



42A06SE1950 2.8490 LANGMUIR

010

Basal Till Sampling
Report
on the
Langmuir West Grid
Langmuir and Fallon Townships
Porcupine Mining Division
District of Timiskaming, Ontario

NTS 42A/6
Latitude 48° 16.5'N
Longitude 81 03'W

August 30, 1985

By: P. Miller

RECEIVED

OCT 01 1985

MINING LANDS SECTION



42A06SE1950 2.8490 LANGMUIR

010C

Table of Contents

Introduction and Summary of Results..... 1-2

Location and Access..... 3-5

Physiography and Vegetation..... 5-6

Property Description..... 6

Survey Procedure 7-8

Property Geology..... 8-13

 Lithology..... 8-11

 Quaternary Geology.....11

 Structural Geology.....12

 Economic Geology.....12-13

Results of Till Identifications.....13-14

Results of +5 mesh Clast Identifications.....14-15

Results of -5 to +250 mesh, Heavy Mineral.....15-16

Grain Identifications.....

Bibliography.....17

Certification.....18

Appendices

 I Overburden Drill Logs

 II Mineral Identifications of the Heavy Mineral Separates of the -5 to +250 Size Fraction

 III Geophysical-Geological-Geochemical Technical Data Statement

Figures

- 1 Location Map (1:1,600,000)
- 2 Location Map (1:250,000)

Maps

- 1 Basal Till Sampling, +5M clast
Lithology Identification

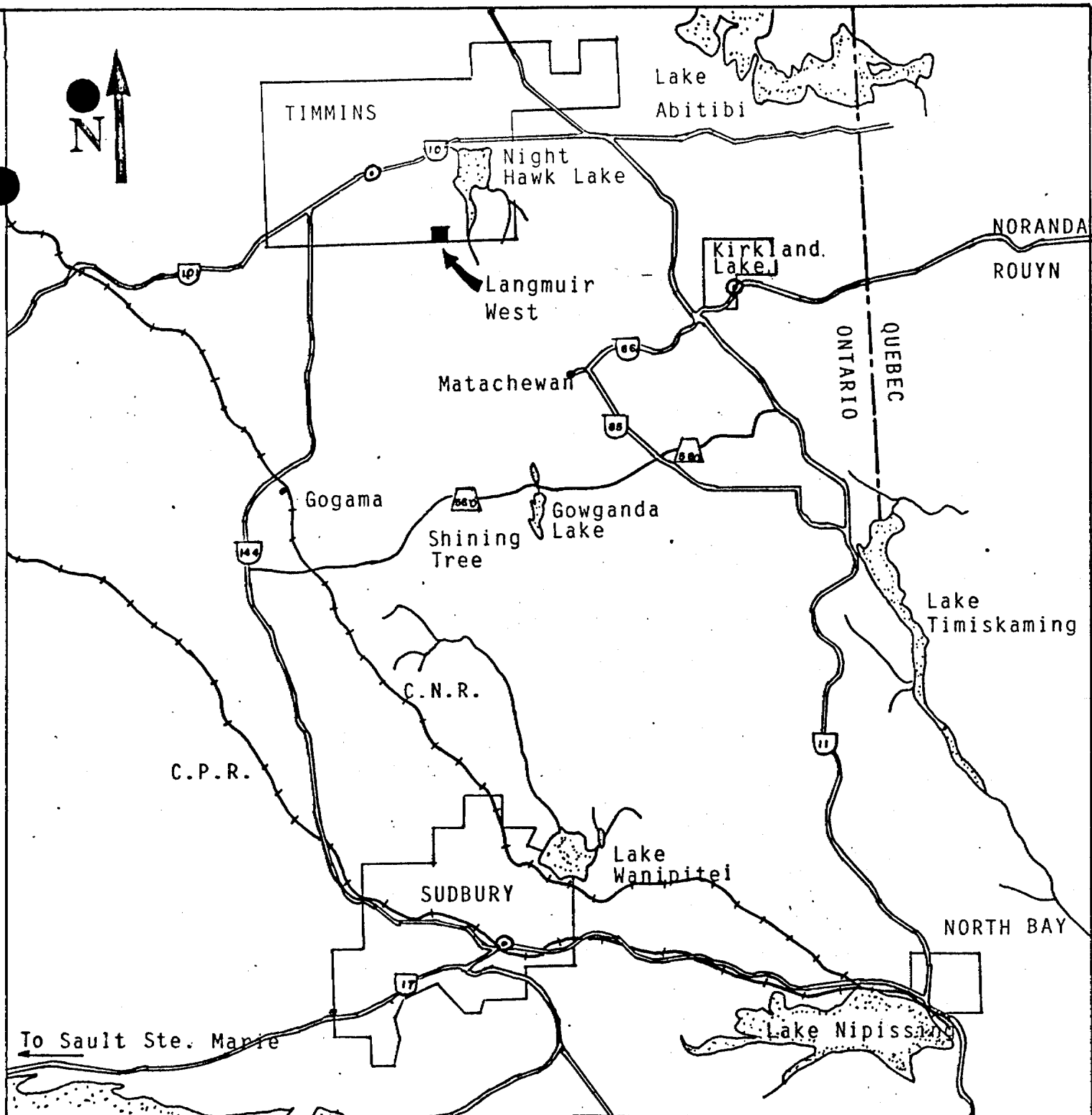
Introduction and Summary of Results

This report describes the results of a basal till sampling program designed to determine the causative sources of VLF electromagnetic anomalies, previously outlined in a geophysical survey performed in 1984. Valuable information was gained about the bedrock geology and the type of overburden in the vicinity of the conductors. The Langmuir West property is situated in Langmuir and Fallon townships 30 kilometers southeast of the city of Timmins. Mr. David J. Meunier of South Porcupine, Ontario is the owner of the surveyed claims.

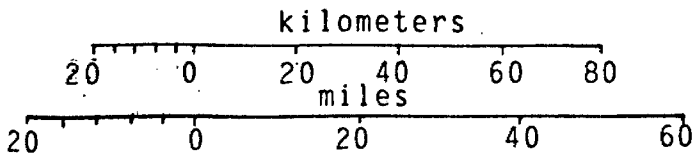
R. Cormier and Associates Ltd. were contracted to carry out the basal till sampling program between May 29 to June 9, 1985 utilizing a pionjar drill. Five lines of holes were drilled over four separate conductors, Holes were drilled at 25 and 12.5 meter intervals along grid lines trending at 000°. In total 45 holes with an aggregate length of 294.1 meters were drilled. Microscopic, minerological and lithological identifications were respectively performed on the heavy mineral separates of the -5 to +250 mesh and the entire +5 mesh size fractions of the overburden samples. The -5 to +250 mesh identifications were done by C.F. Gleeson and Associates Ltd. and the +5 mesh identifications were done by the author of this report. All of the size fraction, heavy mineral and magnetic mineral separations were completed by R. Cormier and Associates Ltd.

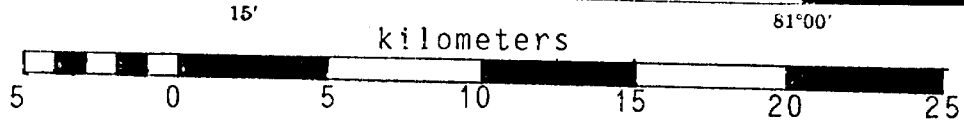
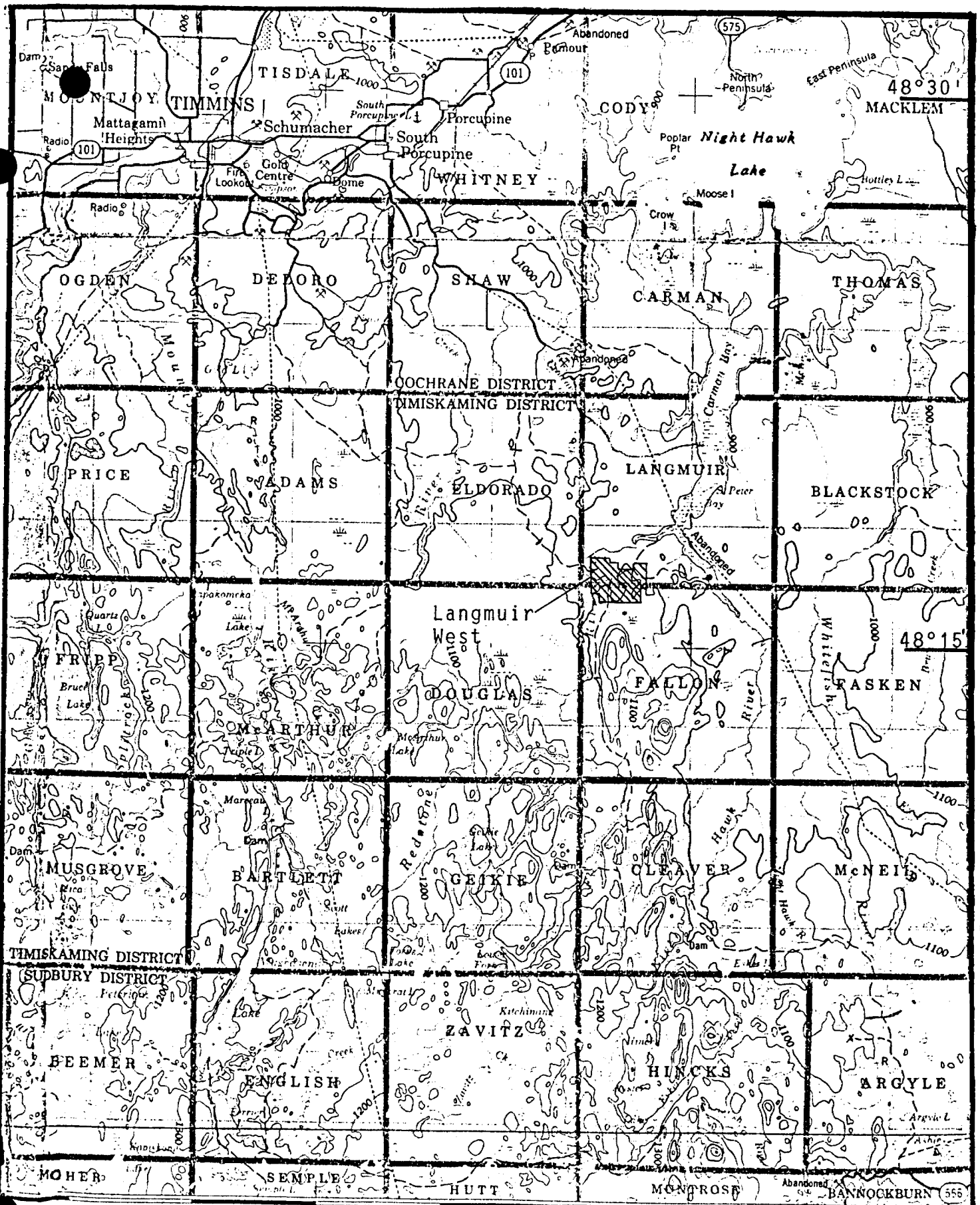
Basal till was identified as being sampled at 65% of the sample locations. The average weight of sample recovered was 230.7 grams, from an average depth of 6.53 meters. The basal till generally had a thickness of less than 0.5 meters. Overburden logs, prepared by the drill contractor, failed to identify the basal till, which is present in many of the holes. Most of the logs indicated an organic layer overlying either clay and silt ± sand or gravel and silt ± sand horizons.

The mineralogical and lithological identifications failed to identify the causes of any of the conductors. Lithological, +5 mesh, clast identification indicates that mafic and intermediate volcanics, monzonite and Huronian sediments underlie, or are immediately up ice from the holes drilled near the baseline on lines 6W and 7W. Ultramafic volcanic flows, Huronian sediments and diabases were the major lithologies identified in holes drilled between 0+75S and 4+00N on lines 6E and 8E. One to three percent pyrite was observed in four holes, between 1+00N to 1+50N on line 7W, in the heavy mineral separates. Siliceous intermediate tuff clasts, some of which host 2-3% pyrite, are associated with the pyrite anomalous heavy mineral samples.



MEUNIER OPTION	
LANGMUIR WEST	
LOCATION MAP	
Date Sept 1985	Scale 1:1,600,000
P.M.	Fig. 1





LOCATION MAP
LANGMUIR WEST PROPERTY
scale 1:250,000

Location and Access

The property is centered 30 kilometers southeast of Timmins, Ontario at latitude $48^{\circ} 16.5'$ north and longitude $81^{\circ} 03'$ west, NTS 42A/6. Figures 1 and 2 illustrate the property's location at 1:1,600,000 and 1:250,000 scales respectively. Gravel road access is available into the centre of the property commencing at Connaught Hill, south of South Porcupine. From Connaught Hill, the Langmuir Mine Road is followed in a south-westerly direction for 15.2 kilometers until it's junction with Night Hawk Timber Co. Ltd's. private access road is met. The access road is then followed for 15.0 kilometers, in a southerly direction, until the grid is reached. A walking trail accesses the northeast portion of the grid.

Physiography and Vegetation

The grid area is low lying with variances in elevation being less than 20 meters. Steep-sided erosional remnants of Cobalt Group sediments form the region's prominent topographical features.

Spruce, balsam and minor poplar forest covers most of the grid's northern portion with the exception of a 200 meter wide, north-south trending area, coincident with the north ends of lines 2W and 3W. This region is covered by muskeg - alder swamp surrounding a beaver pond and it's northerly draining

creek. The southwest sector of the grid is logged with much of it having been replanted in the spring of 1985. Most of the southeast of the property is covered by spruce-balsam-alder-muskeg swamp. Drainages flow north and include the Forks River which abutts the western boundary of the property. A small creek runs in a northerly direction through the southeast of the grid.

Property Description

The Langmuir West property is centered around the one mile post on Langmuir and Fallon Townships' common boundary, Porcupine Mining Division, District of Timiskaming, Ontario. Pionjar drill holes were completed on unpatented claims P-758882, P-758883, P-758886, P-758887 and P-825716. Claims on which assessment work is being applied for are listed below:

<u>Claim Number</u>	<u>Number of Claims</u>
P-758882	1
P-779600	1
P-825716	1
P-826278	1
P-826279	1
P-826282	1
P-826416	1
P-831635	1
Total	<u>8</u>

Survey Procedure

Basal till sampling was conducted between May 29 - June 9, 1985, by a two man crew utilizing a pionjar drill. The pionjar drill is a portable percussion drill that obtains a single overburden sample from each hole, over a 20 centimeter long interval, immediately above the bedrock-overburden interface. Between 8 and 10 holes were drilled at 12.5 and 25.0 meter intervals, along 000° trending metric grid lines, across the conductors. Five lines of holes were drilled across four separate conductors. In total 45 holes having an aggregate length of 294.1 meters were completed. Weights of recovered samples ranged from 103.6 to 384.5 grams, having an average of 230.7 grams. Drill logs, summarizing the types of overburden encountered, were completed simultaneously with the drilling, by the drill crew personnel.

Sample preparation was done by R. Cormier and Associates Ltd. Initially the samples were screened into +5, -5 to +250 and -250 mesh size fractions. The -5 to +250 mesh fraction was then subjected to heavy liquid separations using tetrabrom-aform (2.96 gm/cm^3) and methylene iodide (3.2 gm/cm^3). Grains having specific gravities of between 2.96 to 3.2 gm/cm^3 and greater than 3.2 gm/cm^3 were then subjected to magnetic separations. Microscopic examination of the magnetic and non magnetic portions of the -5 to +250 mesh size fraction, with a specific gravity of greater than 3.2 gm/cm^3 , was completed by C.F. Gleeson and

Associates Limited. The +5 mesh size fraction underwent binocular microscopic examination by the author of this report.

Property Geology

The description of the property's geology, is taken from the result of a geological mapping survey which was performed during the summer of 1985, for Mr. David J. Meunier. This mapping was, in part, completed by the author of this report.

Lithology

Approximately 5% outcrop is exposed on the property, being mainly confined to the area between lines 3E to 10E, north of 1+00N. With the exception of the Proterozoic Cobalt Group sediments, all lithological units are Archean in age.

Komatiite ultramafic flows comprise the majority of outcrop over the north central grid area. A 15 to 20 meter thick pillowed basaltic komatiite occurs as a flow unit within the komatiite flow sequence. Several thin east-west trending quartz-feldspar and feldspar porphyry dikes and a thick north-south trending diabase dike have sequentially intruded the ultramafic flows. Exposed, south of the baseline on line 12E, mafic to intermediate volcanic flows with a thin intercalated tuff horizon stratigraphically overlie the komatiite flows.

An east-west trending gabbro sill and a north-south trending diabase dike intrude the volcanics.

Ultramafic komatiite flows are fine grained, magnetic, brown weathering, variably altered units with individual flows, have thickness' ranging from less than one meter up to several tens of meters. Fresh, they are black to green-grey in colour displaying spinifex, polygonal jointing and less commonly, knobby peridotite and flow top breccia textures. On the north end of lines 3E to 6E the ultramafic flows have undergone varying degrees of carbonate, serpentine, talc and pyrite alteration, adjacent to the porphyry dikes. Elsewhere, the flows are weakly to moderately serpentinized. The basaltic komatiite pillow flow weathers green, is light grey-green in colour when fresh, and has pillows varying from 30 to 70 centimeters in diameter.

Mafic to intermediate flows occur as massive to pillowed, light green to green-grey weathering fine-grained units. Fresh, they are green to dark green-grey in colour. Commonly, they are chloritically altered and occasionally they contain minor quartz-carbonate veinlets and trace to one percent pyrite. A thin 10 meter thick banded tuff unit is exposed on line 12E at 4+50S. The gabbro intrusive is medium to coarse-grained, weathers brown, has a knobby texture and has been subjected to serpentine and chlorite alteration. Fresh, it is black-green in colour containing 70-80% pyroxene and amphibole with 20-30% interstitial plagioclase.

Trending at 100° to 110° with subvertical dips, several 2-10 meter thick quartz-feldspar and feldspar porphyry dikes have intruded the ultramafic flows over the very north of the grid between lines 3E and 6E. The dikes pinch and swell irregularly along their lengths. Typically weathering pink or white and being grey or pink when fresh, the feldspar porphyry dikes contain 20-30%, 2-5mm diameter, euhedral K-spar phenocrysts in a fine-grained matrix hosting 10-15% biotite and/or amphibole and up to 2% disseminated pyrite. Quartz-feldspar porphyry dikes are descriptively similar to the feldspar porphyry variety with the exception that they host up to 20%, 2-4mm diameter, quartz eyes.

The diabase is primarily exposed as a north-south trending 35-100 meter thick dike coincident with line 6E. A faulted off portion of this dike was located between lines 4E and 5E. Diabase also outcrops 60 meters east of line 12E at the baseline. It is a brown weathering massive, moderately magnetic unit that is green-black in colour when fresh. Normally, medium grained, the diabase is composed of 40% subhedral pyroxene ± hornblende, 60% euhedral plagioclase grains and trace amounts of disseminated pyrite. Locally, it is epidote altered along fractures.

Centered on line 5W at the baseline and line 8E at 1+50N, Cobalt Group sediments occur as interbedded conglomerates,

argillites and siltstones. Argillites are distinguished from the siltstones by their fissile nature. Conglomerates are polymictic containing up to 70%, but more commonly, 40-50% subrounded to rounded granitic, mafic volcanic and felsic volcanic clasts in a silty dark grey matrix.

Quaternary Geology

Ninety five percent of the grid area is overlain by unconsolidated Quaternary deposits. Glaciolacustrine clay and silt are the dominant deposit type, covering approximately 70% of the area (Lee 1979) Subordinate peat and organic terrain overlies the glaciolacustrine sediments. Outcrop areas on the north-central grid region are covered by C horizon soil or a thin veneer of till. Gravel, sand and silt deposits overlie the logged regions on the southwest of the grid. A north-northeast trending 100-150m wide, 3-5 meter high ridge of gravel, sand and clay is coincident with lines 6E-8E between 0+50N and 5+50S. The ridge may be an esker landform. In many instances a thin layer of basal till is present along the overburden-bedrock interface. Overburden has an average depth of 6.5 meters. Glacial material is believed to have been transported from north to south (Pyke, 1970).

Structural Geology

Ultramafic units consistently strike a 040° - 050° with dips of 070° - 085° to the south. The mafic to intermediate volcanics on line 12E have strike directions of 110 - 180° with dips of 060 - 070° to the south. A well developed schistosity of 020 - $040^{\circ}/80^{\circ}$ E crosscuts the intermediate-mafic volcanics. Top directions for both the mafic-intermediate and ultramafic volcanics is to the south.

The diabase dike, in the north central grid area, appears to have been offset by a N.N.W. trending fault in a right lateral sense. Elsewhere, north-south faulting is suspected between lines 4E and 5E, where the east-west trending porphyry dikes abruptly terminate.

Cobalt sediments, located at line 8E-2+00N have beds striking W.N.W. with dips of 50° to the north. A well developed N.W. striking, steeply north dipping cleavage overprints the bedding. The sediments centered on line 5W at the baseline have southeast striking beds with dips of 030 - 045° to the south.

Economic Geology

North-south trending quartz veins which are hosted in the felsic porphyry dikes on the north central grid area,

contain up to several percent pyrite. Surrounding the feldspar porphyry dikes, over a 150 by 300 meter area, is a well developed carbonate-talc-serpentine alteration halo in the ultramafics. Vein zones, which consist of 10%-30% quartz veins, are typically less than 2 meters wide and 10 meters long. Although the quartz vein zones are interesting, the large amount of work done on them by the Porcupine Miracle Mining Co. Ltd., between 1912 and 1915, and their subsequent negative results, indicate that gold mineralization is absent. No indications of economic mineralization were observed elsewhere on the property.

Results of Till Identification

Drill logs, detailing the types of overburden encountered, were completed by drill contractor personnel while drilling was underway. These logs are presented in appendix I at the back of the report. Most holes initially encountered 0.1 to 0.2 meters of organic material followed by a variable thickness of either clay, silt and sand or gravel, sand ± silt horizons. Basal till was normally encountered 1.0 to 0.2 meters above the bedrock-overburden interface. Many of the overburden drill logs failed to identify basal till in the holes. Subsequent examination of the +5 mesh size fraction, indicated that more basal till samples are present than were previously recognized. C horizon soil was

sampled at several locations, where there was only thin cover. The depth of overburden varied from 0.0 to 17.4 meters having an average of 6.5 meters.

Results of +5 mesh Clast Identification

Major and minor clast lithology types along with overburden depth, number of clasts and sample type are presented on Map 1 at the back of this report.

Clast lithology identifications failed to identify the causes of the conductors. Major lithologies identified included; ultramafic volcanic flows, mafic volcanic flows, intermediate volcanic flows and tuffs, porphyritic and equigranular monzonite, diabase and Huronian Cobalt Group, siltstone, and sandstones. Lithologies occurring in minor amounts include; granodiorite, Huronian conglomerate and argillite, vein quartz and vein quartz-carbonate.

Intermediate tuffs were recognized at only one location during bedrock mapping but occur frequently in till samples obtained from lines 6W and 7W. They are light green coloured, weakly banded, moderately schistose units that host 5%-30% subrounded to subangular 2-7mm diameter fragments in a fine grained matrix. The tuffs are weakly chlorite \pm sericite-carbonate altered and on occasion host up to 2% disseminated pyrite as euhedral grains. Associated with the tuffs are mafic to intermediate volcanic flows.

Huronian sediments often have a well developed cleavage in them that is transposed onto their bedding. Sandstones occur as arkoses, quartzose arkoses and greywackes.

Ultramafic volcanics have undergone variable degrees of serpentine, carbonate and rarely talc alteration.

Samples taken on line 6W and 7W are suspected of being primarily derived from mafic to intermediate volcanic, monzonite and Huronian sediment bedrock. Those samples obtained on lines 6E and 8E mainly consist of ultramafic volcanic, diabase, Huronian sediment and monzonite clasts.

Heavy Mineral (+3.2 gm/cm³), -5 to +250 mesh Identification

Results of the heavy mineral identifications are presented in appendix II. No causes for the conductors were observed. Minerals consistently occurring in amounts greater than 5%, and listed in order of abundance are; pyroxene, magnetite, amphibole, epidote and garnet. Minerals occurring in minor amounts include; apatite, goethite, ilmenite, pyrite, sphene, tourmaline, zircon, hematite, biotite, leucosene and chlorite. The relative amounts of the mineral types is primarily a function of their abundance in bedrock, up ice from the sample location, and their chemical and physical stability in the secondary environment.

The percentages of major minerals present remains relatively constant for all the till samples. Amphibole occurs

in amounts that are considered to be higher than is normally found in Archean terrains. No bedrock source for the elevated amphibole contents was found. Changes in the mineral contents cannot be reliably related to changes in the clast lithologies that were identified during the +5 mesh clast identifications.

Samples 6051 to 6054 have anomalous pyrite contents of 1% to 3%. Intermediate tuffs containing 2-3% pyrite in sample 6054 suggest a possible source for some of the pyrite.

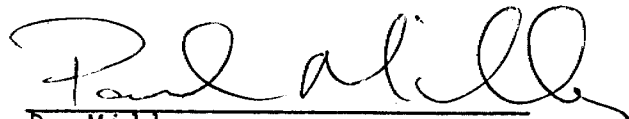
BIBLIOGRAPHY

- LEE, H.A.: Northern Ontario Engineering Geology Terrain Study, Data Base Map, Kirkland Lake, Ontario Geological Survey, Map 5029, Scale 1:100,000
- MADILL, B.H. (1985): Geophysical Survey Report on the Meunier Project, Langmuir East Grid/North Extensions and Langmuir West Grid; for David J. Meunier, 21p.
- PYKE, D.R. (1982): Geology of the Timmins Area, District of Cochrane, Ontario Geological Survey Report 219 141p.
- PYKE, D.R. (1972): Geology of Fallon and Fasken Townships; District of Timiskaming; Ontario, Division of Mines, Geology Report 104, 32p.
- PYKE, D.R. (1970): Geology of Langmuir and Blackstock Townships; Ontario Division of Mines, Geology Report 86, 56p.

CERTIFICATION

I, PAUL D. MILLER, certify:

1. That I reside at 448 Eglinton Ave. West, Toronto, Ontario.
2. That I graduated from the University of Toronto in 1980 with a B.A.Sc. in Geological Engineering.
3. That I have been continuously employed as an exploration geologist since 1980.



P. Miller
Geologist

APPENDIX I
Overburden Drill Logs



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6051	DRILL No./No DU TROU: 6051	DATE: 29/5/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 15.5 M	SAMPLERS./ SONDEURS: MM FL.	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 7W	STATION: 1450N	LOCATION./LOCALITÉ: LANGMUIR W.

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	1.5	ORGANIC	ORGANIC ORGANIQUE %
1.5	5.0	CLAY	CLAY ARGILE %
5.0	10.0	FINE SAND	SILT SILTE %
10.0	15.5	COARSE SAND	FINE SAND SABLE FIN %
15.5		BEDROCK	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

1 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6052	DRILL No./No DU TROU: 6052	DATE: 29/5/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 17.3 M	SAMPLERS./ SONDEURS: MM FL.	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 7W	STATION: 1425N	LOCATION./LOCALITÉ: LANGMUIR W.

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	3.0	CLAY	CLAY ARGILE %
3.0	13.0	FINE SAND	SILT SILTE %
13.0	17.3	COARSE SAND	FINE SAND SABLE FIN %
17.3		BEDROCK	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

1 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6053</i>	DRILL No./No DU TROU: <i>6053</i>	DATE: <i>29/5/85</i>
SAMPLE DEPTH./ PROF. D'ÉCHANT: <i>11.5 M</i>	SAMPLERS./ SONDEURS: <i>MM FL</i>	CONTRACT./ CONTRAT: <i>LAC MINERALS</i>
LINE./ LIGNE: <i>7 W</i>	STATION: <i>1+12.5N</i>	LOCATION./ LOCALITÉ: <i>LANGMUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
<i>0</i>	<i>0.5</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.5</i>	<i>6.0</i>	<i>CLAY</i>	CLAY ARGILE %
<i>6.0</i>	<i>11.5</i>	<i>FINE SAND</i>	SILT SILTE %
<i>11.5</i>		<i>BEDROCK</i>	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

1 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6054</i>	DRILL No./No DU TROU: <i>6054</i>	DATE: <i>31/5/85</i>
SAMPLE DEPTH./ PROF. D'ÉCHANT: <i>7.4 M</i>	SAMPLERS./ SONDEURS: <i>MM F.L.</i>	CONTRACT./ CONTRAT: <i>LAC MINERALS</i>
LINE./ LIGNE: <i>7 W</i>	STATION: <i>1+00N</i>	LOCATION./ LOCALITÉ: <i>LANGMUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
<i>0</i>	<i>0.4</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.4</i>	<i>5.0</i>	<i>CLAY</i>	CLAY ARGILE %
<i>5.0</i>	<i>7.0</i>	<i>BOLDER</i>	SILT SILTE %
<i>7.0</i>	<i>7.4</i>	<i>FINE SAND</i>	FINE SAND SABLE FIN %
<i>7.4</i>		<i>BEDROCK</i>	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

1 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécanour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6055	DRILL No./No DU TROU: 6055	DATE: 31/5/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 6.8 M	SAMPLERS./SONDEURS: MM F.L.	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: TW	STATION: 0+77.5N	LOCATION./LOCALITÉ: LANEUVIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE: SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE: SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE: SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	5.0	CLAY	CLAY ARGILE %
5.0	6.8	FINE SAND	SILT SILTE %
6.8		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

1 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécanour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6056	DRILL No./No DU TROU: 6056	DATE: 31/5/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 8.3 M	SAMPLERS./SONDEURS: MM FL	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: TW	STATION: 0+75N	LOCATION./LOCALITÉ: LANEUVIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE: SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE: SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE: SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	5.0	CLAY	CLAY ARGILE %
5.0	8.3	FINE SAND	SILT SILTE %
8.3		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

1 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MM 6057</i>	DRILL No./No DU TROU: <i>6057</i>	DATE: <i>31/5/85</i>
SAMPLE DEPTH./PROF.D'ÉCHANT: <i>5.8M</i>	SAMPLERS./SONDEURS: <i>MM FL</i>	CONTRACT./CONTRAT: <i>LAC MINERAL</i>
LINE./LIGNE: <i>7W</i>	STATION: <i>0+50N</i>	LOCATION./LOCALITÉ: <i>LANGMUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

POINT STOPPED:
ARRÊT DE POINTE:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
<i>0</i>	<i>0.8</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.8</i>	<i>4.0</i>	<i>CLAY</i>	CLAY ARGILE %
<i>4.0</i>	<i>5.8</i>	<i>FINE SAND</i>	SILT SILTE %
<i>5.8</i>		<i>BEDROCK</i>	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

1 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050 Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6058</i>	DRILL No./No DU TROU: <i>6058</i>	DATE: <i>31/5/85</i>
SAMPLE DEPTH./PROF.D'ÉCHANT: <i>2.5M</i>	SAMPLERS./SONDEURS: <i>MM FL</i>	CONTRACT./CONTRAT: <i>LAC MINERAL</i>
LINE./LIGNE: <i>7W</i>	STATION: <i>0+25N</i>	LOCATION./LOCALITÉ: <i>LANGMUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

POINT STOPPED:
ARRÊT DE POINTE:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
<i>0</i>	<i>0.3</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.3</i>	<i>2.0</i>	<i>FINE SAND</i>	CLAY ARGILE %
<i>2.0</i>	<i>2.5</i>	<i>BOLDER</i>	SILT SILTE %
<i>2.5</i>		<i>BEDROCK</i>	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

2 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6059	DRILL No./No DU TROU: 6059	DATE: 1/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 4.6 M	SAMPLERS./ SONDEURS: MM	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 6 W	STATION: 1+50 S	LOCATION./LOCALITÉ: LANGENUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:
POINT STOPPED: ARRÊT DE POINTE:
POINT EXTRACTED: EXTRACTION DE POINTE:

SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.4	ORGANIC	ORGANIC ORGANIQUE %
0.4	4.6	FINE SAND	CLAY ARGILE %
4.6		BEDROCK	SILT SILTE %
			FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6060	DRILL No./No DU TROU: 6060	DATE: 1/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 2.3 M	SAMPLERS./ SONDEURS: MM LM	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 6 W	STATION: 1+75 S	LOCATION./LOCALITÉ: LANGENUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:
POINT STOPPED: ARRÊT DE POINTE:
POINT EXTRACTED: EXTRACTION DE POINTE:

SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	2.0	FINE SAND	CLAY ARGILE %
2.0	2.3	BOLDER	SILT SILTE %
2.3		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

2 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 515 6061	DRILL No./No DU TROU: 6061	DATE: 1/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 4.3 M	SAMPLERS./SONDEURS: MM LM	CONTRACT./CONTRAT: LAC MINERAL
LINE./LIGNE: 6 W	STATION: 2+00S	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:	SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE:	SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE:	SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	2.0	FINE SAND	CLAY ARGILE %
2.0	4.3	BOLDER	SILT SILTE %
4.3		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 515 6062	DRILL No./No DU TROU: 6062	DATE: 1/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 4.9 M	SAMPLERS./SONDEURS: MM L.M.	CONTRACT./CONTRAT: LAC MINERAL
LINE./LIGNE: 6 W	STATION: 2+12.5 S	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:	SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE:	SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE:	SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.4	ORGANIC	ORGANIC ORGANIQUE %
0.4	3.0	FINE SAND	CLAY ARGILE %
3.0	4.9	BOLDER	SILT SILTE %
4.9		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6063	DRILL No./No DU TROU: 6063	DATE: 1/6/85
SAMPLE DEPTH:/ PROF. D'ÉCHANT: 3.5 M	SAMPLERS:/ SONDEURS: MM LM	CONTRACT:/ CONTRAT: LAC MINERALS
LINE:/ LIGNE: 6 W	STATION: 2+25 S	LOCATION:/ LOCALITÉ: LANGMUIRW

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE: SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE: SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE: SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.5	ORGANIC	ORGANIC ORGANIQUE %
0.5	4.0	MEDIUM SAND	CLAY ARGILE %
4.0	5.5	FINE SAND	SILT SILTE %
5.5		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6064	DRILL No./No DU TROU: 6064	DATE: 1/6/85
SAMPLE DEPTH:/ PROF. D'ÉCHANT: 7.1 M	SAMPLERS:/ SONDEURS: MM LM	CONTRACT:/ CONTRAT: LAC MINERALS
LINE:/ LIGNE: 6 W	STATION: 2+37.5 S	LOCATION:/ LOCALITÉ: LANGMUIRW

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE: SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE: SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE: SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.5	ORGANIC	ORGANIC ORGANIQUE %
0.5	5.0	MEDIUM SAND	CLAY ARGILE %
5.0	7.0	BOLDER	SILT SILTE %
7.0	7.1	FINE SAND	FINE SAND SABLE FIN %
7.1		BEDROCK	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6065</i>	DRILL No./No DU TROU: <i>6065</i>	DATE: <i>2/6/85</i>
SAMPLE DEPTH:/ PROF. D'ÉCHANT: <i>10.3 M</i>	SAMPLERS:/ SONDEURS: <i>MM LM</i>	CONTRACT:/ CONTRAT: <i>LAC MINERALS</i>
LINE:/ LIGNE: <i>6W</i>	STATION: <i>2+50S</i>	LOCATION:/LOCALITÉ: <i>LANGMUIRW</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:	SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE:	SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE:	SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
<i>0</i>	<i>0.3</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.3</i>	<i>6.0</i>	<i>BOLDER</i>	CLAY ARGILE %
<i>6.0</i>	<i>8.0</i>	<i>MEDIUM SAND</i>	SILT SILTE %
<i>8.0</i>	<i>10.3</i>	<i>FINE SAND</i>	FINE SAND SABLE FIN %
<i>10.3</i>		<i>BEDROCK</i>	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

J. Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6066</i>	DRILL No./No DU TROU: <i>6066</i>	DATE: <i>2/6/85</i>
SAMPLE DEPTH:/ PROF. D'ÉCHANT: <i>5.7 M</i>	SAMPLERS:/ SONDEURS: <i>MM LM</i>	CONTRACT:/ CONTRAT: <i>LAC MINERALS</i>
LINE:/ LIGNE: <i>6W</i>	STATION: <i>2+62.5S</i>	LOCATION:/LOCALITÉ: <i>LANGMUIRW</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:	SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE:	SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE:	SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
<i>0</i>	<i>0.4</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.4</i>	<i>3.0</i>	<i>BOLDER</i>	CLAY ARGILE %
<i>3.0</i>	<i>5.7</i>	<i>FINE SAND</i>	SILT SILTE %
<i>5.7</i>		<i>BEDROCK</i>	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6067	DRILL No./No DU TROU: 6067	DATE: 2/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 5.2 M	SAMPLERS./SONDEURS: MM LM	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: 6W	STATION: 2+75 S	LOCATION./LOCALITÉ: LANGEMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	4.0	BOLDER	CLAY ARGILE %
4.0	5.2	FINE SAND	SILT SILTE %
5.2		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6068	DRILL No./No DU TROU: 6068	DATE: 2/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 4.5 M	SAMPLERS./SONDEURS: MM LM	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: 6W	STATION: 3+00 S	LOCATION./LOCALITÉ: LANGEMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	2.0	BOLDER	CLAY ARGILE %
2.0	4.5	FINE SAND	SILT SILTE %
4.5		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6069	DRILL No./No DU TROU: 6069	DATE: 3/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 2.1 M	SAMPLERS./SONDEURS: MM LM	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: 8 E	STATION: 4700 N	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE: SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE: SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE: SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	2.1	CLAY	CLAY ARGILE %
2.1		BEDROCK	SILT SILTE %
			FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS: REMARQUES:

6 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6070	DRILL No./No DU TROU: 6070	DATE: 3/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 11.3 M	SAMPLERS./SONDEURS: MM LM	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: 8 E	STATION: 3775 N	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE: SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE: SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE: SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.6	ORGANIC	ORGANIC ORGANIQUE %
0.6	3.0	CLAY	CLAY ARGILE %
3.0	10.9	FINE SAND	SILT SILTE %
10.9	11.3	BASAL TILL	FINE SAND SABLE FIN %
11.3		BEDROCK	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS: REMARQUES:

3 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6071</i>	DRILL No./No DU TROU: <i>6071</i>	DATE: <i>3/6/85</i>
SAMPLE DEPTH:/ PROF. D'ÉCHANT: <i>13.3 M</i>	SAMPLERS:/ SONDEURS: <i>M M L M</i>	CONTRACT:/ CONTRAT: <i>LAC MINERALS</i>
LINE:/ LIGNE: <i>8 E</i>	STATION: <i>3+50 N</i>	LOCATION:/ LOCALITÉ: <i>LANGMUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DE DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
<i>0</i>	<i>0.3</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.3</i>	<i>2.0</i>	<i>CLAY</i>	CLAY ARGILE %
<i>2.0</i>	<i>13.3</i>	<i>FINE SAND</i>	SILT SILTE %
<i>13.3</i>		<i>BEDROCK</i>	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

1 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6072</i>	DRILL No./No DU TROU: <i>6072</i>	DATE: <i>5/6/85</i>
SAMPLE DEPTH:/ PROF. D'ÉCHANT: <i>15.6 M</i>	SAMPLERS:/ SONDEURS: <i>M M L M</i>	CONTRACT:/ CONTRAT: <i>LAC MINERALS</i>
LINE:/ LIGNE: <i>8 E</i>	STATION: <i>3+37.5 N</i>	LOCATION:/ LOCALITÉ: <i>LANGMUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
<i>0</i>	<i>0.6</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.6</i>	<i>3.0</i>	<i>CLAY</i>	CLAY ARGILE %
<i>3.0</i>	<i>13.0</i>	<i>FINE SAND</i>	SILT SILTE %
<i>13.0</i>	<i>15.6</i>	<i>MEDIUM SAND</i>	FINE SAND SABLE FIN %
<i>15.6</i>		<i>BEDROCK</i>	MEDIUM SAND SABLE MED %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

2 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6073</i>	DRILL No./No DU TROU: <i>6073</i>	DATE: <i>5/6/85</i>
SAMPLE DEPTH./PROF.D'ÉCHANT: <i>16.3 M</i>	SAMPLERS./SONDEURS: <i>MM LM</i>	CONTRACT./CONTRAT: <i>LAC MINERALS</i>
LINE./LIGNE: <i>8 E</i>	STATION: <i>3+25 N</i>	LOCATION./LOCALITÉ: <i>LANGMUIRW</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
<i>0</i>	<i>0.8</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.8</i>	<i>4.0</i>	<i>CLAY</i>	CLAY ARGILE %
<i>4.0</i>	<i>14.0</i>	<i>FINE SAND</i>	SILT SILTE %
<i>14.0</i>	<i>16.3</i>	<i>MEDIUM SAND</i>	FINE SAND SABLE FIN %
<i>16.3</i>		<i>BED ROCK</i>	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

2 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6074</i>	DRILL No./No DU TROU: <i>6074</i>	DATE: <i>5/6/85</i>
SAMPLE DEPTH./PROF.D'ÉCHANT: <i>17.4 M</i>	SAMPLERS./SONDEURS: <i>MM LM</i>	CONTRACT./CONTRAT: <i>LAC MINERALS</i>
LINE./LIGNE: <i>8 E</i>	STATION: <i>3+12.5 N</i>	LOCATION./LOCALITÉ: <i>LANGMUIRW</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
<i>0</i>	<i>0.9</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.9</i>	<i>2.0</i>	<i>CLAY</i>	CLAY ARGILE %
<i>2.0</i>	<i>15.0</i>	<i>FINE SAND</i>	SILT SILTE %
<i>15.0</i>	<i>17.4</i>	<i>MEDIUM SAND</i>	FINE SAND SABLE FIN %
<i>17.4</i>		<i>BED ROCK</i>	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6075	DRILL No./No DU TROU: 6075	DATE: 5/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 10.3 M	SAMPLERS./SONDEURS: MM LM	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: 8E	STATION: 3+00N	LOCATION./LOCALITÉ: LANGMUIRW

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE: SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:
POINT STOPPED:
ARRÊT DE POINTE: SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED:
EXTRACTION DE POINTE: SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.8	ORGANIC	ORGANIC ORGANIQUE %
0.8	1.0	CLAY	CLAY ARGILE %
1.0	9.0	FINE SAND	SILT SILTE %
9.0	10.3	MEDIUM SAND	FINE SAND SABLE FIN %
10.3		BEDROCK	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6076	DRILL No./No DU TROU: 6076	DATE: 5/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 4.6 M	SAMPLERS./SONDEURS: MM LM	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: 8E	STATION: 2+89.5N	LOCATION./LOCALITÉ: LANGMUIRW

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE: SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:
POINT STOPPED:
ARRÊT DE POINTE: SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED:
EXTRACTION DE POINTE: SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.6	ORGANIC	ORGANIC ORGANIQUE %
0.6	3.0	BOLDER	CLAY ARGILE %
3.0	4.6	FINE SAND	SILT SILTE %
4.6		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

rcaR. Cormier & Associés Ltée
Associates Ltd.2050, Thibault,
Bécancour, Qué.
Canada, G1A 8B0
Tél. - (819) 207-9939

SMS 6077 - DATE 6/6/85

LOG MISSING

LINE BE-2475N LANGMUIR W.

DEPTH OF OVERBURDEN

2.2 m.

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: SMS 6078	DRILL No./No DU TROU: 6078	DATE: 6/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 2.8 M	SAMPLERS./SONDEURS: MM	CONTRACT./CONTRAT: Langmuir Minerals
LINE./LIGNE: 8 E	STATION: 2450N	LOCATION./LOCALITÉ: LANGMUIR W.

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:	SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE:	SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE:	SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.2	ORGANIC	ORGANIC ORGANIQUE %
0.2	2.0	BOLDER	CLAY ARGILE %
2.0	2.8	FINE SAND	SILT SILTE %
2.8		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6079</i>	DRILL No./No DU TROU: <i>6079</i>	DATE: <i>6/6/95</i>
SAMPLE DEPTH./PROF.D'ÉCHANT: <i>OUTCROP</i>	SAMPLERS./SONDEURS: <i>MM LM</i>	CONTRACT./CONTRAT: <i>LAC MINERALS</i>
LINE./LIGNE: <i>6E</i>	STATION: <i>2+75N</i>	LOCATION./LOCALITÉ: <i>LANGMUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE: SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE: SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE: SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
			ORGANIC ORGANIQUE %
			CLAY ARGILE %
			SILT SILTE %
<i>0</i>		<i>OUTCROP</i>	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS: REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6080</i>	DRILL No./No DU TROU: <i>6080</i>	DATE: <i>6/6/95</i>
SAMPLE DEPTH./PROF.D'ÉCHANT: <i>1.3 M</i>	SAMPLERS./SONDEURS: <i>MM LM</i>	CONTRACT./CONTRAT: <i>LAC MINERALS</i>
LINE./LIGNE: <i>6E</i>	STATION: <i>2+50N</i>	LOCATION./LOCALITÉ: <i>LANGMUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE: SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE: SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE: SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
<i>0</i>	<i>0.3</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.3</i>	<i>1.0</i>	<i>BOLDER</i>	CLAY ARGILE %
<i>1.0</i>	<i>1.3</i>	<i>FINE SAND</i>	SILT SILTE %
<i>1.3</i>		<i>BEDROCK</i>	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS: REMARQUES:

5 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6081	DRILL No./No DU TROU: 6081	DATE: 6/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 2.6 M	SAMPLERS./SONDEURS: M.M L.M	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: 6 E	STATION: 2+25 N	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING-TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE: SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE: SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE: SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	2.6	CLAY	CLAY ARGILE %
2.6		BEDROCK	SILT SILTE %
			FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

3 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6082	DRILL No./No DU TROU: 6082	DATE: 6/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 3.5 M	SAMPLERS./SONDEURS: M.M L.M	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: 6 E	STATION: 2+12.5 N	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING-TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE: SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE: SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE: SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.2	ORGANIC	ORGANIC ORGANIQUE %
0.2	1.5	BOLDER	CLAY ARGILE %
1.5	3.5	FINE SAND	SILT SILTE %
3.5		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

2 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6083	DRILL No./No DU TROU: 6083	DATE: 6/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 2.3 M	SAMPLERS./ SONDEURS: MM L.M	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 6 E	STATION: 2+00N	LOCATION./ LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:	SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE:	SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE:	SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	2.0	BOLDER	CLAY ARGILE %
2.0	2.3	FINE SAND	SILT SILTE %
2.3		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

2 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6084	DRILL No./No DU TROU: 6084	DATE: 6/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 2.0	SAMPLERS./ SONDEURS: MM L.M	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 6 E	STATION: 1+89.5 N	LOCATION./ LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:	SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE:	SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE:	SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	1.8	BOLDER	CLAY ARGILE %
1.8	2.0	FINE SAND	SILT SILTE %
2.0		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

1 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6085	DRILL No./No DU TROU: 6085	DATE: 7/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 1.2 M	SAMPLERS./SONDEURS: N.M. LM.	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: 6 E	STATION: 1+75 N	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.2	ORGANIC	ORGANIC ORGANIQUE %
0.2	1.0	BOLDER	CLAY ARGILE %
1.0	1.2	FINE SAND	SILT SILTE %
1.2		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

3 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6086	DRILL No./No DU TROU: 6086	DATE: 7/6/85
SAMPLE DEPTH./PROF.D'ÉCHANT: 5.3 M	SAMPLERS./SONDEURS: N.M. LM.	CONTRACT./CONTRAT: LAC MINERALS
LINE./LIGNE: 6 M	STATION: 1+50 N	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	4.0	BOLDER	CLAY ARGILE %
4.0	5.0	FINE SAND	SILT SILTE %
5.0	5.3	BASAL TILL	FINE SAND SABLE FIN %
5.3		BEDROCK	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

2 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6087</i>	DRILL No./No DU TROU: <i>6087</i>	DATE: <i>7/6/85</i>
SAMPLE DEPTH./PROF.D'ÉCHANT: <i>3.2 M</i>	SAMPLERS./SONDEURS: <i>MM LM</i>	CONTRACT./CONTRAT: <i>LAC MINERALS</i>
LINE./LIGNE: <i>6E</i>	STATION: <i>0+75 N</i>	LOCATION./LOCALITÉ: <i>LANGMUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
<i>0</i>	<i>0.4</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>4.0</i>	<i>2.8</i>	<i>BOLDER</i>	CLAY ARGILE %
<i>2.8</i>	<i>3.2</i>	<i>FINE SAND</i>	SILT SILTE %
<i>3.2</i>		<i>BED ROCK</i>	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6088</i>	DRILL No./No DU TROU: <i>6088</i>	DATE: <i>7/6/85</i>
SAMPLE DEPTH./PROF.D'ÉCHANT: <i>5.7 M</i>	SAMPLERS./SONDEURS: <i>MM LM</i>	CONTRACT./CONTRAT: <i>LAC MINERALS</i>
LINE./LIGNE: <i>6E</i>	STATION: <i>0+50 N</i>	LOCATION./LOCALITÉ: <i>LANGMUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
<i>0</i>	<i>0.3</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE %
<i>0.3</i>	<i>4.0</i>	<i>BOLDER</i>	CLAY ARGILE %
<i>4.0</i>	<i>5.3</i>	<i>FINE SAND</i>	SILT SILTE %
<i>5.3</i>	<i>5.7</i>	<i>BASAL TILL</i>	FINE SAND SABLE FIN %
<i>5.7</i>		<i>BED ROCK</i>	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

1 TRY



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6089	DRILL No./No DU TROU: 6089	DATE: 7/6/95
SAMPLE DEPTH./PROF.D'ÉCHANT: 4.5 M	SAMPLERS./ SONDEURS: M.M. L.M.	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 6 E	STATION: 0+25-N	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE: SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE: SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE: SAMPLER EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.3	ORGANIC	ORGANIC ORGANIQUE %
0.3	4.0	FINE SAND	CLAY ARGILE %
4.0	4.5	BOLDER	SILT SILTE %
4.5		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6090	DRILL No./No DU TROU: 6090	DATE:
SAMPLE DEPTH./PROF.D'ÉCHANT: 7.4 M	SAMPLERS./ SONDEURS: M.M. L.M.	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 6 E	STATION: B.L.	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE: SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE: SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE: SAMPLER EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.4	ORGANIC	ORGANIC ORGANIQUE %
0.4	1.0	CLAY	CLAY ARGILE %
1.0	4.0	MEDIUM SAND	SILT SILTE %
4.0	7.4	FINE SAND	FINE SAND SABLE FIN %
7.4		BEDROCK	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6091	DRILL No./No DU TROU: 6091	DATE:
SAMPLE DEPTH./PROF.D'ÉCHANT: 6.5 M	SAMPLERS./ SONDEURS: MM	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 6E	STATION: 0+12 S	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:	SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE:	SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE:	SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	1.0	ORGANIC	ORGANIC ORGANIQUE %
1.0	2.0	CLAY	CLAY ARGILE %
2.0	6.0	FINE SAND	SILT SILTE %
6.0	6.5	BASAL TILL	FINE SAND SABLE FIN %
6.5		BEOROCK	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6092	DRILL No./No DU TROU: 6092	DATE:
SAMPLE DEPTH./PROF.D'ÉCHANT: 6.3 M	SAMPLERS./ SONDEURS: MM	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 6E	STATION: 0+25 S	LOCATION./LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:	SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE:	SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE:	SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO À		
0	0.5	ORGANIC	ORGANIC ORGANIQUE %
0.5	1.5	CLAY	CLAY ARGILE %
1.5	6.0	FINE SAND	SILT SILTE %
6.0	6.3	BASAL TILL	FINE SAND SABLE FIN %
6.3		BEOROCK	MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6093	DRILL No./No DU TROU: 6093	DATE:
SAMPLE DEPTH./ PROF.D'ÉCHANT: 5.3 M	SAMPLERS./ SONDEURS: MM	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 6E	STATION: 0737 S	LOCATION./ LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.3	CLAY	ORGANIC ORGANIQUE %
0.3	5.0	BOLDER	CLAY ARGILE %
5.0	5.3	BASAL FILL	SILT SILTE %
5.3		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: 5MS 6094	DRILL No./No DU TROU: 6094	DATE:
SAMPLE DEPTH./ PROF.D'ÉCHANT: 6.2 M	SAMPLERS./ SONDEURS: MM	CONTRACT./ CONTRAT: LAC MINERALS
LINE./ LIGNE: 6E	STATION: 0750 S	LOCATION./ LOCALITÉ: LANGMUIR W

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED:
DÉBUT DE POINTE:

SAMPLER STARTED:
DÉBUT D'ÉCHANTILLON:

POINT STOPPED:
ARRÊT DE POINTE:

SAMPLER STOPPED:
ARRÊT D'ÉCHANTILLON:

POINT EXTRACTED:
EXTRACTION DE POINTE:

SAMPLE EXTRACTED:
EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON
FROM DE	TO A		
0	0.6	CLAY	ORGANIC ORGANIQUE %
0.6	3.0	BOLDER	CLAY ARGILE %
3.0	6.2	BASAL FILL	SILT SILTE %
6.2		BEDROCK	FINE SAND SABLE FIN %
			MEDIUM SAND SABLE MED. %
			COARSE SAND SABLE GROS %
			GRAVEL GRAVIER %
			PEBBLES CAILLOUX %

REMARKS:
REMARQUES:

2 TRYS



R. Cormier & Associés Ltée
Associates Ltd.

2050, Thibault,
Bécancour, Qué.
Canada, G0X 1B0
Tél. - (819) 294-9939

OVERBURDEN DRILLING LOG
JOURNAL DE FORAGE MORT TERRAIN

SAMPLE No./No D'ÉCHANTILLON: <i>5MS 6095</i>	DRILL No./No DUTROU: <i>6095</i>	DATE:
SAMPLE DEPTH./PROF.D'ÉCHANT: <i>5.4M</i>	SAMPLERS./SONDEURS: <i>MM</i>	CONTRACT./CONTRAT: <i>LAC MINERALS</i>
LINE./LIGNE: <i>6E</i>	STATION: <i>0+75 S</i>	LOCATION./LOCALITÉ: <i>LANGENUIR W</i>

DRILLING TIME - FEUILLE DE TEMPS

POINT STARTED: DÉBUT DE POINTE:	SAMPLER STARTED: DÉBUT D'ÉCHANTILLON:
POINT STOPPED: ARRÊT DE POINTE:	SAMPLER STOPPED: ARRÊT D'ÉCHANTILLON:
POINT EXTRACTED: EXTRACTION DE POINTE:	SAMPLE EXTRACTED: EXTRACTION D'ÉCHANTILLON:

FOOTAGE PROFONDEUR		OVERBURDEN DESCRIPTION DESCRIPTION DU MORT TERRAIN	SAMPLE DESCRIPTION ÉCHANTILLON	
FROM DE	TO À			
<i>0</i>	<i>0.4</i>	<i>ORGANIC</i>	ORGANIC ORGANIQUE	%
<i>0.4</i>	<i>4.0</i>	<i>FINE SAND</i>	CLAY ARGILE	%
<i>4.0</i>	<i>5.4</i>	<i>MEDIUM SAND</i>	SILT SILTE	%
<i>5.4</i>		<i>BEDROCK</i>	FINE SAND SABLE FIN	%
			MEDIUM SAND SABLE MED.	%
			COARSE SAND SABLE GROS	%
			GRAVEL GRAVIER	%
			PEBBLES CAILLOUX	%

REMARKS:
REMARQUES:

APPENDIX II

Mineral Identifications of the
Heavy Mineral Separates of
the -5 to +250 Size Fraction

Methylene Iodide Heavies

MINERAL	SAMPLE NUMBERS				
	SMS-6051	SMS-6052	SMS-6053	SMS-6054	SMS-6055
AMPHIBOLE	30	20	20	20	20
ANATASE					
ANDALUSITE					
APATITE	Tc-1	Tc	Tc	Tc-1	Tc
ARSENOPYRITE					
BARITE					
BIOTITE	Tc	Tc	Tc		
CARBONATE			Tc		
CHALCOPYRITE	Tc ?				
CHLORITE				Tc	
CHROMITE		Tc			
CASSITERITE					
DOLOMITE					
EPIDOTE	14	15	20	17	20
FLUORITE	Tc ?				
GARNET Pink	10	10	10	12	12
GARNET Red	Tc	5	1	2	3
GARNET P					
GARNET Y	Tc				
GARNET O	2	Tc	Tc	Tc	Tc
GOE-LIM		Tc	Tc	Tc	Tc
GOLD					
HEMATITE	Tc R	Tc R	Tc R	Tc R	
ILMENITE	1	1	1	1	1
KYANITE				Tc	Tc ?
LEUCOXENE	Tc	Tc	Tc	Tc	Tc
MAGNETITE	16 *1 fine grains	16 fgs	18 ³ nearly fgs	10 + 8. Pen aggs	9 + ag.
MONAZITE					
MUSCOVITE					
OLIVINE					
PYRITE	2	2	1	3	Tc
PYROXENE	25 *2	31	29 *2	35 *2	35
PYRRHOTITE					
QUARTZ	Tc-1	Tc	Tc		
RUTILE					
SCHEELITE					
SERICITE					Tc
SERPENTINITE					
SILLIMANITE					
SPHENE	Tc 2	Tc	Tc	Tc	Tc
SPINEL					
TOURMALINE		Tc		Tc	Tc
TOPAZ					
ZIRCON	Tc	Tc	Tc	Tc	Tc

REMARKS:

- *1: Tc flakey oxidized oxidized mag; one mag-am aggregate
 - *2: Tc large apple green
 - *3: some flag of siliceified volcanic?
- 6054 } very fine grained sample
6055 }

Methylene Iodide Heavies

MINERAL	SAMPLE NUMBERS				
	SMS-6056	SMS-6057	SMS-6058	SMS-6059	SMS-6060
AMPHIBOLE	20	20	20	20	18
ANATASE					
ANDALUSITE					
APATITE	Tc	Tc	Tc	Tc	Tc
ARSENOPYRITE					
BARITE					
BIOTITE					
CARBONATE		Tc			
CHALCOPYRITE					
CHLORITE			Tc?		Tc
CHROMITE					
CASSITERITE					
DOLOMITE					
EPIDOTE	15	20	20	20	13
FLUORITE					
GARNET Pink	15	15	15	15	11
GARNET Red	2	1	1	1	Tc
GARNET P					
GARNET Y	Tc		Tc		
GARNET O	Tc	Tc		Tc	Tc
GOE-LIM	Tc	Tc	Tc	Tc	Tc
GOLD					
HEMATITE		TcR	Tc ^{S+R}	TcR	
ILMENITE	1	1	Tc-1	Tc *3	Tc
KYANITE		Tc			
LEUCOXENE	Tc	Tc	Tc		
MAGNETITE	17 fgr.	17 fgr.	17 * ² / ₃ fgr.	17 fgr.	31 *4
MONAZITE					
MUSCOVITE					
OLIVINE					
PYRITE	22 1	Tc coarse	Tc	Tc	Tc-1
PYROXENE	30 29	26 *1	27 *1	27 *1	27 *1
PYRRHOTITE					
QUARTZ	Tc				
RUTILE					
SCHEELITE					
SERICITE					Tc
SERPENTINITE					
SILLIMANITE					
SPHENE	Tc	Tc	Tc	Tc	Tc
SPINEL					
TOURMALINE	Tc	Tc			
TOPAZ					
ZIRCON	Tc	Tc ⁺	Tc	Tc	Tc

REMARKS:

- *1: few apple green, angular
- *2: some feldspar aggregates
- 6058: Tc tramp metal, brass? - removed from sample
- *3: few euhedral, shiny
- 6060: one 0.5cm ϕ piece of gabbro
- *4: mainly fine grained some coarse euhedral crystals

Methylene Iodide Heavies

MINERAL	SAMPLE NUMBERS				
	SMS-6061	SMS-6062	SMS-6063	SMS-6064	SMS-6065
AMPHIBOLE	17	18	20	18	15
ANATASE					
ANDALUSITE					
APATITE	Tc ²	Tc ⁻	Tc ⁻	Tc ⁻	Tc ⁻
ARSENOPYRITE					
BARITE					
BIOTITE	Tc ^{*1}	Tc ^{*1}	Tc ^{*1}	Tc	Tc
CARBONATE					
CHALCOPYRITE					
CHLORITE	Tc?	Tc?	Tc	Tc	
CHROMITE			Tc?	Tc	
CASSITERITE					
DOLOMITE					
EPIDOTE	21	19	18	18	15
FLUORITE					
GARNET Pink	15	15	15	15	12
GARNET Red	5	3	3	3	1
GARNET P					
GARNET Y	Tc	Tc	Tc		
GARNET O	Tc	Tc	Tc	Tc	Tc
GOE-LIM		Tc	Tc	Tc	Tc
GOLD					
HEMATITE		Tc ^R	Tc ^S		Tc ^R
ILMENITE	Tc	1	1	1	1
KYANITE				Tc? very small	
LEUCOXENE		Tc	Tc	Tc	Tc
MAGNETITE	17 some places mainly f.g.	19 f.g.	16 f.g.	18 f.g.	22 f.g.
MONAZITE					
MUSCOVITE					
OLIVINE					
PYRITE	Tc	Tc coarse	Tc	Tc	1
PYROXENE	25	25	27	27	33
PYRRHOTITE					
QUARTZ					
RUTILE					
SCHEELITE					
SERICITE					
SERPENTINITE					
SILLIMANITE					
SPHENE	Tc	Tc	Tc	Tc	Tc
SPINEL					
TOURMALINE	Tc?	Tc		Tc	Tc
TOPAZ					
ZIRCON	Tc	Tc	Tc	Tc	Tc

REMARKS:

*1: more than one or two grains; large flakes

Methylene Iodide Heavies

MINERAL	SAMPLE NUMBERS				
	SMS-6066	SMS-6067	SMS-6068	SMS-6069	SMS-6070
AMPHIBOLE	20	17	12	20	18
ANATASE					
ANDALUSITE					
APATITE	Tc	Tc-	Tc-	Tc-	Tc-
ARSENOPYRITE					
BARITE					
BIOTITE	Tc				
CARBONATE					
CHALCOPYRITE					
CHLORITE			Tc	Tc?	
CHROMITE					
CASSITERITE					
DOLOMITE					
EPIDOTE	15	15	18	20	18
FLUORITE					
GARNET Pink	10	10	13	15	10
GARNET Red	5	3	1	2 mag	5
GARNET P					
GARNET Y	Tc	Tc		Tc	
GARNET O	Tc-1	Tc	Tc	Tc	Tc
GOE-LIM	Tc				
GOLD					
HEMATITE	Tc ^R	Tc ^{R+S}	Tc ^R	Tc ^S	Tc ^{S+R}
ILMENITE	Tc	Tc-1	Tc	Tc	Tc-1
KYANITE			Tc		Tc?
LEUCOXENE	Tc	Tc			
MAGNETITE	15 fgs	17 mainly fgs some mag	26 some aggs mainly fgs	23 some aggs mainly fgs	18 #2
MONAZITE					
MUSCOVITE					
OLIVINE					
PYRITE	Tc	Tc	Tc	Tc	1
PYROXENE	35	38 #1	30	20	30
PYRRHOTITE					
QUARTZ					
RUTILE					
SCHEELITE					
SERICITE			Tc		
SERPENTINITE					
SILLIMANITE					
SPHENE	Tc	Tc	Tc	Tc	Tc
SPINEL					
TOURMALINE		Tc			Tc
TOPAZ					
ZIRCON	Tc	Tc	Tc	Tc	Tc

REMARKS:

*1 some apple green

6069: small sample, but probably till

*2 mainly fgs - some fragments of volcanics w. py.

Methylene Iodide Heavies

MINERAL	SAMPLE NUMBERS				
	SMS-6071	SMS-6072	SMS-6073	SMS-6074	SMS-6075
AMPHIBOLE	18	25	20	15	22
ANATASE					
ANDALUSITE					
APATITE	Tc	Tc	Tc	Tc	
ARSENOPYRITE					
BARITE				Tc	
BIOTITE					
CARBONATE					
CHALCOPYRITE					
CHLORITE					
CHROMITE		Tc			
CASSITERITE					
DOLOMITE					
EPIDOTE	15	15	15	12	10
FLUORITE					
GARNET Pink	15	8	10	11	10
GARNET Red	2	2	1	2	1
GARNET P					
GARNET Y	Tc	Tc			Tc
GARNET O		Tc	Tc	Tc	
GOE-LIM	Tc	Tc		Tc	Tc
GOLD					
HEMATITE		TcR		TcR+S	
ILMENITE	1	Tc	Tc	Tc	Tc
KYANITE		Tc			
LEUCOXENE	Tc	Tc			Tc
MAGNETITE	29 mainly fgs	10 fgs	19 *2	20 variable	21 fine gr.
MONAZITE					
MUSCOVITE					
OLIVINE					
PYRITE	Tc	Tc	Tc-1	Tc *3	Tc
PYROXENE	20 *1	40	35	40	36
PYRRHOTITE					
QUARTZ					
RUTILE					
SCHEELITE					
SERICITE					
SERPENTINITE					
SILLIMANITE					
SPHENE	Tc	Tc	Tc	Tc	Tc
SPINEL					
TOURMALINE		Tc			
TOPAZ					
ZIRCON	Tc	Tc	Tc	Tc	Tc

REMARKS:

6071: small fine grained sample - till?

*1 has some apple green

*2 mainly very fine grained, some silicified aggregates

6073: small fine grained sample.

*3 one rounded fgs. mass

6075: small sample, some volcanic fragments

Methylene Iodide Heavies

MINERAL	SAMPLE NUMBERS					
	SMS-6076	SMS-6077	SMS-6078	SMS-6079	SMS-6080	
AMPHIBOLE	20	20	20		22	
ANATASE						
ANDALUSITE						
APATITE	Tc	Tc?	Tc	OUTCROP	Tc	
ARSENOPYRITE						
BARITE						
BIOTITE						Tc?
CARBONATE						
CHALCOPYRITE						
CHLORITE						
CHROMITE		Tc?				
CASSITERITE						
DOLOMITE						
EPIDOTE	10	15	20		10	
FLUORITE						
GARNET Pink	15	15	20	NO	5	
GARNET Red	2	2	3			2
GARNET P			? #1			
GARNET Y	Tc	Tc	Tc	SAMPLE		
GARNET O	Tc	Tc	Tc-1			Tc-1
GOE-LIM	Tc	Tc	Tc			Tc
GOLD						
HEMATITE	Tc ^{ROS}	Tc ^{R+S}	Tc ^{S+R}			
ILMENITE	Tc	Tc	Tc			Tc
KYANITE			Tc			
LEUCOXENE						
MAGNETITE	18 f-medgr	21 f-pyromag	17 f-gr			26 #2
MONAZITE						
MUSCOVITE					Tc greenish	
OLIVINE						
PYRITE	Tc	Tc v. few grains				
PYROXENE	35	27	20		15	
PYRRHOTITE						
QUARTZ						
RUTILE						
SCHEELITE						
SERICITE						
SERPENTINITE						
SILLIMANITE						
SPHENE	Tc	Tc	Tc		Tc	
SPINEL						
TOURMALINE		Tc	Tc		Tc	
TOPAZ						
ZIRCON	Tc	Tc	Tc		Tc	

REMARKS:

- *1: purple mineral attached to magnetite grain; RI ≈ 1.74, diam 0.5mm
- *2: 50% aggregated w. pyroxene + amphibole + feldspar
- 6080: probably drilled into bedrock or boulder...

10% coarse aggregate - amphi + feld

Methylene Iodide Heavies

MINERAL	SAMPLE NUMBERS				
	SMS-6081	SMS-6082	SMS-6083	SMS-6084	SMS-6085
AMPHIBOLE	15	15	24	20	23
ANATASE					
ANDALUSITE					
APATITE	Tc ⁻	Tc ⁻	Tc ⁻	Tc ²⁺	-
ARSENOPYRITE					
BARITE					
BIOTITE		Tc			
CARBONATE			Tc		
CHALCOPYRITE					
CHLORITE					
CHROMITE					
CASSITERITE					
DOLOMITE					
EPIDOTE	20	20	20	15	17
FLUORITE					
GARNET Pink	19	17	12	12	8
GARNET Red	2	1	1	2	3
GARNET P					
GARNET Y	Tc	Tc	Tc	Tc	Tc
GARNET O	Tc-1	D Tc-1	Tc	Tc	Tc-1
GOE-LIM		Tc	Tc	Tc	Tc
GOLD					
HEMATITE	Tc S & R		Tc S	Tc S	Tc R
ILMENITE	Tc	Tc	Tc	Tc	Tc ⁺
KYANITE		Tc			Tc
LEUCOXENE	Tc	Tc		Tc	
MAGNETITE	19 + qz	21 + qz	18 fgy, some cov.	28 #2	19 #3
MONAZITE					
MUSCOVITE					
OLIVINE					
PYRITE		Tc	Tc	Tc	Tc
PYROXENE	25	26 *1	25	23	30 *1
PYRRHOTITE					
QUARTZ					
RUTILE					
SCHEELITE					
SERICITE					
SERPENTINITE					
SILLIMANITE					
SPHENE	Tc	Tc	Tc	Tc	Tc
SPINEL					
TOURMALINE	Tc				
TOPAZ					
ZIRCON	Tc	Tc	Tc	Tc	Tc

REMARKS:

- *1: some apple green
- *2: mainly fine grained; some aggr w. amphibole; one large limonite cemented chunk.
- *3: mainly f-med grained, some platy material, some aggr w. amphibole
Tc one piece tramp metal

Methylene Iodide Heavies

MINERAL	SAMPLE NUMBERS				
	SMS-6086	SMS-6087	SMS-6088	SMS-6089	SMS-
AMPHIBOLE	20	15	15	25	
ANATASE					
ANDALUSITE					
APATITE	Tc ²	Tc ²	Tc ²	Tc ²	
ARSENOPYRITE					
BARITE					
BIOTITE		Tc	Tc		
CARBONATE		Tc aggr.			
CHALCOPYRITE					
CHLORITE					
CHROMITE					
CASSITERITE					
DOLOMITE					
EPIDOTE	15	15	17	15	
FLUORITE					
GARNET Pink	15	10	16	15	
GARNET Red	2	3	3	2	
GARNET P					
GARNET Y	Tc		Tc		
GARNET O	Tc	Tc	Tc	Tc	
GOE-LIM		Tc	Tc		
GOLD					
HEMATITE		Tc ^R	Tc ^R		
ILMENITE	Tc	Tc	Tc-1	Tc	
KYANITE	Tc.				
LEUCOXENE	Tc		Tc		
MAGNETITE	17 *1	22 fgn.	17 *2	8 fine gr.	
MONAZITE					
MUSCOVITE			Tc? greenish		
OLIVINE					
PYRITE	Tc-1		2 mainly coarse Tc-1		
PYROXENE	31	35	30	35 *3	
PYRRHOTITE					
QUARTZ					
RUTILE					
SCHEELITE					
SERICITE			Tc		
SERPENTINITE					
SILLIMANITE					
SPHENE	Tc	Tc	Tc	Tc	
SPINEL					
TOURMALINE	Tc				
TOPAZ					
ZIRCON	Tc	Tc	Tc	Tc	

REMARKS:

*1: mainly fine grained; some (silicified?) volcanic? fragments

6087: small very fine grained sample - till?

*2: mainly medium grained; some plates, some aggr. w. amphibole, pyrite

6089: small very fine grained sample - till?

*3: some apple green

Methylene Iodide Heavies

MINERAL	SAMPLE NUMBERS				
	SMS-6090	SMS-6091	SMS-6092	SMS-6093	Sms-6094
AMPHIBOLE	20	23	23	30	25
ANATASE					
ANDALUSITE					
APATITE	Tc ²	Tc ²	Tc ⁻	Tc ⁻	Tc
ARSENOPYRITE					
BARITE					
BIOTITE	Tc	Tc-1	Tc	Tc	Tc
CARBONATE				Tc	
CHALCOPYRITE			2 aggr.		
CHLORITE	Tc		Tc aggr.	Tc	
CHROMITE					
CASSITERITE					
DOLOMITE					
EPIDOTE	17	15	15	20	19
FLUORITE					
GARNET Pink	15	10	10	10	15
GARNET Red	5	5	5	10	5
GARNET P					
GARNET Y			Tc	Tc	Tc
GARNET O	Tc	Tc	Tc-1	Tc-1	Tc
GOE-LIM	Tc	Tc	Tc	Tc	Tc
GOLD					
HEMATITE		Tc ^R	Tc ^R	Tc ^R	Tc ^R
ILMENITE	Tc	Tc	Tc *3	Tc *3	Tc *3
KYANITE				Tc	Tc
LEUCOXENE		Tc		Tc	
MAGNETITE	16 f.m. gr.	15 f. gr.	17 f. gr. *2	4 f. gr.	16 f. gr. *5
MONAZITE					
MUSCOVITE	1				
OLIVINE					
PYRITE	Tc *1	Tc *1	Tc	1 *4	Tc *1
PYROXENE	27	32	30	25	20
PYRRHOTITE					
QUARTZ					
RUTILE					
SCHEELITE					
SERICITE					
SERPENTINITE					
SILLIMANITE					
SPHENE	Tc	Tc	Tc	Tc	Tc
SPINEL					
TOURMALINE				Tc	
TOPAZ					
ZIRCON	Tc	Tc	Tc	Tc	Tc

REMARKS:

*1: one round, spherical grain as well as other shards
6091: some fragments of silicified, sheared porphyritic rock, some containing fine py
*2: some aggr. w. quartz
*3: some shiny, conchoidal
*4: some rounded, "worn" looking masses of pyrite; also some very large pieces
*5: one large aggr mag - gtz - amphibole

Methylene Iodide Heavies

MINERAL	SAMPLE NUMBERS	
	SMS-6095	
AMPHIBOLE	22	
ANATASE		
ANDALUSITE		
APATITE	Tc	
ARSENOPYRITE		
BARITE		
BIOTITE	Tc	
CARBONATE	Tc	
CHALCOPYRITE		
CHLORITE		
CHROMITE		
CASSITERITE		
DOLOMITE		
EPIDOTE	17	
FLUORITE		
GARNET Pink	13	
GARNET Red	5	
GARNET P		
GARNET Y	Tc	
GARNET O	Tc	
GOE-LIM	Tc	
GOLD		
HEMATITE		
ILMENITE	Tc	
KYANITE	Tc	
LEUCOXENE		
MAGNETITE	13 + 9	
MONAZITE		
MUSCOVITE		
OLIVINE		
PYRITE	Tc	
PYROXENE	30	
PYRRHOTITE		
QUARTZ		
RUTILE		
SCHEELITE		
SERICITE		
SERPENTINITE		
SILLIMANITE		
SPHENE	Tc	T
SPINEL		
TOURMALINE	Tc	
TOPAZ		
ZIRCON	Tc	T
<u>REMARKS:</u>		
*1: some mag-py aggr.		
*2: one very large		
*3: malachite green coating		
*4: some shiny, conchoidal		
6095: two fragments of andesite		
*5: some apple green		

APPENDIX III

Geophysical-Geological-Geochemical
Technical Data Statement

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations 45 Number of Readings 45
Station interval 12.5 and 25 meters Line spacing variable
Profile scale _____
Contour interval _____

MAGNETIC

Instrument _____
Accuracy – Scale constant _____
Diurnal correction method _____
Base Station check-in interval (hours) _____
Base Station location and value _____

ELECTROMAGNETIC

Instrument _____
Coil configuration _____
Coil separation _____
Accuracy _____
Method: Fixed transmitter Shoot back In line Parallel line
Frequency _____
(specify V.L.F. station)
Parameters measured _____

GRAVITY

Instrument _____
Scale constant _____
Corrections made _____

Base station value and location _____

Elevation accuracy _____

INDUCED POLARIZATION
RESISTIVITY

Instrument _____
Method Time Domain Frequency Domain
Parameters – On time _____ Frequency _____
– Off time _____ Range _____
– Delay time _____
– Integration time _____
Power _____
Electrode array _____
Electrode spacing _____
Type of electrode _____

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____
(type, depth - include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey Basal Till Sampling

Instrument Pionjar Drill

Accuracy _____

Parameters measured Depth and type of overburden, minerology and lithology
of recovered grains/clasts

Additional information (for understanding results) One overburden sample is recovered
for each hole from immediately above the overburden-bedrock contact.

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____
(specify for each type of survey)

Accuracy _____
(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent
 p. p. m.
 p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____



Mi

42A06SE1950 2.8490 LANGMUIR

900

7257/85

Type of Survey: **PIONJAR OVERBURDEN DRILLING** Township or Area: **LANGMUIR & FALLON TWP.**
 Claim Holder(s): **DAVID J. MEUNIER** Prospector's License No.: **M-17157**
 Address: **P.O. BOX 1624, 403 DOME STREET, SOUTH PORCUPINE, ONTARIO**
 Survey Company: **R.C. CORMIER and ASSOCIATES** Date of Survey (from & to): **29 05 85 07 06 85** Total Miles of line Cut:
 Name and Address of Author of Geo-Technical report: **BRIAN H. MADILL, P.O. BOX 833, KIRKLAND LAKE, ONTARIO, P2N 3K4**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Mark Days	Geophysical	Days per Claim
Complete reverse side and enter totals	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic	
	- Magnetometer	
	- Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
P	758882	20			
	779600	20			
	825716	15			
	826278	60			
	826279	60			
	826282	60			
	826416	60			
	831635	60			

RECEIVED
AUG 12 1985

RECEIVED
AUG 30 1985
MINING LANDS SECTION

RECORDED
AUG 12 1985

Expenditures (excludes power stripping)

Type of Work Performed **sect 77-19 PIONJAR OVERBURDEN DRILLING**

Performed on Claim(s)
**P 758882 ; P 758883 ; P 758886 ;
 P 758887 ; P 825716**

Calculation of Expenditure Days Credits

Total Expenditures **\$ 5331.00** ÷ Total Days Credits **15** = **355**

Instructions
 Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date **Aug 9/85** Record Holder or Agent Signature **Brian H. Madill**

For Office Use Only
 Total Days Cr. Recorded **355** Date Recorded **Aug 12/85**
 Date Approved as Recorded **See Reversed Statement** Branch Director Signature **[Signature]**

Certification Verifying Report of Work
 I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
**BRIAN H. MADILL, P.O. BOX 833
 KIRKLAND LAKE, ONTARIO, P2N 3K4**
 Date Certified **Aug 9/85** Certified by (Signature) **Brian H. Madill**



3072

LITHIO IN CANADA

August 12th 1985

42010

Received from Lac Minerals Ltd

Five thousand three hundred & thirty-one^{xx}/₁₀₀ Dollars
for pioneer overburden drilling on claims in
Langmuir Twp May 29/85 to June 8/85.

\$ 5,331^{xx}/₁₀₀ Rock Bernier

Mining Lands Section

File No 28490

Control Sheet

TYPE OF SURVEY GEOPHYSICAL

GEOLOGICAL

GEOCHEMICAL

EXPENDITURE

MINING LANDS COMMENTS:

lga
T.S.

Susan Hurst
Signature of Assessor

Oct 4/85
Date



Recorded Holder

DAVID J. MEUNIER

Township or Area

LANGMUIR & FALLOW TOWNSHIPS

Type of survey and number of
Assessment days credit per claim

Mining Claims Assessed

Geophysical

Electromagnetic _____ days

Magnetometer _____ days

Radiometric _____ days

Induced polarization _____ days

Other _____ days

Section 77 (19) See "Mining Claims Assessed" column

Geological _____ days

Geochemical _____ days

Man days

Airborne

Special provision

Ground

Credits have been reduced because of partial coverage of claims.

Credits have been reduced because of corrections to work dates and figures of applicant.

\$5331.00 SPENT ON OVERBURDEN DRILLING AND ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:

P 758882-83-86-87
779600
780007

355 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980.

Special credits under section 77 (16) for the following mining claims

[Empty box for special credits]

No credits have been allowed for the following mining claims

not sufficiently covered by the survey

insufficient technical data filed

[Empty box for no credits allowed]

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

1985 10 25

Your File: 257/85
Our File: 2.8490

Mining Recorder
Ministry of Northern Affairs and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

RE: Assaying submitted under Section 77(19)
of the Mining Act RSO 1980, on Mining
Claims P 758882, et al, in Langmuir and
Fallow Townships

The enclosed statement of assessment work credits
for assaying expenditures has been approved as of
the above date.

Please inform the recorded holder of these mining
claims and so indicate on your records.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-4888

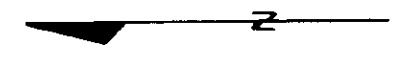
SH/mc

cc: David J. Meunier
P.O. Box 1624
403 Dome Street
South Porcupine, Ontario
PON 1H0

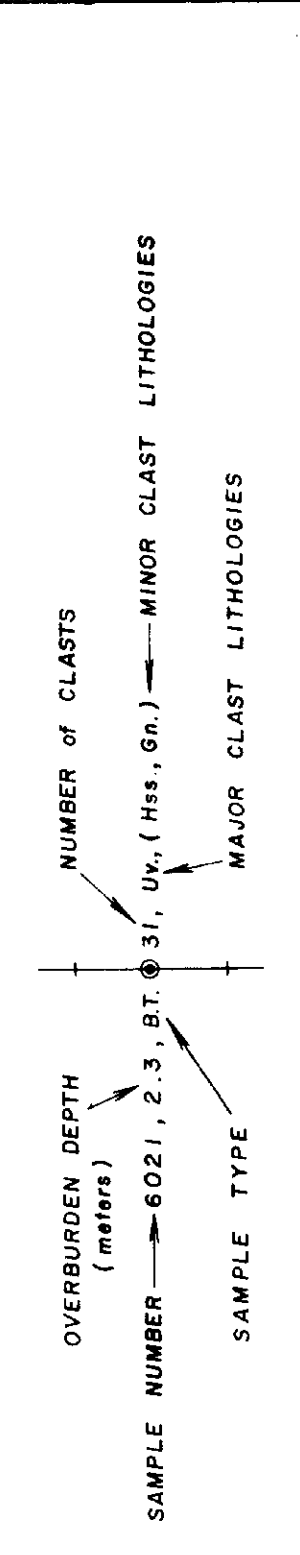
Brian H. Madill
P.O. Box 833
Kirkland Lake, Ontario
P2N 3K4

Resident Geologist
Timmins, Ontario

Encl.



LEGEND



SAMPLE TYPES

- B.T. BASAL TILL
- C.N. "C" HORIZON SOIL
- O/C OUTCROP
- S SAND/SILT
- G GRAVEL
- N.S. NO SAMPLE

CLAST LITHOLOGIES

- UV ULTRAMAFIC VOLCANIC FLOW
- M* MAFIC VOLCANIC FLOW
- I* INTERMEDIATE VOLCANIC FLOW
- II INTERMEDIATE VOLCANIC TUFF
- GR MONZONITE-QUARTZ MONZONITE (PORPHYRIC and NON-PORPHYRIC VARIETIES)
- DB DIABASE
- MS HUDONIAN SILTSTONE
- HSS HUDONIAN SANDSTONE (HESPERUS GREYWACKE)
- HC HUDONIAN CONGLOMERATE



LANGMUIR WEST GRID

28490

SCALE
DRAWN BY: B. H. MUELLER, JR., 8/21/85
ENGINEERING: B. H. MUELLER, JR.
PROFESSOR OF GEOL. ENGINEERING
DINWIDDIE
REMARKS
BASAL TILL, 15 MESH CLAST
LITHOLOGY IDENTIFICATIONS
10 0C 100 200 250 300 METERS
1:5000

