

Results of a  
DIAMOND DRILL  
Startup Program  
November 2005  
  
On the  
FRANKOW PROPERTY  
NEILL TOWNSHIP  
SAULT STE. MARIE Mining Division  
District of Sudbury

By  
Philip L. Frankow  
77 Elgin St. So.  
P.O. Box 430  
Chapleau, Ontario, POM



## **Introduction**

In the fall of 2005, Philip Frankow started a DIAMOND DRILL project to test Portions of anomalous VLF-EM surveys located on a group of twelve (12) claims Located in NEILL Township, District of Sudbury.

This area was staked and recorded several times for or by Frankow since 1985 And for various reasons was forced to abandon them

This DRILL project was cut short due to adverse weather conditions (rain, freezing rain and excessive snow) and was forced to discontinue and partially de-mob.

## **Property Description, Location And Access**

The claim group described in this report is comprised of twelve (12) contiguous, unpatented, single unit claims, located approximately 3 km southeast of the northwest corner of Neill Township (plan G-2476). The property is approximately 78 km southwest of the town of Chapleau, Ontario, in the Sault Ste. Marie mining Division, District of Sudbury. Total Area covered by the twelve (12) claims described in this report is approximately one hundred ninety two (192) hectares

See Mining Claims Client Reports

Ministry of NORTHERN DEVELOPMENT and MINES

Ground access to the property is generally maintained logging roads and can be traveled by two wheel drive vehicles. Year round access is dependant on logging activity.

**The Island Lake Road** is taken from its junction with Highway 129, which is Approximately 0.5 km south of the junction of Highways 129 and 101, 11 km Southeast of Chapleau. Follow the **Island Lake Road** for approximately 46 km To the junctions of the Hydro Road going southwest towards Moen and Moggy Townships, Corrigan Lake Road going east to Pineal Lake and the **Toll Creek Road** south to **Neill Township**.

**The claims group are 19 km south on the Toll Creek Road.**

See accompanying maps. Pages 3,4 and 6

For Schedule Of Claims see Mining Claim Client Reports, April 26th, 2006,  
Ministry of Northern Development and Mines Page 5

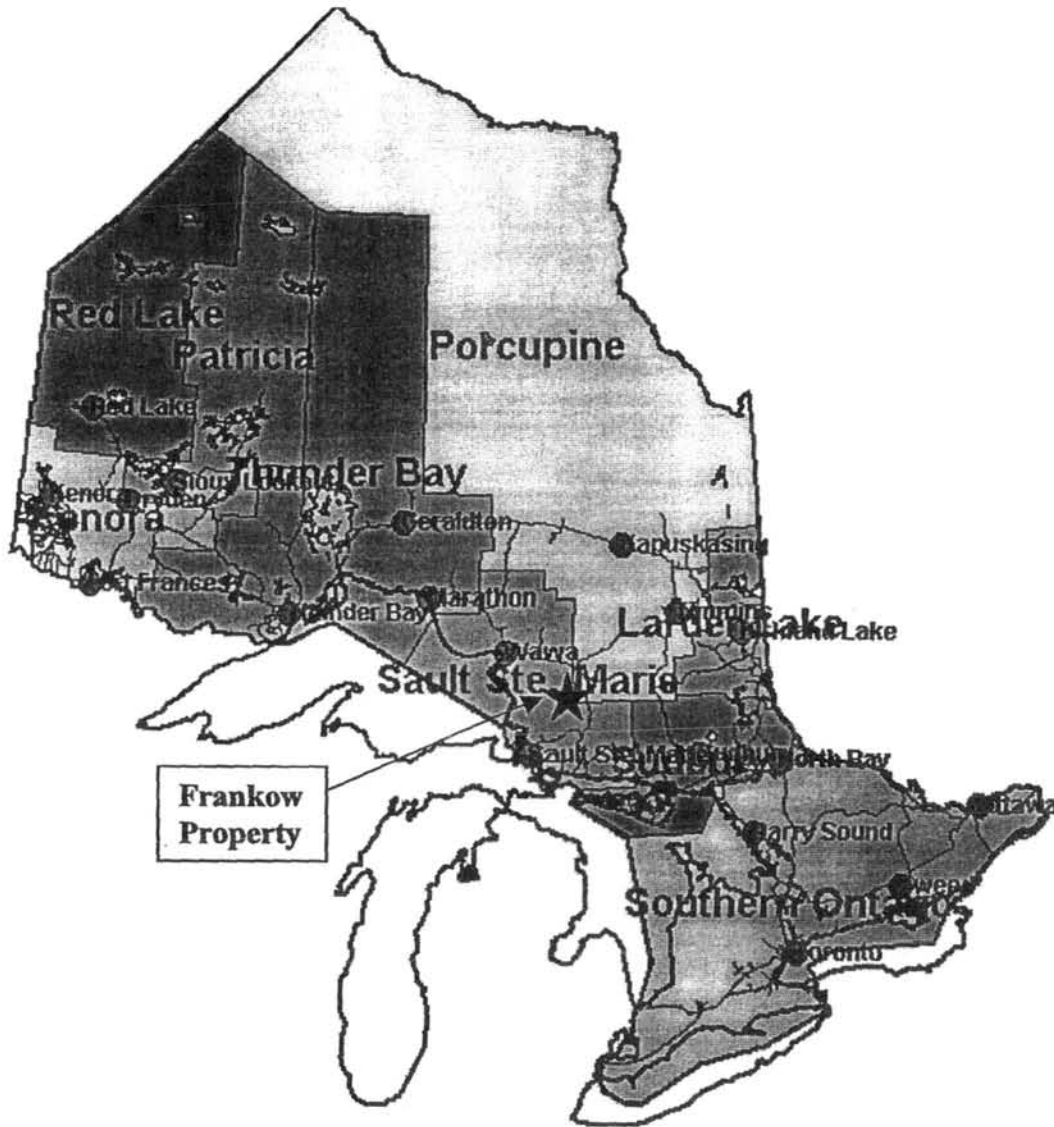
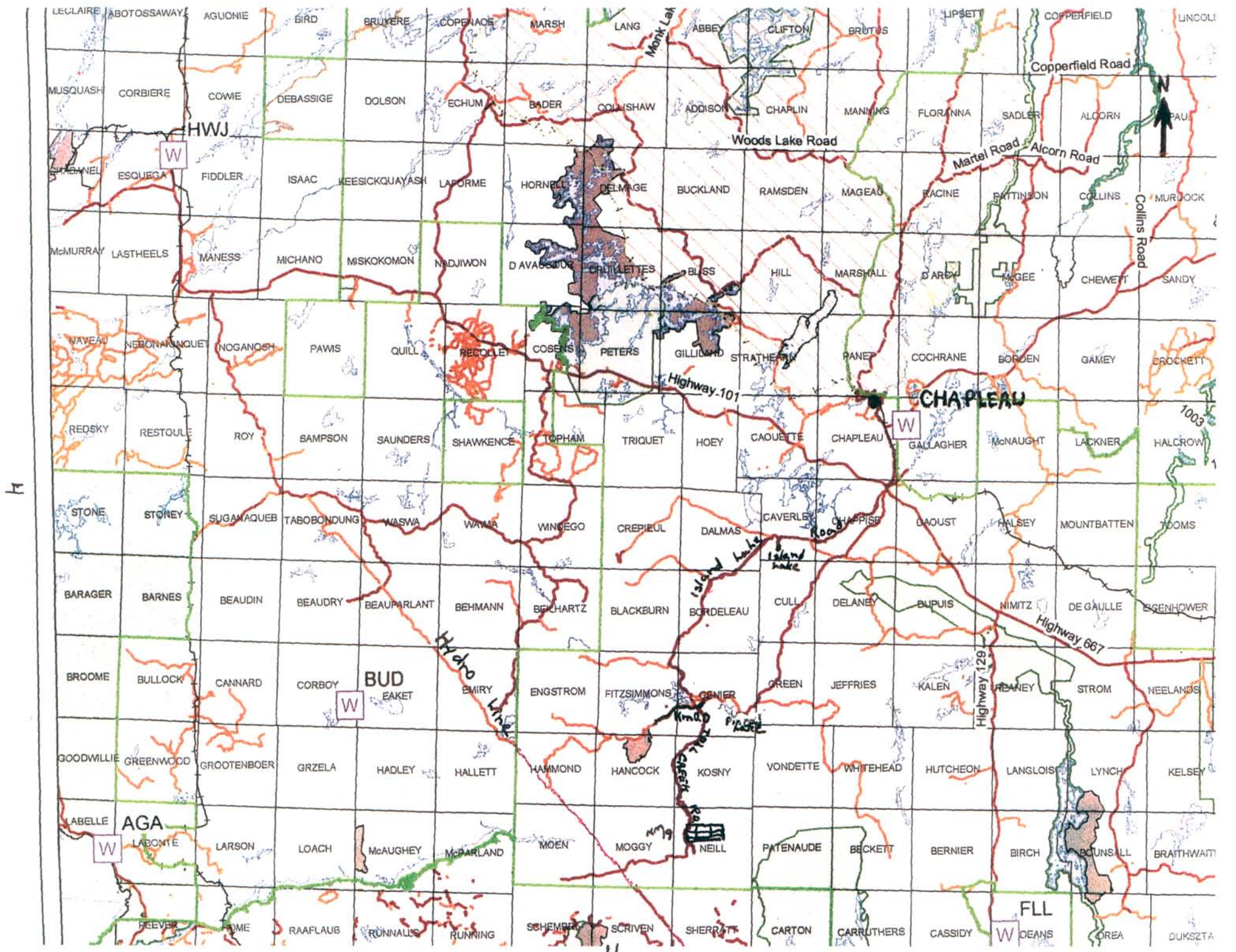


Figure 1 Location Map  
(Reprinted from MNM Web Site)



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**SAULT STE. MARIE Mining Division - 133452 - FRANKOW, PHILIP LEO**

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
NEILL	1163593	2004-Jun-03	2006-Jun-03	A	100 %	\$ 400	\$ 0	\$ 0	\$ 0
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NEILL	1163600	2004-Jun-03	2006-Jun-03	A	100 %	\$ 400	\$ 0	\$ 0	\$ 0
NEILL	1163618	2004-Jun-03	2006-Jun-03	A	100 %	\$ 400	\$ 0	\$ 0	\$ 0
NEILL	1163619	2004-Jun-03	2006-Jun-03	A	100 %	\$ 400	\$ 0	\$ 0	\$ 0
NEILL	1163620	2004-Jun-03	2006-Jun-03	A	100 %	\$ 400	\$ 0	\$ 0	\$ 0
NEILL	1163621	2004-Jun-03	2006-Jun-03	A	100 %	\$ 400	\$ 0	\$ 0	\$ 0

Last modified: d/m/y 25/02/2005



## **Topography And Vegetation**

The claim group is of moderate to low relief with numerous, narrow, steep sided ravines of less than 80 meter depth. The overall strike of these ravines is north/south and east/west and appears to be generally controlled by geologic features. Intermittent streams flow within these ravines during spring and wet periods. Drainage is mainly north/east towards Farewell Creek which flows south/east through the claims to the north into the Cow River of the group described herein. A sandy outwash plain creates a low hill in the northeast corner of the claim group and the southern border is alder swamp. Through the central west side of claim 1163599 there exists a large sandy / P gravel hill indicating a terminal moraine of outwash from Farewell Creek which may have flowed westerly . This is now covered by jackpine tree plantation approximately 5 meters high.

Vegetation is variably mixed popular, birch, spruce, jackpine and alders in the swampy areas and ravine bottoms. Soil cover generally consists of a thick humus layer with some areas of subcrop and limited outcrop. Claims 1163619, 1163599, 1163620 and 1163621 have been tree harvested by approximately 75% since 2001 and subsequently re-planted by Tembec (Chapleau branch). Skidding operations have exposed more outcrop in these areas; but no detailed prospecting work has been completed on these four (4) claims at this time.

For a detailed description of the vegetation and topography of these twelve (12) claims not described in this report , refer to Walmsley, 1996 and June, 2001.

## REGIONAL GEOLOGY

The property is located at the northeast corner of the Archean Batchawana Greenstone Belt. This greenstone belt extends eastward from near the shores of Lake Superior to just east of the property boundary, a total distance of approximately 80 km. Very little detailed geological information is available for Neil Township. Grunsky (1983) describes the supracrustal rocks of Neil Township as being “comprised of a distal facies metavolcanic and metasedimentary succession that extends from the west.” Wilson (1983) mapped a narrowing belt of mafic to intermediate metavolcanics and clastic metasediments into the central part of Moggy Township (immediately west of Neill Township) but does not extend his mapping into Neill Township.

Late Archean felsic plutonism has variably altered the rock suites at the east end of the belt both metamorphically and structurally. Regional metamorphic grades range from greenschist facies to amphibolite facies, with locally higher grades closer to granitic contacts. Grunski (1987), classifies the plutonic rocks in the vicinity of the property as granodiorites, tonalities and migmatites.

Later, intrusive rocks within the belt that are of particular significance to the property include quartz diabase, olivine diabase, felsite, and quartz porphyry.

According to Grunski (1987), the dominant structural feature in the area is a synform that strikes generally east-west through Moggy Township and into Neil Township, just south of the property.

Both Grunski (1987) and Giblin (*et al* 1979) show an east-north-east striking lineation extending from the northwest corner of Neil Township, westward for approximately 30 km. Hamilton (*et al* 1995), have named this lineation as the “Montreal River Fault System”. A second northeast striking lineation passing the property close to its western boundary has been called the “Toll Creek Lineament” by Hamilton (*et al* 1995).

See Table 2 for Table of Formations.

**Table 2. Table of Formations**

**PHANEROZOIC**

**CENOZOIC**

**QUATERNARY**

**PLEISTOCENE AND RECENT**

Till, sand, silt, clay (minor fluvial, lacustrine and  
swamp deposits of gravel, sand, silt, clay)

*Unconformity*

**PRECAMBRIAN**

**MIDDLE TO LATE PRECAMBRIAN (PROTEROZOIC)**

**FELSIC INTRUSIVE ROCKS**

Diabase, porphyritic diabase,, olivine diabase

*Intrusive Contact*

**EARLY PRECAMBRIAN (ARCHEAN)**

**FELSIC TO INTERMEDIATE INTRUSIVE AND METAMORPHIC ROCKS**

Feldspar porphyry, quartz-feldspar porphyry; gneissise to  
metatexitic quartz-feldspar rocks; quartz-feldspar intrusive rocks.

*Intrusive Contact*

**METAVOLCANIC AND METASEDIMENTS**

**CHEMICAL SEDIMENTS**

Magnetite ironstone; chert

**CLASTIC METASEDIMENTS**

Wacke, mudstone, sandstone, conglomerate

**FELSIC METAVOLCANICS**

Tuffs, crystal tuffs, metasediments

**MAFIC TO INTERMEDIATE METAVOLCANICS**

Mafic flows, tuffs, metasediments; pillowed mafic flows; bedded  
mafic tuffs; mafic to intermediate tuffs and metasediments

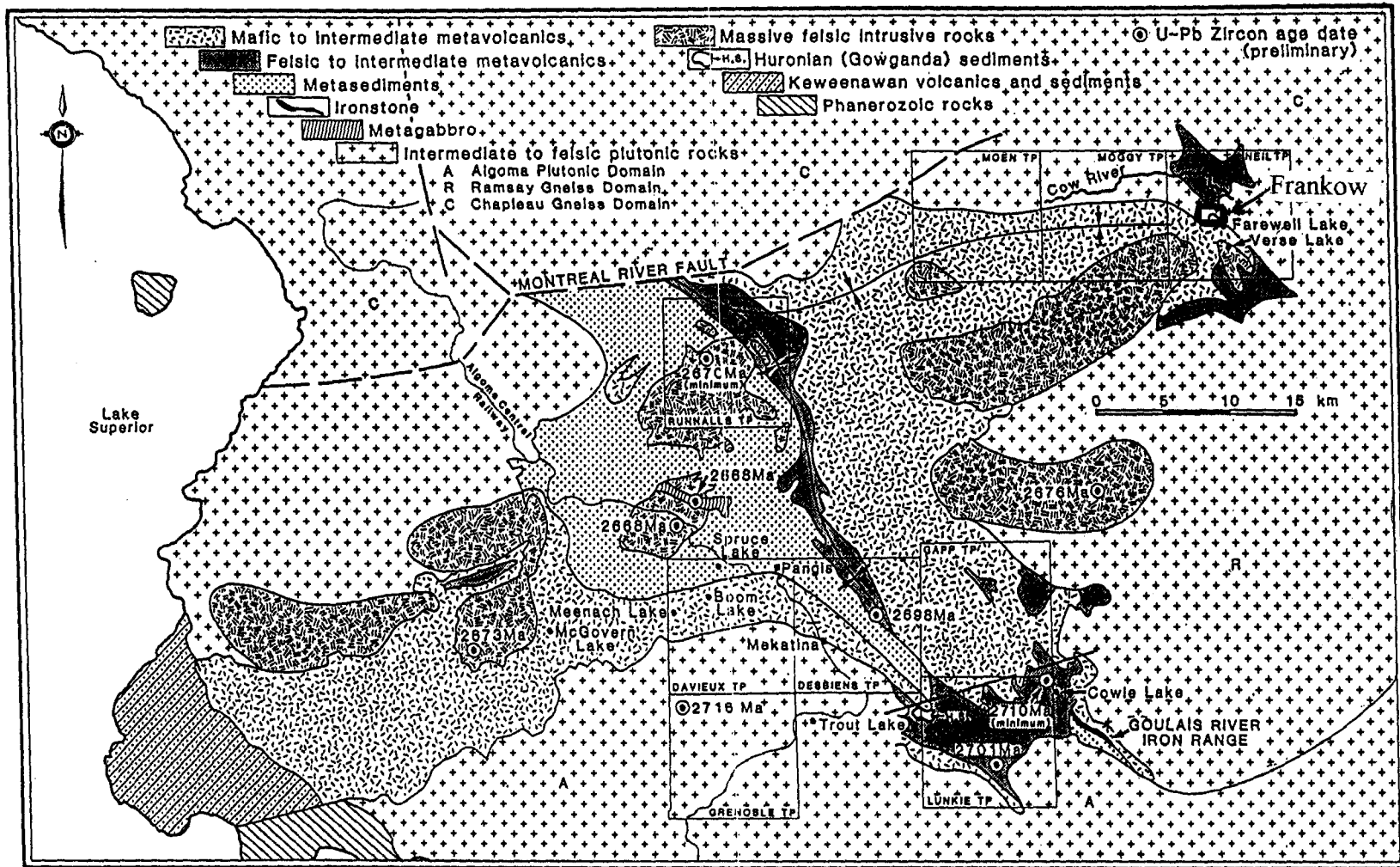


Figure 1 Generalized geology of the Batchawana area.

## PREVIOUS WORK

Very little previous work has been completed on the property. The following is mainly extracted from a compilation by Walmsley (1996).

The area was first mapped in 1936 by Keevil during a reconnaissance mapping program. Due to its remoteness, very little ground work was done in the area until Grunski in 1980 and Wison in 1983.

The Ontario Department of Mines and the geological Survey of Canada completed airborne magnetometer surveys of the Cow River Area (1963). Other than a mag low just to the northwest of the claims described herein and a mag high south of the property, very little can be interpreted from the results.

In 1989, the Ontario Geological Survey completed an airborne Total Intensity Magnetic Survey and an Electromagnetic Survey of the Batchawana Area. This program covered the west and south part of the group of 16 original claims but did not cover the four (4) claims described herein. The results of this survey, reported on Map 81438, delineate several magnetic highs that roughly correspond with diabase dikes on the ground.

A Mineral Potential Map for this area has been produced by the Ontario Geologic Survey. This map rates the mineral potential for the property at 5 and 6. However, using criteria from the map and actual mapped geological contacts, the author recommends that the mineral potential should be at least 3.

The Ontario Geologic Survey also released preliminary results of the Cow River Geochemical Mapping Projects, Batchawana Greenstone Belt.. This report “indicated high values of catchments of zinc, about 600 ppm in the Percy Lake Area (Moggy Township.” (Frankow, 1996).

The following has been extracted from an OPAP project proposal prepared by Mr. P. Frankow in 1996:

- 1981-82, stripping by E.J. Burns exposed altered andesite and diabase, mineralized quartz stringer with reported “tellurides”

- . 1985, visit by Luhta and Ireland describe a massive pyrite-magnetic-chert iron formation and assaying found traces of nickel, zinc, cobalt and copper
- . files obtained in 1983 from Hollinger Argus Ltd. Report anomalous gold, silver and lead from samples taken from the "pond" area
- . 1986, airborne survey flown by Dighem Surveys for Frankow delineated numerous EM and magnetic anomalies
- . 1987, a second airborne survey by Terraquest Ltd for Frankow . Followup prospecting found anomalous copper, gold, silver, zinc, lead and nickel in samples taken along the conductor in the pond area.
- . 1988/89, Frankow conducted a winkie diamond drill program in the pond area and iron chert formation. Follow up assays found anomalous values of copper, zinc, lead, gold, nickel, silver and cobalt
- . 1994/95, prospecting/sampling along newly constructed logging road found anomalous copper, zinc, lead, silver, nickel and cobalt
- . Prospecting along Farewell Creek has produced anomalous copper, zinc, gold, silver, cobalt and nickel
- . General property prospecting has found anomalous values of copper, zinc, lead, gold and nickel associated with boulders of a feldspar porphyry (diorite), the source of which has been delineated by current survey and is on the property.

The most recent work on file at the Sault Ste. Marie Resident Geologist Office are reports on geological mapping and **VLF-EM**, conducted and described by Walmsley in 1996, 2001 on the property described herein is now held by Frankow.

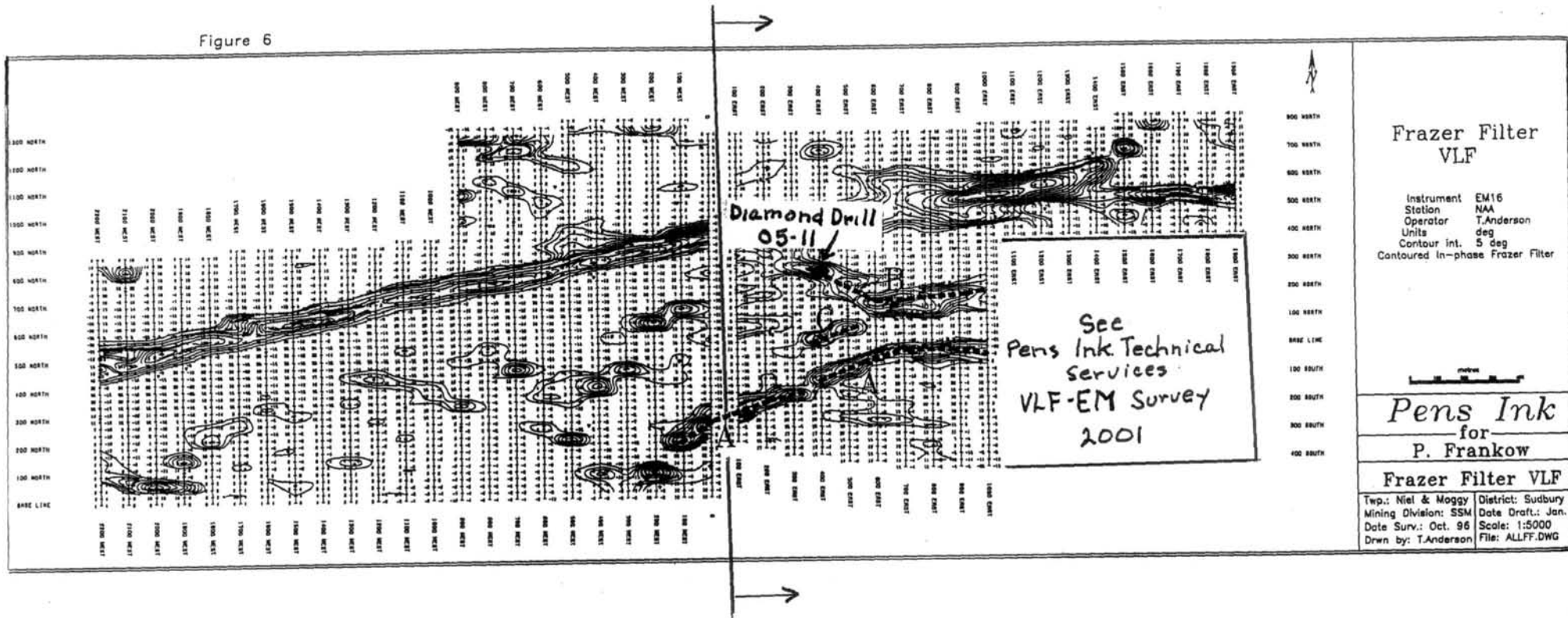
The geology of the property was found to be complex with most of the property underlain by a sequence of mafic to felsic metavolcanics, volcanoclastics and associated sediments. Granitic type intrusions underlay the north and south part of the claim group described herein. A mafic feldspar porphyry (diorite) is persistent throughout the property. Exposure of contacts was not good enough to determine if the occurrences were a series of dikes or a sill. This unit often had pyrite/chalcopyrite mineralization near the contacts.

Mineralization through the property was persistent, mainly pyrite and lesser chalcopyrite. A pyrite/chert iron formation strikes through the property described herein from west-south-west. Other mineralization of the property includes sphalerite, bornite, malachite staining, chalcocite, galena, tourmaline and hematite. Quartz-carbonate veining was “noticeably absent on the property” (Walmsley, 1966). Little mineralization was noted to be associated with quartz veining that was observed except for a breccia unit located through the property described herein and delineated as anomaly “B” described.

VLF-EM surveys delineated four (4) anomalies, generally striking east-west. These anomalies are the reason for re-staking of the herein described property and the present diamond drilling being conducted. Anomaly “B” is believed to be a mineralized quartz carbonate vein. See pages 13 and 14 anomaly “C” is unknown, and anomaly “D” believed to be feldspar porphyry (diorite dike) with mineralization in or near the contacts.

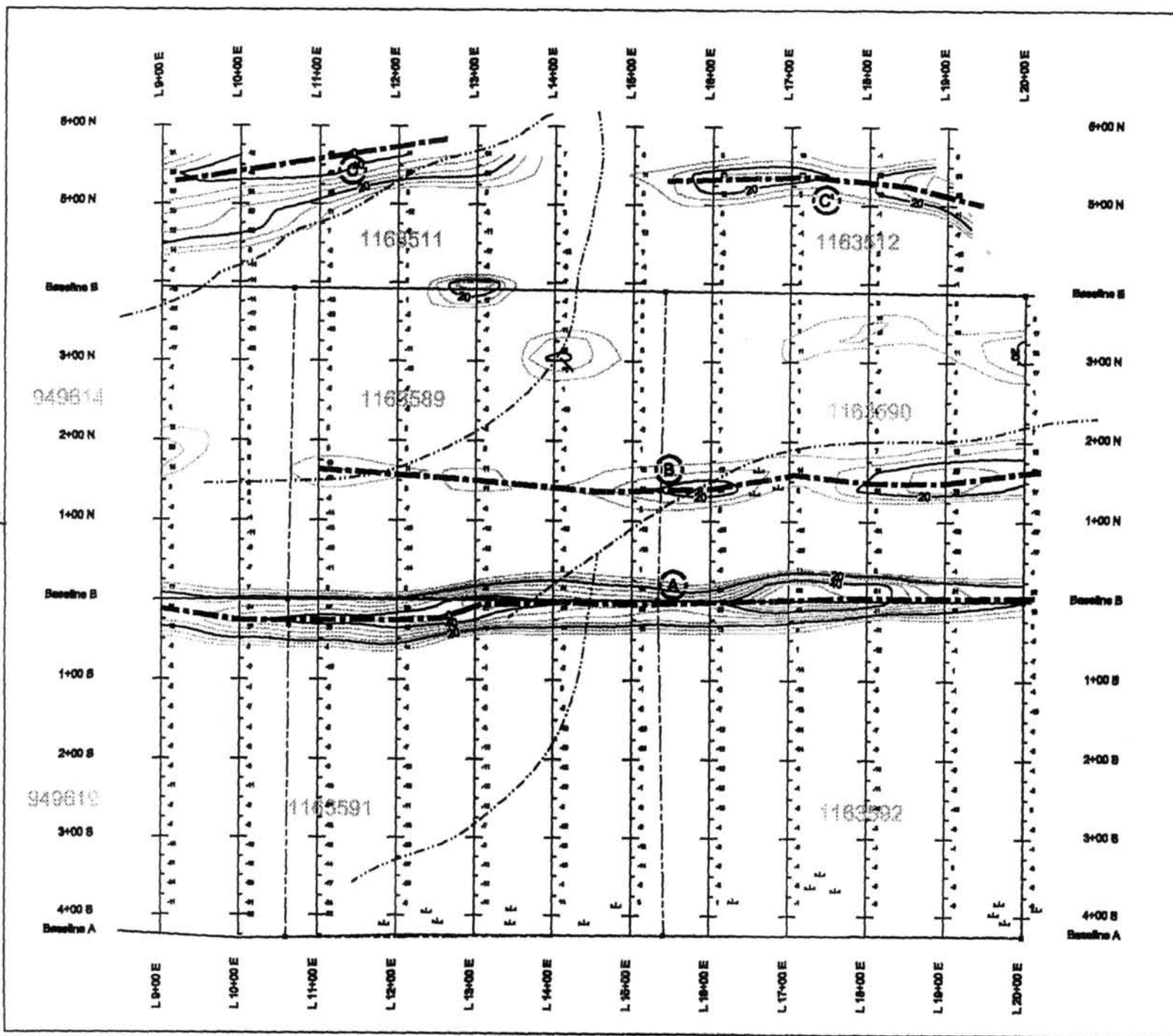
The west end of anomaly “B” (pond area) was the first to be selected for drilling because of high anomalous assays of copper, zinc, lead, gold and silver in this area.

Figure 6



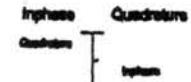
13

Twp.: Niel & Mogy		District: Sudbury	
Mining Division: SSM		Date Draft.: Jan.	
Date Surv.: Oct. 96		Scale: 1:5000	
Drwn by: T. Anderson		File: ALLFF.DWG	



1163590 Claim Number

- Claim Post
- Stream
- ~ Swamp
- - - Claim Line
- Anomaly
- ⊙ Anomaly Identifier



Contour Interval 5%



Pena Ink Technical Services  
 Phillip P. Frankow  
 VLF-EM Survey  
 Fraser Filter Contours

Revised by: Phillip Frankow  
 Date Survey: 08/01/99 | Date Drafted: May 2001  
 Drafted By: John Winkler

## **CURRENT WORK—DIAMOND DRILLING**

The DIAMOND DRILLING was conducted by Philip Frankow from October 26, 2005 (mobilization) until November 07, 2005 (partial de-mobilization) due to inclement weather; rain, freezing rain and heavy snow.

Equipment used was a JKS BOYLES model GW-15 WINKIE diamond drill with a two (2) speed gear shift transmission, ten (10) H.P. two(2) cycle air cooled gasoline engine, seven(7) ft. mechanical pull down pressure feed , plus related support equipment such as water supply pumps, four (4) hundred gallon water tank, hoist "A" frame and assorted tools. The drill is mounted on a seven(7) by thirteen(13) foot home made wood skid with draw bar attachment on both ends.

Drill rod consisted EW casing pipe, EW diamond casing shoes with carbide gauge, A combination of EW steel and aluminum drill rods with steel couplings, single tube (starting), double tube rigid and double tube swivel core barrel with IEWS diamond impregnated bits and diamond reaming shells, spiral strip type with standard matrix were used for core drilling that produced a one (1) inch core.

The drill platform (skid) was pulled by an Ontario Drive and Gear, ARGO eight (8) wheel (c/w tracks) ATV. The ARGO was also used for transporting necessary equipment and supplies. Shelter consisted of an eight (8) by twelve (12) home made insulated cabin, transported on a eight (8) by twelve (12) home made trailer which served to transport other supplies and equipment.

Core was split using a Heath and Sherwood (1964) Limited AQ (modified for EW) core splitter and the core is presently store at Chapleau in wooden core boxes capable of holding twenty five(25) feet of 7.62 meters of core.

For Diamond drill record and description of core see drill core log May 29, 2006. The drill program started October 26, 2005 and ended November 7, 2005. Thirteen (13) days were spent in the field for mobilization, drilling, and partial demobilization. The actual drilling started November 2, 2005 and was completed on or about November 8, 2005 which was 6 days of drilling. These days yielded 0.03 meters of casing drilling and 2.05 meters of core drilling. The targeted distance was 100 meters however due to poor weather conditions only 2.05 meters in depth was drilled. Drilling time was consumed by removal of snow and ice and thawing out water supply lines rather than drilling, making it impractical to continue at this time.

## CONCLUSIONS AND RECOMMENDATIONS

The author has no conclusions or recommendations at this time. Drilling will commence in the summer of 2006 completing drill hole 05-11 and then proceeding to anomaly "C" and "B"

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Philip L. Frankow". The signature is written in a cursive style with a large initial "P".

Philip L. Frankow

Prospector

August 8, 2006



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Wednesday, April 26th, 2006

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**SAULT STE. MARIE Mining Division - 133452 - FRANKOW, PHILIP LEO**

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Last modified: d/m/y 25/02/2005

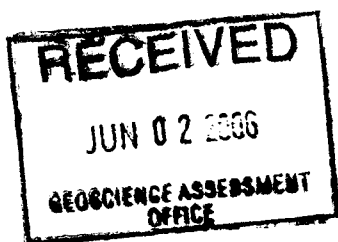
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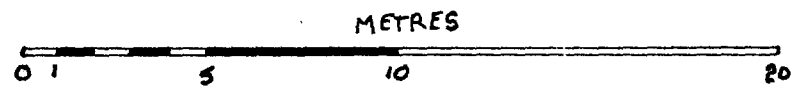
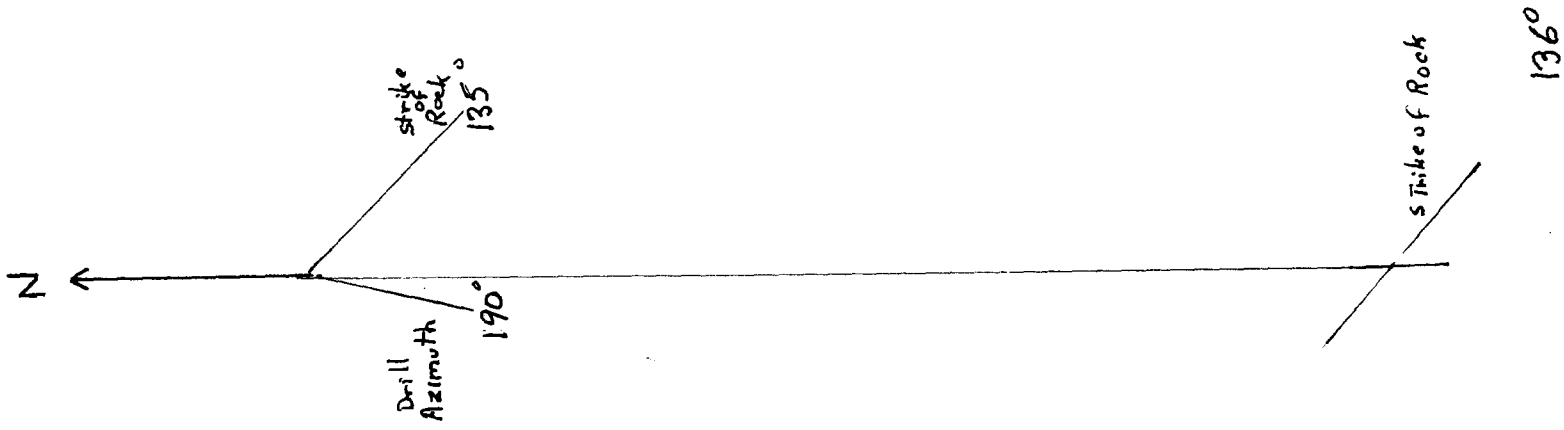
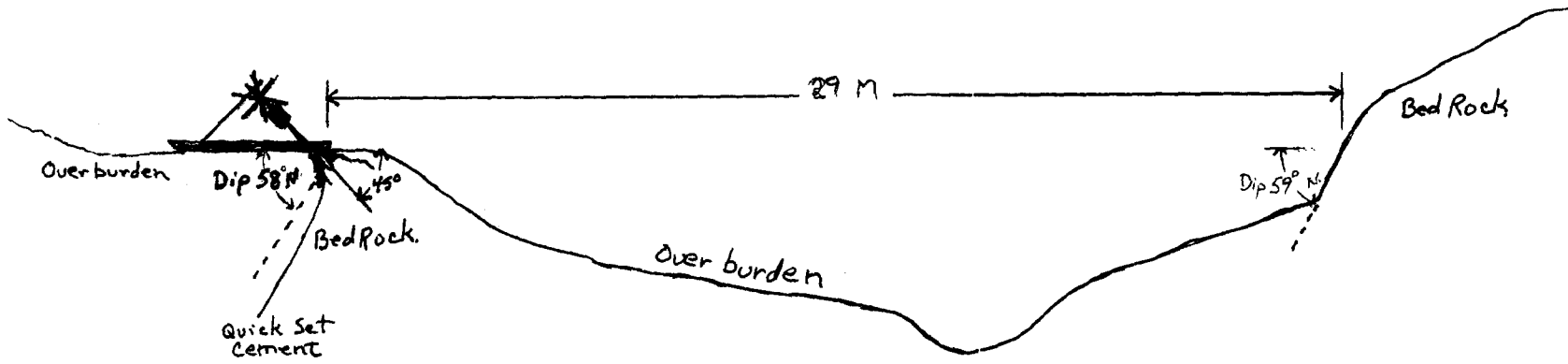
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Diamond Drill Hole 05-11  
CLAIM 1163620  
Neill Township G2476

Philip L. Frankow

Z ←



START BOX #1



Philip Frankow  
Neill Township 62476  
Mining Division: Sault Ste Marie  
Division: Sudbury  
Diamond Drill: 05-11  
Claim 1163620

End  
2.05 metres 1" Core

Location from #2 Post 200M North, 58 M West  
190° to South at 45°  
Elevation 445 M

Box #1



Philip Frankow  
Diamond Drill 05+11

Q - 11 K  
11 - 11 K  
11 - 11 K

# DIAMOND DRILL RECORD

NAME OF PROPERTY Philip L. Frankow MA1302 CLN 133452  
 HOLE NO. 05-11 LENGTH 2.05 Metres  
 LOCATION Neill Township G2476, claim 116360 Mining Division: South St. Marie District: Sudbury  
 LATITUDE \_\_\_\_\_ DEPARTURE \_\_\_\_\_  
 ELEVATION 445 M. AZIMUTH 190° To South DIP 45° Hole  
 STARTED November 02, 2005 FINISHED Nov 08 2005 (1 day of Drilling)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 05-11 SHEET NO. 1  
 REMARKS J.K. Smit Winkie Drill 1 1/2" Core  
STRIKE OF ROCK 135° Dip 58° North  
Overburden (Drilled Casing Pipe) Approx 30 Metres  
 LOGGED BY Philip Frankow

Philip Frankow May 29, 2006

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0.0 M.	2.05 M.	Tuff - Medium Gray, Fine Grained, Siliceous Micaceous, very weakly foliated, gritty felt across grain, slightly greasy parallel to grain on fresh break. Non magnetic, No reaction to 20% acid test. Quartz carbonate stringers (< 5mm width) approx 5 per metre with some lt. brown staining. Many fractures (blocky) probably from localized weathering - brown stain on fractures. Very finely dispersed pyrite (lt. black).									
.38 M.	.5 M.	Quartz/Feldspar, milky white - lt. pink, tourmaline seams? < .25% Pyrite, trace chalc. py. Contacts sharp no obvious chill margin.									
.635 M.	.86 M.	Quartz/Feldspar/muscovite/biotite (lt. black tourmaline?) vein. Lt. gray pink occasional pink feldspar pheno crystals (5mm).									
.8 M.	1.12 M.	Core blocky, brown staining on fractures.									
1.0 M.	1.25 M.	Quartz/Feldspar seam with 2 narrow tuff seams (3cm milky white, lt. gray, pink staining. Lt. mica schist. brown staining in hair like seams, lower 5cm. milky white, lt. gray containing a few lt. black flecks (Tourmaline?).									
1.52 M.	1.57 M.	Partial Quartz/Feldspar cross cutting foliation. Milky white/lt. gray, minor muscovite schist.									
2.02 M.	2.05 M.	Quartz/feldspar as described at .635 m.									



11/01/2005



11/03/2005



11/04/2005



11/04/2005

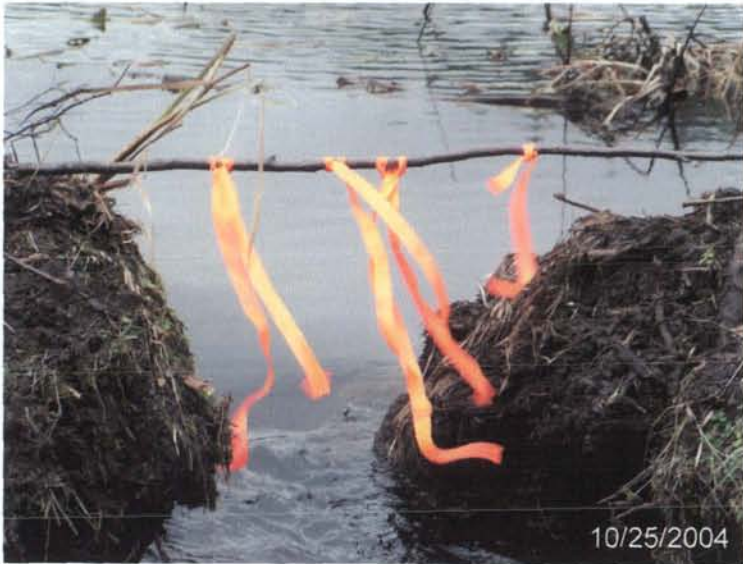


11/04/2005



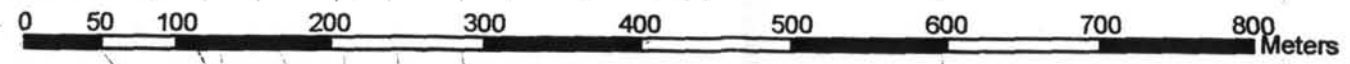
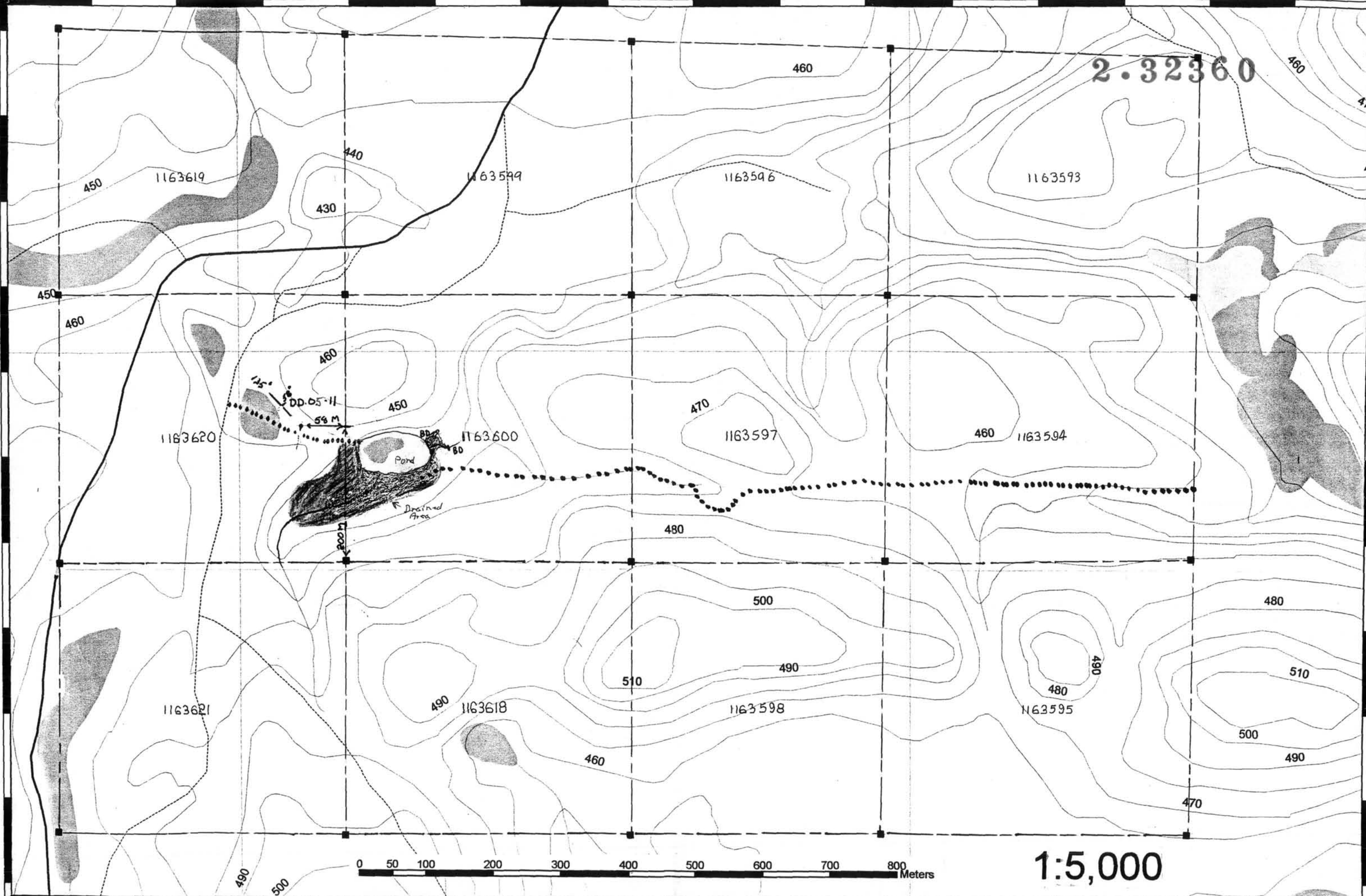
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