



SURVEY SPECIFICATIONS:

Survey Date: November 22nd, 2001 to 1 January 12th, 2012

Survey Base: Haines Junction, Yukon Territory

Orbit: Aircorpsat-A Star 300 B3 (C-ITEQ)

Nominal Surface Line Spacing: 100 Meters

Nominal Surface Line Direction: N 70° E / N 250° E

Nominal Tie Line Spacing: 1000 Meters

Nominal Tie Line Direction: N 60° E / N 340° E

EM Loop: Towed at a distance: 76 Meters

EM Loop: Towed at a mean distance of 35 meters below the helicopter

Magnetic Survey: Towed at a mean distance of 13 meters below the helicopter

INSTRUMENTS

Geotech Time Domain Electromagnetic System (VTEM)

Concentric RixT Coils

Transmitter Loop: Diameter 17.6 Meters, Base Frequency 30 Hz

Diode Moment: 253,016 nA

Transmitter Voltage Form: Trapezoidal, Pulse Width 3.4 ms

Geometrics High Sensitivity Current 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

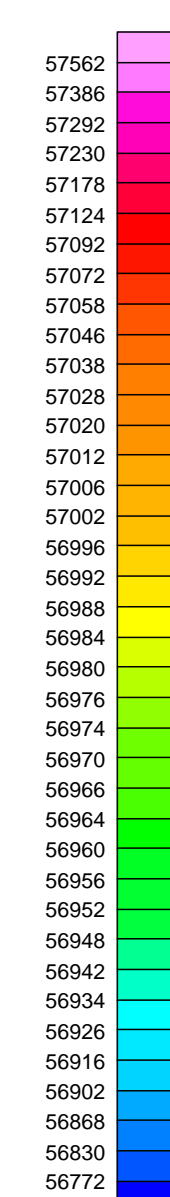
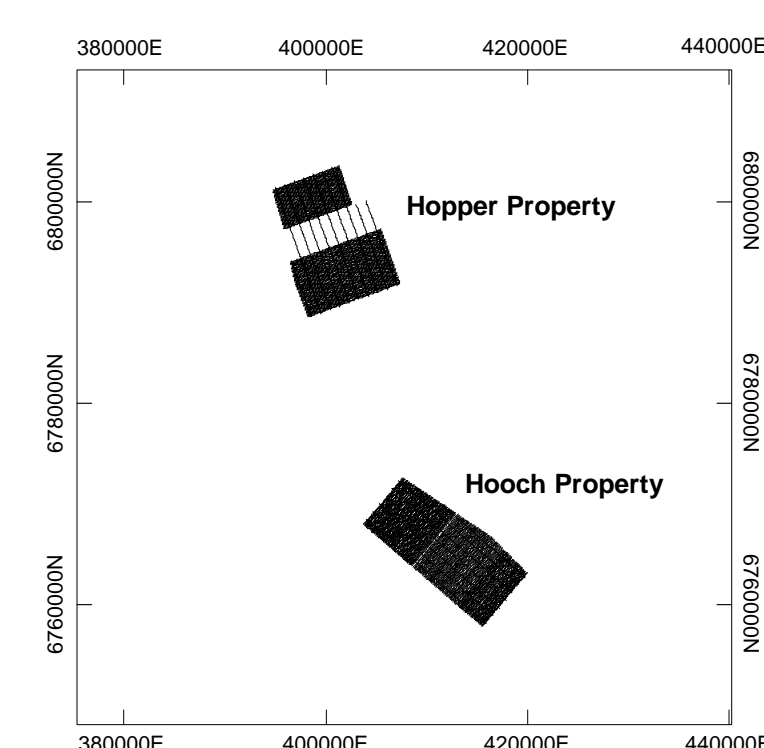
False Easting/Northing: 500,000m

Map Area: 678x137,000

Eccentricity: 0.081818181

Units: Meters

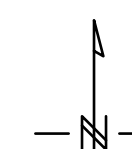
NAD: 1150D, 1150H2, 1150H7, 115A15 & 115H16



TMI Contour Intervals:

TOPOGRAPHIC LEGEND:

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



Scale 1:20000

250 500 750 1000

(meters)

NAD83/UTM zone 8N

The topographic data base was derived from 1:50000 NRC (Natural Resources Canada) NTD. 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.geomatics.yukon.ca>)

Bonaparte Resources Inc.
Hopper Property
Haines Junction, Yukon Territory

Geotech VTEM System
Total Magnetic Intensity
(TMI)

 Flown and processed by Geotech Ltd.
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January 2012

