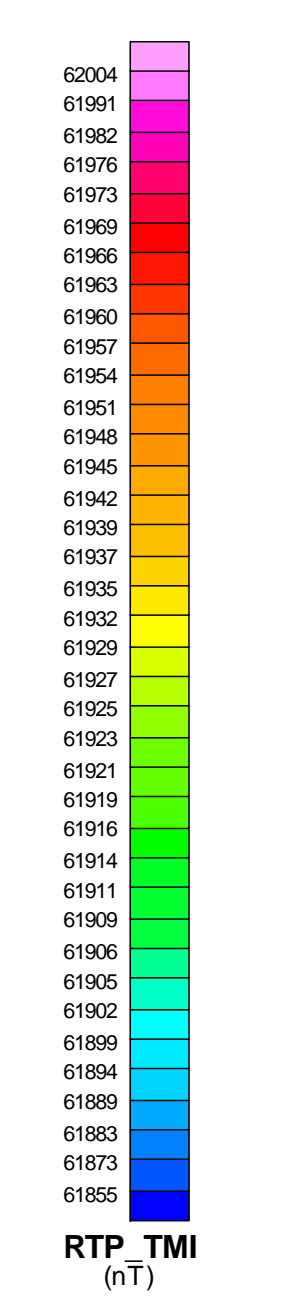
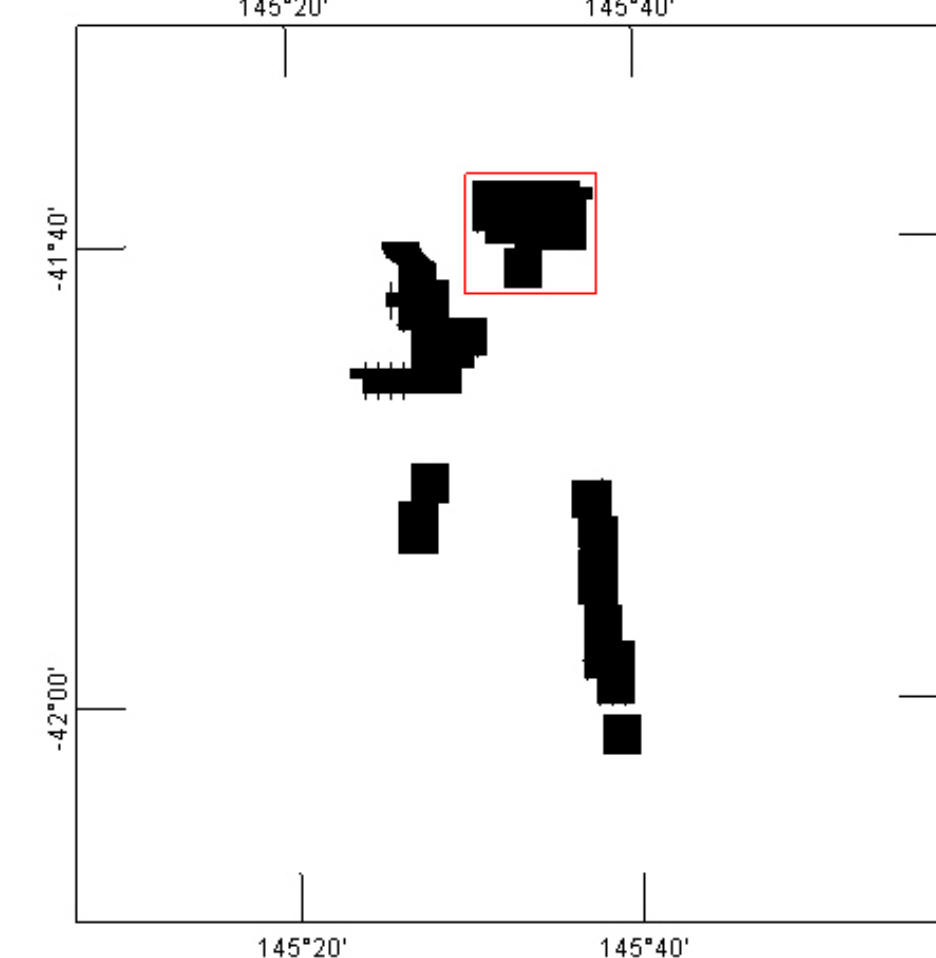


**SURVEY SPECIFICATIONS:**  
Survey Date: December 10th, 2012 - February 7th, 2013  
Survey Area: Tullah, Tasmania, Australia  
Aircraft: Aerospacelab A-Star 350 B3 (VH-VTX)  
Survey Line Spacing: 100 meters  
Survey Line Direction: N 90° E / N 270° E  
Line Line Spacing: 100 meters  
Line Line Direction: N 90° E / N 180° E  
Mean Terrain Clearance: 117 meters  
EM Transmitter Loop: Towed at an average terrain clearance of 13 meters below the helicopter  
Magnetic Sensor: Towed at an average terrain clearance of 13 meters below the helicopter

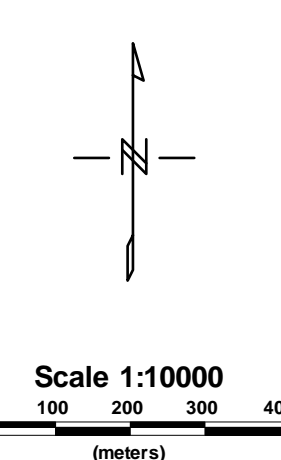
**INSTRUMENTS:**  
Geotech Time Domain Electromagnetic System (VTEM)  
Coaxial Cable: 100 meters  
X-Coil Loop Diameter: 0.35 Meters  
Z-Coil Loop Diameter: 1.2 Meters  
Transmitter Loop Diameter: 28 Meters  
Dipole Moment: 387,135 nA  
Transmitter Wave Form: Truncated, Pulse Width 7.34 ms, Base Frequency 25 Hz  
Geometrics: High Sensitivity Cesium Magnetometer  
Map Resolution: 0.02 m at 10 samples/m

**MAP PROJECTION:**  
Datum: GDA98  
Projection method: Map Grid of Australia zone 55  
Central Scale Factor: 0.9996  
False Easting/False Northing: 500,000m/10,000,000m  
Major Axis: 6300000.000  
Inverse Flattening: -26.20222



RTP Contour Interval:  
10 nT  
50 nT  
250 nT

**TOPOGRAPHIC LEGEND:**  
Contours  
Power lines  
Railways  
Roads  
Rivers / Lake Outlines  
Lakes / Ponds  
Mining Leases



The topographic data was derived from Australian Government - Geoscience Australia  
1:250,000 scale maps (http://www.ga.gov.au)  
Background shading is derived from the Aerial Photography Mission (APM) data  
from the Australian Government - Geoscience Australia  
http://www.geoscience.gov.au  
Map data was derived from the Australian Government - Geoscience Australia  
http://www.geoscience.gov.au  
Map data was derived from the Australian Government - Geoscience Australia  
http://www.geoscience.gov.au