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N.T.S. 32D05J

**REPORT ON GROUND MAGNETOMETER &
VLF ELECTROMAGNETIC (EM) SURVEYS
ON THE "A" TARGET
FIELD OF DREAMS PROPERTY
LARDER LAKE MINING DIVISION
HOLLOWAY-TANNAHILL TOWNSHIPS, ONTARIO**

**Written by: Robert J. Dillman 8901 Reily Drive
Mount Brydges, Ontario**

October 17, 2019

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Summary

This report summarizes the results of a combined ground magnetometer and VLF electromagnetic (EM) survey on the “A” Target on the Field of Dreams (FOD) Property located in Holloway and Tannahill Township. The surveys were completed by property owners: Robert Dillman and James M. Chard in on June 18, 2019. The surveys were assisted by property owner Dr. Jim Renaud who provided navigation and recorded surficial geology as surveys progressed. A total of 2.1 km were surveyed.

The surveys focused on an aeromagnetic high believed to be an intrusive body and a potential host for base metals and gold mineralization.

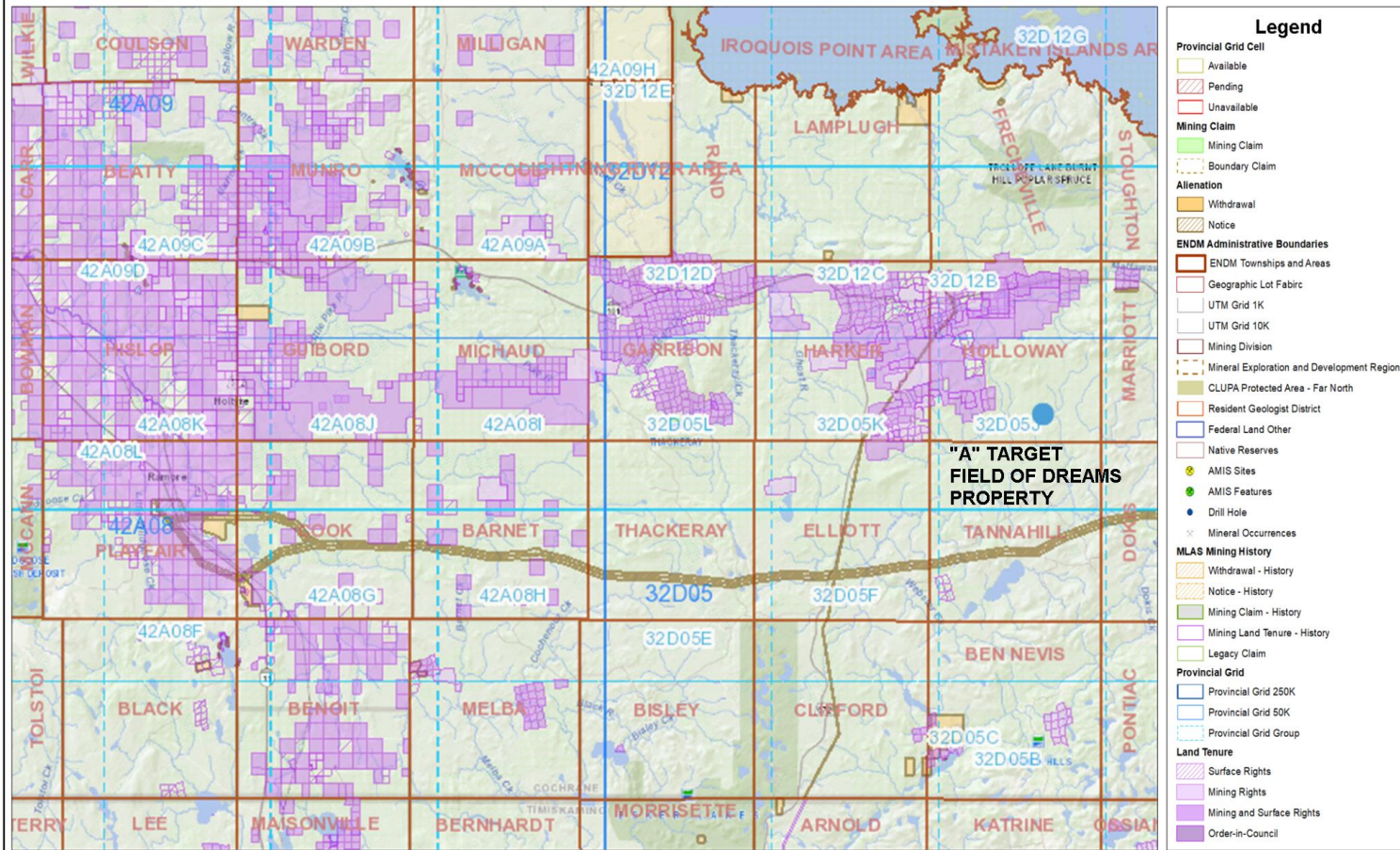
Location and Access

The Field of Dreams (FOD) Property is located in Holloway and Tannahill Townships in the Larder Lake Mining Division, Ontario. The property is located approximately 60 kilometres east of the town of Matheson (Figure 1).

The area where the surveys were completed can be reached from the town of Matheson by travelling east on Highway 101 for approximately 59 km to the intersection of Roscoe Road. Travel south on the Roscoe Road for approximately 5.5 km to an intersection of a small logging road on the west side of the Roscoe Road at UTM 598080mE, 5370561mN. Going southwest, a truck can be driven for a distance of 2.5 km where the road changes to a skidder trail and an ATV is required. The skidder trail runs east for a distance of 780 metres then bends south for 400 metres where it crosses the west side of the area surveyed.

Figure 1, Property Location Map

Notes: **FIELD OF DREAMS PROPERTY**



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Claim Logistics

Figure 2 outlines the extent of the FOD Property. The property consists of 60 contiguous mining claim cells and 10 boundary cells situated in Holloway and Tannahill Townships. The geophysical surveys were performed on sections of 2 claims within the property. The claims include:

| | |
|--------|-----------|
| 126889 | 32D05J173 |
| 276084 | 32D05J193 |

All claims comprising the Field of Dreams Property are equally owned by:

James M. Chard of Cordova, Ontario

Dr. Jim Renaud of London, Ontario

Robert J. Dillman (author) of Mount Brydges, Ontario

Land Status and Topography

The area where the geophysical surveys were performed is situated entirely on Crown Land. The property is uninhabited. There are no buildings or hydroelectricity.

The survey area is at a mean elevation of 295 metres above sea level. Most of the survey area is flat with very gentle relief ranging approximately to 2 to 5 metres in height.

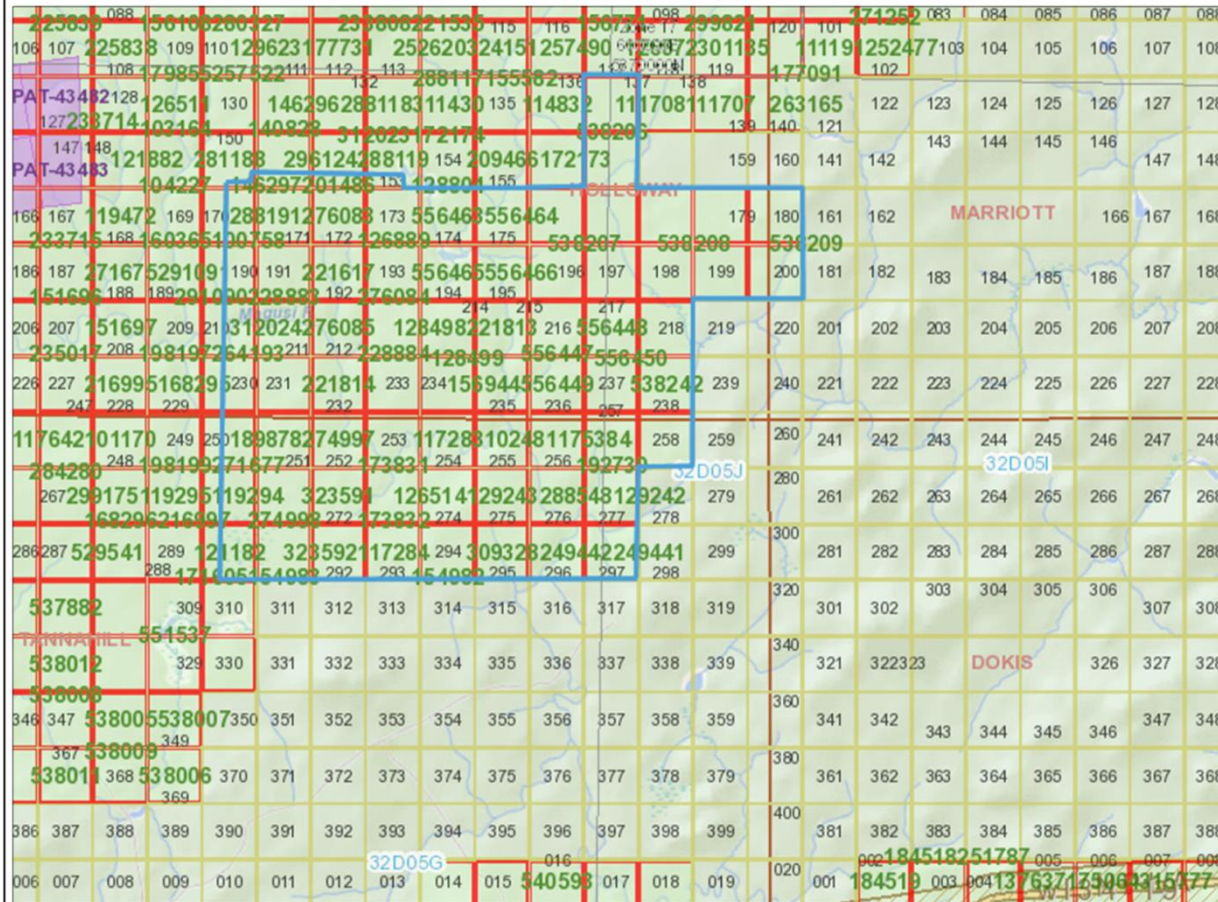
The area has poor drainage. The lowest areas are wet however not impassable. There is a beaver swamp in the northeast corner of the survey which was reasonably dry at the time of the survey.

No outcrop was observed in the survey area. Overburden consists of clay. A small, north-south orientated esker was observed just south of the area surveyed.

Sections of the property have been logged at various times. There are patches of forest still remaining in the central area of the survey and along the west side of the beaver swamp in the northeast corner. The forested areas are dominated by spruce, poplar and alders.

Figure 2. Field of Dreams Property

Notes:



Legend

- Provincial Grid Cell**
 - Available
 - Pending
 - Unavailable
- Mining Claim**
 - Mining Claim
 - Boundary Claim
- Alienation**
 - Withdrawal
 - Notice
- ENDM Administrative Boundaries**
 - ENDM Townships and Areas
 - Geographic Lot Fabric
 - UTM Grid 1K
 - UTM Grid 10K
 - Mining Division
 - Mineral Exploration and Development Region
 - CLUPA Protected Area - Far North
 - Resident Geologist District
 - Federal Land Other
 - Native Reserves
 - AMIS Sites
 - AMIS Features
 - Drill Hole
 - Mineral Occurrences
- MLAS Mining History**
 - Withdrawal - History
 - Notice - History
 - Mining Claim - History
 - Mining Land Tenure - History
 - Legacy Claim
- Provincial Grid**
 - Provincial Grid 250K
 - Provincial Grid 50K
 - Provincial Grid Group
- Land Tenure**
 - Surface Rights
 - Mining Rights
 - Mining and Surface Rights
 - Order-in-Council



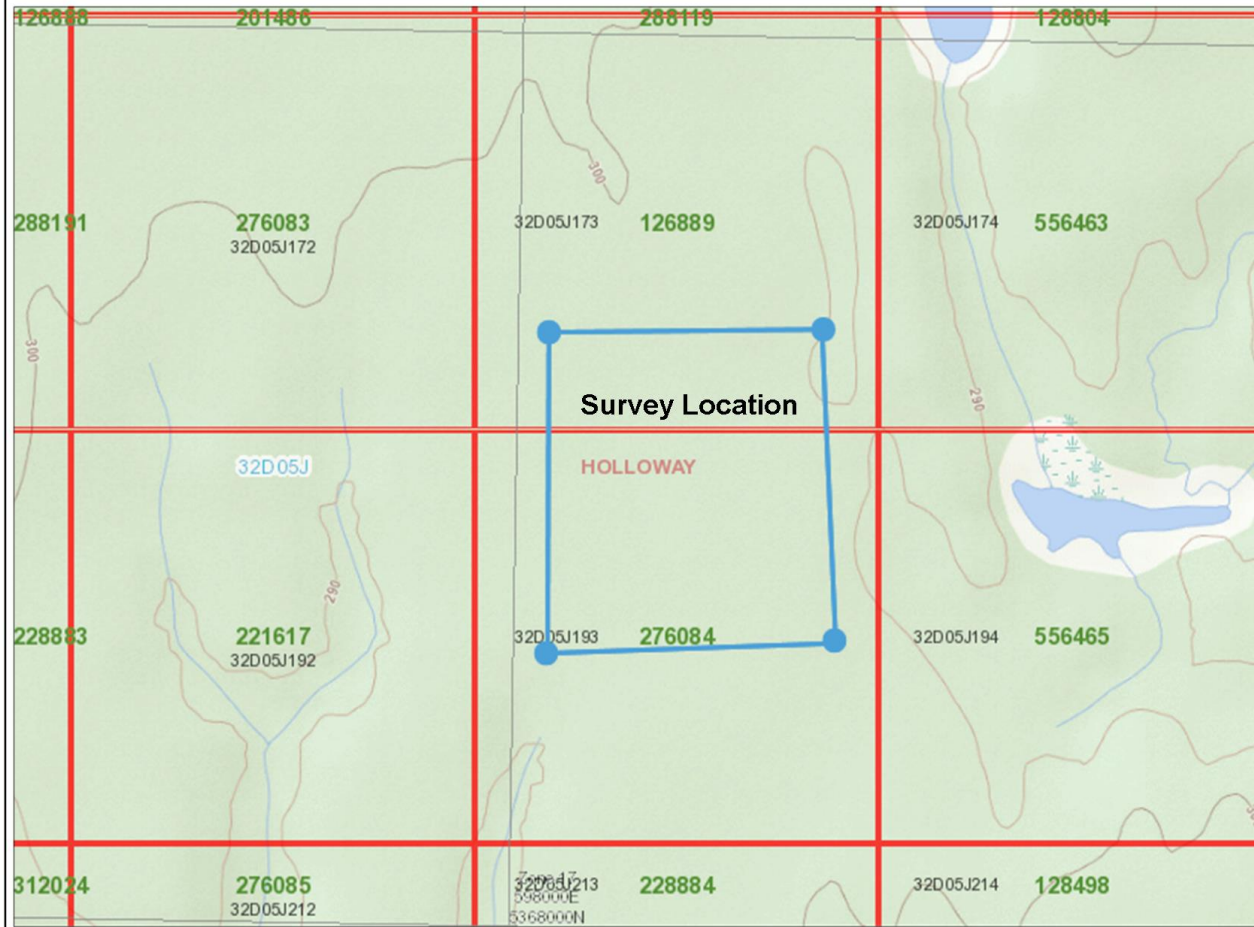
Projection: Web Mercator



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Legend

- Provincial Grid Cell**
 - Available
 - Pending
 - Unavailable
- Mining Claim**
 - Mining Claim
 - Boundary Claim
- Alienation**
 - Withdrawal
 - Notice
- ENDM Administrative Boundaries**
 - ENDM Townships and Areas
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 - AMIS Features
 - Drill Hole
 - Mineral Occurrences
- MLAS Mining History**
 - Withdrawal - History
 - Notice - History
 - Mining Claim - History
 - Mining Land Tenure - History
 - Legacy Claim
- Provincial Grid**
 - Provincial Grid 250K
 - Provincial Grid 50K
 - Provincial Grid Group
- Land Tenure**
 - Surface Rights
 - Mining Rights
 - Mining and Surface Rights
 - Order-in-Council



Projection: Web Mercator



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Regional and Local Geology

The survey area is located in the Harker-Holloway section of the Abitibi Greenstone Belt. The property is underlain by Archean units of the Lower and Upper Blake River assemblage dated 2704 to 2696 Ma. Units consist mostly of massive and pillowed flows of mafic metavolcanic rocks, gabbroic sills and plutons.

The property sits roughly 7 km south of the Destor Porcupine Fault Zone. The property is believed to be crossed by northeast trending faults and shear zones and by younger north trending faults.

No outcrop was observed in the survey area. The survey area is believed to be underlain by mafic metavolcanic flows and mafic intrusive rocks of the Lower Blake River Formation (Figure 4). Units strike northeast and dip steeply southeast.

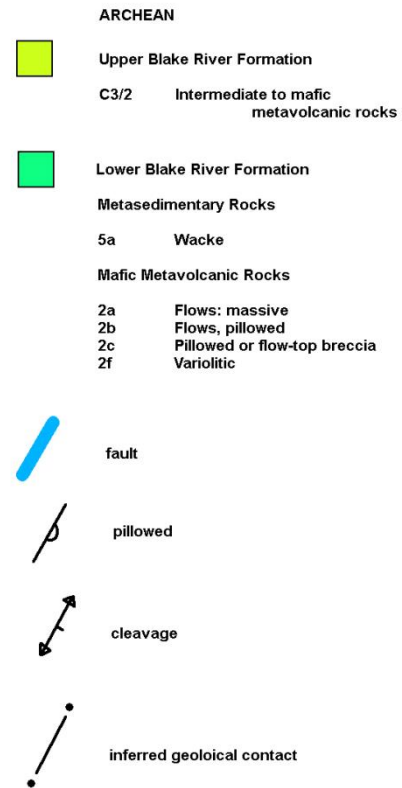
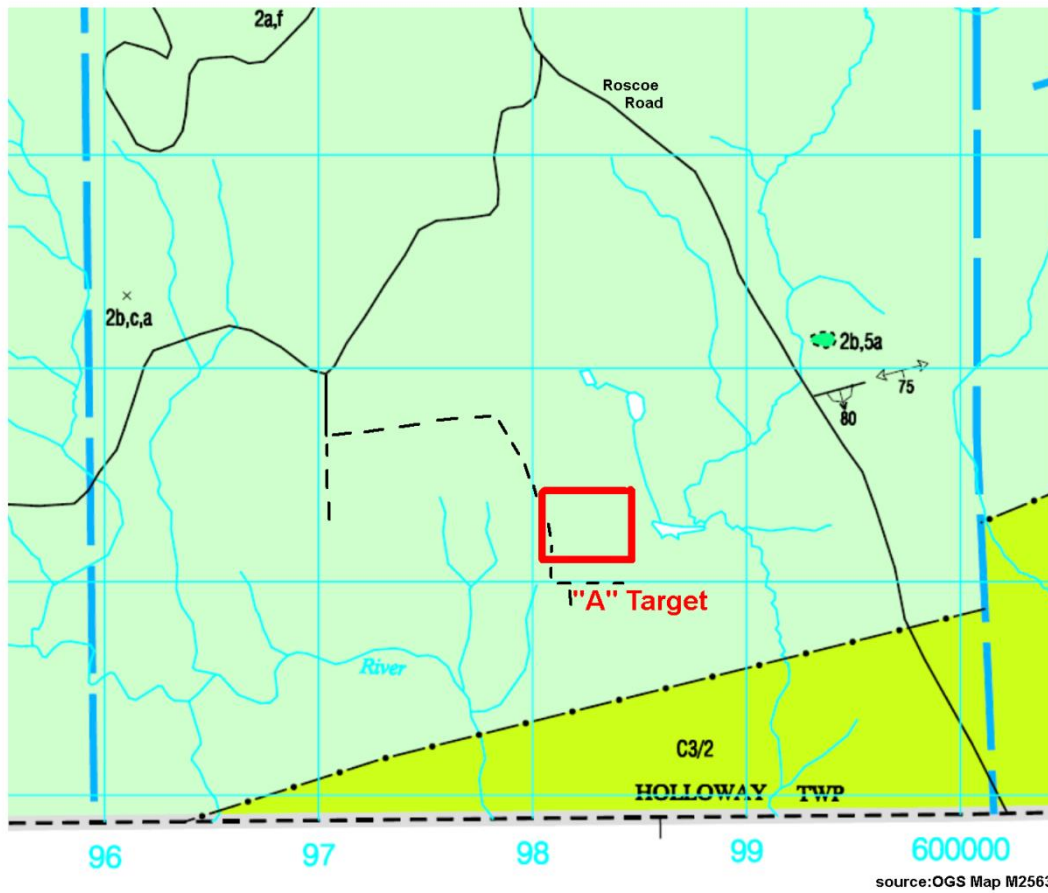


Figure 4. Geology Map
A - Target
Field of Dreams Property
Holloway Twp.

History of Exploration

Currently, gold is being mined at the Holt-McDermott and Holloway Mines in the northwest corner of the Holloway Township. Accordingly, a tremendous amount of exploration work is on record for the north and west sections of the township. But towards the southeast, increasing overburden has restricted exploration. Similarly, government geological information has been focused towards the northern section of the township along the Destor-Porcupine Fault and is vague for the area of the property.

The best geology maps covering the Holloway – Tannahill region are: Map P.2434 by L.S. Jensen (1982) and OGS Map 2563 by B.R. Berger, B. Liunstra and R.J. Ropchan. Tannahill Township was mapped and described in detail in OGS Report 165 by Jensen (Jensen, 1978). The first airborne geophysical survey is Aeromagnetic Map 42G published in 1951 by the Geological Survey of Canada. Holloway Township was flown again in 1983 by the OGS (OGS 1984) Map 80600 and again in 2003 using the MEGATEM System (Figure 5).

In 1982, the Canadian Nickel Company Limited flew an airborne magnetometer and VLF survey over Holloway Twp. which included the present survey area. The survey showed a northeast trend to underlying structures and rock units. (32D05NE0038)

In 1994, W. Weller mapped geology and surface features in the vicinity of Magusi River southwest of the current survey area. (32D05NE0043)

In 1997, a prospecting and geological survey was completed by S. Carmichael on behalf of Queenston Mining Inc. Outcrops of mafic metavolcanic rocks were found in the area however, no outcrop was found in the area covered by the present survey. (32D05NE2005)

In 2009, W. Weller mapped geology and surface features to the west of the current survey location. Outcrops were located just north of the Magusi River. (20000920)

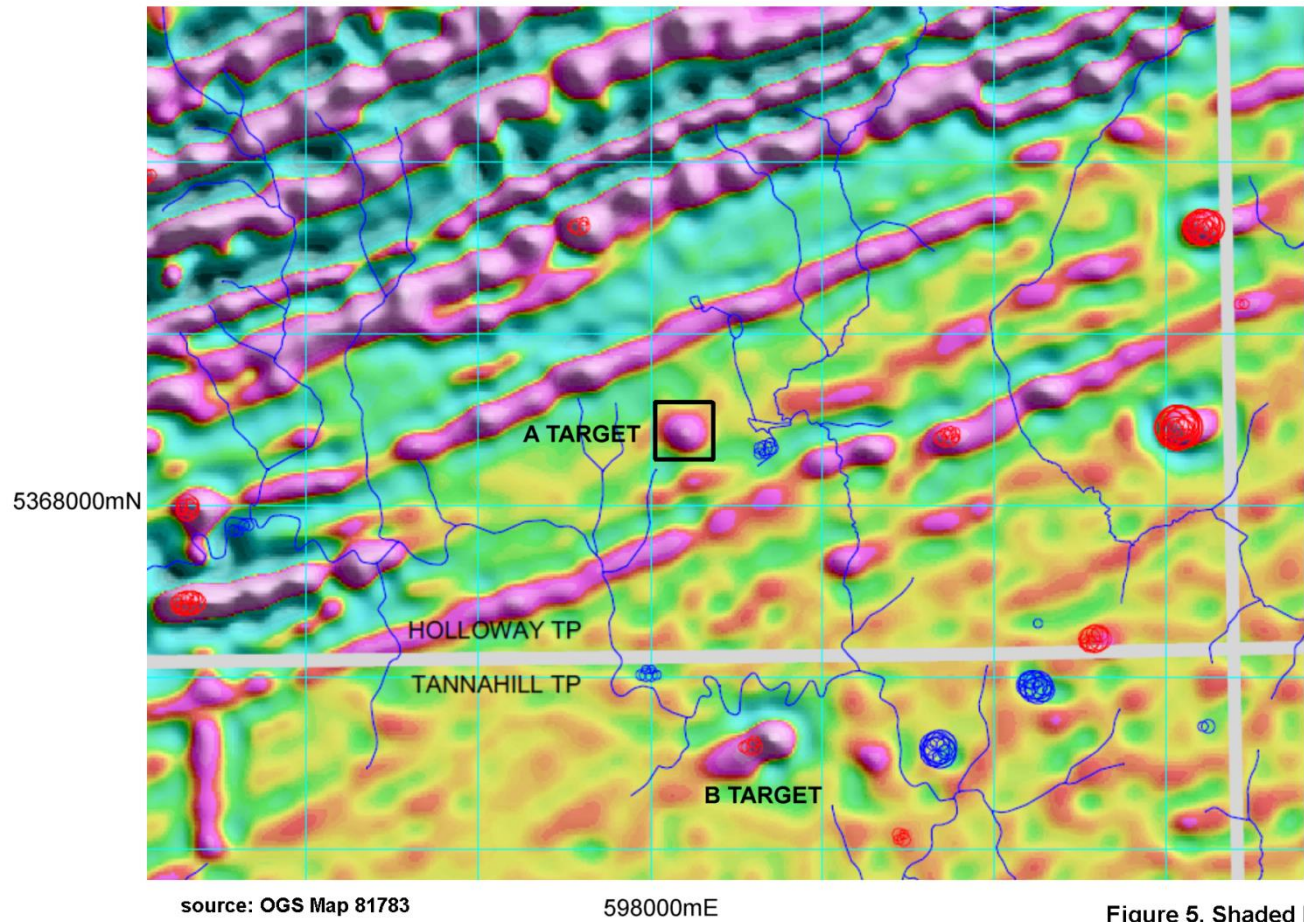


Figure 5. Shaded Image of Second Vertical Derivative of Magnetic Field and Keating Coefficients

Survey Dates and Personnel

The ground magnetometer and VLF-EM surveys over “A” Target were completed in 1 day on June 18, 2019.

The surveys were performed by property owners: James M. Chard of Cordova Mines, Ontario, Robert Dillman of Mount Brydges, Ontario and Dr. Jim Renaud of London, Ontario.

The VLF-EM instrument was operated by James Chard. The magnetometer instrument was operated by Robert Dillman. Jim Renaud assisted with navigation and recording geology.

Survey Logistics

The surveys were completed on a GPS controlled grid. The coordinates of the survey lines are appended to this report. Waypoints were recorded every 100 metres and at the end of lines. The survey lines were orientated 175° – 355° and spaced 50 to 100 metres apart. The lines ranged 350 metres in length. VLF readings were taken at 25 metre intervals along the lines. These stations were marked with flagging tape and given a grid coordinate. Magnetometer readings were taken at 12.5 metre intervals. A total of 2.1 kilometres was surveyed.

Magnetic readings are plotted, contoured and profiled on maps appended to this report. The maps are at a scale of 1 : 2,500. A base station was established for diurnal corrections on the Line 0 at 0+00 (598038mE, 5368654mN). Readings were corrected to 55,606 nanoTeslas (nT).

The magnetometer survey was completed using a Gem Systems proton magnetometer/ gradiometer model GMS-19T. The specifications of the instrument are appended to this report.

A VLF EM-16 unit made by GEONICS Limited was used to complete the electromagnetic survey. The instrument specifications for the EM-16 unit are appended to this report. The VLF station at Cutler, Maine, USA was used for the survey. The station transmits at 24.0 KHz. VLF-EM readings are plotted and profiled on maps appended to this report. The maps are at a scale of 1 : 2,500.

A Compass and GPS unit was used to navigate and calculate distances between readings. A Garmin GPS model RINO750 was used for the survey. The GPS was set to NAD83, Zone 17.

Survey Results

The magnetic susceptibility of the rocks within the survey area ranges from 55,525 nT to 55,733 nT.

The magnetometer outlined the "A" Target as a broad, low intensity magnetic high ranging 300 x 100 metres in size. The center on the magnetic high occurs on line 1+00E at 2+67S, UTM 598135mE, 5368400mN where it peaks at 55,733 nT. The magnetic feature strikes north and could be displayed towards the west by east-west orientated faults crossing the feature. One of these faults is believed to cross all the survey lines between 0+75S and 1+00s. This particular feature appears as a subtle magnetic high on several lines, the best example is on line 3+00E at 1+00S where it is coincident with a VLF-conductor. A similar structure appears to truncate the "A" Target in the south section of the grid.

The VLF survey detected three weak conductors. One conductive feature was traced at least 50 metres crossing lines 1+50E and 2+00E at 1+00S. This conductor could be associated with the fault suspected to the cross grid in this area. Single station conductors were detected on lines 3+00E at 1+00S and 2+00E at 3+25S. As previously described, the conductor on line 3+00E is coincident with the magnetic feature one line 3+00E at 1+00S. The single station conductor detected on line 2+00E at 3+25S is situated on the southeast flank of the "A" Target.

Discussion of Results

The "A" Target is believed to be an intrusive body measuring approximately 300 x 100 metres in size and elongated in a north-south direction. The intrusion could be gabbro, syenite or granite. All these types of intrusions occur in the area and some are hosts for base metal and gold mineralization. The magnetic feature could also be kimberlite which also occurs in the area.

The magnetic feature appears to be cut by an east-west orientated fault which is weakly conductive. The conductors on lines 1+50E, 2+00E and 3+00E appear to occur along this potential fault zone. Faults in the area are favorable sites for gold mineralization.

Conclusions and Recommendations

The "A" Target is most likely an intrusion displaced by subsequent faulting. Both structures are potential sites for base metals and gold. A Mobile Metal Ionization soil survey may reveal the mineral potential and provide incentive to test the "A" Target by drilling.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "R. J. Dillman", is written over a light gray rectangular background.

Robert J. Dillman P.Geo., B.Sc.

October 17, 2019

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Robert J. Dillman P.Geo, B.Sc.
ARJADEE PROSPECTING
8901 Reily Drive, Mount Brydges, Ontario, Canada, N0L1W0
Phone/ fax (519) 264-9278

CERIFICATE of AUTHOR

I, **Robert J. Dillman, Professional Geologist**, do certify that:

1. I am the **President** and the holder of a **Certificate of Authorization** for:

ARJADEE PROSPECTING
8901 Reily Drive
Mount Brydges, Ontario, Canada
N0L1W0

2. I graduated in 1991 with a **Bachelor of Science Degree** in **Geology** at the **University of Western Ontario**.

3. I am an active member of:

Association of Professional Geoscientists of Ontario, APGO
Prospectors and Developers Association of Canada, PDAC

4. I have been a **licensed Prospector in Ontario** since 1985.

5. I have worked continuously as a **Professional Geologist** for 28 years.


6. Unless stated otherwise, **I am responsible** for the preparation of all sections of the Assessment Report titled:

REPORT ON GROUND MAGNETOMETER & VLF
ELECTROMAGNETIC (EM) SURVEYS ON THE "A" TARGET
FIELD OF DREAMS PROPERTY, LARDER LAKE MINING DIVISION
HOLLOWAY - TANNAHILL TOWNSHIPS, ONTARIO

dated, October 17, 2019

7. I am not aware of any material fact or material change with respect to the subject matter of the Assessment Report that is not contained in the Assessment Report and its omission to disclose makes the Assessment Report misleading.

Dated this 17th day of October, 2019


Robert James Dillman P.Geo
Arjadee Prospecting



Appendix 1.

**UTM Coordinates for Survey Lines: A – Target
Field of Dreams Property
Holloway – Tannahill Townships, Ontario
NAD 87, Zone 17**

| Line | 0+00S | 1+00S | 2+00S | 2+75S | 3+00S | 3+50S |
|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 0+00 | 598038mE 5368652mN | 598057mE 5368552mN | 598047mE 5368454mN | | 598044mE 5368355mN | 598039mE 5368307mN |
| 0+50E | 598076mE 5368662mN | 598076mE 5368561mN | 598083mE 5368464mN | | 598091mE 5368364mN | 598092mE 5368314mN |
| 1+00E | 598110mE 5368662mN | 598127mE 5368565mN | 598132mE 5368469mN | | 598142mE 5368368mN | 598140mE 5368316mN |
| 1+50E | 598185mE 5368667mN | 598190mE 5368566mN | 598202mE 5368468mN | | 598219mE 5368371mN | 598225mE 5368322mN |
| 2+00E | 598236mE 5368666mN | 598251mE 5368564mN | 598256mE 5368467mN | | 598270mE 5368370mN | 598271mE 5368321mN |
| 3+00E | 598350mE 5368670mN | 598357mE 5368575mN | 598364mE 5368470mN | 598364mE 5368401mN | | 598369mE 5368326mN |

EM16 SPECIFICATIONS

| | |
|---------------------|---|
| MEASURED QUANTITY | Inphase and quad-phase components of vertical magnetic field as a percentage of horizontal primary field. (i.e. tangent of the tilt angle and ellipticity). |
| SENSITIVITY | Inphase: $\pm 150\%$ Quad-phase: $\pm 40\%$ |
| RESOLUTION | $\pm 1\%$ |
| OUTPUT | Nulling by audio tone. Inphase indication from mechanical inclinometer and quad-phase from a graduated dial. |
| OPERATING FREQUENCY | 15-25 kHz VLF Radio Band. Station selection done by means of plug-in units. |
| OPERATOR CONTROLS | ON/OFF switch, battery test push button, station selector switch, audio volume control, quadrature dial, inclinometer. |
| POWER SUPPLY | 6 disposable 'AA' cells. |
| DIMENSIONS | 42 x 14 x 9cm |
| WEIGHT | Instrument: 1.6 kg Shipping: 5.5 kg |



VLF-EM Instrument
serial number 16869

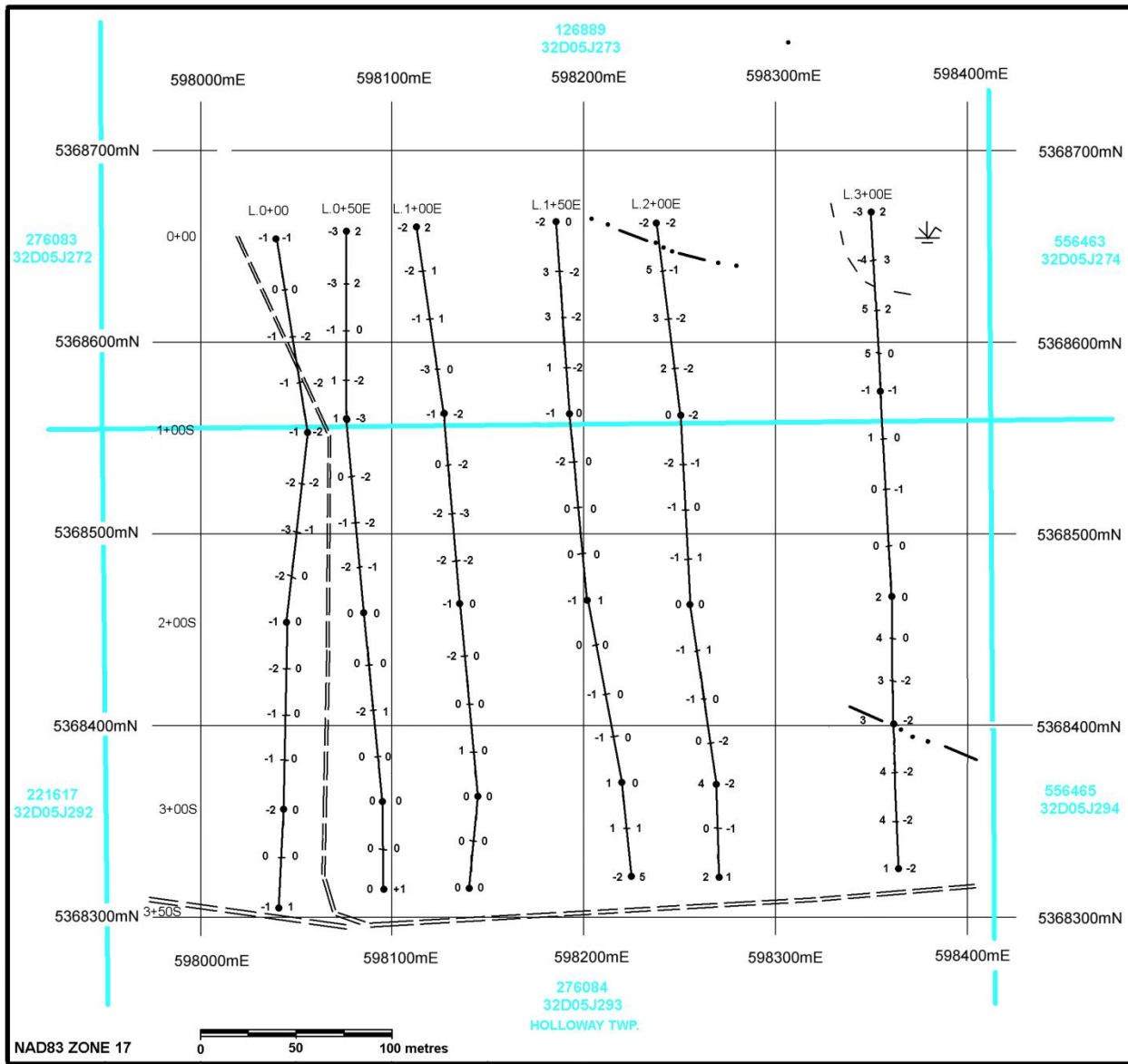
APPENDIX F: GSM-19T MAG / GRAD SPECIFICATIONS

| | |
|----------------------|--|
| Sensitivity | 0.15 nT @ 1Hz / 0.05 nT @ 4Hz |
| Resolution: | 0.01nT (gamma), magnetic field and gradient. |
| Accuracy: | +/- 0.2 nT @ 1 Hz |
| Range: | 20,000 to 120,000nT. |
| Gradient Tolerance: | Over 7,000nT/m |
| Operating Interval: | 3 seconds minimum, faster optional. Readings initiated from keyboard, external trigger, or carriage return via RS-232C. |
| Input / Output: | 6 pin weatherproof connector, RS-232C, and (optional) analog output. |
| Power Requirements: | 12V, 200mA peak (during polarization), 30mA standby. 300mA peak in gradiometer mode. |
| Power Source: | Internal 12V, 2.6Ah sealed lead-acid battery standard, others optional. An External 12V power source can also be used. |
| Battery Charger: | Input: 110 VAC, 60Hz. Optional 110 / 220 VAC, 50 / 60Hz. Output: dual level charging. |
| Operating Ranges: | Temperature: - 40°C to +50°C. Battery Voltage: 10.0V minimum to 15V maximum. Humidity: up to 90% relative, non condensing. |
| Storage Temperature: | -50°C to +50°C. |
| Display: | LCD: 240 X 64 pixels, OR 8 X 30 characters. Built in heater for operation below -20°C. |
| Dimensions: | Console: 223 x 69 x 240mm. Sensor Staff: 4 x 450mm sections. Sensor: 170 x 71mm dia. Weight: console 2.1kg, sensor and staff assembly 2.2 kg. |
| VLF | |
| Frequency Range: | 15 - 30.0 kHz |
| Parameters Measured: | Vertical in-phase and out-of-phase components as percentage of total field. 2 relative components of horizontal field. Absolute amplitude of total field. |
| Resolution: | 0.1%. |
| Number of Stations: | Up to 3 at a time. |
| Storage: | Automatic with: time, coordinates, magnetic field / gradient, slope, EM field, frequency, in- and out-of-phase vertical, and both horizontal components for each selected station. |
| Terrain Slope Range: | 0° - 90° (entered manually). |
| Sensor Dimensions: | 140 x 150 x 90 mm. (5.5 x 6 x 3 inches). |
| Sensor Weight: | 1.0 kg (2.2 lb.). |

GEM Systems, Inc. Advanced Magnetometers
For more technical information, visit www.gemsys.ca



GSM 19T Magnetometer



Station Direction
100°
Instrument Orientation
190°
NNA CUTLER,
MAINE, USA
24.0 KHz

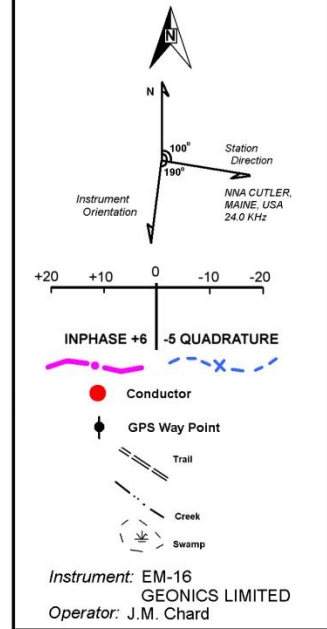
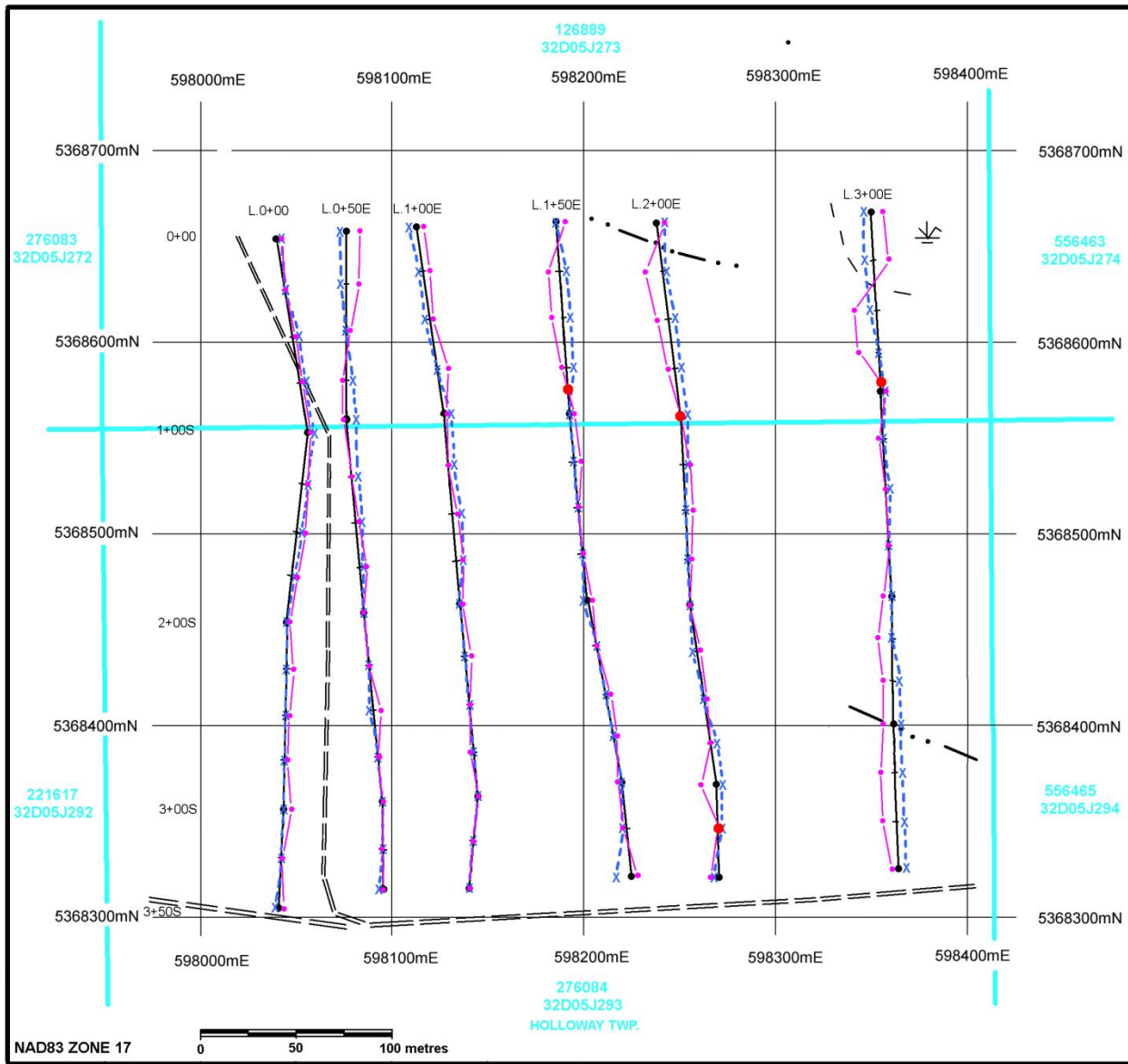
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INPHASE +6 -5 QUADRATURE

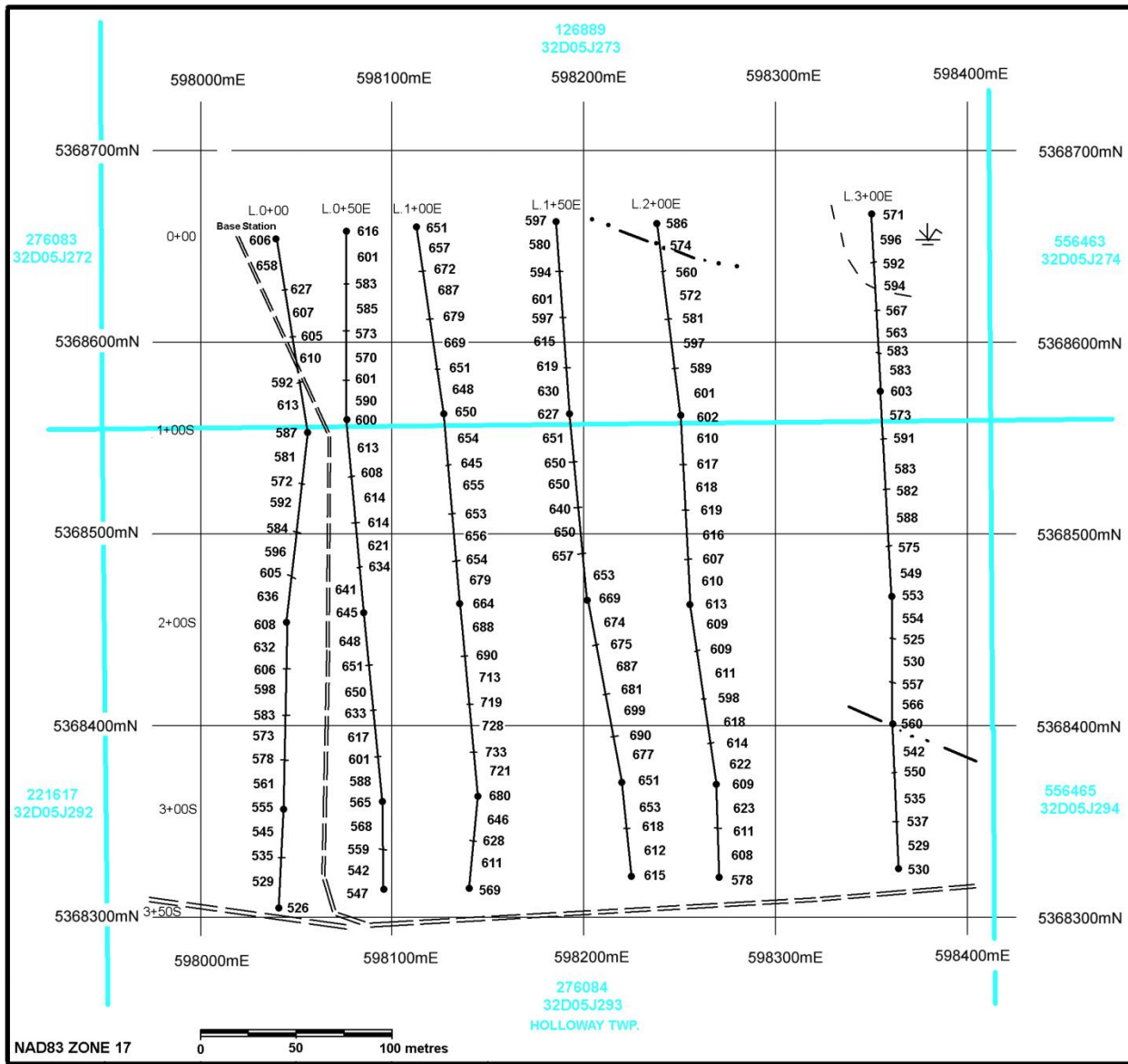
GPS Way Point
Trail
Creek
Swamp

Instrument: EM-16
GEONICS LIMITED
Operator: J.M. Chard

| VLF-ELECTROMAGNETIC (EM) SURVEY READINGS | |
|--|----------------|
| A TARGET HOLLOWAY TWP, ONTARIO | |
| SURVEY BY: | SURVEY DATE |
| RJD, JC, JR | JUNE 2019: |
| SCALE: | DRAWN BY: |
| 1 : 2,500 | RJD 12/10/2019 |



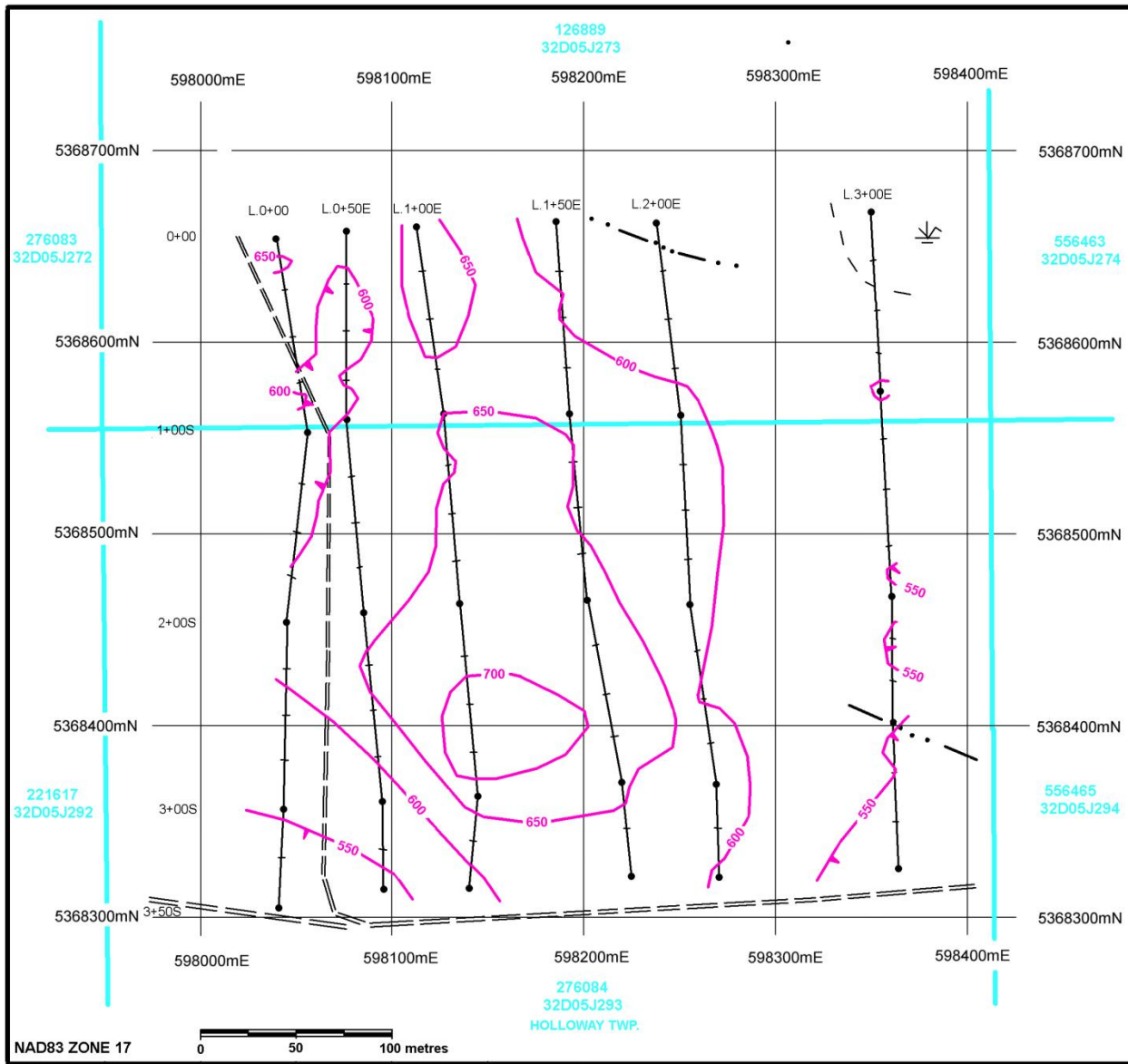
| | |
|--|----------------|
| VLF-ELECTROMAGNETIC (EM) SURVEY PROFILED DATA | |
| A TARGET HOLLOWAY TWP, ONTARIO | |
| SURVEY BY: | SURVEY DATE |
| RJD, JC, JR | JUNE 2019: |
| SCALE: | DRAWN BY: |
| 1 : 2,500 | RJD 12/10/2019 |



Values Based: 55,000 Nanoteslas (nT)
Instrument: GSM-19T Proton Magnetometer GEM Systems
Operator: R.J. Dillman

- GPS Way Point
- Trail
- Creek
- Swamp

| | |
|-----------------------------------|----------------|
| GROUND MAGNETOMETER SURVEY | |
| TOTAL MAGNETICS: READINGS | |
| A TARGET | |
| HOLLOWAY TWP, ONTARIO | |
| SURVEY BY: | SURVEY DATE |
| RJD, JC, JR | JUNE 2019: |
| SCALE: | DRAWN BY: |
| 1 : 2,500 | RJD 10/10/2019 |

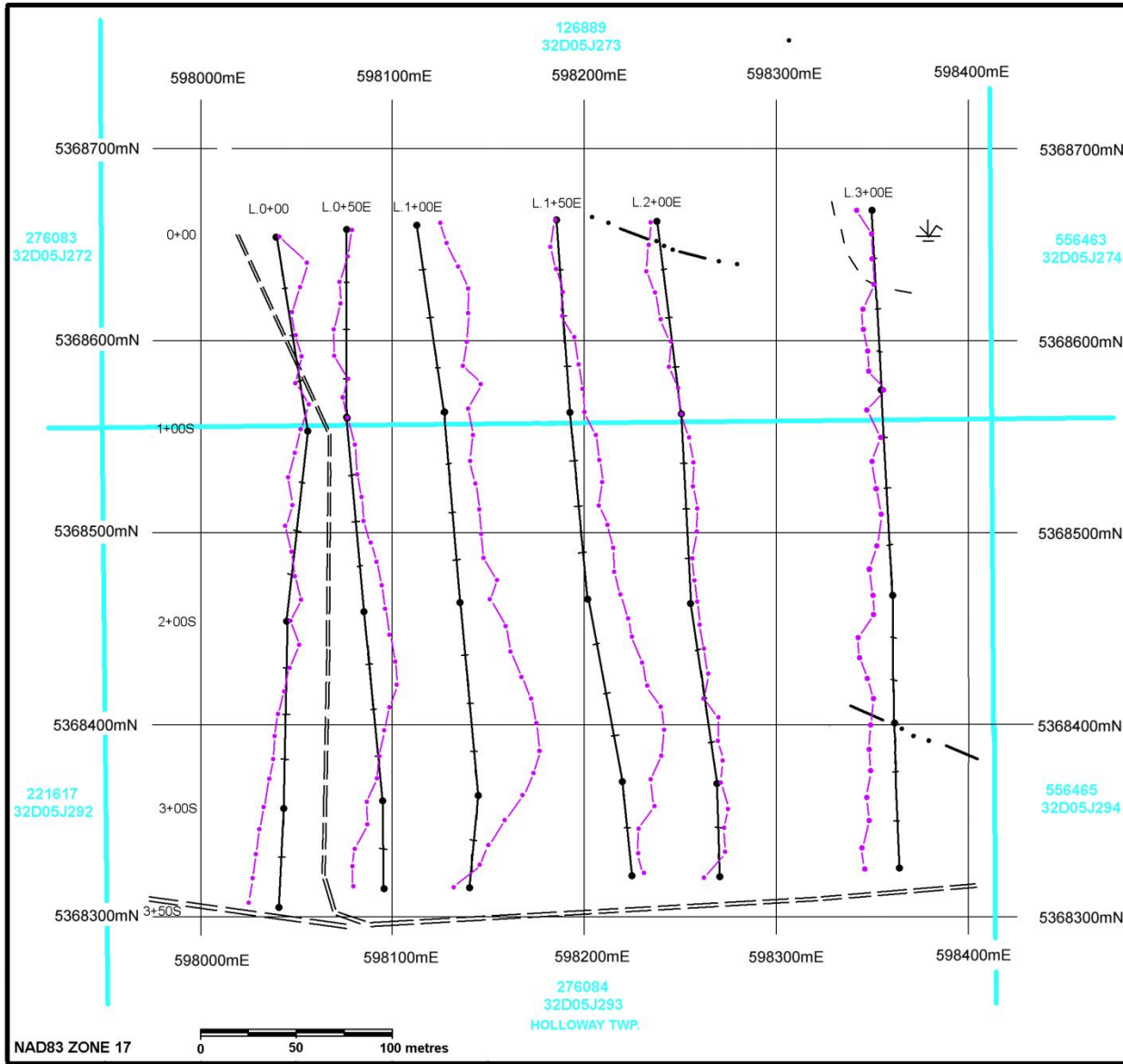


Values Based: 55,000 Nanoteslas (nT)
Instrument: GSM-19T Proton Magnetometer GEM Systems
Operator: R.J. Dillman

Area of Low Magnetic Intensity
50 nT contour Interval

GPS Way Point
 Trail
 Creek
 Swamp

| | |
|---|----------------|
| GROUND MAGNETOMETER SURVEY TOTAL MAGNETICS: CONTOURED DATA | |
| A TARGET HOLLOWAY TWP., ONTARIO | |
| SURVEY BY: | SURVEY DATE |
| RJD, JC, JR | JUNE 2019: |
| SCALE: | DRAWN BY: |
| 1 : 2,500 | RJD 10/10/2019 |



Values Based: 55,000 Nanoteslas (nT)
Instrument: GSM-19T Proton Magnetometer GEM Systems
Operator: R.J. Dillman

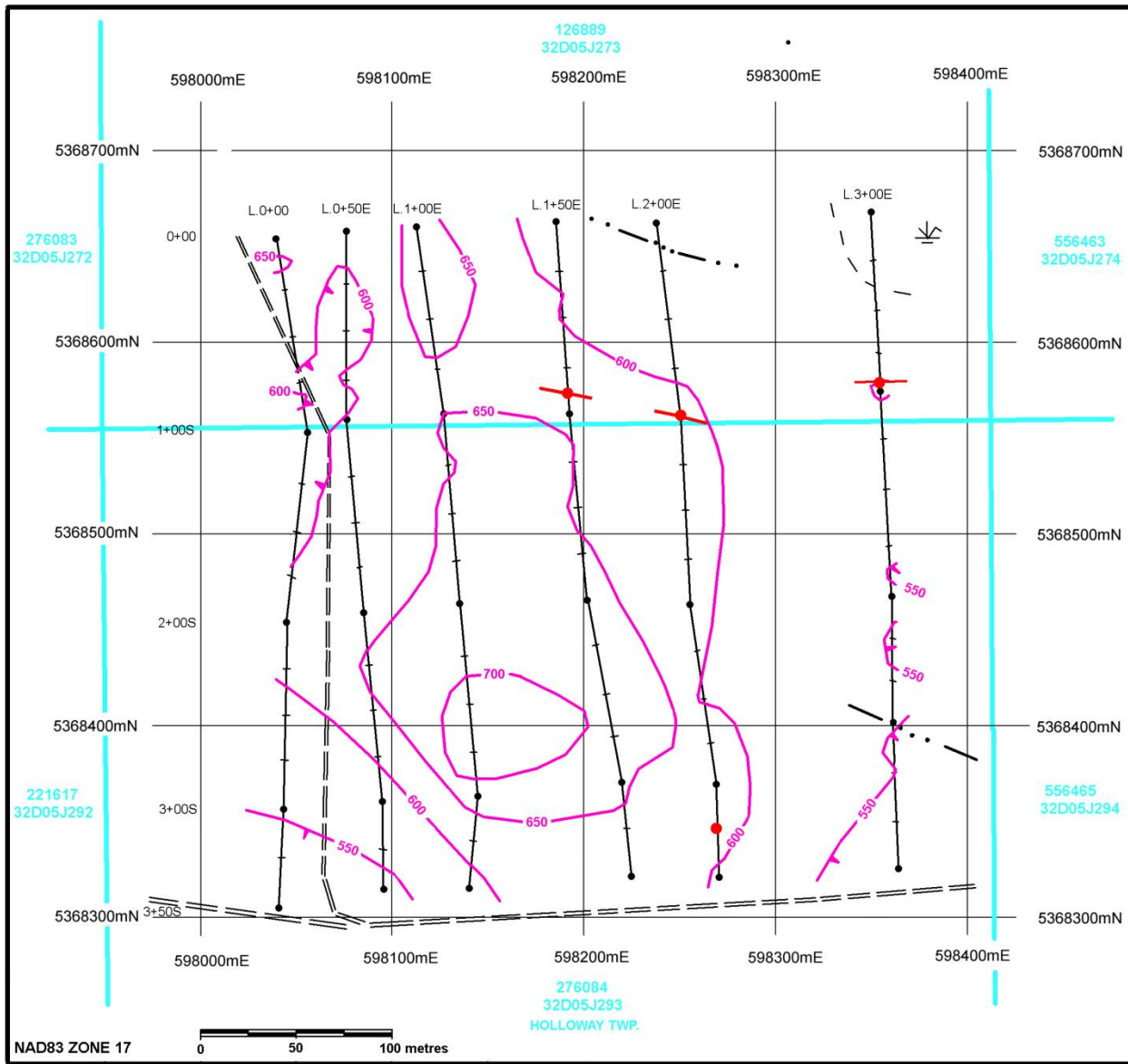
nanoTeslas (nT)
 55,500 55,600 55,700

- GPS Way Point
- Trail
- Creek
- Swamp

GROUND MAGNETOMETER SURVEY
TOTAL MAGNETICS: PROFILED DATA

A TARGET
HOLLOWAY TWP., ONTARIO

| | |
|----------------------------------|------------------------------------|
| SURVEY BY: RJD, JC, JR | SURVEY DATE: JUNE 2019: |
| SCALE: 1 : 2,500 | DRAWN BY: RJD 12/10/2019 |



N

Values Based: 55,000 Nanoteslas (nT)

Instrument: GSM-19T
Proton Magnetometer
GEM Systems

Operator: R.J. Dillman

- Area of Low Magnetic Intensity
- 50 nT contour Interval
- Conductor
- GPS Way Point
- Trail
- Creek
- Swamp

| | |
|--|-----------------------------|
| GEOPHYSICAL COMPILATION MAP | |
| A TARGET HOLLOWAY TWP., ONTARIO | |
| SURVEY BY: RJD, JC, JR | SURVEY DATE: JUNE 2019: |
| SCALE: 1 : 2,500 | DRAWN BY: RJD 12/10/2019 |