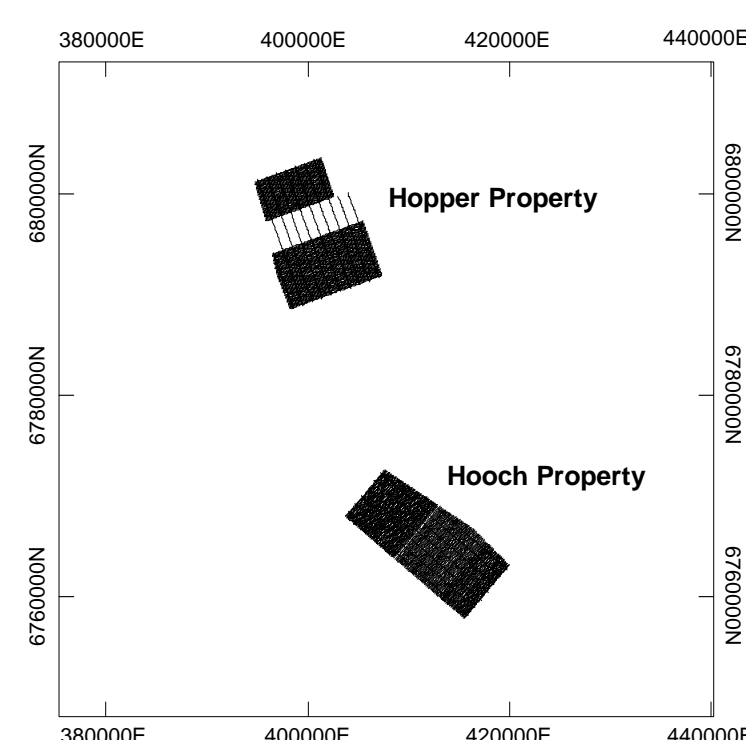




**SURVEY SPECIFICATIONS:**  
 Survey Date: November 22nd, 2011 to January 12th, 2012  
 Survey Base: Haines Junction, Yukon Territory  
 Aircraft: Aerospaciale A-Star 350 B3 (C-CTED)  
 Nominal Survey Line Spacing: 100 Meters  
 Nominal Survey Line Direction: N 70° E / N 250° E  
 Nominal Tie Line Spacing: 1000 Meters  
 Nominal Tie Line Direction: N 160° E / N 340° E  
 Nominal Terrain Clearance: 75 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 Rx/Tx Geometry  
 Transmitter Loop: Diameter 17.6 Meters, Base Frequency 30 Hz  
 Dipole Moment: 253,016 nA  
 Transmitter Wave Form: Trapezoidal, Pulse Width 3.40 ms.  
 Geometrics High Sensitivity Cesium Magnetometer  
 Mag Resolution: 0.02 nT at 10 samples/sec

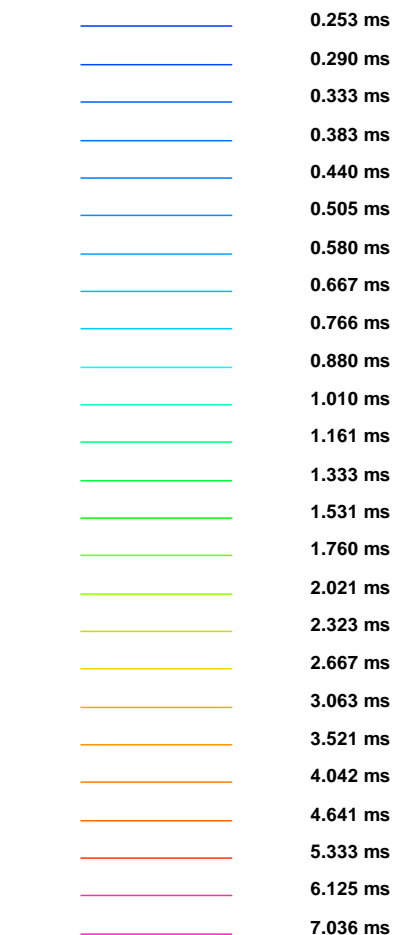
**MAP PROJECTION**  
 Datum: NAD83  
 Projection: Universal Transverse Mercator  
 Central Meridian: 135°W (Zone 8)  
 Central Scale Factor: 0.9996  
 False Easting/Northing: 500,000m/0m  
 Major Axis: 6378137.000  
 Eccentricity: 0.081819191  
 NTS: 115H01, 115H02, 115H07, 115A15 & 115H16



Profiles scale 1 m = 0.02 (pV/A/m<sup>4</sup>)

Linear between +0.05 (pV/A/m<sup>4</sup>) and -0.05 (pV/A/m<sup>4</sup>)

Logarithmic above 0.05 (pV/A/m<sup>4</sup>)

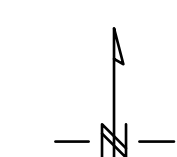


**GEOLOGY LEGEND:**

- Quartz monzonite/granite/aplite/pegmatite
- Mudstone/sandstone/conglomerate
- Mudstone
- Granodiorite/quartz monzonite/quartz diorite
- Bi-mg-qtz-fs-schist/gt-quartzite/cb-orthogneiss
- Silt/sand/gravel

**TOPOGRAPHIC LEGEND:**

- Roads
- Power Line
- Streams / Rivers
- Contours
- Lakes / Ponds
- Wetlands
- Mining Claims



Scale 1:20000  
 (Meters)

The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) NTDB data. Background shading is derived from NASA SRTM (Shuttle Radar Topography Mission) data. Point 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.geomatics.ca/www.geomatics.ca).

**Bonaparte Resources Inc.**  
 Hopper Property  
 Haines Junction, Yukon Territory

Geotech VTEM System  
 VTEM dB/dt Z Component Profiles  
 Time Gate 0.220 - 7.036 ms  
 over Geology

Flown and processed by Geotech Ltd.  
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 www.geotech.ca

January 2012