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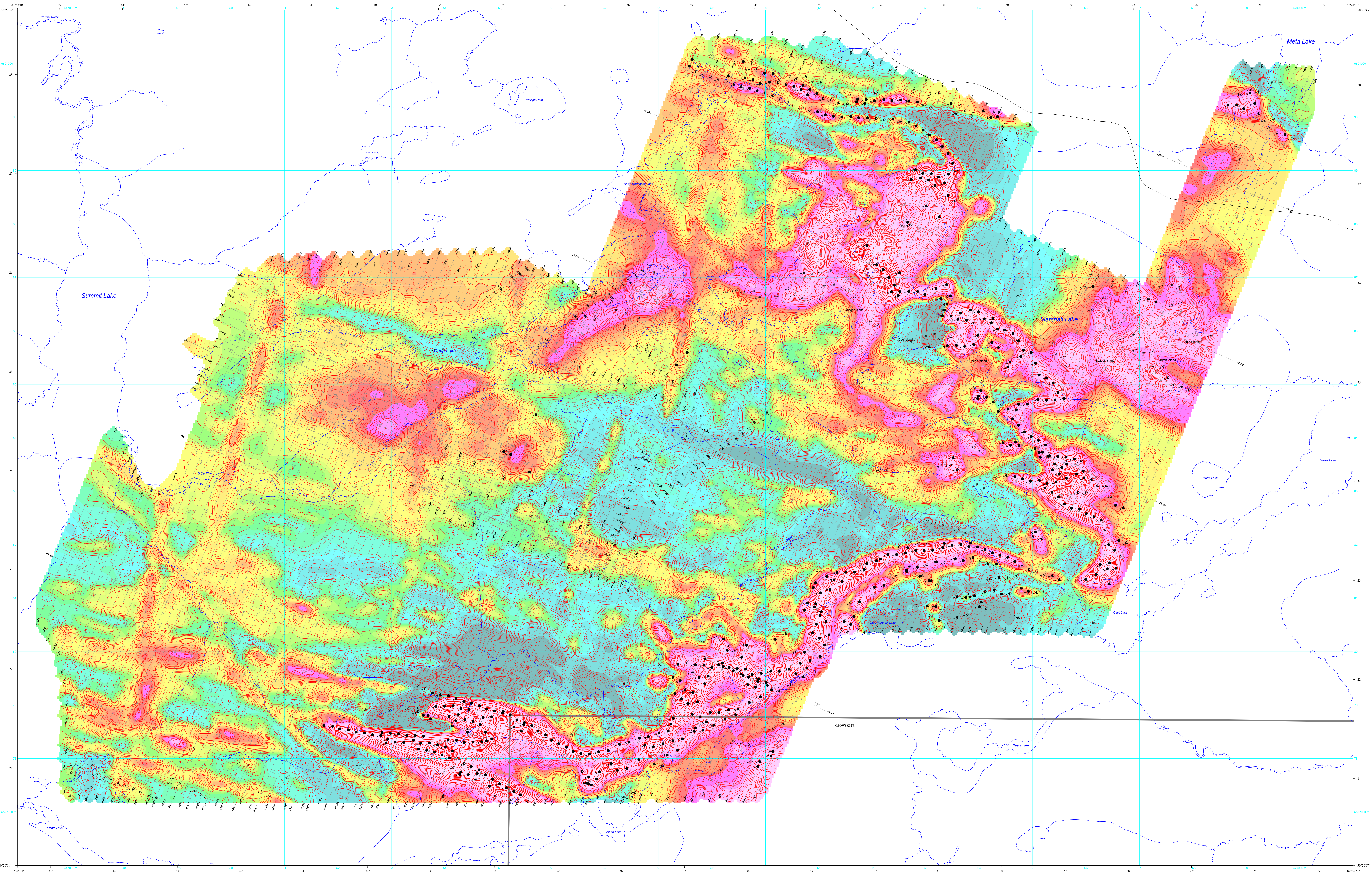
It is recommended that reference to the Content be made in the following form:

Ontario Geological Survey 2012. Airborne magnetic and electromagnetic surveys, colour-filled contours of the residual magnetic field and electromagnetic anomalies, Marshall Lake area—Purchased data;
Ontario Geological Survey, Map 60 382, scale 1:20 000.

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SURVEY PARAMETERS

AIRCRAFT
Type: Aeromobile AS560B-2
Registration: C-GWOW and C-FXDM

MAGNETOMETER
Type: Geometrics caesium-vapour
Sensitivity: 0.02 nT
Sample interval: 10 readings per second
Sensor location: 15 m below aircraft

ELECTROMAGNETIC SYSTEM
Type: VTEM
Base frequency: 30 Hz
Current waveform: Tripsoid
Peak dipole moment: 457 100 and 390 700 Am²
Pulse width: 7200 and 7400 μ sec
Off-time: 18 633 and 18 533 μ sec
Parameters: 2 component of data
Sample interval: 10 readings per second
Bird location: 42 m below aircraft

NAVIGATION SYSTEM
GPS receiver: Realtek OEM4-G2-3151W
GPS sample interval: 5 readings per second
Roller diameter: 7000 R4-40
Roller sample interval: 5 readings per second
Guidance system: Geotek
Digital acquisition system: Geotek

BASE STATION
Type: Geometrics caesium-vapour
Magnetometer sample interval: 1 reading per second
GPS sample interval: 1 reading per second

SURVEY SPECIFICATIONS
Survey dates: February 26, 2007, and October 5 to October 12, 2007
Nominal aircraft terrain clearance: 75 m and 80 m
Transverse line spacing: 100 m
Control line spacing: 300 m
Control line direction: N42°E, N113°E and N141°E
Control line direction: N113°E

Data purchased from: East West Resource Corp.



Ontario Geological Survey

MAP 60 382

AIRBORNE MAGNETIC AND ELECTROMAGNETIC SURVEYS

Colour-filled contours of the residual magnetic field and electromagnetic anomalies

MARSHALL LAKE AREA

Purchased Data

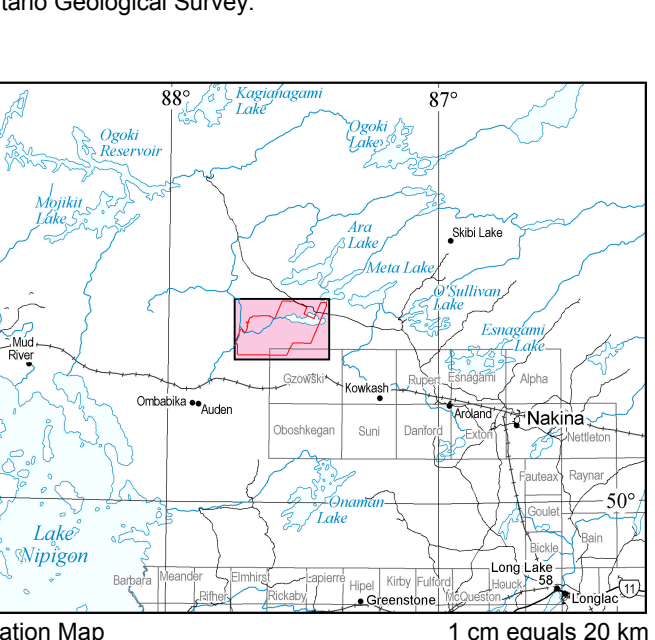
Scale 1:20 000



NTS References: 42 L5.6.

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DESCRIPTIVE NOTES

Introduction

This map was compiled from 2 proprietary airborne surveys purchased by the Ontario Ministry of Northern Development and Mines. These surveys were flown using the Geotek VTEM helicopter-borne magnetic and electromagnetic system. The aircraft was also equipped with GPS navigation systems and digital data acquisition systems.

Residual Magnetic Field Map

The contours of residual magnetic intensity were generated from digitally recorded data. The magnetic data were corrected for diurnal variations, reduced to the control line and resampled onto a 30 m regular grid, using the minimum curvature algorithm. A regional correction was applied to level the magnetic field to the Ontario Master Aeromagnetic Grid.

Magnetic declination on October 7, 2007, for the centre of the survey area was 5° 17' W. Magnetic inclination on October 7, 2007, for the centre of the survey area was 75.95°. Magnetic field strength was 68.95 nT (calculated using IGRF).

EM Anomalies

The VTEM system will respond to conductive overburden, near-surface horizontal conducting layers, man-made sources and bedrock structures. Identified features are interpreted based on the rate of transient decay, magnetic correlation and response shape, together with the topographic pattern and topography. Man-made responses may be identified by examining the power line indicator.

Anomalies were classified as having an inductively thin source, which produces a double-peaked (M-shaped) response with the trough centred over the conductor, or as an inductively thick source, which produces a single-peaked response centred over the conductor.

SOURCES OF INFORMATION

Base map information derived from the Ontario Land Information Warehouse, Land Information Ontario, Ontario Ministry of Natural Resources, scale 1:50 000.

Magnetic declination for the centre of the map area was approximately 5° 17' W in 2012.

Ont., M., 2007. Report on a helicopter-borne VTEM geophysical survey 7024, Marshall Lake Property, Ontario; unpublished report for East West Resource Corp.

Ont., M., 2007. Report on a helicopter-borne VTEM geophysical survey 7033, Marshall Lake Property, Ontario; unpublished report for East West Resource Corp.

CREDITS

Data acquisition, data completion by Geotek Limited, Aurora, Ontario, for East West Resources Corp., Vancouver, British Columbia.

Data reprocessing and map production by Paterson, Grant & Watson Limited, Toronto, Ontario.

Contract management, base maps and map surrounds by the Ontario Ministry of Northern Development and Mines, Sudbury, Ontario.

To enable the rapid dissemination of information, this map has not received a technical edit. Every possible effort has been made to ensure the accuracy of the information presented. However, the Ontario Ministry of Northern Development and Mines does not assume liability for any errors that may occur. Users can verify critical information from the corresponding digital profile, gridded and EM anomaly data distributed by the Ontario Geological Survey.

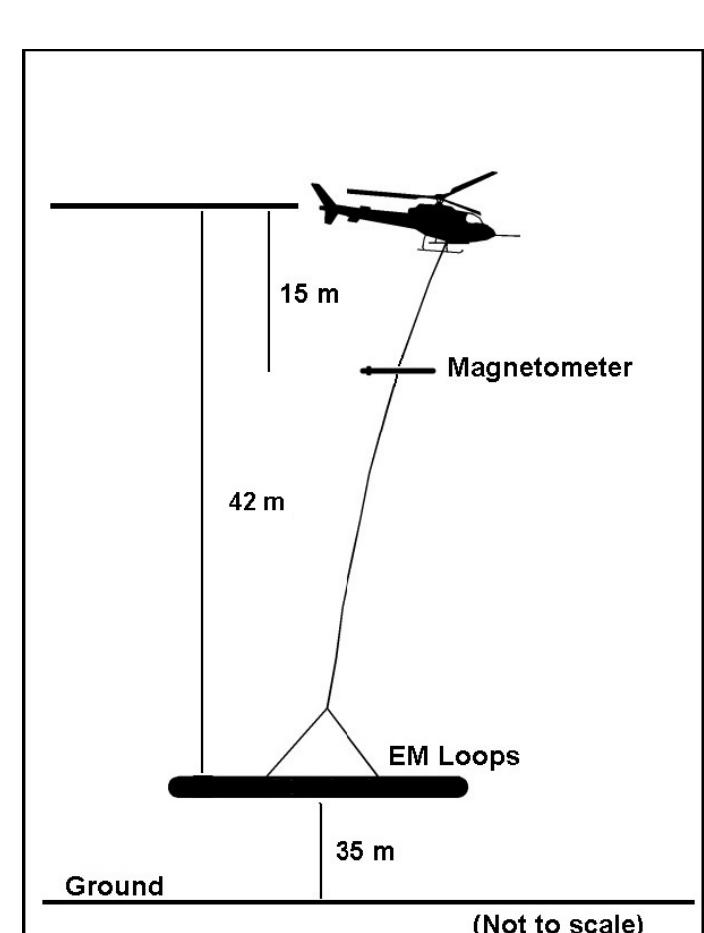
The geophysical data on this map were purchased from the private sector. The original data acquisition was neither supervised by the Ontario Geological Survey (OGS) nor carried out to OGS technical specifications. However, the purchased data do meet a pre-defined evaluation criteria set out by the OGS. Some quality assurance and quality control checks have been carried out on the digital data.

Issued 2012.

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SYSTEM CONFIGURATION

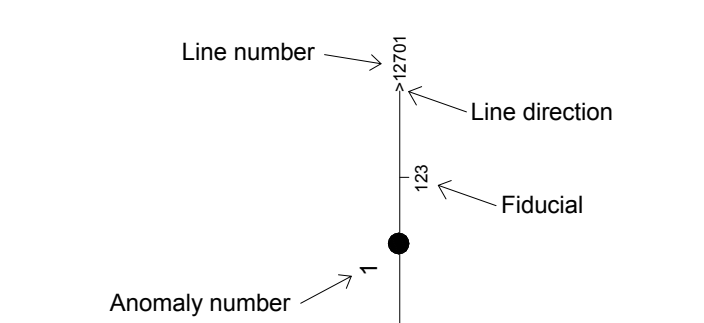


LEGEND

ELECTROMAGNETIC ANOMALY SYMBOLS

- | Anomaly | Conductance Classification |
|---------|----------------------------|
| ● | > 15 Siemens |
| ● | 10 - 15 Siemens |
| ● | 5 - 10 Siemens |
| ○ | 5 - 8 Siemens |
| ○ | 3 - 5 Siemens |
| ○ | < 3 Siemens |
| □ | cultural response |

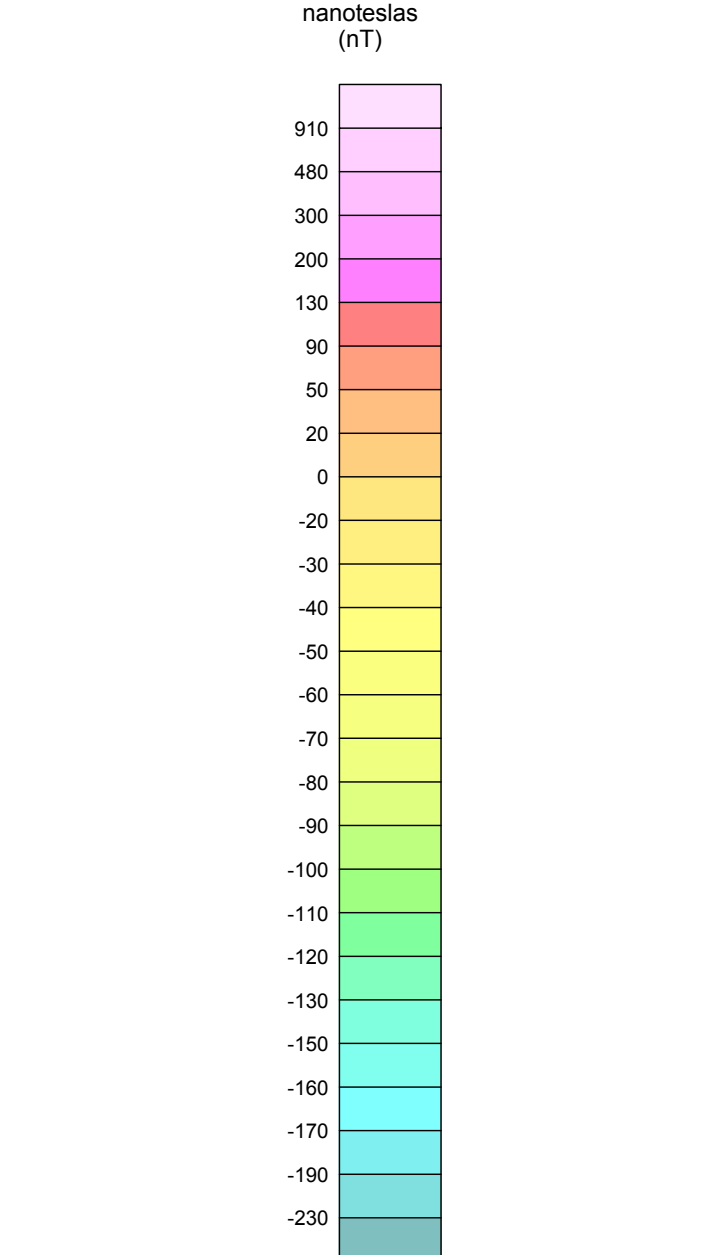
FLIGHT LINE INFORMATION



MAGNETIC CONTOURS

- | nanoteslas | |
|----------------|---------------------|
| 10 nT contour | 1000 nT contour |
| 50 nT contour | Magnetic depression |
| 250 nT contour | |

RESIDUAL MAGNETIC FIELD GRID



Users of OGS products are encouraged to contact those Aboriginal communities whose traditional territories may be located in the mineral exploration area to discuss their project.