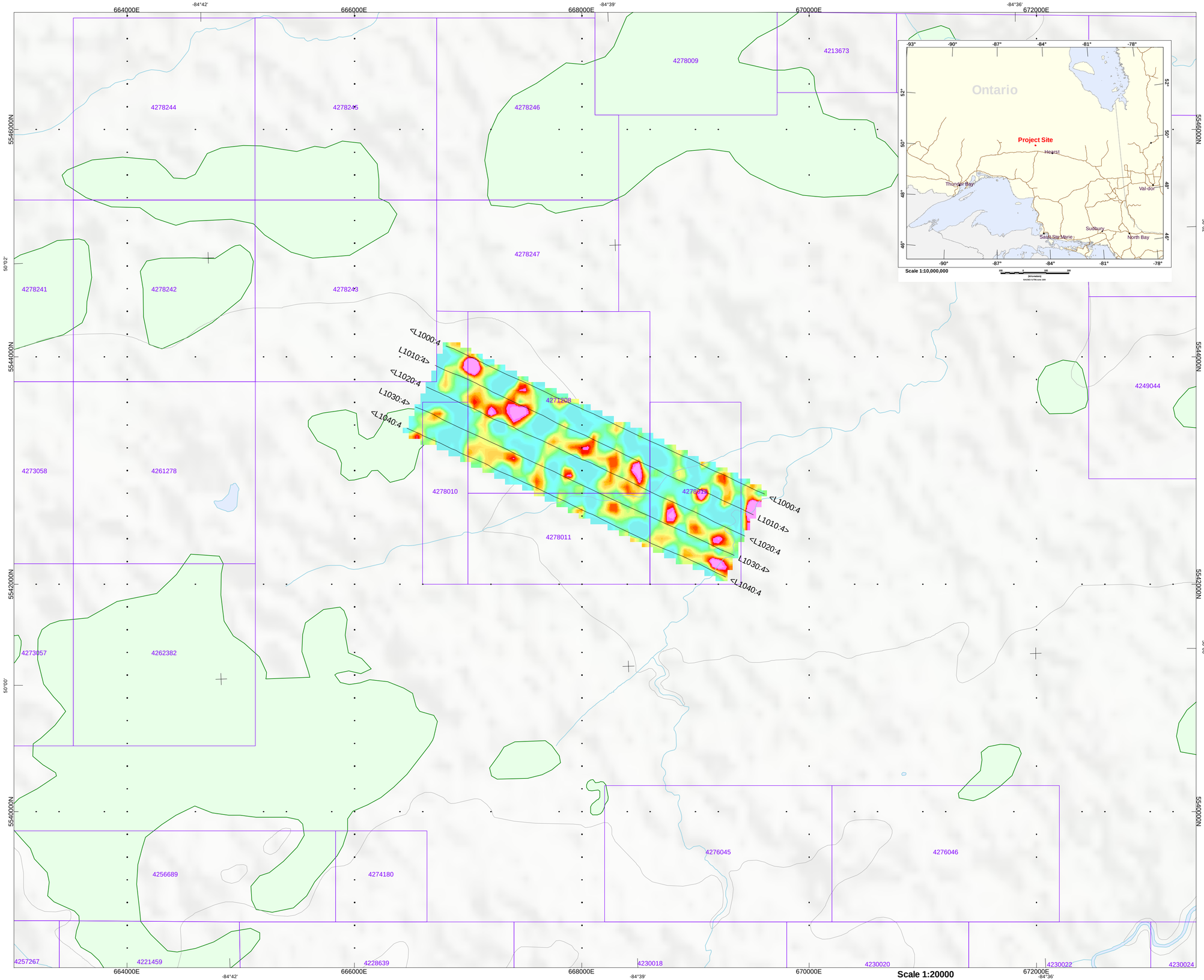


AEROQUEST
AIRBORNE

SURVEY SPECIFICATIONS:

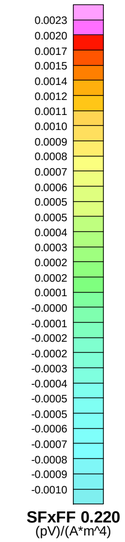
- Survey Date: September 15th - 25th, 2014
- Survey Base: Hearst, Ontario
- Aircraft: Aerospatiale A-star 350 B3 C-FKOI
- Survey Line Spacing: 200 metres
- Survey Line Direction: N 115° E / N 295° E
- Tie Line Spacing: n/a
- Tie Line Direction: n/a
- Average Aircraft Terrain Clearance: 70 meters
- EM Transmitter Loop: Towed at an average terrain clearance of 34 meters below the helicopter
- 2 Magnetic Sensors: Towed at an average terrain clearance of 24 meters below the helicopter

INSTRUMENTS

- Geotech Time Domain Electromagnetic System (VTEM)
- Concentric Rx/Tx Geometry
- X-Coil Diameter 0.32m
- Z-Coil Diameter 1.2m
- Transmitter Loop: Diameter 26 Meters
- Dipole Moment: 511,815 nIA
- Transmitter Wave Form: Trapezoid, Pulse Width 4.40 ms, Base Frequency 30 Hz
- Geometrics High Sensitivity Caesium 2 Magnetic Sensors
- Mag Resolution: 0.02 nT at 10 samples/sec

MAP PROJECTION

- Datum: NAD83
- Projection: Universal Transverse Mercator
- Central Meridian: 87°W (Zone 16N)
- Central Scale Factor: 0.9996
- False Easting/Northing: 500,000m/0m
- Major Axis: 6378137.000
- Inverse Flattening: 298.25722
- NTS: 042K02 & 042F15



SFxFF 0.220
(pV)/(A*m^4)

TOPOGRAPHIC LEGEND:

- Streams / Rivers
- Contours
- Lakes / Ponds
- Wetlands
- Mining Claims

The topographic data base was derived from 1:50000 NRC (Natural Resources Canada) NTDB data
Background shading is derived from NASA SRTM (Shuttle Radar Topography Mission) data
Inset data derived from derived from Diva-GIS 1:1,000,000 scale
Mining Claims are derived from the Ontario Ministry of Northern Development and Mines
(http://www.diva-gis.org/)(www.geogratis.ca)(http://www.mndm.gov.on.ca)

Alibaba Graphite Corp
Southwest Block
Hearst, Ontario

Aeroquest VTEM System

VTEM dB/dt X Component
Fraser Filter Channel 20
Time Gate 0.220 ms

Flown and processed by Aeroquest Airborne Ltd.
245 Industrial Parkway North,
Aurora, Ontario, Canada L4G 4C4
www.aeroquestairborne.ca

November 2014

Aeroquest Project # AQ140335