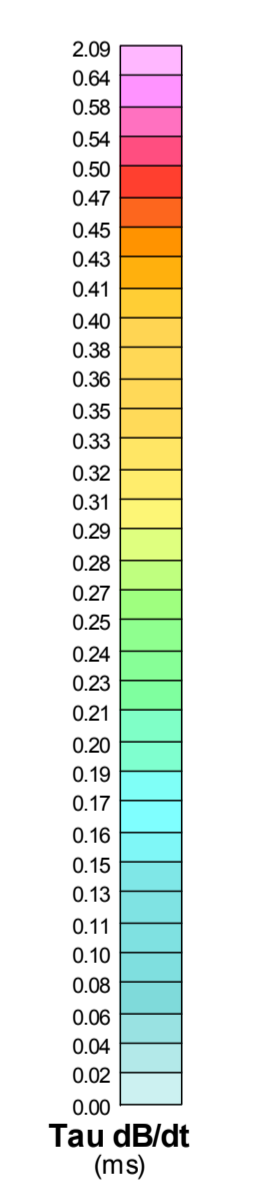
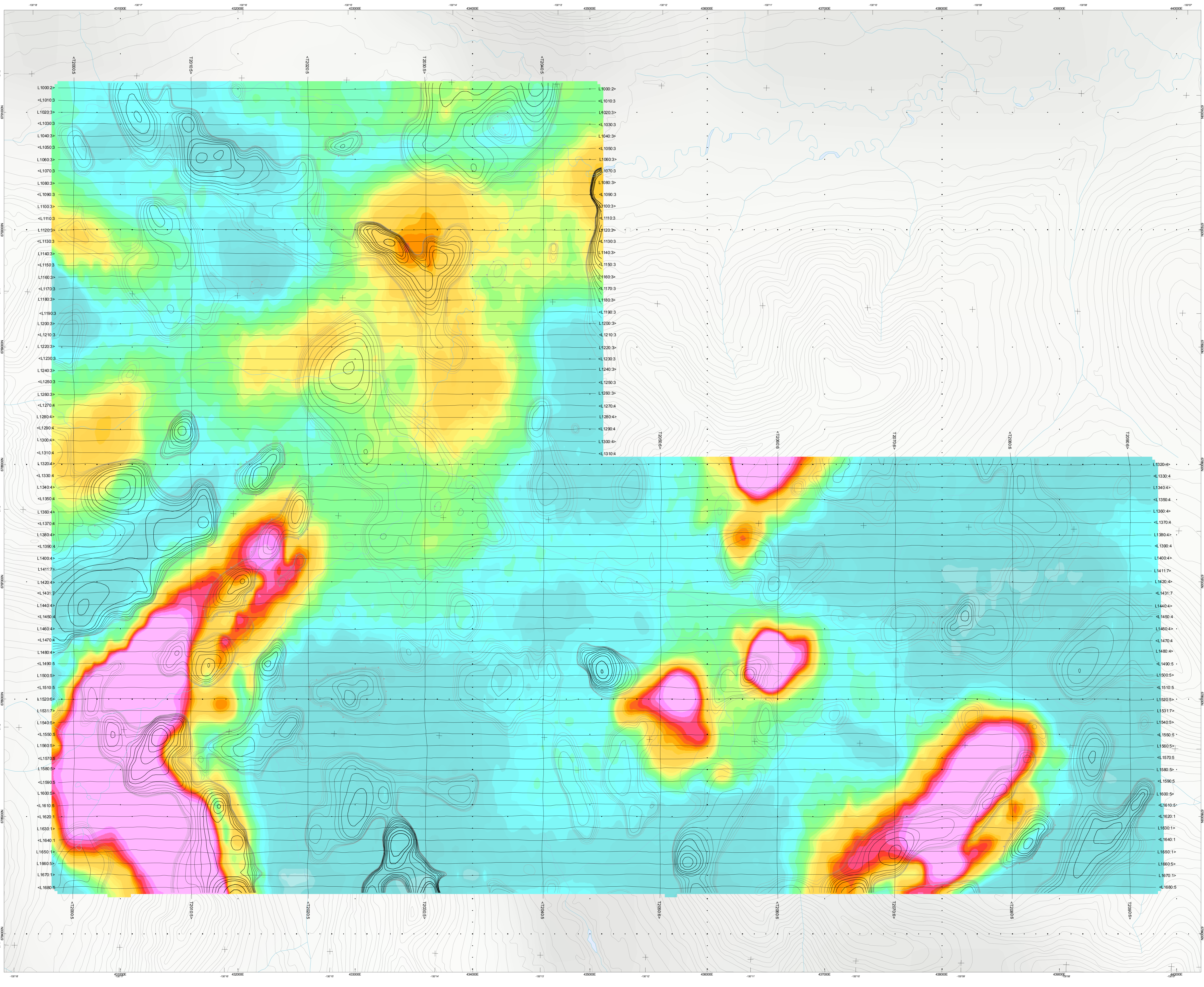




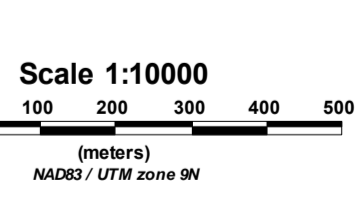
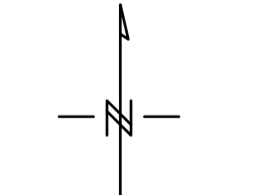
**SURVEY SPECIFICATIONS:**  
 Survey Date: August 21st to 26th, 2014  
 Survey Base: Finlayson Lake, Yukon  
 Aircraft: Aerospaciale A-Star 350 (C-GEUJ)  
 Survey Line Spacing: 100 Meters  
 Survey Line Direction: N02° E / N 27° E  
 Tie Line Spacing: 1000 Meters  
 Tie Line Direction: N 0° E / N 18° E  
 Average Aircraft Terrain Clearance: 100 Meters  
 EM Transmitter Loop: Towed at an average terrain clearance of 30 meters below the helicopter  
 Magnetic Sensor: Towed at an average terrain clearance of 10 meters below the helicopter

**INSTRUMENTS:**  
 Geotech Time Domain Electromagnetic System (VTM4)  
 Coaxial Cable Geometry  
 X-Coil Diameter: 0.3m  
 Z-Coil Diameter: 1.2m  
 Transmitter Loop: Diameter 17.6 Meters  
 Dipole Moment: 463,280 mA  
 Transmitter Wave Form: Trapezoid, Pulse Width: 3.39 ms, Base Frequency: 30 Hz  
 Geometrics High Sensitivity Caesium Magnetometers  
 Map Resolution: 0.02 m at 10 samples/m

**MAP PROJECTION:**  
 Datum: NAD83  
 Projection: Universal Transverse Mercator  
 Central Meridian: 129° W (Zone 5N)  
 Central Scale Factor: 0.9996  
 False Easting/Northing: 500,000m/0m  
 Major Axis: 6378137.000  
 Inverse Flattening: 298.25722  
 NTS: 105051 & 105056



**TOPOGRAPHIC LEGEND:**  
 Streams / Rivers  
 Contours  
 Lakes / Ponds



The topographic data base was derived from 1:50,000 NRC Natural Resources Canada NT DB data. Background shading is derived from the USA GTOPO30 3-arc second digital elevation data. Contour lines were derived from Geocommunities 1:250,000 Canadian National Topographic Database. Missing contours are derived from the Yukon Government ([www.geocomm.com](http://www.geocomm.com) / [www.geotech.ca](http://www.geotech.ca) / <http://geomatics.yukon.ca>)

**18526 Yukon Inc.**  
**Expo Block**  
**Finlayson Lake, Yukon**

Geotech VTEM System  
 dB/dt Calculated Time Constant (Tau)  
 with  
 Calculated Vertical Derivative contours

Flown and processed by Geotech Ltd.  
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[www.geotech.ca](http://www.geotech.ca)

October 2014