GEOTECH LTD.

SURVEY SPECIFICATIONS:

- Survey Date: July 17th to August 2, 2008
- Survey Base: Mayo, Yukon
- Aircraft: Aerospatiale A-Star B3 (C-GAVO)
- Nominal Survey Line Spacing: 200 Meters
- Nominal Survey Line Direction: N 45° E
- Nominal Tie Line Spacing: 1900 Meters
- Nominal Tie Line Direction: N 135° E
- Nominal Terrain Clearance: 74 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 26 Meters,Base Frequency 30 Hz
- Dipole Moment: 565,966 nIA
- Transmitter Wave Form: Trapezoid, Pulse Width 4.8 ms.
- Geometrics High Sensitivity Cesium Magnetometer
- Mag Resolution: 0.02 nT at 10 samples/sec

MAP PROJECTION

- Datum: WGS 84
- 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: 105L11, 105L14

TMI (nT)

57940 57931 57922 57912 57903 57893 57884 57874 57865 57855 57846 57836 57827 57817 57808 57799 57789 57780 57770 57761 57751 57742 57732 57723 57713 57704 57694 57685 57675 57666 57657 57647 57638 57628 57619 57609 57600 57590

Contour Intervals (nT):

- 5
- 25
- 50
- 100

TOPOGRAPHIC LEGEND:

- Roads
- Contours
- Rivers & Streams
- Lakes
- 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
Mineral Claims are derived from Yukon Government, Minerals Management and EMR.
(www.geocomm.com)(www.geogratis.ca)(http://geomaticsyukon.ca/data_download.html)

Scale 1:20000

250 0 250 500 750 1000

(meters)

WGS 84 / UTM zone 8N

Copper Ridge Explorations Inc.
Clear Lake Property
Mayo, Yukon

Geotech VTEM System

Total Magnetic Intensity

Flown and processed by Geotech Ltd.
245 Industrial Parkway North,
Aurora, Ontario, Canada L4G 4C4
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September 2008

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