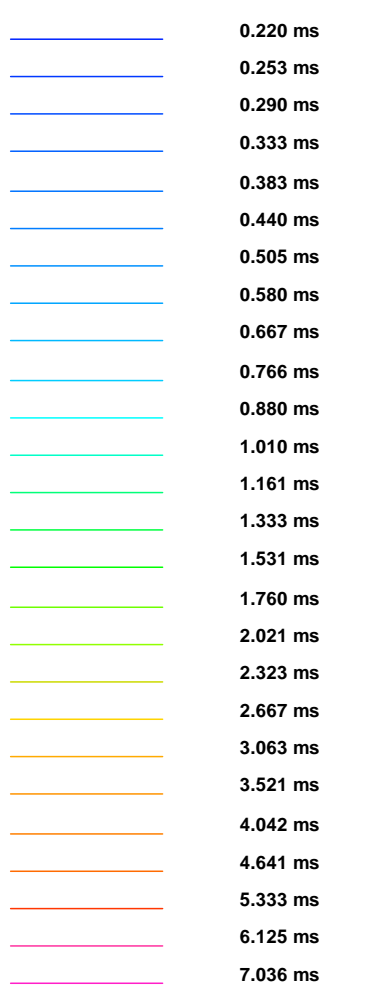


SURVEY SPECIFICATIONS:
 Survey Date: December 10th, 2012 - February 7th, 2013
 Survey Base: Tullah, Tasmania, Australia
 Aircraft: Aerospacelab A-Star 350 B3 (VH-VTX)
 Survey Line Spacing: 100 meters
 Survey Line Direction: N 90° E / N 270° E
 Tie Line Spacing: 1000 meters
 Tie Line Direction: N 0° E / N 180° E
 Mean Terrain Clearance: 118 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

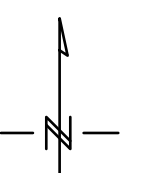
INSTRUMENTS
 Geotech Time Domain Electromagnetic System (VTEM)
 Concentric Rx/Tx Geometry
 X-Coil Loop: Diameter 0.32 Meters
 Z-Coil Loop: Diameter 1.2 Meters
 Transmitter Loop: Diameter 26 Meters
 Dipole Moment: 397,135 nA
 Transmitter Wave Form: Trapezoidal, Pulse Width 7.34 ms, Base Frequency 25 Hz
 Geometrics High Sensitivity Cesium Magnetometer
 Map Resolution: 0.02 mT 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

Profiles scale 1 mm = 0.15 (pV/A·m⁴)
 Linear between +/- 0.4 (pV/A·m⁴)
 logarithmic above 0.4 (pV/A·m⁴)



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



Scale 1:20000
 250 0 250 500 1000
 GDA94 / MGA zone 55

The topographic data base was derived from Australian Government - Geoscience Australia at 1:250,000 scale (<https://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.natural-earthdata.com/downloads/](http://www.naturalearthdata.com/downloads/))
 Mining Licences was derived from Mineral Resources Tasmania - Department of Infrastructure, Energy and Resources
 (http://www.mrt.tas.gov.au/portals/page?_pageid=35.5311718&_dad=portal&_schema=PORTAL)

Yunnan Tin Australia/DTK Resources Pty Ltd
EL46/2010
Tullah, Tasmania, Australia
 Geotech VTEM System
 VTEM dB/dt Z Component Profiles
 Time Gate 0.220 - 7.036 ms

Processed by Geotech Ltd.
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