

42A04NW2003 2.18451 KENOGAMING

010

2.18451

OPAP FINAL SUBMISSION

KENOGAMING TOWNSHIP
PROPERTY

J SALO

JANUARY 1998

Qual.
1526
D.

OPAP 97-321

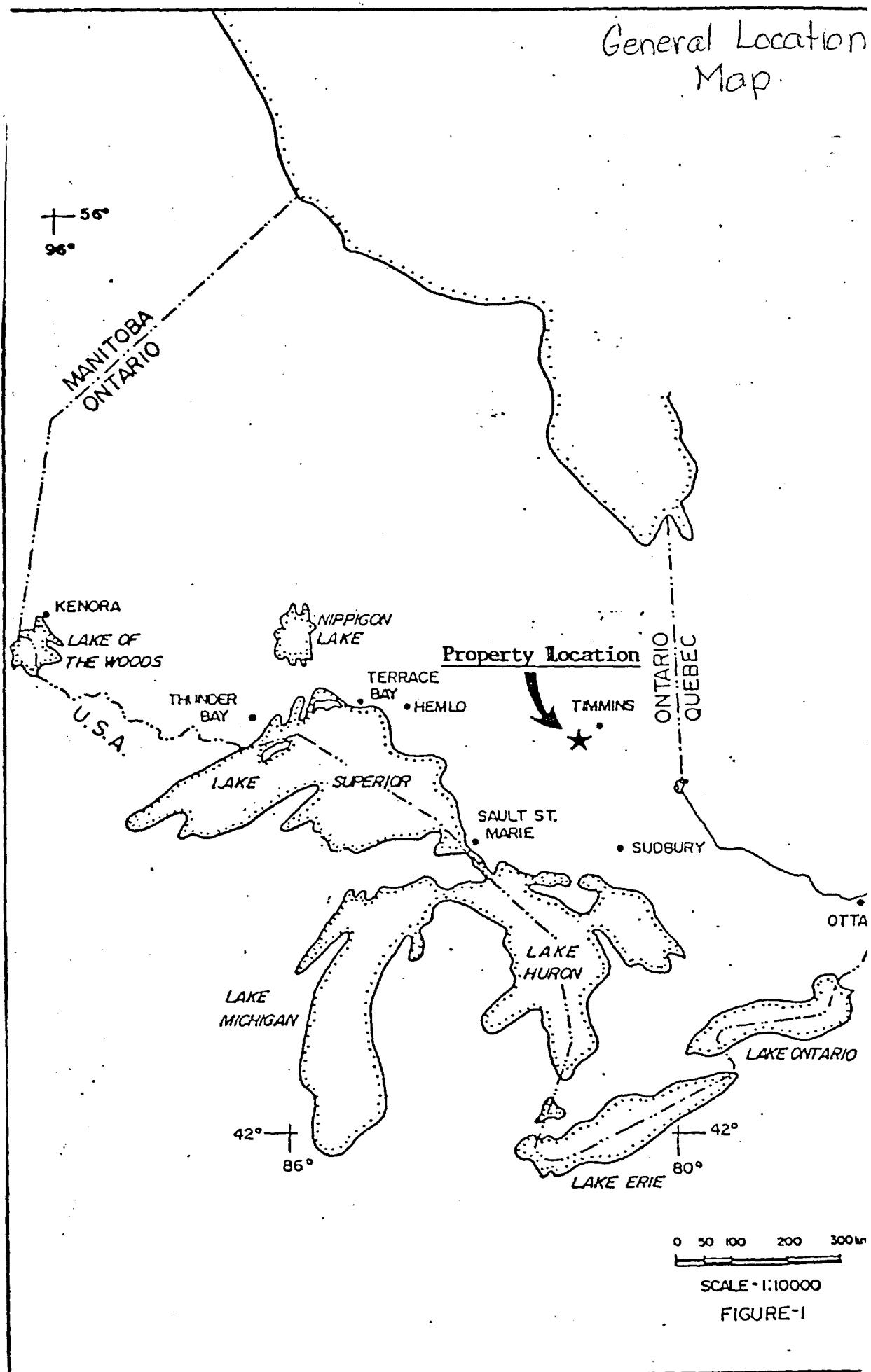
INDEX

1. General Location Map
2. Township Location Map
3. Location
4. Access
5. Access Map
6. Previous history
7. Regional Geology
8. Property Geology
9. Project
10. East Side of Akweska Lake
11. West Side of Akweska Lake
12. Magnetometer Survey
13. Drill Log
14. Drill Section
15. Assays
16. Daily Logs and Expenses
17. OPAP forms
18. Sample and Traverses Map



42A04NW2003 2.18451 KENOGAMING 010C

General Location
Map



SCALE - 1:10000

FIGURE-1

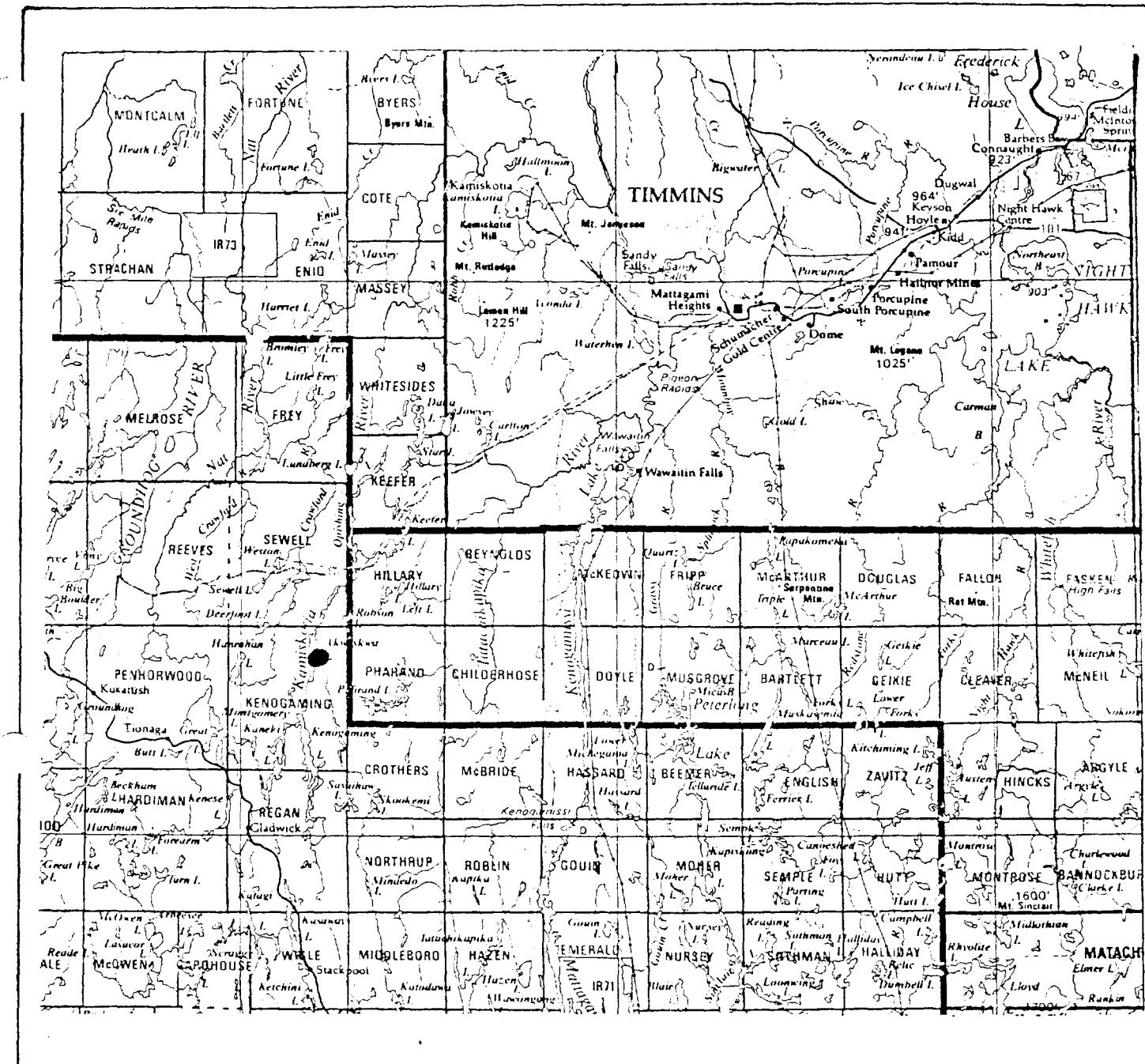


Fig. 2 - Township and Property Location Map

Kenogaming (●)

6 miles

LOCATION

The Kenogaming Township Property consists of 7 unpatented mining claims.

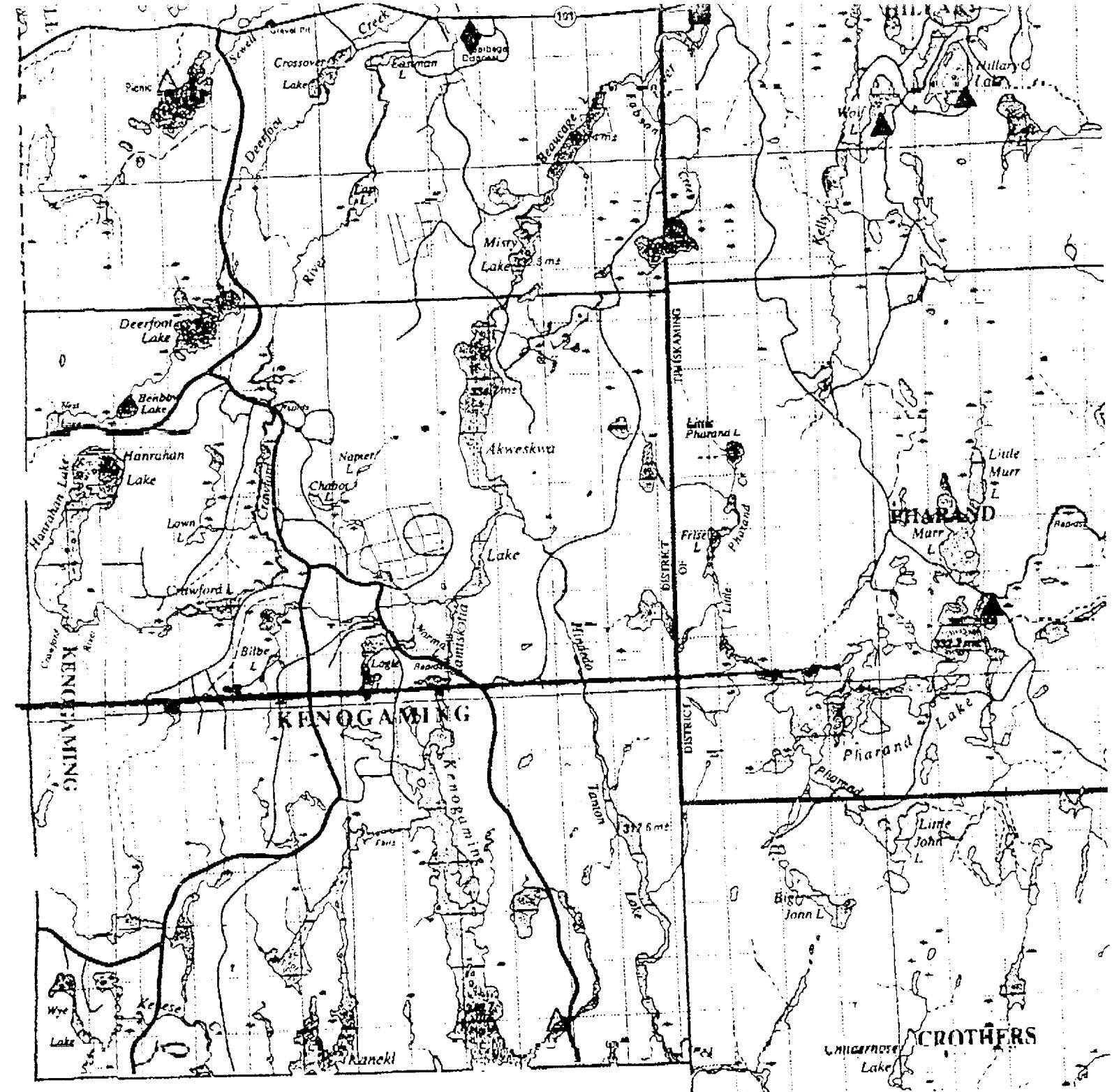
They are located in Kenogaming Township (claim map G-3239), MNR Administrative District of Timmins, Porcupine Mining Division and the jurisdiction of the Sudbury Lands Title Offices.

The longitude and latitude are 81 54', 48 11' and cover a large portion of Akeweskwa Lake.

Claim Number	Units
1203981	15
1217716	2
1219070	9
1219069	1
1182619	1
1219071	12
1182620	3

ACCESS

The Kenogaming Township Property is located in Kenogaming Township approximately 54 km south-west of Timmins. Access is via highway 101, 55 km west of Timmins past Opishing Lake to Kenogaming Road then 8 km south on the road. A series of secondary cottage roads and trails provide good weather access to the property. As claims are on Akweska Lake a float plane can also be used.



Road Access map from Porcupine Fish and Game road atlas

PREVIOUS HISTORY

Although several companies have worked in the Kenogaming Area, only one has actually performed work on the claim block. That being Texas Gulf Inc. in 1972. They put in place three drill holes (which may or may not be) on the property. The three holes totaled 369 feet of IEX drilling. They are located on old claim number P.327511, which is the northwesterly boundary of the property. No casings or signs of drilling have been found. The drill logs report disseminated pyrite, chalcopyrite and magnetite but do not report the assays.

The files in the Timmins resident geologists office show that files T-3398 (Falconbridge Ltd.), T-1533 (Texas Gulf Inc.), T-2726 (Morin Prop.) and T-527 (Norunda Mines Ltd.) have performed work around the claim blocks but not directly on them.

ODM Report 9997 "The Geology of the Kukatush-Sewell Lake Area, District of Sudbury" by V.G.Milne, details Kenogaming Township, but again very little on the property itself.

As part of an OPAP grant, Mr. E. Mord did a VLF-EM16 survey on the easterly part of the claims. In 1996 I performed line cutting and a magnetometer survey over the original 15 unit claim, with some grab sample assays.

REGIONAL GEOLOGY

The property lies within the eastern part of the Swayze Greenstone Belt, located in the Superior Province of the Canadian Shield. The Belt is of Archean age and forms a lenticular east-west trending Tectonic stratigraphic sequence composed predominantly of greenschist facies metavolcanics, subvolcanics and metasedimentary rocks with coeval ultramafic and felsic intrusions. The Belt is bounded to the north and south by Archean-gneissic and metasedimentary rocks.

An explanation of the General Geology of the Swayze Greenstone belt from OGS Report 297- Precambrian Geology 'Northern Swayze Greenstone Belt' by J.A.Ayer, is enclosed and explains the lithological units for the area.

General Geology

The northern Swayze greenstone belt (NSGB) is located within the western Abitibi Subprovince of the Superior Province. The Abitibi Subprovince is a Neoarchean granitoid-greenstone terrane that developed between 2.8 and 2.6 Ga (Jackson and Fyon 1991). The NSGB is bounded by the Kapuskasing Structural Zone to the west, the Nat River granitoid complex to the north, and the Kenogamissi batholith to the east. A narrow septum of metavolcanic and metasedimentary rocks wrapping around the northern margin of the Kenogamissi batholith provides continuity of the supracrustal rocks with those of the Abitibi greenstone belt to the east. Although largely separated from rocks of the Abitibi greenstone belt (AGB) by the Kenogamissi batholith, the 2 greenstone belts are considered to be roughly equivalent in age, based on the general similarity of lithological assemblage types and the limited U-Pb zircon ages determined to date in the Swayze greenstone belt (Jackson and Fyon 1991; Heather and van Breemen 1994).

With the exception of Proterozoic diabase dikes, all bedrock in the study area is Archean. The oldest rocks appear to be the paragneiss and amphibole gneiss units of the Kapuskasing Structural Zone, located west of the Ivanhoe Lake cataclastic zone. They are part of a sedimentary-volcanic succession that was intruded by the Shawmire anorthosite complex, which predates 2765 Ma (Percival and Krogh 1983). Both the Shawmire anorthosite and the gneissic units are intruded by grani-

toid gneiss. Rock units and structures generally trend northeast, and dip moderately to the northwest.

East of the Kapuskasing Structural Zone, the rocks of the Swayze greenstone belt and associated intrusions are younger in age, typical of the southern Abitibi Subprovince (Jackson and Fyon 1991). Within the supracrustal sequences, the rock units and structural features generally trend easterly with steep dips. Supracrustal rocks have been metamorphosed to greenschist facies, with the exception of areas in close proximity to the granitic intrusions which are of amphibolite facies. All the Archean rocks have been metamorphosed to some extent and for the sake of brevity, the prefix "meta" will be assumed in the rock nomenclature used throughout this report.

The chronological order and stratigraphy of the area is as yet poorly understood, as there are only precise isotopic age determinations on a few of the intrusions in the NSGB. A program of U-Pb geochronological investigation is in progress which should soon provide more age data (Heather and van Breemen 1994) and thus a better framework for the stratigraphy. Jackson and Fyon (1991) subdivided the supracrustal rocks within the map area into 3 assemblages (see Figure 2):

- 1) Muskego-Reeves assemblage (MRA)
- 2) Horwood assemblage (HWA)
- 3) Hanrahan assemblage (HNA)

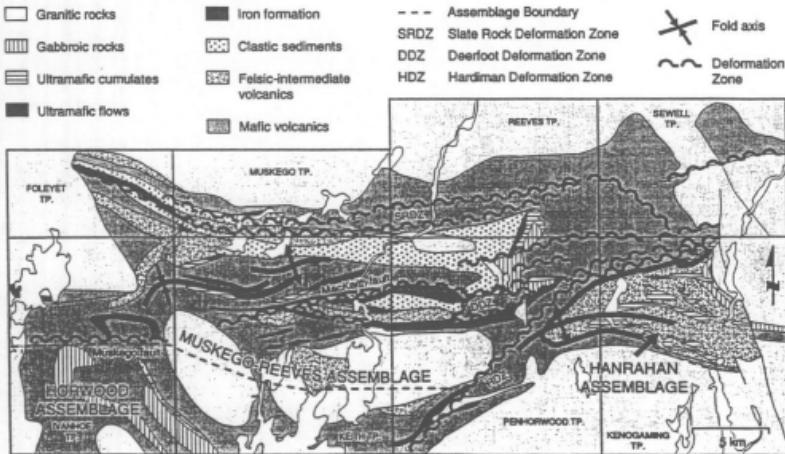


Figure 2. General geology of the northern Swayze greenstone belt.

Jackson et al. (1994) define supracrustal assemblages as regional map units that contain rocks sharing some, but not all, of the following properties: lithic attributes, geochemistry, facies association, geophysical signature, structural style and age. The units contained within an assemblage need not be stratigraphically related, and an assemblage may either be in fault or depositional contact with other assemblages.

The MRA is confined to the northern part of the belt and is composed of tholeiitic mafic volcanic rocks with lesser components of komatiitic ultramafic volcanic rocks, calc-alkalic intermediate and felsic volcanic units, and clastic and chemical sedimentary units. The HWA extends south of the synoptic area into the central part of the Swayze greenstone belt. It consists predominantly of tholeiitic mafic volcanic rocks, with minor intercalations of fine-grained clastic and chemical sedimentary rocks, calc-alkalic felsic pyroclastic rocks and komatiitic ultramafic flows. The HNA is confined to the southeastern part of the NSGB and consists predominantly of calc-alkalic intermediate and felsic volcanic rocks that have been intruded by extensive ultramafic and gabbroic sills. A laterally extensive, but relatively thin, unit of iron formation caps the HNA and delineates much of the boundary between the HNA and the MRA.

Table 1 is a presentation of the main rock units within the synoptic area. These units are discussed in more detail below.

ARCHEAN

Ultramafic Metavolcanic Rocks

Previous mapping in the synoptic area took place prior to the general recognition of the existence of ultramafic extrusive rocks and thus all ultramafic rocks were classified as intrusions (e.g., Prest 1951; Milne 1972; Breaks 1978). However, current mapping has shown many of these ultramafic units to be of extrusive origin. The close spatial relationship of the komatiite flows (unit 1, Map 2627, back pocket) with massive, medium-grained cumulate-textured serpentinite bodies of more enigmatic origin (unit 7, Map 2627, back pocket) suggests a cogenetic relationship which is not as yet fully understood.

Komatiitic ultramafic flows (unit 1, Map 2627, back pocket) represent an estimated 5% of the MRA, 1% of the HWA and were not observed within the HNA. A number of these units in the MRA are laterally extensive. The most extensive unit occurs in Penhorwood and eastern Keith townships, with dimensions of about 15 km (length) by up to 1 km (width). In central Keith Township, a number of lenticular units 1 to 2 km long appear to lie along the same stratigraphic horizon, suggesting the lenticular morphology might represent basinal areas of komatiite accumulation separated by areas of higher paleorelief without komatiite deposition. This observation is supported by the common

Table 1. Lithologic units for the northern Swayze greenstone belt.

PHANEROZOIC	Metamorphosed Ultramafic Cumulate Rocks
CENOZOIC	Dunite, peridotite, pyroxenite
QUATERNARY	
PLEISTOCENE AND RECENT	
Glacial, glaciofluvial, lacustrine and fluvial deposits	Chemical Metasedimentary Rocks
<i>Unconformity</i>	Magnetite iron formation, siderite iron formation, sulphide iron formation, graphitic mudstone, chert
PRECAMBRIAN	Clastic Metasedimentary Rocks
PROTEROZOIC	Sandstone, siltstone, mudstone, conglomerate, tuffaceous wacke, paragneiss
Mafic Intrusive Rocks	Felsic Metavolcanic Rocks
Diabase dikes	Tuff, lapilli tuff, tuff breccia, massive flow, brecciated flow
ARCHEAN	Intermediate Metavolcanic Rocks
Alkalic Mafic Intrusive Rocks	Tuff, lapilli tuff, tuff breccia, pillowd flow, massive flow, amygdaloidal flow, brecciated flow
Lamprophyre dikes	Mafic Metavolcanic Rocks
Late Felsic to Mafic Plutonic Intrusive Rocks	Massive flow, pillowd flow, variolitic flow, amygdaloidal flow, brecciated flow, plagioclase-phryic flow, pyroxene-spinifex-textured flow, tuff, lapilli tuff, tuff breccia
Granodiorite, quartz monzodiorite, granite, tonalite, quartz diorite, gabbro, clinopyroxenite, pegmatite, porphyry, felsite	Ultramafic Metavolcanic Rocks
Early Felsic to Mafic Plutonic Intrusive Rocks	Massive flow, spinifex-textured flow, polyhedral-jointed flow, brecciated flow
Tonalite, quartz diorite, granodiorite, quartz monzodiorite, granite, diorite, gabbro, porphyry, felsite	
Metamorphosed Mafic Intrusive Rocks	
Gabbro, melagabbro, leucogabbro, diorite, anorthosite, anorthositic gabbro	

PROPERTY GEOLOGY

Geology map 2231- Penhorwood and Kenogaming Townships show the property divided into three main geological areas. The central part being granite. The west side of the property is felsic to intermediate volcanics with felsic tuffs. This is divided with a central band of early mafic intrusive rocks with actinolitic hornblendic amphibolite. There are several outcrops throughout the area. The west side of the property is also show as felsic to intermediate volcanics.

The geology map also shows two nickel showings, one on the western claim and one on the eastern claim. ODM preliminary map P 465, Kenogaming Township, also shows the nickel showing.

The eastern claim block has encompassed an area which shows to have a 4 conductor airborne anomaly.

OGS Report 297- Precambrian Geology-'Northern Swayze Greenstone Belt' by J. A. Ayer Has a description of the Akweskwa Lake showing just south westerly claim.

copper and zinc were not reported. Detailed surface examination of the occurrence reported in Thurston et al. (1977) indicates that the iron formation consists of alternating layers of quartz, sulphides, magnetite and amphibole. Locally they contain minor intercalations of what may be fine-grained, metamorphosed lithic sandstone. The unit has been intruded by pink, medium-grained porphyritic granite and blue-grey quartz diorite.

NICKEL AND PLATINUM GROUP ELEMENTS

Nickel occurrences are closely associated with the cumulate-textured ultramafic rocks, mostly within the Hanrahan assemblage (HNA). The presence of large ultramafic bodies, some of which have documented nickel mineralization, is an indication that there may be good potential for komatiite-hosted nickel deposits similar to those found in the Timmins area and the Kambalda area of Australia (Lesher 1989). In addition, locally elevated platinum group element levels in assay results are also of exploration interest.

Akweskwa Lake (1)

There may be some confusion about the location of this showing in Kenogaming Township, as the area is underlain by numerous ultramafic bodies, a number of which have associated nickel mineralization. A grab sample taken at this location is reported to have assay values of 1% Cu and 0.9% Ni (Milne 1972). In 1973, Hanna Mining conducted a regional survey and sampled ultramafic rocks over much of Kenogaming Township. The highest returned assay value in this immediate area was only 0.30% Ni. Fumerton and Houle (1993) report a massive, fine- to medium-grained, highly serpentinized peridotite with about 2% disseminated sulphides at the indicated area of mineralization, but could not find any evidence of channel sampling. Grab samples collected by Fumerton and Houle (1993) returned values of up to 0.28% Ni and 0.13% Cu.

Amax Minerals Limited (2)

Amax minerals conducted a magnetic and EM survey in 1978 that was followed up by a diamond-drill hole in 1979, in northeastern Kenogaming Township. Drill logs report assay values of up to 0.25% Ni over 3 m within a carbonatized and serpentinized ultramafic unit containing talc and chlorite bands.

International Norvalie (13)

In 1971, Norvalie Mines Limited optioned the Jonsmith property in east-central Kenogaming Township and diamond drilled a number of holes in this area, east of the occurrence. One of the holes returned a value of 0.26% Ni over 3 m of serpentinized ultramafic rock containing 1 to 2% disseminated and fracture-filled pyrrhotite and pyrite.

Another hole, located further to the north, intersected an 18 m zone with copper mineralization in a unit identified as a grey banded tuff. The mineralization consists of chalcopyrite stringers which returned anomalous values of up to 0.32% Cu.

Ireland (14)

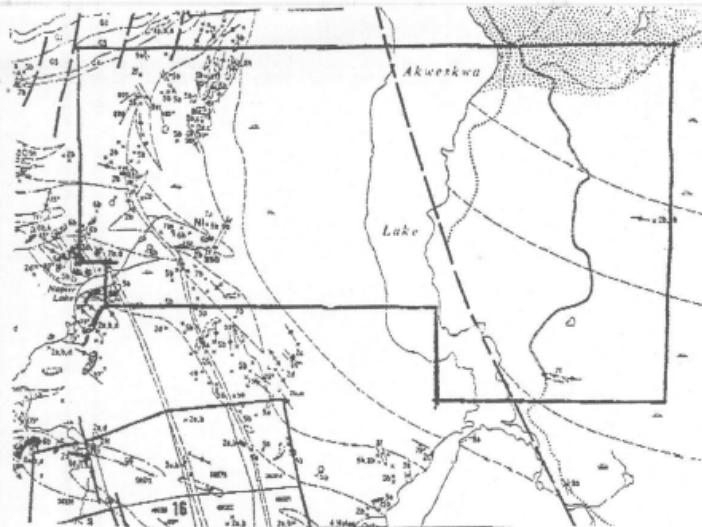
The Ireland occurrence is located in northern Kenogaming Township. It was discovered by Timmins Nickel Incorporated in 1989 and explored in 1990 by stripping, trenching and diamond drilling. The showing consists of cumulate-textured dunites differentiating into melagabbro, isoclinally interfolded with magnetite-chert iron formation and felsic tuffs of the underlying HNA. Mineralization consists of 1 to 2% disseminated sulphides which locally form a poorly developed net texture containing up to 10% sulphides. The sulphides consist of pyrrhotite and minor amounts of pentlandite. Late fractures are also mineralized with pentlandite. Grab samples returned assay values of up to 0.94% Ni, 0.10% Cu, 0.27 g/t Pt and 0.2 g/t Pd. Geochemical analyses of the ultramafic rocks in the vicinity of the mineralization show REE patterns that are distinctively different than those of similar, but unmineralized, ultramafic rocks in the same unit to the northeast. The slightly elevated LREE patterns in the rock hosting the mineralization suggest that contamination of the ultramafic magmas may be the mechanism responsible for localizing the sulphides and platinum group element mineralization (*see "Geochemistry"*).

McIntyre Johnson (22)

The McIntyre Johnson occurrence lies in poorly exposed, amphibolite-facies mafic metavolcanic rocks in the east-central part of Sewell Township. McIntyre Porcupine Mines Limited carried out geophysical surveys followed by diamond drilling in 1971. The mineralization is reported as millerite which occurs in aggregates and along joint surfaces within a differentiated mafic intrusion. Reported assay values are up to 0.2% Ni over 2.3 m within peridotite.

Norduna (27)

The Norduna occurrence is located within a cumulate-textured ultramafic body within the HNA, in central Kenogaming Township. There has been considerable exploration work on this occurrence since its discovery in 1947. This work has included geophysical surveys, stripping, trenching and diamond drilling, with the most recent work by Falconbridge Limited. The mineralization consists of up to 5% disseminated sulphides in serpentinized ultramafic rocks that are in close proximity to the sheared contact with intermediate fragmental rocks to the south. The best reported intersection was 0.88% Ni and 0.156% Cu over 7.6 m, including a 1.5 m section with 1.25% Ni and 0.24% Cu.



SALO CLAIM GROUP, KENOGAMING TOWNSHIP

MAP 2231- Petherwood and Kenogaming Townships
Coloured Geological Map

PROJECT

PROPOSAL AND CHANGES

The proposal for this OPAP program was to do grass roots prospecting, including plugger work, sampling, assaying, line cutting, magnetometer survey, slit sampling, and geological mapping.

After traversing the claims, not as many outcrops were visible as expected. Those found were blasted and sampled, some assays were sent from these samples. The line cutting and magnetometer survey was also performed on the area of the airborne anomaly.

A drill hole of 394' was also put into place to test the mag anomaly.

The maps and results are contained herein.

DAILY LOG

Log of Kengoaming Township Property

July 15th- Line cut BLO from 0- 6+00E	Joe-Anne and Larry
July 17th- Line cut BLO 6+00E to 8+00E	
Line 8+00E to the north	Joe-Anne and Larry
July 19th- Line cut line 7E north and 6E north	Joe-Anne and Larry
July 20th- Line cut line 6E north and line 5 E north	Joe-Anne and Larry
July 22nd- Line cut Line 4E north and 3E North	Joe-Anne and Larry
July 24th- Line cut 3E north and 2E north	Joe-Anne and Larry
July 26th- Line cut 1E north and 0 north	Joe-Anne and Larry
July 27th- Line cut 0 north and 0 south	Joe-Anne and Larry
Aug 14th- Line cut 1E south and 2E south	Joe-Anne and Larry
Aug 16th- Line cut 2E south and 3E south	Joe-Anne and Larry
Aug 17th- Line cut 4E south and 5E south	Joe-Anne and Larry
Aug 19th- Line cut 5E south and 6E south	Joe-Anne and Larry
Aug 23rd- Line cut 7E south and 8E south	Joe-Anne and Larry
Aug 24th- Line cut 8E south and chained all lines	Joe-Anne and Larry

Aug 26th- Magnetometer survey	Joe-Anne
Aug 28th- Magnetometer survey	Joe-Anne
Aug 29th- mapping magnetometer data	Joe-Anne

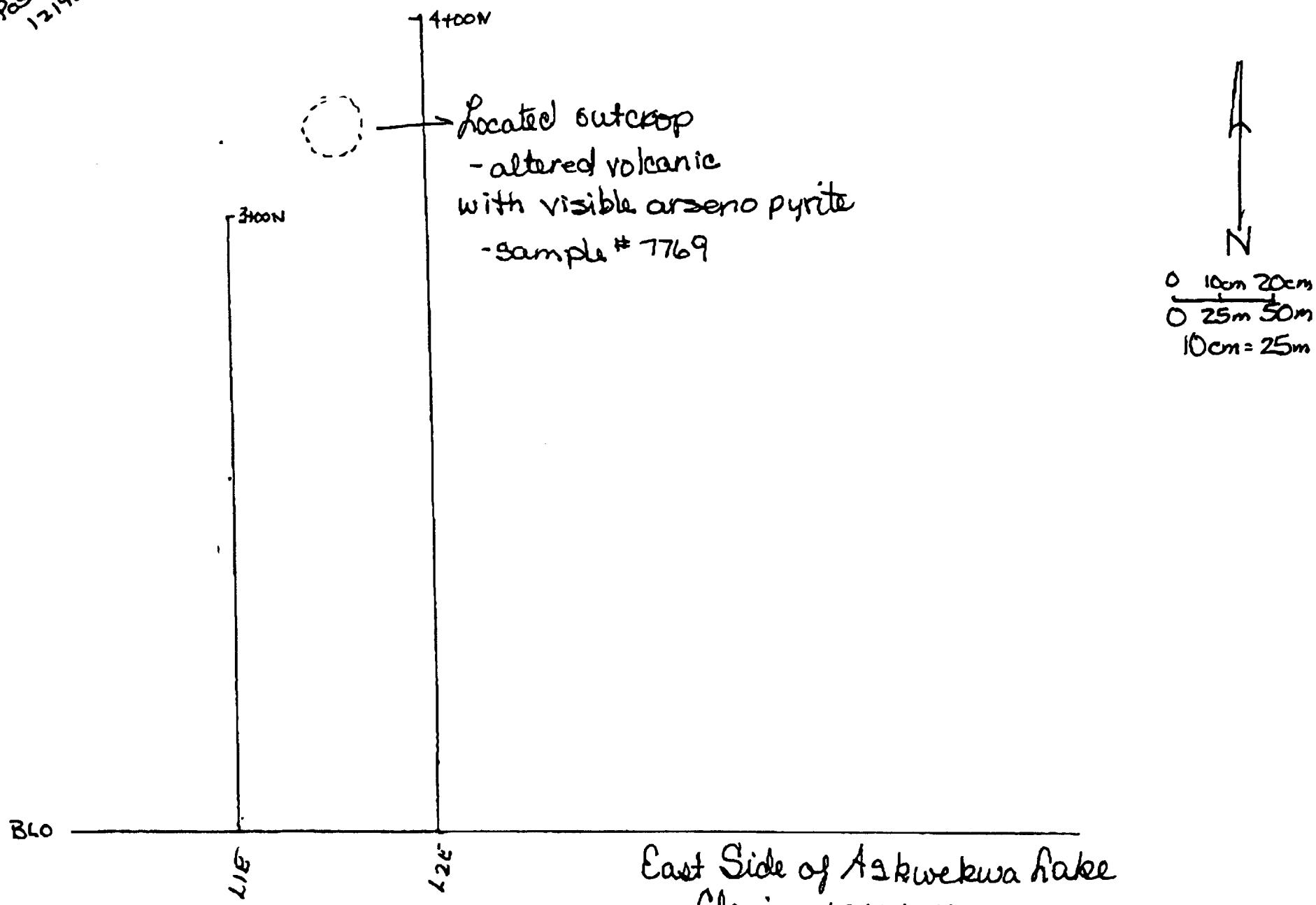
Aug 30th- traverses on east side	Joe-Anne and Larry
Aug 31st- traverses on east side	Joe-Anne and Larry
Sept 2nd- traverses on east side	Joe-Anne and Larry
Sept 4th- traverses on east side	Joe-Anne and Larry

Sept 6th- traverses on west side	Joe-Anne and Larry
Sept 7th- traverses on west side	Joe-Anne and Larry
Sept 9th- traverses on west side	Joe-Anne and Larry
Sept 11th- traverses on west side	Joe-Anne and Larry
Sept 13th- traverses on west side	Joe-Anne and Larry

Sept 14th- plugger work and blasting	Joe-Anne and Larry
Sept 16th- plugger work and blasting	Joe-Anne and Larry
Sept 18th- plugger work and blasting	Joe-Anne and Larry
Sept 20th- plugger work and blasting	Joe-Anne and Larry

Sept 21st- plugger work and blasting	Joe-Anne and Larry
Sept 23rd- plugger work and blasting	Joe-Anne and Larry
Sept 25th- plugger work and blasting	Joe-Anne and Larry
Sept 27th- sampling	Joe-Anne and Larry
Sept 29th- sampling	Joe-Anne and Larry
Sept 31st- sampling	Joe-Anne and Larry
Oct 2nd- sampling	Joe-Anne and Larry
Oct 4th- sampling	Joe-Anne and Larry
Oct 6th- sampling	Joe-Anne and Larry
Oct 7th- sampling	Joe-Anne and Larry
Oct 27th- mapping samples	Joe-Anne
Dec 7th- mobilization of drill	Larry and Denis
Dec 8th- mobilization of supplies	Larry and Denis
Dec 9th- drilling overburden	Larry and Denis
Dec 10th- drilling	Larry and Denis
Dec 11th- drilling	Larry and Denis
Dec 12th- drilling	Larry and Denis
Dec 13th- drilling	Larry and Denis
Dec 14th- demobilization of supplies	Larry and Denis
Dec 15th- demobilization of drill	Larry and Denis
Dec 17th- logging core	Harold
Dec 18th- splitting core	Eero
Dec 19th- splitting core	Eero
Dec 20th- samples taken to Swastika	Joe-Anne
Jan 3- drill sections and report	Joe-Anne
Jan 24- making copies of report and maps	Joe-Anne

B #4 Post
1219070



East Side of Askwekwa Lake
Claim 1219070

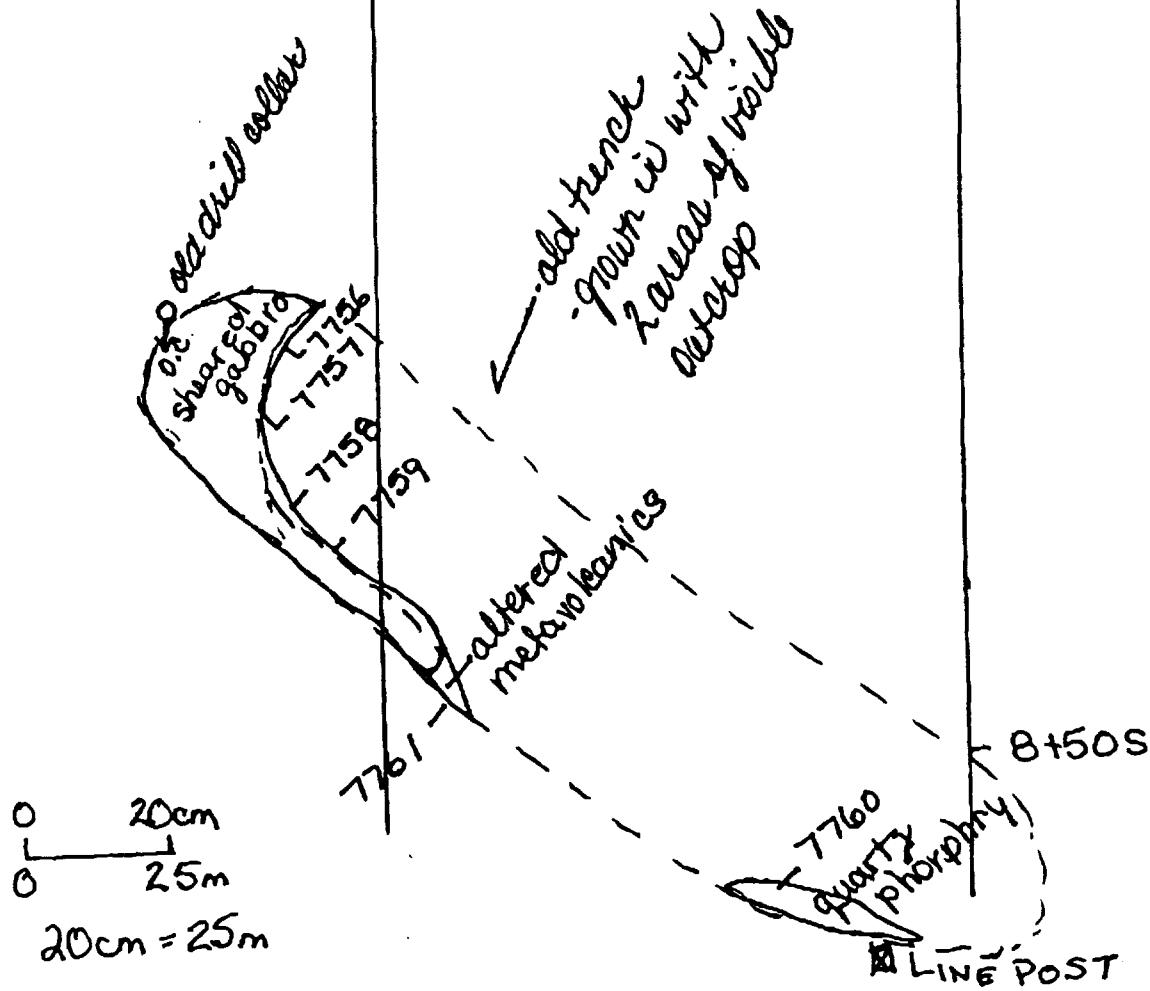
traverses done Aug 30/97 - Sept 4/97
L & J. Smith

L 9+500
N

Sampling sketch of French

- located on claim 1217716

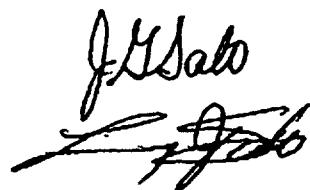
- traversed Sept 9th/97.
- plugger work & blasting Sept 18th/97
- sampled Oct 4th/97



Kenogaming Township

The prospecting on the Kenogaming Township Property was conducted by Harry & Joe-Anne Sabo (lic m-20010 & m21106)

The traverses were conducted between Aug 30 - Sept 13/97.
Plugging work & blasting were conducted Sept 14 - 25/97.
Each area was then sampled Sept 27 - Oct 7/97.



A hand-drawn map of a forest transect, likely a vegetation survey. The map shows a north-south axis with various tree species and their distribution marked by vertical lines and labels.

- Young Poplars:** Labeled on the left side, appearing at approximately 100m and 300m.
- Trees:** Labeled along the center axis, including:
 - 7165
 - 7166
 - 7163
 - 7162
 - 7164 clusters
 - 7162 amphitheatre
 - 7163 clusters
 - 7161
 - 7160
 - 7167
 - 88
- Shrub:** Labeled as "tub. curr. m. huttonia" near 7160.
- Mature:** Labeled near the bottom center.
- Jackpines:** Labeled on the right side, appearing at approximately 400m and 500m.
- Cedar Swamp:** Labeled on the far right.
- OC:** Labeled multiple times, likely indicating open canopy or other ecological status.
- Labels:** Includes "J. S. Cole" in the bottom left corner and "1975" in the bottom right corner.

J. H. Sals

J. G. Salo
S. S. Salo

Cedar Swamp

granite

7768
granite

Swampy
with tall
alders.

Balsam

O.L.O.

EAST SIDE OF ASKWEKWA LAKE

For the period of July 15th to August 24th, a line grid was put in place on claim 1219070. The lines total 5.4 km at 100 meter spacings with 25 meter stations. A magnetometer survey was done on this grid on August 26th and 28th.

Traverses were done over claim 1219070 and claim 1219071 over a period of nine days.

Although the geology maps shows an outcrop on the east side of 1219070, it could not be found. Only one outcrop was found during these traverses. It is located between L1E and L2E and 3+50N. It appears to be an altered volcanic with visible arseno pyrite. After blasting sample 7769 was sent for multi element assays. (see Intertek Testing report for results).

After completing the west side of the lake, it was determined that not enough outcrop existed on the property an a drill hole was put into place on Line 5+00E at 1+25N to test the anomaly found during the mag survey.

See drill section for results.

WEST SIDE OF AKWESKA LAKE

The west side of Akweskwa Lake was also traversed using the 1996 line grid. A total of 16 km was covered, on claims 1203981 and 1217716.. A total of fourteen outcrops were located. Due to the terrain in some places it was difficult to tell if it was one of two outcrops. The outcrops were blasted and sampled, some sent for assays.

On claim 1217716 some old working were found. This included an old drill site and some trenching. The trenches were also blasted and of all the outcrop looked the most promising for nickel.

The following is a description of the outcrops. (map for locations and numbers)

#7751- L8W 2+85N -

- fine grained, weakly foliated (amphibolite, mafic metavolcanic) chloritic.

#7752- L11W 3+60S

-moderate-strongly talc-carb, altered intermediate metavolcanic (pyroclastic)

-surface rind of rusty umoxite iron carbonate

#7753- L10W 1+00N

-finer grained version of sample 7766, this rock appears to be somewhat more altered than sample 7766.

-some very minor rusty spots noted Fe/Fe carb.

#7754- L8+25W 4+25S

-Quartz eyed gabbro

Assayed for Au Pt Pd Cu Ni- se Intertek Testing report for results

#7755- L7+75W 5+50S

-rhyolite, gabbro with rust- folded and striking 80 degreed EW dipping 90 degrees
Assayed for multi-elements- see Intertek Testing report for results.

#7756 L8+50W 8+50S

-sheared gabbro- old drill hole
Assayed for Au Pt Pd Cu Ni- see Intertek Report for results.

#7757- L8+50W 8+50S

-calcite in altered volcanics, mineralized gabbro

-striking EW dip of 90 degrees

Assayed for multi elements- see Intertek Testing report for results.

#7758 L8+50W 8+50S

-pinkish quartz veining in granitized gabbro

-visible arsenopyrite

Assayed for Au Pt Pd Cu Ni- see Intertek Testing report for results.

#7759 L8+50W 8+50S

-mineralized gabbro

Assayed for multi elements- see Intertek Testing report for results.

#7760 L7+50W 9+27S

-quartz phorphry

Assayed for Au Pt Pd Cu Ni- see Intertek Testing report for results.

#7761- L8+20W 9+27S

- altered metavolcanics

Assayed for multi elements- see Intertek Testing report for results.

NOTE- #7756-#7761 are from the area of the old trenches.

#7762- L10W 1+50N

-mafic-intermediate weakly foliated amphibolite

-minor rusting noted on some surfaces

-(amphibolized mafic metavolcanic)

#7763- L11W 1+25N

-moderate-well foliated, medium-coarse grained talc altered intermediate feldspar porphyry with some brown rusting.

#7764- L10W 2+00N

-gabbro diabase (possibly glomeroporphyritic diabase)

#7765- L12W 4+00N

-intermediate feldspar porphyry

-same as 7766

#7766 L12W 1+25N

-weakly foliated medium to coarse grained feldspar porphyry with abundant 20-30% euhedral white grey feldspar phenocrysts set within a visibly chloritic-sericitic altered ground mass (general fairly fresh looking)

#7767 L12W 6+25N

-weakly foliated mafic-intermediate metavolcanic (pyroclastic)

-trace pyrite

#7768-L4W 2+20S

-granite

MAGNETOMETER SURVEY

Discussion

This magnetometer survey shows activity in the north east quarter of the survey area and that the remaining area is relatively flat.

Using a McPhar Proton Magnetometer, the grid was trasversed in loops, checking back with a base station located at BLO L4E. The diurnal drift was accounted for based on time durations and number of readings.

Line 5E seems to be the center of the 4 channel air born anomaly. The map was drafted using 58000 gammas as the 0 point and everything was either above or below (below indicated by ()),

DRILL LOG





Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

**Diamond
Drilling
Log**

**Journal de
forage au
diamant**

Drilling Company
Compagnie de forage

Collar Elevation
Élévation du collier

Bearing of hole from true
North/Position du forage
par rapport au nord vrai

Total Footage
Avancement total du
forage

394.00

Dip of Hole at
Inclinaison du forage au

Collar/collar

Complete this form and
related sketch in duplicate.

Remplir en deux exemplaires la
présente formule et le croquis annexé

Fill in on every page
Remplir ces cases à
chaque page

Hole No.
Forage n°
J-1/97

Page No.
Page n°
1

Date Hole Started
Date de commencement du forage

Date Completed
Date d'achèvement

Date Logged
Date d'inscription au
journal

Logged by
Inscrit par HAROLD J.
TELLINELLI

FL/PI

.

FL/PI

.

FL/PI

.

FL/PI

.

Address/Location where core stored
Adresse/endroit où la carotte est stockée

Map Reference No.
N° de référence sur la carte

Claim No.
N° de concession minière

Location (Twp. Lot. Con. or Lat. and Long.)
Emplacement (canton, lot, concession, ou latitude et longitude)

Kenogaming Strip
f5E 1125N

Property Name
Nom de la propriété

KOOL-SALO PROPERTY

Footage/Avancement From/De	To/A	Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle/Angle des caractéristiques pannes	Core Specimen: Footage / Longueur en pieds des carottes prises	Your Sample No. N° d'échantillon du prospecteur	Sample Footage/Niveau de pré- levement de l'échantillon (en pieds) From/De	To/A	Sample Length/ Longueur de l'échantillon	Assays ↑/Analyses minéralurgiques
0.00	37.00	CLAY	OVERBEDDED SILICIL & SODDED - CEMENTED PINK GRANITIC MATS.							
37.00	77.70	INTERMEDIATE	LIGHT GREY TO WHITE COLOR WITH FINE TO MEDIUM FOLIATION - LAYERED IN PLATES, FRACTURES WELL DEVELOPED LAYER @ 30° TO A. NAME OF THE FOLIATION LINES FOL. LINED WITH CEMENTATE & TO 10% CLAY. LAYER FOLIATION LINES ARE WELL DEVELOPED. ROCK APPAREL COHESIVE & WORKABLE BUT SOFTENED SILICATE LAYERED WITH MINERALS > 41%. 51.00 ± 1. 7775 50 53 3		37.00	7770	37	40	3	
		FOLIOLISTIC	-LAYERED LAYERED IN PLATES, FRACTURES							
		WELL DEVELOPED	LAYER @ 30° TO A. NAME OF THE FOLIATION LINES							
		FRAG.	LINED WITH CEMENTATE & TO 10% CLAY.							
			LAYER FOLIATION LINES ARE WELL DEVELOPED.							
			ROCK APPAREL COHESIVE & WORKABLE BUT SOFTENED							
			SILICATE LAYERED WITH MINERALS > 41%. 51.00 ± 1. 7775 50 53 3							
			< FRACTURES - EXFOLIATION >							
			ROCK WEAKENED TO INDEPENDENT TENSILE STRENGTH.							
			INTERNAL Holes BEEN VERTICALLY FRACTURED.							
			WELL DEVELOPED LAYERED LINES > 30°. TEC - (ARE 20)							
			OPEN FRACTURES & FOLIATION.							
77.70	307.25	ULTRAMAFIC	DAK GREY - NEARLY BLACK - FOLIATED FINE -				7775	124	127.6	316
		METASIVE	NEARLY BLACK - FOLIATED FINE -							

0204 (03/91) *For features such as foliation, bedding, schistosity, measured from the long axis of the core.

*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

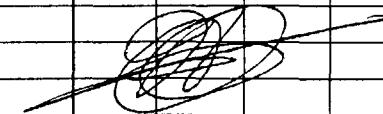
Diamond Drilling Log **Journal de forage au diamant**

Complete this form and
related sketch in duplicate.
Remplir en deux exemplaires la
présente formule et le croquis annexé

Fill in on every page
Remplir ces cases à
chaque page

Hole No.
Forage n°

Page No.
Page n°

Drilling Company Compagnie de forage		Collar Elevation Elévation du collier	Bearing of hole from true Nord/Position du forage par rapport au nord vrai	Total Footage Avancement total du forage	Dip of Hole at Inclinaison du forage au	Address/Location where core stored Adresse/endroit où la carotte est stockée	Map Reference No. N° de référence sur la carte	Claim No. N° de concession minière			
Date Hole Started Date de commencement du forage	Date Completed Date d'achèvement	Date Logged Date d'inscription au journal	Logged by Inscrit par	Collar/collar			FL/PI				
							FL/PI				
							FL/PI				
							FL/PI				
							FL/PI				
Exploration Co., Owner or Optionee Compagnie d'exploration, propriétaire ou titulaire d'option	Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature)				Property Name Nom de la propriété					
Footage/Avancement	Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)				Payer Feature Angle/Angle des caractéristiques planes	Core Specimen Footage / La longueur en pieds des carottes prisées	Your Sample No. N° d'échantillon du prospecteur	Sample Footage/Niveau de prélèvement de l'échantillon (en pieds)	Sample Length Longueur de l'échantillon	Assays ↑/Analyses minéralurgiques
From/De	To/A								From/De	To/A	
<p>THE ROCK INTERCUT AT 213' 11" THE AREA IS DENSELY FOLIATED AND SCHISTOSITY IS WELL DEVELOPED. THE FOLIATION IS STRONGLY DEFORMED BY FAULTING. THESE STRONGLY DEVELOPED FRACTURES APPEARS TO HAVE BEEN FILLED WITH VERY FINE FE (ARSENITE) MINERALS. THROUGHOUT THE BURROW CONTAINS VERY FINELY DISSEMINATED GOLD SPHERULES FOLLOWING THE INTENSE MICRO-REGULARIZING. DENSELY FOLIATED ROCK HAS FAULTS FOLIATION STUPED - FAULTED AND SCHISTOSITY IS WELL DEVELOPED. THE ENTIRE SECTION HAS BEEN SUBJECTED TO WORKING AND HAS BEEN TAKEN ALONG WITH THESE MINOR RESTRUCTURES ALTERATION PRESENT. THE MOST INTENSE FOLIATION ALTERATION SPACES ARE CERTAINLY DEFINED BY THE GOLD SPHERULES. THE MOST DISTINCTIVE FAULT ALTERED ZONES ARE CHARACTERIZED BY BRIGHT YELLOW-YELLOW GREEN ARSENITE COLOR, THE BANDS OF LACOSTEY FOLIATION ARE AVERAGE IN SIZE.</p> 											

0204 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.

*Exemples de caractéristiques : foliation, bedding, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Note : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



**Ministry of
Northern Development
and Mines**

**Ministère du
Développement du Nord
et des Mines**

**Diamond
Drilling
Log**

Complete this form and related sketch in duplicate.
Rémplir en deux exemplaires la présente formule et le croquis annexé

Fill in on every page
Remplir ces cases à chaque page

Hole No. Forage n°	Page No. Page n°
-----------------------	---------------------

0204 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core

Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Additional credit available. See Assessment Work Regulation.
† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

**Diamond
Drilling
Log**

**Journal de
forage au
diamant**

Drilling Company Compagnie de forage		Collar Elevation Élévation du collier	Bearing of hole from true Nord/Position du forage par rapport au nord vrai	Total Footage Avancement total du forage	Dip of Hole at Inclinaison du forage au Collier/collier	Address/Location where core stored Adresse/endroit où la carotte est stockée	Map Reference No. N° de référence sur la carte	Claim No. N° de concession minière	Hole No. Forage n°	Page No. Page n°		
Date Hole Started Date de commencement du forage	Date Completed Date d'achèvement	Date Logged Date d'inscription au journal	Logged by Inscrit par		FL/PI							
Exploration Co., Owner or Optionee Compagnie d'exploration, propriétaire ou titulaire d'option		Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature)		FL/PI							
					FL/PI							
					FL/PI							
Footage/Avancement From/De	To/A	Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)			Plane Feature Angle/Type des caractéristiques pannes	Core Specimen Footage / L'longeur en pieds des carottes prélevées	Your Sample No. N° d'échantillon du prospecteur	Sample Footage/Niveau de pré- levement de l'échantillon (en pieds) From/De	Sample Length Longueur de l'échantillon To/A	Assays †/Analyses minéralurgiques	
		LIGHT GREEN. DARK GREEN FINE TALE MINERALS. POSSIBLY ASSOCIATED WITH SOME GROUND OF CARBONATE MINERALS.										
		THE MOST NOTABLE TALE ALTERED. ASBESTOS WITH SOME SCALLOPS AT THE FOLLOWING INTERVALS:										
		124.50 - 125.50 BAND OF MODERATE TO STRONG GREENISH MED- DARK GREEN TALE ALTERATION.							7777	127.6	130	2 ⁴
		ALTERED 127.00 +L - 129.50 SEVERAL FEW FEW BANDS OF MODERATE TO VERY STRONG TALE ALTERATION.							7778	167	170	3
		THE LITTLE MUD ROCK CONTAINS THE USUAL TALE ZONE - ASBESTOS MINERAL VENS.							7779	170	175	5
		GREEN STRONG 129.50 - 131.50 BAND OF VERY STRONG TO HIGH INTENSE TALE ALTERATION.							7780	175	178	3
		SCALLOPED ALTERED, WITH SOME FEW LYSO							7781	178	181	3
		< 1' WHITE BIRD'S EYE LIPSTICK MINERAL VENS							7782	181	184	3
		BAND SPINNERS WITH SOME FINER GREEN IRREGULAR DISSEMINATIONS AND TAIL TAILLI DISSO DISSO							7783	184	187	3
		LEADS. THERE IS A VERY STRONG TALE ALTERATION							7784	187	189	2
		SECTION MOST NOTEABLY FROM APPROX 137.50 - 137.00 +L							7785	189	191	2

0204 (03/01)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.

*Exemples de caractéristiques : foliation, bedding, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Note : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

**Diamond
Drilling
Log**

**Journal de
forage au
diamant**

Complete this form and
related sketch in duplicate.

Rémplir en deux exemplaires la
présente forme et le croquis annexé

Fill in on every page
Remplir ces cases à
chaque page

Hole No.
Forage n°

Page No.
Page n°

5

Drilling Company Compagnie de forage		Collar Elevation Élévation du collier	Bearing of hole from true North/Position du forage par rapport au nord vrai	Total Footage Avancement total du forage	Dip of Hole at Inclinaison du forage au	Address/Location where core stored Adresse/endroit où la carotte est stockée	Map Reference No. N° de référence sur la carte	Claim No. N° de concession minière				
Date Hole Started Date de commencement du forage	Date Completed Date d'achèvement	Date Logged Date d'inscription au journal	Logged by Inscrit par		Collar/collar							
					FL/PI							
					FL/PI							
					FL/PI							
					FL/PI							
Exploration Co., Owner or Optionee Compagnie d'exploration, propriétaire ou titulaire d'option		Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature)									
Footage/Avancement From/De	To/A	Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)			Planar Feature Angle/Angle des caractéristiques pannes	Core Sample Footage t/ Longueur en pieds des carottes préllevées	Your Sample No. N° d'échantillon du prospecteur	Sample Footage/Niveau de pré- levement de l'échantillon (en pieds)	Sample Length Longueur de l'échantillon	Assays †/Analyses minéralurgiques	
			REDUCED 216° - 276° VERT STRONG TO THE INTERVAL WHICH FOLDS OF WLS DISCUSSED FROM 187° - 188° THIS IS A INTERFOLIATION BUT ALSO A FOLIATED ZONE WITHIN THE MIDDLE ZONE) BUT AN INCREDIBLY THICK LAYER OF MUDROCKED GLEY- LEBESTON MINERAL SPINTER-ZONE ACCORDING TO REASONABLE AND FAIRLY REGULAR. THE MINERALS EXCEPT THE TALK ARE ALL IN ALL DIRECTIONS. SOME OF THE ASBESTOS TALK MINERALS → VEINS HAVE INFILLED SOME OF THE EXCAVATED PITS THE ALTERNATING NARROW BANDS OF MUDROCKED INTENSE TALK ALTERATION IS SEPARATED BY A THICKER FASHER LOOKING BUT FAIRLY REGULAR INTERFOLIATION RX"					7782	191	193	2	
								7787	193	195	2	
								7788	195	197	2	
								7789	197	199	2	
								7790	199	201	2	
								7791	201	203	2	
								7792	203	205	2	
								7793	205	207	2	
								7794	207	209	2	
								7795	209	211	2	
								7796	211	213	2	
								7797	213	216	3	
								7798	216	219	3	
								7799	219	222	3	
								7800	222	225	3	
								20367	225	228	3	

0204 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.

*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Note : Dans cette forme, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

**Diamond
Drilling
Log**

**Journal de
forage au
diamant**

Complete this form and
related sketch in duplicate.

Rémplir en deux exemplaires la
présente formule et le croquis annexé

Fill in on every page
Rémplir ces cases à
chaque page

Hole No. Forage n°	Page No. Page n°
-----------------------	---------------------

Drilling Company Compagnie de forage	Collar Elevation Élevation du collier	Bearing of hole from true North/Position du forage par rapport au nord vrai	Total Footage Avancement total du forage	Dip of Hole at Inclinaison du forage au	Address/Location where core stored Adresse/endroit où la carotte est stockée	Map Reference No. N° de référence sur la carte	Claim No. N° de concession minière			
Date Hole Started Date de commencement du forage	Date Completed Date d'achèvement	Date Logged Date d'inscription au journal	Logged by Inscrit par	Ft./Pi.		Location (Twp. Lot, Con. or Lat. and Long.) Emplacement (canton, lot, concession, ou latitude et longitude)				
Exploration Co., Owner or Optionee Compagnie d'exploration, propriétaire ou titulaire d'option		Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature)	Ft./Pi.		Property Name Nom de la propriété				
				Ft./Pi.						
Footage/Avancement From/De To/A	Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)			Planar Features Angle* Angles des caractéristiques panes	Core Specimen Footage / L'angleur en pieds des carottes préllevées	Yard Sample No. N° d'échantillon du prospecteur	Sample Footage/Niveau de pré- levement de l'échantillon (en pieds) From/De To/A	Sample Length Longueur de l'échantillon	Assays †/Analyses minéralogiques
		CARBONATED → RECENTLY TILTED FAULT NODULES FOOL ENPLACED VENIS FAULT FEE 115/300 SHEDDED → GOOSE LIKE, ALIGNED AT 60°FLA. SOIL OF THE FOOL IN THE DUEFIELD - HYDROXYLIC SECTION IS VERY FRAGILE. DISS'D 304-307.25 VERY FINELY DISC'D DIATE, FROM 30311 SULPHIDE LESS THAN 10% BY VOLUME, SMALLER LESS THAN 1 700 > FEW IRREGULAR STONEERS OR MED/TINIE SPACES A few small millimetre, here and there LIES WITHIN THE INTERVAL THAT SHOWS THE DEVELOPED SHEET FAULT - POSSIBLY? IRON STAINING SOME MINOR IRREGULAR SIZING RARE / RARELY SOME IRREGULAR SIZE OF THE FRAGILE SURFACES.					20368 228	231	3	
							20369 231	234	3	
							20370 234	237	3	
							20371 237	240	3	
							20372 240	243	3	
							20373 243	246	3	
							20374 246	249	3	
							20375 249	252	3	
							20376 252	255	3	
							20377 255	258	3	
							20378 258	261	3	
							20379 261	264	3	
							20380 264	267	3	
							20381 267	270	3	
							20382 270	273	3	
307.25 330.00	INTERMEDIATE	MEDIUM TO DARK GREY, FINE TO MEDIUM GRAINED,					20383 273	276	3	
	PYROCLASTIC /	SOMETHING IRREGULAR / TEXTURED, BY APPARENT					20384 276	279	2	
	METAVOLCANIC	BE MADE UP OF IRREGULAR IRREGULAR SIZE : ETC. >					20385 278	280	2	
		LIGHT GREY CRYSTAL - ILLITIC X-STOOL IRREGULAR.					20386 280	282	2	

0204 (03/01)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.

*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Note : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Diamond Drilling Log

**Journal de
forage au
diamant**

Complete this form and
related sketch in duplicate.
Remplir en deux exemplaires la
présente forme et le croquis annexé

Fill in on every page
Remplir ces cases à
chaque page

Hole No. Forage n°	Page No. Page n°
-----------------------	---------------------

Drilling Company Compagnie de forage	Collar Elevation Élévation du collier	Bearing of hole from true North/Position du forage par rapport au nord vrai	Total Footage Avancement total du forage	Dip of Hole at Inclinaison du forage au Collar/collar	Address/Location where core stored Adresse/endroit où la carotte est stockée	Map Reference No. Nº de référence sur la carte	Claim No. Nº de concession minière			
Date Hole Started Date de commencement du forage	Date Completed Date d'achèvement	Date Logged Date d'inscription au journal	Logged by Inscrit par	Fl/Pi			Location (Twp. Lot, Con. or Lat. and Long.) Emplacement (canton, lot, concession, ou latitude et longitude)			
Exploration Co., Owner or Optionee Compagnie d'exploration, propriétaire ou titulaire d'option	Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature)		Fl/Pi			Property Name Nom de la propriété			
				Fl/Pi						
				Fl/Pi						
Footage/Avancement From/De To/A	Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)			Planar Feature Angle/Angle des caractéristiques planes	Core Specimen Footage / Longueur en pieds des carottes prises	Your Sample No. Nº d'échantillon du prospecteur	Sample Footage/Niveau de pré- levement de l'échantillon (en pieds)	Sample Length Longueur de l'échantillon	Assays †/Analyses minéralogiques
		<p>THE DIA ROCKS ARE RESEMBLING THE LIMTED FELDSPAR PORPHYRY IN THE SALT MUD FOLIATION @ 70° TO A DENSE SLATED. THERE ARE A FEW NARROW BANDS OF SILVER CARBONATE MINES OF 2-2.5", MOST < 1/4", THESE ARE A FEW LIGHT GRAY FG SILKWOODS & COLOR STAINES > CALCIUM VILLAGES. E HEMATITE/MAGNETITE SILVER.</p> <p>THERE ARE SEVERAL FRESH SURFACES THAT SHOW SOME BLUE-GREY COLOR? IRONING. BY THE UNDETERMINED SOME SPORADIC HEMATITE PIGMENT.</p>					20387	287	286	4
							20388	286	289	3
							20389	289	292	3
							20390	292	295	3
							20391	295	297	2
							20392	297	299	2
							20393	299	301	2
							20394	301	303	2
							20395	303	305	2
							20396	305	307.5	2.5
330.00	351.60	ULTRAMAFIC	Very similar to 330'. VARIOUS FORMS OF FOLIATION INTERSECT. APPARENTLY BE THINBED MARGINALLY TOWARDS THE LOWER SIDE OF THE SECTION. THE UPPER PARTS OF THE SECTION HAS BEEN ALTERED WHICH IS INDICATED BY THE FOLIATION DEFORMED AND FAULTS VARIOUS LAYERING (LFL-TLL) ALTERATION ENDS WITHIN A FEW ISOLATED OPEN FRACTURES IN THE RX.				20397	307.5	310	2.5
		IMPERMEABLE					20398	310	313	3
							20399	335	338	3
							20400	341	345	4

0204 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.

*Exemples de caractéristiques : foliation, stratification, schistosité, mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

**Diamond
Drilling
Log**

**Journal de
forage au
diamant**

Drilling Company
Compagnie de forage

Collar Elevation
Élévation du collier

Bearing of hole from true North/Position du forage par rapport au nord vrai

Total Footage
Avancement total du forage

Dip of Hole at
Inclinaison du forage au

Collar/collar

Address/Location where core stored
Adresse/endroit où la carotte est stockée

Fill in on every page
Remplir ces cases à chaque page

Hole No.
Forage n°

Page No.
Page n°

3

Date Hole Started
Date de commencement du forage

Date Completed
Date d'achèvement

Date Logged
Date d'inscription au journal

Logged by
Inscrit par

Exploration Co., Owner or Optionee
Compagnie d'exploration, propriétaire ou titulaire d'option

Date Submitted
Date de dépôt

Submitted by (Signature)
Déposé par (signature)

Footage/Avancement From/De	To/A	Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Plane Feature Angle/Angle des caractéristiques planes	Core Specimen Footage / Longueur en pieds des carottes prélevées	Your Sample No. N° d'échantillon du prospecteur	Sample Footage/Niveau de prélevement de l'échantillon (en pieds) From/De	Sample Length Longueur de l'échantillon	Assays †/Analyses minéralurgiques
			341.50 - 351.00 FINE GRAINED DISSEMINATED BIOTITE ALTERATION.			663801	341	346	5
			FINE FINE GRAINED DISSEMINATED BIOTITE ALTERATION.			663802	347	353	6
			TRAIL OF FINE DISSED PURPLE COLORATION ALONG FOLIATION.			663803	355	357	2
			MANIFOLIAZATION ALONG SURFACE SPACES.			663804	357	360	3
			DEEP BLUE-PURPLE COLORATION ALONG FOLIATION.			663805	360	363	3
						663806	363	366	3
351.60	352.75	INTERMEDIATE	MEDIUM TO DARK GRAY, MEDIUM GRAIN SIZE GRAINED.			663807	364	369	3
		AFOLIOLATE	WEAKLY TO MODERATELY WELL FOLIATED @ 60°-70°.			663808	369	372	3
		FOL.	SHELL-LIKE / GRANULES IN PLACES. NICKEL ENRICHED.			663809	372	375	3
		CHALCOCITE	SI. @ 330°-340°. LOCALIZED METAVOLCANIC FEATURES.			663810	375	378	3
		W. T. L. V. C.	WEAKLY WEAKLY SULFIDED AND CARBONATED.						
			DISSEMINATED LILAC COLORATION FRAGMENTS NOTED.						
			THROUGHOUT. FINE DISSED PURPLE COLORATION.						
			JOINED BY LILAC COLORATION FRAGMENTS IN PLACES.			663811	378	380	2
			THE METAVOLCANIC.			663812	380	382	2
		STRONG	354.70 - 356.30 FINE TO VERY FINE GRAINED MASIVE.			663813	382	384	3
		BD	TO DISSEMINATED BIOTITE ALTERATION AT METAVOLCANIC.			663814	384	387	3
		DLT'N>	TRAIL DISSED PURPLE NOTED.			663815	387	391	3
						663816	391	394	3

0204 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.

*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Note : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

**Diamond
Drilling
Log**

**Journal de
forage au
diamant**

Complete this form and
related sketch in duplicate.

Remplir en deux exemplaires la
présente formule et le croquis annexé

Fill in on every page
Remplir ces cases à
chaque page

Hole No.
Forage n°

Page No.
Page n°

Drilling Company Compagnie de forage		Collar Elevation Élévation du collier	Bearing of hole from true North/Position du forage par rapport au nord vrai	Total Footage Avancement total du forage	Dip of Hole at Inclinaison du forage au Collar/collar	Address/Location where core stored Adresse/endroit où la carotte est stockée	Map Reference No. N° de référence sur la carte	Claim No. N° de concession minière				
Date Hole Started Date de commencement du forage	Date Completed Date d'achèvement	Date Logged Date d'inscription au journal	Logged by Inscrit par		Fl./Pi.			Location (Twp. Lot, Con. or Lat. and Long.) Emplacement (canton, lot, concession, ou latitude et longitude)				
Exploration Co., Owner or Optionee Compagnie d'exploration, propriétaire ou titulaire d'option		Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature)		Fl./Pi.			Property Name Nom de la propriété				
					Fl./Pi.							
					Fl./Pi.							
Footage/Avancement From/De	To/A Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)				Planar Feature Angle/Arête des caractéristiques planes	Core Sample Footage et Longueur en pieds des carottes prisées	Your Sample No. N° d'échantillon du prospecteur	Sample Footage/Niveau de pré- levement de l'échantillon (en pieds)	Sample Length Longueur de l'échantillon	Assays †/Analyses minéralurgiques	
321.75	334.75	TLL LITE GRAY W/RED IRREG SPOTS DUE TO REACTION										
334.75	373.75	STRONGEST 373.75 - 392.75 STRONG - VERY STRONG AGED TALL										
373.75	374.75	TLL LITE GRAY SEQUENC THIN < 1/4" SEQUENC										
374.75	375.75	LT BROWN (DARKER) AMMOLITE SLIMY										
375.75	376.75	SLIME AS DISCUSSED ABOVE FROM INTERV										
376.75	377.75	INTERVENE 376.75 - 377.75										
377.75	END OF HOLE	END OF HOLE 377.75										
377.75		LOGGED BY HERBIE - TECHNELL										
377.75		ET CETERA WILL CONTINUE										
377.75		DECEMBER 11 - 1977										

0204 (03/91)

*Features such as foliation, bedding, schistosity, measured from the long axis of the core.

*Caractéristiques : foliation, stratification, schistosité. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Ministère du Développement du Nord

Diamond Drilling Log

Complete this form and related sketch in duplicates.
Example: an ideal exemplifies the
present formula of the croquis analysis.

Fix it on every page
Reprint our cases &
change page

Page No.
Page No.

Exploratio Co., Caisse d'Options
Compagnie d'exploration, propriété ou titulaire d'options

LAPY SIS - DRIVER
Doris Cates - HELPER

0204 (00-9) "For features such as foliation, bedding, schistosity measured from the long axis of the core.

Exemples de caractéristiques : isolation, adhérence, stratification. L'angle est mesuré par rapport à l'axe carotidocarotidien de la carotide.

[†] Additional credit available. See Assessment Work Registration.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.
Note : Dans cette formule, l'enseignant détermine des normes. Le manuscrit est collé au verso de la page.



Diamond Drilling Log

Explorateur, Gér. ou Optionneur Compagnie d'exploration, propriétaire ou titulaire d'option		Collet Elevation Elevation du collecteur	Bearing of Hole from True North Position of the borehole Boussole de la tige par rapport au nord vrai	Total Length Longueur totale	Dip of Hole at Indication du biseau au caraage	presente fornia et le croquis annexe est chaque page.	Core Reference Number N° de référence pour le carottage	Chart No. N° de cartouche				
		Date of Recovery Date de récupération	Length per core Longeur par cordeau			Address where core sample is sent Adresse où l'échantillon est envoyé						
		Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (Signature)			Comments (Type, Lot, Col., or Lot, and Length) Commentaires (Type, Lot, Col., ou Lot, et Longueur)						
				mm 9								
				mm								
				mm								
				mm								
						Property Name Nom de la propriété						
Footage/Avancement Pieds/Taille		Rock Type Type de roche	Description (Colour, grain size, texture, mineralogical, alteration, etc.) Description (Couleur, granulométrie, texture, minéralogique, transformation, etc.)			Piezometer Auger hole diameter Diamètre de l'écavette	Core Spacing Distance entre échantillons	Tool Sample No. N° d'échantillon de prospecteur	Length Performance de pré- paration de l'échantillon (en pieds) Pieds/Dé Taille	Sample Length Longueur de l'échantillon	Analyses / Analyses minéralogiques	
			<p>THE ROCK INTERVAL AT ONE TIME APPEARED TO HAVE BEEN ORIGINALLY QUITE MASSIVE BUT HAS SINCE BEEN SUBJECTED TO VERY EXTENSIVE DIFFUSIVE AKINE MICRO BRECCIATION - FRACTURING. THESE STRONGLY DEVELOPED FRACTURES APPEARS TO HAVE BEEN IN- FILLED WITH VERY FINE FE CARBONATE MINERALS. THROUGHOUT THE RX CONTAINS VERY FINELY DISSEMINATED SULPHIDES. FOLLOWING THE INTENSE MICRO-BRECCIATION THE ULTRAMAFIC ROCK WAS FURTHER OPEN-FRACTURED - FAULTED AND POSSIBLY LOCALLY SHEARRED. OVERALL THE ENTIRE INTERVAL HAS BEEN SUBJECT TO WEAK TO EXTREMELY STRONGLY TAUVE ALTERED WITH LESS VISIBLE CARBONATE ALTERATION PRESENT. THE MOST INTENSE TAUVE ALTERATION OCCURS AS RANDOMLY DISTRIBUTED THRUOUT OUT THE INTERVAL. THE MOST DISTINCTIVE TAUVE ALTERED ZONES ARE CHARACTERIZED BY BRIGHT YELLOW- YELLOW GREEN - APPLE GREEN COLOR, THE BANDS OF ALTERATION RANGE FROM A FEW MILLIMETERS TO AN INCH.</p> 									

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.

- Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'horizontal longitudinal de la carotte.

[†] Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Diamond Drilling Log Journal de forage au diamant

Complete this form and
related, attach a duplicate.Fill in on every page
Remplir ces cases à
l'aide de cette formule et le croquis annexe à chaque page.Note No.
Forage n°
Plan No.
Page n°

Core Condition	Bearing of hole true to North	True Length of hole	Dip of Hole at bottom of sample	Address/Location where core stored	Map Reference No. or Reference for the core	Claim No.
Core Condition	True Length of hole	True Length of hole	True Length of hole	Address/Location where core stored	Map Reference No. or Reference for the core	Claim No.
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)				
Compagnie d'exploration, propriétaire ou titulaire d'option	Date de dépôt	Déposé par (signature)				
			PLP#			
			PLP#			
			PLP#			
			PLP#			

Footage/Avancement	Rock Type	Description (Colour, grain size, texture, mineralogy, alteration, etc.)	Polar Pattern Angle Vége des gisements de plomb	Core thickness	Core Sample No.	Sample Description	Sample Length	Assays / Analyses minéralogiques
From/De	To/A	Description (Couleur, granulométrie, texture, minéralogie, transformation, etc.)	Angle Vége des gisements de plomb	Femps 1 (longeur en place des couches pénétrées)	N° d'échantillon de pénétration	Méthode de détermination des éléments	Longueur de l'échantillon	
		TO SEVERAL FEET IN LENGTH. - FILLING THE TAUPE ALTERATION THE ROCKS - HAVE BEEN SUBJECT TO FURTHER OPEN FRACTURING - CAUSED BY THE EMPOACEMENT OF HIGHLY IRRE - SHARPLY FORMED Fe CARBONATE STRING - LIKE VEINS THESE STRINGER-VEINS HAVE - BEEN CROSS CUT BY A MULTIPLE OF NARROW < 1" WIDE, OVERLAP < 1/4" WIDE BLUE GREEN TO NEARLY BLACK ASBESTOS LIKE MINERAL VEINS AND STRING-VEINS. THE FINE GRAINED ASBESTOS FORM MINERAL VETTING ARE OFTEN ASSOCIATED WITH FINE GRAINED CARBONATE MINERAL, ALSO ASSOCIATED WITH F.G. GREEN - BLACK MAGNETITE, SEAMS WITH SOME MINOR LOCAL - IS 3:4 COARSER GRAINED INCLUSIONS OF PYRRO - HOGNETITE.						
		IN THE UPPER MOST PARTS OF THE INTERVAL MOST NOTABLY FROM 17.70 - 15' +1', THERE ARE VERY NUMEROUS OPEN FRACTURES THAT SHOW A LOT OF GROUND UP TO SOME 10' FEET FRAGMENTS OF						

(cont'd)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.

*Exemples de caractéristiques : foliation, bedding, schistosité, mesurée à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Note : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Diamond Drilling Log

Journal de forage au diamant

Complete this form and related sheet(s) in duplicate.

Remplir en deux exemplaires la présente forme et la croquis annexes.

Fill in every page.
Remplir ces cases à chaque page.Hole No.
Forage n°
Page No.
Page n°
4

	Colt Elevator Elevateur du collet	Bearing of hole Orientation de la carotte	Total Footage Longueur totale du forage	Dip of Hole at Inclinaison de la carotte	Address/Location where core stored Adresse/lieu où les échantillons sont conservés	Map Reference No. N° de référence sur la carte			
	Date Logged Date d'enregistrement du journal	Logged by Enregistré par		PLATE		Claim No. N° de concession délivrée			
	Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature)		PLATE		Location Name, Lot, Concession Name Nom de l'endroit, lot, N° de concession			
				PLATE		Property Name Nom de la propriété			
				PLATE					
Footage/Avancement: From/De To/A	Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)		Plane Test Angle/ Angle des coups/angle des coupes	Cone Spindles Pentage / Inclinaison ou pente des échantillons préparés	Core Sample No. N° d'échantillon des préparations	Sample Footage/Prise de pa- gevement de l'échantillon (en pieds) From/De To/A	Sample Length/ Longueur de l'échantillon	Assays / Analyses minéralogiques
		LIGHT GREEN TO YELLOW GREEN F.G. TALC MINERAL, PROBABLY ASSOCIATED WITH SOME GROUND UP CARBONATE MINERALS.							
		THE MOST NOTABLE TALC ALTERED, ASBESTOS FORM VEINS OCCURS AT THE FOLLOWING INTERVALS;							
		124.50 - 120.50 BAND OF MODERATE TO STRONG PREVIOUSLY MED-DARK GREEN TALC ALTERATION.		7777 127 ⁶ 130	2 ⁴				
		(REDUCED) ALTERATION 167.00 +/- 186.60 SEVERAL - DISSOLVING BANDS OF MODERATE TO VERY STRONG TALC ALTERATION		7778 167 170	3				
		THE ALTERED HOST ROCK CONTAINS THE USUAL CARBONATE ASBESTOFORM MINERAL VENES		7779 170 175	5				
		(VERY STRONG) ALTERATION 186.60 - 216.60 BAND OF VERY STRONG TO VERY INTENSE GREEN TALCOSIC ALTERED, WITH A NUMEROUS WIDE		7780 175 178	3				
		1.1" WIDE BLUE GREEN ASBESTOFORM MINERAL VEINS AND STRINGERS WITH SOME FINE GRAINED MAGNETITE DISSEMINATIONS AND (TRACE FINELY DISS'D PYRITIC		7781 178 181	3				
		SEAMS. THERE IS A VERY STRONGLY OPEN FRACTURED SECTION MOST NOTABLY FRON APPROX 187.50 - 197.00 +/-		7782 181 184	3				
		7783 184 187	3						
		7784 187 189	2						
		7785 189 191	2						

Total (ft)

* For features such as tabulation, bedding, schistosity, measured from the long axis of the core.

Exemples de caractéristiques : tabulation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Note : Dans cette forme, lorsque il désigne des personnes, le masculin est utilisé au sens neutre.

Ministry of
Northern DevelopmentMinistère du
Développement du Nord
et des MinesDiamond
Drilling
LogJournal de
forage au
diamantComplete this form and
related sketch in duplicate.Remplir en deux exemplaires la
présente forme et le croquis associé.FBI in on every page
Remplir ces cases à
chaque page.Note No.
Forage n°
Page No.
Page n°
5

SEP 14 '98 18:55

Explorateur Col. Owner or Options
Compagnie d'exploration, propriétaires ou titulaire d'optionDate Log Started
Date de début du journal

Color Description Description du coloré	Grain Size Taille des grains	Fabrication Fabrication	Date of Note Date de la note	Location Lieu
Dark Brown Marron foncé	Very fine Très fin	Hand	1998-09-14	1000 ft. SSW of Pointe du Lac 1000 ft. SSW of Pointe du Lac
Dark Brown Marron foncé	Very fine Très fin	Hand	1998-09-14	1000 ft. SSW of Pointe du Lac 1000 ft. SSW of Pointe du Lac
Dark Brown Marron foncé	Very fine Très fin	Hand	1998-09-14	1000 ft. SSW of Pointe du Lac 1000 ft. SSW of Pointe du Lac
Dark Brown Marron foncé	Very fine Très fin	Hand	1998-09-14	1000 ft. SSW of Pointe du Lac 1000 ft. SSW of Pointe du Lac

Description (Colour, grain size/size, texture, minerals, alteration, etc.)
Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)Submitted by/Deposité par
Déposé par (signature)Date Submitted
Date de dépôt

PLR

PLR

PLR

PLR

PLR

Address/Localité where core stored
Adresse/localité où le corail est stocké

Archaeological, oil correct or radioactive

Map Reference/Marque
N° de référence sur la carteClaim No./
N° de concession n°Location (True Lat, True or Lst. and Long)
Emplacement (Latitude, lat. corrigée, ou latitude et longitude)

Explanations (see, for instance, the caption, or table of contents)

Property Name
Nom de la propriété

Footage/Avancement From/De	To/A To/A	Description (Colour, grain size/size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Rock Type Type de roche	Notes/Notes Aperçu/Aspects des roches rencontrées	Core Specimens Fossils / Fossiles en place des roches pénétrées	Type Sample Rec'd N° d'échantillon du prospecteur	Sample Fossils Known to Exist at the location (en place)	Sample Length Longueur de l'échantillon	Bore Length Longueur de l'affleurement	Assays # / Analyses métallogéniques
(REDUCED)	216'-0" - 276"-0"	VERY SIMILAR → THE INTERVAL WHICH				TR82	191	193	2	
BANDS OF ALTERATION >	WAS DISCRIBED FROM 16'-0" - 186'-6". THIS VISIBLY					7787	193	195	2	
(WIDE ZONE)	BUT REDUCED BAND OF ALTERATION HAS BEEN INTRODUCED BY AN INCIDENCE VOLCANIC = WELL DEVELOPED BLUE-GREEN ASBESTOFORM MINERAL & TURN-VEINS ASS'D CARBONATE AND F.G. IN SIGNEETTE. THE VEINS X-CUT THE TALL BRECCIA RX IN ALL DIRECTIONS. SOME OF THE ASBESTO FORMED MINERALS → VEINS HAVE INFILLED SOME OF THE BRECCIATED RX'S THE ALTERNATING NARROW BANDS OF MODERATE -					7788	195	197	2	
	INTENSE TALL ALTERATION IS SEPERATED BY SOMETHING FRESHER LOOKING, BUT BRECCIATED "ULTRAMAFIC RX".					7789	197	199	2	
STRONG	216'-0" - 285", THIS SHORTER INTERVAL IS VERY					7790	199	201	2	
TO HIGH	SIMILAR TO THE ALTERED SECTION DESCRIBED FROM 186'-6" - 216'-6".					7791	201	203	2	
TO HIGH	291'-0" - 304"-0" VERY STRONG TO VERY INTENSE BAND OF TALL ALTERATION. WITHIN THE SECTION					7792	203	205	2	
	THE RX HAS BEEN FRAC'D EG. INFILLED WITH					7793	205	207	2	
						7794	207	209	2	
						7795	209	211	2	
						7796	211	213	2	
						7797	213	216	3	
						7798	216	219	3	
						7799	219	222	3	
						7800	222	225	3	
						20367	225	228	3	

*For bedding, foliation, folding, schistosity, measured from the long axis of the zone.

For bedding, foliation, folding, schistosity, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Nota : Dans cette forme, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

705 363 2169

PAGE .07



Ministry of
Northern Development
Ministère du
Développement du Nord
et des Mines

Diamond Journal de
Drilling forage au
Log diamant

Complete this Form and
related sketch in duplicate.
Remplir en deux exemplaires la
présente forme et le croquis annexe.

Fill in on every page
Remplir ces cases à
chaque page

Hole No.
Forage n°
Page No.
Page no.

Footage/Avancement	Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	From/De	To/A	From/De	To/A	From/De	To/A	From/De	To/A	Assays / Analyses minéralogiques
		(CARBONATED - FRAGMENTED TALK RICH MYLONITIC ROCK EMPLACED VENINS HAVE BEEN VISIBLE) SHEDDED → GOUGE - KE, ALIGNED AT 60° TO A, SOME OF THE FOLIOLATION IS THE ALTERED - MYLONITIC SECTION 1: VERY FINE SLEEVES. DISS'D SULPHIDE ZONE>					20368	228	231	3	
		304 - 307.25 VERY FINE NARROW DISS'D PYRITE, PROBABLY LESS THAN 10% BY VOLUME, FINELY DISS'D TO A FEW IRREGULAR STRINGERS OF VERY FINE GRAINED PYRITE, TRACE CHALCOPYRITE, THERE ARE SEVERAL AREAS WITHIN THE INTERVAL THAT SHOW SOME WELL DEVELOPED DEEP BLUE-PURPLE POSSIBLY? COPPER STAINING. SOME MINOR SMUDGINGS OF PYRITE / PYRHOHITE NOTED ON SOME OF THE FRACTURE SURFACES.					20369	231	234	3	
307.25 330.00	INTERBEDDED FELSIC / METAVOLCANIC	MEDIUM TO DARK GREY, FINE TO MEDIUM GRAINED, SOMETIME IRREGULARLY TEXTURED, RX APPEARS TO BE MADE UP OF HIGHLY IRREGULARLY SIZED FELSIC, → LIGHT GREY CRYSTAL - LITTLE VOLCANIC FRAGMENTS.					20370	234	237	3	
							20371	237	240	3	
							20372	240	243	3	
							20373	243	246	3	
							20374	246	249	3	
							20375	249	252	3	
							20376	252	255	3	
							20377	255	258	3	
							20378	258	261	3	
							20379	261	264	3	
							20380	264	267	3	
							20381	267	270	3	
							20382	270	273	3	
							20383	273	276	3	
							20384	276	279	2	
							20385	278	280	2	
							20386	280	282	2	

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Extended angle measured from foliation, schistosity, stratification. L'angle étendu mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Note : Dans cette formule, lorsqu'il désigne des parallèles, le mot "schist" est utilisé au sens neutre.

Ministry of
Northern Development
and MinesMinistère du
Développement du Nord
et des Mines

Diamond Drilling Log JOURNAL DES FORAGEURS DIAMANT

Exploration Co., Owner of Options
Compagnie d'exploration, propriétaire ou titulaire d'option

Color Description	Length of hole from bottom of hole to top of core	Total Footage Avancement total de la carotte	Dip of Hole et Inclination du forage au fond de la carotte
Date Logged Date d'enregistrement	Date of Core Recovery Date de récupération des échantillons		PLUN
Date Submitted Date de dépôt	Submitted by (Signature) Déposé par (signature)		PLUN
			PLUN
			PLUN

Complete this form and related sketches in duplicate.

Plempir en deux exemplaires le formulaire. Remplir les croquis associés.

Fill in on every page
Remplir ces cases à chaque page.

Hole No. Forage n°

Page num. Page n°

Address/Location where core stored -
Adresse/Emplacement où la carotte est stockée -

Map Reference No. N° de référence sur la carte

Claim No. N° de concession

Location (Proj. Lot, Con. or Lat. and Long.) Emplacement (carré, lot, concession, ou latitude et longitude)

Property Name Nom de la propriété

Footage/Avancement	Pack Type Type de roche	Description (Color, grain size, texture, minerals, alteration, etc.) Description (Couleur, taille, granulométrie, texture, minéraux, transformation, etc.)	Piece Number Numéro de la pièce	Cores Specimen Longueurs des échantillons prélevés	Yield Sample No. N° d'échantillon de préparation	Sample Preparation/Preparation of the specimen (in feet) Préparation de l'échantillon (en pieds)	Sample Length Longueur de l'échantillon	Assays / Analyses minéralogiques
From/TD	TdA		From/TD	TdA	From/TD	TD	From/TD	TdA
		THIS RX MAY ALSO REPRESENT A AN ALTERED "FELDSPAR PORPHYRY"? RX SHOWS A MILD FOLIATION @ 70° T. I.E. → WEAKLY SHEARED. THERE ARE A FEW NARROW GREEN WHITE Qtz- CARBONATE VEIN UP TO 2.25", MOST < 1/4". THERE ARE A FEW LIGHT GREEN FG. SILICEOUS <COPPER STAINED> FRACTURE INFILLINGS. E HEMATITE/MAGNETITE SWEDDINGGS. THERE ARE SEVERAL FRACTURE SURFACES THAT SHOW SOME BLUE-GREEN COPPER? STAINING. RX HAS UNDEGONE SOME VISIBLE ALTERATION THROUGH OUT.			20387	282	286	4
					20388	286	289	3
					20389	289	292	3
					20390	292	295	3
					20391	295	297	2
					20392	297	299	2
					20393	299	301	2
					20394	301	303	2
					20395	303	305	2
					20396	305	307.5	2.5
					20397	307.5	310	2.5
					20398	310	313	3
					20399	333	338	3
					20400	341	345	4
330.00	351.60	ULTRAMAFIC INTRUSIVE.	VERY SIMILAR TO LAYER, VARIES FROM COARSE TO VERY FINE GRAINED. APPEARS TO BE CHILLED MARGINS TOWARDS THE LOWER PORT OF THE INTERVAL. THE UPPER PARTS OF THE INTERVAL HAS BEEN INTENSIVELY MICROFRACTURED & INFILLED WITH FG CARBONATE MINERALS. VERY LITTLE PREVIOUSLY CORR-TYPE ALTERATION EXCEPT WITHIN A FEW ISOLATED OPEN FRACTURES IN THIS RX.					
705.363	716.9							

204 (cont)

*For features such as foliation, bedding, schistosity, measured from the longitudinal axis of the core.

*Exemples de caractéristiques : foliation, couchement, schistosité, mesuré per rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Note : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Ministry of Northern Development and Mines		Ministère du Développement du Nord et des Mines		Diamond Drilling Log	Journal de forage au diamant	Complete this section and related sections twice duplicate. Remplir ce tableau et les sections qui l'accompagnent deux fois.		Fill in on every page. Remplir ces cases à chaque page	Hole No. Forage n°	Page No. Page n°	
Company Nom de l'entreprise		Collar Elevation Élévation du collier	Bearing of hole from true North/BéARING DU FORAGE par rapport au nord vrai	Total Footage Avancement total du forage	Dip of Hole et Inclinaison du forage au	Addres/Adresse où le forage a été creusé Adress/Endroit où le forage a été creusé	Map Reference No. N° de référence sur la carte	Claim No. N° de concession, si applicable			
Métier/Artisanat Avancement du forage		Date Logged Date d'enregistrement	Date Logged Date d'enregistrement au journal	Logged by Recensé par	PLATE			Location (Twp., Lat., Long.) Emplacement (canton, lat., longitude)			
Co., Owner or Optionee d'exploration, propriétaire ou titulaire d'option		Date Submitted Date de dépôt		Submitted by (Signature) Déposé par (signature)	PLATE			Property Name Nom de la propriété			
Avancement TDA		Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)			Foraminifères Anglais/anglais des échantillons pris	Date Number Numéro d'échantillon par ordre chronologique du plus récent au plus ancien	Foram Sample No. N° d'échantillon des foraminifères	Sample Footprint/Pré- paration de l'échantillon en place From/De	Sample Length/ Longueur de l'échantillon	Assays & Analyses minéralogiques
			346.50 - 351.60 RX APPEARS TO HAVE UNDERGONE ZONE FINE GROINED DISSEMINATED BIOTITE ALTERATION, TRACES OF FINE DISS'D PYRITIC NODED IN A FEW LOCATIONS. MANY OF THE OPEN FRACTURE SURFACES SHOW DEEP BLUE-PURPLE COPPER? STAINING.					663801	341	346	5
								663802	347	353	6
								663803	355	357	2
								663804	357	360	3
								663805	360	363	3
								663806	363	366	3
								663807	364	369	3
								663808	369	372	3
								663809	372	375	3
								663810	375	378	3
								663811	378	380	3
								663812	380	383	
								663813	382	384	
								663814	384	387	
								663815	387	391	
								663816	391	394	

* For lectures such as foliation, bedding, schistosity, measured from the long axis of the core.

* Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credits available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

Ministry of
Northern DevelopmentMinistère du
Développement du NordDiamant
Drill LogJournal de
forage au
diamant

Complete this form and
related sheets in duplicate.
Remplir en deux exemplaires la
présente forme et le croquis annexé.

Fill in on every page
Remplir ces cases à
chaque page

Hole No. Forage n°	Date Date
-----------------------	--------------

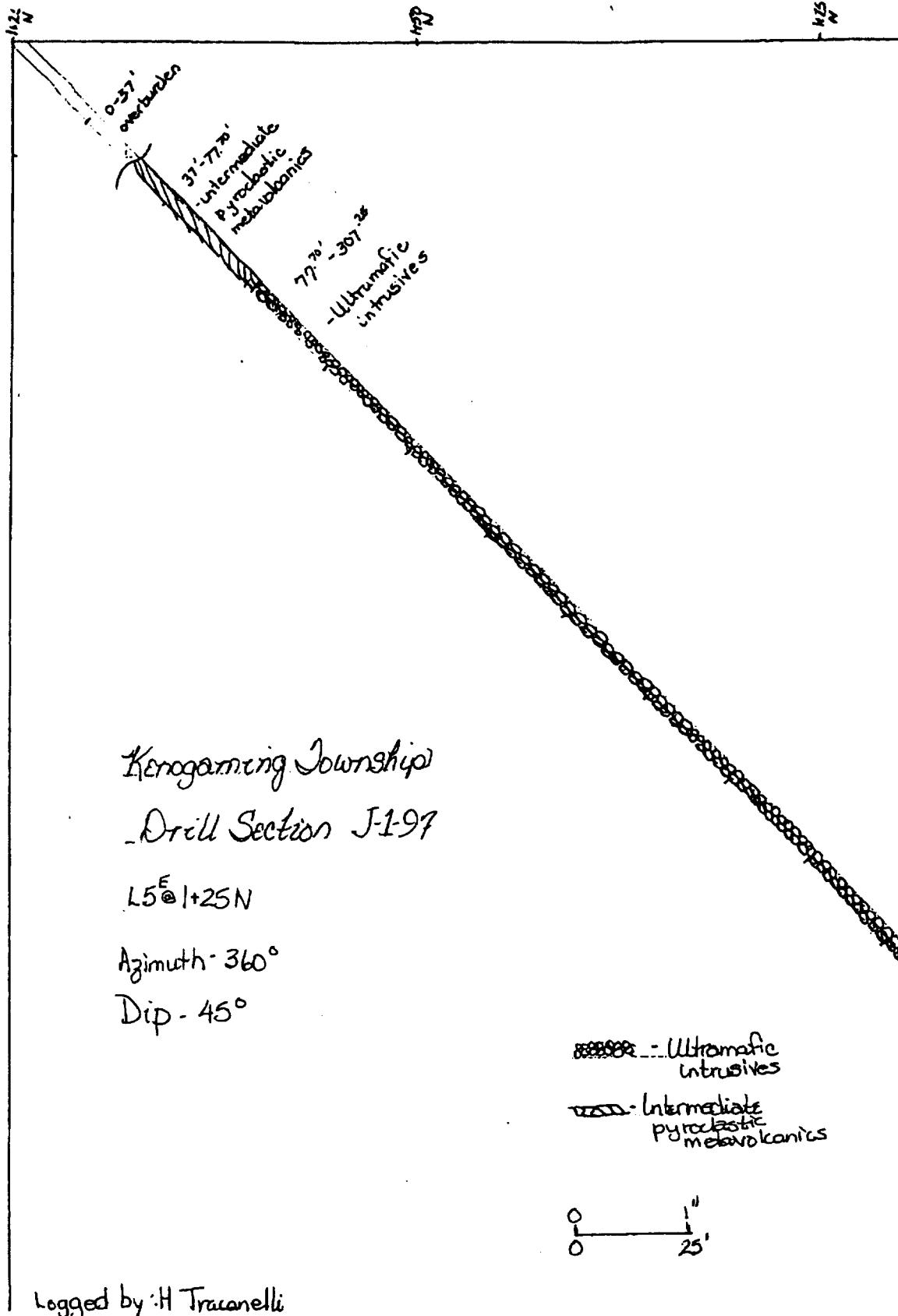
Footage/Avecmement From/De	Rock Type Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)		Payer Feature Aspect/Caractéristique des caractéristiques	Core Fraction Frac/Type/Longueur de la fraction et de la longueur	Top Sample No. N° d'échantillon de prospecter	Sample Fraction/Ways de pa- rcher ou d'élèver (en pieds) Prise de	Sample Length Longueur de l'échantillon To/A	Assays / Analyses, valeur élégia-
		Days Submitted Jours de dépôt	Submitted by (Signature) Déposé par (signature)						
			PLUR						
			PLUR						
378.00	TALL ALTERATION NOTED THROUGH OUT THE INTERVAL, STRONGEST 378.00 - 392.75 STRONG-VERY STRONG GREEN TALL								
392.75	ALTERATION SECONDARY THIN <1/4" SECONDARY TALC CAPS VERY THICK WITHIN SECTION.								
394.00	SAME AS DESCRIBED ABOVE FROM INTERVAL INTERVAL: 390.00 - 394.00								
394.00	END OF HOLE LOGGED BY: HAROLD J TROCANELLI AT: CEDAR HILL, ONTARIO.								
	DECEMBER 17/87.								

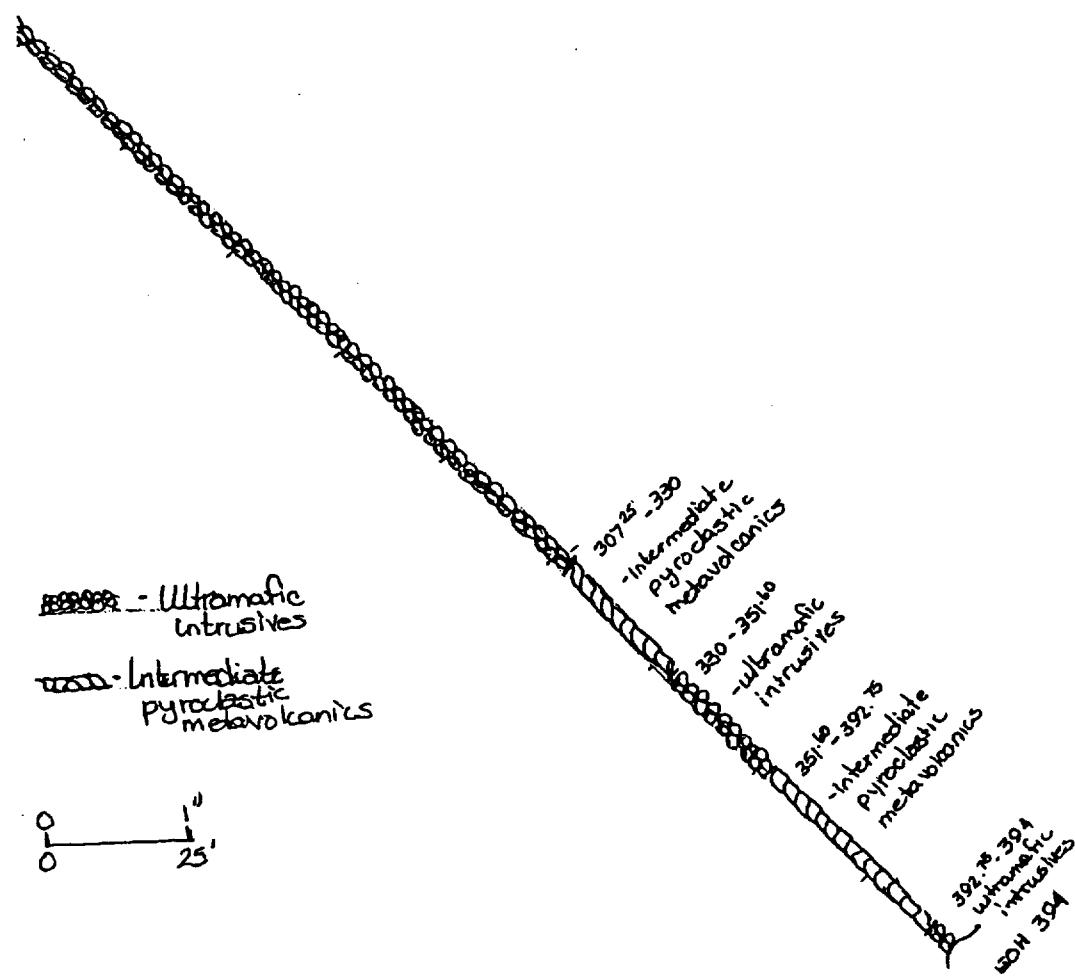
Footage/Avecmement : foliation, bedding, schistosity, measured from the long axis of the core.
Distance/avecemement : foliation, schistosité, mesurée de l'axe longitudinal de la carotte.
Angle : angle géologique : foliation, schistosité, obliquité. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.
Note: Dans cette forme, lorsqu'il désigne des personnes, le masculin est utilisé au sens large.

DRILL SECTION





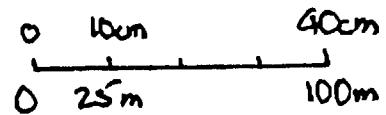
*4 Post
CLAIM
12R070

A-Z

DRILL HOLE
J-1-97

LSE @ 125°N

A₃ 360°
Dip 45°



07

917

327

337

347

357

BLO

ASSAYS



SWASTIKA LABORATORIES

A Division of Assayers Corporation Ltd.

Established 1928

Assaying - Consulting - Representation

Page 1 of 3

Assay Certificate

7W-5072-RA1

Company: J. SALO

Date: DEC-31-97

Project:

Attn: J. Salo

We hereby certify the following Assay of 81 Core samples
submitted DEC-19-97 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	Ni %	Pt g/tonne	WRA -	Multi-Element
Series L 20367	0.02	-	-	-	-	Results	Results
Series L 20368	0.38	0.37	-	-	-	to follow	to follow
Series L 20369	0.01	-	-	-	-		
Series L 20370	Nil	Nil	-	-	<0.01		
Series L 20371	0.01	-	-	-	-		
Series L 20372	0.01	-	-	-	-		
Series L 20373	0.01	-	-	-	-		
Series L 20374	0.01	-	-	-	<0.01		
Series L 20375	0.01	-	-	-	-		
Series L 20376	Nil	-	-	-	-		
Series L 20377	Nil	-	-	-	<0.01		
Series L 20378	0.01	-	-	-	-		
Series L 20379	Nil	0.01	-	-	-		
Series L 20380	Nil	-	-	-	-		
Series L 20381	0.01	-	-	-	<0.01		
Series L 20382	0.01	-	-	-	-		
Series L 20383	Nil	-	-	-	<0.01		
Series L 20384	Nil	-	-	-	-		
Series L 20385	Nil	-	-	-	<0.01		
Series L 20386	Nil	-	-	-	-		
Series L 20387	0.01	-	-	-	-		
Series L 20388	Nil	-	-	-	<0.01		
Series L 20389	Nil	-	0.001	-	<0.01		
Series L 20390	Nil	0.01	-	-	-		
Series L 20391	Nil	-	-	-	-		
Series L 20392	0.01	-	-	-	-		
Series L 20393	Nil	-	-	-	-		
Series L 20394	Nil	0.01	-	-	-		
Series L 20395	0.01	-	0.045	-	-		
Series L 20396	Nil	-	0.004	-	<0.01		

One assay ton portion used for gold.

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 3

Assay Certificate

7W-5072-RA1

Company: J. SALO

Date: DEC-31-97

Project:

Attn: J. Salo

We hereby certify the following Assay of 81 Core samples
submitted DEC-19-97 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	Ni %	Pt g/tonne	WRA	Mult-Element
Series L 20397	Nil	-	-	-	-	-	
Series L 20398	Nil	-	-	-	-	-	
Series L 20399	Nil	Nil	-	-	<0.01	-	
Series L 20400	0.01	-	-	-	<0.01	-	
Series X 7770	0.01	-	-	-	-	-	
Series X 7771	0.01	-	-	-	-	-	
Series X 7772	0.01	-	-	-	-	-	
Series X 7773	0.01	-	-	-	-	-	
Series X 7774	0.01	-	-	-	-	-	
Series X 7775	0.01	-	-	-	-	-	
Series X 7776	Nil	-	-	-	-	-	
Series X 7777	Nil	-	-	-	-	-	
Series X 7778	0.01	-	-	-	<0.01	-	
Series X 7779	0.01	Nil	-	-	<0.01	-	
Series X 7780	0.01	-	-	-	-	-	
Series X 7781	Nil	-	-	-	-	-	
Series X 7782	Nil	-	-	-	-	-	
Series X 7783	0.01	-	-	-	-	-	
Series X 7784	0.01	-	-	-	-	-	
Series X 7785	Nil	-	-	-	-	-	
Series X 7786	0.01	-	-	-	<0.01	-	
Series X 7787	0.01	-	-	-	-	-	
Series X 7788	0.01	0.01	-	-	-	-	
Series X 7789	Nil	-	-	-	-	-	
Series X 7790	Nil	-	-	-	-	-	
Series X 7791	Nil	-	-	-	<0.01	-	
Series X 7792	0.01	-	-	-	-	-	
Series X 7793	Nil	-	-	-	-	-	
Series X 7794	0.01	-	-	-	-	-	
Series X 7795	0.01	-	-	-	-	-	

One assay ton portion used for gold.

Certified by _____



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 3

Assay Certificate

7W-5072-RA1

Company: J. SALO

Date: DEC-31-97

Project:

Attn: J. Salo

We hereby certify the following Assay of 81 Core samples
submitted DEC-19-97 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	Ni %	Pt g/tonne	WRA -	Mult-Element
Series X 7796	Nil	-	-	-	<0.01		
Series X 7797	0.01	-	-	-	-		
Series X 7798	0.01	-	-	-	-		
Series X 7799	Nil	-	-	-	-		
Series X 7800	Nil	-	-	-	<0.01		
663801	Nil	-	-	-	<0.01		
663802	0.01	-	-	-	-		
663803	Nil	Nil	-	-	<0.01		
663804	0.01	-	-	-	-		
663805	Nil	-	0.001	-	<0.01		
663806	Nil	-	-	-	-		
663807	Nil	-	-	-	-		
663808	0.01	-	-	-	-		
663809	Nil	-	-	-	-		
663810	Nil	-	-	-	-		
663811	Nil	-	0.001	-	-		
663812	0.01	-	-	-	-		
663813	Nil	-	-	-	-		
663814	Nil	0.01	-	-	-		
663815	0.01	-	-	0.201	<0.01		
663816	0.07	-	-	0.211	-		

One assay ton portion used for gold.

Certified by

TSL\ASSAYERS Laboratories

JOE-ANNE SALO

ATTN: J.A. Salo
SAMPLE: CORE
7W-5072-RA11270 PEMBSTER DRIVE, UNIT 3, MISSISSAUGA ONTARIO L4W 1X4
PHONE #: (905) 602-8236 FAX #: (905) 206-0513REPORT NO. : M9684
Page No. : 1 of 1
File No. : JAD2RA.DW
Date : JUN-05-1998

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium Metaborate Fusion

SAMPLE #	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	TiO ₂	MnO	P ₂ O ₅	Ba	Sr	Zr	Y	Sc	Nb	Be	Ni	Cr	Cu	V	Co	Zn	LOI	TOTAL
	%	%	%	%	%	%	%	%	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%
SERIES L 20388	38.20	0.28	6.55	0.01	39.05	<0.01	0.02	0.02	0.14	<0.02	20	< 10	10	< 2	6	< 30	< 1	3285	1735	< 5	< 5	115	20	15.44	99.70
SERIES L 20395	36.07	12.96	5.12	0.25	30.50	0.03	1.42	0.51	0.28	0.22	390	60	120	12	11	< 30	< 1	130	130	400	60	20	125	12.32	99.76
SERIES L 20399	33.74	0.43	7.34	0.23	38.96	<0.01	0.04	0.02	0.12	<0.02	30	20	10	2	5	< 30	< 1	2825	1085	5	5	100	15	18.63	99.70
SERIES L 20400	34.24	0.22	6.86	1.31	38.33	<0.01	<0.02	0.01	0.13	<0.02	30	130	20	< 2	5	< 30	< 1	2630	1085	< 5	< 5	100	25	18.57	99.69
663801	41.12	11.55	8.29	2.67	22.30	0.60	2.82	1.09	0.11	0.70	1060	250	170	20	18	< 30	2	325	350	30	130	35	70	8.14	99.80
663803	37.43	12.40	11.50	1.66	22.47	0.31	4.60	1.23	0.09	0.88	1610	190	200	26	21	< 30	3	520	425	10	140	50	85	7.30	99.88
663805	34.48	1.51	5.66	3.80	31.96	0.04	0.16	0.07	0.12	<0.02	20	380	< 10	< 2	5	< 30	< 1	1680	850	10	< 5	70	10	21.98	99.79
663811	28.91	0.40	5.38	1.23	39.06	<0.01	<0.02	0.01	0.16	<0.02	20	80	< 10	< 2	4	< 30	< 1	2235	980	10	< 5	165	10	24.59	99.76
663816	34.32	0.24	7.03	0.37	38.27	0.02	<0.02	0.01	0.10	<0.02	20	80	< 10	< 2	5	< 30	< 1	2610	1120	< 5	< 5	60	10	19.33	99.68

SIGNED :



JOE ANNE SALO

ATTN: J.A. Salo
SAMPLE: CORE
7W-5072-RA11270 FENSTER DRIVE, SUITE 1
PHONE #: (905) 602-8236 FAX #: (905) 206-0513File No. : JA900144
Date : JAN-08-1998I.C.A.P. PLASMA SCAN
Aqua-Regia Digestion

SAMPLE #	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	Mn	Mo	Na	Ni	P	Pb	rb	Sc	Sn	Sr	Tl	V	W	Y	Zn	Zr.
	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
SERIES L 20370	< 1	0.04	75	20	3 < 1	10	0.12	< 1	96	365	< 1	5.47	4.15	491	< 2<0.01	999	18	12 < 5	3 < 10	6	51	< 1 < 10	< 1	26	< 1					
SERIES L 20377	< 1	0.03	65	20	3 < 1	10	0.31	< 1	88	551	< 1	5.15	3.95	797	< 2<0.01	999	20	7 < 5	2 < 10	10	33	< 1 < 10	1	25	< 1					
SERIES L 20383	< 1	0.03	70	20	2 < 1	10	0.25	< 1	78	457	< 1	4.93	4.08	382	< 2<0.01	999	14	9 < 5	3 < 10	4	22	< 1 < 10	3	24	< 1					
SERIES L 20385	< 1	0.03	10	20	3 < 1	5	0.08	< 1	71	386	< 1	4.23	4.02	408	< 2<0.01	999	22	9 < 5	3 < 10	3	16	< 1 < 10	< 1	23	1					
SERIES L 20388	< 1	0.03	40	20	4 < 1	5	0.14	< 1	103	440	< 1	3.56	4.12	866	< 2<0.01	999	22	6 < 5	3 < 10	4	21	< 1 < 10	1	18	16					
SERIES L 20395	2	6.12	45	10	244	< 1	5	0.30	< 1	19	77	419	3.01	3.93	1526	< 2<0.03	77	650	17 < 5	5 < 10	35	902	37 < 10	4	93	4				
SERIES X 7776	< 1	0.17	25	30	2 < 1	10	0.73	< 1	118	612	15	4.16	4.38	884	< 2<0.01	999	12	5 < 5	2 < 10	48	87	< 1 < 10	1	22	< 1					
SERIES X 7779	< 1	0.05	30	20	4 < 1	5	0.15	< 1	86	272	< 1	3.89	3.92	860	< 2<0.01	999	26	8 < 5	2 < 10	4	46	< 1 < 10	< 1	20	< 1					
SERIES X 7786	< 1	0.03	50	10	2 < 1	5	0.05	< 1	66	154	< 1	1.98	3.83	758	< 2<0.01	999	6	5 < 5	2 < 10	3	47	< 1 < 10	< 1	15	6					
SERIES X 7791	< 1	0.02	5	20	2 < 1	5	0.31	< 1	103	198	< 1	3.97	4.02	535	< 2<0.01	999	24	7 < 5	2 < 10	4	21	< 1 < 10	1	22	< 1					
SERIES X 7796	< 1	0.05	40	20	2 < 1	5	0.32	< 1	93	187	< 1	4.49	4.03	473	< 2<0.01	999	14	8 < 5	2 < 10	6	46	< 1 < 10	1	32	< 1					
SERIES X 7800	< 1	0.05	50	20	4 < 1	5	0.11	< 1	82	312	< 1	3.99	3.93	756	< 2<0.01	999	20	9 < 5	2 < 10	7	60	< 1 < 10	2	25	< 1					
663805	< 1	0.43	55	10	6 < 1	5	4.00	< 1	61	410	7	2.24	3.14	721	< 2<0.02	999	24	5 < 5	2 < 10	374	57	< 1 < 10	1	10	5					
663815	< 1	0.03	45	10	1 < 1	5	0.83	< 1	84	423	< 1	3.36	3.92	716	< 2<0.01	999	14	6 < 5	< 1 < 10	43	30	< 1 < 10	3	16	< 1					
663816	< 1	0.02	40	10	2 < 1	5	0.57	< 1	55	261	< 1	3.26	3.50	718	< 2<0.01	999	2	9 < 5	< 1 < 10	79	25	< 1 < 10	< 1	13	< 1					

A .5 gm sample is digested with 2 ml of 3:1 HCl/HNO3
at 95 C for 120 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

SIGNED :



Intertek Testing Services
Chimitec Bondar Clegg

Rapport Lab Geochimie
Geochemical Lab Repor

REPORT: T97-57896.0 (COMPLETE)

REFERENCE: -

CLIENT: JOE-ANNE G. SALO

SUBMITTED BY: E.MORD

PROJECT: SALO

DATE RECEIVED: 13-NOV-97 DATE PRINTED: 9-DEC-97

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
971120 1 Au	Gold - Fire Assay	5	1 PPB	FIRE ASSAY	FIRE ASSAY-DCP	971120 37 Ta	Tantalum	5	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP.
971120 2 Pt	Platinum	5	5 PPB	FIRE ASSAY	FIRE ASSAY-DCP	971120 38 Ti	Titanium	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP.
971120 3 Pd	Palladium	5	1 PPB	FIRE ASSAY	FIRE ASSAY-DCP	971120 39 Zr	Zirconium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP.
971120 4 Cu	Copper	5	1 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION						
971120 5 Ni	Nickel	5	2 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION						
971120 6 Ag	Silver	5	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 7 Cu	Copper	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA		ROCK	5	-150		5 CRUSH, SPLIT PULVERIZATION
971120 8 Pb	Lead	5	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 9 Zn	Zinc	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 10 Mo	Molybdenum	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 11 Ni	Nickel	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 12 Co	Cobalt	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 13 Cd	Cadmium	5	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 14 Bi	Bismuth	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 15 As	Arsenic	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 16 Sb	Antimony	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 17 Fe	Iron	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 18 Mn	Manganese	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 19 Te	Tellurium	5	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 20 Ba	Barium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 21 Cr	Chromium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 22 V	Vanadium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 23 Sn	Tin	5	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 24 W	Tungsten	5	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 25 La	Lanthanum	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 26 Al	Aluminum	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 27 Mg	Magnesium	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 28 Ca	Calcium	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 29 Na	Sodium	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 30 K	Potassium	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 31 Sr	Strontium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 32 Y	Yttrium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 33 Ga	Gallium	5	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 34 Li	Lithium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 35 Nb	Niobium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
971120 36 Sc	Scandium	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						

REPORT COPIES TO: MS JOE-ANNE G. SALO

INVOICE TO: MS JOE-ANNE G. SALO

This report must not be reproduced except in full. The data presented in thi report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated

ITS
Intertek Testing Services
Chimitec **Bondar Clegg**
Rapport Lab Geochimie
Geochemical Lab Report

CLIENT: JOE-ANNE G. SALO

REPORT: T97-57896.0 (COMPLETE)

PROJECT: SALO

DATE RECEIVED: 13-NOV-97

DATE PRINTED: 9-DEC-97

PAGE 1 OF 2

SAMPLE NUMBER	ELEMENT	Au	Pt	Pd	Cu	Ni	Ag	Cu	Pb	Zn	Mo	Ni	Ca	Cd	Bi	As	Se	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
	UNITS	PPB	PPB	PPB	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PCT	PPM													
7755		4	19	18	254	27	<.2	231	4	17	<1	24	25	<.2	<5	<5	<5	3.67	404	<10	17	25	111	<20	<20	4	3.11	1.08	4.86	<.01	<.01	14	10	<2	20	3	<5	<10	0.35	24
7757		5	16	15	103	114	<.2	86	<2	18	9	96	25	<.2	<5	<5	<5	1.83	241	<10	22	286	35	<20	<20	<1	0.95	1.45	0.88	0.06	0.06	17	2	<2	9	<1	<5	<10	0.10	3
7759		3	13	14	49	194	<.2	38	3	38	3	154	28	<.2	<5	<5	<5	2.99	427	<10	29	430	56	<20	<20	<1	1.83	3.10	0.81	0.04	0.06	12	2	<2	28	1	<5	<10	0.15	2
7761		2	<5	<1	17	14	<.2	11	3	23	3	13	9	<.2	<5	<5	<5	1.90	255	<10	52	90	27	<20	<20	6	0.96	0.71	0.53	0.06	0.11	27	6	<2	10	<1	<5	<10	0.15	12
7769		3	<5	<1	13	40	<.2	7	3	57	15	36	10	<.2	<5	<5	<5	2.60	351	<10	20	166	47	<20	<20	5	1.22	1.46	0.51	0.08	0.05	37	4	<2	17	1	<5	<10	0.15	4



Intertek Testing Services
Chimitec.....
Bondar Clegg

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT: JOE ANNE G. SALO

REPORT: T97-57896.0 (COMPLETE)

PROJECT: SALO

DATE RECEIVED: 13-NOV-97

DATE PRINTED: 9-DEC-97

PAGE 2 OF 2

STANDARD NAME	ELEMENT NAME	Au UNITS	Pt PPB	Pd PPB	Cu PPM	Ni PPM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PCT	Fe PPM	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PPM	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PCT	Tl PPM	Zr PPM	
BCC GEOCHEM STD 5	-	-	-	-	96	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Number of Analyses	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Mean Value	-	-	-	-	96	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Accepted Value	-	-	-	-	102	40	0.7	90	11	80	2	40	18	0.1	1	8	14.74	720	0.2	200	54	133	4	1	5	3.09	1.83	1.08	0.06	0.32	39	9	-	-	1	18	1	-	9		
ANALYTICAL BLANK	-	-	-	-	<1	<2	<2	<1	<2	<1	<1	<1	<1	<2	<5	<5	<5	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01			
Number of Analyses	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Mean Value	-	-	-	-	0.5	1	0.1	0.5	1	0.5	0.5	0.5	0.5	0.1	3	3	3	0.005	0.5	5	0.5	0.5	0.5	10	10	0.5	.005	.005	.005	.005	.005	.005	0.5	0.5	1	0.5	0.5	3	5	.005	0.5
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Accepted Value	5	5	5	0.5	0.5	0.2	1	2	1	1	1	1	1.0	2	5	5	0.05	1	0.01	0.01	1	1	0.01	0.01	0.01	<.01	<.01	<.01	<.01	<.01	.01	.01	.01	.01	.01	<.01	.01				
BCC GEOCHEM STD 4	-	-	-	-	-	1.5	276	27	221	3	40	9	0.9	<5	29	<5	2.83	536	<10	67	105	8	<20	<20	2	0.81	1.18	1.37	0.06	0.17	37	3	<2	6	1	<5	<10	<.01	10		
Number of Analyses	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
Mean Value	-	-	-	-	-	1.5	276	27	221	3	40	9	0.9	3	29	3	2.83	536	5	67	105	8	10	10	2	0.81	1.18	1.37	0.06	0.17	37	3	1	6	1	3	5	.005	10		
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Accepted Value	-	-	-	-	-	290	42	0.5	290	33	255	4	42	9	0.8	1	30	1	2.60	600	0.1	55	80	9	1	1	4	0.77	1.34	1.43	0.04	0.14	39	4	2	7	1	12	1	0.01	8



Intertek Testing Services
Chimitec Bondar Clegg

Certificat D'Analyse
Assay Lab Report

REPORT: T97-57895.0 (COMPLETE)

REFERENCE: -

CLIENT: JOE-ANNE G. SALO
PROJECT: SALO

SUBMITTED BY: E. MORD

DATE RECEIVED: 13-NOV-97

DATE PRINTED: 9-DEC-97

DATE APPROVED	ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD	
971120	1	Au	Gold - Fire Assay	4	1 PPB	FIRE ASSAY	FIRE ASSAY-DCP
971120	2	Pt	Platinum	4	5 PPB	FIRE ASSAY	FIRE ASSAY-DCP
971120	3	Pd	Palladium	4	1 PPB	FIRE ASSAY	FIRE ASSAY-DCP
971120	4	Cu	Copper	4	1 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION
971120	5	Ni	Nickel	4	2 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	4	-150	4	CRUSH, SPLIT PULVERIZATION	4

REPORT COPIES TO: MS. JOE-ANNE G. SALO INVOICE TO: MS. JOE-ANNE G. SALO

This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



Intertek Testing Services
Chimitec Bondar Clegg

Certificat D'Analyse
Assay Lab Report

CLIENT: JOE ANNE G. SALO

REPORT: T97-57895.0 (COMPLETE)

DATE RECEIVED: 13-NOV-97

PROJECT: SALO

DATE PRINTED: 9-DEC-97

PAGE 1 DE 2

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	Pt PPB	Pd PPB	Cu PPM	Ni PPM
7754		18	18	17	171	18
7756		20	8	5	8	357
7758		15	13	11	65	164
7760		4	<5	<1	8	17

ITS - Chimitec - Bondar Clegg
1322-B rue Harricana, Val d'Or, Québec, J9P 3X6
Tél: (819) 825-0178, Fax: (819) 825-0256

M. Bay



Intertek Testing Services
Chimitec Bondar Clegg

Certificat D'Analyse
Assay Lab Report

CLIENT: JOE ANNE G. SALO

REPORT: T97-57895.0 (COMPLETE)

DATE RECEIVED: 13-NOV-97

PROJECT: SALO

DATE PRINTED: 9-DEC-97

PAGE 2 DE 2

STANDARD NAME	ELEMENT UNITS	Au PPB	Pt PPB	Pd PPB	Cu PPM	Ni PPM
BCC GEOCHEM STD 6	-	-	-	-	144	149
Number of Analyses	-	-	-	-	1	1
Mean Value	-	-	-	144.0	148.8	
Standard Deviation	-	-	-	-	-	-
Accepted Value	-	-	-	140	135	
ANALYTICAL BLANK	-	-	-	-	<1	<2
Number of Analyses	-	-	-	-	1	1
Mean Value	-	-	-	0.5	1.0	
Standard Deviation	-	-	-	-	-	-
Accepted Value	5	5	5	1	1	

RECOMMENDATIONS AND CONCLUSIONS

Although not as much outcrop was noted as hoped, the assays are very encouraging. The rock samples from blasting produced minimal nickel values however were above background for platinum.

The drill core appeared more like a gold hosting core than one of nickel, however the bottom end of the hole was surprisingly high in nickel and chromium. For this reason the six highest nickel/chromium values have been sent to have platinum group element assaying.

It is recommended that the area of the trenching see wider and more detailed blasting and possibly stripping. The green staining is promising.

The area of the drill hole should have an I.P. Survey done and another drill hole put into place.

This property would be ideal for an option to a base metal exploration company. However, one should watch the Lands for Life proceedings as it may be all for naught.



Declaration of Assessment Work Performed on Mining Land

Mining Act. Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
i1986200482
Assessment Files Research Imaging



42A04NW2003

2.18451

KENOGAMING

900

ity of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the
d to review the assessment work and correspond with the mining land holder.
ing Recorder, Ministry of Northern Development and Mines, 6th Floor,

- Instructions:**
- For work performed on Crown Lands before recording a claim, use form 0240.
 - Please type or print in ink.

2.18451

1. Recorded holder(s) (Attach a list if necessary)

Name	Client Number
Eero Mord	172169
Address	Telephone Number
RR1	705 363 3100
Connaught Ont PON 1AO	Fax Number
Joe Anne Salo / Harry Salo	705 363 2169
Address	Client Number
RR1	1910781 191085
Connaught Ont	Telephone Number
	705 363 2108
	Fax Number
	705 363 2410

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

- Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling, stripping, trenching and associated assays Rehabilitation

Work Type	Office Use
line cutting magnetometer survey	Commodity
Dates Work Performed From 15 Day 7 Month 97 Year To 29 Day 8 Month 97 Year	Total \$ Value of Work Claimed \$3678
Global Positioning System Data (if available)	NTS Reference
81°54' 48°11'	Mining Division Porcupine
Township/Area Kenogaming Twp	Resident Geologist District Timmins
M or G-Plan Number C-3239	

Please remember to:

- obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
J. Salo	
Address	Fax Number
as above	
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED
1:30 p.m.
MAY - 6 1998
**GEOSCIENCE ASSESSMENT
OFFICE**
RECEIVED
MAY. 5 1998
2:50pm

4. Certification by Recorded Holder or Agent

I, Joe Anne Salo, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent	Date
<i>J. Salo</i>	

Agent's Address	Telephone Number	Fax Number
as above		

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

a9860.00482

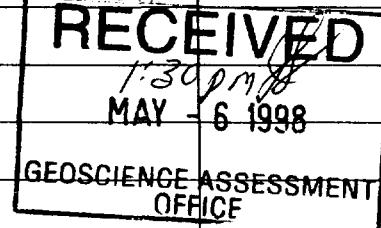
Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	\$26, 825	N/A	\$24,000	\$2,825
eg	1234567	12	0	\$24,000	0	0
eg	1234568	2	\$ 8, 892	\$ 4,000	0	\$4,892
1	1219070	9	3678	0	3678	0
2	1219071	12	0	3678	0	0
3						
4						
5						
6						
7					2.18451	
8						
9						
10						
11						
12						
13						
14						
15						
Column Totals			3678	3678	3678	

I, Joe-Anne Salo (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing

Date

1/5/98



6. Instructions for cutting back credits that are not approved.

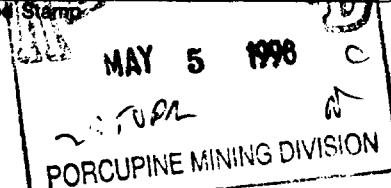
Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp



Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

W9860. 80482

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 8/98. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18451

Associated Costs (e.g. supplies, mobilization and demobilization).

MAG RENTAL		45 ⁰⁰
Transportation Costs		
2112 km		633. ⁶⁰
Food and Lodging Costs		
	RECEIVED 1:30 PM MAY 6 1998 GEOSCIENCE ASSESSMENT OFFICE	
Total Value of Assessment Work		3678. ⁶⁰

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
 2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK

x 0.50 =

Total \$ value of work done claimed.

Note:

- Work older than 5 years is not eligible for credit.
 - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Joe-Anne Sabo
(please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Recorded Holder / Agent I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

rtification.
MAY 5 1998
[Signature]

(please print full name)	
be determined and the basis were	
anying Declaration of Work Form	
Certification.	
MAY 5	1998
2	ST
PORCUPIN	

Signature	Date
	1/15/98



**Declaration of Assessment Work
Performed on Mining Land**

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W9860 00483
Assessment Files Research Imaging

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

2.18451

1. Recorded holder(s) (Attach a list if necessary)

Name	Client Number
Eero Mord	172169
Address	Telephone Number
RR1 Connaught Ont	363 3100
Fax Number	363 2169
Name	Client Number
Joe Anne Sato / Harry Sato	191078 / 191085
Address	Telephone Number
RR1 Connaught	363 2108
Fax Number	363 2410

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling, stripping, trenching and associated assays Rehabilitation

Work Type	Office Use
Dilling	Commodity
Dates Work Performed	Total \$ Value of Work Claimed
From Day 7 Month 12 Year 97	To Day 3 Month 1 Year 98
Global Positioning System Data (if available)	NTS Reference
81°54' 48" N 111°	Mining Division Porcupine M or G-Plan Number G 3239 Resident Geologist District Timmins

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
J. Sato	RECEIVED
Address	Fax Number
as above	MAY - 6 1998
Name	Telephone Number
RECEIVED 1:30 PM	GEOSCIENCE ASSESSMENT OFFICE
Address	Fax Number
MAY - 6 1998	
Name	Telephone Number
GEOSCIENCE ASSESSMENT OFFICE	
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, Joe-Anne Sato, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent	Date
J. Sato	
Agent's Address	Telephone Number
as above	Fax Number
Deemed August 03 1998	
0241 (02/98)	

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9860.00483

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	\$26, 825	N/A	\$24,000	\$2,825
eg	1234567	12	0	\$24,000	0	0
eg	1234568	2	\$ 8, 892	\$ 4,000	0	\$4,892
1	1203981	15		1700'		
2	1217716	2	5	800'		
3	1219070	9	8870	3600	5270'	
4	1219069	1	,	400'		
5	1219071	12		2453'		
6	1182619	1	,	400'		
7	1182620	3	,	1200'		
8						
9						
10					2.18451	
11						
12						
13						
14						
15						
Column Totals			8870	8870	5270	0

I, _____, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing

J.Y. Salo

Date

11/5/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

RECEIVED

MAY - 6 1998

GEOSCIENCE ASSESSMENT

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

RECEIVED

For Office Use Only

Received Stamp

MAY 5 1998

2:50PM

PORCUPINE MINING DIVIS

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9860.00483

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26, 825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8, 892	\$ 4,000	0	\$4,892
1 1203981	15		1700'	-	
2 1217716	2	5	800'		
3 1219070	9	8870	3600	5270'	
4 1219069	1	,	400'		
5 1219071	12		2453'		
6 1182619	1	,	400'		
7 1182620	3	,	1200'		
8					
9					2.18451
10					
11					
12					
13					
14					
15					
Column Totals		8870	8870	5270	0

I, _____, do hereby certify that the above work credits are eligible under
 (Print Full Name)
 subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to
 the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing

J. G. Salo

Date

1/5/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

RECEIVED

MAY - 6 1998

GEOSCIENCE ASSESSMENT

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

RECEIVED

Received Stamp

MAY 5 1998

2:50PM

PORCUPINE MINING DIVIS.

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	



**Declaration of Assessment Work
Performed on Mining Land**

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W9860.08484
Assessment Files Research Imaging

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
 - Please type or print in ink.

2.18451

1. Recorded holder(s) (Attach a list if necessary)

Name <i>Eero Merv</i>	Client Number <i>172169</i>
Address <i>RR1</i>	Telephone Number <i>705 363 3100</i>
Connaught Ontario	Fax Number <i>705 363 2169</i>
Name <i>Joe-Anne Salo / Harry Salo</i>	Client Number <i>191078 / 191085</i>
Address <i>RR1</i>	Telephone Number <i>705 363 2108</i>
Connaught Ontario	Fax Number <i>705 363 2410</i>

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

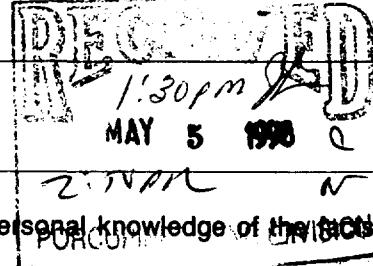
Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling, stripping, trenching and associated assays Rehabilitation

Work Type <i>Prospecting traverses & plugger work</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>5983</i>
Dates Work Performed From 30 Day 8 Month 97 Year To 7 Day 10 Month 97 Year	NTS Reference
Global Positioning System Data (if available) <i>8154' 48" N 48° 11' E</i>	Township/Area <i>Kenogamiing Twp</i> M or G-Plan Number <i>G 3239</i>
	Mining Division <i>Porcupine</i>
	Resident Geologist District <i>Timmins</i>

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
 - provide proper notice to surface rights holders before starting work;
 - complete and attach a Statement of Costs, form 0212;
 - provide a map showing contiguous mining lands that are linked for assigning work;
 - include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name <i>J.C. SALO</i>	Telephone Number <i>705 363 2108</i>
Address <i>RR1 Connaught</i>	Fax Number <i>705 363 2410</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number



4. Certification by Recorded Holder or Agent

I, Joe-Anne Salo, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>J. C. Salo</i>	Date <i>11/5/98</i>
Agent's Address <i>RR1 Connaught</i>	Telephone Number <i>705 363 2108</i> Fax Number <i>705 363 2410</i>

Deemed August 03/1998

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9860. 80484

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26, 825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8, 892	\$ 4,000	0	\$4,892
1 1203981	15	2295	5983	0	0
2 1217716	2	306	0	306	0
3 1319070	9	1377	0	1377	0
4 1219069	1	0	0	0	0
5 1182619	1	0	0	0	0
6 1219071	12	2005	0	2005	0
7 1182620	3	0	0	0	0
8					
9				2.18451	
10					
11					
12					
13					
14					
15					
Column Totals		5983	5983	3688	0

I, Joe-Anne Sato (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing

Date

1/5/98

6. Instructions for cutting back credits that are not approved.

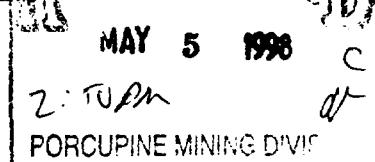
Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp



Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

Statement of Costs
for Assessment Credit

Transaction Number (office use)

W9860.00484

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 8/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 8B5.

Work Type	Units of Work	Cost Per Unit of work	Total Cost
TRAVERSE LINES	18 days	100/day	1800.00
PLUGGER WORK	14 days	"	1400
SAMPLING	14 days	"	1400
2.18451			

Associated Costs (e.g. supplies, mobilization and demobilization).

PLUGGER RENT	500 -
DYNAMITE & CAPS	250 -

Transportation Costs

2112 km	633.60
Food and Lodging Costs	RECEIVED 1:30 AM MAY 6 1998 GEOSCIENCE ASSESSMENT OFFICE
Total Value of Assessment Work	5983.60

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

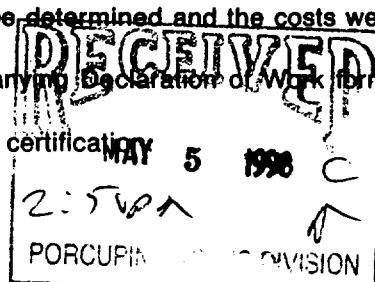
TOTAL VALUE OF ASSESSMENT WORK $\times 0.50 =$ Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Joe-Anne Salo, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Recorded Holder Agent. I am authorized to make this certification. MAY 5 1998 C



Signature	Date
<u>J. A. Salo</u>	1/5/98

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

July 31, 1998

EERO E. MORD
RR#1
CONNAUGHT, Ontario
P0N-1A0



Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5881

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.18451

Status

Subject: Transaction Number(s): W9860.00482 Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jerome12@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Blair Kite".

ORIGINAL SIGNED BY

Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.18451

Date Correspondence Sent: July 31, 1998

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00482	1219070	KENOGAMING	Approval	July 31, 1998

Section:
14 Geophysical MAG

Correspondence to:

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

EERO E. MORD
CONNAUGHT, Ontario

Joe-Anne Salo
JOE-ANNE G. SALO
CONNAUGHT, Ontario

LARRY JOHN SALO
CONNAUGHT, Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

September 25, 1998

EERO E. MORD
RR#1
CONNAUGHT, Ontario
P0N-1A0



Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.18451

Status

Subject: Transaction Number(s): W9860.00483 Approval After Notice
W9860.00484 Approval After Notice

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jerome12@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Blair Kite".

ORIGINAL SIGNED BY

Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.18451

Date Correspondence Sent: September 25, 1998

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00483	1219070	KENOGAMING	Approval After Notice	September 15, 1998

Section:
16 Drilling PDRILL

The revisions outlined in the Notice dated July 31, 1998, have been corrected. Accordingly, assessment work credit has been approved as outlined on the Declaration of Assessment Work Form filed with this submission.

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00484	1203981	KENOGAMING	Approval After Notice	September 15, 1998

Section:
9 Prospecting PROSP

Correspondence to:
Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
EERO E. MORD
CONNAUGHT, Ontario

JOE-ANNE G. SALO
CONNAUGHT, Ontario

LARRY JOHN SALO
CONNAUGHT, Ontario

REFERENCE

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

Description Order No Date Disposition File

(R) PROPOSED COTTAGE AREAS NOTICE RECEIVED DECEMBER 22, 1988

(X) THIS TWP. IS SUBJECT TO FOREST ACTIVITY IN 1992/93. FURTHER INFORMATION AVAILABLE ON FILE.

(P) THIS TWP. SUBJECT TO FOREST ACTIVITY IN 1995/96. FURTHER INFORMATION AVAILABLE ON FILE.

F.O. FILED ONLY REC'D DEC. 12/94.

SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT R.S.O. 1990 DATED 30-MAY-29 ORDER NO. W-P 7755 NER.

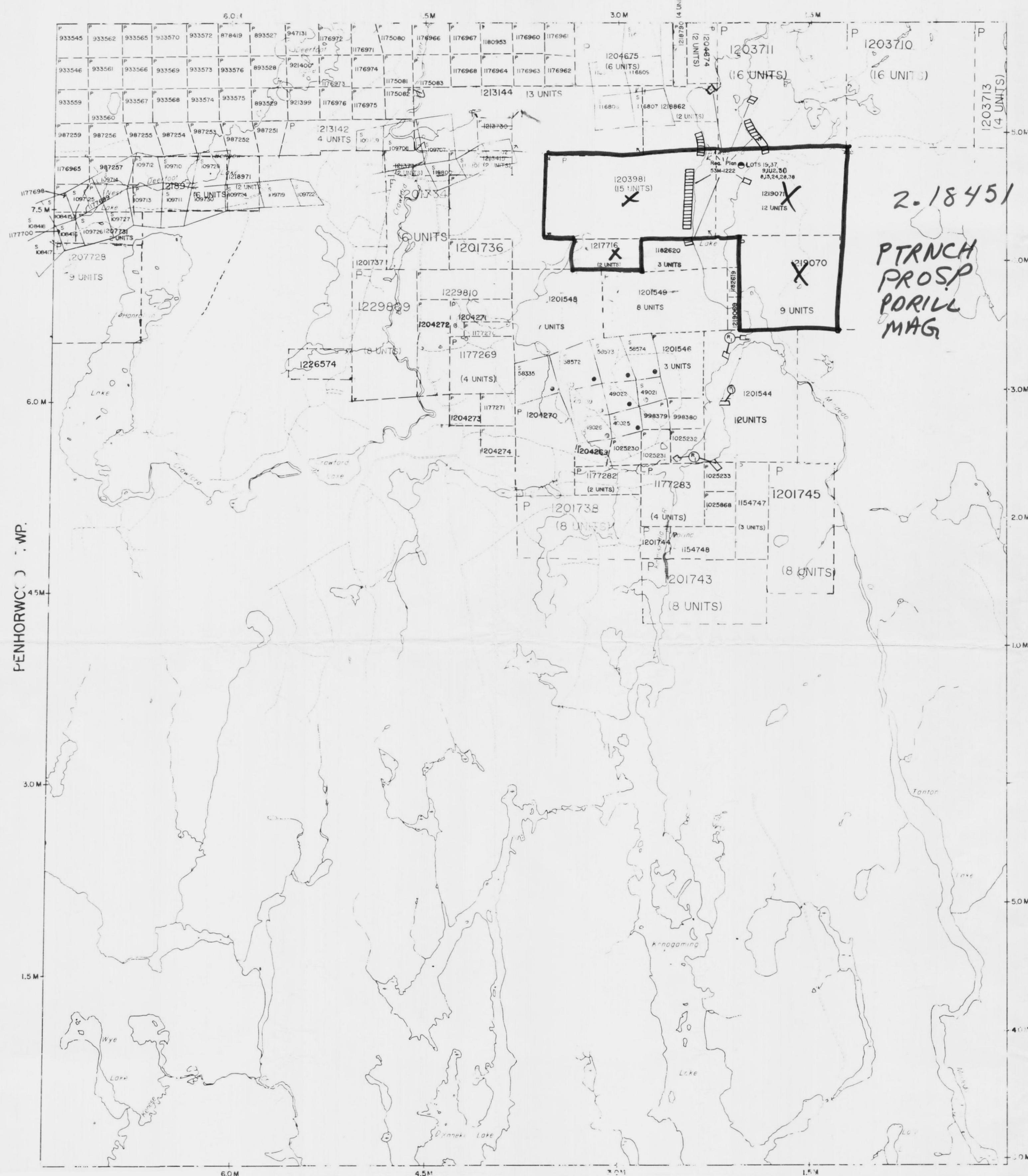
SURFACE AND MINING RIGHTS RE-OPENED FOR PROSPECTING, STAKING OUT, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT, R.S.O. 1990 DATED 96-NOV-18 AT 1247 P.M. ORDER NO. O-P-31-96 NER.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.



42A04NW2003 2.18451 KENOGAMING 200

SEWELL TWP.



LEGEND

HIGHWAY AND ROUTE NO.	
OTHER ROADS	
TRAILS	
SURVEYED LINES	
TOWNSHIPS, BASE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNDIVIDED LINES	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOOD PLAINS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
MINES	
TRAVERSE MONUMENT	

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER IN COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED OR PRIOR TO MAY 5, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.L. 1970, CHAP. 380, JEC. 63, SUBSEC. 1.

CALE: 1 INCH = 40 CHAINS

FEET	0	1000	2000	4000	6000	8000
METERS	0	300	600	1200	2400	4800
KILOMETERS	0	0.3	0.6	1.2	2.4	4.8
MILES	0	0.3	0.6	1.2	2.4	4.8

DATE OF ISSUE
JUL 06 1998
PROVINCIAL RECORDING
OFFICE - SUDBURY

KENOGAMING

M.N.R. ADMINISTRATIVE DISTRICT

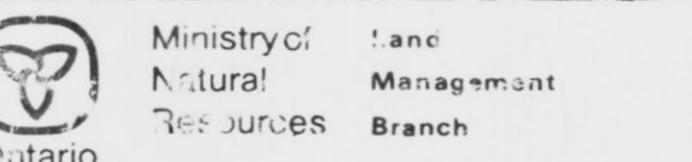
TIMMINS

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTERED DIVISION

SUDBURY

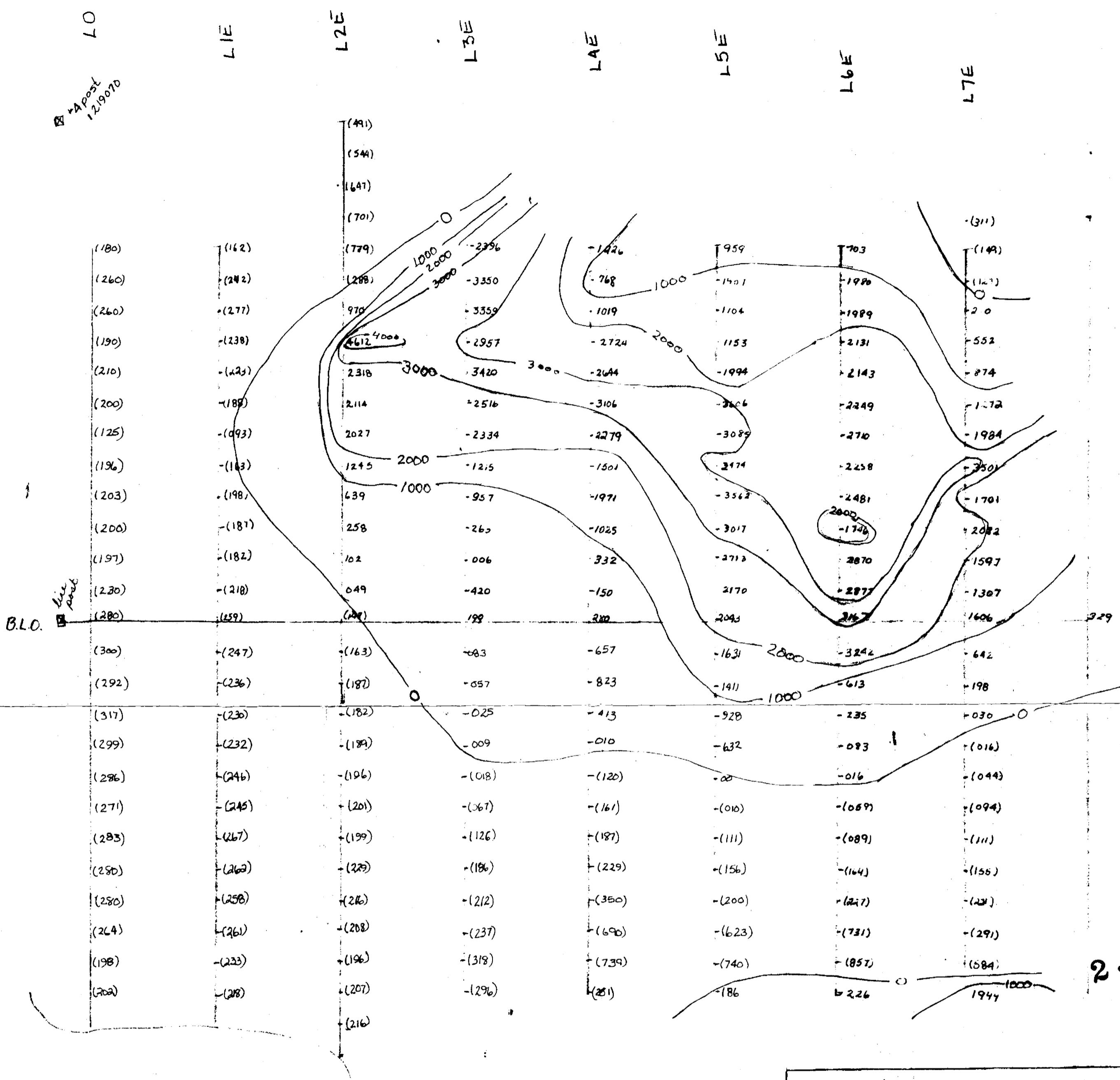


Date: APRIL 1 1998	Number: G-3239
ACTIVATED JULY 29, 1992	
BY D.C.	
CHECKED BY G.W.	

C-35320

REVIEWED BY J.W.

C-35320



1k weskwa lake

0 25m 50m 75m 100m
0 10cm 20cm 30cm 40cm

Scale: 10cm = 25m

Magnetometer Survey Kenogaming Jwp.

- 13 Mug trading - base value 580m geom
- 1000 Magnetic Contours
- Located claim post

