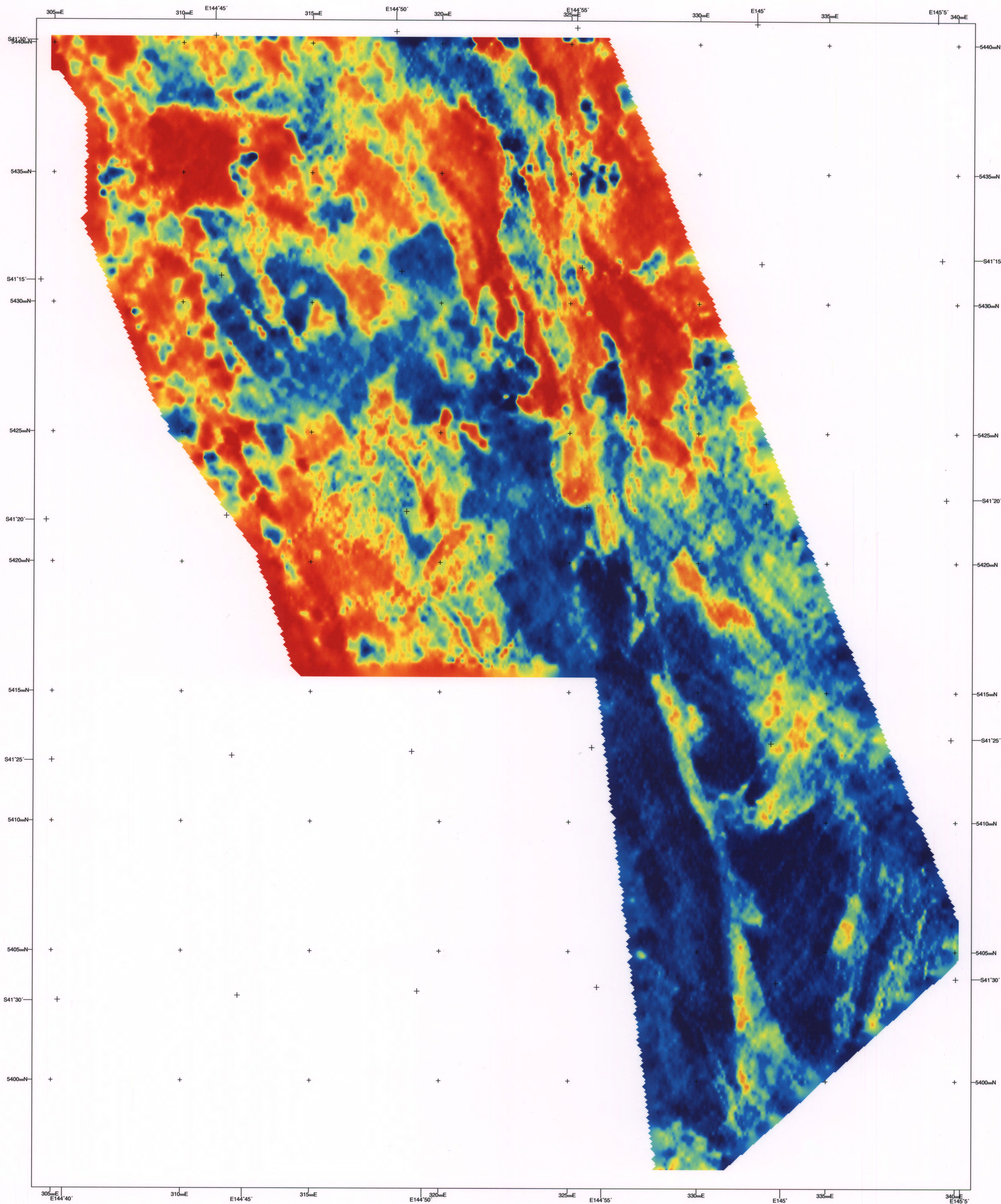




## AIRBORNE SURVEY EQUIPMENT

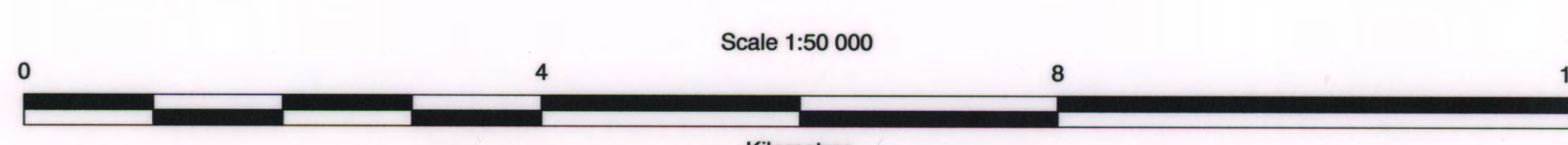
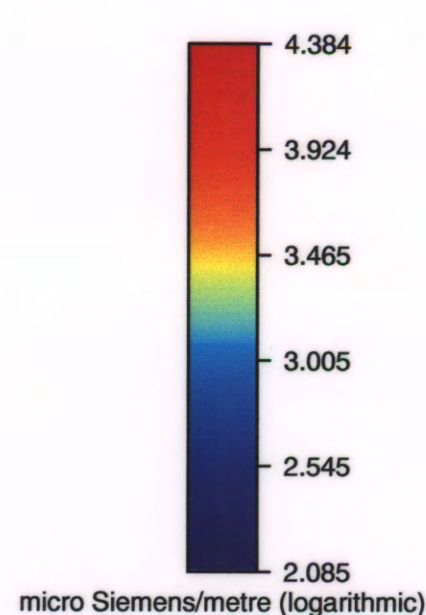
|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Aircraft               | AS-350BA "Squirrel" helicopter VH-RTV                                                                                      |
| Electromagnetic System | Hummingbird towed 30m below aircraft, multi-coil, five frequency system manufactured by Geotech Pty Ltd of Toronto, Canada |
| Operating Frequencies  | Coplanar coils at 880, 660 and 54133 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)<br>Magnetometer 0.1 sec (approx 3.5 metres)                             |
| EM System Clearance    | EM & magnetic sensor boom 30 metres                                                                                        |
| Navigation             | Real time differential GPS system<br>Ashtech G12 receiver<br>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          | 50 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                          | Akima Spline   |
| Grid cell size                          | 40 x 40 metres |



DATUM  
PROJECTION  
ZONE

AGD86  
AMG  
55

WESTERN TASMANIAN REGIONAL MINERALS PROGRAM  
BALFOURAirborne Geophysical Survey  
880 Hz Electromagnetic Conductivity Image

|                  |                     |          |
|------------------|---------------------|----------|
| DATE: April 2002 | BY: Geo Instruments | PLAN NO. |
| SCALE: 1:50 000  | REF.                |          |