GEOTECH LTD.

SURVEY SPECIFICATIONS:
- Survey Date: July 16th to July 17th, 2008
- Survey Base: Mayo, Yukon
- Aircraft: Aerospatiale A-Star 350 B3 (C-GTRK)
- Nominal Survey Line Spacing: 100 Meters
- Nominal Survey Line Direction: N 36° E
- Nominal Tie Line Spacing: 1000 Meters
- Nominal Tie Line Direction: N 126° E
- Nominal Terrain Clearance: 75 Meters where possible
- 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 26 Meters,Base Frequency 30 Hz
- Dipole Moment: 556,400 nIA
- Transmitter Wave Form: Trapezoid, Pulse Width 4.2 ms.
- Geometrics High Sensitivity Cesium Magnetometer
- Mag Resolution: 0.02 nT at 10 samples/sec

MAP PROJECTION
- Datum: NAD 83
- 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: 105N09, 105O12

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TMI
(nT)

Contour Intervals (nT):
1
5
25

TOPOGRAPHIC LEGEND:
- Roads
- Trails
- Contours
- Rivers & Streams
- Lakes
- Wetlands
- Mining Rights

Scale 1:10000

100 0 100 200 300 400 500
(meters)
NAD83 / UTM zone 8N

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
Mineral Exploration Licences & Mining Claims are derived from the Goverment of Yukon, Geomatics Branch: www.geocomm.com/(www.geogratis.ca) (http://geomaticsyukon.ca/data_download.html)

Archer Cathro & Associates Ltd.
Plata Block - East
Keno Hill Area, Yukon

Geotech VTEM System

TOTAL MAGNETIC INTENSITY (TMI)

Flown and processed by Geotech Ltd.
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