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*Diamond Drilling  
Meunier Property  
Claim 4270208*

Corrigal Township, Thunder Bay Mining Division

A.W. Beecham  
17<sup>th</sup> Sept. 2017

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Appendix I

Diamond Drill Log M-17-01

Appendix II

Qualifications and experience of author

## Introduction

One drill hole, collared on the north side of Carlotta Lake, was drilled under the lake to test an interesting interpreted structure. Winter ice conditions have not been favourable to drill this hole from the shallow lake and therefore an attempt is being made to test the structure from the shore. Work described here includes only the upper part of the hole. The lower part will be reported at a later date.

## Location, Access & Topography

The property lies approximately 10km NE of the town of Nipigon in the Thunder Bay District. It straddles the boundary between the Miller Lake Area, to the north and the Township of Corrigan to the south. Carlotta Lake lies in the south middle part of the 16 unit claim. Access for this work, was from Highway #11. From a point on Highway 11, some 12.7km north of the intersection with Highway #17, a rough, un-maintained gravel road leads ESE, more or less along a power line. It is readily accessible with 2 wheel drive vehicle to a point about 10.8km from the highway. Some of the remaining 2.5 to 3 km southward to the drill site can be traversed by pick-up truck, and this part was used by the drilling contractor. However, in wet weather an ATV would likely be necessary. An ATV was used beyond the 10.8km point in laying out and supervision of the drilling.

The general area is relatively rugged and where resistant diabase sills are present, they form the tops of prominent hills, such as those that lie south of the property. Here the relief is up to 150m. However, on the property and to the north relief is relatively low.

Most of the property, except possibly for the southwest corner, is underlain by the flat-lying sedimentary rocks of the Rosspoint formation. As is typical with flat-lying formations, even though the overburden is thin, only 4m at drill hole M-17-01 on the north shore of Carlotta Lake, there is very little outcrop. (The diabase sill possibly outcrops in the southwest corner of the claim.) Much of the area appears to be covered with clay over a thin till. Some till was noted where the ground rises northward from Carlotta Lake.

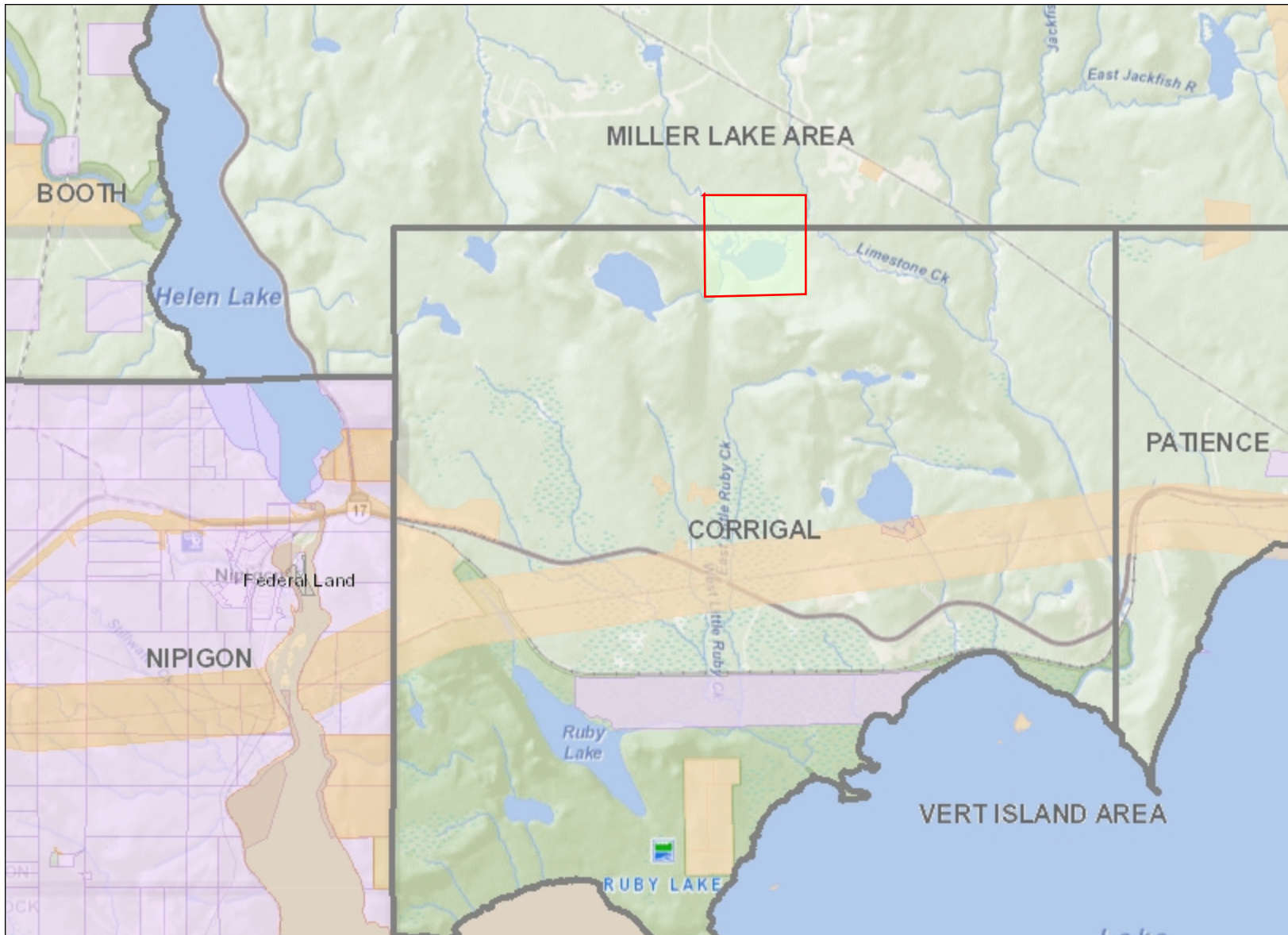
## Area Geology and Mineral Deposits

The claims and surrounding area are underlain by flat-lying to gently dipping Keweenaw, Supergroup rocks. These include the Sibley Group sedimentary rocks of >1339 Ma age. Presumably, in the area of the property, this would be the Fire Hill Member of the Rosspoint Formation. Rogala et al (2005) describes the lithology of this formation as composed of siltstones, sandstones, siltstone-dolomite, dolomitic mudstone, stromatolitic chert-carbonate, and intraformational conglomerate. The Sibley Group is intruded by the 1107 Ma Nipigon diabase sill, which here forms the tops of 2 prominent hills south and southwest of the property. The rocks of the Sibley Formation lie unconformably on an Archean, 'granitic' basement.

Apart from some minor Pb/Zn showings 5 to 8 km ESE of the property, there are no significant, known mineral deposits in the immediate area. The research included a review of the OGS's Mineral Deposit Inventory, a search of the on-line assessment files and a study of available geological maps.

## Previous Work

No record of work on the property was found in the on-line assessment data base. Ontario government mapping has been done only at reconnaissance a scale (1"=4miles).



### Legend

- Administration Boundaries**
  - Mining Divisions
  - Resident Geologist District
  - Townships and Areas
  - UTM Grid
  - Geographic Lot Fabric
  - Other Federal Land
- Mineral Tenure Grid**
  - OMTG Tenure Grid
- Alienations**
  - Withdrawal
  - Notice
- Unpatented Claim**
  - Active
  - Reconciled
  - Pending
- Disposition**
  - Disposition
- Disposition Symbols**
  - Camp
  - Disposition Unknown/Pending
  - Freehold Patent Mining Rights Only
  - Freehold Patent Surface Rights Only
  - Freehold Patent Surface and Mining Rights
  - Land Use Permit
  - Leasehold Patent Mining Rights Only
  - Leasehold Patent Surface Rights Only
  - Leasehold Patent Surface and Mining Rights
  - License of Occupation Mining Use Only
  - License of Occupation Surface Use Only
  - License of Occupation Surface and Mining Rights
  - License of Occupation Uses Not Specified
  - Order in Council
  - Tower
  - WPLA
- Geology Layers**
  - AMIS Sites
  - AMIS Features
  - Drill Holes
  - Mineral Occurrences



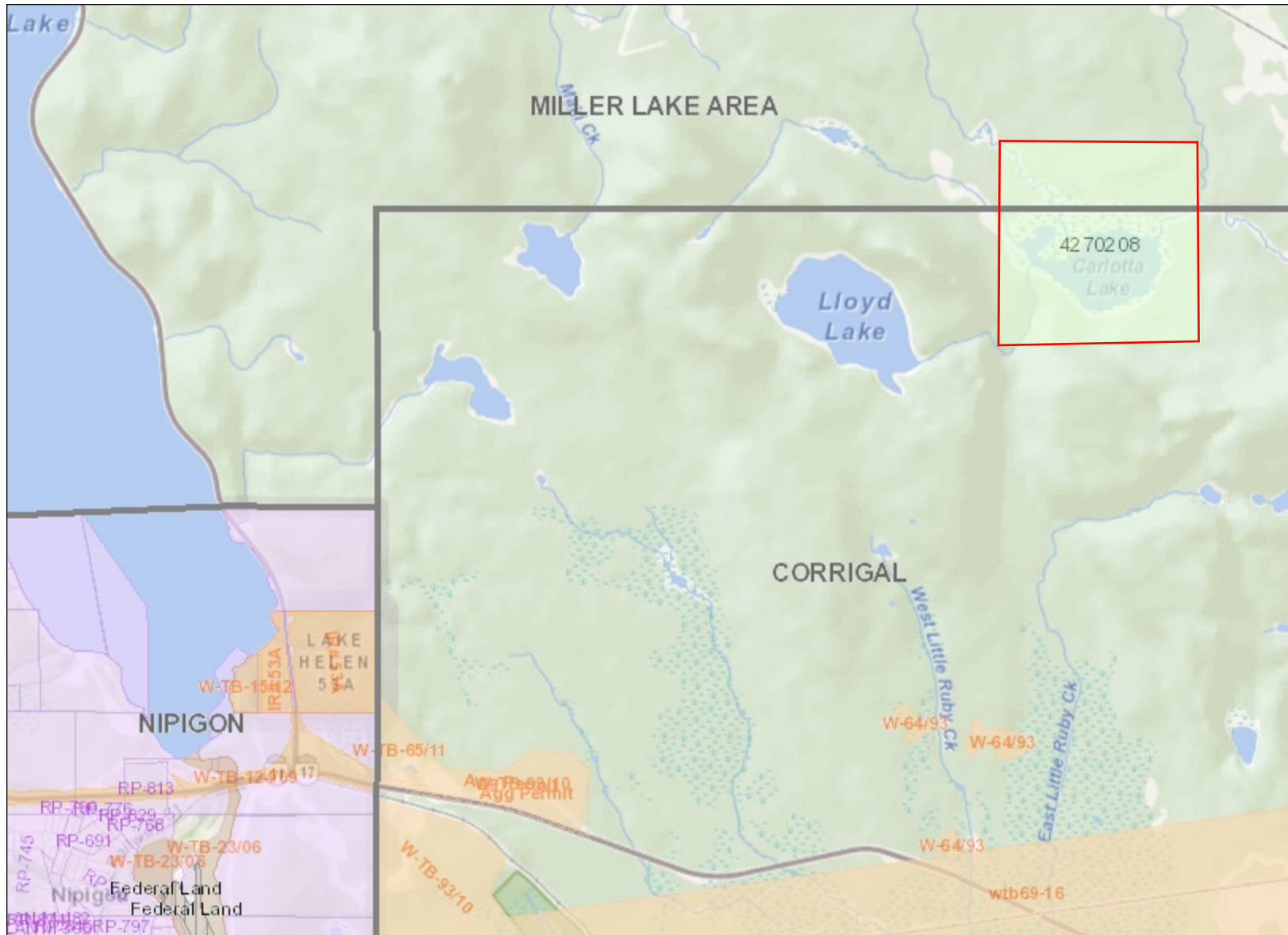
Projection: Web Mercator



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### Legend

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- Unpatented Claim**
  - Active
  - Reconciled
  - Pending
- Disposition**
  - Disposition
- Disposition Symbols**
  - Camp
  - Disposition Unknown/Pending
  - Freehold Patent Mining Rights Only
  - Freehold Patent Surface Rights Only
  - Freehold Patent Surface and Mining Rights
  - Land Use Permit
  - Leasehold Patent Mining Rights Only
  - Leasehold Patent Surface Rights Only
  - Leasehold Patent Surface and Mining Rights
  - License of Occupation Mining Use Only
  - License of Occupation Surface Use Only
  - License of Occupation Surface and Mining Rights
  - License of Occupation Uses Not Specified
  - Order in Council
  - Tower
  - WPLA
- Geology Layers**
  - AMIS Sites
  - AMIS Features
  - Drill Holes
  - Mineral Occurrences



Projection: Web Mercator



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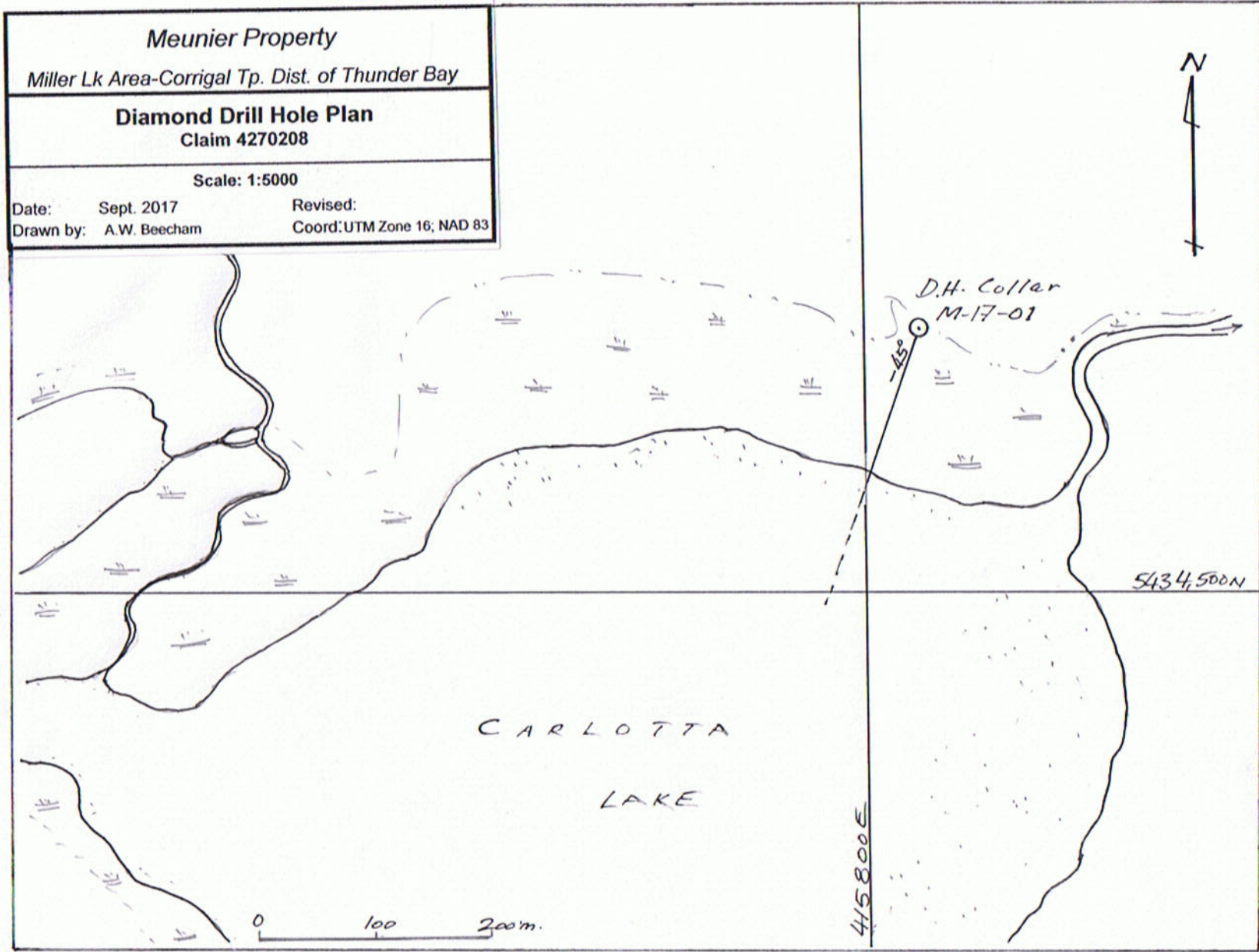


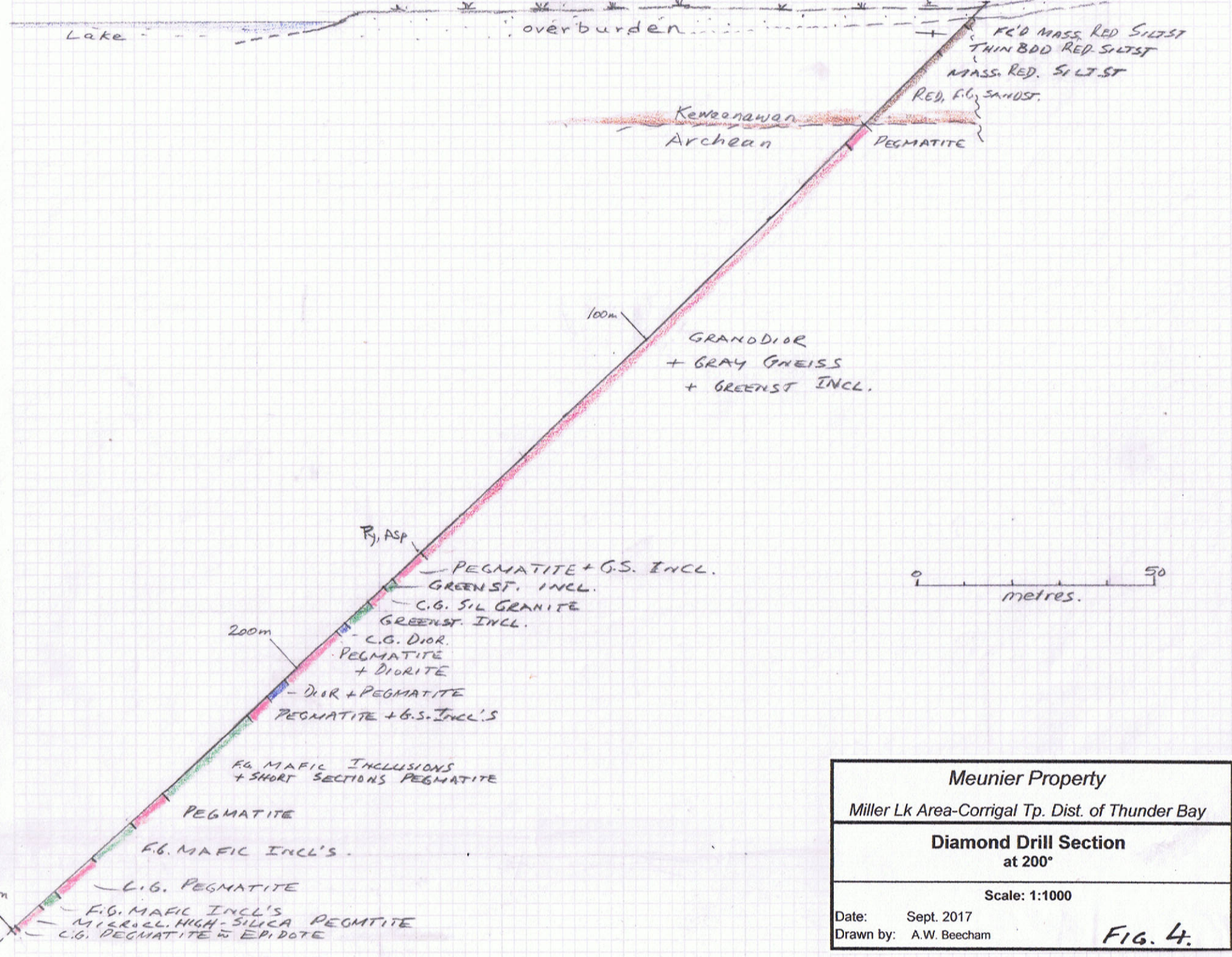
FIG.3.



SOUTH  
(200°)

(020°)

M-17-01





Property Description

The property details are as follows:

<u>Claim #</u>	<u>Recorded Date</u>	<u>Due Date</u>	<u>Remarks:</u>	<u>Recorded Claim Holder</u>
4270208	14 <sup>th</sup> Nov. 2012	31 <sup>st</sup> Oct. 2017	under extension	D. Meunier P.O. Box 1624 403 Goldrush St. South Porcupine, ON P0N 1H0

The work is being done under Exploration Permit Number PR-14-10617.

Description of Work

One drill hole was laid out to test an inferred, structure under Carlotta Lake. The collar was located with respect to the location of a distinct bend in the creek to the NE shore of the lake. It was drilled at an azimuth of 200° and a dip of 45°. Drilling is being done by contractor Vital Drilling Services of Val Caron, (Sudbury) ON. The supervising crew travelled to the area on 7<sup>th</sup> Sept. 2017 and the drilling equipment arrived on the 9<sup>th</sup> and 10<sup>th</sup> of the month. The first 4 boxes of core were removed from the site and logged by the author. The remainder of the drilling reported here was logged on the drill site by Consulting Economic Geologist, Paul Lindberg of Sedona, Arizona.

The first phase of drilling reached 281m. Drill hole M-17-01 passed through 32m of red sandy siltstone with dolomitic beds, (Keweenawin, Rosspport Formation). The core angles here suggest the beds are nearly flat-lying. No metallic minerals or other features of economic importance were noted. The hole entered the Archean basement rocks at 32m passing through granodiorite and pegmatites with abundant fine grained mafic xenoliths. There are also a few short sections logged as diorite. A minor occurrence of pyrite and arsenopyrite was noted at 165m.

Discussion and Recommendations

The location of the target structure is uncertain. Although the hole should have reached the target at the present depth, it is recommended that it be extended at least another 100m



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A.W. Beecham  
17<sup>th</sup> Sept. 2017

## References

Carter, M.W., McIlwaine W.H., Wisbey P.A. (1973)

Revised, Geological compilation, 1"=4miles; Nipigon-Schreiber Area, Map 2232; Ont. Geo. Survey;

Pye E.G. (1966)

Geological compilation, 1"=4miles; Nipigon-Schreiber Area, Map 2137 Ont. Geo. Survey

Rogala B., Fralick P.W. and Metsaranta R. (2005)

Open File Report 6174 Stratigraphy and Sedimentology of the Mesoproterozoic Sibley Group and Related Igneous Intrusions, Northwestern Ontario: Lake Nipigon Region Geoscience Initiative

Springer, Janet (1978)

Ontario Mineral Potential, Nipigon Sheet, Scale 1"=4miles; Map P1528; Ont. Geol. Survey

Appendix I

Diamond Drill Log  
M-17-01





From	To	Description	Structure	CA°	Alteration, Veins	Mineralization
0.0	6.0	CASING				
4 +/-	6.5	<u>FRACTURED, MASSIVE RED, SANDY SILTSTONE</u> : Same as unit 14.5 - 19.3	fractured and finely broken thru out, a little gouge, probably marks fault zone;		10 to 15% light grey bleached, spots	no metallic minerals;
6.5	14.5	<u>THIN-BEDDED, RED SANDY SILTSTONE</u> : dull, brick-red; greywacke-like; mainly silt with 15% fine quartz sand; H=3-4; Light grey beds mm to 20cm thick effervesce moderately and are therefore dolomitic;	bedding at 47 to 50°; some soft sediment deformation and features, such as load casts and fine flame structures;	49°	2mm to 2cm light grey, bleached spots affect 10 to 15% of unit; Dolomite in light grey beds probably primary; Spots look like pebbles, but some of them preserve bedding continuous with	no metallic minerals noted;
14.5	19.3	<u>MASSIVE, RED, SANDY SILTSTONE</u> : As above, except massive or thickly bedded with no light grey dolomitic beds;	core angles similar to above unit;		15% light grey alteration spots	no metallic minerals
						0m to 19.3m: logged by A.W. Beecham
19.3	36.0	<u>REDDISH, FINE-GRAINED SANDSTONE (Keweenawan)</u> ;	36m: Contact with basement rocks @ 45°			
36.0	41.5	<u>COARSE-GRAINED, MICROCLINE PEGMATITE</u> : (Archean Basement)				
41.5	165.0	<u>GRANODIORITE mixed with GRAY GNEISS &amp; GRANITE</u> ;				
165.0	173.0	<u>MIXTURE COARSE-GRAINED PEGMATITE &amp; GREENSTONE INCLUSIONS</u> ;				
173.0	175.5	<u>GREENSTONE INCLUSION</u> ;	165m: paper thin fracture at 00°			165m:Py & Asp (arsenpyrite) along 00° fr.
175.5	180.0	<u>COARSE, SIICEOUS GRANITE</u>				
180.0	186.5	<u>GREENSTONE INCLUSION</u> ;				
186.5	189.0	<u>COARSE-GRAINED DIORITE</u>				
189.0	199.5	<u>MICROCLINE-RICH, C.G. PEGMATITE</u>				
199.5	200.5	<u>F.G. DIORITE or RECRYSTALLIZED GREENSTONE INCLUSION</u> ;				
200.5	201.5	<u>PEGMATITE DIKE</u> ;				
201.5	202.0	<u>F.G DIORITE</u>				
202.0	203.5	<u>PEGMATITE DIKE</u> ;				
203.5	205.3	<u>F.G. DIORITE</u>				

From	To	Description	Structure	CA°	Alteration, Veins	Mineralization
205.3	208.5	<u>DIORITE plus PEGMATITE VEINS</u>	208.5: contact of f.g. pegmatite;			
208.5	214.0	<u>PEGMATITE with GREENSTONE INCLUSIONS</u>				
214.0	238.5	<u>F.G. MAFIC INCLUSIONS with minor Pegm't:</u>			223-224.3: white, microcline pegmatite + epidote;	
238.5	247.6	<u>PEGMATITE:</u>				
247.6	258.5	<u>F.G. MAFIC INCLUSIONS:</u>				
258.5	268.8	<u>C.G. PEGMATITE:</u>				
268.8	273.2	<u>F.G. MAFIC INCLUSIONS:</u>				
273.2	280.0	<u>WHITE, HIGH SILICA, MICROCLINE PEGMATITE:</u>				
280.0	281.0	<u>C.G. PEGMATITE</u>			with epidote	
	281.0	End of reporting Hole being continued, & will be reported later				
			19.3m to 281m: logged by		Paul Lindberg; Bachelor of Engineering Geology University of Minnesota Consulting Economic Geologist Sedona, Arizona 16-Sep-17	



## Appendix II

### Statement of Qualifications and Experience

This is to state that I, Arthur W. Beecham, resident of Haileybury, Ontario, hold a Bachelor of Science Degree (1962) in Geology from Carleton University, Ottawa and a Master of Science Degree in Geology (1969) from Queen's University, Kingston, Ontario.

I have worked as an Exploration and Mining Geologist continuously from graduation until the present. This includes work in Saskatchewan, NWT, Manitoba, Ontario, Quebec, Newfoundland, Botswana (southern Africa) and Uganda (East Africa). In this work I have been involved in exploration for sediment hosted Cu-Co deposits, pitchblende vein type uranium deposits, Archean VMS and gold deposits, tungsten-bearing skarns, Cu-Ni deposits and Ag-Co-carbonate vein deposits of Cobalt. I have also worked on development projects for gold deposits.

I have first-hand knowledge of the property, having helped to lay out the drill hole (in the field) and by supervising and logging the core for the upper part of the drill hole.

I have no direct or indirect interest in the property.

Haileybury, Ontario

17<sup>th</sup> Sept. 2017



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A.W. Beecham, B.Sc., M.Sc.