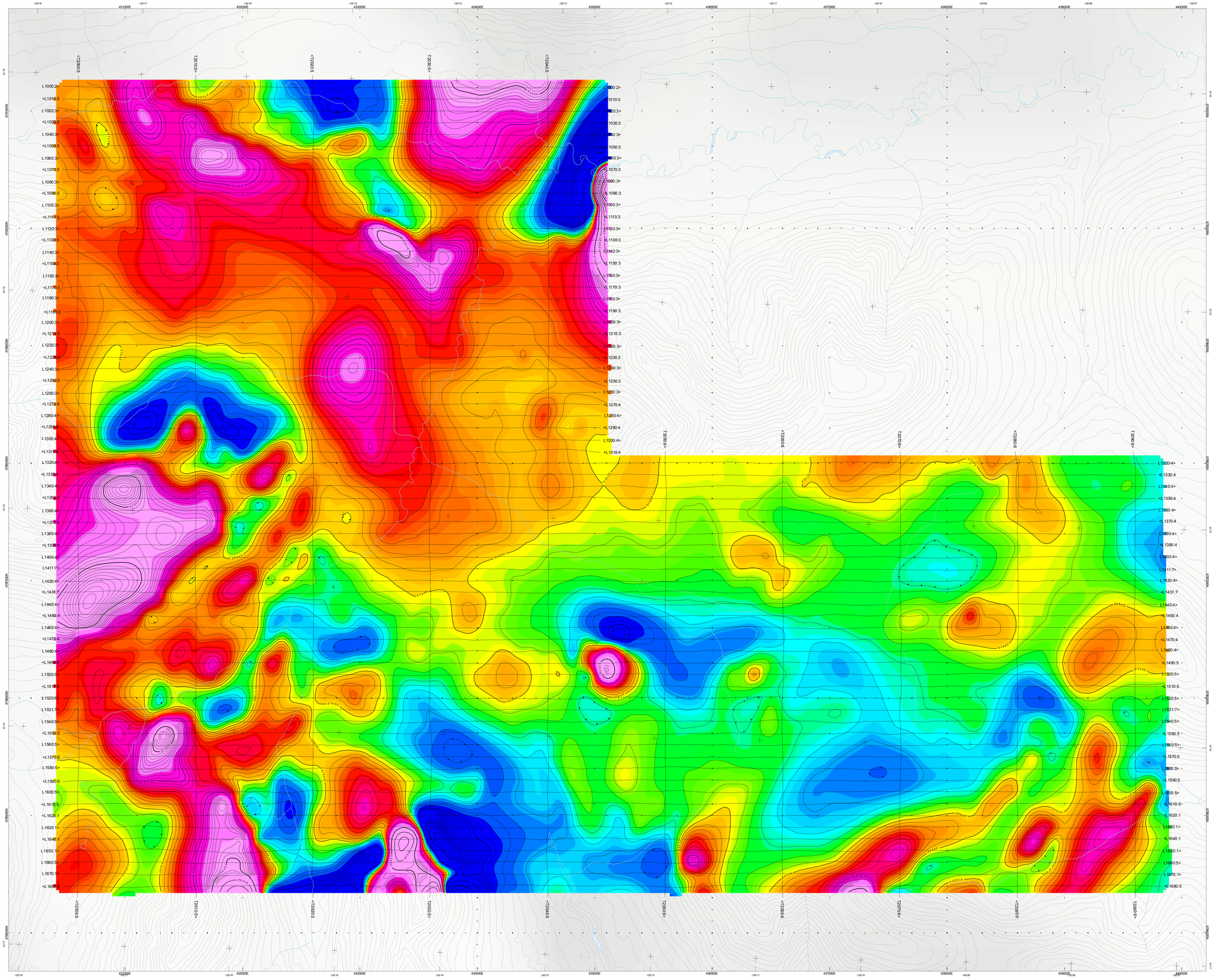
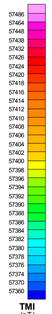


GEOTECH LTD.

SURVEY SPECIFICATIONS:
Survey Date: August 21st to 29th, 2014
Survey Base: Finlayson Lake, Yukon
Aircraft: Aerospatiale A-Star 350 B3 (C-GEOJ)
Survey Line Spacing: 100 Meters
Survey Line Direction: N90° E / N 270° E
Tie Line Spacing: 1000 Meters
Tie Line Direction: N 0° E / N 180° E
Average Aircraft Terrain Clearance: 106 Meters
EM Transmitter Loop: Towed at an average terrain clearance of 35 meters below the helicopter
Magnetic Sensor: Towed at an average terrain clearance of 13 meters below the helicopter

INSTRUMENTS
Geotech Time Domain Electromagnetic System (VTEM)
Concentric Rx/Tx Geometry
X-Coil Diameter 0.32m
Z-Coil Diameter 1.2m
Transmitter Loop: Diameter 17.6 Meters
Dipole Moment: 243,285 nA
Transmitter Wave Form: Trapezoid, Pulse Width 3.39 ms, Base Frequency 30 Hz
Geometrics High Sensitivity Caesium Magnetometers
Mag Resolution: 0.02 nT at 10 samples/sec

MAP PROJECTION
Datum: NAD83
Projection: Universal Transverse Mercator
Central Meridian: 135°W (Zone 9N)
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/0m
Major Axis: 6378137.000
Inverse Flattening: 298.25722
NTS: 105G01 & 105G06



TMI Contour Intervals:
5 nT
50 nT
250 nT

TOPOGRAPHIC LEGEND:
Streams / Rivers
Contours
Lakes / Ponds

Scale 1:10000
100 0 100 200 300 400 500
(meters)
NAD83 / UTM zone 9N

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 the Yukon Government
(www.geocomm.com/(www.geogratis.ca/(http://geomatics.yukon.ca)

18526 Yukon Inc.
Expo Block
Finlayson Lake, Yukon

Geotech VTEM System
Total Magnetic Intensity (TMI)

Flown and processed by Geotech Ltd.
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October 2014

Geotech Projected GL14229