

SURVEY SPECIFICATIONS:

Survey flying date: January 11-14, 2019
 Survey operations base: Strahan town
 Survey Line spacing: 200-400 meters
 Survey Line direction: N 0 E/N 180 E degree
 Tie Linw spacing: 500 meters
 Tie Line direction: N 90 E/N 270 E degree
 Helicopter Mean terrain Clearance: 183 m
 Mean Ground Speed: 27 meters/sec
 MobileMT airborne system: towed at a mean dist.of 100 m below the helicopter
 Airborne magnetometer bird: towed at a mean dist.of 80 m below the helicopter

HELICOPTER SPECIFICATIONS:

Helicopter Type: Astar B2
 Reg N: VH-ZST
 Helicopter Company: Tasmanian Helicopters Pty Ltd.

AIRBORNE INSTRUMENTATION:

Survey Type: Helicopter MobileMT Electromagnetic & Magnetic
 EGL PC-104 based Data Acquisition System
 EGL GPS Navigation Computer/Pilot Steering Indicator
 GPS Receivers (2): with Linx RXM-GNSS-TM GPS Engines
 GPS Receivers Location: One on the helicopter, one on mag bird
 Radar Altimeter: Smartmicro model UMRR-0A Radio Altimeter

AIRBORNE ELECTROMAGNETIC SYSTEM:

Electromagnetic system: EGL MobileMT
 Type of measurement: Total field by three orthogonal coils
 Digitizing rate: 2000 Hz
 Frequencies extracted (Hz): 56,71,89,112,141,178,224,282,355,4511,5683,7160,9022,11366,14321

Sampling Rate: 0.4 sec

AIRBORNE MAGNETOMETER:

Magnetometer: Geometrics G822A Cesium Magnetometer
 Magnetometer Sensitivity: 0.001 nT

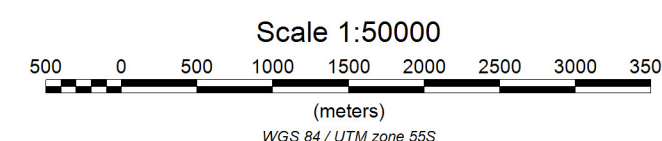
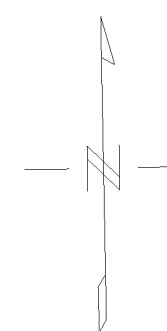
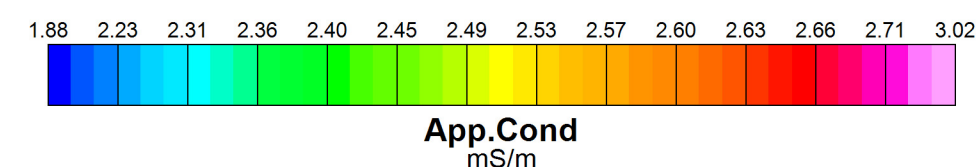
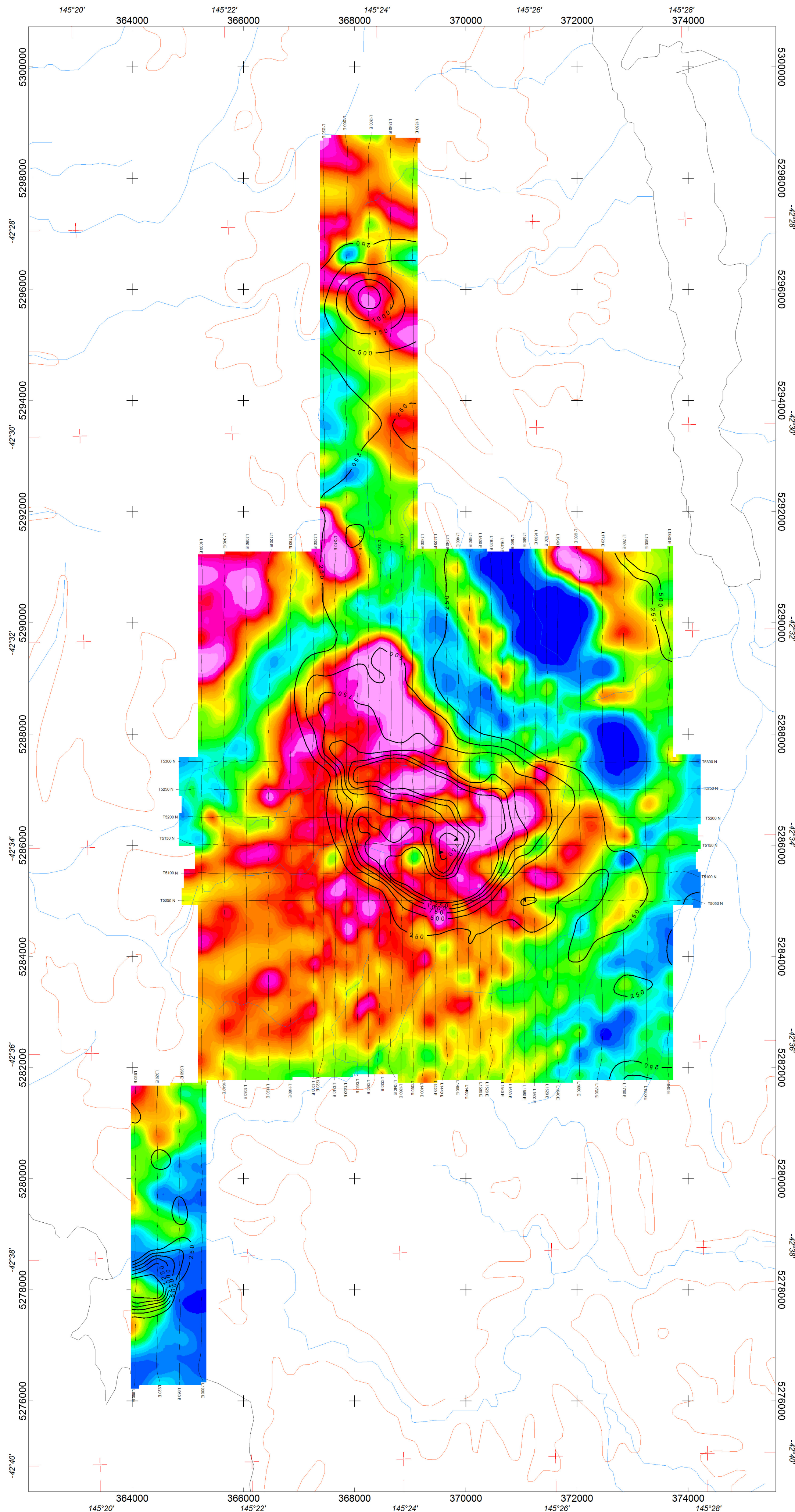
Sampling Rate: 10 Hz

GROUND INSTRUMENTATION:

MAGNETIC BASE STATION:
 Magnetometer: GSM-19
 Base Station Location: Lat: -42.562967 Long: 145.4119817
 EM BASE STATION:
 Two orthogonal pairs of grounded electrical lines
 Lines length: 60 metres each line
 Lines orientation: direction X – NS, Y – EW
 Base Station Location: Lat: Lat: -42.562967 Long: 145.4119817

MAP PROJECTION:

Datum: WGS84
 Projection: Universal Transverse Mercator
 Central Meridian: 147 degree E (Zone 55S)
 Central Scale Factor: 0.9996
 False Easting/Northing: 500,000m/0m



Accelerate Resources Limited

Mt Read Project
 Tasmania, Australia

Apparent Conductivity, 7160 Hz
 with magnetic anomalies contours

EGL MobileMT system flown 11-14 January, 2019

(+1)-647-402-8436, info@expertgeophysics.com

www.expertgeophysics.com
Expert Geophysics Limited