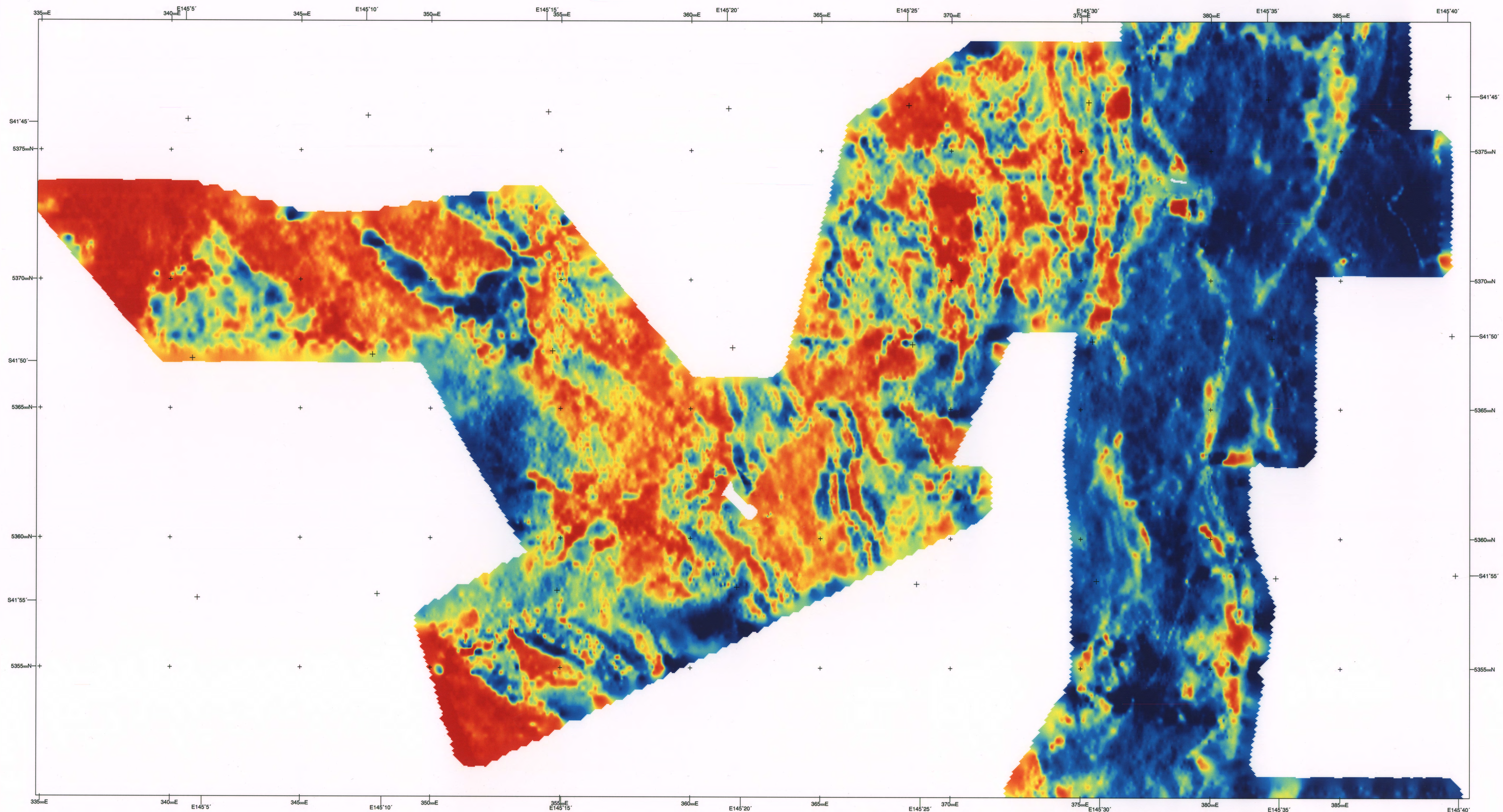


173

5928d

5 cm



AIRBORNE SURVEY EQUIPMENT

Aircraft
AS-350B4 "Squirrel" helicopter V4-RTV
Hummingbird towed 30m below aircraft
Electromagnetic System
multi-coil, five frequency system manufactured
by Geotech Pty Ltd of Toronto, Canada
Operating Frequencies
Coplanar coils at 980, 6608 and 34133 Hertz
plus coaxial coils at 980 and 7001 Hertz
Magnetometer
Geometrics G-822A Caesium Vapour
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
Ashtech G12 receiver
OmniSTAR LR3000 virtual base station
Acquisition System
Geo Instruments Model 2002

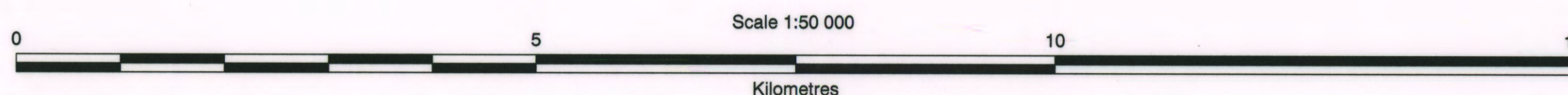
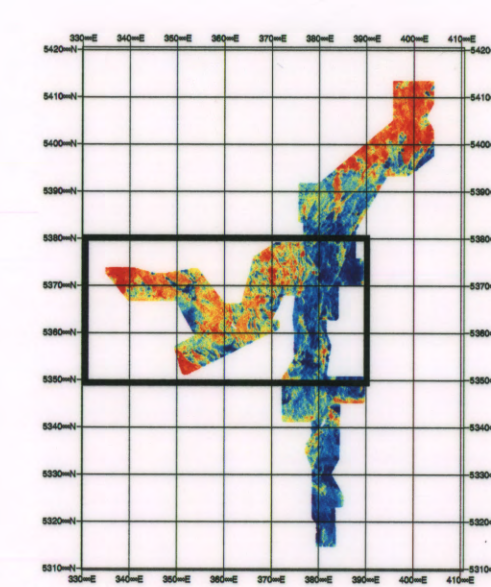
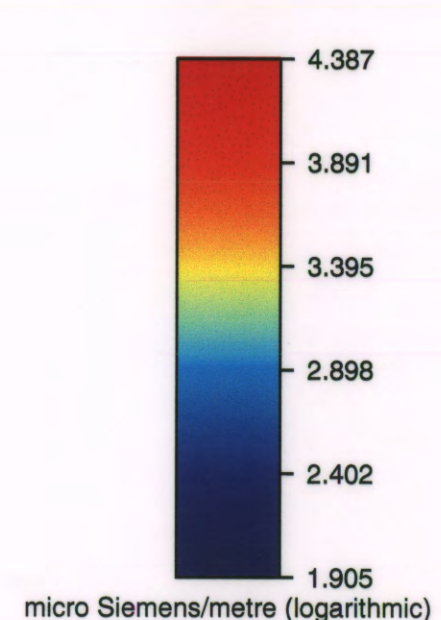
AIRBORNE SURVEY SPECIFICATIONS

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

DATA PROCESSING

System parallax and spherics removed
Data drift corrected and micro-levelled
Grid algorithm
Grid cell size

Aluma Spline
40 x 40 metres



DATUM
PROJECTION
ZONE

AGD66
AMG
55



WESTERN TASMANIAN REGIONAL MINERALS PROGRAM Mt Read Volcanics / Heemskirk Granite		
Airborne Geophysical Survey 6608 Hz Electromagnetic Conductivity Image		
DATE: June 2002	BY: Geo Instruments	PLAN NO.
SCALE: 1:50 000	REF.	