

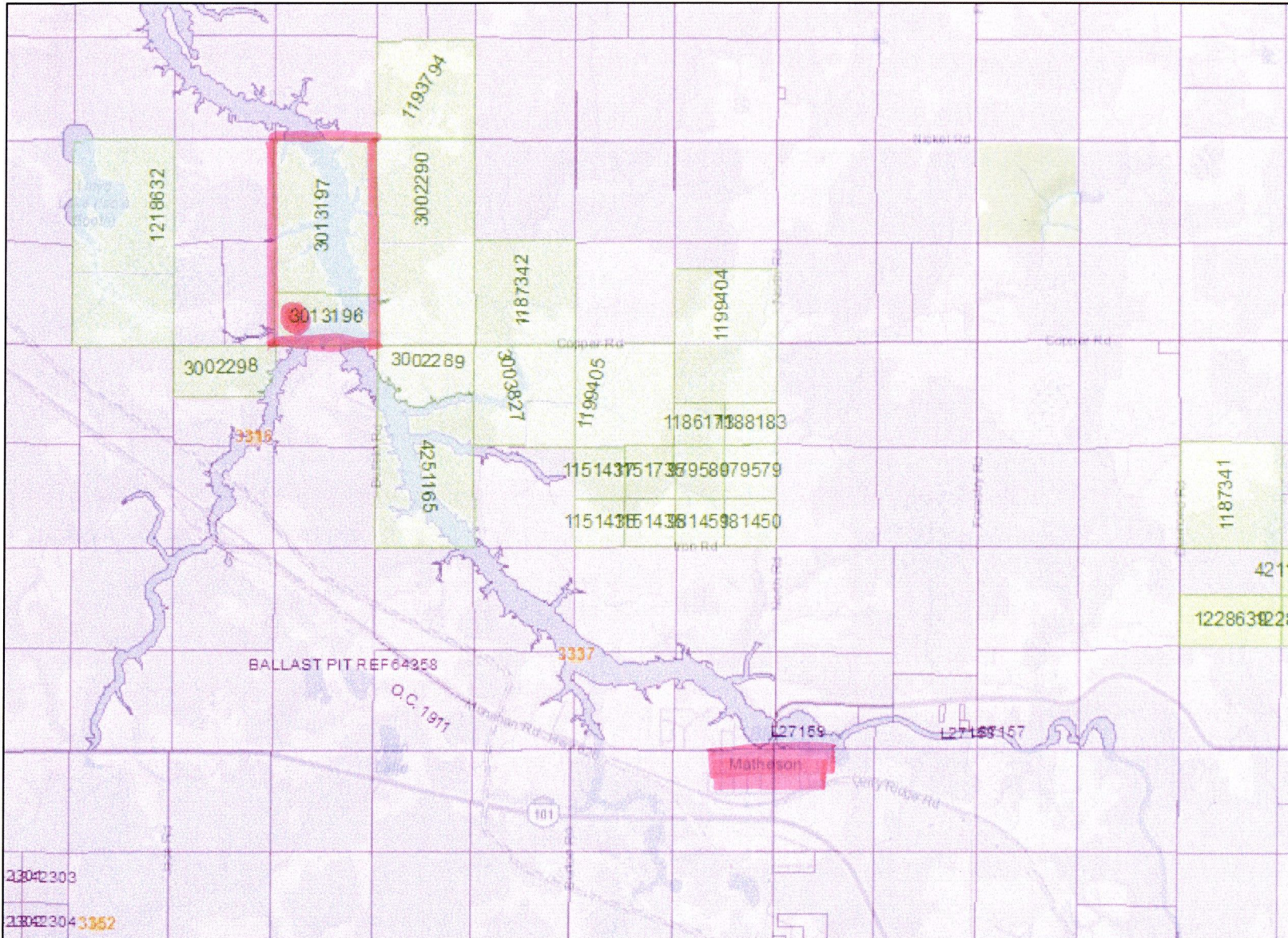
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WORK REPORT
CARR TOWNSHIP, LARDER LAKE MINING DIV.
ONTARIO

UTM NAD 83, ZONE 17
535600 E 5379600N

2.57260



Legend

- Administration Boundaries**
 - Mining Divisions
 - Resident Geologist District
 - Townships and Areas
 - UTM Grid
 - Geographic Lot Fabric
 - Other Federal Land
- Mineral Tenure Grid**
 - DMTG 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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INTRODUCTION

A Beep Mat Survey was conducted over an area in the west half of claim 3013196, Carr Township in the Larder Lake Mining Division. The purpose of this work was to locate any near surface, conductive or mineralized bedrock/float that could be exposed.

PROPERTY STATUS

The claim is recorded entirely in the name of Martyn Harrington, (Lic.K22526), of Kirkland Lake, Ontario.

LOCATION/ ACCESS

The claim is located in south central Carr Township, Lot 9, Con 3. and is accessed from the west on a winter logging road by ATV.

WORK HISTORY

Numerous other stakeholders of the past have explored the area for its gold potential and have proven the existence of gold in the area by diamond drilling. The claim has been held by the current holder since 2009, since then, only grassroots prospecting and geophysics have taken place in an effort to find values indicative of gold.

WORK PERFORMED/ RESULTS

The work was performed on October 10, 2016. A Beep Mat survey, utilizing an MNDM instrument from Kirkland Lake, was conducted to determine if any near surface conductive rock could be located. Control was maintained using a handheld Garmin GPS. Readings were noted at 25m intervals along lines spaced 50m apart, a total of 1km was surveyed over five 200m lines. The survey gave low readings of both high frequency/HFR and low frequency/LFR which is indicative of relative conductivity. No MAG values were displayed which indicates a lack of magnetite, therefore, the instrument did display intrinsic conductivity/Rt%. No near surface conductive bedrock or float was discovered during this survey.

RECOMMENDATION

Future work in this particular area should include soil geochem. Prospective areas could then be better defined by geophysics and drilling.

REFERENCES

MNDM Claimaps , Carr Township (G-3613)

1.1 Brief description of the Beep Mat

The Beep Mat is a simple and efficient electromagnetic prospecting instrument adapted to the search of outcrops and/or boulders containing conductive and/or magnetic minerals. It basically consists of a sleigh-shaped short probe and a reading unit. For prospecting, you pull the probe on the ground to be explored. The Beep Mat takes continuous readings while you walk and sends out a distinctive audible signal when detecting a conductive or a magnetic object in a radius of up to 3 meters. The Beep Mat directly detects and signals the presence of ores, even slightly conductive, containing chalcopyrite, galena, pentlandite, bornite and chalcocine. It also detects native metals (copper, silver, gold) as well as generally barren conductive bodies (pyrite, graphite and pyrrhotite), but which may contain precious ores such as gold or zinc (sphalerite), which are themselves non-conductive. Besides detecting conductors, the Beep Mat measures their intrinsic conductivity and their magnetic susceptibility (magnetite content). This helps geologists and geophysicists better interpret others geophysical and geological surveys.

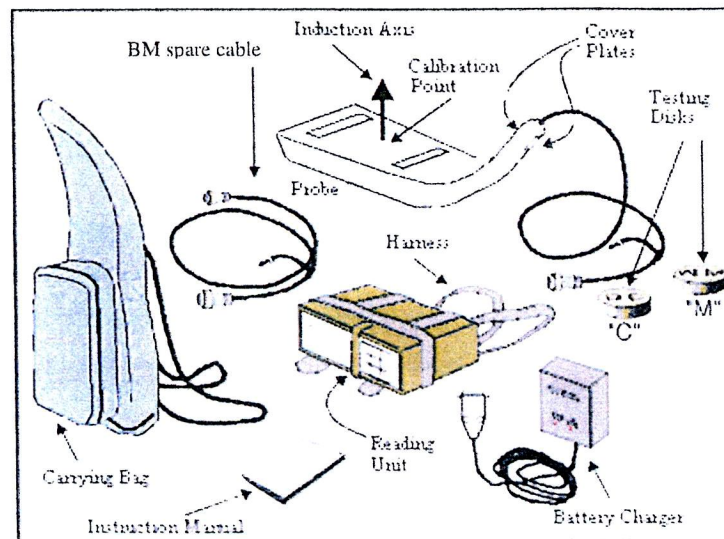


Illustration 1. Beep Mat components

Display

There are five types of display according to the operation mode. The following are: Beep Mat values or graphic, Mag, GPS or Date-Time-Battery. To change the type of display press the arrow keys [←] and [→] while the unit is in normal operating mode.

HFR	123	M:	1934
MAG	-10	Rt	0

Beep Mat Values

Signal interpretation

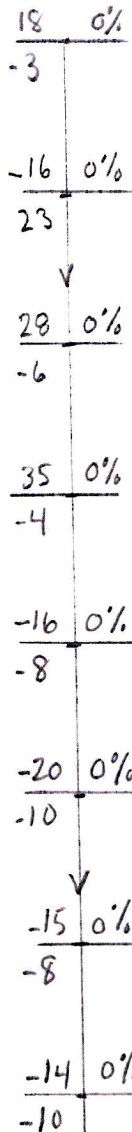
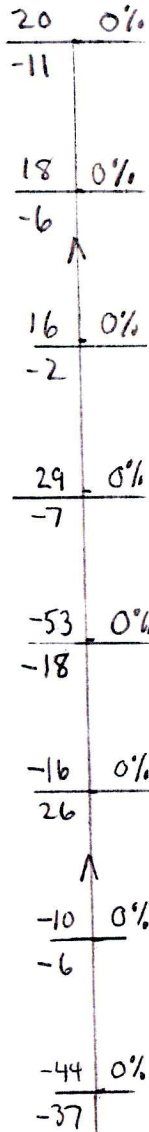
- **HFR** and **LFR** are respectively the High frequency (HFR) and Low frequency (LFR) response (relative conductivity). They increase near a conductor. The concentration of the sulfite will be proportional to the HFR/LFR response. We generally pick up a sample where the outcrop has the higher response. The High frequency (HFR) is always displayed. The Low frequency (LFR) is displayed as long as no magnetite is present, otherwise the unit displays **MAG** instead of **LFR**.
- **MAG** is the magnetic value (relative susceptibility) and decreases in presence of magnetite or fine ore granulation (magnetic content). A reading of -1000 corresponds approximately to 1% of magnetite.
- **Rt** is unaffected by the amount of conductive material (intrinsic conductivity). The Rt qualifies the conductor from 0%, poor conductor to 100%, excellent conductor (conductor quality). The Rt is calculated only if no magnetite is present. For HFR below 10 Hz, the Rt value is not precise enough and $Rt = 0\%$ will be displayed.

Threshold values

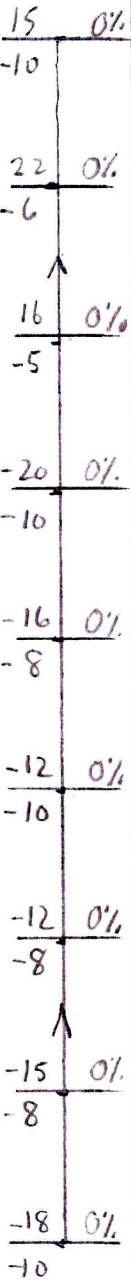
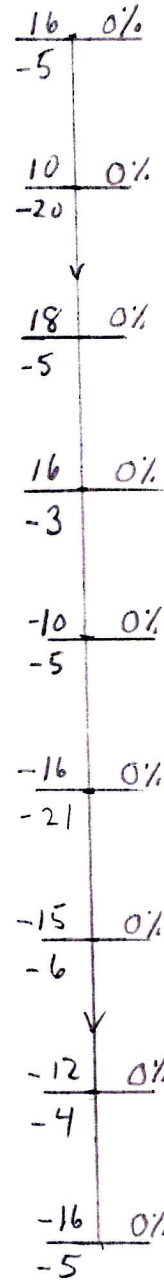
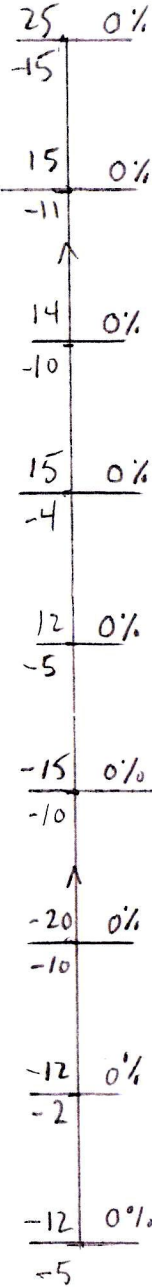
BEEP MAT GRID, CLAIM 3013196, CARR TWP.



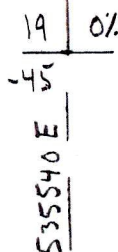
5379725N



LOT 9 - CON 3



5379525N



DATE: NOV. 4, 2016

READINGS: HF | RL%
LF |

SCALE: 1cm = 12.5m