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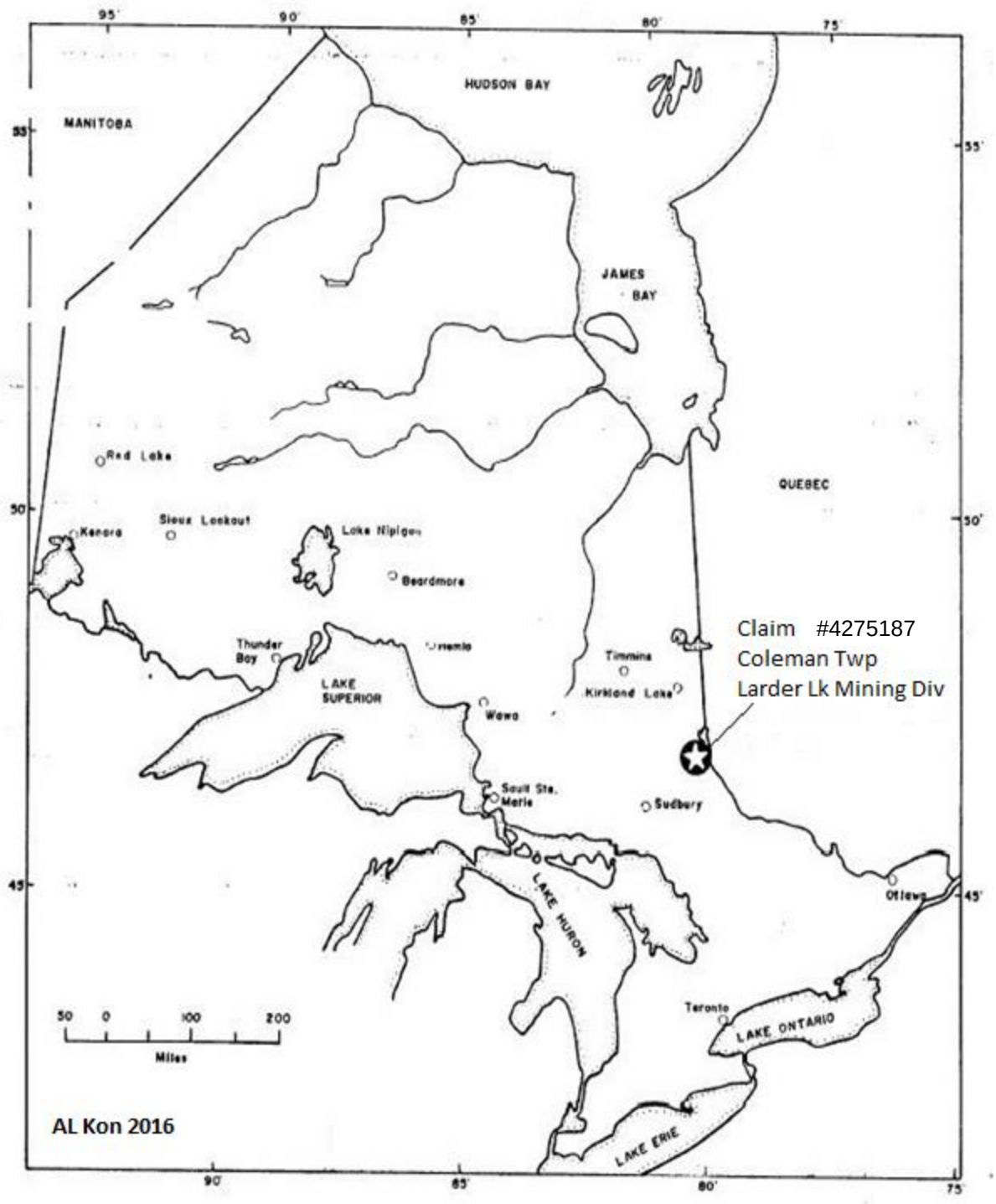
Assessment Work Report

Magnetometer Survey

On Claim # 4275187

By AL Kon

August 11, 2016


95°
90°
85°
80°
75°
55°
50°
45°
HUDSON BAY
MANITOBA
JAMES BAY
QUEBEC
Red Lake
Kenora
Sioux Lookout
Lake Nipigon
Beardmore
Thunder Bay
Timmins
Kirkland Lake
LAKE SUPERIOR
Wawa
Sault Ste. Marie
Sudbury
Ottawa
LAKE HURON
Toronto
LAKE ONTARIO
LAKE ERIE
Claim #4275187
Coleman Twp
Larder Lk Mining Div
50 0 100 200
Miles
AL Kon 2016

Index

Introduction

A Magnetometer survey was performed on claim #4275187 in Coleman Township on behalf of Hans Traimer who is the current claim owner.

AScintrex MP-2Proton Magnetometer was used for the geophysical survey along with a Garmin GPSmap 62stc and Garmin 62cs for navigation and sample station recording.

The Mag survey was performed on a non-cut grid using GPS stations only. There are nine lines and spacing is at 50 meters per line with approximately 25 meters betweenstations. Thesurvey was performed by Alan Kon and a helper

This assessment work report has been written by Alan Kon of Haileybury/North Cobalt.

Access & Location

Claim #4275187 is situated east of Gillies Lake, and south of highway 11B, beside Gillies Lake Rd.
The claim can be accessed by taking the Cobalt turn off to highway 11B east towards Cobalt Ontario then right on Gillies Lake Rd. Two bush trails access the claim from this road and the number 3 claim post is situated on the west side of Gillies Lake Rd.

Topography& Vegetation

The topographical setting for claim #4275187 is much the same as elsewhere in the Cobalt camp. Rolling hills, steep low cliffs, and a minimum amount of exposed rock along with a few small hills make up most of the topography in the area. Besides Gillies Lake and the Montreal River, water is sparse in the area with only few small ponds (mostly dried) and creeks. Swamps and low wet areas are at a minimum as well.

Vegetation is very heavy. Logging was done in the area prior to 1969. Tree types are varied from small to medium sized cedar, birch and willow to medium and large poplar. There are a few very large old white pines here and there and undergrowth is thick with dogwood, tag alders, scrub brush and other vegetation.

Wildlife

Generally most types of wildlife exist in the Cobalt area as in other parts of the Boreal Forest which includes songbirds, shorebirds, lots of partridge, mammals, reptiles and amphibians, and bugs… lots and lots of bugs.

Even though large wildlife has been observed in the Cobalt area, none was seen during the geophysical program. Just a few piles of bear poop here and there.

Regional and Property Geology

Claim #4275187 is located within a geological area known as the Cobalt embayment. The rocks that underlie the project area include basement forming Keewatin mafic to felsic metavolcanics and Algoman granitic rocks overlain by relatively flat lying Huronian metasediments. A Nipissing aged diabase unit, in the form of sills and dykes intrudes all of these rock types. Younger diabase dykes locally cross cut all of these rocks. Lamprophyre dykes of various ages intrude the Keewatin and Algoman rocks.
The rocks in the project area are strongly influenced by at least four major northwest trending regional scale fault structures. These include the Temiskaming Fault, the Crosswise Lake Fault, the Montreal River Fault and the Latchford Fault. Numerous cross-faults connect these major structures.

Historical Work

Claim#4275187 is in close proximity to the historical silver mining town of Cobalt Ontario. There has been very little work done on this claim in the past besides light prospecting and a few pits dug here and there. There is no known mineral occurrences on or in close proximity of this claim.

Work Program

Magnetometer Survey

The line spacing was mapped at 50 meters and stations were to be 25m apart.The GPS grid was set to an east-west direction The Mag operator would start at the first station taking readings every 25m and entering them directly into the GPS while using it to measure distance at the same time. The helper would walk ~25m to 50m in front of the operator to make sure the route was clear of obstacles and dangerous areas and to record any outcrops or exposed rock for future prospecting.

GPS/Satellites coverage was fairly good for most of Mag survey. There was only a few instances when a satellite lock was lost but that may have been due to the high over story and heavy brush. Solar activity during the survey was quiet to moderate.

Mag Survey Log

Aug 8	Plot GPS lines and stations
Aug 9	Start magnetometer survey on claim #4275187
Aug 10	Finish magnetometer survey on claim #4275187

Magnetometer Survey Results

The survey produced three interesting anomalies on claim #4275187. The large low mag anomaly on the west side of the claim is the most interesting. Low Mag anomalies in the Cobalt area has been known to indicate silver mineralization and sometimes gold and on rare occasions Kimberlite dikes or pipes. But large low mag anomalies can also indicate heavy or very deep overburden.

The high Mag anomalies to the east may indicate an iron formation or iron rich sulphide mineralization such as pyrrhotite which is very common in the Cobalt area. If pyrrhotite is the cause of the high mag anomalies, this would be a good indicator for a possible silver formation to the west or nearby.

Recommendations

It is highly recommended that further exploration be conducted on claim #4275187 starting with follow up prospecting, sampling and mapping. A soil sampling survey should be considered and possibly another magnetometer survey but in a north north/south direction and shorter station intervals at 10 to 12.5m.

Thank you.

Alan Kon

APPENDIX I

Line 1	55310		17 T 595265 5247932	319 m	8/9/16 7:08 PM			
	55299		17 T 595290 5247939	318 m	8/9/16 7:16 PM			
	55292		17 T 595321 5247930	320 m	8/9/16 7:18 PM			
	55291		17 T 595342 5247938	320 m	8/9/16 7:21 PM			
	55325		17 T 595368 5247949	316 m	8/9/16 7:23 PM			
	55375		17 T 595390 5247945	313 m	8/9/16 7:25 PM			
	55320		17 T 595413 5247946	311 m	8/9/16 7:27 PM			
	55300		17 T 595444 5247954	310 m	8/9/16 7:30 PM			
	55335		17 T 595453 5247969	309 m	8/9/16 7:32 PM			
Line 2	55313		17 T 595454 5247900	311 m	8/9/16 7:41 PM			
	55353		17 T 595424 5247902	312 m	8/9/16 7:43 PM			
	55340		17 T 595406 5247898	314 m	8/9/16 7:45 PM			
	55344		17 T 595378 5247891	319 m	8/9/16 7:47 PM			
	55313		17 T 595355 5247890	321 m	8/9/16 7:49 PM			
	55304		17 T 595324 5247891	323 m	8/9/16 7:51 PM			
	55299		17 T 595303 5247888	323 m	8/9/16 7:54 PM			
	55302		17 T 595279 5247900	323 m	8/9/16 7:57 PM			
	55304		17 T 595254 5247904	325 m	8/9/16 7:59 PM			
Line 3	55233		17 T 595262 5247859	321 m	8/10/2016 9:58			
	55244		17 T 595287 5247856	321 m	8/10/2016 10:00			
	55265		17 T 595316 5247851	321 m	8/10/2016 10:02			
	55262		17 T 595334 5247850	322 m	8/10/2016 10:04			
	55269		17 T 595353 5247851	320 m	8/10/2016 10:06			
	55268		17 T 595365 5247848	319 m	8/10/2016 10:07			
	55277		17 T 595389 5247847	316 m	8/10/2016 10:09			
	55277		17 T 595412 5247849	314 m	8/10/2016 10:10			
	55272		17 T 595434 5247850	311 m	8/10/2016 10:12			
	55293		17 T 595462 5247847	309 m	8/10/2016 10:14			
	55256		17 T 595489 5247855	307 m	8/10/2016 10:16			
Line 4	55248		17 T 595472 5247798	307 m	8/10/2016 10:21			
	55297		17 T 595447 5247807	309 m	8/10/2016 10:24			
	55308		17 T 595398 5247796	316 m	8/10/2016 10:29			
	55292		17 T 595422 5247802	312 m	8/10/2016 10:27			
	55268		17 T 595374 5247800	319 m	8/10/2016 10:31			
	55273		17 T 595348 5247806	320 m	8/10/2016 10:33			
	55256		17 T 595320 5247802	321 m	8/10/2016 10:35			
	55284		17 T 595296 5247799	319 m	8/10/2016 10:36			
	55246		17 T 595270 5247797	319 m	8/10/2016 10:39			
Line 5	55244		17 T 595272 5247752	318 m	8/10/2016 10:46			
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	55242		17 T 595326 5247758	317 m	8/10/2016 10:54			
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	55262		17 T 595398 5247754	318 m	8/10/2016 11:00			
	55255		17 T 595426 5247754	313 m	8/10/2016 11:03			
	55273		17 T 595453 5247757	308 m	8/10/2016 11:06			
	55277		17 T 595471 5247756	304 m	8/10/2016 11:08			

Line 6	55287		17 T 595475 5247705	307 m	8/10/2016 11:15		
	50530		17 T 595451 5247699	313 m	8/10/2016 11:17		
	55289		17 T 595425 5247706	315 m	8/10/2016 11:22		
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	55256		17 T 595346 5247706	316 m	8/10/2016 11:31		
	55250		17 T 595325 5247699	315 m	8/10/2016 11:33		
	55244		17 T 595294 5247705	315 m	8/10/2016 11:36		
	55283		17 T 595272 5247699	315 m	8/10/2016 11:38		
Line 7	55237		17 T 595277 5247656	313 m	8/10/2016 11:47		
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	55243		17 T 595306 5247655	314 m	8/10/2016 11:51		
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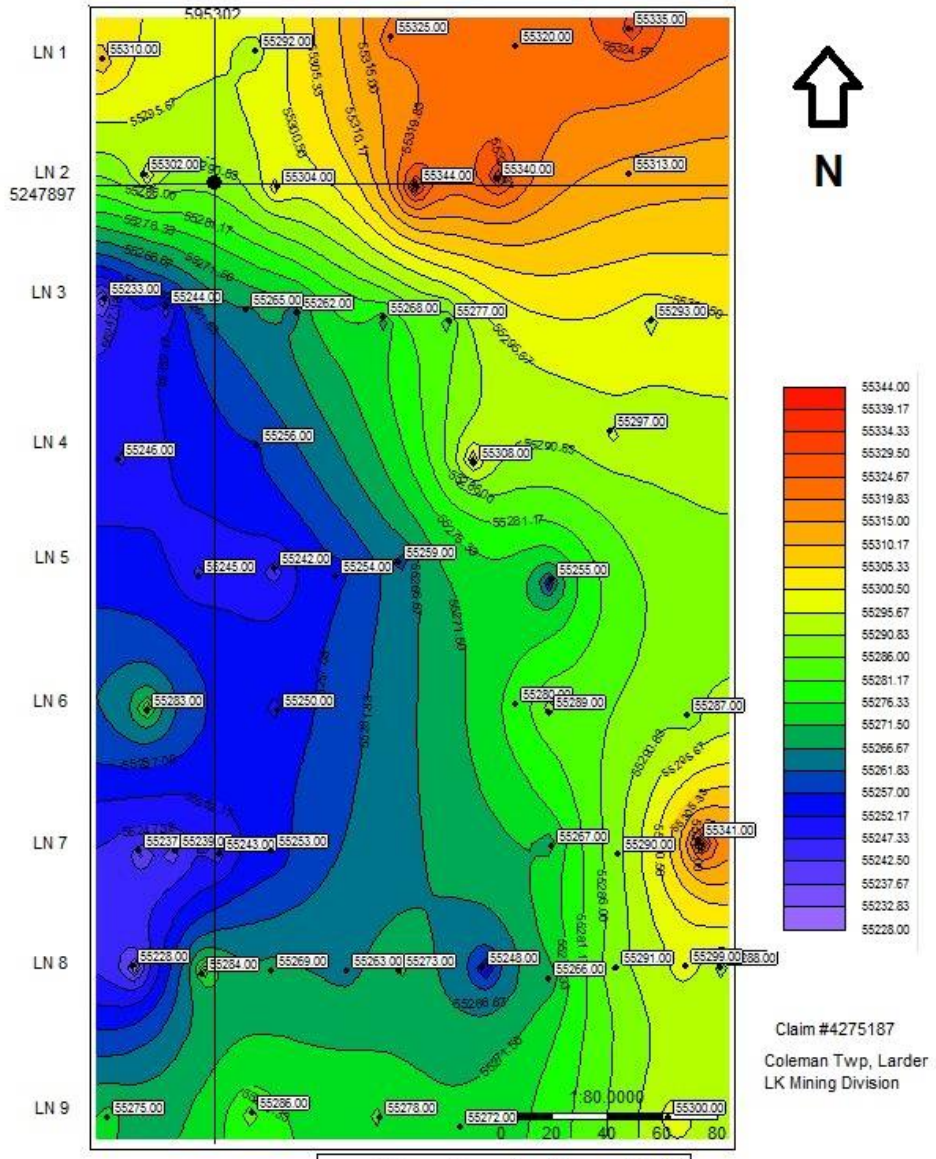
	55267		17 T 595426 5247654	315 m	8/10/2016 12:02		
	55290		17 T 595450 5247655	314 m	8/10/2016 12:04		
	55341		17 T 595478 5247652	314 m	8/10/2016 12:06		
Line 8	55228		17 T 595275 5247615	313 m	8/9/2016 11:06		
	55284		17 T 595300 5247612	315 m	8/9/2016 11:14		
	55269		17 T 595325 5247617	316 m	8/9/2016 11:17		
	55263		17 T 595353 5247620	316 m	8/9/2016 11:20		
	55273		17 T 595372 5247619	316 m	8/9/2016 11:23		
	55248		17 T 595401 5247622	316 m	8/9/2016 11:27		
	55266		17 T 595425 5247610	316 m	8/9/2016 11:31		
	55291		17 T 595449 5247614	316 m	8/9/2016 11:35		
	55299		17 T 595477 5247622	316 m	8/9/2016 11:37		
	55288		17 T 595495 5247614	316 m	8/9/2016 11:40		
Line 9	55300		17 T 595468 5247560	320 m	8/9/2016 11:48		
	55301		17 T 595445 5247554	320 m	8/9/2016 11:55		
	55288		17 T 595419 5247554	320 m	8/9/2016 11:57		
	55272		17 T 595393 5247557	319 m	8/9/2016 12:00		
	55278		17 T 595364 5247560	319 m	8/9/2016 12:02		
	55291		17 T 595339 5247564	320 m	8/9/2016 12:05		
	55286		17 T 595318 5247567	319 m	8/9/2016 12:08		
	55263		17 T 595293 5247554	318 m	8/9/2016 12:12		
	55275		17 T 595266 5247560	316 m	8/9/2016 12:14		


August 10, 2016
11B
Highway 11B
Mag Survey Grid
Claim #4275187
Trail
Gillies Lake Rd
Gillies Lake
Bass Lake Rd
N
305
Line 4
start
p1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
GL RD
TRL
p3
p2
100 m



• Magnetometer Survey 2016

APPENDIX II

1.0 General Information

1.1 Introduction

The MP-2 is a portable proton precession magnetometer. Such instruments utilize the phenomenon of nuclear magnetic resonance to measure the flux density of the total mangetic field.

The MP-2 Sensor consists of a chamber filled with a proton rich fluid such as kerosene enclosed within two wire wound coils. When a current is passed through these coils for a short period of time, a magnetic field is set up which aligns the spinning protons. When this polarizing current is abruptly switched off, the protons begin to precess around the earth's magnetic field and eventually realign with it. This precession induces a small, exponentially decaying, AC signal in the sensor coils whose frequency is proportional to the flux of the ambient magnetic field (23.4874 gammas/Hz). This frequency is measured by the signal processing electronics of the MP-2, converted to a gamma value and presented on the digital display.

The MP-2 is designed for portable magnetic surveying. As no levelling is required, a rapid survey is possible to a high accuracy anywhere on the earth. An optional external battery kit converts the instrument easily for winter use. The sensor is either staff mounted, or carried in a backpack. Two separate attachment joints orient the sensor for either polar or equatorial use.

Coupled with a module into which the MP-2 is easily inserted, the magnetometer can be used as a base station unit for continuous analogue or digital recording. The entire unit of MP-2 and module is called the MBS-2 Magnetic Base Station. Full information on the MBS-2, shown in Figure 1, is available from Scintrex.

The carrying case is designed to serve as a shipping or storage container and should contain the following items:

1 console
1 sensor with cable
1 staff (in lid)
1 harness
1 manual
8 alkaline batteries
8 carbon-zinc batteries
1 spare sensor cable

Optional:
External Battery Kit consisting of:
2 battery cables
1 battery case

Reasonable care in handling should be exercised as this is a high precision instrument.

2.0 Specifications

The MP-2 has the following specifications:

Resolution	1 gamma
Total Field Accuracy	±1 gamma over full operating range
Range	20,000 to 100,000 gammas in 25 overlapping steps.
Internal Measuring Program	A reading appears 1.5 seconds after depression of the Operate Switch and remains displayed for 2.2 seconds for a total of 3.7 seconds per single reading. Recycling feature permits automatic repetitive readings at 3.7 second intervals.
External Trigger	External trigger input permits use of sampling intervals longer than 3.7 seconds.
Display	5 digit LED (light emitting diode) readout displaying total magnetic field in gammas or normalized battery voltage.
Data Output	Multiplied precession frequency and gate time outputs for base station recording using interfacing optionally available from Scintrex.
Gradient Tolerance	Up to 5000 gammas/meter.
Power Source	8 alkaline "D" cells proyide up to 25,000 readings at 25°C under reasonable signal/noise conditions (less at lower temperatures). Premium carbon-zinc cells provide about 40% of this number.
Sensor	Omnidirectional, shielded, noise-cancelling dual coil, optimized for high gradient tolerance.
Harness	Complete for operation with staff or back pack sensor.
Operating Temperature Range	-35°C to +60°C
Size	Console, with batteries: 80 x 160 x 250 mm Sensor: 80 x 150 mm Staff: 30 x 1550 mm (extended) 30 x 660 mm (collapsed)
Weights	Console, with batteries: 1.8 kg Sensor: 1.3 kg Staff: 0.6 kg

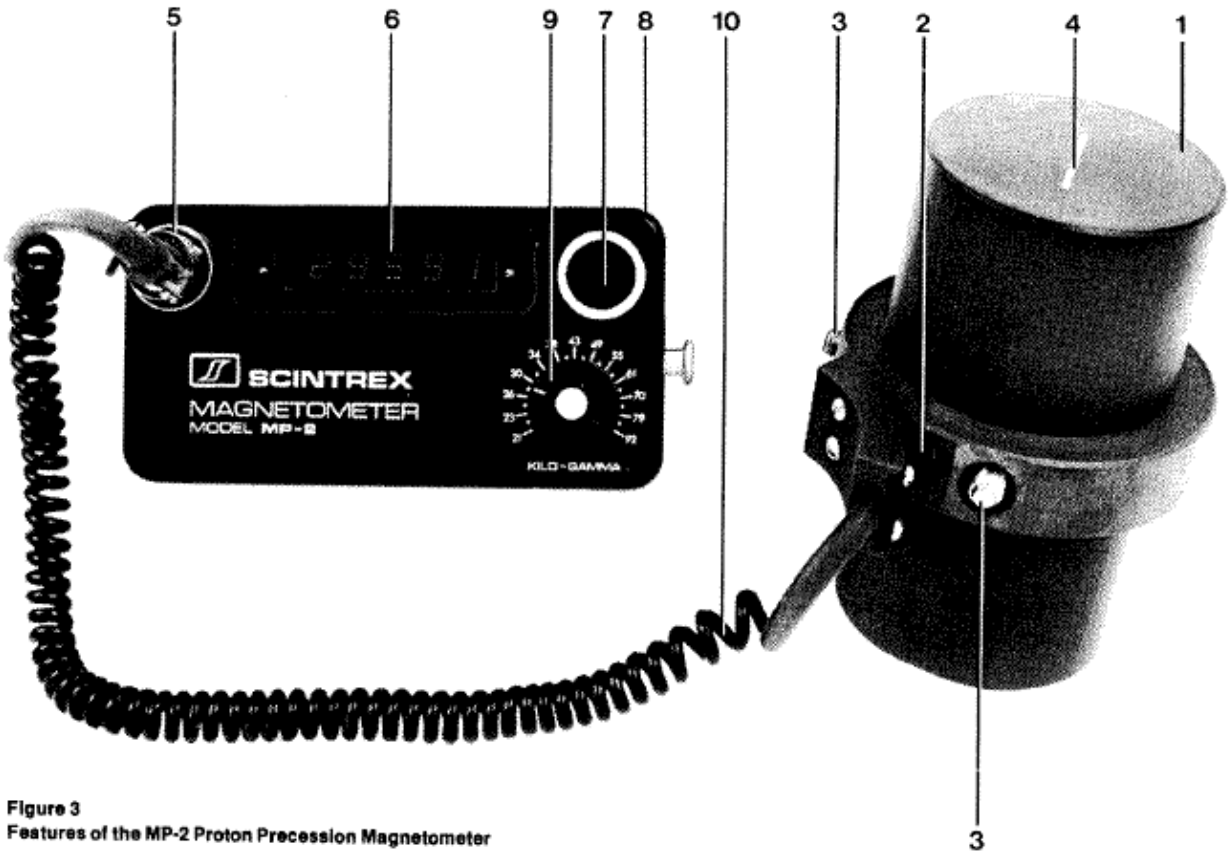


Figure 3
Features of the MP-2 Proton Precession Magnetometer

Garmin GPSmap 62st & 62cs

Physical & Performance

Physical dimensions	2.4" x 6.3" x 1.4" (6.1 x 16.0 x 3.6 cm)
Display size, WxH	1.43" x 2.15" (3.6 x 5.5 cm); 2.6" diag (6.6 cm)
Display resolution, WxH	160 x 240 pixels
Display type	transflective, 65-K color TFT
Weight	7.9 oz (223 g) with batteries
Battery	2 AA batteries (not included); NiMH or Lithium recommended
Battery life	20 hours
Water rating	IPX7
High-sensitivity receiver	✓
Interface	high-speed USB and NMEA 0183 compatible
Barometric altimeter	✓
Electronic compass	Yes (tilt-compensated 3-axis)
Unit-to-unit transfer (shares data wirelessly with similar units)	✓

Maps & Memory

Basemap	✓
Preloaded maps	yes (topographic)
Ability to add maps	✓
Built-in memory	3.5GB total space; 500MB available for use
Accepts data cards	microSD™ card (not included)
Custom POIs (ability to add additional points of interest)	✓
Waypoints/favorites/locations	2000
Routes	200
Track log	10,000 points, 200 saved tracks

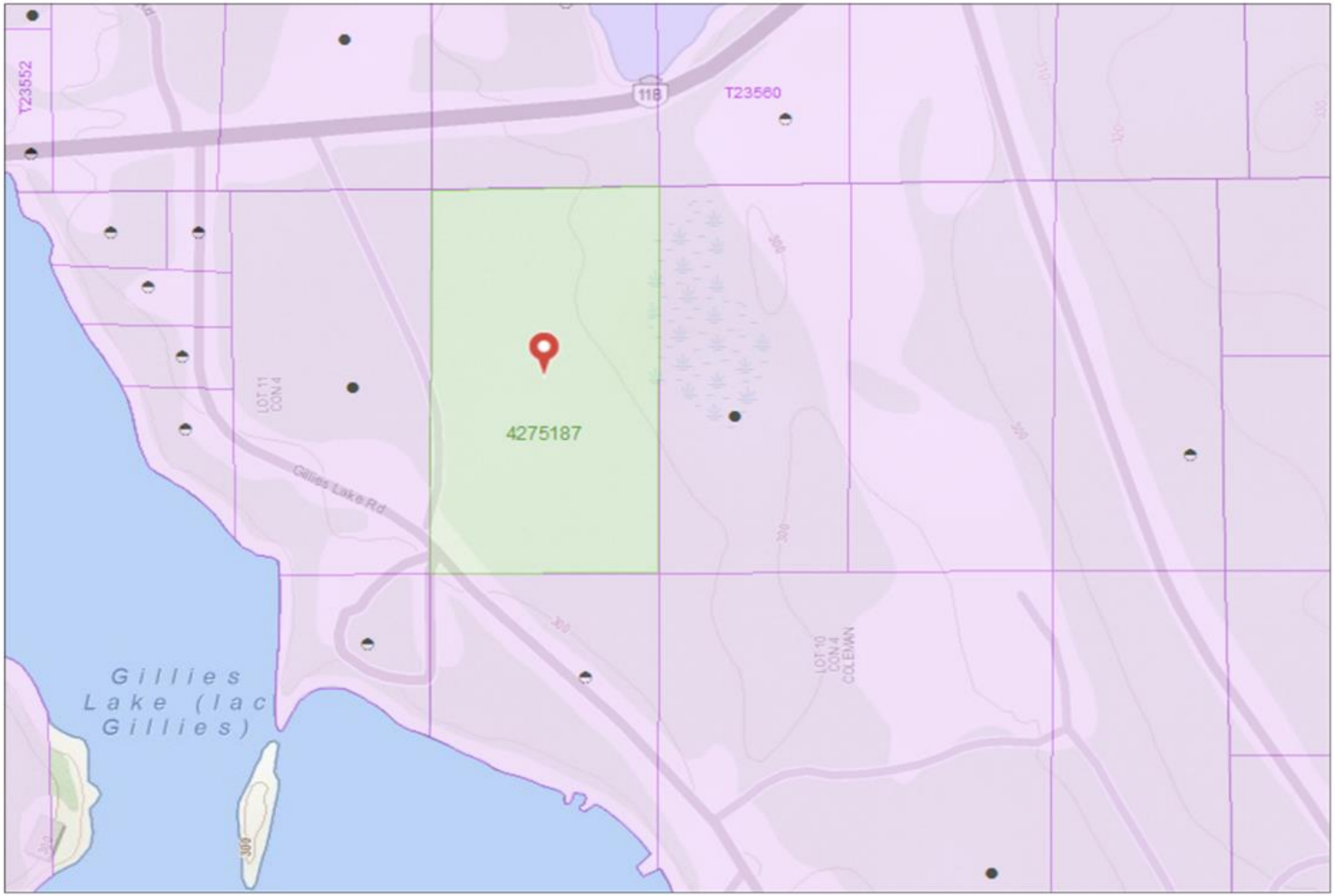
Ontario

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

CLAIMaps

Claim #4275187

Notes:
Enter map notes



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

0 0.3 km

Projection: Web Mercator

N