Labrador Trough. These formations comprise gabbros, basalts and some ultrabasic rocks together with interlayered sedimentary horizons.

The field work was carried out between June 2 and September 17 and covered a length of over 650 km of the Trough in northern Quebec.

PROPERTY

La Fosse has been granted or has applied for exploration permits at Kyak Bay, Lake St. Pierre, Mistamisk Lake, Chance Lake, Retty Lake and Riviere Déat. As well, La Fosse has entered into agreements with other companies covering mineral claims and/or permits at Gerido Lake, Lac Aulneau and Lac Romanet.



FIELD WORK

The field work was done by four two-man crews between June 2 and September 17. The crews were supplied from the Hudson Bay Stores in Kuujjuaq (Fort Chimo) and Schefferville. A float equipped beaver aircraft chartered from P.G.L. was used to supply the crews and move camps.

The sampling was guided by data obtained from previous exploration in the Trough by many companies and by published geology reports and maps. The location of samples was referenced to the U.T.M. grid overprinted on the 1:50,000 topographic maps.

Field work extended from Kyak Bay (60°N - 70°W) on the north to Willbob Lake (55°N - 66°W) on the south - a distance of over 650 km. An effort was made to sample all known Cu-Ni occurrences as well as to prospect for new deposits.

Very few analyses for Pt group elements were done by previous explorationists because of the high cost and poor reliability of these analyses. The development of new techniques has lowered the analytical cost and significantly improved the reliability.

All samples were analysed by Assayers (Ontario) Ltd. Check analyses were carried out by Lakefield. Laboratory procedures were checked by an independent consultant. The method used by Assayers is fire assay, with hot nitric acid digestion and atomic adsorption finish.

Every sample was analysed for platinum plus whatever other elements were requested by the field crews. The lab reported other metals that were found in significant amounts by the atomic adsorption even though their analyses had not been requested. This has resulted in the discovery of several anomalous samples that would not have been otherwise found.

In a number of areas, drill core from earlier work had been preserved. Mineralized sections of these cores were resampled if they could be identified. Core from the Blue Lake area near Retty Lake yielded the highest values obtained in the program. Between August 29 and September 17, a six man crew rechaind the 1966 grid at Blue Lake and carried out an E-M survey. Detailed geology/ mapping was done in the grid area at the same time.

REGIONAL GEOLOGY

The Labrador Trough is part of the circum-Ungava geosyncline which is a group of Proterozoic rocks that surround the Archaen Ungava craton. The Labrador Trough runs from southwest of Fermont to 60 km north of Payne Bay - a distance of over 900 km. The southern part of the trough is accessible by railway from Sept Isles and Port Cartier on the Gulf of St. Lawrence. The northern part can be reached by ocean freighter during the summer months (July - October).

The lowest (oldest) rocks in the trough are primarily shallow water sediments with a minor volcanic component. These sediments are exposed along the western side of the trough and contain the major iron ore deposits that are being exploited today.

The sedimentary rocks (Knob Lake Group) are overlain by a volcanic/igneous assemblage which contains subordinate amounts of sediments. This upper group (Doublet Group) includes intrusive gabbro and ultrabasic sills as well as volcanic rocks. It was deposited further offshore, in deeper water than the Knob Lake Group sediments and may be partly contemporaneous with them. It contains most of the known sulphide deposits of the trough.

The rocks of the Labrador Trough have been deformed by forces that acted from the ENE. These forces caused complex folding and thrust faulting that strikes NNW throughout the Trough. Later deformation on the NE striking Grenville front caused basin and dome structures in the southern end of the Trough and produced the iron ore bodies of the Fermont - Wabush area.

DESCRIPTION OF AREAS

Cu-Ni deposits occur in clusters rather than being uniformly distributed along the length of the Trough.

The areas containing known basemetal deposits and that were sampled by La Fosse during 1986 are:

<u>AREA</u>	<u>LAT.</u>	<u>LONG.</u>	<u>N.T.S.BLOCKS</u>
KYAK BAY	60°05'N	69°55'W	25/C/4 ✓
NORTH LEAF BAY	59°00'N	69°35'W	24/K/13; 24/N/4 ✓
GERIDO LAKE	58°00'N	69°45'W	24/K/4, 5; 24/F/13 ✓
LAC AULNEAU	57°00'N	68°35'W	24/C/15; 24/F/2 ✓
CHANCE-RETTY L.	55°15'/55°45'N	66°00'/66°45'W	23/O/1, 8, 10 ✓

Three areas of known gold potential were also prospected and sampled:

<u>AREA</u>	<u>LAT.</u>	<u>LONG.</u>	<u>N.T.S.BLOCKS</u>
ST. PIERRE SHOWING	58°15'N	69°30'W	24/K/5 ✓
MISTAMISK- ROMANET LAKE	56°25'N	68°00'W	24/B/5; 24/C/8 ✓
RIVIERE DÉAT	56°05'N	64°35'W	24/A/2 ✓

KYAK BAY

Kyak Bay is located 235 km. NNW of Kuujjuaq. The nearest settlement, Kangirsuk (Payne Bay), is 10 km. west of Kyak Bay. It has a 3,500 ft. airstrip and daily aircraft service.

An elliptical shaped igneous body 6 km by 14 km. intrudes sediments northwest of Kyak Bay. The intrusive is principally gabbro but it contains several small peridotite/pyroxenite masses which have associated sulphide mineralization. In places, a distinct banding is developed in the intrusive.

The sulphide occurrences were investigated during the 1960's by ground geophysics and diamond drilling. Subeconomic grades of Cu-Ni were intersected by the drill holes. No analyses for platinum were done.

La Fosse holds a 65 sq.km. exploration permit which covers the eastern half of the intrusive and all of the known sulphide deposits. No other claims or permits currently exist in the area.

One hundred and twelve (112) samples were taken by the field crews. The sample locations are shown on Map No.2. The analyses and sample data are presented on the field sample sheets in Appendix 1, p.1-6. There no anomalous platinum or paladium analyses. Four samples contain Au. Two samples have high cobalt.

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NORTH LEAF BAY

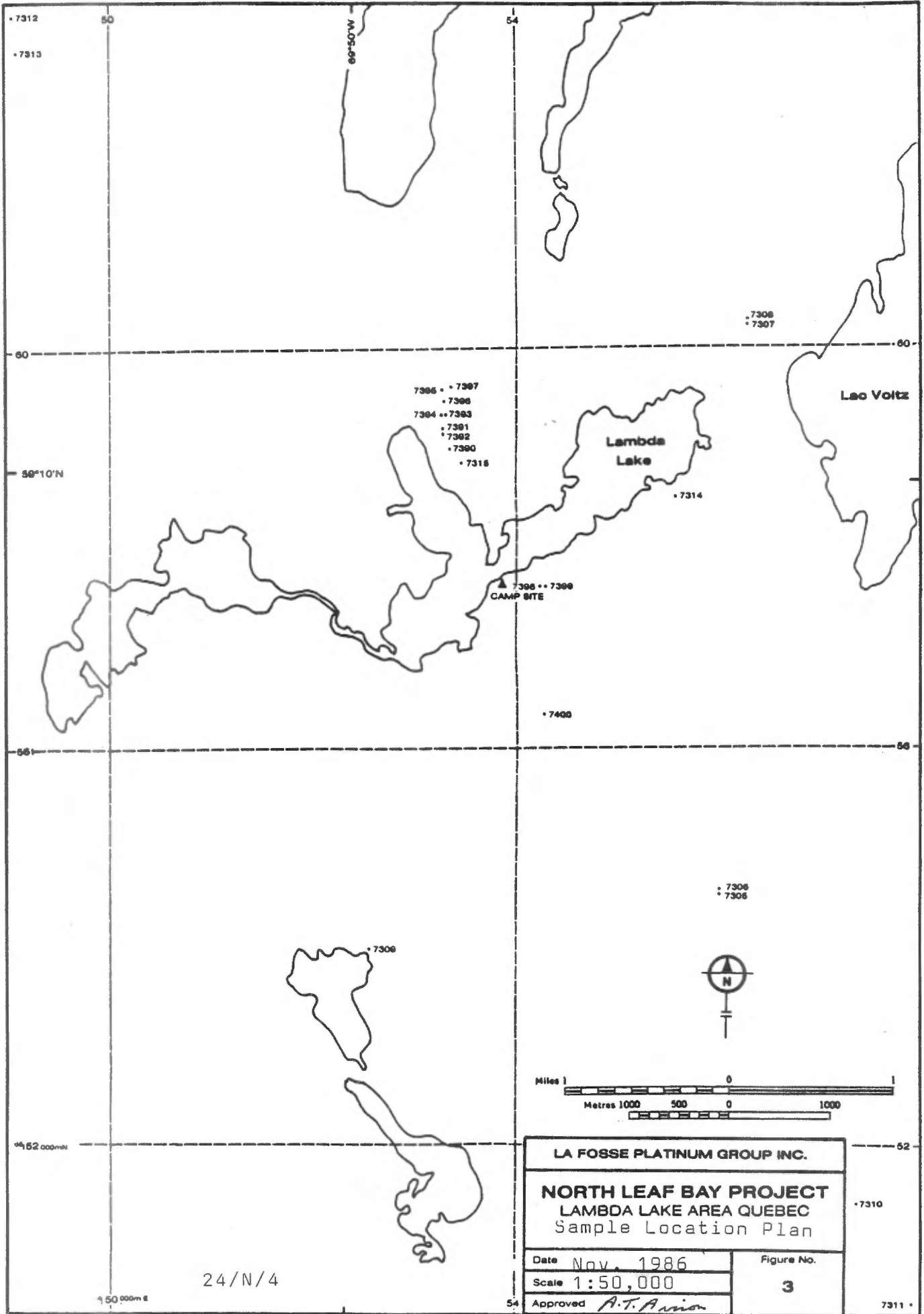
This area is located 150 km. northwest of Kuujjuaq. It lies between Leaf Bay and Hopes Advance Bay on the west side of Ungava Bay. Both Hopes Advance and Leaf Bay were surveyed by the Canadian Hydrographic survey and found to be suitable for large freighters. There are small eskimo settlements and airstrips on both bays but no shipping facilities have been established.

A number of small, high grade Cu-Ni deposits have been investigated in the area by diamond drilling by several companys. One deposit at Pio Lake has been explored by a decline and small open pit. These deposits occur in, or are associated with peridotite-pyroxenite sills that intrude the gabbros and sediments. In places these ultrabasic sills are layered. The whole sequence of rocks has been folded along axes striking north to northwest and is cut by numerous faults. The high grade sulphide deposits tend to be localized in small drag folds. The area also contains very large deposits of blotchy gabbro with disseminated copper and nickel minerals. Conceivably, the high grade deposits were produced by mobilization and redeposition of the sulphides from the blotchy gabbro during the folding of the rocks.

La Fosse does not hold any claims or permits in the area. Two blocks of four claims

each are held by others. These blocks cover the Pio Lake and Lambda Lake deposits.

Seventy-nine (79) samples were taken in the North Leaf Bay area during the field season. Anomalous palladium values were obtained from massive sulphides at the Pio Lake deposit but no anomalous platinum was found. Gold is anomalous in nine of the samples. The sample locations are shown on Fig. Nos. 3 and 4. The analyses and sample data are presented on the field sample sheets in Appendix 1, p.7-10.



24/N/4

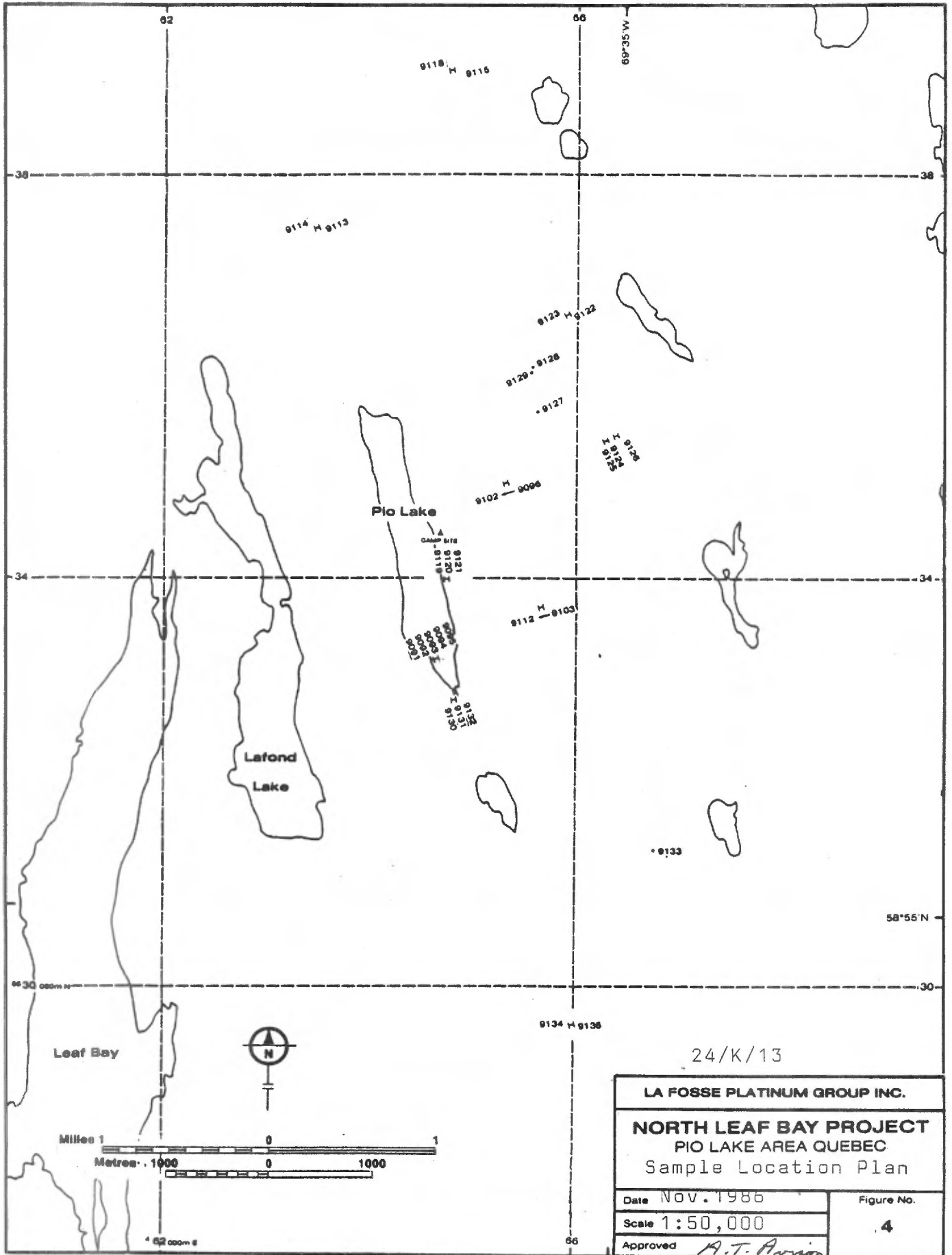
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Riverton Resources Corp. E 795
 Falconbridge Limitee et
 Glendora Holdings Limitee 405902-125
 CANTON 6445



GERIDO LAKE

This area extends from the Koksoak River to 30 km south of Leaf Bay, a distance of about 70 km. It is 80 km west of Kuujjuaq. The area is underlain by interlayered sediments, gabbro, glomeroporphyritic gabbro (Blotchy Gabbro) and basalt. These rocks are isoclinally folded and thrust faulted. The fold planes dip steeply ENE and fold axes generally plunge gently southward.

The Gerido Lake area has been extensively explored since sulphide mineralization was discovered in the 1950's. Two types of base metal deposits are known. One is a sediment hosted Cu-Zn-pyrite massive sulphide with significant Au-Ag content. They contain up to 4 million tons reserves averaging about 3% combined Cu-Zn. The other type of mineralization is disseminated to massive pyrrhotite-chalcopyrite-pentlandite contained in the blotchy gabbro sills. These deposits average less than 2% combined Cu-Ni and contain reserves of less than one million tons.

Because of the common association of nickel with platinum, these blotchy gabbro hosted deposits were thought to be potentially platiniferous. The sample results show that this is not the case.

One of La Fosse's crews while prospecting in the area this summer, discovered a pyroxenite body lying between blotchy gabbro and normal gabbro. The pyroxenite contains strong pyrrhotite-chalcopyrite mineralization. Sample analyses show 6' averaging 7.40% Cu; 0.044 oz/t Pt; 0.477 oz/t Pd. Further work will be necessary to evaluate this discovery.

La Fosse holds a number of mineral claims in the Gerido Lake area, under an agreement with Hollinger North Shore Exploration Co.Ltd. La Fosse has applied for permission to stake additional claims to protect its discovery.

Five Hundred and Thirty-Three (533) rock samples were taken by the field crews in the Gerido Lake area. In addition Twenty (20) samples of drill core from blotchy gabbro hosted Cu-Ni deposits were analysed. The only significant Pt group anomalies are samples from the occurrence in pyroxenite described above. Eleven (11) of the samples are anomalous in Au suggesting that it may be more widespread in the area than has been recognized.

The sample locations are shown on the three Gerido Lake map sheets Fig.Nos. 5,6,7. The analyses and sample data are presented on the field sample sheets in Appendix 1, p.11-37.

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LAC AULNEAU

Lac Aulneau is 260 km. NNW of Schefferville. In the Redcliff-Aulneau valley, seven Cu-Ni deposits have been outlined by drilling over a distance of 13 km. The deposits range from less than 100,000t to 2 million tons and average 2-3% combined Cu+Ni. Platinum group minerals were identified in samples from one of the deposits by a Quebec Government geologist. The deposits are contained in gabbro but each has a small more basic sill associated with the mineralization. As well, folding and thrust faulting have played an important role in localizing the sulphide minerals. Only two of the deposits outcrop.

La Fosse has an option agreement on the claims covering these deposits. Twenty-six (26) surface samples were taken in the Aulneau area. As well, seventeen (17) samples of mineralized drill core from the deposits were analysed. None of the surface samples contain anomalous gold or platinum. Three of the core samples are anomalous in palladium and four contain anomalous gold. The sample locations are shown on Fig.No.8. The analyses and sample data are presented on the field sample sheets in Appendix 1, p.38,39.

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CHANCE-RETTY LAKE

Near the eastern margin of the Labrador Trough, a belt of ultrabasic sills run SE-NW for over 100km. Its southern end is about 70 km east of Schefferville. Mapping of the belt has shown three main sills 100-500m thick as well as several minor ones. The middle sill, which follows the contact between the underlying Thompson Lake sediments and overlying Willbob volcanics, contains most of the base metal sulphides and known Cu-Ni deposits of the belt. The sediments intruded by the ultrabasic sills often contain fine grained pyrite with negligible associated base metal sulphides.

The sills dip northeast at 30°-70° through most of the belt. In the Retty Lake area they occur in broad open folds that plunge shallowly to the southeast. Throughout the ultrabasic belt, faulting offsets the formations in many places.

Between 1955 and 1976 over 200 holes were drilled in the area by Hollinger North Shore Exploration Co.Ltd. This drilling investigated geophysical anomalies in the ultrabasic belt and tested exposed sulphide occurrences. Three deposits of massive sulphides were outlined near the southwest side of Retty Lake. A fourth was drilled near Chance Lake towards the northwest end of the belt.

The estimated reserves of these deposits are:

<u>DEPOSIT</u>	<u>TONS</u>	<u>Cu %</u>	<u>Ni %</u>	<u>Co %</u>	<u># of DRILL HOLES</u>	<u>DRILL FOOTAGE</u>
POGO	692,600	1.00	0.65		122	35,189
CENTER	91,400	1.26	0.75			
BLUE	506,400	0.85 0.68	0.50			
CHANCE	550,000	0.66	0.89	0.10	15	6,146

Some of the mineralized drill core from these deposits had ^{been} preserved and was resampled. Analysis showed that parts of the Pogo and Center deposits contain significant platinum group metals. Sampling of surface exposures in the area gave anomalous values and would have pointed out the area for further work even if the drill core had not been available. Some of the samples contain an unexpected gold content associated with the platinum group elements. Gold was also found in several samples of unmineralized peridotite. No platinum group minerals or visable gold have yet been identified in the Chance-Retty Lake belt.

Two Hundred and Twenty-Two (222) samples of rock exposures were taken by the field crews. The locations of these samples are shown on Fig. No.9 and 10. The sample analyses and data are presented in Appendix 1, p.40-60, together with the analyses of one hundred and eighty-two (182) samples of drill core from the Pogo and Blue Lake deposits.

A seven man crew carried out linecutting, EM survey and detailed geological mapping in the Blue-Pogo Lake area during September. The results of this work is presented in separate reports.

La Fosse holds exploration permits covering the Retty Lake area and Chance Lake area.

ST. PIERRE SHOWING

The St. Pierre gold showing is the only mineral occurrence in the Labrador Trough that has yielded samples that assay over 1oz. Au/t. It is located 67km (42 mi.) west northwest of Kuujjuaq at the west end of Little St. Pierre Lake. In April 1986, La Fosse applied for a 65 sq. km exploration permit centered on the showing.

The mineralization was discovered by Hollinger North Shore prospectors in 1954. That company carried out an extensive program of mapping, geophysics and drilling during 1955. Nineteen holes totalling 3,318 ft. tested the showing along strike and in depth with disappointing results. The holes intersected erratic mineralization with a low gold content. The highest assay of drill core was 0.12oz. Au/t over 2.5 ft. Further EM surveys were done in 1962, and 1972. An airborne geophysical survey was flown in 1962 by Canadian Aero Mineral Surveys.

At the surface, the St. Pierre showing is a small lens of massive sulphides within a zone of veinettes and disseminated sulphides. The sulphides are pyrite, chalcopyrite, galena and sphalerite.

Maximum values of samples of the showing are:

<u>Cu</u>	<u>Zn</u>	<u>Pb</u>	<u>Au/t</u>	<u>Ag/t</u>
5.03%	20.5%	17.71%	3.55oz.	7.19oz.

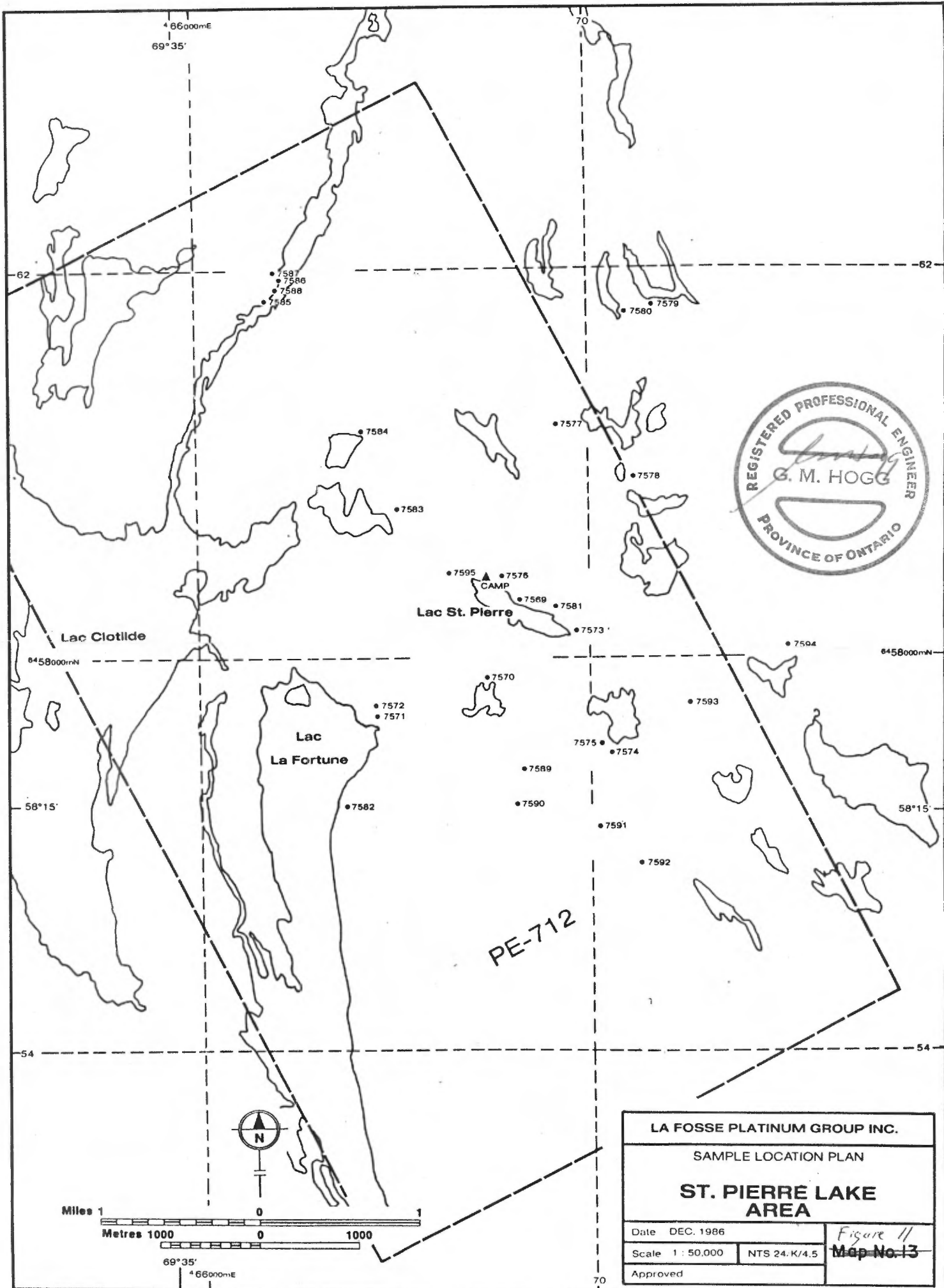
The mineralization is hosted by sheared and folded tuffaceous rocks. It is located on the faulted axial plane of a small fold on the northeast limb of a larger anticline that plunges southeast at 20°.

La Fosse personnel carried out prospecting and sampling in the area in 1986. Twenty-seven (27) rock samples were analysed for Pt and Au. One sample from a 1 meter wide sulphide in gabbro 2,700 m (9000ft) southeast of the showing is anomalous in Au and Pd. Sixty-five (65) samples of material from clay frost boils near the showing were analysed for Au and Cu. No anomalous values were obtained from the clay boil samples.

The potential of the area appears to be the search for other similar and larger mineral occurrences. The St.Pierre showing demonstrates that the geological environment is capable of producing high grade mineral concentrations.

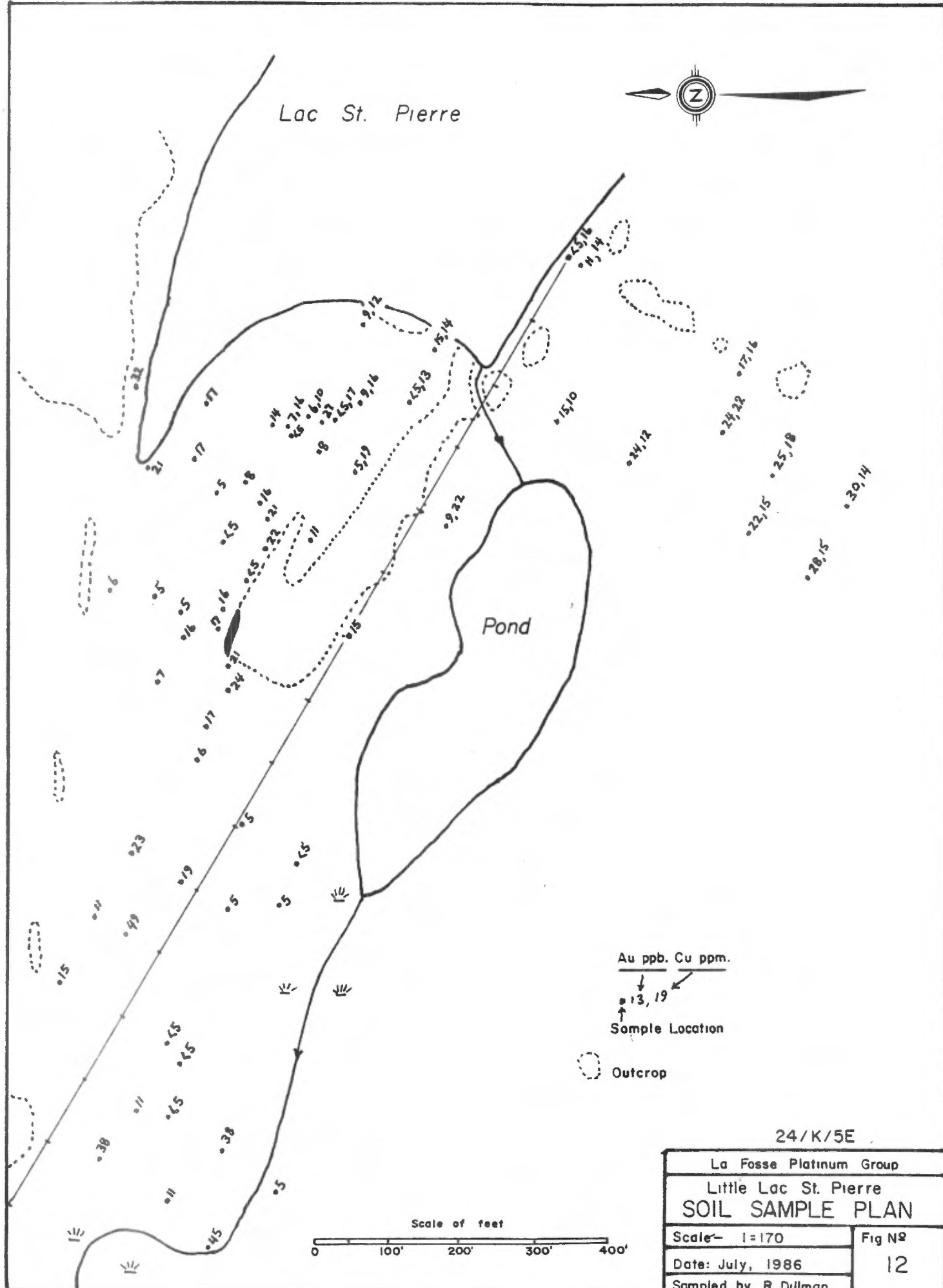
The sample locations are shown on Fig.No.11 and 12. The sample data and analyses are presented in Appendix 1,p.61 and 62.

A number of zones of pyroxenite/amphibolite were mapped in the area by Quebec geologists. These should be prospected and sampled for PGE although no sulphide occurrences are reported with them.



LA FOSSE PLATINUM GROUP INC.	
SAMPLE LOCATION PLAN	
ST. PIERRE LAKE AREA	
Date DEC. 1986	Figure 11 Map No. 13
Scale 1 : 50,000	
Approved	NTS 24-K/4.5

Lac St. Pierre



Au ppb. Cu ppm.

Sample Location

Outcrop

24/K/5E

La Fosse Platinum Group

Little Lac St. Pierre

SOIL SAMPLE PLAN

Scale- 1=170

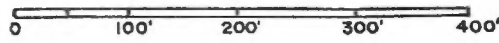
Fig No

Date: July, 1986

12

Sampled by R. Dillman

Scale of feet



MISTAMISK - ROMANET AREA

This area is located 190 km (115 miles) north northwest of Schefferville. It has been prospected by a number of companies since high grade copper mineralization was found in 1961. Originally the area was part of the Norancon concession. It is noted for numerous, small, high grade occurrences of copper, uranium and gold.

La Fosse holds mineral rights in the area through an exploration permit and an option agreement with Saarberg Interplan Canada Ltd.

Geologically, the Mistamisk-Romanet area is a wedge shaped horst. Sediments of the lower formations of the Labrador Trough have been upfaulted to the present surface elevation. The mineral occurrences appear to be related to the boundary faults of the horst as they are more numerous near its edge. Possibly the mineral deposits and associated rock alteration were brought about by hydrothermal solutions channeled through the boundary faults.

Prospecting and sampling was carried out from three campsites located at the south end of Lake Mistamisk, on the Romanet River and on the west side of Lac Romanet.

One hundred and fifty-one (151) samples were taken from mineralized zones and mineral occurrences. Values of 0.1 oz.Au/t were found across narrow widths (5-20cm) at several places near the mouth of the Romanet River and from a showing 3 km west of Lac Romanet. Visible gold occurs with pitchblende at the Eagle Showing on the Romanet River 2 km from its mouth. Lead tellurides are reported to occur at the Eagle Showing by L.Kish. of QMER. All the higher gold values have associated radioactivity.

The sample locations are shown on map No.13. The analyses and sample data are presented in Appendix 1, p.61-69.

Exploration of the area is hampered by heavy overburden and the small size of the mineral deposits found so far. Detailed geophysics and scintillometer surveys will help to locate new mineral deposits under the overburden. The widespread, high grade showings are encouraging for future exploration.

RIVIERE DÉAT

In April 1986, La Fosse applied for a mineral exploration permit to cover a gold occurrence discovered by Quebec Government geologists known as the Van Der Leeden Showing. It is located 200km (120 mi) northeast of Schefferville and 600 m (2000ft) north of the Déat River.

The showing is 150 km (90mi.) east of the eastern edge of the Labrador Trough and near the contact between the Churchill and Nain geological provinces. The rocks are assumed to be Aphebian but have not been age dated. Their relationship with the Labrador Trough rocks is unknown.

The showing consists of veins and disseminated arsenopyrite in a sheared lapilli tuff. Shearing strikes 145° and dips vertically. Mineralization occurs over a width of about 4m (13ft) but a one meter section near the center of the zone contains most of the arsenopyrite.

La Fosse crews channel sampled the showing and did a partial VLF-EM survey. As well, the area was prospected for other mineralized zones. Sixteen (16) rock samples were taken. The highest analysis was a 2.5 m (8ft) sample of the showing which assayed 1218 ppb.Au.(.039 oz./t).

The sample locations are shown on Fig.14. The sample data and analyses are presented in Appendix 1,p.70.

56°05'N

62 18 000 N

62 14 000 N

62 10 000 N

4 02 000 E



9247
9248
9249

7148 7148
7142-S
7146

PE 714

3 98 000 E

7141

7147
9250
9246

64°40'W

Riviere Déat

3 94 000 E

Camp

Lac de la Hutte Sauvage

24/A/2

La Fosse Platinum Group Inc.

**RIVIERE DÉAT
Sample Locations**

Scale: 1=50,000

Date: Nov. 1986

Approved: *A.T. Arsen*

Fig. N°

14

DISCUSSION OF RESULTS

The primary objective of the field program was to locate areas of the Trough that contain anomalous PGE. The sampling was carried out with this objective in mind and not for the purpose of defining the tonnage and grade of a deposit. Two areas (Blue Lake and Goose Pond) were sampled a second time when the original sample results showed the areas to be anomalous. Other than this, duplicate samples were not taken to check the accuracy of the laboratory.

The distribution of sample results by Assayers (Ontario) Ltd. are:

<u>ppb</u>	<u># OF ANALYSES</u>	
	<u>Pt</u>	<u>Pd</u>
<15(not detectable)	1080	576
15 - 50	76	84
51 - 100	13	64
101 - 200	13	38
201 - 400	11	31
401 - 1000	5	28
> 1000	<u>2</u>	<u>30</u>
TOTAL DETECTABLE	120	275
TOTAL ANALYSES	1200	851

A statistical study of the sample analyses is not meaningful because of the diversity of rock types sampled and the different size of the samples. Sample lengths range from 10cm to 30 meters and include everything from unmineralized rock to massive sulphides. Anomalous sample values are quite apparent when the analyses are examined. It is rare to have a single, isolated anomalous sample.

10% (120/1200) of the samples contain detectable Pt. Of these, 15% (18/120) contain greater than 200 ppb Pt. Thirteen of the +200 ppb results are from the Blue Lake area. The others are from the Goose Pond Showing in the Gerido Lake area. Anomalous Pd has a much wider distribution. Samples with +400 ppb Pd were obtained from all areas except Kyak Bay and Riviere Déat.

After the field season, 175 sample rejects were analysed by Lakefield Research. Lakefield uses a stronger digestion than Assayers. The analyses reported by Lakefield are significantly higher than the values obtained by Assayers. These analyses are shown on the sample sheets in Appendix 1. Statistically, the platinum values reported by Lakefield are 80% higher than are reported by Assayers;

the palladium values are 45% higher. On individual samples, Lakefield results may be as much as four times the value obtained by Assayers. In a few samples, Lakefields results are lower than Assayers.

Comparison of the results indicates that anomalous areas were not missed because of the lower analyses reported by Assayers. Of the 175 samples that were check analysed, 112 were found by Assayers to have <15 ppb.Pt. In only seven of the 112, Lakefield found greater than 500 ppb.Pt.; 47 samples had <15ppb.Pd. None of these were found to have more than 500ppb.Pd. by Lakefield.

The Pt:Pd ratio averages 2.55 based on Assayers results and 2.16 using Lakefields analyses.

Work is needed to determine how much of the Pt and Pd could be recovered in a concentrating mill. Some analyses for other PGE should be done on samples from the deposits.

CONCLUSIONS

The sampling and prospecting program carried out by La Fosse during 1986 has made a beginning on the understanding of the distribution of PGE in the rocks of the Labrador Trough. The work has shown that platinum group elements do occur in the Labrador Trough in potentially mineable concentrations and has indicated areas and rock types in which further exploration work is warranted. The most favorable rock types are ultra-basic intrusives such as occur in the Retty Lake - Chance Lake belt. Similar rocks are found in the North Leaf Bay area and a newly discovered occurrence at Goose Pond near the south end of Gerido Lake.

Sampling has shown that the Cu-Ni deposits found in the blotchy gabbro sills of the trough do not contain anomalous PGE. Massive sulphide deposits associated with pyroxenite or peridotite are the most favorable but not all such deposits contain significant PGE.

Gold occurs in the ultrabasic rocks both associated with PGE in massive sulphides and in ultrabasic rocks which have only minor disseminated sulphides. More detailed exploration is needed to evaluate the economic significance of the gold occurrences indicated by the sampling.

The 1986 program has pin-pointed two areas (Blue Lake and Goose Pond) where detailed exploration work is recommended. Further sampling and prospecting is suggested for several other locations where positive results were obtained in 1986.

A number of areas that were investigated in 1986 gave little encouragement for PGE and/or gold. No further work is suggested for these areas.

RECOMMENDATIONS

KYAK BAY - No further work.

NORTH LEAF BAY - Sample the known deposits in the area that were not sampled in 1986.

GERIDO LAKE - Establish a grid and do a magnetic and E-M survey to define the extent of the mineralization at the Goose Pond Showing.

- If the geophysical survey gives positive results, drill test the mineralization in depth and on strike.

- Using the Goose Pond showing as a model, prospect along the belt for similar rock types and mineralization.

- Additional sampling of blotchy-gabbro hosted sulphides is not recommended.

AULNEAU LAKE - No further work.

CHANCE -

HARVUT LAKES - Systematically channel sample the exposed ultrabasic rocks and analyse for PGE and Au.

- Resample any mineralized drill core that can be identified.

RETTY LAKE

- Drill the zones indicated by the geophysical survey and by the resampling of old core to determine the extent and grade of PGE in the mineralized zones.
- Geology mapping and sampling along the peridotite zone west of Retty Lake.
- Drill test favorable geophysical anomalies that have not been drilled.

ST. PIERRE

- Carry out a VLF-EM survey over the showing.
- Prospect and sample the pyroxenite-hornblendite exposures throughout the permit area.

MISTAMISK-

ROMANET LAKES

- Continue prospecting and sampling initiated in 1986. Use detailed geophysics (EM/RA/mag.) and soil geochemistry to trace the extent of the mineralized zones.

RIVIERE DÉAT

- No further work.

PERSONNEL

The field work was supervised by the writer. Planning and preparation was done by A.T.Avison, P.Ferderber and F.Scott. The enthusiasm and effort of everyone involved contributed to the success of the project.

The leader of each 2 man party wrote an evaluation of the areas they worked in during the season. These are included as Appendix II of this report.

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APPENDIX 1
SAMPLE DATA and ANALYSES
FIELD SAMPLE SHEETS

NOTE: Pt, Pd and Au reported in p.p.b. unless
oz. indicated.
Other analyses as shown.

Analyses by ASSAYERS (ONTARIO) LTD.

Check analyses by LAKEFIELD RESEARCH where indicated.

Kyak - Chief

LA FOSSE PT. GROU

Date: July 19, 1966 Sampled by: B. Dillman

NTS: 25C/40-W

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Au	Ni ^{ppm}	Co ^{ppm}	Cu ^{ppm}		Pd
7596	6659.9N	448.7	gabbro	2-3	1	B	<15	<5	51				
7597	6660.25	449.65	gabbro	5	1	B	<15	57					
* 7599	6660.6A	450.18	ultrabasic	5	2	B	<15		1073		446		
7599	6660.54	450.21	gabbro	2	1	B	<15						
7600	6660.72	450.5	gabbro	1	2	B	40						
7603	6660.9	450.9	gabbro	5	2	B	<15	105	54	12	94		
* 7604	6660.83	450.91	gabbro	?	10	BC	<15	98	165	15	394	30	very gossany #3
* 7605	6660.83	450.91	gabbro	10	3	B	<15	37	361	10	945		fresher on east #3
* 7606	6660.45	449.92	gabbro	15	3	B	<15	100	439	56	980		reaction Ni powder
* 7607	6660.35	450.25	gabbro	10	2	B	<15	<5	437	31	929		contact 7608
* 7608	6660.35	450.25	"	10	4	B	<15	125	732	29	1183	24	7607 + 7608 reaction Ni powder
* 7609	6660.29	450.5	gabbro	10	1	B	<15	<5	663	96	724		reaction Ni
* 7610	6660.0	451.6	"	90	3	BC	<15	132					" " #4
* 7611	6660.6	451.6	"	90			51	107					rubble around #4
7612	6659.72	451.35	gab + ultra	10	1.5	B	45		726	90	990		
7613	6659.56	451.01	gabbro	2	2	B	30	180	56		171		
7614	6659.5	450.96	"	5	2	B	36		65		153		
7615	6659.48	450.85	"	2	4	B	25		25		108		
7616	6659.56	450.7	"	20	1	B	<15	20	101	72	163		
7617	6659.54	450.32	"	1	1	B	<15						garnets 30%
* 7618	6659.42	450.3	"	30	2	B	<15	70	299	83	408		react Ni
7619	6659.4	450.23	"	10	2	BC	<15		50	16	122		large shear
7620	6659.4	450.23	graphite	?	3	BC	<15	135	1	5	94	High graphite	"

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Kyak Bay

* Reaction with Ni Powder

Date: July 23

Sampled by: B. D. Pitman

NTS: 25c/4 0-w

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Au	Ni ^{ppm}	Co ^{ppm}	Pd		Cu ^{ppm}
7621	6659.4	450.23	gabbro	10	1.5	B	<15	112	41	29		116	large shear
* 7622	6659.58	451.84	ultramafic	1	1	B	27	182			33		
7623	6659.62	451.9	gabbro	2	1	B	<15						
7624	6659.88	450.01	gabbro	15	1	B	21	130					shear
7625	6659.86	450.15	gabbro	15	2	B	21	167					
* 7626	6650.1	450.5	"	26	3	B	36	(525)	219			334	contact ultramafic
* 7627	6659.8	450.7	"	70	2	B	33	130	1300	146	63	1300	" "
7628	6659.57	450.57	gabbro	50	8	B	<15	95					large shear
* 7629	6659.57	450.67	gabbro	70	1	B	<15	78	805	147		500	shear, some
* 7630	6659.57	450.67	quartz	20	1	BR	<15	58				Ag-CO.1ppm	" "
7631	6659.68	450.8	gabbro	10	2	B	<15				<15		shear
7632	6659.55	447.36	gabbro	20		B	<15						drag raised bottom
7633	6658.64	450.73	gabbro	70	0.3	BR	<15	179	0.41%	0.69%			shear
7634	6659.15	450.82	gabbro	70	2	B	<15	148	1.01%	0.14%			
7635	6659.97	450.75	gabbro	5	1	B	<15						dissm. pyro.
7636	6650.78	450.65	"	10	2.5	B	<15						" "
7637	6658.67	451.48	"	10	3	B	<15		0.03%	0.01%			graphite rich
7638	6658.64	451.42	sediment?	20	0.6	BR	<15						
7639	6653.6	451.34	Silica?	50	3	BR	<15						weird
7640	6656.3	451.82	gabbro	10	0.3	B	<15	25					
7641	6656.15	452.05	quartz	5	0.3	BR	<15	25					
7642	6656.75	453.35	gabbro	5	0.4	BR	<15	30					
7643	6656.78	452.71	gabbro	3	0.4	B	<15	264	0.03%				
7644	6656.8	452.72	"	2	0.3	B	<15	31					
7645	6656.88	422.7	"	2	1	B	<15	24					shear zone

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Kyak Bay

* Reaction with Ni Powder

LA FOSSE PT. GROU

Kyak Bay

Date: July 26

Sampled by:

B. Dillman

NTS:

25 C/A O-W

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Au	Ni%	Co%	Cu ^{ppm}	
7646	6656.85	452.45	schist?	60	1.5	BR	15	(40)				shear
7647	6660.68	449.41	gabbro	20	1.5	B	↑	68	.13%	.04%		
7648	6660.68	449.41	"	20	1	BR		102	.02%	.01%		
7649	6661.13	450.32	gabbro	1	0.4	BR		120				shear
7650	6660.2	450.4	"	20	1.5	B	↓	72	.48%			
7651	6660.05	450.45	"	5	3	BR	15	102	.03%			
597	63 59 850	4 47 800	Gabbro	1	3x5	R	<15					Frost heaved blocks
598	63 60 300	4 48 350	"	0.5		R	<15					Frost heaved blocks
599	DDH #?		Peridotite	4 po	25'	split core	<15					15% of core in box
600	DDH #?		"	2 po	25'	split core	<15					15% of core in box
833	66 61 600	4 48 500	Gabbro	5 po	1.2	R	<15	2442	330	1.45%		4' Pit at drill camp.
834	DDH N° 11		Peridotite	20 po	25'-50'	split core	<15	6255	688	5375		10% of core in box #2
835	66 61 850	4 48 850	"	5 po	5x10	R	<15					Contact of gabbro + perid.

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Kyak Bay

* Reaction with Ni Powder

5

LA FOSSE PT. GROUP

Kyak

Date: July 16

Sampled by: Ron Lemery

NTS: 25/C/4W

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks
	N	E					Pt	Pd	Au		
9595	6660490	447300	Matagabba	<1%	20m	R(chip)	↑ 15	↑ 15			With magnetite
9596	6660620	447360	Matagabba	<1%	2m	R(chip)	↑	↑			With magnetite
9597	6661180	447790	Matagabba	<1%	7m	R(chip)	↑	↑			With mag; pyroxene rich.
9598	6661500	448080	Matagabba	1%	4m	R(chip)	↑	↑			Minor py.
9599	6661690	449000	Peridotite	1%	3m	C					Ta. py (see notes)
9600	6661720	449010	"	"	"	"					"
9601	6661750	449020	Perid + Babba	"	"	"					"
9602	6661780	449030	"	"	"	"					"
9603	6661810	449040	"	"	"	"	↓				"
9604	6661840	449050	"	"	"	"	<15				"
9605	6661870	449060	"	"	"	"	30				"
9606	6661900	449070	"	"	"	"	27				"
9607	6661930	449080	"	5%	"	"	<15				Mineralized zone. fo + py
9608	6661960	449090	"	"	"	"	<15		95		Fracture infilled w/ chlorite
9609	6661980	449090	Peridotite	5%	"	"	33	↓			Still in mineralized zone
9610	6662000	449100	"	2	"	"	<15	<15			End of min zone
9611	6662040	449210	Babba	<1%	"	"	30	15			Minor sulphides
9612	6662290	449400	Peridotite	<1%	"	"	<15	<15			With magnetite?
9613	6662360	449460	"	"	"	"	↑	↑			Same
9614	6661680	449300	Babba	3%	"	"	↓	↓			Ta. py.
1615	6659760	446730	Babba	<1%	4m	C	<15	<15			Contains some magnetite

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Kyak Bay

LA FOSSE PT. GROUF

Kyak

Date: July 14/56 Sampled by: Ren LaveryNTS: 25/c/4W

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Pd	Au			
9616	6659890	446610	Gabbro	<1%	5.2	C	<15	<15				Shaded; w magnetite
9617	6660420	446140	Gabbro	<1%	0.6	C	↑	↑				Beady brown weathering. Tr. py
9618	6661100	445570	Gabbro	1%	0.5	R	↓	↑				minor py (+ manganese?)
9619	6662420	446250	Gabbro	<1%	20	R	<15	↓				Trace po
9620	6661960	447390	Gabbro	2%	3	R	75	<15			(337)	minor py
9621	6661920	447540	Peridotite	<1%	4	C	22	15				Trace py
9622	6662000	447540	Peridotite	<1%	5	Chip	36	<15				Trace py, po
9623	6662220	447480	Peridotite	<1%	4	Chip	28	<15				Trace py, po
9624	6661800	447900	Peridotite	<1%	70	Chip	44	<15			(107)	Trace py, po
9625	6661720	448270	Peridotite	<1%	30	C	<15	↑				Trace py, po
9626	6661560	448310	Peridotite	<1%	20	C	↑	↑				Trace py, po
9627	6660070	448000	Gabbro	<1%	1	Chip	↑	↑				Rich in magnetite
9628	6662320	448840	Gabbro	<1%	5	Chip	↑	↑				Some magnetite
9629	6660880	449670	Gabbro	2%	20	Chip	↓	↓				Quartz po; garnet, biotite
9630	6660910	449780	Peridotite	<1%	2	Chip	↓	↓				With chlorite; little sulphides
9631	6661040	449620	Gabbro	2%	1	R	<15	<15				Quartz po, py.
9632	6661320	449900	Shaded gabbro	2%	5	Chip	<15	<15				Quartz po, py; some cp.
9633	6660900	446200	Gabbro	2%	2	Chip	24	<15				Not textured po, py.
9634	6661220	446050	Gabbro	<1%	4	Chip	52	<15				locally encased in magnetite
9635	6663180	445240	Gabbro	<1%	10	Chip	<15	<15				Trace py, po
9636	6665020	445790	Gabbro	<1%	10	R (chip)	↑	↑				Poor in sulphides
9637	6665580	445020	Gabbro	2%	10	R (chip)	↑	↑				Sulphide poor
9638	6659400	446210	Gabbro	<1%	0.3	R	↑	↑				Some magnetite
9639	6658200	448020	Gabbro	<1%	4	R (chip)	↓	↓				Some magnetite
9640	6658390	448520	Gabbro	<1%	2	R (chip)	<15	<15				Some magnetite

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Kyak Bay.

4710 7307
 4717 7307
 4718 7307
 7307
 7308

15,7100

LA FOSSE PT. GROU'

Lambda L.

Sampled by: *Græne Scott*
Philippe Gendrier

NTS: 24N/4 (+24/L/5)

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Pd	Au	Ni%	Co %	
7370	6559.000	453.320	Blotchy Gabbro	1.9%		G	<15	68				py ch.
7371	6559.160	453.350	"	1-3%	10m	C	↑	49				"
7372	6559.160	453.350	"	1-3%	10m	C	↑	52		0.64		"
7373	6559.310	453.300	"	1-3%	15m	G	↑	50		205		"
7374	6559.350	453.270	Seds	10-30%		G	↑			246		py
7375	6559.460	453.290	"	1-3%	8m	C	↑	87				py ch
7376	6559.460	453.290	"	1-3%	8m	C	↑	85			0.69	"
7377	6559.600	453.350	Monite Basalt	<1%		G	↑	100		102		"
7398	6557.640	454.290	chlorite schist	1%		G	↑	153		51		Meta Volcanic py ch
7379	6557.610	454.270	"	1%		G	↓	42		5	0.51	py ch
7400	6556.350	454.260	chlorite Gabbro	1%		G	<15	40			0.72 0.07	"
7305	6554.580	456.010	Meta seds	1%		G	32	152				py ch
7306	6554.750	455.960	"	6%		G	112	348				py ch
7307	6560.200	456.300	Blotchy Gabbro	1%	2m	G	<15	30				py ch
7308	6560.250	456.300	Blotchy Gabbro	<1%		G	<15					"
7309	6554.010	452.520	Meta Gabbro	<1%		G	<15					py
7310	6551.390	457.330	"	<1%		G	<15					
7311	6550.550	457.850	Blotchy Gabbro	<1%		G	<15			235		
7312	6563.420	449.040	Meta Volc's	<1%		G	<15					
7313	6563.020	449.060	Quartz vein	<1%		G	<15			32		py ch carbonates chlorite
7314	6557.520	455.560	Meta Volc's	<1%	3m	G	<15					py tested positive Ni
7315	6559.350	453.470	Meta Volc's	1%	2m	G	<15	138			0.20	

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

N.Leaf. - Lambda Lake

LA FOSSE PT. GROUF

Date: _____ Sampled by: C. COOKE

NTS: Pio LAKE 24K/13

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Pd	Au			
9091	⁶⁵ 33.88	⁴ 64.60	AMPHIBOLITE	TR	10m	R	<15	<15				P.07-17-1
9092	33.93	64.68	AMPHIBOLITE	TR	10m	R	↑	<15				P.07-17-2
9093	33.92	64.6	AMPHIBOLITE	TR	13m	R		<15				P.07-17-3
9094	33.87	64.60	AMPHIBOLITE	TR	25m	R						P.07-17-4
9095	33.95	64.62	AMPHIBOLITE	TR	16m	R						P.07-17-5
9096	34.97	65.34	LEUCOGABBRO	TR	30m	R						P.07-18-1
9097	34.96	65.33	PYROXENITE	TR	13m	R		<15				P.07-18-2 BASE OF SILL
9098	34.96	65.32	MELANOGABBRO	TR	13m	R		26				P.07-18-3
9099	34.96	65.29	MELANOGABBRO	TR	16m	R	↓	33				P.07-18-4 ↓
9100	34.96	65.28	MESOGABBRO	TR	16m	R	<15	47				P.07-18-5 TOP OF SILL
9101	34.95	65.26	SHEARED GABBRO	TR	40m	R	15	31				P.07-18-6
9102	34.95	65.25	MELANOGABBRO	TR	16m	R	<15	<15				P.07-18-7
9103	33.75	65.70	LEUCOGABBRO	TR	6m	R	<15	43				P.07-18-8
9104	33.74	65.68	PYROXENITE	TR	17m	R	↑	<15				P.07-18-9 BASE OF SILL
9105	33.74	65.67	MELANOGABBRO	TR	16m	R		↑				P.07-18-10
9106	33.74	65.66	MESOGABBRO	TR	16m	R						P.07-18-11
9107	33.74	65.65	MESOGABBRO	TR	16m	R						P.07-18-12
9108	33.74	65.64	PYROXENITE	TR	16m	R			(415)			P.07-18-13
9109	33.73	65.62	PYROXENITE	TR	16m	R			(266)			P.07-18-14
9110	33.73	65.62	MELANOGABBRO	TR	16m	R			215			P.07-18-15
9111	33.73	65.61	MESOGABBRO	TR	16m	R			215			P.07-18-16 ↓
9112	33.73	65.60	MESOGABBRO	TR	13m	R						P.07-18-17 TOP OF SILL
9113	37.48	63.50	PYROXENITE	TR	13m	R						P.07-19-1 BASE OF SILL
9114	37.47	63.45	MELANOGABBRO	TR	13m	R	↓	<15				P.07-19-2 TOP OF SILL
9115	⁶⁵ 39.35	⁴ 64.81	SHEARED GABBRO	TR	13	R	<15	75				P.07-19-3

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

N. Leaf - Pio Lake

LA FOSSE PT. GRO

Date: _____

Sampled by: C. COOKE

NTS: PLO LAKE 24 K/13

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks	
	N	E					Pt	Pd	Au			
9116	⁶⁵ 39,04	⁴ 64,77	MELANOGABBRO	1%	16m	R	<15	36				P.07-19-4 Top of sill
9117	34,04	64,75	MELANOGABBRO	TR	16m	R	↑	<15				P.07-19-5 ↓
9118	39,04	64,73	PYROXENITE	TR	16m	R		↑				P.07-19-6 Base of sill
9119	34,02	64,68	AMPHIBOLITE	TR	25m	R						P.07-20-1
9120	34,02	64,72	BIOTIC GABBRO	TR	27m	R						P.07-20-2
9121	34,02	64,78	MELANOGABBRO	TR	16m	R						P.07-20-3
9122	36,64	65,94	MELANOGABBRO	TR	16m	R						P.07-21-1 Top of sill
9123	36,64	65,88	PYROXENITE	1%	6m	R			(359)			P.07-21-2 Base of sill
9124	35,70	66,30	MELANOGABBRO	TR	16m	R						P.07-21-3 Top of sill
9125	35,38	66,25	PYROXENITE	TR	16m	R						P.07-21-4 Base of sill
9126	35,45	66,38	MESOGABBRO	TR	13m	R		<15	179			P.07-21-5
9127	35,65	65,62	SHEPHERD GABBRO	7%	11m	R		>60	174			P.G.07-22-1
9128	36,12	65,59	MASSIVE SULFIDES	≈100%	13m	R		>90	(574)			P.G.07-22-2
9129	36,05	65,56	SHEPHERD PILLOWS	2%	3m	R		<15	(266)			P.G.07-22-3
9130	39,82	64,76	PYROXENITE	5%	20m	R		24	200			P.07-24-1 Base of sill
9131	32,83	64,79	MELANOGABBRO	1%	20m	R		<15				P.07-24-2 ↓
9132	32,83	64,83	MESOGABBRO	TR	12m	R		↑				P.07-24-3 Top of sill
9133	31,32	66,76	PYROXENITE	5%	16m	R						P.07-24-4 Base of H sill
9134	29,63	65,94	PYROXENITE	TR	16m	R						P.07-24-5 } Base of sill
9135	⁶⁵ 39,64	⁴ 65,98	PYROXENITE + MELANOGABBRO	TR	16m	R						P.07-24-6 }
9136			SHEPHERD GABBRO	10%	3m	G	↓	↓				P.07-25-1
9137			MESOGABBRO	TR	16m	G	<15	<15				P.07-25-2

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

N. Leaf Plo Lake

LA FOSSE PT. GROUF

Gerido Nor

GRAEME SCOTT

Date: July 10 1979 Sampled by: PHILIPPE CLOUTIER

NTS: 24K/5 0-W

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Ni ppm	Co ppm	Ag	Pd		Cu ppm
7242	6461.450	444.050	Blotchy Gabbro	3-5%	5m	G	<15	570			26	1588	py ch tested positive Ni
7243	6461.450	444.050	"	"	6m	C	<15	663			30	3324	py ch
7244	6460.850	444.2400	"	1%		G	<15	350			20	2755	py ch
7245	6460.130	445.900	"	1%		G	<15				36		py ch
7246	6462.010	442.980	"	1%		G	<15						py ch
7247	6462.100	442.900	"	1-5%	4m	G	<15						py ch
7248	6462.700	442.860	Felspathic Gabbro/Meta	1%		G	<15						py ch
7249	6462.980	442.730	Blotchy Gabbro	6-10%	6m	C	<15	626	147			1757	py ch Tested positive
7250	6462.980	442.730	"	"	6m	C	<15	593	145			1653	py ch
7298	6461.740	443.040	"	1%		G	<15						py ch
7300	6463.100	442.650	"	1-5%	8m	C	<15						py ch
7302	6463.550	442.610	"	1-5%		G	<15						py ch
7303	6463.290	442.510	"	1%	3m	G	<15						py ch
73052	6463.710	442.650	"	3-5%	5m	G	<15				32		
7353	6463.800	443.250	Sheared Gabbro	1%		C	<15						chlorite py ch
7354	6463.900	444.070	Blotchy Gabbro	3%	4m	G	<15						near seds contact
7355	6462.320	444.100	Meta Gabbro	1-3%		G	<15						contact between seds + gabbro
7356	6462.650	443.980	Blotchy Gabbro	3-8%	4m	G	<15	1024			20	4947	
7357	6462.770	444.420	Meta Gabbro	3%		G	<15			135	<15		sheared
7358	6462.430	444.490	Meta Seds	40%	4m	C	<15						py ch
7359	6462.560	444.430	Blotchy Gabbro	0-5%	3m	G	<15	560				1950	sheared with qtz + chlorite
7360	6465.125	444.150	Meta Seds	20%	1m	G	<15						
7361	6465.670	443.850	Blotchy Gabbro	1%	2m	G	<15						py ch
7362	6466.120	443.770	Meta Gabbro	1-10%	4m	G	<15			210	<15		sheared contact between Gabbro + Blotchy
7363	6466.120	443.790	Blotchy Gabbro	1-3%	3m	G	<15						py ch

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido - North

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July 10 1103
 July 11 7703
 July 13 7387

LA FOSSE PT. GROUI

Gerido A

Date: _____ Sampled by: Graeme Scott.
Philippe Cloutier NTS: 24 K/5

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks		
	N	E					Pt	Ni ppm	Co ppm	Au	Pd		Cu ppm	
7364	6466.220	443.720	Blotchy Gabbro	1-3%		G	<15				10			py ch
7365	6466.300	443.750	"	1-3%		G	<15				<5			py ch
7366	6467.300	443.250	Meta Gabbro	3%		G	<15				31			py ch
7367	6467.300	443.250	Meta Seds	20-50%	8m	C	<15				54	75		py ch
7368	6467.300	443.250	Meta Gabbro	1%	2m	G	<15				44	<15		py ch
7369	6467.300	443.250	"	3%		G	<15				23	183		py ch
7370	6467.400	443.270	"	1-3%		G	<15				30	<15		some quartz near seds contact py ch
7371	6467.710	443.210	"	Gossan		G	<15				20	91		Heavy Gossan
7372	6468.400	443.220	Meta Gabbro	5-10%		G	<15				<5	<15		py ch
7373	6464.610	443.630	"	<1%		G	<15				78	<15		Near seds contact py
7373	6464.200	444.20	"	1%		G	<15							py ch
7374	6459.970	445.230	"	1%	2m	G	<15				89			
7375	6458.740	444.990	"	<1%		G	<15				<5			
7376	6458.180	445.500	Meta Seds	10%		G	<15				<5			
7377	6458.160	445.450	Meta Gabbro	<1%		G	<15							
7378	6456.150	445.310	Blotchy Gabbro	1-3%		G	<15							
7379	6455.770	445.100	"	3-5%		C	<15	617			99	25	1720	py ch
7380	6455.530	445.240	"	3-5%		C	<15	913			27	<15	1927	py ch
7381	6455.440	445.350	"	3-5%		C	<15	920				36	1734	"
7382	6455.420	445.500	"	1%		G	<15					<15		"
7383	6464.520	447.120	"	1%		G	<15				75	61		"
7384	6464.650	447.150	"	1%		G	<15							"
7385	6464.800	447.140	"	1%		G	<15					<15		"
7386	6465.010	447.20	"	3%	6m	C	<15					28		"
7387	6465.080	447.30	"	3-5%	7m	C	<15	1152	152			85	4455	tested for nickel

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - North

LA FOSSE PT. GROUF

Prud'homme L.

Date: June 7 Sampled by: Graeme Scott

NTS: 24 K/5

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt					
7519	6460.350	446.400	Phylite Q.V.	10.5%	.25m	G	<15					Quartz vein chlorite 5cm wide
7514	6460.525	445.950	Gabbro	<1%		G	<15					Quartz chalc, pyrite
7522	same loc	same loc	Gabbro	3%		G	<15					chalc, pyrite
PS 103	6461.650	444.500	Gabbro	5%	1.5m	G	<15					chalc, pyrite magnet
PS 104	same as 103		" "	5%		G	<15					" " "
7513	6461.785	444.500	" "	3%	2m	G	<15					" " "
PS 106	6461.775	444.470	phylite	<1%	1m	G	<15					pyrite
7511	6461.750	444.700	blotchy	<1%	1m	G	<15					not as many phenocrysts
7524	6460.850	444.700	phylite	<1%	2m	G	<15					
7509	6460.500	444.750	Black shale	1%	1m	G	<15					very graphitic
7504	6459.950	445.150	Gossan		3m	G	<15					Seds or Gabbro-
7523	6459.800	445.200	"		3m	G	<15					To weathered to distinguish

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake North

LA FOSSE PT. GROU

24K5

24K4

Prud'homme

Date: 7/6/06

Sampled by: B. Dillman

NTS: 24/K/5W

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Pd				
BD-1	6458.45	446.65	siliceous sed.	1%	1.0	G						
BD-2	6458.75	446.88	Gabbro	1%	2.5	BR	✓					
7512	6458.8	446.95	Qtz vein	<1%	0.1	B	<15					4 inch vein
7516	6456.25	447.2	Gabbro	30%?	1.5	R	<15					Lens, sulfides rusted out
7502	6455.9	447.26	siliceous sed.	1.5%	3	G	<15					
7515	6455.8	447.4	Phyllite	5%	4.5	GB	<15					Trench, sulfides massive loc
7520	6455.19	447.62	Fine grain gabbro	1%	3	G	<15					
BL-8	6454.3	447.79	Phyllite	1.5%	2.5	G						Pyrite stringer, qtz blcks calco
7518	6454.79	449.24	siliceous sed.	1%	7.5	G	<15					
7517	6454.72	449.01	siliceous sed.	1.5%	2.5	G	<15					
7522	6456.55	447.7	siliceous sed.	1.5	1.5	B	<15					
7506	6457550	448550	Seds.	10	10	B	<15					Frost heave blocks
7507	6457400	448600	Bl. Gab	0.2	5	R	<15					
7505	6456750	448500	Gab.	0.5	1	R	<15					Float Block
7501	6456800	447800	Bl. Gab	2	1.5	R	<15					Float Block
839	64 64 350	4 41 000	Gabbro	2%	5-30cm	B	<15	<15				Intermittant ^{rust} for 100m.
840	64 64 200	4 41 250	"	<.5	10x20	R	<15	<15				Rusty area.
7304	64 63 900	4 42 720	Blotchy Gabbro	1-3		G	<15	34				Py
7388	64 61 460	4 44 130	Mata gabbro	<1		G	<15	<15				Py ch
7389	64 63 750	4 42 620	Blotchy Gabbro	1-4			<15					Py ch

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Gerido Lake - North

LA FOSSE PT. GROUF

LAT. 58° 16' to 58° 14'
LONG. 69° 66' Prud'homme

Date: Lat June 7/86 Sampled by: Ron Lemery

NTS: 24 K/4 + 24 K/5 W

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					pt					
RL-86	6458120	445740	Sabbro	<1%	150m	R						Pyroxene-rich gabbro located ~50m from base of sill (North end)
7503	6457920	445720	lanceogabbro	~2%	15m	B	<15					Phy-rich lanceogabbro near top of sill (topographic high also)
7508	6457800	445780	Sabbro	~2%	5m	B	<15					Sill margin on east end containing ~2% po.
RL-4-86	6455160	445540	blotchy gabbro	~4%	10m	R						Rusty blotchy gabbro w/ py + po
RL-5-86	6455230	445390	"	~3%	10m	R						Same.
RL-6-86	6455440	445390	"	~3%	100m	R						Same. Outcrop to W of above.
RL-7-86	6455590	445690	"	~4%	100m	R						Same. To east of RL-6-86.
7510	6455720	445700	"	~4%	80m	G	<15					Same. Extremely high rust weathering on surface.
RL-9-86	6455950	445670	blotchy gabbro	~4%	20m	G						Rusty blotchy gabbro w/ po + py + cp
RL-10-86	6456500	445750	Sabbro	20%	5m	G						Zone of extremely oxidized iron-rich gabbro. Some "tongues" of gabbro are blackish red and very hard.

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - North.

LA FOSSE PT. GROU

7154

Ledo f.

Date: June 1st

Sampled by: Graeme Scott
Phillip Cloutier

24 K/4

NTS: _____

June 13 7167-7173

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Ni ^{ppm}	Co ^{ppm}	Au	Pd		
7151	6447.250	446.300	Meta Gabbro	3%		G	<15						Meta Gabbro ^{beside blotchy Gabbro}
7152	6447.250	446.300	"	3%	8m	C	<15						" All samples pyrite chalc
7153	6447.110	446.300	"	5-10%	7m	C	<15						" Trench
7154	"	"	"	"	7m	C	<15						" ^{Trench} showed slight reaction ^{with nickel powder}
7155	"	"	"	"	7m	C	<15						" Trench
7156	"	"	"	"	7m	C	<15						" Trench
7157	"	"	Blotchy Gab.	2%		G	<15						Distinct Blotchy Gabbro
7158	"	"	"	1%		G	<15						"
7159	"	"	"	2%		G	<15						"
7160	6447.020	446.420	"	20%	9m	G	<15						" From Trench
7161	6446.900	446.450	"	30%	6m	G	<15						"
7162	6446.740	446.510	"	20%		G	<15						" From Trench
7163	6446.650	446.560	"	3%		G	<15						"
7164	6446.550	446.575	"	1-3%		G	<15						Heavily Gossaned
7165	6446.510	446.450	"	1-3%		G	<15						"
7166	6446.450	446.400	"	1-3%		G	<15						"
7167	6447.475	450.480	Blackshale	10%		G	<15			300	<15		platy bands chalc + pyrite
7168	6447.475	450.580	Meta gabbro	3%		G	<15			137	<15		Chilled Gabbro margin ^{pyrite} chalc
7169	6447.400	450.800	"	3%		G	<25			71	<15		fine pyrite decominated
7170	6447.450	451.200	Blotchy Gab.	5%	4m	G	<15	335	60		<15		pyrite pyroclite chalc ^{positive} nickel test
7171	6447.510	451.420	Black shale	5%		G	20			58	<15		near shale contact ^{chilled}
7172	6447.510	451.420	Meta Gab	2%			<15				<15		pyrite chalc
7173	6447.550	452.600	Blotchy Gab	<1%			<15				<15		fine Gabbro fine decominated
7251	6446.780	450.860	Meta Gab	<1%			<15						

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Gerido Lake - Central

June 11 74-7179
33-7257

LA FOSSE PT. GROUF

Ledoux 1

Date: June 16 7180-7187 Sampled by: Graeme Scott
Philippe Cloutier
7258-7261

NTS: 24 K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Ni ^{ppm}	Co ^{ppm}	Au	Pd	
7174	6447.000	445.950	Meta gabbro	<1%	1m	G	<15			(554)	<15	sheared Gabbro @ V. chako
7175	6444.700	445.125	Meta gabbro	2-3%	1m	G	<15			61	↑	
7176	6444.740	444.740	"	3%	2m	G	<15				↑	near shale contact py chako minor
7177	6444.440	445.300	Blotchy Gab	2-7%	2m	G	15	255	51		↓	
7178	6445.900	446.330	Meta Gabbro	1%		G	26				↓	near shale contact py chako
7179	6446.140	446.250	"	1%		G	<15				↑	
7253	6444.970	445.900	Blotchy Gab	1-3%		G	<15				↑	
7254	6444.700	444.950	Meta Gabbro	3-5%		G	<15				↑	py chako
7255	6444.350	444.610	Shale	40%		G	<15				↑	py
7256	6444.400	445.210	Blotchy Gab	2%		G	<15	49	2.5		↑	Tests positive nickel py. pyr. ch.
7257	6444.310	445.440	Blotchy Gab	3-5%		G	<15	172		16	↓	py. ch, pyr,
7180	6446.340	446.530	Meta Gabbro	3-5%		G	<15				↓	pyrite
7181	6446.200	446.570	Blotchy Gab	5%		G	20			<15	<15	minor chako
7182	6445.800	446.800	Black shale	20%		G	<15			<15	57	Black shale & volcanics py chako
7183	6445.100	447.210	Blotchy Gabbro	5%	3m	G	<15			15	<15	py ch. pyr
7184	6445.070	447.225	"	3%	1m	G	<15	65		(339)	<15	py. ch. native copper pyr
7185	6444.890	447.290	"	10%	3m	G	<15	125		60	<15	
7186	644.980	447.330	"	80%	3m	G	<15				<15	old trench py ch pyr
7187	6445.040	447.275	"	10-30%	2m	C	<15				↓	old trench py ch, pyr
7258	6446.260	446.650	"	5-10%		G	<15					ch. py.
7259	6445.910	446.850	"	5-10%		G	<15					ch. py pyr.
7260	6444.980	447.430	"	10-20%		G	<15					py
7261	6444.810	447.360	"	3-5%		G	<15					py

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Gerido Lake - Central. ↘

June 17 78-7192
 June 19 7265, 7264

LA FOSSE PT. GROU

Ledoux

Date June 21 7267-7275 Sampled by: Graeme Scott
Philippe Cloutier
 7193-7198

NTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Ni ^{ppm}	As	Pd		
7188	6441.890	447.920	Blotchy Gabbro	1-3%		G	<15					py. ch.
7189	6442.070	447.510	"	1%		G	<15					py ch
7190	6442.500	447.740	"	1-10%		G	45			<50	<100	Heavy Gossan
7191	6442.850	447.810	Shale or phyllite	20-30%	15m	C	41			105		py minor chalc
7192	6443.360	447.860	Blotchy Gabbro	1%		G	24					py ch
7262	6441.960	447.390	Meta Gab	1-2%		G	<15					py
7263	6442.700	447.790	" "	1-3%		G	<15					py
7264	6442.725	447.820	Blotchy Gab	1-10%		G	<15	161				py. ch. Test positive Ni
7265	6447.690	447.230	Meta Gabbro	1%		G	<15	47				
7266	6448.975	446.500	"	1%		G	<15					
7267	6445.540	446.900	Blotchy Gab	1-3%	2m	G	<15			186	150	py ch
7268	6445.490	446.400	"	1-3%		G	<15					py ch
7269	6442.540	445.270	"	3-5%		G	<15					py
7270	6441.910	445.300	"	1-3%		G	<15					py
7271	6441.790	445.305	"	3%		G	<15					py
7272	6441.740	445.345	"	1-3%		G	<15					py
7273	6441.700	445.320	"	1-3%		G	<15			37		py good looking pyrite
7274	6441.590	445.490	"	5-25%		G	<15			200	95	py ch heavily gossanated
7275	6441.850	445.650	Meta gabbro	1-3%		G	<15					py
7193	6444.800	446.050	Blotchy Gab	1-5%	1m	G	<15			6		py
7194	VOID	VOID	VOID			G	40/0			10		
7195	6442.490	445.340	Meta Gab	1-3%	1m	G	<15			54		very fine grained
7196	6441.820	445.400	"	1-5%	2m	G	39			174		Sheared Contact py ch
7197	6441.780	445.410	Meta Gab	10-40%	1m	G	22					some shale py minor ch
7198	6441.700	445.450	Blotchy	1-3%		G	<15					

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - Central

June 21 7199 7201
 June 22 72 }¹²
 72 }⁹²

LA FOSSE PT. GROUF

Ledoux

Date: _____ Sampled by: Groene Scott
Philippe Cloutier

NTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses			Laboratory check		Remarks
	N	E					Pt	Pd	AM	Pd	Pt	
7199	6441700	445.400	Blotchy Gab	18-40%	2m	G	<15		150			
7200	6441.610	445.190	"	5-25%	2m	G	<15			<50	<100 Pt	py ch heavily gossaned
7201	6441.590	445.500	"	10%	1m	G	<15					py ch
7202	6439.750	447.000	Meta gabbro	<1%	2m	G	<15		100			
7203	6439.400	446.900	"	<1%	1m	G	<15					(beared)
7204	6439.340	447.030	"	1%	2m	G	<15					shear near shale contact
7205	6439.050	447.100	Blotchy Gabbro	1%	1m	G	<15					
7206	6439.030	446.970	Shale	30-50%	1m	G	<15					very contorted
7207	6439.290	446.700	Blotchy Gabbro	3-5%		G	<15		150			py ch
7208	6439.170	446.700	"	1-3%		G	<15		58			QV & graphite in shear-
7209	6439.510	446.600	"	2-5%		G	18		161			very fine sulphides
7210	6439.850	446.300	Metagabbro	1-3%		G	<15			<50	<100	some shale included ~ 30% py
7211	6440.950	445.810	"	1-3%		G	<15					
7212	6441.070	445.760	Black Shale	3-50%		G	<15		170			Black shale Q.V. some Metagabbro
7276	6439.390	446.810	Meta Gabbro	1-3%	2m	G	<15	1700	240			
7277	6439.390	446.810	"	1-3%	2m	G	<15					
7278	6439.090	447.020	Blotchy Gab	1-3%	1m	G	<15					py ch
7279	6439.310	446.810	"	3-5%		G	<15					py
7280	6439.690	446.700	"	3-5%		G	<15					py
7281	6439.650	446.450	"	3-5%		G	<15					py
7282	6440.950	445.950	"	1-3%		G	<15					py

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Gerido Lake - Central

JUNE 2 13-7218
83-7290

LA FOSSE PT. GROU

Ledoux

Date: June 25 7211-7299
7212-7221 Sampled by: Graeme Scott
Philippe Cloutier

NTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks	
	N	E					Pt	Pd	Au			
7213	6440.390	447.400	FINE GABBRO	<1%	15cm	G	<15			239		QV in Gabbro pyrite caten
7214	6439.800	447.500	BLOTCHY GABBRO	1%		G	<15			179		py ch
7215	6439.910	447.510	"	1-5%		G	<15			200		
7216	6440 ²⁴⁰	447.530	"	<1%		G	<15	90				very Gossaned
7217	6440.450	447.500	"	1%		G	<15			100		py
7218	6441.100	447.400	"	1%		G	70					Black shale contact shale 50%
7283	6440.450	447.320	Gabbro	1-3%		G	<15			90		py
7284	6439.700	447.450	Blotchy Gabbro	1-3%		G	<15			599		some shale 50% py ?
7285	6439.850	447.500	"	1-3%		G	<15			34		"
7286	6439.850	447.500	"	3%		G	<15					py
7287	6440.030	447.480	"	1%		G	<15					py
7288	6440.280	447.500	"	1-3%		G	<15					py
7289	6440.620	447.450	"	3-5%		G	<15					py
7290	6440.800	447.410	"	5%		G	<15					Black shale contact 40% py
7291	6443.670	445.300	Volcanics ^(Basalt)	11%		G	<15			95		sheared
7292	6442 ⁹⁵⁰	444.900	Blotchy Gabbro	1%		G	<15					py
7293	6442.900	444.850	"	3-5%		G	<15	27				py ch
7294	6443.000	444.760	"	1-3%		G	<15					py
7295	6444.060	444.740	"	10-40%		G	105	36				Gossaned tested positive for nickel
7296	6444.150	444.660	Shale	60%		G	<15					py
7297	6444.240	444.650	"	10-40%		G	<15					py ch
7298	6444.210	444.700	"	10-40%		G	<15					py ch
7219	6443.000	444.750	"	1-3%		G	54			75	Lakefield check	py ch
7220	6442.910	444.780	"	1-3%		G	<15			<50Pt	<100Pt	py
7221	6442 ⁹⁶⁰	444.700	"	1-3%		G	<15			119		Quartz py ch

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Gerido Lake - Central

June 25 7222-7228
 June 26 7229
 June 27 7233

LA FOSSE PT. GROU

Ledo L.

Date: _____ Sampled by: Graeme Scott
Philippe Cloutier

NTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	N _i ^{ppm}		Au	Pt	
7222	6443.200	444.690	Blotchy Gabbro	3-5%		G	56					sheared
7223	6443.260	444.990	"	1-3%		G	210		100	180		py Lakefield check <100 Pt; <50 Pd.
7224	6443.440	444.450	"	1-3%	5m	G	<15		33	<15		at shale contact
7225	6443.440	444.450	Shale	70-80%	1m	G	<15					py
7226	6443.720	444.410	Blotchy Gabbro	1-3%		G	<15			100		py
7227	6445.600	447.060	Quartz vein	1-5%	3m	G	<15		17			py ch ankerite
7228	6444.920	443.800	Gabbro	1%		G	<15		15			shear in Gabbro
7229	6447.490	447.175	Gabbro	3-8%	5m	G	25	138	1249	50		medium grained py ch pyr tests for nickel
7230	6446.500	447.410	"	1%		G	<15					py ch
7231	6445.460	448.100	"	1%		G	<15		109			shear chlorite
7232	6446.310	447.550	Metagabbro	1-3%	1m	G	<15					very silicious
7233	6444.400	447.800	"	1%		G	<15					
7234	6454.950	445.610	Gabbro	10-60%	7m	C	<15			249		possibly top of Blotchy Gabbro py ch py tested positive Ni
7235	6454.650	445.700	"	"	2m	C	<15			205		pyr ch Lakefield check <100 Pt; 250 Pd
7236	6454.750	445.730	"	"	2m	C	45			125		pyr ch
7237	6455.130	445.500	Blotchy Gabbro	10-20%		G	<15			<15		pyr ch
7238	6455.350	445.350	"	"	5m	C	31			27		py pyr tested positive Ni
7239	6455.350	445.350	"	"	5m	C	<15			150		pyr ch
7240	Lineation L	?	sheared blk's	1%	1m	G	<15					min ch
7241	"	?	Blotchy Gabbro	1%	"	G	<15					

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - Central

LA FOSSE PT. GROUP

Long. 67° 42' N. Gerido
Lat. 58° 03' N. (L. Michon)

Date: June 13/86 Sampled by: Ron Lemery

NTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Pd	Au.	check Pt	check Pd		
9501	6432340	458620	Basalt	<1%	50m	R	<15	<15					Basalt of minor py
9502	6432720	459300	Qtz diorite	<1%	30	R	<15	<15					Qtz diorite of pyroline ~3%
9503	6432780	459440	Qtz diorite	<1%	30	R	<15	<15			L100	L50	hill margin of basalt
9504	6433020	459500	Mttagabbro	1%	60	R	<15	<15					minor a. activity & ke x ¹²⁰ gty. Rusty weathering.
9505	6435640	458900	Gabbro	<1%	20	R	<15	<15					Med. grained mesogabbro
9506	6435800	459000	Phyllite	5%	200	R	<15	<15	22				7m above contact of very rusty gabbroic sill. (see notes)
9507	6435790	459040	Phyllite	5%	200	R	<15	<15	27				RT contact of gabbro
9508	6435790	459040	Gabbro	5%	200	R	<15	<15	30				RT contact
9509	6435870	459050	Mesogabbro	4.5%	200	R	<15	<15	27				7m above contact, of minor op, po & py
9510	6435820	459090	Mesogabbro	4.2%	200	R	<15	<15	<5				12m above contact.
9511	6435700	458240	Mttagabbro	<1%	300	R	<15	<15					Rusty mesogabbro
9512	6435500	457700	Gabbro	<1%	30	R	<15	<15					Med grained mesogabbro
9513	6434490	456950	Basalt	<1%	400	R	<15	<15			L100	L50	Basalt of minor min.
9514	6432210	456980	Gabbro	2.1%	200	R	<15	<15	61				Pyro gabbro near contact of phyllite (to west).
9515	6432200	457150	Gabbro	~3%	20	G	<15	<15					Gabbro of py & minor po
9516	6432200	457230	Gabbro	~3%	40	G	<15	<15					Mesogabbro of py, minor po & th. op
9517	6432120	458000	Basalt	~1%	100	R	20	<15					Basalt of minor po.
9518	6431520	458620	Basalt	1%	60	R	<15	<15					Brecciated basalt in fault zone
9519	6429600	458650	Gabbro	1%	30	R	30	<15					near / hence Gabbro
9520	6429330	458700	Gabbro	2%	20	R	28	<15					Slaty mesogabbro

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - Central 22

LA FOSSE PT. GROUP

Gerido (Leslie Johnson)

Date: June 15/86

Sampled by: Ron Lavery

NTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses						Remarks	
	N	E					Pt	Pd			Lake Field Pt	Check Pd		
9521	6428940	452920	Gabbro	2%	5m	B	<15	<15						At contact of phyllite.
9522	6428720	452980	Blotchy gabbro	1%	5	R	25	↑						Trace py.
9523	6428770	452900	Gabbro	1%	20	R	70				<100	<50		Pyroxene-rich melanogabbro
9524	6430180	452090	Gabbro	1%	50	R	<15	↑						Alumina-rich gabbro (approaching peridotite) at base of sill.
9525	6430280	452080	Gabbro	1%	50	R	↑							Melanogabbro of minor py.
9526	6431520	457280	Gabbro	1%	100	R								Chill zone at base of sill
9527	6431670	457270	Gabbro	1%	100	R								Med. gr. mesogabbro
9528	6431670	454830	Metasediment	2%	30	R								Near contact of gabbro.
9529	6431680	454900	Peridotite	3%	2	R								At base of sill
9530	6431700	454880	Pyroxenite	3%	1	R								Fine gr. act. to olivine
9531	6431770	454850	Gabbro	1%	20	R								Low titanium manganese?
9532	6431790	454900	Gabbro	1%	40	R								Mesogabbro of minor py.
9533	6431770	453950	Highly metased.	2%	5	R	↓				<100	<50		In contact of gabbro
9534	6431760	453880	Gabbro	4%	40	R	<15							3m above contact.
9535	6432160	453470	Gabbro	5%	3	R	20							Fine gr. chill margin near reds.
9536	6432180	453450	Blotchy gabbro	3%	2	R	50							Trace py.
9537	6432200	453500	Mesogabbro	1%	5	B	<15							Blebbles of antiferrous py ~ 2cm diam.
9538	6431030	453000	Gabbro	3%	2	R	↑							In contact of reds.
9539	6430980	452960	Gabbro	2%	6	R								W/ fine gr. py + po
9540	6430850	453060	Blotchy gabbro	1%	3	R		↓						Minor sulphides.
9541	6430790	453000	Mesogabbro	1%	5	R	↓	<15						Disseminated py + po.
9542	6430830	453130	Gabbro	4%	3	R	<15	30						Near chill margin of reds.
9543	6430750	453120	Gabbro	<1%	20	R	20	<15			<100	<50		Bluish grey matrix.
9544	6433060	453780	Gabbro	<1%	40	R	35	<15						Med. grained mesogabbro

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - Central

LA FOSSE PT. GROUP

Gerido (Leslie/Evidence)

Date: June 22/86

Sampled by: Ron Lemery

NTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Pd			Lakefield Pt		check Pd
1545	6433130	453540	Gabbro	2%	2m	R	<15	<15					Trace olivine
1546	6433100	453530	Gabbro	2%	2m	R	↑	<15					Heavy, dark green melanogabbro
1547	6433130	453500	Gabbro	1%	5	R		<15					Pyroxene-rich gabbro
1548	6433400	452260	Gabbro	4%	2	B		22					Near contact of rocks
1549	6433390	452200	Gabbro	2%	4	R		6.3					3m above contact
1550	6433470	452210	Gabbro	2%	4	G		47					Dissem. pz.
1551	6433480	452150	Gabbro	5%	20	B	↓	40					Rich in dissem. pz.
1552	6433400	451370	Blotchy gabbro	1%	3	B	<15	<15					Very minor pz
1553	6429660	455880	Blotchy gabbro	4%	3	B	24	16					Enriched #1: showing (see notes)
1554	6432370	452890	Gabbro	2%	20	G	27	<15			<100	<50	Melanogabbro w/ py + tr. pz
1555	6432120	452750	Blotchy gabbro	<1%	5	B	<15	↑					Minor py + pz.
1556	6431900	452400	Gabbro	1%	2	R	↑						Pt base of sill
1557	6431950	452420	Gabbro	3%	4	R							4 m above base
1558	6431750	452370	Vibronodes	5%	2	C							From trench (see notes)
1559	6432030	452380	Gabbro	2%	0.5	G							From 20M (see notes).
1560	6431570	451230	Gabbro	<1%	100	R	↓						Fine pz. at trace sp.
1561	6431600	451180	Gabbro	<1%	30	R	<15						Pyroxene-rich melanogabbro
1562	6432240	451780	Basalt	2%	4	R	33						Dissem. pz
1563	6431110	452010	Gabbro	1%	4	Chip	36				<100	<50	Dissem. pz.
1564	6430980	451930	Blotchy gabbro	1%	4	Chip	35	↓					Trace pz.
1565	6431080	450600	Gabbro	<1%	3	R	<15	<15					Trace pz.

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Gerido Lake - Central

LA FOSSE PT. GROU

Gerido (Leslie/Chrysl)

Date: _____ Sampled by: CRISTINA COLE

NTS: 24 F 13

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks	
	N	E					Pt	Au	Pd	Ag ^{ppm}		
9013	48.32	456.48	MESOGABBRO	3%		B	<15	<5	<15		P.G.06-16-1	
9013	38.97	456.74	BL. GABBRO	20%	0.11	B	25		44		P.06-16-2	
9014	35.27	456.84	MESOGABBRO	5%		B	<15		<15		P.06-16-3	
9017	26.06	458.00	GABBRO	5%		R	<15		<15		P.06-22-1	
9018	27.96	457.10	BL. GABBRO	10%	7	R	<15		37		P.06-22-2A	
9019	27.96	457.10	BL. GABBRO	10%	5	R	40		139	Lakefield Pt Pd	P.06-22-2B	
9020	27.96	457.10	PYROXENITE-Pt	10%	3	R	50	50	276	120 840	P.06-22-2C	
9021	27.96	457.10	PYROXENITE-Pt	10%	2	R	425 ^{ppm}	2140 ^{ppm}	1610 ^{ppm}	690 5050	P.06-22-2D	
9022	27.90	457.10	PYROXENITE	10%	3	R	582 ^{ppm}	175	1670 ^{ppm}		P.06-22-2E	
										Cu % Ni %		
2401	64 27 960	4 57 100	Pyroxenite		0-3'E	C	9.06g	266	0.61g	25	10.2% 0.017%	Goose Pond - Resample trench
2403			V.Q.-Float			R		102	75		0.32% 0.043%	Float
2404	64 27 960	4 57 100	Pyroxenite		7'E-11'E	C	75		2200		2.79% 0.10%	Goose Pond - Resample trench
2405	64 27 960	4 57 100	Pyroxenite		3'E-6'E	C	750		0.29g		4.78% 0.033%	Goose Pond - Resample trench.
2411												
2413												
2414												
2415												

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Gerido Lake - Central 25

LA FOSSE PT. GROUF

Gerido (Leslie/chrysler)

Date: 7/26/25

Sampled by: CRAIG COOKE

NTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Au	Pd	lakefield Pt	check Pd	
9001	439.83	457.04	SHOULDER SILICATE	10%	10m	B	25	54	57			P.06-13-1
9002	439.85	457.04	QTZ VEIN	2%	0.3	B	<15	61	47			G.06-13-2
9003	439.87	457.00	QTZ POC	9%	0.5	B	20	60	79			G.06-13-3
9004	439.85	457.04	Gabbro	4%		B	<15		45			P.06-13-4
9005	433.18	456.90	LEUCOGABBRO	TR		R	<15		35			P.06-15-1
9006	433.18	456.90	BLTCHY GABBRO	TR		R	<15		16			P.06-15-2
9007	435.90	456.73	BLTCHY GABBRO	TR		R	<15		<15			P.06-15-3
9008	435.90	456.73	BL. GABBRO	TR		B	<15		<15			P.06-15-4
9009	435.90	456.53	BL. GABBRO	1%		B	<15		37			P.06-15-5
9010	435.90	455.70	BL. GABBRO	5%		B	<15		33	<100	<50	P.06-15-6
9011	434.83	456.06	BL. GABBRO	1%		R	<15					P.06-15-7
9012 to 9014 → NTS: 24K/4												
9015	430.46	455.14	MESOGABBRO	TR	8m	R	<15		<15			P.06-21-1
9016	439.35	454.79	GABBRO	TR	7m	B	<15	<5	<15			P.06-21-2
9023	439.99	455.45	MELNOGABBRO	TR	10m	G	<15		29			9023
9024	439.99	455.45	MESOGABBRO	10%	6m	R	<15		105			9024
9025	430.00	455.53	MESOGABBRO	2%	5m	R	<15		<15			9025
9026	430.00	455.53	LEUCOGABBRO	TR	5m	R	<15		28			9026
9027	430.00	455.53	BL. GABBRO	15%	3m	R	29	25	165			9027
9028	430.00	455.53	BL. GABBRO	10%	5m	R	<15		<15			9028
9029	431.96	453.47	LEUCOGABBRO	TR	8m	R	31		142			9029
9030	431.96	453.47	MESOGABBRO	TR	6m	R	<15		49			9030
9031	431.96	453.47	MESOGABBRO	TR	11m	R	<15		24	<100	<50	9031

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

TR → TRACES

Gerido Lake - Central.

Date: _____ Sampled by: CRAIG COOKE

NTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks	
	N	E					P _T	P _V	P _d			
9032	⁶⁴ 30.11	454.48	LEUCOGABBRO	Tr	11m	R	<15		<15			P.06-26-1
9033	⁶⁴ 30.22	453.46	MESOGABBRO	10%	5m	R	<15		46			P.06-26-2
9034	⁶⁴ 30.35	453.37	MESOGABBRO	5%	7m	R	<15	99	70			P.G-06-26-3
9035	⁶⁴ 30.35	453.37	MESOGABBRO	10%	3m	R	<15		51			P.06-26-4
9036	⁶⁴ 30.66	452.79	GABBRO	1%	5m	R	<15	<5	46			G-06-27-1
9037	⁶⁴ 30.62	452.79	GABBRO	3%	11m	R	<15		40			P.06-27-2
9038	⁶⁴ 30.43	452.14	BL. GABBRO	2%	2m	R	<15		<15			P.06-27-3
9039	⁶⁴ 30.43	452.14	BL. GABBRO	10%	2m	R	<15	<5	41			P.06-27-4
9040	⁶⁴ 30.43	452.14	BL. GABBRO	1%	2m	R	<15	7	77			P.G-06-27-5
9041	⁶⁴ 30.43	452.14	MASSIVE SULFIDES		1 1/2 m	R	<15	102	<15			P.G-06-27-6
9042	⁶⁴ 30.43	452.14	BL. GABBRO	60%	3m	R	<15	51	<15			P.G-06-27-7
9043	⁶⁴ 30.40	452.09	GABBRO	80%	6m	R	<15		<15			P.06-27-8

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab TR-TRACE

Gerido Lake - Central

LA FOSSE PT. GROUP

POUCH LAKE

Date: _____ Sampled by: C. COOKENTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Pd	Au			
9044	⁴ 39.63	⁴ 54.59	SHEARED GABBRO	5%	6m	R	<15	<15	82			P.G. 9-07-1
9045	39.62	54.49	MELANO GABBRO	2%	3m	R	↑	↑				P. 07-9-2
9046	39.55	54.64	SHEARED GABBRO	10%	5m	R			<5			P. 07-9-3
9047	38.44	55.51	GABBRO	2%	13m	R						P. 07-11-1
9048	38.35	53.54	SHEARED GABBRO	5%	10m	R			<5			P.G. 07-11-2
9049	37.06	55.85	Black GABBRO	TR	30m	R						P. 07-11-3
9050	37.08	55.88	MELANO GABBRO	1%	15m	R			10			P. 07-11-4
9051	37.10	55.92	BL. GABBRO	1%	21m	R						P. 07-11-5
9052	37.11	55.96	SHEARED GABBRO	10%	15m	R						P. 07-11-6
9053	37.13	56.00	MESOGABBRO	1%	30m	R						P. 07-11-7
9054	37.15	56.04	MESOGABBRO	TR	12m	R						P. 07-11-8
9055	37.16	56.08	BL. GABBRO	TR	30m	R						P. 07-11-9
9056	37.17	56.10	BL. GABBRO	1%	30m	R						P. 07-11-10
9057	37.18	56.11	MELANO GABBRO	1%	30m	R						P. 07-11-11
9058	37.19	56.13	MELANO GABBRO	TR	15m	R						P. 07-11-12
9059	37.38	56.19	LEUCO GABBRO	1%	5m	R			<5			P.G. 07-11-13
9060	38.53	55.48	BL. GABBRO	2%	5m	R						P. 07-12-1
9061	37.00	56.00	MELANO GABBRO	5%	6m	R			15			P.G. 07-12-2
9062	36.71	56.19	MELANO GABBRO	1%	5m	R						P. 07-12-3
9063	35.54	56.14	BL. GABBRO	10%	10m	R						P. 07-12-4
9064	38.35	55.66	MELANO GABBRO	5% 10%	13m	R						P. 07-12-5
9065	38.35	55.61	MESOGABBRO	TR	5m	R						P. 07-12-6
9066	39.66	55.53	MELANO GABBRO	TR	8m	R						P.G. 07-12-7
9067	38.72	55.64	BL. GABBRO	1%	5m	R	↓	↓	10			P. 07-12-8
9068	⁴ 38.57	⁴ 55.69	MESOGABBRO	>5%	5m	R	<15	<15	15			P.G. 07-12-9

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - Central

28

Date: _____

Sampled by: C. COOKENTS: 24K/4

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks
	N	E					Pt	Au	Pd		
9069	⁶⁴ 43,18	⁴ 54,83	ANDESITE	10%	1m	G	<15	<5	<15		P.G. 07-13-1
9070	43,54	54,00	MELANO GABBRO	5%	4m	R	↑		↑		P. 07-13-2
9071	43,54	54,00	ANDESITE	1%	6m	R					P.G. 07-13-3
9072	43,39	53,98	BL. GABBRO	5%	5m	R					P. 07-13-4
9073	42,98	53,80	SHEARED GABBRO	15%	6m	R					P. 07-13-5
9074	42,98	53,80	SHEARED GABBRO	2%	4m	R					P. 07-13-6
9075	42,98	53,80	SHEARED GABBRO	40%	13m	R		10			P.G. 07-13-7
9076	42,95	53,80	SHEARED GABBRO	5%	10m	R		50			P.G. 07-13-8
9077	42,45	54,44	SHEARED GABBRO	10%	13m	R		<5			P.G. 07-13-9
9078	42,29	54,69	MELANO GABBRO	5%	5m	R		<5			P.G. 07-13-10
9079	39,23	55,52	MESOGABBRO	2%	13m	R		<5			P.G. 07-14-1
9080	39,23	55,52	BL. GABBRO	1%	22m	R		(379)			P. 07-14-2
9081	42,74	54,33	SHEARED BL. GABBRO	20%	21m	R		<5			P.G. 07-14-3
9082	42,70	54,35	SHEARED BL. GABBRO	20%	17m	R	↓	<5	↓		P.G. 07-14-4
9083	39,12	55,11	MESOGABBRO	TR	17m	R	<15		<15		P. 07-14-5
9084	39,12	55,11	BL. GABBRO	TR	20m	R	<15	77	<15		P. 07-14-6
9085	39,15	55,03	BL. GABBRO	TR	40m	R	<15	72	<15		P. 07-14-7
9086	39,40	54,72	BL. GABBRO	TR	25m	R	<15	47	<15		P. 07-15-1
9087	39,41	54,76	MESOGABBRO	TR	20m	R	<15	55	<15		P. 07-15-2
9088	39,41	54,79	MESOGABBRO	TR	20m	R	<15	95	<15		P. 07-15-3
9089	39,42	54,81	BL. GABBRO	TR	17m	R	<15	182	<15		P. 07-15-4
9090	⁶⁴ 39,42	⁴ 54,84	MESOGABBRO	TR	28m	R	<15	144	<15		P. 07-15-5

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - Central

Date: 11/1

Sampled by: B. Dillman

NTS: 24 F/13 E

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks
	N	E					Pt	Au	Ni ppm	Pd	
7451	6423.14	461.85	blotchy gabbro	2%	8	B	<15				
7452	6423.37	461.92	gabbro	1%	1	B	↑				
7453	6423.63	461.69	gabbro	2%	2	BR					contact basalt + gabbro, DH
7454	6423.8	461.38	gabbro	1%	3	B					
7455	6423.9	461.32	phyllite	10%	1.5	B					quartz vein 1 foot
7456	6424.0	461.3	gabbro	?	2	B					gossan no visible py.
7457	6424.66	460.99	gabbro	1%	5	B					
7458	6423.6	462.39	phyllite	10%	1.3	B				271	qtz + py. stringers
7459	6422.88	462.14	gabbro	1%	0.3	B					shear, 4" wide Qtz vein
7450	6427.2	459.66	gabbro	2	4	B			37		
7461	6427.14	459.47	gabbro	10-20	7	BC			433	90	occurrence E of south Gerido L. } react
7462	6427.14	459.47	gabbro	10-20	3	BC			172	400	" " " " " " } with
7463	6427.14	459.47	gabbro	10-20	2	BC			272	120	" " " " " " } at po.
7464	6427.14	459.47	gabbro	10-20	0.3	B			190	745	" " " " " " }
7465	6425.13	460.67	phyllite	1-2	1	B				301	phyllite in gabbro
7466	6422.7	462.05	blotchy gabbro	1-2	1	B			25		possible sphalerite
7467	"	"	Quartz	1-2	1	B		113			massive calcopy, azurite
7468	6423.7	462.23	phyllite + Quartz	1-10	2	B			76		
7469	"	"	Quartz	10-40	1	BR					in phyllite
7470	6422.6	460.8	gabbro	2	0.5	B		34			
7471	6422.55	460.7	gabbro-phyllite	1-10	0.5	BR		24			contact
7472	6422.14	462.65	blotchy gabbro	2	10	B		29			
7473	6421.93	462.78	blotchy gabbro	2	8	B		30			
7474	6421.8	462.95	basalt	2	2	B	↓	42			qtz + pyrochlore stringers, ^{near} contact
7475	6421.6	463.03	blotchy gabbro	2	4	B	<15	122			

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

DH - Drill hole

Gerido Lake - South

LA FOSSE PT. GROUP

Prinzells L

Date: _____

Sampled by: B. D. Luman

NTS: 24F/13E

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Au	Ni ppm	Co ppm	Lakefield check Pt		Pd
7476	6421.43	463.4	Basalt	1	2	B	<15	29					
7477	6421.45	463.13	blotchy gabbro	3	3	B	↑	17					
7478	6421.36	463.22	blotchy gabbro	10-20	4	BC		25	181				trench
7479	6421.25	463.4	blotchy gabbro	10-20	8	BC		340	109				trench, East 8m } same site
7480	"	"	blotchy gabbro	1-20	8	BC		100	153				trench, West 8m }
7481	6420.95	464.32	altered Basalt	5	2	B		25					
7482	6420.75	463.95	basalt-gabbro	5	2?	B		10					Qtz
7483	6421.04	463.65	phyllite	50%	2	B		299					phyllite band between blotchy-basalt
7484			gabbro	2	1	B		<5					taken at Pindhouse L
7485			gabbro	1	1	B		32					between Gerido
7486	6421.13	461.7	blotchy gabbro	10-20	4	BC		54	180	40			trench ? same @ M. wide
7487	6421.13	461.7	" "	" "	" "	" "		27	169	103			trench } w spot
7488	6421.1	461.65	" "	10-20	6	BC		29	1744	164			trench
7489	6421.05	461.73	blotchy	10-20	4	BC		25	1132				trench " ? 8m wide
7490	"	"	"	10-20	4	BC		25	1616				trench w }
7491	6420.93	461.76	blotchy gabbro	10-20	6	BC		27	2056	236			trench
7492	6422.5	460.2	basalt	3	2	B		12					maybe chert
7493	6422.5	460.1	basalt	3-5	1	B		25					
7494	6422.25	459.1	basalt	2	1	B		289					
7495	6422.33	458.95	Qtz.	1.5	2	B		60					native copper (dissim)
7496	6422.55	458.8	phyllite	2	2	B		50					
7497	6422.86	458.45	basalt	5	3	B		22					
7498	6422.78	458.85	basalt	4	1	B		55					
7499	6423.24	457.58	phyllite	5-10	3	B	↓	37					
7500	6423.25	457.48	Qtz.	5	.3	B	<15	82			<100	<50	traced for soft 6" wide

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - South

Date: _____

Sampled by: B. D. UmanNTS: 24F/13

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Au	Co ppm	Ni ppm	Lakefield Pt		check Pt
7501	6423.1	457.4	Phyllite	5	10	B	<15	45					contacts Blotch
7502	6422.73	457.55	Phyllite + blotch	2	1	B		45		131			phyllites in Blotch
7503	6422.64	457.68	blotchy gabbro	4	2	B		45		93			
7504	6422.2	459.3	basalt	10	1	B		45					shear
7505	6423.34	456.2	blotch	5	0.3	B		45					cross fracture
7506	6423.78	455.83	gabbro	5	1	B		45					
7507	6423.85	455.9	phyl. - quartzite	2	1.5	B		45					
7508	6424.54	456.32	blotchy gabbro	20-50	5	BC		45	175	649			
7509	6424.2	457.3	blotch	5	3	B		45		107			Drill hole, shear
7510	6424.23	457.22	basalt - phyllite	1	1	B		45			<100	<50	shear
7511	6424.8	457.3	qtz. + basalt	5	1	B		45					
7512	6423.3	459.97	gabbro	5	1	B		45					
7513	6423.1	460.0	gabbro	3	1	B		45					
7514	6423.1	459.78	phyl - basalt	5	2	B		45					shear
7515	6423.8	459.28	basalt	5	0.3	B		216					shear
7516	6423.3	459.12	gabbro	10	1	B		32		133			
7517	6423.87	458.95	phyl - quartzite	5	1	B		10					syncline axis.
7518	6426.23	457.64	phyllite - basalt	10	3	B		42					
7519	6426.41	457.68	basalt	15	2	B		45					
7520	6426.28	457.73	blotch gabbro	5	4	B		182		123	<100	<50	
7521	6426.87	457.43	" "	2	2	B		175					
7522	6426.8	457.65	blotch	5	3	B		18					
7523	6426.56	457.83	blotch - phyllite	5	6	B		6			<100	<50	contact
7524	6426.3	458.0	blotch	20	0.3	B		125		640			
7525	6426.2	458.1	phyllite	20	1	B	<15	45					phyllite in blotch

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - South

Date: _____

Sampled by: B. Dillman

LA FOSSE PT. GROU'

Prinzell

NTS: 24F/13E-E

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Lakefield Check		Remarks
	N	E					Pt	Au	Ni ppm	Co ppm	Pd	Pt	Pd	
7526	6426.15	458.0	phyllite	10	4	B	<15	154						Flag L-4
7527	6425.09	458.73	blotch	30	8	B	↑	100	98			<100	<50	
7528	6424.48	459.08	phylt-blotch	20	5	B		40						
7529	6424.2	459.25	blotch	2	3	B		155						old drill site
7530	6423.4	459.15	basalt	2	1	B		42						Flag L-1
7531	6423.56	459.03	basalt	2	1	B		52						" L-2
7532	6423.55	459.03	blotch	4	1	B	↓	74						" L-3
7533	6422.18	460.15	basalt	5	20	B	<15	<5						
7534	6421.56	459.8	phyllite	50	2	B	15	<5						
7535	6421.15	458.8	blotch	10	.3	B	50	<5						
7536	6420.85	458.47	phyllite	5	1	B	<15	<5						
7537	6421.15	458.38	gabbro	15	1	B	↑	<5	351	184				
7538	6421.15	458.38	blotchy	10		BR		<5						float
7539	6422.05	456.8	phyllite	10	2	B		<5						shear
7540	6419.8	464.1	phyllite	2	2	B		54						
7541	6419.93	464.15	gabbro	5	.3	B		50						check Pt <15; Pd <15
7542	6420.1	464.42	basalt	5	2	B		41			240			check Pt <15; Pd 18
7543	6419.62	464.53	phyllite-blotch	70	3	B		109						contact
7544	6420.08	462.56	blotch	2	1	B	↓	70			56			check Pt <15; Pd 62.
7545	6420.5	462.01	pyrrhotite calcopg.	100	1	C	<15	150	8300	74.8	35			amazing! check Pt <15; Pd <15
7546	6420.5	462.01	blotch	50	3	BC	48	52	3500	327	180	260	340	E 3m of 11m trench
7547	6420.5	462.01	blotch	50	3	BC	18	44	644		175			mid. 3m of 11m trench
7548	6420.5	462.01	blotch	20	5	BC	<15	48	601		27			W 5m of 11m trench
7549	6419.68	462.8	blotch	10		B	<15	62			<15			dumped core beside hole
7550	6422.19	460.55	phyllite	5	1.5	B	<15	31			<15			

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - South

53

Date: _____

Sampled by: B. DillmanNTS: 24F/13E-E

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks
	N	E					Pt	Au	Ni ppm.	Pd.	
7551	6422.3	460.6	blotch	1	4	B	<15	78		<15	
7552	6422.6	460.53	"	4	2	B	↑	31		↑	
7553	6422.98	460.2	gabbro	5	1	B	↓	51			
7554	6422.98	460.28	gabbro	50	0.3	B	↓	111	194		Lakefield check Pt Pd shear
7555	6420.1	459.75	basalt	5	1	B	<15	124			
7556	6420.1	459.67	basalt	10	1.5	B	24	50		<100 <50	shear
7557	6420.05	459.58	blotchy gabbro	5	.3	B	<15	36			
7558	^{6420.03} 6422.03	459.52	phyllite	10	1	B	↑	415			
7559	6419.95	460.1	blotch	20	1	B	↑	32			
7560	6419.85	460.1	phyllite	5	1	B	↑	45			
7561	6419.85	459.5	blotch	20	2	B	↑	61			drill hole
7562	6419.95	459.5	blotch + Qtz	90	0.3	B	↑	54			
7563	6418.9	463.3	Qtz	2	0.3	B	↑	45			1' wide
7564	6418.6	463.45	gabbro	5	1	B	↑	45			"
7565	6418.1	464.16	phyll. - basalt	1	.3	B	↑	6			
7566	6419.85	463.45	sediment	3	8	BR	↑	22			carbonated
7567	6419.85	463.45	Qtz	5	.6	BR	↓	45		↓	" 18
7568	6417.7	460.2	Iron-bearing rock	1	3	BR	<15	21		<15	Ho Ho!

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - South

LA FOSSE PT. GROUP

Gerido
Lac leopard.

Date: July 8/66

Sampled by: Ron Lowery

NTS: 24 F/13 E-E + 24 F/14 West Half

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Pd		Au	Ni	
9566	6414670	467040	Blotchy gabbro	<1%	20m	Chip	<15	<15		85	ppm	Very minor py, cp
9567	6414750	466940	Blotchy gabbro	<1%	20	Chip	<15	<15		60		Same
9568	6415360	467820	Blotchy gabbro	<1%	50	R	<15	<15		25		Minor py
9569	6415800	467350	Blotchy gabbro	1%	3	G	<15	<15		35		Minor py + po
9570	6416300	466890	Blotchy gabbro	<1%	6	Chip	<15	<15		57		Very minor sulphides
9571	6416320	466640	Gabbro	1%	15	R(chip)	<15	33		108		Trace cp, py.
9572	6411170	466810	Blotchy gabbro	<1%	4	Chip(R)	<15	<15		134		Trace in sulphides.
9573	6406640	470630	Blotchy gabbro	5%	2	Chip	<15	75		52		From trench 9 (see notes)
9574	6406680	470590	Blotchy gabbro	5-10%	2	Chip	<15	82		97		Trench 10. cp, po, pd.
9575	6406740	470500	Blotchy gabbro	5%	2	Chip	<15	<15		207		Trench 11. (see notes)
9576	6406480	470800	Blotchy gabbro	6%	2	Chip	<15	133		45		Trenches 6 + 7.
9577	6413040	465750	Blotchy gabbro	<1%	3	Chip	<15	<15		15	58	Unknown pink x ^{LS} (anything?)
9578	6413100	462700	Gabbro	<1%	15	R(chip)	<15	<15		20		Tr. cp. Same min. as 9577
9579	6411940	462220	Gabbro	<1%	2	R	<15	<15		40		Trace cp.
9580	6409870	461500	Gabbro	2%	4	R(chip)	<15	<15		25		Py, trace cp.
9581	6410270	461160	Blotchy gabbro	<1%	4	R	<15	<15		12		Py, trace cp.
9582	6410580	460860	Blotchy gabbro	1%	25	R(chip)	<15	<15		40		Very minor cp.
9583	6411960	460400	Gabbro	1%	30	R(chip)	<15	<15		39		Black micagabbro w/ tr. py.
9584	6405940	471390	Blotchy gabbro	10%	10	R(chip)	<15	91		135		From trench (see notes)
9585	6406300	474160	Blotchy gabbro	1%	20	C	40	35		100		Minor po + py, tr. cp
9586	6406270	474140	Blotchy gabbro	1%	20	C	<15	<15		<15		Same
9587	6406210	474100	Blotchy gabbro	1%	20	C	<15	<15		<15		Same.
9588	6405620	474930	Blotchy gabbro	1%	20	C	<15	<15		<15		Minor po + py
9589	6405560	474890	Blotchy gabbro	1%	30	C	<15	<15		142		Same.
9592	6405000	474550	Blotchy gabbro	<1%	15	R(chip)	<15	<15		35		Minor po

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Gerido Lake - South

LOCATION Gerido

Deposit _____

Sampled by R. Lemery

Section	DDH	From	To	Feet	Sample No.	Analyses					Remarks
						Pt	Pd	Au		Lakofield check Pt Pd	
	sc-71-3	368 460	386 475	18 15	7669	<15	<15				
	sc-71-6	62 92 164	75 109 176	13 17 12	7664	A	<15			40	40
	sc-71-7	175	205	30	7665		744			90	300
	A-71-14	50	114	64	7670		660			180	560
	A-71-15	50	120	70	7671		<15				
	A-71-16	42	53	11	7672		<15			90	210
	A-71-19	120	175	55	7668		108			120	370
	A-71-20	143	170	27	7666		<15				
	E-70-21	316	438	122	7680		129			140	190
	E-70-22	246 586	257 608	11 22	7681		18				
	E-70-23	250	445	195	7682		<15				
	E-70-24	500	607	107	7677		114			120	160
	E-70-25	220	435	215	7678		162				
	E-70-25W	9	73	64	7674		258			120	290
	E-70-26	258	415	157	7688		20	102		20	130
	E-70-26W	9	120	111	7675		183			100	260
	E-70-26	418 500	465 596	47 26	7673		88			100	180
	E-70-27AW	6	120	114	7676	V	177			120	170
	E-70-29W	0	150	150	7667	<15	96				

SC - South Canal

A - Andre #1

E - Erickson.

Gerido - Drill core

LA FOSSE PT. GR

Date: _____

Sampled by: Graeme Scott

24/5/2
NTS: 24C/15

Mar ymac

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks			
	N	E					Pt	Pd	Au					
7316	6309 730	527 630	Gabbro	<1%	20m	C	<15							
7317	6309 900	527 600	"	<1%		G	↑							
7318	6309 730	527 630	I.F.	1%		G								
7319	6309 920	527 930	Gabbro	10%		G						at contact with IF		
7320	6309 920	527 930	IF	5%		G						Lakefield check		
7321	6311 575	528 150	sheared Gabbro?	10%		G		36			130	210	Leavage	
7322	6311 550	528 150	Blotchy Gabbro	10%		G							"	
7323	6311 525	528 150	Gabbro	10%		C							"	
7324	VOID		VOID										VOID	
7325	6313 650	526 010	Gabbro	2%		G								
7326	6313 060	525 230	Gabbro	<1%		G							shears	
7327	6312 730	525 410	I.F.	5-50%		G								
7328	6314 ⁴⁵⁰	524 310	Gabbro	1%		G								
7329	6314 500	524 760	I.F.	1%		G								
7330	6313 800	527 690	gneissic amphibole	<1%	20m	G							Medium Gr	
7331	6314 225	526 980		5%		G		64						
9138	62 16 740	5 23 000	Mesogabbro	1	10	R		<15						Sampled by C. Cooke
9139	62 16 680	5 21 700	Leucogabbro	5	16	R		↑		100				"
9140	62 16 150	5 21 130	Sheared gabbro	10	7	R					90	30		"
9141	62 09 950	5 30 340	Blotchy gabbro	5	30	G								"
9142	62 11 150	5 28 970	Gossan	10	19	R								"
9143	62 25 550	5 24 500	Mesogabbro	Tr	16	G								"
9144	62 24 050	5 25 660	Metagabbro	1	6	R		↓						"
595	63 28 600	5 17 550	C.G. Gabbro	3 ^{gr}	0.4	R	↓	<15			60	70		Intermittant for 200m
596	63 28 950	5 17 400	C.G. Gabbro	5	10x20	R	<15	246			130	410		Frost heaved blocks

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Lac Aulneau.

LA FOSSE PT. GR

1378-7350

Date: _____ Sampled by: Graeme Scott, Philippe Cloutier

NTS: 230/10

Sample No	Location		Rock Type	% Sulphide	Width in feet m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Pd	Aw				
7338	6174400	640 770	ultramafic	Tr	25'	C	15						py
7339	6174400	640 765	"	Tr	25'	C	15						py
7340	6173950	640.260	"	5-10%	30'	C	120	15					py ch pyr
7341	6173950	640.260	"	1-5%	15'	C	<15						py ch pyr
7342	6173950	640.260	Gabbro	<1%	30'	C	↑						"
7343	6174.170	640.60	Gabbro?	<1%	80'	G							" possibly ULTRAMAFIC
7344	61742 ³⁰	639.900	ULTRAMAFIC	1%	20'	C							py ch pyr
7345	6174.230	639.905	"	1-3%	25'	C							" " mostly py
7346	6174230	639.915	"	1-3%	50'	C							" "
7347	6174230	639.930	"	1-3%	80'	C							"
7348	6174200	639.960	"	<1%	80'	C							"
7349	6174.200	639.980	"	2.1%	80'	C	↓						"
7350	6174.200	639.910	"	1-3%	20'	G	<15	175					"
7101	6176000	640150	"	1-3%		G	<15						py ch pyr
7102	6176200	639 800	"	1-2%	20'	C	↑						py ch pyr magnetite
7103	6176260	639 750	"	1-3%		G		330					py ch
7104	6176340	639 490	shale	5-58%		G							py pyr very foliated
7105	6176410	639 490	ultramafic	tr.	75'	C							py with serpentinized fractures
7106	6176410	639 490	"	"	35'	C							py
7107	6176 410	639 490	"	"	55'	C			148				"
7108	6176 680	639 350	volcanics	1%		G							py (possibly sheared) TUFF?
7109	6176 830	639 200	ultramafic	<1%	30'	C	↓						py ch some serpentine
7110	6176 830	639 200	"	"	25'	C	<15						" Tested for Ni

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Chance Lake

LA FOSSE PT. GRC

Aug: 11-7114
 Aug: 18-7117
 Date: Aug 12 1119-7123

Sampled by: Graeme Scott, Philippe Cloutier

NTS: 23-0/10

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses			Lakefield check		Remarks
	N	E					Pt	Pd	Au	Pt	Pd	
7111	6177.040	639.900	Ultramafic	1-3%	25'	C	<15	156		40	110	py ch no evident serpentine + Ni
7112	6178.500	638.110	"	<1%		G	↑	72				py magnetic
7113	6178.600	637.950	Quartzite	10%		G						py
7114	6177.35	638.910	Ultramafic	1%		G						py ch magnetic
7115	6174.900	639.540	Andesite (shear)	1%		G		<5				py at ultramafic contact
7116	6174.870	639.390	Ultramafic	5-20%	30'	C						py ch pyr
7117	6174.870	639.390	"	5-20%	30'	C						very gossaned
7118	6173.730	641.520	"	<1%		G						fine grained py
7119	6172.550	641.850	"	1%	25'	C	↓			130	50	gossaned serpentine chlorite
7120	6171.950	643.950	"	1-3%		G	<15					py, ch, pyr.
7121	6171.950	643.940	"	1-3%	25'	C	44	116		100	300	" tested for positive Ni, Zn
7122	6171.850	643.940	"	1-3%	25'	C	<15	<15				" "
7123	6172.850	642.900	sheared andesite	3-10%		G	<15		97			py, pyr, ch tested positive Zn
2426							<15	<15		120	60	Top of sill
2427							<15	340	71	70	130	Upper middle
2428							<15	240		100	200	Lower middle
2429							<15	180		120	120	Bottom of sill

Chance Lake
F. Scott

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Aug 14 7124-7125
 Aug 15 7126-7127
 Aug 16 7128-7129
 Date: Aug 17 7130
 Aug 18 7131-7132
 Aug 19 7132-7136
 Aug 20 7137-7140

LA FOSSE PT. GRO

Ahr L.

Sampled by: Græme Scott
Philippe Cloutier

NTS: 230/10

Sample No	Location		Rock Type	% Sulphide	Width feet	Sample Type	Analyses					Remarks	
	N	E					Pt	Pd	Au.	Lakefield Pt	check Pd		
7124	6171440	642.750	Ultramafics	1%	35'	C	<15	75			60	120	py ch sulphides in serpentinized fracture
7125	6171440	642.750	"	1-3%	30'	C	↓						"
7126	6168700	644.350	"	tr		G							py tested positive Zn
7127	6170750	648.600	"	tr	120'	C							py
7128	6170750	648.625	"	tr	50'	C			110				py
7129	6170760	648.635	"	tr	100'	C			974				py
7130	6170750	648.650	"	tr	70'	C			405				py
7131	6168290	644.330	"	<1%		G			115				py tested positive Ni, Zn
7132	6170700	648.530	Ultramafics	upto 1%	70'	C	↓						carbonated tested positive Ni
7133	6170710	648.540	"	"		G	<15						"
7134	6170050	648.050	"	<1%	100'	C	↑		264		80	30	
7135	617065	648.090	"	tr	80'	C			233				
7136	6170140	648.100	"	tr	70'	C			179				
7137	6170100	642.040	"	tr	40'	C							
7138	6170100	642.050	"	tr		G	↓						
7139	61 ⁶⁶ 700	645.530	Ultramafics??	<1%		G	<15						very dark but some py ag tested positive Ni Zn
7140	61 ⁶⁶ 790	645.450		<1%		G	120	40			<20	70	"

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Chance L. - Ahr Lake

Date: _____ Sampled by: C. COOKENTS: 23-0/8 (SE)

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Lakefield check		Remarks
	N	E					Pt	Pd	Au.	Pt	Pd		
9165	⁶¹ 51,10	⁶ 58,62	Pyroxenite	3%	16m	R	<15	<15					P.08-10-1
9166	51,11	58,65	Pyroxenite	3%	16m	R	↑	↑					P.08-10-2
9167	51,12	58,67	Pyroxenite	3%	16m	R	↑	↑					P.08-10-3
9168	51,14	58,69	Pyroxenite	3%	16m	R	↑	↑					P.08-10-4
9169	51,15	58,72	Pyroxenite	3%	16m	R	↑	↑	51				P.08-10-5
9170	51,17	58,75	Pyroxenite	3%	16m	R	↑	↑					P.08-10-6
9171	51,18	58,77	Pyroxenite	3%	16m	R	↑	↑					P.08-10-7
9172	51,20	58,80	Pyroxenite	3%	16m	R	↑	↑					P.08-10-8
9173	50,98	58,90	Pyroxenite	10%	10m	R	↓	↓	<5				P.08-10-9
9174	50,95	58,98	Pyroxenite	10%	10m	R	↓	↓	12				P.08-10-10
9184	50,80	58,84	Pyroxenite	TR	10m	R	<15	<15					P.08-16-1
9183	50,77	58,83	Pyroxenite	TR	16m	R	↑	↑					P.08-16-2
9184	50,74	58,81	Pyroxenite	TR	16m	R	↑	↑					P.08-16-3
9185	50,70	58,80	Pyroxenite	TR	25m	R	↑	↑	164				P.08-16-4
9186	50,70	58,45	Pyroxenite	1%	10m	R	↑	↑					P.08-16-5
9187	50,89	58,41	Pyroxenite	TR	5m	R	↑	↓					P.08-16-6
9188	50,87	58,37	Pyroxenite	TR	16m	R	↑	<15					P.08-16-7
9189	50,86	58,32	Pyroxenite	TR	18m	R	↑	75	(2579) ⁰⁸³	130	<10		P.08-16-8
9190	50,85	58,27	Pyroxenite	1%	18m	R	↑	51		60	80		P.08-16-9
9191	59,63	62,46	Pyroxenite	1%	20m	R	↑	<15					P.08-17-1
1192	59,61	62,40	Pyroxenite	1%	20m	R	↑	29					P.08-17-2
9193	59,69	62,56	Pyroxenite	TR	11m	R	↑	<15					P.08-17-3
9194	59,75	61,30	Pyroxenite	1%	16m	R	↑	<15					P.08-17-4
9195	59,74	61,29	Pyroxenite	1%	16m	R	↓	<15		90	30		P.08-17-5
9196	⁶¹ 59,73	⁶¹ 61,27	Pyroxenite	1%	16m	R	<15	40		110	<10		P.08-17-6

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Chance - Harvut

Date: _____

Sampled by: C. COOKENTS: 23-0/8 (SE)

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks
	N	E					Pt	Pd	Lehrfeld check		
								Pt	Pd		
9197	^a 59,72	^b 61,25	Pyroxenite	1%	16m	R	<15	<15			P-08-17-7
9198	59,71	61,22	Pyroxenite	1%	16m	R	↑	↑			P-08-17-8
9199	59,70	61,20	Pyroxenite	1%	16m	R	↑	↓			P-08-17-9
9200	59,69	61,17	Pyroxenite	1%	16m	R	↑	<15			P-08-17-10
9201	59,67	61,14	Pyroxenite	1%	16m	R	↑	10			P-08-17-11
9202	59,66	61,11	Pyroxenite	1%	16m	R	↑	34	110	50	P-08-17-12
9203	59,65	61,08	Pyroxenite	TR	16m	R	↑	60			P-08-18-1
9204	59,64	61,05	Pyroxenite	1%	16m	R	↑	19			P-08-18-2
9205	59,63	61,02	Pyroxenite	TR	16m	R	↑	54			P-08-18-3
9206	59,62	60,90	Pyroxenite	TR	16m	R	↑	55	140	50	P-08-18-4
9207	59,60	60,89	Pyroxenite	TR	16m	R	↑	24			P-08-18-5
9208	59,59	60,87	Pyroxenite	TR	16m	R	↑	21			P-08-18-6
9209	59,58	60,85	Pyroxenite	TR	16m	R	↑	56			P-08-18-7
9210	59,57	60,83	Pyroxenite	1%	16m	R	↑	42	110	70	P-08-18-8
9211	59,56	60,82	Pyroxenite	1%	16m	R	↑	28			P-08-18-9
9212	59,55	60,79	Pyroxenite	1%	16m	R	↑	<15			P-08-18-10
9213	59,54	60,71	Pyroxenite	1%	16m	R	↑	<15			P-08-18-11
9214	59,53	60,64	Pyroxenite	2%	16m	R	↑	19			P-08-18-12
9215	59,52	60,60	Pyroxenite	2%	16m	R	↑	50	120	70	P-08-18-13
9216	59,51	60,44	Pyroxenite	1%	20m	R+G	↓	<15			P-08-18-14
9217	^a 59,56	^b 60,36	Pyroxenite	1%	22m	R+G	<15	24			P-08-18-15

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Chance - Harvut Lake

Date: _____

Sampled by: C. COOKE

NTS: 23-0/9 (NE)

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	PA	Aw	Pt	Pd		
9150	53,75	58,40	Pyroxenite + PLUG	TR	16m	R	<15	<15			100	50	P.08-8-1
9151	53,74	58,39	Pyroxenite	2%	16m	R	↑	↑	107				P.08-8-2
9152	53,73	58,37	Pyroxenite	2%	16m	R	↓	↓					P.08-8-3
9153	53,72	58,36	Pyroxenite	TR	10m	R	↓	↓					P.08-8-4
9154	53,71	58,35	Quartzite	TR	16m	R	↓	↓	245				P.08-8-5
9155	54,50	58,12	Pyroxenite	1%	16m	R	↓	↓					P.08-8-6
9156	54,48	58,08	Pyroxenite	TR	16m	R	<15	<15					P.08-8-7
9218	57,15	63,60	Pyroxenite	2%	16m	R	↑	76					P.08-19-1
9219	57,14	63,58	Pyroxenite	2%	16m	R	↑	<15					P.08-19-2
9220	57,12	63,56	Pyroxenite	1%	16m	R	↑	<15			110	<10	P.08-19-3
9221	57,10	63,54	Pyroxenite	1%	16m	R	↑	↓					P.08-19-4
9222	57,08	63,51	Pyroxenite	1%	20m	R	↑	↓					P.08-19-5
9223	57,71	63,20	Pyroxenite	TR	2m	R	↑	↓					P.08-19-6
9224	57,62	63,24	Pyroxenite	2%	16m	R	↓	↓					P.08-19-7
9225	57,57	63,20	Pyroxenite	1%	20m	R	<15	<15					P.08-19-8

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Chance - Harvut Lake

Date: _____

Sampled by: C. COOKENTS: 23-0/10 (N-W)

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Lakefield check		Remarks	
	N	E					Pt	Pd	Au	Pt	Pd			
9145	⁶¹ 59,83	⁶ 53,56	MESOGABBRO	TR	5m	R	<15	<15					P.08-7-1	
9146	59,89	53,47	MESOGABBRO	TR	13m	R	↑	↑					P.08-7-2	
9147	59,09	53,65	PYROXENITE	2%	10m	R	↓	↓					P.08-7-3	
9148	58,95	53,92	PYROXENITE	1%	16m	R	↓	↓					P.08-7-4	
9149	58,96	53,97	PYROXENITE	1%	16m	R	<15	<15					P.08-7-5	
9157	55,77	57,42	PYROXENITE	2%	19m	R	<15	<15					P.08-8-8	
9175	55,57	57,20	MELANOGABBRO	TR	10m	R	↑	↑					P.08-14-1	
9176	55,50	57,15	PYROXENITE	TR	33m	R	↑	↑					P.08-14-2	
9177	55,90	57,10	PYROXENITE	5%	16m	R	↑	↓					P.08-14-3	
9178	55,85	57,05	PYROXENITE	5%	16m	R	↑	↓					P.08-14-4	
9179	56,30	56,72	PYROXENITE	1%	13m	R	↑	<15					P.08-14-5	
9180	56,25	56,67	PYROXENITE	1%	13m	R	↑	30		120	70		P.08-14-6	
9181	56,40	56,20	PYROXENITE	TR	5m	R	↓	<15					P.08-14-7	
9226	57,10	55,80	PYROXENITE	TR	20m	R	<15	<15					P.08-20-1	
9227	57,05	55,75	PYROXENITE	1%	20m	R	↑	↑					P.08-20-2	
9228	65,29	55,11	PYROXENITE	TR	20m	R	↑	↑					P.08-21-1	
9229	65,20	55,17	PYROXENITE	TR	16m	R	↑	↑					P.08-21-2	
9230	65,19	55,16	PYROXENITE	TR	16m	R	↑	↑		120	30		P.08-21-3	
9231	65,18	55,15	PYROXENITE	TR	16m	R	↑	↑					P.08-21-4	
9232	65,17	55,13	PYROXENITE	TR	16m	R	↑	↑					P.08-21-5	
9233	65,16	55,12	PYROXENITE	TR	16m	R	↑	↑					P.08-21-6	
9234	65,15	55,10	PYROXENITE	TR	16m	R	↑	↑					P.08-21-7	
9235	65,14	55,09	PYROXENITE	TR	16m	R	↑	↓					P.08-21-8	
9236	65,12	55,0,8	PYROXENITE	TR	16m	R	↓	<15					P.08-21-9	
9237	⁶¹ 65,11	⁶ 55,07	PYROXENITE	TR	16m	R	<15	867	269		80	60		P.08-21-10

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Chance - Harvut Lake

LA FOSSE PT. GROUP

Date: Aug 3/86

Sampled by: Ron Lemery

NTS: 23/0/8

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Lakefield check		Remarks	
	N	E					Pt	Pd	Au	Pt	Pd			
9646	6128502	684000	Magnetite	<1%	5	R(chip)	<15	<15					Trace pt.	
9647	6128800	684220	Peridotite	<1%	3	R(chip)	↑	↑					Trace pt.	
9648	6129380	683880	Peridotite	<1%	2	R(chip)							Black magnetite on surface.	
9649	6129420	683690	Peridotite	<1%	10	C(chip)			350	.011 g			Minor sulphides, some mag.	
9650	6129380	683650	"	"	10	"			681	.022 g	50	30	"	
9651	6129320	683600	"	"	10	"			2000	.064 g			Magnetite horizon (3 cm)	
9652	6129280	683550	"	"	10	"			819	.026 g			Trace pt.	
9653	6129240	683500	"	"	10	"							"	
9654	6129220	683470	"	"	10	"							"	
9655	6129200	683450	"	"	10	"							"	
9656	6130000	683400	Basalt	<1%	3	A								Rusty surface. No sulphides.
9657	6132702	682300	Peridotite	<1%	10	C(chip)	↓	↓						No sulphides; magnetite veins
9658	6132850	682230	"	"	10	C	<15	<15						Same
9659	6132820	682260	"	"	10	C	↑	↑						Same
9660	6132790	682300	"	"	10	C			356	.011 g	80	<10		Same
9661	6127750	684000	Gabbro	<1%	5	R			915	.029 g				Shredded; brown weathering
9662	6127870	685580	Gabbro	1%	3	B			126					Pt, go; trace ap.
9663	6127950	686880	Peridotite	4%	2	B								Pt rich.
9664	6130380	681200	Peridotite	<1%	5	B	↓	↓						Magnetite rich.
9665	6129070	680330	Peridotite	<1%	3	B	<15	<15						Magnetite rich.

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Retty Lake

Date: Aug 6/86 Sampled by: Ron Henry

NTS: 23-0/8 + 23-0/1 EAST

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Lakefront check		Remarks
	N	E					Pt	Pd	PPB Au	PPM Ag	Pt	Pd	
9666	6129180	679930	Galena	10%	0.5	B	<15	<15					cp + po; quite rich
9667	6130040	681480	Pyridotite	3	0.5	B	↑	↑					Dissim po; trace cp.
9668	6123960	683240	Galena	3	10	B(chip)		↓					Po; cp; pd, minor py
9669	6123940	683150	Galena pyrid.	2	10	B(chip)		<15			100	90	Same; less mineralization than 9668
9670	6123930	683040	Galena	15	10	B(chip)		70			100	180	Good mineralization. po, cp, py, pd
9671	6123910	682950	Galena	10	10	B(chip)		<15					Trace cp.
9672	6123900	682850	Galena	2	10	B(chip)		↑			180	150	Minor, dying out. Po, some cp
9673	6123680	681580	Melanogalena	2	40	B(chip)							Dissim po + some cp.
9674	6124080	683180	Galena	5	-	B							From old core (see notes)
9675	6124190	680400	Galena	2	20	B(chip)							Dissim po, py
9676	6124300	680240	Galena	4	-	B							From logs lake core
9677	6125080	678530	Galena	2	100	B(chip)	↓	↓					Dissim po, py; trace cp.
9678	6125300	678000	Galena	2	40	B	<15	<15					Minor po, py.
→ 9679	6125500	678060	Galena	90%	1	B	336	1000	4.5	3.7	470	1510	Massive po, py, cp.
→ 9680	6125570	678060	Galena	90	1	B	<15	1460	2.27	4.2	400	1740	Same
→ 9681	6125500	678060	Galena	90	1	B	336	1768	4.5	3.3	350	970	Same (see notes)
9682	6125570	679780	Pyridotite	2	1000	G							Minor po, cp.
→ 9683	6126550	677130	Galena	90	3	B	504	588	4.5	5.1	290	650	Massive po, py, cp.
9684	6126780	676750	Pyridotite	3	1	B							Some po, cp
9685	6129500	678280	Pyridotite	2	2	B							Minor po, cp.
9686	6125200	686800	Pyridotite	3	30	B(chip)							Po, mag, trace cp
9687	6125160	686830	Pyridotite	3	30	B(chip)							Po, mag, trace cp
9688	6122500	685460	Ag vein	1	2	B(chip)	<15	<15	4.5	<0.1	60	20	Native Cu, cp, py.
9689	6122460	685500	Ag vein	1	2	B(chip)	<15	<15	4.5	<0.1			Same
9690	6121860	686140	Galena	5	5	B(chip)			4.5				Fine dissim po, py.

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Retty Lake

LA FOSSE PT. GROUP

Date: Aug 86

Sampled by: F. Scott / P. Forderber

NTS: 23/0/8

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Lakefield check		Remarks
	N	E					Pt	Pd	Au	Cu %	Ni %	Pt	Pd	
2401				100	1/3 box	Core	<15	<15		0.049		Pt	Pd	8' Drill core - E.
2402					25		↑	↑		0.044				Split E core
2403			Gabbro	10	15'		↑	↑		0.018				Split E core - dissem. sulph.
2404					10									Limonite sulphides at perid. contact
2405			Gabbro		25									Low sulphides dissem. in gabbro
2406					4			↓						76.3' Depth - 4' Casing Core
2407	Hole 76-2				7			<15						Hole 76-2 - 7' Casing Core
2408	200' NE of	DDH-69-13	Net sulphide				↓	60				90	90	Float.
2409	BL-13+508	0+25' E					<15	<15				120	50	Float
2410							35	1340				150	860	Open pit #1 - S of lake
2412							300	<15	<5	0.32	0.043	140	440	Open pit #4 - S of lake - Float

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Ratty - Blue Lake

LOCATION Retty L.Deposit Pogo - BlueSampled by A.T. Avison.

Section	DDH	From	To	Feet	Sample No.	Analyses					Lab. field check		Remarks Resample of split drill core
						Pt ppb	Pd ppb	Cu %	Ni %	Au ppb	Pt	Pd	
46+32S	68-7	152	157	5	9721	<15	<15				Pt	Pd	
		283	287	4	9722	↑	<15						
48+32S	67-13A	139	179	40	544		<15	0.14	0.16				
		179	192	13	545		<15	0.17	0.17		100	210	
49+32S	67-11	171	177	6	865		35	0.96	0.72				
		177	184	7	866		89	0.75	0.75		130	210	
	67-11A	146	161	15	541		<15	0.43	0.32				
		161	178	17	542		764	0.20	0.21				Massive and dissem. sulphide.
		205	222	17	543		40	0.52	0.42				
	67-12	70	77	7	867		230	0.96	0.23		130	470	
	68-3	292	297	5	882		35	0.44	0.11	287	200	330	
		302	305.5	3.5	883		49	0.72	0.42	174			
		309.5	311.5	2	884		61	0.20	0.38	184			
		319.5	329.5	10	885		165	0.43	0.35	348	350	770	Massive Sulphide.
		342	350	8	886	↓	114	0.57	0.38		140	440	
		350	356	6	887	<15	111	0.85	0.43		100	390	
50+32S	67-9	139	175	36	532	50	260	0.11	0.12				
		177	200	23	533	<15	40	0.28	0.23				
		200	220	20	534	<15	58	0.31	0.24				
	67-9A	154	180	26	535	24	56	0.08	0.10		<100	60	
		180	210	30	536	10	300	0.09	0.11				
		210	250	40	537	<15	<15	0.16	0.14				
		250	257	7	538	<15	<15	0.39	0.22				
		257	272.5	15.5	539	35	445	1.03	0.55				Massive Sulphide
		283	285	2	540	39	620	0.99	0.61				" "

Pogo - Blue Drill core

LOCATION Retty L.Deposit Pogo-BlueSampled by A.T. AVISON.

Section	DDH	From	To	Feet	Sample No.	Analyses						Lakeland check		Remarks Resample of split drill core
						Pt ppb	Ni ppb	Ag ppb	Cu %	Ni %	Pt			
50+32S	67-10	120	128	8	861	<15	<15	417	0.51	0.29	Pt	Pd	Massive Sulphide	
		128	134	6	862	↑	84	153	0.47	0.30	90	150	" "	
		134	136	2	863	↑	49	705	0.98	0.63			" "	
		136	140	4	864	↓	101	547	0.22	0.17			" "	
51+32S	67-8	202	235	33	526	<15	<15							
		235	265	30	527	110	169		1.14	0.75				
		265	278	13	528	<15	<15		0.26	0.17				
	67-8A	215	235	20	529	<15	<15		0.49	0.18				
		235	255	20	530	49	150		0.37	0.21				
		255	276	21	531	200	1727		1.32	0.54			Massive Sulphide.	
	67-20	190	195	5	869	<15	98		1.22	0.60	220	590		
		195	202	7	870	↑	55		0.83	0.68				
		202	207	5	871	↑	76		0.59	0.68				
		207	219	12	872	↑	83		0.33	0.15	90	180		
		219	220.5	1.5	873	↑	65		1.08	0.70				
	68-1	350	354	4	877	↓	30	123	1.13	0.52			Massive Sulphides.	
		354	358.5	4.5	878	<15	65		1.09	0.48			" "	
		358.5	361	2.5	879	179	331	482	1.79	0.39	470	1210	" "	
		361	365	4	880	388	2236	872	1.14	0.35	1200	8970	" "	
		365	367	2	881	210	3192	625	1.28	0.45	1360	13900	" "	
	68-2	446	475	29	586	<15	325		0.86	0.54			" "	
		475	505	30	587	<15	246		0.56	0.43			" "	
		505	528	23	588	<15	550		0.86	0.55			" "	

Pogo-Blue Drill Core

LOCATION Retty L.Deposit Pogo - BlueSampled by A.T. Avison

Section	DDH	From	To	Feet	Sample No.	Analyses					Remarks	
						Pt _{ppb}	Pd _{ppb}	Au _{ppb}	Cu%	Ni%		Labcheck
52+32S	67-2	151	172	21	521	<15	<15		0.18	0.17	Pt Pd	Resample of split drill core.
		179	205	26	522	250	770		1.55	0.44		Mostly massive sulphides.
		205	245	40	523	291	2500		1.62	0.51		" " "
	67-2A	162	168	6	524	<15	126		0.15	0.21		Mixed massive and dissem. sulphides.
		188	198	10	525	350	1500		1.09	0.58	570 2250	Massive sulphides.
	67-15	251	275	24	546	<15	<15		0.13	0.18		
		275	296	21	547	↑	<15		0.24	0.14		
		296	303	7	548	↑	64		0.66	0.57		
	67-16	150	159	9	868	↑	182		1.12	0.54	200 670	
53+32S	67-17A	141	143	2	549	↓	<15		0.07	0.04		
	67-19A	317	343	26	551	↓	↑		0.15	0.14		
		343	368	25	552	<15	↓		0.29	0.20		
		368	375	7	553	21	↓		0.70	0.57		
		375	387	12	554	<15	<15		0.24	0.18		
		387	398	11	555	92	797		0.32	0.54	270 1350	
		398	416	18	556	<15	<15		0.05	0.07		
	67-19B	245	270	25	557	↑	<15		0.15	0.12		10-20% sulphides.
		270	295	25	558	↑	<15		0.27	0.22		" "
		295	301.5	6.5	559	↑	767		1.01	0.51		Massive sulphides.
	67-21	407	424	17	560	↓	<15		0.15	0.12		Dissem. sulphides.
		424	436.5	12.5	561	<15	62		0.71	0.72	110 390	Massive sulphides.
		436.5	446	9.5	562	63	<15		0.38	0.27		60% sulphides
		446	458.8	12.8	563	750	306		0.98	0.65		Massive sulphides.
		458.8	476	17.2	564	<15	20		0.05	0.03		10% sulphides.

Pogo - Blue Drill core

LOCATION Retty LDeposit Pogo - BlueSampled by A.T. Avison

Section	DDH	From	To	Feet	Sample No.	Analyses						Remarks
						Pt ppb	Pd ppb	Ag ppb	Cu %	Ni %	Lakefield check	
54+32 S	67-18A	205	211	6	550	<15	<15		0.24	0.07	Pt Pd	Resample of split drill core.
64+00 S	67-50	8	31.5	23.5	581	↑	109		0.11	0.11		
		31.5	56	24.5	582	↓	113		0.15	0.14		
88+00 S	68-30	9	22	13	9719	↓	<15					
		90	100	10	9720	<15	<15					
89+00 S	67-57	116.5	137	20.5	583	26	28		0.13	0.15		
		137	148	11	584	<15	<15		0.28	0.26		
		164	191	27	585	↑	<15		0.32	0.13		
	67-57A	116	126	10	565		90		0.14	0.15		
		139	153	14	566		220		0.20	0.22		
		153	166	13	567	↓	151		0.97	0.91		
90+00 S	67-54	25	33	8	576	<15	<15		0.12	0.10		
		50.5	83	32.5	577	49	101		0.06	0.11		
		106	130	24	578	<15	<15		0.61	0.17		
		130	151	21	579	55	276		0.30	0.13		
67-54A	114	118	4	875	<15	76	410	1.08	0.85	100	600	Massive sulphides.
	118	123	5	876+	↑	92	112	0.91	0.82			" "
67-55	72	98	26	580		4300		1.12	0.17	1140	7960	
67-56	118	133.5	15.5	568	↓	<15		0.23	0.16			
		133.5	144	10.5	569	<15	<15		0.99	0.97		
91+00 S	67-53	61	85.5	24.5	572	149	567		0.27	0.23		
		85.5	107	21.5	573	135	476		0.82	0.77		
67-53A	61	73	12	574	15	218		0.49	0.31			5-20% sulphide
	73	82	9	575	133	505		1.16	0.83			Massive sulphides

Pogo - Blue Drill core

LOCATION Reffy L.Deposit Pogo - BlueSampled by A.T. Avison.

Section	DDH	From	To	Feet	Sample No.	Analyses					Lafayette		Remarks
						Pt ppb	Pd ppb	Ag ppb	Cu %	Ni %	Pt	Pd	
92+00S	67-52	65.5	81.5	16	570	105	607		0.90	0.18	110	1160	10-20 % sulphides.
		81.5	96.5	15	571	63	1066		0.81	0.84			Massive sulphides.
	67-52A	70	77	7	874	<15	70	194	0.88	0.80			?
	68-8	89	119	30	589	↑	455		0.29	0.10			10-15% dissem. sulphides
		119	131.5	12.5	590		396		1.47	0.56	210	750	Massive Sulphides.
94+00S	68-37	18	20	2	888		80				80	270	
112+00S	68-14	182	200	18	9730		<15				70	60	
		287	298	11	9731		↑						
120+00S	68-15	78	95	17	9732								
		158	160	2	9733								
		170	173	3	9734								
	68-16	129	145	16	9729								
135+00S	68-21	94	97	3	9723						130	470	
136+00S	68-20	13	30	17	894						60	30	
138+00S	68-39	151	181	30	897		↓						
		181	220	39	898		<15						
		220	260	40	899		55				80	70	
		260	300	40	900		101				70	130	
		300	326	26	9703		<15						
		326	336	10	9704		↑						
		360	383	23	9705						90	60	
	68-40	226.5	231.5	5	9710								
		244	253	9	9711		↓	↓					
		253	256	3	9712		<15	<15					

Pogo - Blue Drill core

LOCATION Retty L.Deposit Pogo - BlueSampled by A.T. Avison

Section	DDH	From	To	Feet	Sample No.	Analyses						Remarks	
						Pt ppb	Pd ppb	Au ppb	Cu %	Ni %	Labetal check		
140+00S	68-41	9	26	17	9706	<15	<15					Resample of split drill core.	
		76	90	14	9707	↑	↑	179					
		100	130	30	9708		↓						
		130	160	30	9709		<15						
150+00S	68-38	144	171	27	593		27		0.42	0.23			
154+00S	68-43	100.5	137	36.5	9713		<15						
		137	174	37	9714		↑						
		174	184	10	9715		↓				160	170	
		184	221	37	9716		↓						
		221	258	37	9717	<15	<15				70	210	
		258	263	5	9718	519	1880	359			300	2120	1' massive sulphide + 4' dissem. sulphide
156+00S	68-42	17	51	34	895	<15	<15						
160+00S	68-19	31	35	4	9724	↑	↑						
		160	190	30	9725								
		190	220	30	9726								
		220	250	30	9727								
		264.5	275	10.5	9728								
164+00S	76-2	50	89	39	9736								
		89	100	11	9737	↓	↓						
		294	323	29	9738	<15	<15						

Pogo - Blue Drill core

LOCATION Reilly L.Deposit Pogo + CentralSampled by A.T. ANSON.

Section	DDH	From	To	Feet	Sample No.	Analyses						Lakeland Check		Remarks
						Cu %	Ni %	Pt ppb	Pd ppb	Ag ppb		Pt	Pd	
51+32S	67-8A	255	260	5	841	1.79	0.48	<15	84					Massive Sulphide
		260	265	5	842	1.48	0.57	<15	432		260	730	"	"
		265	270	5	843	1.62	0.50	308	1663	246	430	1960	"	"
		270	274	4	844	0.70	0.56	<15	2520	820	920	3040	"	"
52+32S	67-2	205	210	5	845	1.42	0.53	↑	1584		300	1640	"	"
		210	215	5	846	5.88	0.38		900		400	1230	"	"
		215	220	5	847	0.83	0.41		720		380	1000	"	"
		220	230	10	848	1.48	0.52		684		340	870	"	"
		230	235	5	849	1.16	0.54		1104		360	850	"	"
		235	240	5	850	0.92	0.61		504		270	780	"	"
52+32S	67-2A	240	245	5	851	0.77	0.61	↓	2172		740	3050	"	"
		188	193	5	852	0.71	0.59	<15	1056	52	510	1330	"	"
		193	198	5	853	1.46	0.56	480	1944		830	3720	"	"
53+32S	67-21*	446	452	6	854	0.84	0.62	576	1044	666	580	1090	"	"
		452	458.8	6.8	855			<15	156		180	350	"	"
90+00S	67-55	72	80	8	856			<15	<15		50	70	Dissem. Sulph.	
		80	90	10	857			<15	<15		90	110	"	
		90	98	8	858	4.17	0.35	6384	37800		27400	140100	Massive Sulphide	

Pogo-Blue Drill core - resample

LA FOSSE PT. GROU

Willbob Lake

Date: 8/15/86

Sampled by: Ron Lavery

NTS: 23-0/1 EAST + 23-0/1 WEST

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Pd	Au	Libro	check		
9691	6123640	684190	Peridotite	5%	3	B(chip)	<15	5.6			140	200	po, py, cp.
9692	6116370	672660	Basalt	2%	2	B(chip)	↑	<15					po, cp, some py.
9693	6112830	679960	Basalt	2%	4	B(chip)		↑					massive po, py; some cp.
9694	6112840	678460	Basalt	2%	2	B(chip)							Mostly py; some po, cp.
9695	6113520	679200	Peridotite	<1%	2	B(chip)					90	60	magnetite rich; dense.
9696	6114530	677930	Peridotite	2%	2	B(chip)							massive po
9697	6118660	674070	Basalt	3%	1	B(chip)							massive po, py.
9698	6119380	673520	Basalt	6%	10	B(chip)			420	.013			massive po & py; some cp
9699	6119360	673490	Basalt	6%	10	B(chip)	↓	↓	533	.017			Same
9700	6113180	676060	Peridotite	<1%	3	R	<15	<15					some enrichment in magnetite.
9701	6113200	673250	Peridotite	<1%	2	B(chip)	<15	<15					Magnetite
9702	6112900	672900	Quartz veins	<1%	2	R(chip)	<15	<15					Oxidized py (?); blue g t.

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Ratty - Willbob Lake

Lac St Pierre

LA FOSSE PT. GR

St. Pierre

Date: July 11, 86 Sampled by: B. Dillman

NTS: Lac Harveny 24K/5 E-E

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Au	Pt	Ni PPM	Co PPM	Pd		Cu PPM
7569	6458.55	469.26	slate	5	0.3	B	<5	<15					
7570	6457.8	468.95	mag slate - quartzite	10	1	B	<5	↑					
7571	6467.45	467.78	argillite	50	1	B	<5						
7572	6467.51	467.78	phyllite-quartzite	20	2	B	<5		47				
7573	6458.25	469.83	green schist	5	.3	B	<5						
7574	6457.1	470.2	phyllite	30	1	B	<5						
7575	6457.14	470.1	chlorite	5	.6	B	<5						
7576	6458.82	469.08	gabbro	1	.3	B	<5						
7577	6460.42	469.65	arg-basalt	2	1	B	<5						highly sheared contact
7578	6459.86	470.42	gabbro	2	2	B	<5		58				
7579	6461.63	470.63	gabbro	2	2	B	<5		36				
7580	6461.56	470.39	gabbro	5	1	B	<5		53				
7581	6458.53	469.61	gabbro	2	.3	B	<5		14				contact with slate
7582	6456.5	467.45	quartzite	20	24" x 14"	B	<5						flat, egg shape
7583	6459.52	468.01	schist	60	12" x 8" x 4"	B	<5						flat, square-rounded
7584	6460.33	467.33	gabbro	<1%	1m	B	7						
7585	6461.7N	466.71	arg-tuff	1	1	B	10						anticline axis
7586	6461.9	466.84	arg-gabbro	1	1	B	37						contact
7587	6461.95	466.8	phyllite	2	4	B	24						
7588	6461.8	466.84	quartzite	10	.3	B	48						
7589	6456.85	469.3	mag schist green slate	20	.3	B							
7590	6456.52	469.2	altered ultra-mafic	1	10	B	<5	<15					slightly magnetic
7591	6456.3	470.08	gabbro	20	1	B	369	52	618	131	1315	7037	Pg, cp, po. =
7592	6455.92	470.48	schist	20	2	B	30	<15	82				
7593	6457.55	471.0	schist	20	1	B	<5	<15					

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Little Lac St. Pierre

Date: July 31 - Aug 6 Sampled by: R. DillmanNTS: 24/C/8

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Pd	Au	Ag ppm	Cu %	
7701	6254 613	555 027	Albite		10 cm	R			13			4" vein in dolomite 4000+ cps.
7702	6254 710	555 106	Q-C vein	20% horn	15 cm	R			47			20% horn in vein in dolomite
7703	6254 653	555 075	Q-albite	10% horn	15 cm	R	<15	<15	122			Bottom long vein.
7704	6254 642	555 087	Q-albite	10% horn	0.1-0.2	R			656			Highly sheared; same vein as 7703
7705	6254 610	555 096	Albite vein	H ₂ O ₂	0.60	R	<15	<15	0.180g			Trench; sheared cps off scale.
7706	6254 607	555 095	Sheared Albite	10% Mo	0.40	R			465			2.5m W of 7705. Pit.
7707	6254 598	555 101	Dolomite	10% horn	.27	R			177			Shear; cps off scale.
7708	6254 594	555 105	"		.25	R			0.190g			Shear; " " Malachite
7709	6254 598	555 110	"	5% horn	.20	R			0.082g			2000 cps.
7710	6254 574	555 102	"	2% Mo	.25	R	<15	<15	190			4000 cps.
7711	6254 581	555 116	Albite vein		.10	R			280			
7712	6254 550	555 122	Albite	1% Mo	.35	B			65			800 cps
7713	6254 537	555 124	Q-albite		.20	C			<5			1000 cps.
7714	6254 530	555 132	"	5% Mo	.20	R	<15	<15	382			1800 cps. Malachite.
7715	6254 627	555 121	Dolomite	<1% Mo	2	B	<15	<15	0.110g			off scale. Dolo/gtite contact
7716	6254 558	555 098	Dolomite	20% py	.30	R	<15	<15	25			Qty stringers.
7717	6254 555	555 099	Q-C-albite	1% sp.	.12	R	<15	<15	65			Vein in dolo.
7718	6254 550	555 085	Albite vein		.15	R	<15	<15	820			1500 cps.
7719	6254 581	555 071	Albite stringers		3-5 cm	R			692			1200 cps.
7720	6254 918	554 132			10-60	R	<15	<15	925			Fract here; cp, sph.
7721	6254 901	554 133			10-70	C			50			Sheared; cp, py, sph.
7722	6254 894	554 131			5-10	C			45			Sheared " " "
7723	6254 827	554 131			30-60	C	<15	<15	<5	1.2	1.63	
7724	6254 834	554 136	Dolomite	50	.10	C	<15	<15	52	0.8	1.00	Q Vein with cp, py sph.
7725	6254 820	554 103	Dolomite	5	.15	R			<5			

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Mistamisk Lake

Date: Aug 6 - 9/86 Sampled by: R. Dillman

NTS: 24/C/8

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Pd	Au	Ag ppm	Cu %		
7726	62 54 788	5 54 144	Contact	30	.20	R			40			Dolomite / Quartzite Sp. Py	
7727	62 54 726	5 54 150	Contact	50	-15	R			52			Dolomite / Quartzite; Gp; py; sph	
7728	62 54 676	5 54 157	Shear	50	.35	C	<15	<15	<5	0.3	1.12	Qty. stringers, cp py sph.	
7729	62 54 682	5 54 157	Shear	90	.30	C			<5			Cp py.	
7730	62 54 700	5 54 150	Contact	5cp.	2	C			<5			Quartzite / Dolomite	
7731	62 54 700	5 54 158	Shear Contact		2	B			<5			" "	
7732	62 55 056	5 54 124	Vein	40	.10	R	<15	<15	80			Gross cuts strike.	
7733	62 55 082	5 54 100	Qty vein	90	.10		<15	<15	160	0.8	8.36	Parallel to strike.	
7734	62 55 200	5 53 150	Dolomite	20	0.3	BR			157			Similar boulders in area.	
7735	62 56 830	5 53 300	Dolomite	80	Boulder	BR		<15	<5			Large, square; lots of others.	
7736	62 53 430	5 52 420	Gabbro	3	0.5	B	↑	↑					
7737	62 53 850	5 52 320	Fault gouge	10	1	B			25				
7738	62 53 120	5 52 600	Gabbro	10	1	R						Pyrite	
7739	62 54 500	5 52 120	Basalt	90	7	B	↓	↓				Pb/Ni % Pyrite stringers 1-2 cm.	
7740	62 53 780	5 55 570	Albite	2-5	0.25	C	<15	<15	0.27oz	<0.1	0.04	2.09/.027	off scale gammas - Trench N#1
7741	62 53 780	5 55 570	Albite	2-5	0.22	C			0.19oz	<0.1	0.02	1.95/.040	" " "
7742	62 53 780	5 55 570	"	2	0.04	B-R			970				2.5m E of 7743
7743	62 53 780	5 55 570	"	2	0.8	C			285				4m N of 7741
7744	62 53 780	5 55 570	"	2	0.2	C			0.23oz				
7745	62 53 780	5 55 570	"	90		B	<15		5.10oz	<0.1	0.03	1.96/.39	V.6. Loose material around trench

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Mistamisk, Lake

E
A
G
L
E
V.
C.

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Date: Aug 15, 86 Sampled by: B. D. Uman

NTS: 24 B/5

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks	
	N	E					Au	Ag ^{ppm}	Pt	Pd		
7402	6249.55	571.72	Qtz, sericite taliss	50	0.65	C	420	14.2	<15	<15	large (shear) (SM)	
7403	6249.55	571.72	"	40	.65-1.25	C	343	<0.1	A	A	trench with	
7404	6249.55	571.72	"	30	1.25-1.65	C	25	4.9			drill stand	
7405	6249.55	571.72	"	2	1.65-2.10	C	51	<.1			graphite present	
7406	6249.55	571.72	qtz.	5	0.35	C	379	0.5			trench 15m (shear)	
7407	6249.55	571.72	felsic schist	1	35-70	C	43				NW of trench above.	
7408	6250.45	568.85	graphite schist	2	2	B	60				100 cps	
7409	6250.5	568.8	chert	5	1	BR	130				shear ←	
7410	6250.15	569.45	chert-gabbro	5	1	BR	17				same shear.	
7411	6250.5	569.5	diatomitic sandstone	5-60	.60	CB	38				CHIBTOWN East trench	
7412	6250.5	569.5	"	5-60	.80	CB	100				occasional West trench (10cm 9U)	
7413	6250.23	568.35	quartzite	20	2	BR	153				albite present.	
7414	6250.47	568.02	carb. quartzite	20		BR	51				nodules on beach, large & irreg. 3-4 similar around.	
7415	6251.92	565.0	quartzite	30	.5	BC	89	<.1			TRENCH Lake Trench E	
7416	6251.92	565.0	meta-sed	40	1.2	BC	194				Ni: 11% " W of 7415 same trench	
7417	6251.92	565.0	"	40	2.3	BC	71				" " " "	
7418	6251.92	565.0	quartz	40	1.2	BC	82	<.1			3m W of 7417 same trench	
7419	6251.92	565.0	sed-gabbro	30	2	BC	182				brecciated " "	
7420	6251.8	565.12	siltstone	2	6	B	76				" "	
7421	6251.8	564.62	Qtz. feldspar intrusions	10	1	B	74				" "	
7422	6251.8	564.62	"	80	1.5	B	112	<.1		<15	Ni: 0.20%	
7423	6251.8	564.62	qtz.	5	0.3	B	289			40	" "	
7424	6251.8	564.62	siliceous sh.	100	.25	BR	290			<15	" " 100 cps	
7425	6251.8	564.62	greywacke	60	.5	B	82			<15	<15	

Sample Type - B-Selected Best; R-Representative; C-Channel; G-Grab

Romanet River

Date: Aug 20, 86 Sampled by: B. Pittman

Riv. Romanet

NTS: 24 B/S

LA FOSSE PT. GR

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks		
	N	E					Au	Pt	Pd				
7426	6251.9	564.62	sericite	80	1m	B	61					Tache label	
7427	6251.9	564.79	gabbro	5	1	B	300	<15	<15			" "	
7428	6251.9	564.8	"	20	2	B	189					" "	
7429	6251.96	564.9	mylonite	2	1	B	287					" "	
7430	6251.96	564.9	"	90	1	B	246	<15	<15			" "	
7431	6252.08	564.8	sed.	50	1.5	BR	84					" "	
7432	6252.08	564.8	"	40	1	BR	87					" "	
7433	6249.55	571.72	albite	1	1.8	C	192		500		Flagged	7432	off scale cps (G.M.)
7434	6249.55	571.72	dolomite sericite	5	1.8-2.1	C	164				"	7433	
7435	6249.55	571.72	qtz stringers	30	1	BR	205				"	7434	3m south of 7434
7436	6249.55	571.72	pitchblende	2	.20	R	92	<15	<15		"	7435	20cm east of 7435
7437	6249.55	571.72	dolomite	90	.10	C	374				"	7436	7m E of trench
7438	6249.53	571.85	qtz-albite	1	.25	B	218				"	7437	E over hill
7439	6249.5	572.05	qtz.	20	.2	B	78				"	7438	E bottom hill trench
7440	6252.1	563.01	graphite schist	5	1	B	25						Airport grid
7441	6252.1	562.01	dolomite	20	.10	B	71						
7442	6252.1	563.01	felsic	40	.20	B	23						
7443	6252.1	563.01	conglom.	20	2	B	51						
7444	6252.32	562.75	quartzite	60	.5	B	61						
7445	6251.81	564.36	py-cpy	100	.25	C	307	<15	<15				Simon, trench W
7446	6251.82	564.36	gabbro dolomite	60	3	CB	174	<15	<15				" " "
7447	6251.82	564.36	dolomite	30	.3	CB	150						" " "
7448	6251.82	564.37	gabbro dolomite	90	4	CB	513	<15	<15				" E trench
7449	6251.82	564.37	pyrho-py-cpy	100	.35	CR	250	<15	<15				" " " North
7450	6251.82	564.37	qtz	90	.15	B	1457						" E trench

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Romanet River

South
North

Date: Aug 20, 86 Sampled by: B. D. UmarNTS: 24 B/5

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks
	N	E					Au	Pt	Pd		
7751	6251.9	562.85	quartzite	10	1	B	35				Airport, flag L-1
7752	6251.25	567.59	gabbro	50	.5	BR	248	<15	<15		Delhi Pacific
7753	6251.25	567.6	chert	10	2	R	74				" "
7754	6251.25	567.6	gabbro	70	4	B	38				" "
7755	6251.25	567.65	gabbro	15	.3	B	38				" "
7756	6251.25	567.65	chert	20	2	B	171				" "
7757	6251.25	567.65	gabbro	5	3	B					" " serpentite
7758	6251.25	567.65	basalt	20	.40	B					" "
7759	6251.25	567.65	basalt-qtz	40	.2	BR	28				" "
7760	6251.25	567.65	gabbro	5	20	BC	123				" " largest ^{west} trench, only gabbro taken
7761	6251.25	567.65	chert	90	10	BC	172				" " " " " only chert, south 1/2
7762	6251.25	567.65	"	"	"	"	507			60	" " " " " " " " North 1/2
7763	6251.25	567.65	chert-gabbro	50	3.5	BR	954			<15	D.P. East trench, N side
7764	6251.25	567.65	" - "	50	3	BR	1261			<15	D.P. " " middle
7765	6251.25	567.65	" - "	50	3.5	BR	153			<15	D.P. " " S side
7766	6248.52	572.63	qtz-abbite	3	.30	BR	5				150 cps in draw behind camp
7767	6248.5	572.7	quartzite	15	1	B	58				
7768	6248.65	573.5	gabbro	5	2	B	297	<15	<15		
7769	6252.4	562.8	quartzite	30	1.5	B	92				Airport
7770	6251.92	562.86	"	20	4	BR	46				" slaggal L-2 8m trench south side
7771	6251.92	562.86	"	20	4	BR	17				" " L-3 north side
7772	6251.92	562.91	"	40	2	B	205				" slaggal L-4 trench
7773	6251.92	563.1	"	25	2	B	30				" " L-5 trench
7774	6248.6	572.7	"	5	1	B	43				behind camp.
7775	6249.36	570.1	sed.	3	.3	B	33				highly sheared beyond recognition! Romanet River

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Date: Aug 26, 86 Sampled by: B. DillmanNTS: 24 B/S Lac Romanet.

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Au	Pt	Pd			
7776	6239.45	569.6	dolomite	5	0.5	BR	20	<15	<15			
7777	6239.5	569.63	qtz-calcite gabbro	2	0.1	R	<5	↑	↑			serpentite, gabbro
7778	6239.5	569.63	"	5	1.5	B	10					
7779	6239.62	562.45	gabbro - sed	30	20	B	<5					shear
7780	6239.62	562.45	gabbro	70	0.4	B	<5					
7781	6239.63	569.4	"	40	0.3	B	25					
7782	6239.4	569.58	chert	15	2	B	33					"
7783	6239.5	569.6	gabbro-silica	5	10	B	25					shear, malachite
7784	6239.5	569.6	gabbro	5	10	B	<5					" " , gauge material
7785	6238.87	571.07	graphite schist	2	15	B	<5					qtz-carb stringers.
7786	6238.8	571.22	qtz-carb albite	0.40	3	B	17					150 cps
7787	6238.71	571.24	albite-qtz- carb	?	5	B	253					possible Pitchblende, malachite
7788	6238.71	571.24	albite-qtz- carb	?	0.1	R	71					malachite
7789	6238.68	571.31	qtz-carb- albite	1	0.15	R	38					cpy
7790	6237.75	572.48	dolomite	5	12	B	69					calcocite, cpy
7791	6237.48	572.01	gabbro	10	5	B	97					trench
7792	6237.55	571.85	gabbro	2	25	B	174					possible peridotite
7793	6237.55	571.85	peridotite	10	2	B	<5					
7794	6237.8	571.8	dolomite	5	10	B	82					calcocite, sericite
7795	6238.21	571.04	qtz-carb pitchblende	30	.2	B	5253					dolomite
7796	6236.62	574.38	calcocite	5	6x6	BR	115					U. occurrence. NE Bacov
7797	6236.25	574.72	dolomite	20	20	R	10					calcocite, cpy
7798	6236.5	574.73	dolomite	15	2	B	205					Flagged <-5

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Lac Romanet

Date: Aug 26, 86. Sampled by: B. D. Van

NTS: 24 B/S Lac Romanet

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses				Remarks
	N	E					Au	Pt	Pd	Ag ^{ppm}	
7799	6236.35	574.65	dolomite	10	2.5	B	<5	<15	<15		calcsite, cpy. 20m trench, N 2.5m
7800	6236.24	574.75	conglomerate	80	2	BR	92	↑	↑		
7801	6237.78	574.2	dolomite	15	10	B	48	↑	↑		calcsite, cpy. 25m trench, N 10m
7802	6237.78	574.2	gabbro-calcite veins	5	3	BR	1400	↑	↑		calc, sericite mid 3m, serpentinite
7803	6237.1	574.1	cpy + calcocite + bornite	100	25	B	235	↑	↑		4 - 5 to 25cm veins in dolomite
7804	6237.1	574.1	bornite	100	25	B	238	↑	↑		
7805	6242.75	574.72	albitite	9	1.5 x 4 x 3	R	<5	↓	↓		79-5; 3 boulders, irregular square, 1500cps
7806	6242.06	574.86	quartzite	20	2	BR	<5	↓	↓		
7807	6241.72	572.52	qtz-albitite	5-90	1	B	<5	<15	<15		in quartzite.
836	62 49 750	5 71 650	Dolomite	10 ^{py} cp.	2x3	R	<5			1.1	Pt with QC + sulphides.
837	62 49 700	5 71 550	Dolo + Q.V.	.	0.5	R	<5			<0.1	Trench
838	62 51 250	5 67 550	Albitite breccia	15 ^{py} cp.	1	R	<5			3.9	Dalh Pacific. Breccia with calcite

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Lac Romanet

R. Déat

LA FOSSE PT. GR

Date: Aug 22, 23/86 Sampled by: GRAEME SCOTT
PHILIPPE CLOUTIERNTS: 24 A/2

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks
	N	E					Pt	Ad	Au			
7141	6214480	397670	Meta Greywacke?	<1%		G	<15	56	10			granular mica clasts of Quartz + Feldsp.
7142	6213.600	399.100	Lapilli Tuff	1%	2.84	C	↑	40	102			Py, Arseno, Barite
7143	6213.600	399.100	"	up to 60%	2.5	C		44	1218			"
7144	6213.600	399.100	"	"	1.9	C		49	225			"
7145	6213.600	399.100	"	1-10%	2.6	C			253			"
7146	6213.600	399.100	"	30-60%		G			754			"
7147	6214.760	397.390	Graphitic schist	<1%		C			45			in Volc's
7148	6213.660	399.300	Meta Greywacke white Quartzite	1%		G	↓		23			py
7149	6213440	399250		10-30%		G	<15		45			bank ^{3m} wide
7150	VOID	VOID					VOID					VOID

LA FOSSE PT. GROUP

Date: Aug 25-27/86 Sampled by: R. DUFRESNE AND P. CLOUTIER NTS: 24 B/2

Sample No	Location		Rock Type	% Sulphide	Width m.	Sample Type	Analyses					Remarks	
	N	E					Pt	Pd	Au	Ag ppm	Cu %		Lab. field check
9246	⁶² 16.45	³ 97.18	META-TUFF	TR	3m	G	<15	20				Pt/Pd	P.G. 08-25-1
9247	⁶² 13.95	⁴ 01.60	AMPHIBOLITE	1%	9m	R	↑	<15	202				P.G. 08-26-1
9248	⁶² 13.95	⁴ 01.55	AMPHIBOLITE	1%	7m	R	↑	↑	171				P.G. 08-26-2
9249	⁶² 13.95	⁴ 01.45	AMPHIBOLITE	1%	16m	R	↓	↓	197				P.G. 08-26-3
9250	⁶² 15.05	³ 97.23	SHEARED TUFF	5%	5m	R	<15	<15	123			<20 30	P.G. 08-26-4
859	61 73 900	4 14 800	Amphibolite	5	0.5'	R			615	2.9	0.32		
860	62 13 660	3 99 100	Metatuff.	20	1	RB			800	1.4			Van Der Leeden Showing. Aspy.

Sample Type - B - Selected Best; R - Representative; C - Channel; G - Grab

Riviere Déat.

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La Fosse Platinum Group Inc.

Report on Exploration

1986 Field Season

by

G.Scott

Team 1

Dec. 1986

LEDOUX LAKE

The best mineralization in this area occurs in the Blotchy Gabbro sills. It consists of massive sulphides (pyrite pyrrhotite and some chalcopyrite)

Some good mineralization was also sampled in the gabbro which showed anomalous gold values.

A synclinally folded Blotchy Gabbro sill, 4 miles south of camp, showed anomalous gold values as high as .17 oz/ton.

More detailed prospecting of this sill is warranted because of these anomalous gold values.

GERIDO NORTH

Mineralized zones the same as Ledoux, mostly in blotchy gabbro. Extensive work had been done in the area in the past. Many trenches along 2 main belts of blotchy gabbro.

The west belt was located 1.5 miles west of camp. This belt contained minor disseminated pyrite throughout. We followed this belt for 2 miles north to an area of boulder, where it appeared to end.

Along this belt we grab sampled lenses of greater mineralization, some of which had been trenched. If mineralization of sufficient width was found, chip samples were taken. We also chip sampled 3 trenches we located.

Another band ran from the west side of the north inlet of Gerido Lake north for 4 miles. It was also covered by overburden.

Three areas, Prudhomme, Andre and Andre 2, had been extensively sampled and drilled in in former years. We chip sampled all trenches and also grab sampled any zones of sufficient mineralization.

The rest of the area was prospected. Some samples were taken in the gabbro and sediments.

Two miles west of camp a third band of blotchy gabbro was investigated. It was not well mineralized except for a small zone which showed disseminated pyrite-pyrrotite with good copper sulphides.

The balance of the area was also prospected. Some areas in gabbro were sampled, and also the massive pyritic sediments. No really interesting zones were found in either of these rock types.

LAMBDA LAKE

This area had 2 zones of mineralization in Blotchy Gabbro sills.

The first located on the east side of the north arm of Lambda Lake can easily be seen; it runs from the shore of Lambda Lake 2000' north, ending in an area of intense shearing.

Grab samples were taken of the massive sulphides. Chip samples were taken right across the zone, from the sediment contact in the east, to the western volcanic contact, to check for an anomalous platinum horizon in the sill.

A quarter mile east of the lake, another Gabbro sill was investigated.

This sill contained a few lenses of disseminated sulphides. These were grab sampled.

The rest of the area was prospected, including the ultramafics north and south of Lambda Lake.

No significant mineralization was found in these Peridotite bodies.

Further investigation of the ultramafics, which could not be assessed from the Lambda lake camp is warranted.

CHANCE AND GLANCE LAKE (MCPHAR LAKE)

We concentrated on the ultramafic sill on the east sides of Chance and Glance Lakes.

Both of these areas had similar sulphide mineralization, consisting of up to 5% pyrite and pyrrhotite with some chalcopyrite. The more massive sulphides were confined to a zone about 25'-30' wide. These could easily be seen from the air as a deeper rusty red, on the outcroppings of ultramafics.

The Chance Zone ran the entire length of Chance Lake (14 miles). At the north tip, the ultramafics were synclinally folded and faulted off at the andesite contact. This folded portion had up to 15% sulfides. Chip samples were taken in this area along with grab samples of the more massive sulphides.

A 30 m wide zone at the south end of Chance Lake was chip sampled.

In the hope of pinpointing an anomalous platinum horizon in the sill chip samples were taken from the west sedimentary contact across strike to the andesite contact in the east.

The Glance lake zone was sampled the same as the Chance Lake. Two areas of chip samples right across the sill showed anomalous gold.

A few samples were taken of the zones of massive sulphides.

The remaining area was also prospected.

Sulfide mineralization in small shears in the andesite was grab sampled, as were areas of the pyritic metasediments.

AHR LAKE

A camp was established on Ahr Lake to investigate the south extension of Chance and Glance ultramafic sills. Some good copper-nickel mineralization was sampled in two locations north of Ahr Lake. No anomalous values were obtained.

Three miles ^{east}~~west~~ of Ahr Lake an ultramafic sill was chip sampled across its full thickness, to pinpoint any anomalous platinum horizons in the sill. Chip samples were taken across the sill in two different locations; all showed significantly elevated gold values. These samples outlined a possible anomalous horizon up to 300' wide and 2000' long. This sill runs for at least 3 miles south of Ahr lake .

Additional prospecting should be carried out from a lake closer to this area of interest.

Most of the area around Ahr Lake was Andesite volcanics. Interesting mineralization was found in these volcanics.

DÉAT RIVER

A camp was established at the mouth of Déat River to investigate a known gold showing, in tuffaceous meta volcanics, and also to prospect for other gold mineralization in the area.

A baseline was placed from the showing south to Deat River and north 2000'.

The mineralization was mainly massive arsenopyrite with pyrite and minor bornite.

Chip samples were taken across the zone, as well as grab samples of the most mineralized areas.

Some shears in the Metavolcanics were also sampled.

No new areas of interest were found.

La Fosse Platinum Group Inc.

Report on Exploration

1986 Field Season

by

B.Dillman

Team 2

Nov. 1986

THE LAC PRINZELES AREA

The area around Lac Prinzeles was covered by very detailed prospecting. This was done during the month of June. Most concentration was given to the intrusive igneous bodies; namely the blotchy gabbro and gabbro sills, in the hope of finding platinum. When these sills were sufficiently prospected we concentrated our work on the basalts and sediments.

There are three major blotchy gabbro sills in the Lac Prinzeles area. Each of the blotchy sills was followed, and any sulfide mineralization was sampled.

The first blotchy sill is located on the east side of Lac Prinzeles. This sill is surrounded by gabbro on both sides. There is a sulfide mineral occurrence located approximately 1 kilometer east of the south end of Lac Gerido. This occurrence has been pitted and drilled. The mineralization consists of massive to disseminated chalcopyrite and pyrrhotite. Chip samples were taken across strike of the mineralization.

In this area and to the north, there is very little outcrop exposure. To the east the basalts are well exposed. No prospecting was carried out anywhere north of the above mineral occurrence.

To the south, along the east sill of blotchy gabbro, detailed prospecting was done. Gabbro's, that contact the blotchy gabbro to the west, are noted to have been disseminated pyrrhotite mineralization. Occasional chalcopyrite was also present. Any mineralization in the gabbro was sampled.

Another mineralized blotchy gabbro occurs east of the middle of Lac Prinzeles. Here, the mineralization occurs as disseminated chalcopyrite and pyrrhotite. As the sill followed south, the mineralization becomes more massive. The most massive mineralization can be seen east of the south end of Lac Prinzeles. This entire zone was detailed sampled at fairly regular intervals. This mineralization did not continue past the south

end of Lac Prinzeles.

The east band of blotchy gabbro was followed approximately 2 kilometers south of Lac Prinzeles. No prospecting was done past this point.

The basalts east of Lac Prinzeles were traversed. The only significant mineralization was found within a chert horizon located approximately 50 meters east of the gabbro-basalt contact. The mineralization consisted of magnetite.

To the west of Lac Prinzeles there are two major blotchy gabbro sills. The first sill is located approximately 1.5 kilometers west of the lake. This band is surrounded by normal gabbro. The gabbro is contacted by quartzites and phyllites on the east, and by basalt on the west. This band of blotchy gabbro does not continue south of Lac Prinzeles.

At the south end of this sill is a heavily mineralized band which can be traced 1.5 kilometers north. It has been pitted and drilled. The core is located on the west side of the south end of Lac Prinzeles. All pits were chip sampled. Mineralization consisted of chalcopyrite and pyrrhotite.

The gabbro flanking each side of the blotchy gabbro was also prospected. Very little mineralization was seen in these gabbros. Where some did occur, there was usually a 1-2 meter band of phyllite. Sampling of these gabbro-phyllite zones consisted of sampling the gabbros and phyllites separately.

West of the south end of Lac Gerido was traversed, but not in much detail. This was due to the increasing distance from camp. Concentration was only given to the blotchy gabbro and immediate contact with the surrounding gabbro.

The second band of blotchy gabbro is located about 5 kilometers west of Lac Prinzeles. Because of its distance, only the sill and the area east was detailed prospected. The extent of the prospect covered the mineral occurrence and south along the sill for a distance of approximately 4.5 kilometers.

Two interesting features of this band of blotchy gabbro are bands of mineralized phyllite within the blotchy gabbro, and the presence of massive pyrite in calcopyrite-pyrrhotite rich blotchy gabbro.

Around the blotchy gabbro sill are numerous quartz veins. These quartz veins cut through gabbro. They have infilled shears or tensions fractures which are perpendicular to strike. Most of the quartz veins are barren but some chalcopyrite was found.

About 1.5 kilometers west of this sill is another small band of blotchy gabbro. This sill was followed but no significant mineralization was found.

The basalts and phyllites of the west side of Lac Prinzeles were prospected in detail. Shearing occurred along the phyllites within the basalt. Some pyrite and pyrrhotite can be found within most shears.

Along one shear, located in the middle of the basalts, is another blotchy gabbro sill. This sill is very small. Sampling consisted of disseminated chalcopyrite and pyrrhotite within the sill. Some drilling had been done.

The Lac Prinzeles area has been prospected in good detail. In the mineralized areas, sampling was done representatively. Heavy sulfide samples were only taken in areas where sulfides were difficult to gather.

THE LAC ST. PIERRE AREA

The Lac St. Pierre area was prospected during the first two weeks in July.

We were sent into the area to investigate the St. Pierre gold showing, and later to investigate the gabbro.

Prospecting of the showing consisted of covering all the sedimentary rocks in the area. They consisted of argillite, siltstone and quartzite. Numerous pyrite zones were found. None were similar to the gold showing.

A geochem survey of frost polygons was performed around and on strike of the gold showing. Sampling of the ploygons hopefully will indicate a direction for the showing.

Gabbro is located on either side of the sediments around Lac St. Pierre. To the south of the lake, there are peridotites with the gabbro. They were followed, but no mineralization was found. Only one small calcopyrite zone was found in the gabbro.

North of the lake no significant mineralization was found either. To the north-east of these gabbros are basalts. Shearing and quartz veining have occured within the basalts. They were occassionally mineralized with pyrite.

There is no exposed outcrop in either direction on strike of the gold showing. Any future work should concentrate on finding a continuation of the gold showing. A proper grid should be cut and an electromagnetic survey completed over the area. Any conductors should be diamond drilled.

KYAK BAY

We prospected the south east corner of the Kyak Bay gabbro plug. It was covered by numerous traverses and prospected in good detail. About 80% of the area is exposed outcrop; overburden is confined to low areas.

This plug consists of differentiated gabbro to ultra mafics. In the center of the plug, the gabbro is very coarse grained; it becomes finer towards the outside. The ultramafics, which consist of peridotites can be found striking north-south about 1 kilometer west of the eastern edge of the plug. These peridotites were prospected. They were found to be very hematite rich with very little sulfide. The occasional chalcopyrite - pyrrhotite zone was found and sampled.

Along the west gabbro - peridotite contact, numerous chalcopyrite-pyrrhotite occurrences were found. Most of the mineralization was confined to the gabbro. Shearing along strike has occurred. Any sulfides found were sampled. Most of the samples taken from this area had a positive reaction with nickel powder.

Small sedimentary lenses can be found in the gabbro, west of the above mineralization. Shearing on strike has also occurred. Sulfide mineralization is good within these sedimentary lenses. The sulfides consist mostly of pyrite and occasionally chalcopyrite and pyrrhotite. Two of the shears assayed cobalt.

Also looked at in the area were two nickel-copper-cobalt occurrences. These are located along the east side of the plug. They consisted of very gossany, pyrrhotite rich gabbro, with minor amounts of chalcopyrite. The outside of the mineralized zones contain disseminated sulfides that become more massive towards the center. Chip samples were taken of each sulfide environment. Towards the center of the plug sulfide mineralization was poor. Any mineralization found, consisted of very fine disseminated pyrrhotite and magnetite.

We covered all ground east of camp to Kyak Bay, and south, to the Eskimo Reserve Boundary. Any future work should be done on the sedimentary lenses as a follow-up of the two cobalt occurrences.

THE LAC MISTAMISK AREA

We were sent into the Lac Mistamisk area in the first two weeks of August. The purpose was to investigate a known uranium-gold occurrence known as the Eagle U.

In this area very little outcrop is exposed. Traverses were concentrated along the River Mistamisk since the best exposures of outcrop are located there. Two uranium occurrences are found along the river; the Kish occurrence and the Eagle U.

The Kish occurrences consists of tension fractures that are in-filled with albitite-quartz veins. Much pitting and drilling had been done on the occurrence. All the veins have been chip sampled for gold and a small geology map was composed of the occurrence. This geology map also shows rock sample locations.

The second uranium occurrence investigated was the Eagle U. This showing was found to have native gold. Most of the gold is concentrated in pitchblende within the albitite-quartz vein, The vein is 35 centimeters at its widest point and can be traced for 15 meters.

Another strong radioactive anomaly was discovered about 30 meters west of the Eagle U and was traced for 40 meters. There is no exposure of this anomaly.

Also examined in the Lac Mistamisk area were the contacts of the Horst Fault; the sedimentary-volcanic contact. Exposures of the fault are poor. Good exposures can be found in creek beds that cut across the fault. The fault consists of approximately 25 meters of gauge material. This gauge material is mostly made up of sheared sediments.

About 1 kilometer east of the south end of the lake, a large number of rough, irregular boulders were found. These boulders consisted of quartzite with quite significant amount of pyrite. No radioactivity was detected. An old grid covers the area, indicating that a possible geophysic's survey has been done.

The Eagle Copper occurrence is located 1 kilometer up the river from the mouth, in the east end of Lac Mistamisk. The occurrence consists of massive chalcopyrite and pyrite within a north-south striking shear. It can be found on both sides of the river but best exposures are found on the south side. It has been traced for 800 meters and varies in width from 5 centimeters to 20 centimeters.

Traverses were also carried out across the volcanics on either side of the Mistamisk valley. Some mineralized zones were found within gabbro sills. These were samples for platinum and palladium.

Recommendations of future work in the Mistamisk area would be for more prospecting to the east and south of the Eagle U occurrence. Camp 2 did not prospect east of the Eagle U. VLF, Mag, and scintometer prospect should also be done to look for a continuation of the Eagle U occurrence.

RIVER ROMANET AREA

We were sent into the Rivier Romanet area to investigate a number of uranium and sulfide occurrences for possible gold content. This work was carried out in the first two weeks of August.

The G.M. occurrence consists of small, sheared lenses within dolomites of the Dumphy formation. The sulfides consisted mostly of pyrite and chalcopyrite. They ranged from massive to disseminated. Quartz veining has occurred. Sulfides can be found in both the vein material and sheared dolomites, One shear contains an albitite vein with pitchblende,

The G.M. occurrence can be traced for 90 meters. It has been pitted on all the sulfide occurrences. Samples were taken of all the mineralized pits. Although the occurrence has been hand drilled, there is no indication of diamond drilling.

The Tache Lake occurrence consists of numerous sulfide zones in sediments which contact with a gabbro sill. Shearing has occurred either perpendicular to or on strike to the rocks. Mineralization can be found on both sides of the sill.

The mineralization consists of pyrite, pyrrhotite and chalcopyrite. Most mineralized zones have fairly massive mineralization. All were anomalous in radioactivity. All pits were sampled.

The Airport Boulder occurrence is about 2 kilometers west along the river from the Tache Lake occurrence. It is a north-south running esker that contains some radioactive boulders. It was traced for about 300 meters. A boulder sampled had albite and was highly radioactive.

There is some limited outcrop exposure in the area. These consist of phyllites occasionally interbedded with quartzites. Areas of the quartzites had pyrite and chalcopyrite mineralization.

The Delhi Pacific occurrence is found in the volcanics on the north side of the river. It can be traced approximately 1 kilometer and can be up to 35 meters wide. A lot of pitting and drilling has been carried out.

It occurs in gabbro. Fragments of gabbro are surrounded with siliceous material; possibly chert. Sulfides are present in both the gabbro and the siliceous material. They consist of chalcopyrite, pyrrhotite, and pyrite. Only about 100 meters of the Delhi Pacific was sampled. The gabbro and siliceous material were sampled separately.

The Chibtown Copper occurrence is also located on the north side of the river, east of the Delhi Pacific. It occurs within the dolomites of the Dumphy Formation. These sediments are very folded. The occurrence was traced for 75 meters and can be up to 5 meters wide.

Mineralization consists of disseminated to massive chalcopyrite and pyrite. Samples were taken across strike of the most mineralized areas.

Traverses were carried out every 2 kilometers south of the river. Quartzites found in this area occasionally were mineralized with pyrite. Sulfides were also found in the large shears that are parallel to the Horst Fault.

More prospecting should be done in the Rivier Romanet area. Judging by the type and amount of mineral occurrences, this area is a very promising target for gold. Also, we concentrated mostly on the known sulfide occurrences.

LAC ROMANET AREA

The area west from Lac Romanet to Lac Rousin, was prospected in the last week of August. We investigated albitite veins for possible gold associations. These albitite veins are found within the dolomites of the Dumphy Formation.

A number of small albitite veins are located about 200 meters south west of Lac Rousin. All the veins showed anomalous radio activity. Mineralization consists of up to five per cent chalcopryrite, chalcocite, and bornite. The largest of the veins is 1 meter wide and was traced for 30 meters.

These veins mark the beginning of a stratabound copper zone that runs south from Lac Rousin. The zone is found within the dolomites of the Dumphy Formation. The mineralization is not continuous but rather forms in lenses that can be traced for a distance of 3 kilometers south of Lac Rousin.

Numerous pits have been put down on the mineralization. This mineralization consists of chalcopryrite, chalcocite and bornite. All the pits were sampled with the best mineralization selected.

Northwest of lac Rousin there is a mineral occurrence shown on the Lac Romanet geology map. This occurrence was investigated and found to be a large shear in dolomite. This shear is only about 25 meters east of the Harst Fault and strikes parallel to the fault.

The shear can be traced approximately 200 meters and is up to 15 meters wide. The mineralization within the shear consists of pyrite, chalcopryrite, chalcocite, and miner pyhhrotite . The amount of mineralization varies from disseminated to as much as ten per cent.

Along the west side of Lac Ronsin, between the two mineralized zones, much diamond drilling exploration has been carried out. The centre of interest is a band of graphite shales. Although the shale is highly contorted, no significant mineralization was found.

There is a small lake located 1 kilometer west of Lac Romanet and 3 kilometers south of Lac Ronsin. This lake marks the south end of the copper zone in the dolomites..

On the northeast shore of this lake, there is a small 8 x 0.5 meter shear. The shear contains albite that is heavily mineralized with chalcocite and bornite. It also has a greater than 10,000 radioactivity.

Also 150 meters south east of this shear there is a band of conglomerates. These are carbonated and well mineralized with pyrite. Many pits are located in this area but the majority were put down on the mineralized dolomite.

A number of gabbro dykes cut the sediment in the Lac Romanet - Lac Ronsin area. Large quartz lenses were found along the adges of these dykes. Some of the quartz lenses were well mineralized with pyrite, chalcocite, bornite and minor pyrrhotite. Calcite is also present with the quartz.

Work in this area was focussed on the sediments of the Dumphy Formation. Other sedimentary formations in the area could provide possible targets for gold exploration. Further prospecting is recommended for the area.

On a large island in the south east corner of Lac Romanet a gossan zone was spotted from the air. This gossan zone appears to be in gabbro and could be a good prospect for platinum.

La Fosse Platinum

Report On Activities
For The 1986 Season

TEAM 3

Ron Lemery B.A., B.Sc.
Geologist
Nov., 1986

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A kind word goes a long way.

Introduction

During the summer of 1986 a reconnaissance exploration program involving lithologic sampling was carried out by La Fosse Platinum in the region known as the Labrador Trough in Nouveau Quebec. Four two-man parties were dispatched to explore for precious metals, notably gold, silver, and the platinum group elements, under the direction of Mr. Tom Avison, supervisor.

The region covered extends from Kyak Bay, north of Kuujjuak, to Willbob Lake, located some seventy kilometers northeast of Schefferville. Camp moves and supply inputs were accomplished by means of hydroplane. Areas were accessed either on foot or by means of canoe.

The results obtained by our party are given in this report, along with recommendations for follow-up studies.

Summary and Conclusions

During the summer of 1986 two hundred rock samples were taken by our crew over a total area of three hundred square kilometers. Five locales were investigated: the Lac Gerido region, Lac Léopard, Kyak Bay, Retty Lake and Willbob Lake.

The highest assay values obtained (2000 ppb Au, 504 ppb Pt, 1460 ppb Pd) originated in the Retty Lake area, and it is recommended that further work involving detailed mapping, soil sampling and additional lithologic sampling be carried out in this region. In addition, further work may be warranted to the southeast of Lac Léopard in the area known as the Erickson No.4 showing and also in the region of Lac Chaunet, located to the northwest of Kyak Bay.

Results obtained from the Lac Gerido, Kyak Bay and Willbob Lake areas have proven disappointing and it is recommended that no further work be carried out in these regions.

Lac Gerido Project

Field Work

Field work was undertaken by our party as well as that of Craig Cooke from June 13 until June 29, 1986, on the areas bordering the east and west shores of the southeast portion of Lac Gerido. The camp was located at NTS coordinates N6432200, E456200. While ice on the lake was sufficiently thick to permit crossing, our crew explored the area as far east as Lac Rougemont, extending from a southern limit of 6429000 to a northern one of 6436000, while Mr. Cooke's party traversed to the north of us. Once thawing on the lake was sufficiently advanced to preclude further crossing, we concentrated on the area to the west of Lac Gerido. It was here decided that our team would work northward while that of Mr. Cooke would work south. To the west of Lac Gerido, therefore, our party worked as far north as N6434000 and as far south as 6430500, traversing this region until we reached Lac Rasle and were thus prevented from further exploration because of the barrier formed by this lake.

During this period sixty-five samples were taken by our party over a total area of fifty square kilometers. Lithologies observed included mesogabbros, blotchy gabbros, basalts, phyllic sediments and shaly metasediments. The structure in the area is synclinal with fold axes plunging southward 20° to 40° (Sauvé and Bergeron, 1965). One fold measured in sediments gave our team an F_1 trending at 128° sub-horizontally. Structure was less readily apparent in the igneous rocks observed, although variation in the attitude of pillow tops in basalt confirmed that the area was synclinal. One fault zone located in basalt near sample 9562 had a length of 100 meters and an attitude of 356/40e.

The locales which displayed the greatest mineralization were

those known as the Erickson No.1 and the Leslie No.2 showings, as well as a trenched zone found to the south of Lac Sauv e, probably belonging to La Mine Faucon Lt e. and containing 5% disseminated pyrrhotite (see page 17 in field notes). Of the three, the Erickson No.1 appeared to be the most promising candidate for platinum, and detailed mapping as well as a complete channel sample were carried out concurrently by our crew and that of Craig Cooke's.

Mineralized zones in blotchy gabbros do not in general conform to the classic models of layered intrusions and may in fact be a result of assimilation of sediments and igneous rocks occurring at depth. This is tentatively supported by recent findings conducted by the Mineral Exploration Research Institute, which report whole rock chemical analysis of the gabbros yielding Al_2O_3 contents as high as 22% (Robert Wares; personal communication).

Summary and Recommendations

In the Lac Gerido region sixty-five samples were taken over a total area of fifty square kilometers from the period of June 13 to June 29, 1986. The most promising mineralization observed occurred as blebs of pyrrhotite, pyrite and chalcopyrite in the blotchy gabbro of the Erickson No.1 showing.

Recent analyses performed by the Mineral Exploration Research Institute have shown Al_2O_3 contents as high as 22% in the gabbros; this may indicate that mineralization in the area resulted from assimilation of sediments with intrusive bodies at depth.

In view of disappointing results obtained by assay analyses of the samples, it is recommended that no further work be carried out in the immediate region.

Lac Léopard Project

Field Work

Field work was undertaken by our party from July 8 until July 13. Thirty samples were taken over a total area of approximately sixty-five square kilometers. The camp was located at NTS coordinates N6412200, E465800. The area explored is defined by the following coordinates: to the north, N6417500, E465800; to the northwest, N6417020, E457010; to the south, N6409870, E461500; to the southeast, N6405000, E474560.

The area is sparsely wooded and outcrop exposure is generally good. Lithologies observed are for the most part metagabbros, blotchy gabbros, basalts and phyllic sediments. Units strike southeast to northwest, generally at about 320°. Folding is usually not evident, although some small-scale folds have been mapped by R. Bergeron (1955) to the east and southeast of Lac Léopard.

The area that displayed the greatest economic promise is that which is known as the Erickson No.3 showing, located along the southwest shore of Lac Livaudière (a.k.a. Erickson Lake) near its southern end. Chip samples taken from Trenches 6, 7, 9, 10 and 11 on this property showed chalcopyrite, pyrrhotite, pentlandite and pyrite occurring as disseminated blebs in blotchy gabbro or, more frequently, as stringers which were sometimes subparallel to each other. The northwestern half of the Erickson No.4 showing was also visited; constraints of time and distance, however, prevented us from exploring the southeastern end of the property. The area visited however did not appear to show as much promise as that of the Erickson No.3.

Summary and Recommendations

In the Lac Léopard area thirty samples were taken over a total area of sixty-five square kilometers from July 8 until July 13. The zone which showed the best sulphide mineralization was that of the Erickson No.3 property, from Holannah Mines Limited, Group No.6. The northwest half of the Erickson No.4 property was also visited, but constraints of time and distance precluded exploration of its southern half. That part of the Erickson No.4 which was investigated, however, did not appear to be as rich in sulphide mineralization as the Erickson No.3 showing.

In view of the general potential for mineralization in the area, it is recommended that a camp be established near the Koksoak River in the forthcoming season so that the Erickson No.3 and 4 showings as well as the surrounding properties can be more fully investigated. Further work may also be warranted in the Cobalt Lake area to the west of the northern tip of Lac Léopard, where one sample taken in a mesogabbro containing minor quartz veins assayed for 530 ppb of gold (see sample 9594).

Kyak Bay Project

Field Work

Field work was undertaken by our crew as well as that of Bob Dillman from July 16 to July 25. Camp was located at NTS coordinates N6659400, E447350. It was agreed that our party would work the northern and northwestern portions of the large gabbroic intrusion located in the area, while Mr. Dillman's crew would concentrate on the eastern and southeastern segments.

Fifty-one samples were taken by our party over a total area of thirty square kilometers. This included a complete channel sample across the mineralized zone located in the northern segment of the intrusion, which strikes at approximately 320° . The samples were taken along a trend of 050° at intervals varying between 0.1 and 2.0 meters, and averaging about 0.3 m. The mineralized zone is located in gabbro and peridotite and shows mainly disseminated pyrrhotite and pyrite with subordinate chalcopyrite. A variety of other minerals was also noted, including minor serpentine as well as chlorite, the latter occurring as fracture infills which assayed for 95 ppb Au. The best values obtained from the property originated from a pyritic gossen zone in gabbro, which assayed for 75 ppb Pt and 337 ppb Au (see sample 9620).

From evidence obtained in the field it would appear that:

1) The basalts situated to the NE of the gabbroic intrusion are unrelated to the latter, since they show a much greater development of folding and schistosity than do the gabbros and peridotites and therefore probably predate them considerably.

2) The gabbroic intrusion is not entirely post-tectonic. There is for example a linear development in the mafic minerals which trends at approximately 316° and is fairly ubiquitous.

3) The northwestern, western and southern limits of the intrusion appear to be fairly sterile in nature, exhibiting only minor sulphide contents and occasionally magnetite-enriched horizons.

Summary and Recommendations

From July 16 to July 25, 1986, fifty-one samples were taken by our crew over a total area of thirty square kilometers. This

included a complete channel sample across the mineralized zone, with sample spacing averaging 0.3 meters. It is therefore the author's opinion that surface sampling of the area has been quite thorough, and that no further work should be carried out on the property in view of the rather disappointing assay results obtained.

The general region in this part of Quebec may still hold promise, however, and it is therefore respectfully suggested that further exploration be carried out in the area. The pyroxenite horizon located near Lac Chaunet (see Hardy, 1976), for example, may well prove to be worth examining in detail.

Retty Lake Project

Field Work

Field work was conducted from August 3 to August 15, 1986. Camp was located at NTS coordinates N6128000, E683100. Forty-six samples were taken over a total area of seventy-five square kilometers. The area explored is defined by the following coordinates: to the north, N6132900, E682200; to the west, N6129000, E671600; to the southeast, N6121860, E686140.

The area is sparsely wooded except when bordering lakefronts and outcrop exposure is generally good. The main types of lithologies observed are basalt, gabbro, peridotite, shaly metasediments and quartz arenites. The area is highly folded, although folding is seldom apparent on the scale of an individual outcrop. One fold observed in peridotite (page 87 in field notes) gives an F_1 of 139/78.

The field work performed has lead to the following conclusions:

1) There appear to be no structural controls for the occurrence of mineralization. One small exception to this is a quartz vein found in the southeastern part of the region, which contains native copper and which trends at 140°, thus seeming to mimic the fold axes in the area.

2) There is a general lack of mineralization for sulphides to be found north of Lake Retty, with the exception of a small mineralized zone located in peridotite at N6125200, E686800 (samples 9686 and 9687), and a possible second mineralized zone in gabbro, evidenced from boulders located at the base of a cliff (sample 9666). Instead, the majority of mineralization occurs to the south; moreover the best showings occur in gabbroic units. Northern peridotites however do contain a large amount of magnetite, occurring either as veins 1-2 cm. in width or, more commonly, as black patches which are tar-like in appearance on outcrop surface. Still, the encouraging results obtained from samples 9649 to 9652 (up to 2000 ppb gold) certainly warrant additional investigation of at least this one peridotite sill.

3) The area which showed the greatest economic promise occurred in a gabbroic horizon extending from NTS coordinates N6123960, E683240 (sample 9668) northwest to N6126550, E677130 (sample 9683). In the southeastern portion of this zone, which is located south of Blue Lake, mineralization is fairly continuous and a channel sample was taken across this zone (samples 9668 to 9672). Here pyrrhotite is the dominant sulphide and is finely disseminated throughout the rock; chalcopyrite and pyrite also often occur, these usually as blebs or aggregates.

Five kilometers to the northwest, several boulders were found in a geochemical and EM anomalous zone on the south shore of Pogo Lake (samples 9679 to 9681). The samples consisted of greater than 80% sulphides, showing pyrrhotite, pentlandite, chalcopyrite and pyrite all in massive texture. In all a total of seven or eight boulders were uncovered, some of which were angular and did not seem to have been transported any great distance. Moreover there was no indication that any previous sampling or diamond drilling had taken place in the immediate vicinity (see page 77 in field notes).

A second group of boulders which were rich in mineralization was found 1 1/2 km. northwest of Pogo Lake, along strike with the group mentioned above (sample 9683). Once again there was no signs of previous sampling in the vicinity. This argues for the possibility of a continuous zone of rich mineralization extending from N6125500, E678060 to N6126500, E677130 which may have been overlooked by previous parties. Unfortunately, the area between the two locales is sometimes thickly wooded and outcrop exposure is somewhat sparse, so that it is difficult to interpolate the geology without benefit of a diamond drill. Nevertheless, the assay results from these samples (9679 to 9681 and 9683) give values as high as 504 ppb Pt and 1008 ppb Pd; further investigation of the area is therefore certainly advised.

Summary and Recommendations

Forty-six samples were taken over seventy-five square kilometers in the Retty Lake area from August 3 to August 15, 1986. The area which showed the greatest economic promise occurred in

a gabbroic horizon south of Retty Lake, extending from south of Blue Lake (NTS coordinates N6123960, E683240; sample 9668) northwest to N6126550, E677130 (sample 9683). A channel sample of this zone was taken near Blue Lake, while to the northwest samples were taken of boulders which appeared to be relatively in situ and which contained greater than 80% massive sulphides, notably pyrrhotite, pentlandite, chalcopyrite and pyrite. These latter samples (9679 to 9681 and 9683) assayed as high as 500 ppb Pt and 1000 ppb Pd.

There is every indication that this latter zone had been missed by previous exploration parties, and it is the author's opinion that it may well constitute a rich, subsurface mineralized horizon extending for up to 1 1/2 km. along strike.

Ideally it would be desirable to execute a drilling program in the area, including that portion which is now covered by Pogo Lake. In the interim, however, the following recommendations are made for the forthcoming season:

- 1) A geochemical soil sampling survey should be carried out from NTS coordinates N6125500, E678060 to N6126500, E677130 and assayed for gold and silver as well as the platinum group elements and any associated pathfinder elements.

- 2) Follow-up studies should also be carried out on the north shore of Retty Lake along the peridotite horizon near coordinates N6129320, E683600 (samples 9649 to 9652, which assayed up to 2000 ppb Au) and assayed for gold.

- 3) Lastly, follow-up sampling should be conducted in the area

of a sheared gabbro (sample 9661) located to the north of Retty Lake, which assayed 900 ppb of gold.

Willbob Lake Project

Field Work

Field work was conducted from August 17 to August 26. Camp was located at NTS coordinates N6114500, E675560. Eleven samples were taken over a total of seventy-five square kilometers. The limits of the region explored are defined by the following coordinates: to the north, N6124600, E671500; to the west, N6116500, E671200; to the south, N6107500, E680000; to the east, N6109000, E682500.

The area is sparsely wooded except when bordering lakeshores; however, a fair portion of the region contains grassland or swamps, so that outcrop exposure in topographically low areas is often poor. Nevertheless, percent exposure of outcrops in the area is fairly good.

The main lithologies observed are basalt, gabbro, peridotite and shaly metasediments. Folding is regionally evident, although seldom observed on outcrop scale. Many of the units observed also show incipient development of schistosity.

Sulphide mineralization in the area is, in general, very poor. One sample (9692) of a dark, fine-grained mesogabbro showed 2% disseminated pyrrhotite and chalcopyrite with some pyrite; another

(9698) located in basalt showed stringers of pyrrhotite with minor chalcopyrite located in a khaki-grey matrix of amorphous pyrite (?). This latter tested negative for nickel and platinum but assayed at 420 and 533 ppb Au.

The peridotite units in general showed very minor sulphide mineralization, although locally they were sometimes enriched in magnetite. Drill core found at the site of an old camp near the southeastern tip of the lake (see page 107 in field notes) showed core samples from various lithologies but very little sulphide mineralization.

Summary and Recommendations

In the Willbob Lake region eleven samples were taken over an area of seventy-five square kilometers from August 17 to August 26, 1986. The area appears to be very poor in sulphide mineralization. Results obtained for Pt and Pd were also disappointing, although two samples (9698 and 9699) of a gossen zone in basalt containing massive pyrite with some pyrrhotite and minor chalcopyrite assayed at 420 and 533 ppb Au respectively.

It is therefore recommended that no further work be done in the immediate vicinity. Further examination of the area to the south of Willbob Lake may however perhaps be warranted, particularly in light of the promising results obtained from Retty Lake.

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La Fosse Platinum Group Inc.

**CONCLUSIONS AND RECOMMENDATIONS
FROM THE WORK
OF THE SUMMER, 1986**

A

REPORT SUBMITTED TO

P. FERDERBER

F. SCOTT

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TEAM 4

REPORT BY

CRAIG COOKE

(CAMP #4)

OCTOBER 20, 1986

My work during the summer was concentrated in only 4 main areas. These were:

- 1) The Gerido Lake Area
- 2) The PIO Lake Area
- 3) The MaryMac Area, and
- 4) The Harvut Lake Area

Each had its own characteristics and thus will be discussed seperately.

Gerido Lake Area (June 12 to July 15; samples 9001 to 9090, 90 samples)

From the Assay data from Lake Gerido area and the geological observations made, several points can be concluded.

1) Each gabbroic and blotchy gabbroic sill has its own background level of PGE. This is especially apparent in the Pd values. This observation could be used, given sufficient sampling, to concentrate work where there is a higher probability of finding a deposit (i.e. in sills with a higher background of PGE).

2) The blotchy gabbro sill west of the Lake Gerido Camp is worthy of follow-up work. This sill is the one hosting several Ni-Cu mineralized zones (i.e. Erickson #1, Leslie #2). Other sills sampled in the area do not appear to be worthy of follow-up work.

3) The highest Pt-Pd assays were associated with Ni-Cu sulfides. These Ni-Cu sulfides do not appear to be primary (magmatic) but most probably are secondary sulfide replacement zones.

4) A high calcopyrite percentage (i.e. 10 %) gave the highest assays as did the most mafic rock in the area (samples 9021-2).

5) The blotchy gabbro sills show signs of minor sediment assimilation and the contacts are usually sheared. The phyllic sediment appears to have higher Pt, Pd background than the blotchy gabbro sills (i.e. Pt=25 ppb, Pd=55ppb; samples 9001-3).

6) The sheared contacts of the blotchy gabbro sills do not appear to be valuable targets for PGE while zones of Ni-Cu sulfides at the contacts of the sills or within them appear to be more worthwhile targets.

7) The blotchy gabbro sills do not appear to be valuable targets for primary "Ingenueous related" Pt deposits.

8) Packsac drill core observed scattered around most Ni-Cu zones appear to have

more sulfides and be more mafic than that seen on the surface. Thus, limited drilling at depth may be a worthwhile explorational tool for sampling the showing south of the Erickson #1 showing (at the location of samples 9021-2).

9) Some gold values have been found (up to 370 ppb 0.01 oz/ton) within the blotchy gabbro sills. The gold values have no apparent association with sulfide content. The highest two gold assays (0.067 oz/ton) were coincident with the highest Pt-Pd values samples 9021-9022.

P.I.O. Lake (July 16 to July 26; samples 9091 to 9137, 45 samples)

The P.I.O Lake area was by far the most interesting area for both magmatic and epigenetic platinum deposits.

1) Layered ultramafic sills are present in the area. Layers seem to be marked by bands of more plagioclase rich material. The sills display magmatic differentiation and possibly multiple injection textures. They have very fine disseminated sulfides (1%) throughout. The sulfides seem to be mostly pyrrhotite with some pyrite and nickeliferous pyrrhotite.

2) Many sills were systematically sampled across strike. The background levels for Pt and Pd were below detection for all the sills.

3) Most Pd assays above detection (up to 75 ppb) were found near the contacts, both base and top, and in the host rocks.

4) These sills, though no significant assays were attained, with their disseminated nickel sulfides throughout and their magmatic differentiation textures should be significant exploration targets. This is due to Pt and Pd having similar crystallization stabilities to Ni. Thus, these Ni rich magmas may have significant concentrations of PGE to form a deposit.

5) These layered sills should be explored for sporadic concentrations of disseminated sulfides and/or highly variable layers. Within these layers it may be possible to concentrate the Pt and Pd. Large concentrations (>10%) of sulfides are not necessary though, because of Pt and Pd's strong partitioning coefficient for the sulfide phase.

6) The P.I.O Lake area also has structurally controlled epigenetic massive Ni-Cu

sulfides within volcanic hosts. These zones have anomalous Pd (90ppb) and gold (574 ppb). Definitely more work should be carried out on these areas especially around the old mine workings. The source of the Ni and PGE could possibly be from an ultramafic source below thus adding to the potential of the area for primary magmatic deposits within the ultramafic sills.

- 7) Some anomalous gold, up to 415 ppb, has been found in some sills.

MaryMac Area (July 27 to August 2; samples 9138 to 9144, 7 samples)

Very little time was spent prospecting in this area. But some conclusions can be made:

- 1) No massive sulfides were found on surface.
- 2) No areas of particular interest were found within the gabbroic rocks.
- 3) Sampling core available from the area appears to be the most logical first step for this area.
- 4) High platinum assays will probably occur over relatively narrow sampling intervals within or around the sulfide rich horizons. These will hopefully be continuous from hole to hole.

Harvut Lake Areas (August 6 to August 25; samples 9145 to 9245, 101 samples)

- 1) The ultramafic sills in the area are consistently pyroxenites with trace to 5% finely disseminated sulfides. These sills are very homogeneous and show no layering and only minor metamorphic textures. They appeared to be quite similar on a fresh surface throughout the area, though there were minor differences observed in the weathered surface.

- 2) Pd background values of sills can be used, as in the Gerido area, in differentiating worthwhile exploration targets. From the Pd values the ultramafics north of Horseshoe Lake may be of interest.

- 3) One sample (9189) southwest of Harvut Lake had an assay of 2579 ppb Au and 75 ppb Pd. This is significant because it has only trace sulfides and is a chip sample over

18m (55ft). If the Pd and Au is only, for example, distributed over 1m then the assay would be 1350 ppb Pb and 46 ppm (1.35 oz/ton) Au over 1m. The sample next to it 9190 is after a gap of 100 feet (due to a lack of outcrop) and it has a Pd assay of 51 ppb (i.e. anomalous) over 20 feet. This area is in no way visably different then any other in the area. This anomalous area was found by taking approximately 50 feet chip samples across the strike of sills in the area. Without this technique this anomalous zone would not have been found.

4) Sample 9237 had an assay of 867 ppb Pd and 269 ppb ^{Au} over 16m (50 feet). If the Pd is only, for example, over a 1m interval then the assay would have been 13,900 ppb Pd which is very significant. This sample is one in a series of 50 feet samples across a ultramafic sill. It appeared to be no different then the rest and only had trace sulfides. This is why as in comment 3 that proper chip sampling across a sill is a worthwhile explorational tool. Sampling of only more sulfide rich areas within the sill would not have found this anomalous 50 foot horizon. Detailed sampling over this horizon may prove to be worthwhile.

5) From the geological maps I have been able to study of the area to the north and south most of the massive Ni-Cu sulfide bodies appear to be epigenetic and structurally related. The best areas for Ni-Cu sulfides seem to be bends and kinks in the ultramafic sills. Also relatively narrow sills (a few ten's of metres) appear to be better targets than the thicker ones. The above preferred area types were not found in the immediate area around Harvut Lake.