

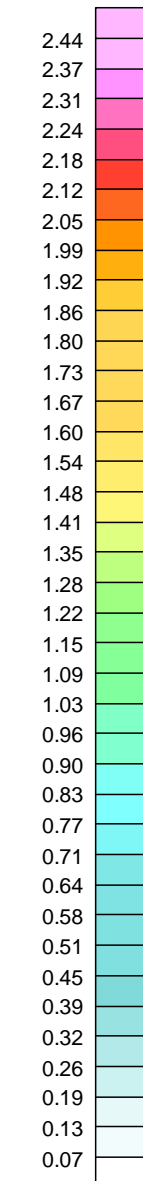
SURVEY SPECIFICATIONS:
Survey Date: December 10th, 2012 - February 7th, 2013
Survey Base: Tullah, Tasmania, Australia
Aircraft: Aerospatiale A-Star 350 B3 (VH-VTX)
Survey Line Spacing: 100 meters
Survey Line Direction: N 90° E / N 270° E
Tie Line Direction: N 0° E / N 180° E
Tie Line Spacing: 1000 meters
Tie Line Direction: N 0° E / N 180° E
Mean Terrain Clearance: 110 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 Loop: Diameter 0.32 Meters
Z-Coil Loop: Diameter 1.2 Meters
Transmitter Loop: Diameter 28 Meters
Dipole Moment: 387,135 A/m
Transmitter Wave Form: Trapezoid, Pulse Width 7.34 ms, Base Frequency 25 Hz
Geometrics High Sensitivity Cesium Magnetometer
Map Resolution: 0.02 m at 10 samples/sec

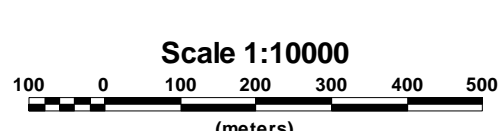
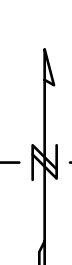
MAP PROJECTION
Datum: GDA94
Projection method: Map Grid of Australia zone 55
Central Scale Factor: 0.9996
False Easting/Northing: 500,000m/10,000,000m
Major Axis: 6378137.000
Inverse Flattening: 298.25722

Anomaly Symbols

- Conductance > 40 S
- 28 S < Conductance < 40 S
- 16 S < Conductance < 28 S
- 8 S < Conductance < 16 S
- 4 S < Conductance < 8 S
- Conductance < 4 S
- Cultural
- Anomaly ID Label
- TAU B-field (milliseconds)
- Red circle inside refers to "thin" conductor



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



The topographic data base was derived from Australian Government - Geoscience Australia at 1:250,000 scale (<http://www.ga.gov.au>)
Background shading is derived from NASA SRTM (Shuttle Radar Topography Mission) data.
Inset data derived from Natural Earth 1:10,000,000 database (<http://www.naturalearthdata.com/downloads/>)
Mining Licenses was derived from Mineral Resources Tasmania - Department of Infrastructure, Energy and Resources
(http://www.mrt.tas.gov.au/portalpage?_pageid=35311078_dsdportal&_schema=PORTAL3)

Yunnan Tin Australia TDK Resources Pty Ltd
EL22/2010
Tullah, Tasmania, Australia
Geotech VTEM System
dB/dt Calculated Time Constant (Tau)
with contours of anomaly areas of the
Calculated Vertical Derivative of RTP

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