GEOTECH LTD.

SURVEY SPECIFICATIONS:

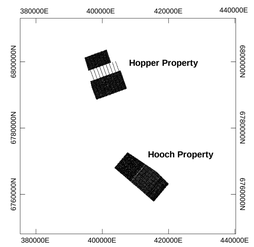
- Survey Date: November 22nd, 2011 to January 12th, 2012
- Survey Base: Haines Junction, Yukon Territory
- Aircraft: Aerospatiale A-Star 350 B3 (C-GTEQ)
- Nominal Survey Line Spacing: 100 Meters
- Nominal Survey Line Direction: N 40° E / N 220° E
- Nominal Tie Line Spacing: 1000 Meters
- Nominal Tie Line Direction: N 130° E / N 310° E
- Nominal Terrain Clearance: 76 Meters
- EM Loop: Towed at a mean distance of 35 meters below the Helicopter
- Magnetic Sensor: Towed at a mean distance of 13 meters below the Helicopter

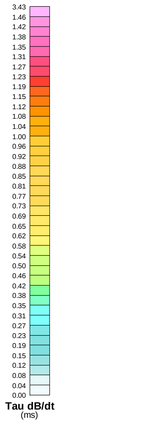
INSTRUMENTS

- Geotech Time Domain Electromagnetic System (VTEM)
- Concentric RxTx Geometry
- Transmitter Loop: Diameter 17.6 Meters,Base Frequency 30 Hz
- Dipole Moment: 253,016 nIA
- Transmitter Wave Form: Trapezoid, Pulse Width 3.40 ms.
- Geometrics High Sensitivity Cesium Magnetometer
- Mag Resolution: 0.02 nT at 10 samples/sec

MAP PROJECTION

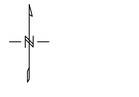
- Datum: NAD83
- Projection: Universal Transverse Mercator
- Central Meridian: 135°W (Zone 8)
- Central Scale Factor: 0.9996
- False Eastings/Northing: 500,000mN/0m
- Major Axes: 6378137.000
- Eccentricity: 0.081819191
- NTS: 115H01, 115H02, 115H07, 115A15 & 115H16





TOPOGRAPHIC LEGEND:

- Roads
- 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 Geocommunities 1:250,000 Canadian National Topographic database
Mining Claims are derived from Geomatics Yukon, on behalf of the Government of Yukon
(www.geocomm.com)(www.geogratis.ca)(http://www.geomaticsyukon.ca)

Bonaparte Resources Inc.
Hooch Property
Haines Junction, Yukon Territory

Geotech VTEM System

dB/dt Calculated Time Constant (Tau) with contours of anomaly areas of the Calculated Vertical Derivative of TMI

Flown and processed by Geotech Ltd.
245 Industrial Parkway North,
Aurora, Ontario, Canada L4G 4C4
www.geotech.ca

January 2012

Geotech Project # 11354