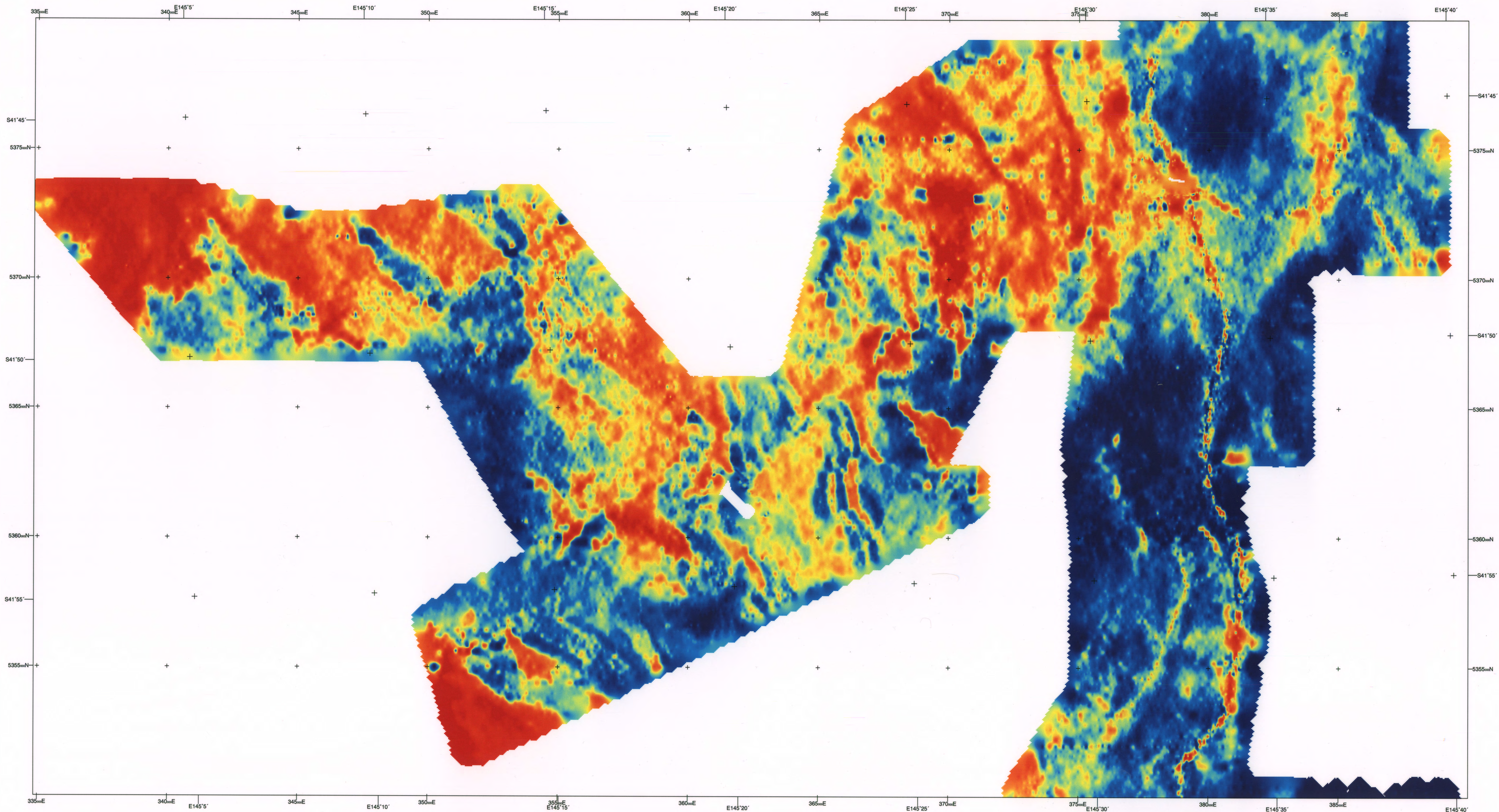




AIRBORNE SURVEY EQUIPMENT

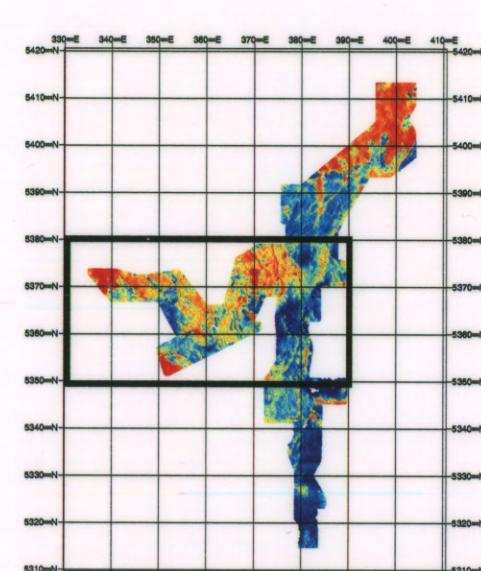
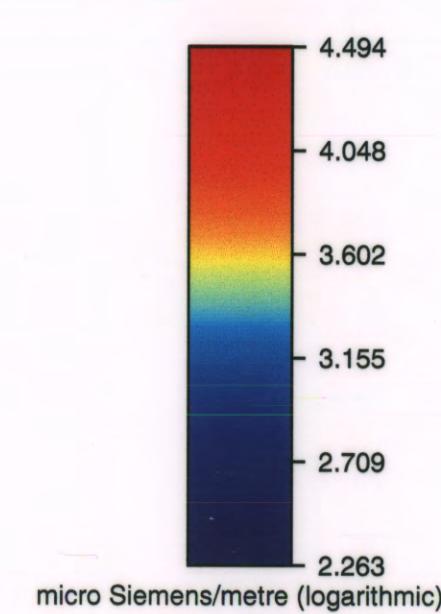
Aircraft
AS-350BA "Squirrel" helicopter VH-RTV
Electromagnetic System
Hummingbird towed 30m below aircraft, multi-coil, five frequency system manufactured by Geotek Pty Ltd of Toronto, Canada
Operating Frequencies
Coplanar coils at 880, 8608 and 84133 Hertz plus coaxial coils at 980 and 7001 Hertz
Magnetometer
Geometrics G-822A Cesium Vapour Magnetometer 0.1 sec (approx 3.5 metres) Resolution 0.001 nT
Recording Interval
Electromagnetic system 0.1 sec (approx 3.5 metres) Magnetometer 0.1 sec (approx 3.5 metres)
EM System Clearance
EM & magnetic sensor boom 30 metres
Navigation
Real time differential GPS system Garmin G12 receiver Omnistar LR3000 virtual base station Geo Instruments Model 2002
Acquisition System
Geo Instruments Model 2002

AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction
090 - 270 degrees
Flight Line Separation
200 metres
Track Line Direction
000 - 180 degrees
Track Line Separation
2000 metres
Terrain Clearance
60 metres
Survey Flown
January 2001 - April 2002
Geo Instruments Job Number
2113

DATA PROCESSING

System parallax and spherics removed
Data drift corrected and micro-levelled
Grid algorithm
Akima Spline
Grid cell size
40 x 40 metres



DATUM
PROJECTION
ZONE
AGRS
AMG
55



WESTERN TASMANIAN REGIONAL MINERALS PROGRAM		
Mt Read Volcanics / Heemath Grant		
Airborne Geophysical Survey		
880 Hz Electromagnetic Conductivity Image		
DATE: June 2002	By: Geo Instruments	PLAN NO.
SCALE: 1:50 000	REF.	