# LOGISTICS REPORT

## HELICOPTER GEOPHYSICAL SURVEY

## NORTH EAST TASMANIA

DEPARTMENT OF STATE DEVELOPMENT AND RESOURCES
MINERAL RESOURCES TASMANIA DIVISION

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# 1. LOGISTICS

## *1.1 OPERATING BASE AND DATES OF SURVEY*

### 1.1.1 Operating Bases

Pipers River and Mt Horror

The crew were based at Bridport situated on the Northern coast of East Tasmania. The helicopter was operated from the Bridport airstrip three kilometres South East of the township.

Fingal

The crew and helicopter were based at German Town situated approximately 6km north of St Marys on the East coast of Tasmania.

### 1.1.2 Dates of Flying

Pipers River (Area 3)
The following dates relate to various aspects of the survey in Area 3.

| | |
|---|---|
| Start of Mobilisation to Bridport | 16th Sep 1993 |
| Start of survey production | 21st Sep 1993 |
| Completion of production | 10th Oct 1993 |

Mt Horror (Area 2)
The following dates relate to various aspects of the survey in Area 2.

| | |
|---|---|
| Start of survey production | 11th Oct 1993 |
| Completion of production | 14th Oct 1993 |

Fingal (Area 1)
The following dates relate to various aspects of the survey of Area 1.

| | |
|---|---|
| Start of Mobilisation to German Town | 16th Oct 1993 |
| Start of survey production | 18th Oct 1993 |
| Completion of production | 11th Nov 1993 |

## *1.2 AIRCRAFT DETAILS AND NAMES OF FIELD CREW*

### 1.2.1 Aircraft

Bell Helicopter B206 B3 "Jet Ranger" Registration VH-FHB

### 1.2.2 Field Crew

| | |
|---|---|
| Pilots ( Heli-Aust ) | Peter Franks |
| | Tony Feller |
| Operator/Engineer | Shaun Adams |
| Operator | Thomas Atkinson |
| Survey Manager | Zoltan Beldi |

# 2. SURVEY DETAILS

## *2.1 DESCRIPTION OF AREAS FLOWN*

This survey encompassed three areas which are marked on the area maps in Appendix 1.

### 2.1.1 Flying Specifications

The flying specifications for Pipers River, Mt Horror and Fingal are as follows:-

| | | |
|---|---|---|
| Flight line direction | | 090-270 deg true |
| Flight line spacing | | 200 metres |
| Tie line direction | | 000-180 deg true |
| Tie line spacing | | 400 metres |
| Magnetic sensor mean terrain clearance | | 60 metres |
| Spectrometer sensor mean terrain clearance | | 80 metres |
| Sampling interval | (Magnetics) | 0.20 seconds |
| | | =< 7m / sample |
| | (Radiometrics) | 1.00 seconds |
| Total distance flown for Pipers River area | | 5,646 km |
| Total distance flown for Mt Horror area | | 1,585 km |
| Total distance flown for Fingal area | | 8,735 km |
| Total distance flown | | 15,966 km |

## *2.2 MAPPING*

Flight Planning was conducted by reference to Australian Map Grid Coordinates and area diagrams both supplied by the Department of Mineral Resources, Tasmania.

A copy of the appropriate maps are included in Appendix 1of this report.

## *2.3 FLIGHT PATH RECOVERY*

Navigation was conducted primarily by reference to the positions provided by the Global Positioning System, hereafter referred to as (G.P.S.).

Flight path recovery was obtained by differentially correcting the flight data with static data that were obtained from a fixed base station GPS receiver.

The position of the reference base station antenna was derived from a differential solution of observations referenced to several bench marks.

Pipers River and Mt Horror (Area 2 and 3).

The GPS base station was located in a hangar at Bridport airstrip at the following position

| | |
|---|---|
| South Latitude | 41Deg 01Min 26.017 Secs |
| East Longitude | 147Deg 24Min 20.210 Secs |
| Height | 7.0 Metres |

Fingal (Area1).

The GPS base station was located at German Town.

| | |
|---|---|
| South Latitude | 41Deg 31Min 59.242 Secs |
| East Longitude | 148Deg 11Min 41.422 Secs |
| Height | 501 Metres |

The above Co-ordinates are referenced to the AGD84 Spheroid.

Varying degrees of "Selective availability" were observed during the course of the survey.

In addition to GPS recording, the flight path was recorded visually by a continuous running VHS PAL Colour video camera/recorder fitted with a wide angle lens viewing the ground directly beneath the helicopter for verification purposes.

A synchronising fiducial number generated by the Data Acquisition System was recorded within the video frame and the analogue data monitor charts.

## *2.4 MAGNETOMETER.*

The survey was flown using a Geometrics G-833 Ultra-high sensitivity Meta-Stable Helium Magnetometer sensor system. This sensor provides a Larmor signal within the range of 1.1 to 1.9Mhz that is processed by high precision counters embedded within the Geo Instruments G2000 Acquisition system.

The sensor and pre-amp were mounted in a "bird" and flown approximately 20 metres below the helicopter.

Survey Specifications were:

| | |
|---|---|
| Sensitivity | 0.01 nT |
| Signal/Noise Ratio | >100:1 |
| Still Air RMS Noise | 0.05 nT |
| Digital Recording Resolution | 0.01 nT |
| Magnetic Gradient Tolerance | >20,000 nT / metre |
| Sample Time | 0.10 sec. (Recorded at 0.20sec) |
| Sample Distance (Mean) | 7 metres |

## *2.5 SPECTROMETER*

An Exploranium GR820 Differential Gamma Ray Spectrometer was used to measure the standard energy windows for the gamma radiation from Tl-208, Bi-214, K-40, Total Count and Cosmic.

The gamma ray spectrometer was interfaced to a NaI (Tl) crystal detector with a volume of 16.4 litres (1024 cubic inches). The detector pack was mounted inside the helicopter in the baggage compartment clear of the helicopter fuel tanks.

The GR820 measures the pulses generated by the crystal detector and controls the gain of each individual detector element by reference to the natural radiation emanating from the ground. The isotope selected for the gain control is determined during the survey and depends on the concentration observed during flights covering tie lines.
The Pipers River and Mt Horror Areas had a prevalence of Thorium, therefore it was primarily used as the stabilising element.
The Fingal area had a prevalence of Potassium and it was used as the stabilising element.

The five differential channel windows were defined as follows:

| | |
|---|---|
| Total Count | 0.30 - 3.01 MeV |
| K - 40 | 1.37 - 1.57 MeV |
| Bi - 214 | 1.66 - 1.87 MeV |
| Tl - 208 | 2.41 - 2.81 MeV |
| Cosmic | 3.00 - 9.00 MeV |

The digital recording contains uncorrected values for the channel windows.

## *2.6 ANALOG RECORDING.*

A printer/plotter RMS Instruments Model GR-33 was used to record the following.

| Channel | Parameter | Full Scale |
|---|---|---|
| 00 | Total Magnetic Field | 50 nT |
| 01 | Total Magnetic Field | 500 nT |
| 02 | Total Count | 1,500 cps |
| 03 | Potassium (K-40) | 150 cps |
| 04 | Uranium (Bi-214) | 150 cps |
| 05 | Thorium (Tl-208) | 150 cps |
| 06 | Radar Altitude | 500 ft. |
| 07 | Barometric Altitude | 500 m |

Note that the radiometrics have been normalised to counts per second and Compton scatter (from Thorium) was removed from the Uranium and Potassium channels. Additionally, the fiducial mark correlates to those on the digital data.

## *2.7 ALTIMETER.*

A Sperry AA-210 Radar Altimeter system was used. The pilot's analogue indicator provides an absolute altitude display from 0 to 750 metres ( 0 to 2,500 ft.). Though the altimeter is self calibrating, a check was carried out at 70ft referenced to the "bird" cable at the beginning and end of each flight.

The reference height above mean sea level was derived from the height value provided by the GPS receiver.

## *2.8 BASE STATION MAGNETOMETER*

A Geometrics Model G-856 with digital recording was used as the base station magnetometer for recording the diurnal variations and was run continuously throughout the survey flying period The base station was sampled at 5.0 second period. For the Pipers River and Mt Horror areas the base station was set up adjacent to the runway at the Bridport airstrip. In the Fingal area the base station was located at the top of the hill in the padock adjacent to the main house

Magnetic disturbance activity was classed as moderate throughout much of the survey. Those periods where the magnetic field excursions exceeded the specifications were reflown.

## *2.9 DATA ACQUISITION SYSTEM*

The Geo Instruments G2000 is a Digital Acquisition System based on the IBM PC AT architecture.

The system is fitted with several modules tailored to condition the input data from the various sensing instruments.

A custom written software package facilitates the following;

(a) Correct synchronisation of the data streams,
(b) Formatting of all data received,
(c) Extended error checking of all parameters,
(d) Visual data presentation for monitoring purposes,
(e) Generate and distribute synchronising Fiducial numbers,
(f) Recording of data to magnetic media,
(g) Calculation of position and provide steering display for pilot

An example of the raw data format is provided in Appendix 5.

## *2.10 GPS NAVIGATION SYSTEM.*

This comprised two NovAtel 951R Receivers and associated antennas. The receiver is a ten channel CA code and carrier phase unit capable of tracking up to ten satellites simultaneously and deriving positions from all satellites in view.

Positions may be generated at 0.2 second intervals and internal recording capacities allow ten hours of positional data storage.

Two units were used in conjunction with each other to allow a real time differential solution to be obtained with the aid of a dedicated telemetry link operating in the UHF Band. Corrections were transmitted at three second intervals.

The Pipers River and Mt Horror telemetry link base transmitter was located with the base GPS in a hangar at Bridport airstrip. A repeater transmitter was used to increase the range of the telemetry link and were located in the following positions.

Pipers River.

The repeater used for the Pipers River area was originally located in an abandoned fire tower on Mount Blumont at approximately 534000E, 5440000N. Unfortunately this repeater was stolen on 26/9/93. The replacement repeater was located on the northern face of Mount Arthur on 28/9/93 at approximately 524000E, 5430600N.

Mt Horror.

The repeater used for this area was located in the forestry commission fire tower on Mt Horror at approximately 561500E, 5453400N.

Fingal.

The Fingal area telemetry link base transmitter was located with the base GPS at German Town. Four repeater transmitters were used to increase the range of the telemetry link and were located in the following positions:-

| | |
|---|---|
| North Sister located at approximately | 597800E, 5402200N |
| Mt Saddleback located at approximately | 563500E, 5416500N |
| St Pauls Dome located at approximately | 569200E, 5375500N |
| Ringarooma located at approximately | 562000E, 5434500N |

Real time corrected positional data were output as Latitude/Longitude referenced to the AGD84 spheroid. These data were converted by the G2000 acquisition unit to AMG co-ordinate northing and easting before guidance could be presented to the pilot's left/right steering indicator.

## *2.11 WEATHER DETAILS.*

Weather information where relevant was recorded on the daily flight logs.

## *2.12 EQUIPMENT FAILURES*

Equipment failures were confined to the following ;

- G856 Base Station Magnetometer.
- Radio telemetry equipment stolen.

All were replaced with items of equivalent performance with no change in the quality of the calibration or geophysical data.

# 3. CALIBRATIONS

## *3.1 MAGNETICS*

### 3.1.1 Magnetic Noise Envelope.

Post flight analysis indicated that the mean fourth difference noise level achieved was less than 0.025nTs over the whole of the survey. Only occasional bursts of noise exceeded these parameters. They were generally attributed to the effect of severe mechanical turbulence imposed on the bird whilst flying during strong winds in the proximity of sharp topographical relief.

### 3.1.2 Heading and Parallax Errors

A test flight prior to the survey confirmed no detectable heading error. This is normal and due to the 20m separation of the magnetometer sensor and pre-amp from the helicopter.

A flight was performed before the survey, to test for parallax errors in the system by flying over a metal shed in two opposing directions. It was determined that the digital readings lagged the camera recorded positions by 0.2 of a sample. This averages about two metres and is corrected in the field during merging of the positions with the acquired data.

## *3.2 RADIOMETRICS*

### 3.2.1 Stripping Coefficients.

These coefficients were obtained at the beginning of the survey. They were derived using point source Thorium and Uranium samples placed to give a uniform irradiation of the detector pack while the spectrometer subtraction values were adjusted to give minimum observable contribution into the other channels.

The following stripping co-efficients were used for subsequent correction of the digital data:

| | | |
|---|---|---|
| alpha | 0.57 | (Tl-208 from Bi-214) |
| beta | 0.68 | (Tl-208 from K-40) |
| gamma | 0.11 | (Bi-214 from K-40) |

### 3.2.2 Pre and Post Flight Checks

All crystals were aligned prior to each day's flight using Cs137 sources and checked for drift at the conclusion of the day. Drift values were kept to a minimum by the correction mechanisms built into the GR820 spectrometer. An alarm is generated whenever the gain drift exceeds nominal tolerances and the GR820 is unable to correct the drift. An unresolved alarm will preclude further flying, however none were generated for this survey.

Pre and post flight checks were undertaken using the following samples:

Thorium sample
Uranium sample

Both pre and post flight sample checks were recorded in analogue and digital forms.

### 3.2.3 Flight Calibrations

A test line was flown before and following each days survey to assess the repeatability of the system pre and post data collection. A test line that exhibited some radiometric expression was selected.

#### Pipers River and Mt Horror Area

The test line used in the Pipers River and Mt Horror areas was located very near the airstrip and is marked on the locality map. Part of the test line was flown over water in order to provide good radiometric contrast.

In addition, a line was flown at 100 metres above water at the beginning and end of each days survey to record system and environmental background. All test lines were recorded both digitally and on the analogue recorder.

#### Fingal Area

The test line used in the Fingal area was located very near the township of Falmouth and is marked on the locality map. Part of the test line was flown over water in order to provide good radiometric contrast.

In addition, a line was flown at 100 metres above water at the beginning and end of each days survey to record system and environmental background. All test lines were recorded both digitally and on the analogue recorder.

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FACSIMILE TRANSMISSION

TO: Tas. Dept of Mineral Resources FAX:
ATTN: Dr R. G. Richardson PAGES: 1
RE: Spectrometer coefficients DATE: 25.3.94
FROM: Roger Henderson

Firstly, the values sent previously for the earlier system are correct as per fax.

For the new GR-820 system

1) Stripping Ratios

gamma KU = 0.81
beta KT = 0.40
alpha UT = 0.25
TU = 0.06

2).

| | TC | K | U | Th. | |
|---|---|---|---|---|---|
| Altitude: | 0.0037 | 0.0032 | 0.0042 | 0.0038 | per metre |
| A/c backgrd: | 60 | 3 | 2 | 0.75 cps | |
| Cosmic bkgrd: | 0.520 | 0.025 | 0.021 | 0.026 | |

# 3. CALIBRATIONS

## *3.1 MAGNETICS*

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Post flight analysis indicated that the mean fourth difference noise level achieved was less than 0.025nTs over the whole of the survey. Only occasional bursts of noise exceeded these parameters. They were generally attributed to the effect of severe mechanical turbulence imposed on the bird whilst flying during strong winds in the proximity of sharp topographical relief.

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These coefficients were obtained at the beginning of the survey. They were derived using point source Thorium and Uranium samples placed to give a uniform irradiation of the detector pack while the spectrometer subtraction values were adjusted to give minimum observable contribution into the other channels.

The following stripping co-efficients were used for subsequent correction of the digital data:

| | |
|---|---|
| KU | 0.81 |
| KT | 0.40 |
| UT | 0.25 |
| TU | 0.06 |

The following corrections were used:-

| | TC | K | U | Th |
|---|---|---|---|---|
| Altitude / m | 0.0037 | 0.0032 | 0.0042 | 0.0038 |
| Aircraft background (cps) | 60 | 3 | 2 | 0.75 |
| Cosmic background (cps) | 0.520 | 0.025 | 0.021 | 0.026 |

# 4. DATA PROCESSING

## *4.1 RECOVERY INFORMATION*

The post processed position information was merged with the geophysical data and then subjected to a number of checks. These include;

(a) Speed correlation checks.
(b) Spikes, dropouts and noise bursts in all data streams
(c) Flight path coverage within specified parameters.

## *4.2 DIGITAL DATA*

### 4.2.1 Magnetic Processing

All data were checked for abnormalities by an in-field data verification system that checks conformity of all parameters within a band of acceptable values.

Having verified all data in the field, the final processing sequence is reduced to the following steps;

(a) Convert all variables to common base levels.
(b) Normalise Base station Magnetometer levels.
(c) Subtract normalised Base Station Magnetometer from Magnetometer values acquired along each line.
(d) Subtract the IGRF Model from the magnetic datum.
(e) Grid the data using a 50 metre square grid mesh.
Gridding method is as per Briggs 1974 utilising a four times line spacing search/scan radius.

No filters were applied to the data prior to gridding.

### 4.2.2 Radiometrics

The spectrometer data was composed of the spectrometer timer, radar and barometric altimeters and the windowed data (i.e. Total count, Potassium, Uranium, Thorium ). The windowed data was normalised to counts per second and checked for steps, spikes and noise.

The dataset was then corrected for the following:

1 Aircraft Background
2 Compton Scatter due to Cosmic
3. Energy Stripping of K-40 and Bi-214

The altitude attenuation correction was performed as an exponential function to the nominal (80 metres) survey height.

## 4.3 DELIVERED ITEMS

(a) 1:50,000 Scale Final Mylar base Maps of the following;

Flight Path Plots.
Total Magnetic Intensity contours.
Total Magnetic Intensity stacked profiles.
Total Radiometric Intensity contours.

(b) Gridded Data Tapes of Magnetic and Radiometric data
Located data tapes of all acquired parameters.

(c) Raw data disks from helicopter system and Base station magnetometer.
Video flight path records

(d) Analog chart records. (Annotated and folded)
Flight logs (original un-edited)

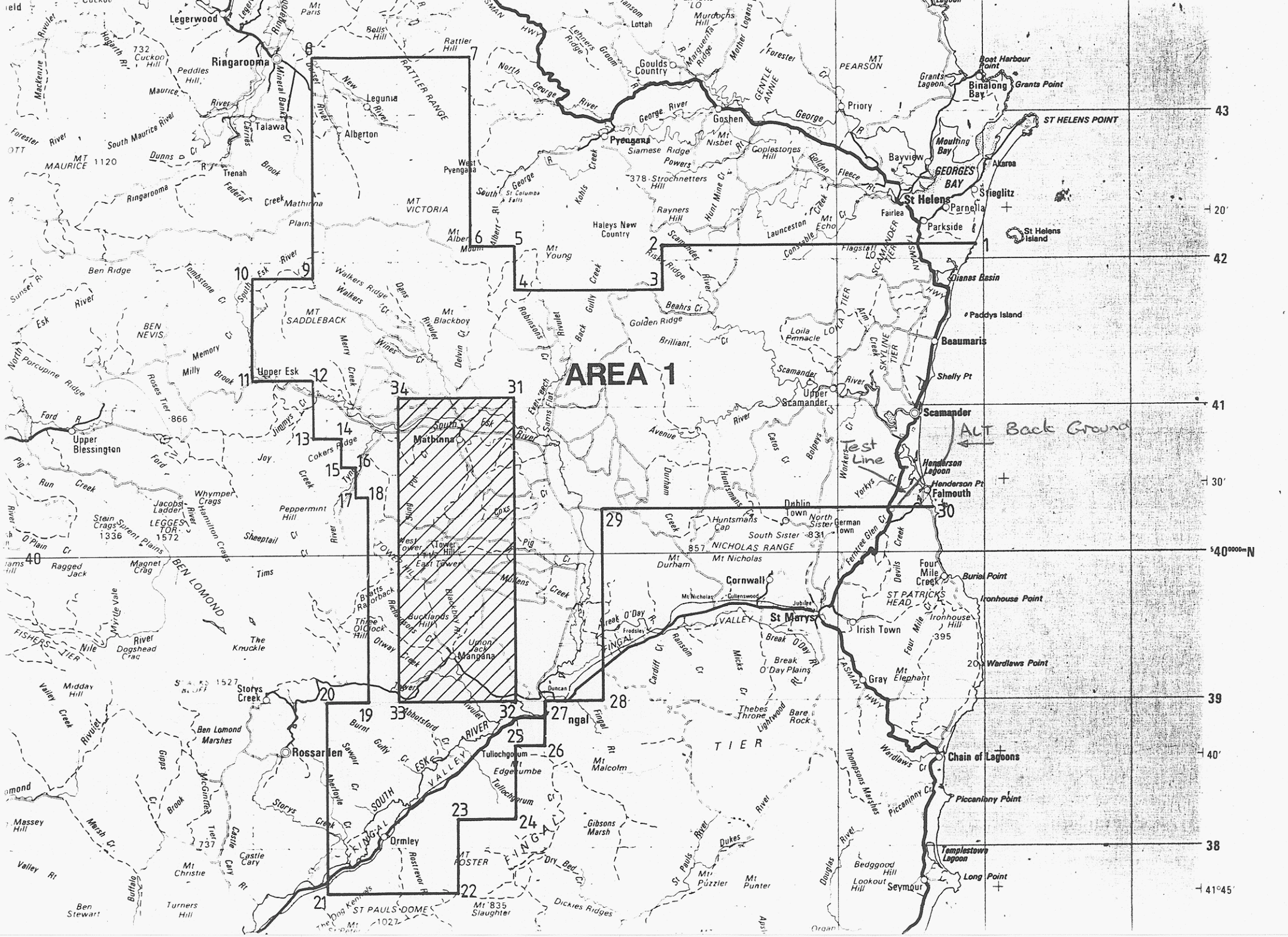
# APPENDIX 1

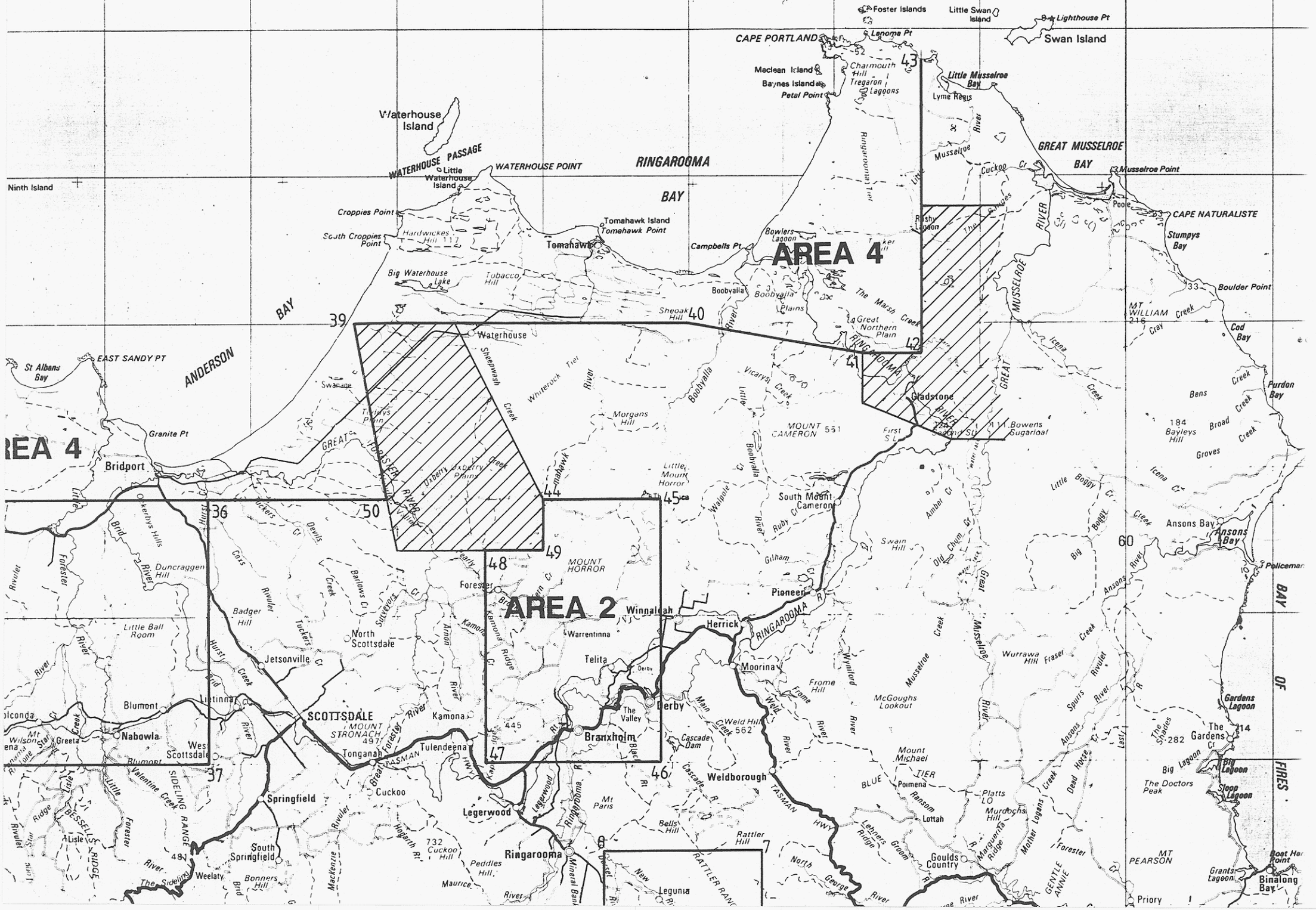
## MAPS OF AREA FLOWN

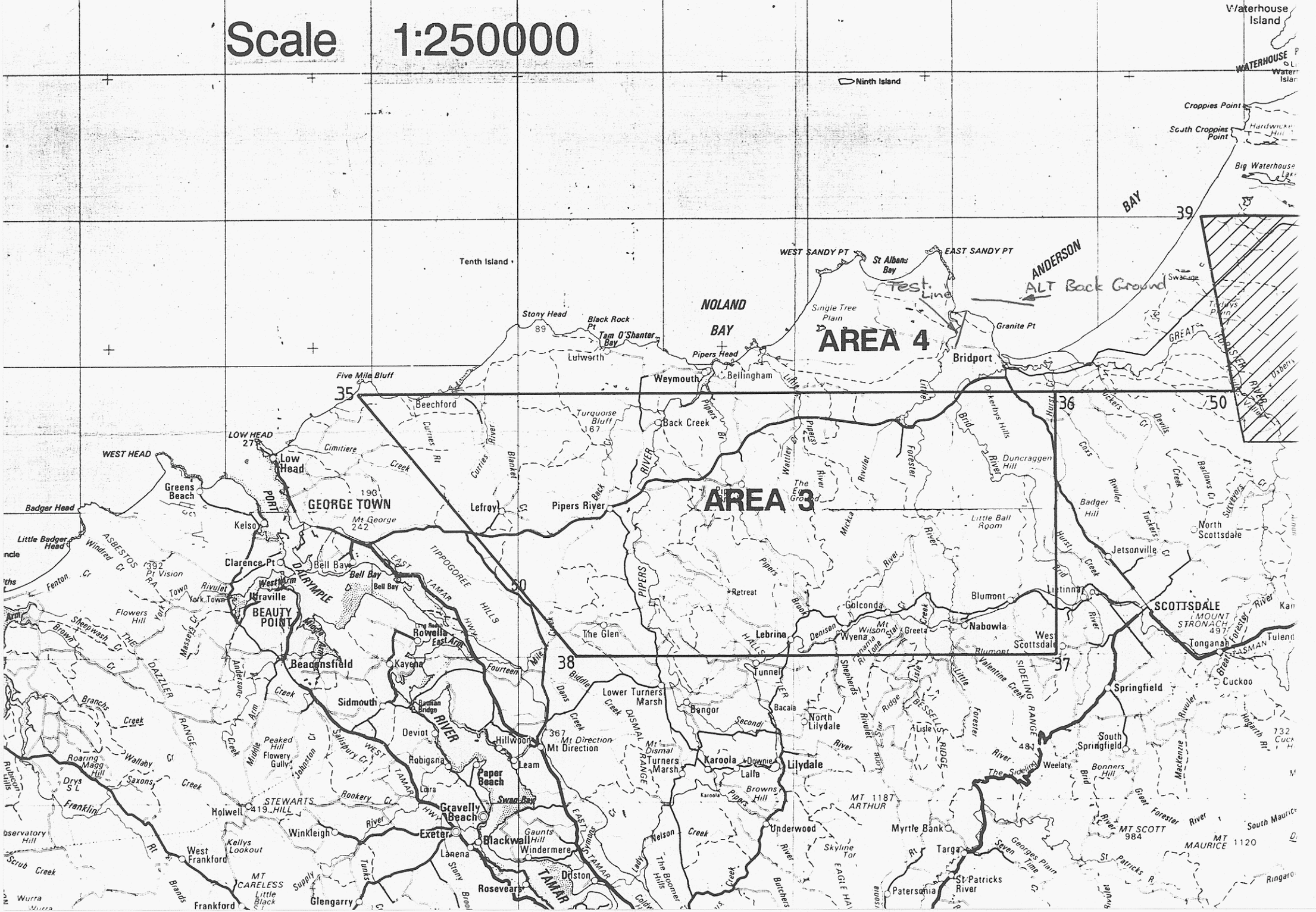
Job Number: 9304

Enclosed are Area Maps of;

- Area 1 (Pipers River)
- Area 2 (Mt Horror)
- Area 3 (Fingal)


AREA 1
Test Line
ALT Back Ground
Legerwood
Ringarooma
Mt Paris
Bells Hill
Rattler Hill
Lottah
Murdochs Hill
Goulds Country
Marguerita Ridge
Mother Logans
Forester
MT PEARSON
Boat Harbour Point
Grants Lagoon
Binalong Bay
Grants Point
ST HELENS POINT
Priory
Goshen
Pyengana
Siamese Ridge
Mt Nisbet
Coplestones Hill
Moulting Bay
Bayview
GEORGES BAY
Akaroa
St Helens
Fairlea
Parnella
Parkside
St Helens Island
Flagstaff
Launceston
Mt Echo
Haleys New Country
Rayners Hill
Hunt Mine Ck
Golden Fleece Ri
Scamander River
Dianas Basin
Paddys Island
Beaumaris
Shelly Pt
Scamander
Upper Scamander
Loila Pinnacle
Golden Ridge
Brilliant
Beahrs Ck
Robinsons Gully
Back Rivulet
Mt Young
Mt Albert
Mt Victoria
Mt Saddleback
Mt Blackboy
Ben Nevis
Ben Ridge
Tombstone Ck
Walkers Ridge
Dans Rivulet
Wines Ck
Delvin Ck
Memory Ck
Milly Brook
Porcupine Ridge
Roses Tier
Upper Esk
Upper Blessington
Jimmys Ck
Cokers Ridge
Joy Creek
Whymper Crags
Peppermint Hill
Sheeptail Ck
Jacobs Ladder
Stein Crags
Surrent Plains
LEGGES TOR
1572
1336
Ragged Jack
Magnet Crag
Tims
BEN LOMOND
Myrtle Vale
Nile River
Dogshead Crag
The Knuckle
FISHERS TIER
Mathinna
South Esk River
Tyer Rivulet
Tower Hill
West Tower
East Tower
Coxs Ck
Pig Ck
Mahlens Creek
Buckland Hill
Blackboy Rd
Union Jack
Mangana
Three O'Clock Hill
Otway Ck
Bratts Rayborack
Richardsons Ck
Lower Ck
Abbotsford Rivulet
Storys Creek
Ben Lomond Marshes
Rossarden
Sawyer Ck
Burnt Gully Ck
Aberfoyle Ck
Tullochgorum
Mt Edgecumbe
Tullochgorum Ck
ESK VALLEY
SOUTH ESK RIVER
Ormley
Gibsons Marsh
Mt Foster
Rostrevor Rd
Dry Bed Ck
Mt Malcolm
TIER
Thebes Throne
Lightwood Bare Rock
Ngal
Fingal
Cornwall
Mt Nicholas
Gullenswood
Jubilee
Dublin Town
North Sister
German Town
South Sister
831
857
NICHOLAS RANGE
Mt Durham
Huntsmans Cap
Fentree Glen Ck
Four Mile Creek
Devils Creek
Burial Point
Ironhouse Point
ST PATRICKS HEAD
Ironhouse Hill
Irish Town
395
Four Mile Creek
St Marys
VALLEY
Break O'Day
Break O'Day Plains
Frodsley
Cardiff Ck
Ransom Ck
Micks Ck
Gray
Mt Elephant
Wardlaws Point
TASMAN HWY
Chain of Lagoons
Wardlaws Ck
Piccaninny Ck
Piccaninny Point
Thompsons Marshes
Templestown Lagoon
Long Point
Seymour
Bedggood Hill
Lookout Hill
Mt Puzzler
Mt Punter
St Pauls River
Dukes River
Douglas River
Dickies Ridges
Mt 835 Slaughter
ST PAULS DOME
1027
Mt Christie
Castle Cary
Turners Hill
Ben Stewart
Massey Hill
Valley Rt
Buffalo Rt
Marsh Ck
Castle Cary Rt
McGinties Ck
Tier
737
Gipps Brook
Midday Hill
Valley Creek
Rivulet
Ben Lomond
Mt Barrow
1527
Mt Cuckoo
732
Cuckoo Hill
Peddles Hill
Mackenzie Rivulet
Rogerth Rt
Maurice River
Mineral Banks
Legunia
Alberton
Talawa
Carnes
Dunns Ck
Trenah Brook
Federal Creek
Mathinna Plains
South Maurice River
Forester River
MT MAURICE
1120
Ringarooma River
New River
RATTLER RANGE
North George River
George River
Lehners Ridge
Groom
Siamese Ridge
Powers
Kohls Creek
South George River
St Columba Falls
West Pyengana
378 Strochnetters Hill
Scamander River
Risby Ridge
Constable
Arm
Loila Tier
Skyline Tier
Tasman Hwy
Lo Scamander Tier
Workers
Cates Ck
Belpeys
Durham Avenue
Huntsmans
Yorkys Ck
Henderson Lagoon
Henderson Pt
Falmouth
Ford River
Pig Run Creek
Ford
Everyeach
Sams Flat
Avenue
Lo Tier
Hamilton Crags
Whymper Crags
Peppermint Hill
Sheeptail Ck
Tyer Rivulet
Cokers Ridge
Jimmys Ck
Joy Creek
Roses Tier
866
Porcupine Ridge
North Esk River
Milly Brook
Memory Ck
Wines Ck
Merry Creek
Walkers Ridge
Dans Rivulet
Delvin Ck
Mt Blackboy
Mt Saddleboy
Ben Nevis
Sunset Rt
Ben Ridge
Tombstone Ck
South Esk River
Mt Albert
Mt Young
Haleys New Country
Mt Echo
Launceston Creek
Rayners Hill
Hunt Mine Ck
Golden Fleece Ri
Scamander River
Risby Ridge
Constable
Arm
Loila Tier
Skyline Tier
Tasman Hwy
Lo Scamander Tier
Workers
Cates Ck
Belpeys
Durham Avenue
Huntsmans
Yorkys Ck
Henderson Lagoon
Henderson Pt
Falmouth
Dianas Basin
Paddys Island
Beaumaris
Shelly Pt
Scamander
Upper Scamander
Loila Pinnacle
Golden Ridge
Brilliant
Beahrs Ck
Robinsons Gully
Back Rivulet
Mt Young
Mt Albert
Mt Victoria
Mt Saddleback
Mt Blackboy
Ben Nevis
Ben Ridge
Tombstone Ck
Walkers Ridge
Dans Rivulet
Wines Ck
Delvin Ck
Memory Ck
Milly Brook
Porcupine Ridge
Roses Tier
Upper Esk
Upper Blessington
Jimmys Ck
Cokers Ridge
Joy Creek
Whymper Crags
Peppermint Hill
Sheeptail Ck
Jacobs Ladder
Stein Crags
Surrent Plains
LEGGES TOR
1572
1336
Ragged Jack
Magnet Crag
Tims
BEN LOMOND
Myrtle Vale
Nile River
Dogshead Crag
The Knuckle
FISHERS TIER
Mathinna
South Esk River
Tyer Rivulet
Tower Hill
West Tower
East Tower
Coxs Ck
Pig Ck
Mahlens Creek
Buckland Hill
Blackboy Rd
Union Jack
Mangana
Three O'Clock Hill
Otway Ck
Bratts Rayborack
Richardsons Ck
Lower Ck
Abbotsford Rivulet
Storys Creek
Ben Lomond Marshes
Rossarden
Sawyer Ck
Burnt Gully Ck
Aberfoyle Ck
Tullochgorum
Mt Edgecumbe
Tullochgorum Ck
ESK VALLEY
SOUTH ESK RIVER
Ormley
Gibsons Marsh
Mt Foster
Rostrevor Rd
Dry Bed Ck
Mt Malcolm
TIER
Thebes Throne
Lightwood Bare Rock
Ngal
Fingal
Cornwall
Mt Nicholas
Gullenswood
Jubilee
Dublin Town
North Sister
German Town
South Sister
831
857
NICHOLAS RANGE
Mt Durham
Huntsmans Cap
Fentree Glen Ck
Four Mile Creek
Devils Creek
Burial Point
Ironhouse Point
ST PATRICKS HEAD
Ironhouse Hill
Irish Town
395
Four Mile Creek
St Marys
VALLEY
Break O'Day
Break O'Day Plains
Frodsley
Cardiff Ck
Ransom Ck
Micks Ck
Gray
Mt Elephant
Wardlaws Point
TASMAN HWY
Chain of Lagoons
Wardlaws Ck
Piccaninny Ck
Piccaninny Point
Thompsons Marshes
Templestown Lagoon
Long Point
Seymour
Bedggood Hill
Lookout Hill
Mt Puzzler
Mt Punter
St Pauls River
Dukes River
Douglas River
Dickies Ridges
Mt 835 Slaughter
ST PAULS DOME
1027
Mt Christie
Castle Cary
Turners Hill
Ben Stewart
Massey Hill
Valley Rt
Buffalo Rt
Marsh Ck
Castle Cary Rt
McGinties Ck
Tier
737
Gipps Brook
Midday Hill
Valley Creek
Rivulet
Ben Lomond
Mt Barrow
1527
Mt Cuckoo
732
Cuckoo Hill
Peddles Hill
Mackenzie Rivulet
Rogerth Rt
Maurice River
Mineral Banks
Legunia
Alberton
Talawa
Carnes
Dunns Ck
Trenah Brook
Federal Creek
Mathinna Plains
South Maurice River
Forester River
MT MAURICE
1120
Ringarooma River
New River
RATTLER RANGE
North George River
George River
Lehners Ridge
Groom
Siamese Ridge
Powers
Kohls Creek
South George River
St Columba Falls
West Pyengana
378 Strochnetters Hill


AREA 4
AREA 2
AREA 4
RINGAROOMA BAY
GREAT MUSSELROE BAY
BAY OF FIRES
ANDERSON BAY
WATERHOUSE PASSAGE
CAPE PORTLAND
CAPE NATURALISTE
Foster Islands
Little Swan Island
Swan Island
Lighthouse Pt
Lenoma Pt
Maclean Island
Baynes Island
Petal Point
Charmouth Hill
Tregaron Lagoons
Little Musselroe Bay
Lyme Regis
Musselroe River
Musselroe Point
Waterhouse Island
Little Waterhouse Island
WATERHOUSE POINT
Ninth Island
Croppies Point
South Croppies Point
Hardwickes Hill
Tomahawk Island
Tomahawk Point
Tomahawk
Campbells Pt
Bowlers Lagoon
Rushy Lagoon
Poole
Stumpys Bay
Boulder Point
Big Waterhouse Lake
Tobacco Hill
Boobyalla
Boobyalla Plains
The Marsh
Great Northern Plain
Sheoak Hill
Waterhouse
Sheepwash Creek
Whiterock Tier
Vicarys Creek
Gladstone
Bowens Sugarloaf
MOUNT CAMERON
Mt William
Cod Bay
Purdon Bay
St Albans Bay
EAST SANDY PT
Granite Pt
Swanage
Tiviots Plain
Bridport
Duncraggen Hill
Ockerbys Hills
Badger Hill
Little Ball Room
Jetsonville
North Scottsdale
Forester
Warrentinna
Winnaleah
Herrick
Pioneer
Moorina
Telita
Derby
The Valley
Branxholm
SCOTTSDALE
MOUNT STRONACH
Blumont
Nabowla
West Scottsdale
Tonganah
Tulendeena
Kamona
Springfield
Cuckoo
Legerwood
Weldborough
Cascade Dam
Weld Hill
Mount Michael
Poimena
Lottah
Ransom
Platts LO
Murdochs Hill
Mother Logans
Dead Horse Creek
Ringarooma
Mt Paris
Bells Hill
Rattler Hill
Goulds Country
Marquerita Ridge
Lehners Ridge
Groom
Legunia
RATTLER RANGE
South Springfield
Weelaty
Bonners Hill
Peddles Hill
Maurice
Cuckoo Hill
732
Sideling Range
Bessells Ridge
Lisle
Valentine Creek
Mt Wilson
Greens Lagoon
Ansons Bay
Policeman Point
Gardens Lagoon
The Gardens
The Shades
Big Lagoon
Sloop Lagoon
The Doctors Peak
Mt Pearson
Grants Lagoon
Boat Harbour Point
Binalong Bay
Priory
Wurrawa Hill
McGoughs Lookout
Frome Hill
Swain Hill
Bayleys Hill
Groves
Bens
Broad Creek
Little Boggy Creek
Big Boggy Creek
Amber Cr
Ruby Cr
Gilham Cr
Old Chum Cr
Little Mount Horror
MOUNT HORROR
South Mount Cameron
Sugarloaf
Second Sugarloaf
First Sugarloaf
Granite Pt
Bridport
Tasman Hwy
Great Forester River
Mersey Forester Rd
Hurst Creek
Tuckers Cr
Devils Cr
Barlows Cr
Surveyors Cr
Kamona Cr
Kamona Ridge
Main Creek
Weld River
Frome River
Ringarooma River
Musselroe River
Spurs River
Ansons River
Dead Horse Creek
Mackenzie River
Hogarth Rd
Mineral Bank
Legerwood
Blue Tier
Ringarooma Tier
Little Tier
Great Tier
Cuckoo Cr
Icena Cr
Creek
Rivulet
River
Hill
Point
Bay
Lagoon
Ridge
Range
Plains
Marsh
Tier
Cr
Rd
Hwy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AREA 3
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ALT Back Ground
ANDERSON
NOLAND BAY
ST ALBANS BAY
WEST SANDY PT
EAST SANDY PT
Waterhouse Island
Ninth Island
Tenth Island
Croppies Point
South Croppies Point
Big Waterhouse Lake
Granite Pt
Bridport
Weymouth
Bellingham
Pipers Head
Tam O'Shanter Bay
Stony Head
Black Rock Pt
Lulworth
Single Tree Plain
Five Mile Bluff
Beechford
Turquoise Bluff
Back Creek
Pipers River
Lefroy
GEORGE TOWN
Mt George
Low Head
LOW HEAD
WEST HEAD
Greens Beach
Badger Head
Little Badger Head
Kelso
Clarence Pt
Bell Bay
West Arm
Traralgon
BEAUTY POINT
DALRYMPLE
Rowella
East Arm
Beaconsfield
Kayena
Sidmouth
Deviot
Hillwood
Mt Direction
Leam
Paper Beach
Swan Bay
Gravelly Beach
Exeter
Blackwall
Windermere
Lanena
Riverside
Rosevears
Legana
Holwell
STEWARTS HILL
Winkleigh
West Frankford
Frankford
Glengarry
MT CARELESS
Kellys Lookout
Robigana
Lora
Deloraine
Underwood
Lower Turners Marsh
Turners Marsh
Bangor
Tunnel
Lebrina
The Glen
Retreat
Golconda
Nabowla
Blumont
Lilydale
North Lilydale
Karoola
Lalla
Bacala
Secondi
Browns Hill
Skyline Tor
Myrtle Bank
Targa
Patersonia
St Patricks River
MT 1187 ARTHUR
MT SCOTT 984
MT MAURICE 1120
Jetsonville
North Scottsdale
Badger Hill
Duncraggen Hill
Little Ball Room
Lietinnar
SCOTTSDALE
MOUNT STRONACH 497
West Scottsdale
Springfield
South Springfield
Weelaty
Bonners Hill
Cuckoo
Tonganah
Tulend
Nabowla
Wyena
Mt Wilson
Greeta
Denison
Golconda
Lebrina
Tunnel
Bangor
Lower Turners Marsh
Deviot
Hillwood
Leam
Paper Beach
Swan Bay
Gravelly Beach
Exeter
Blackwall
Windermere
Lanena
Riverside
Rosevears
Legana
Holwell
Winkleigh
West Frankford
Frankford
Glengarry
Underwood
Myrtle Bank
Targa
Patersonia
St Patricks River
Lilydale
North Lilydale
Karoola
Lalla
Bacala
Secondi
Browns Hill
Skyline Tor
Nelson Creek
Butchers Creek
Eagle Hawk Neck
Tasman Peninsula
Port Arthur
Forestier Peninsula
Great Forester River
Little Forester River
Duncraggen Hill
Badger Hill
Little Ball Room
Lietinnar
Jetsonville
North Scottsdale
SCOTTSDALE
MOUNT STRONACH 497
West Scottsdale
Springfield
South Springfield
Weelaty
Bonners Hill
Cuckoo
Tonganah
Tulend
Nabowla
Wyena
Mt Wilson
Greeta
Denison
Golconda
Lebrina
Tunnel
Bangor
Lower Turners Marsh
Deviot
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Swan Bay
Gravelly Beach
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Blackwall
Windermere
Lanena
Riverside
Rosevears
Legana
Holwell
Winkleigh
West Frankford
Frankford
Glengarry
Underwood
Myrtle Bank
Targa
Patersonia
St Patricks River
Lilydale
North Lilydale
Karoola
Lalla
Bacala
Secondi
Browns Hill
Skyline Tor
Nelson Creek
Butchers Creek
Eagle Hawk Neck
Tasman Peninsula
Port Arthur
Forestier Peninsula
Great Forester River
Little Forester River
35
36
37
38
39
50
50

# APPENDIX 2

## INDEX OF DELIVERED MAPS

Enclosed Maps
- Flight Path
- Total Magnetic Profiles Traverse's
- Total Magnetic Profiles Tie's
- Total Magnetic Contours
- Total Count Contours

Job Number: 9304

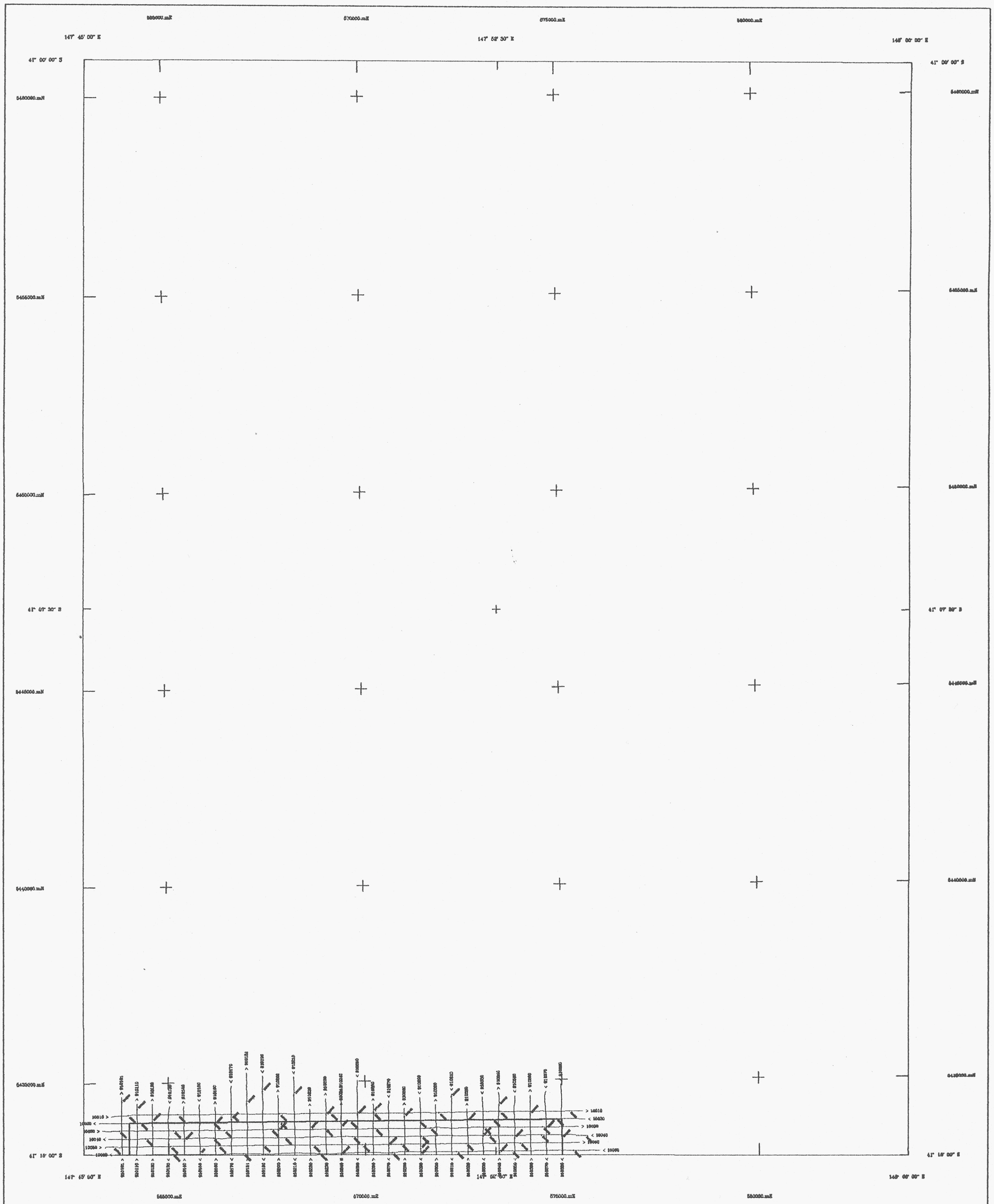
Survey Area: Fingal

Area: 1

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FEH |
| Magnetometer | Geometrics GS33 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Pkg | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 31' 59.243" E 146 11' 41.422"

Every 500 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
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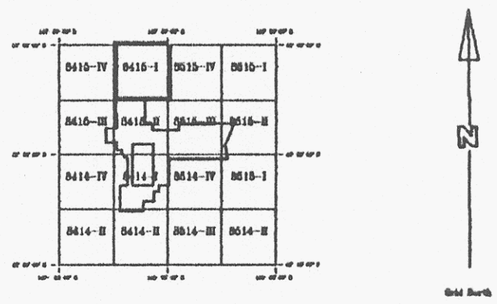
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

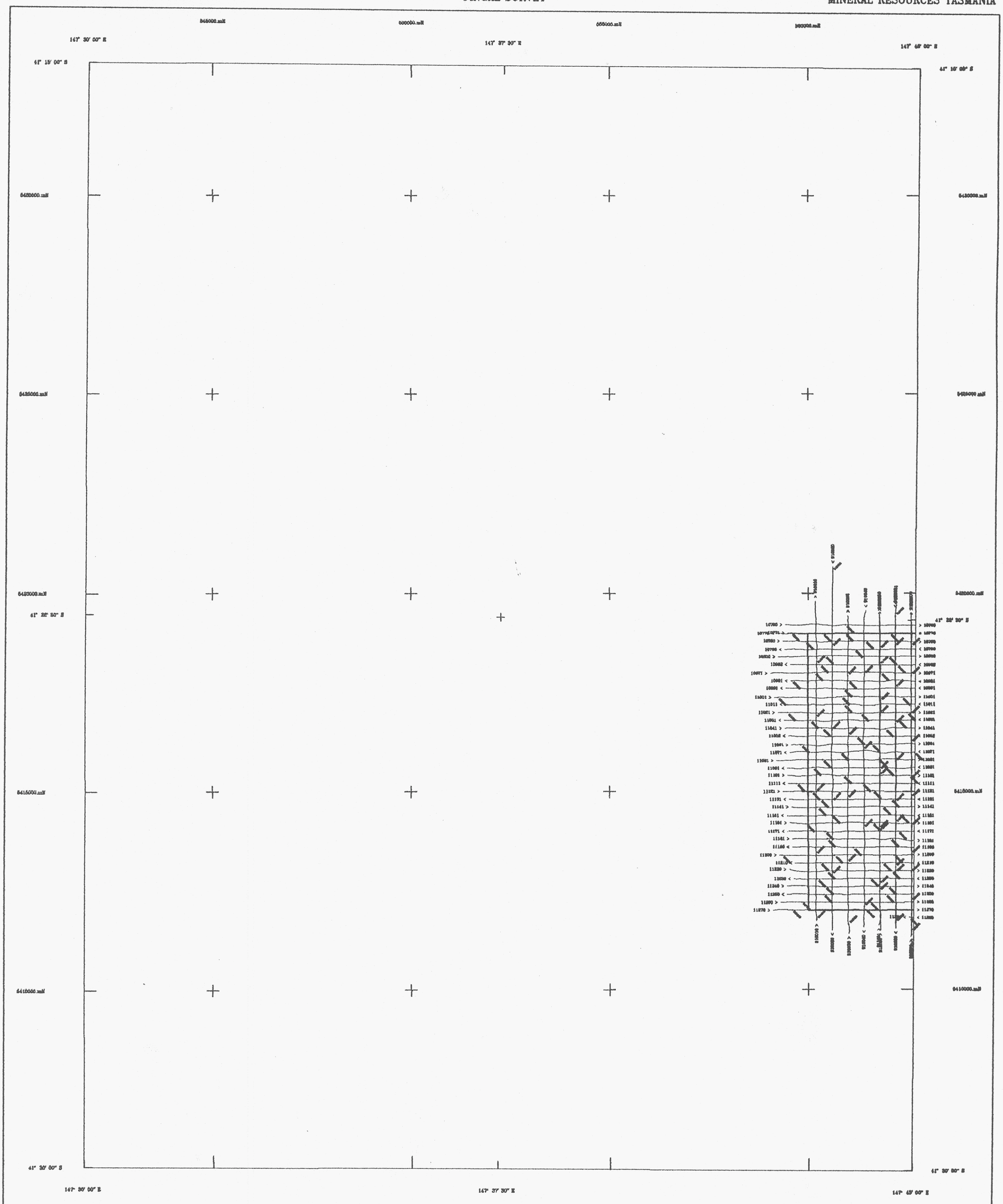



8415-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FEH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 31' 56.249" E 146 11' 41.439"

Every 500 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Fingal Aeromagnetic Survey

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SCALE 1:50,000
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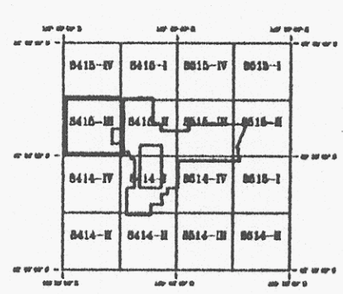
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

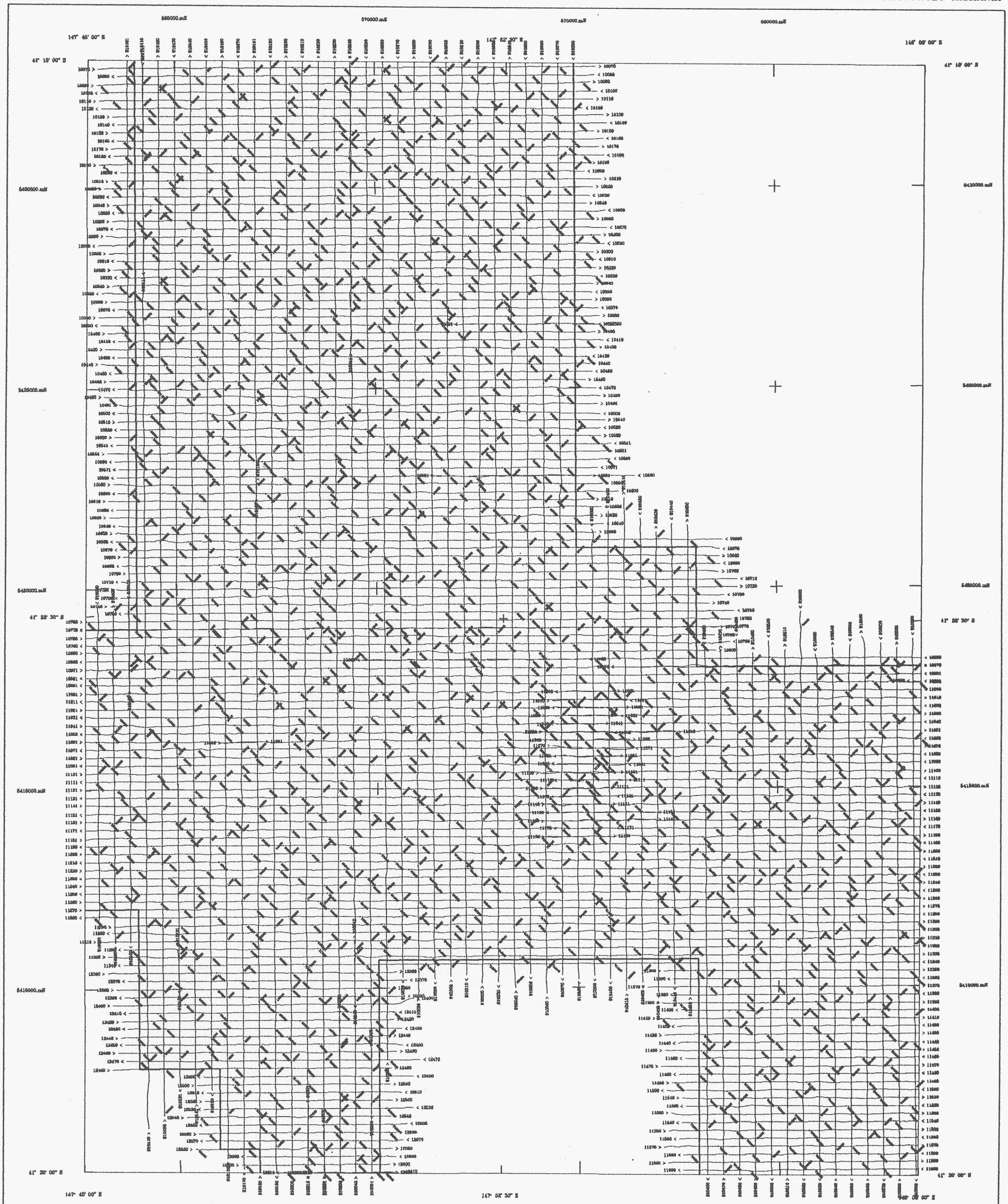



8415-III

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 20 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 005 - 185 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 31' 59.242" E 148 11" 41.422"

Every 500 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Fingal Aeromagnetic Survey

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SCALE 1:50,000
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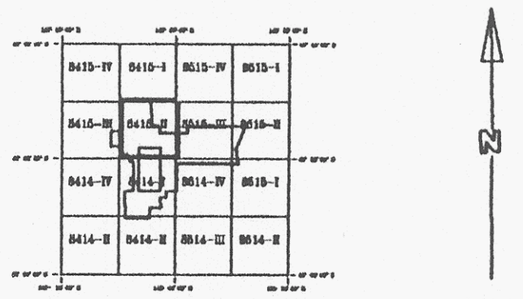
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

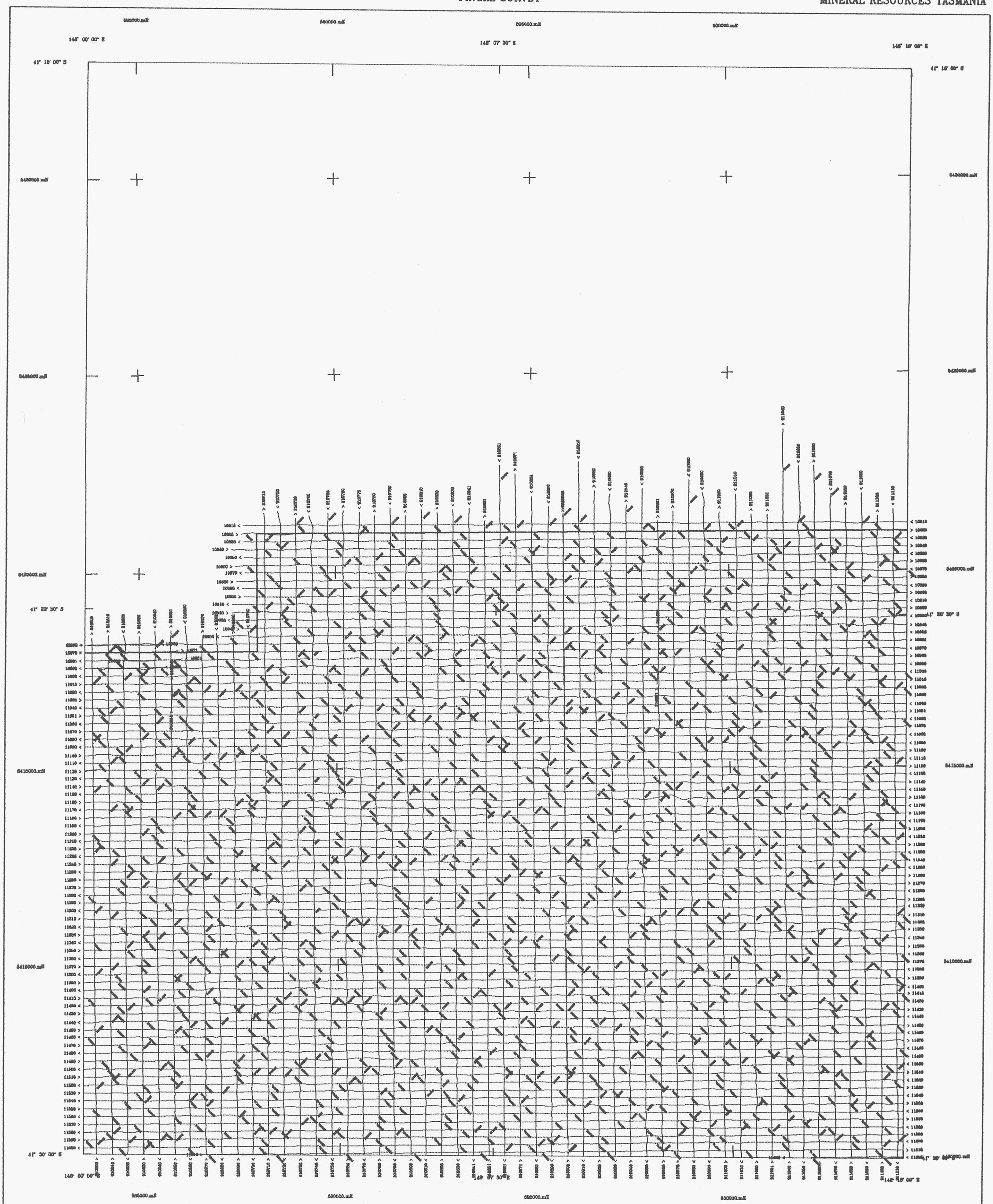



8415-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FHH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 8000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 31' 59.943" E 148 11" 41.432"

Every 500 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Fingal Aeromagnetic Survey

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October – November 1993

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Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
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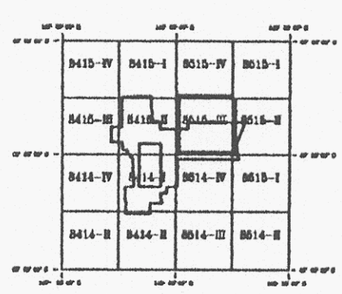
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

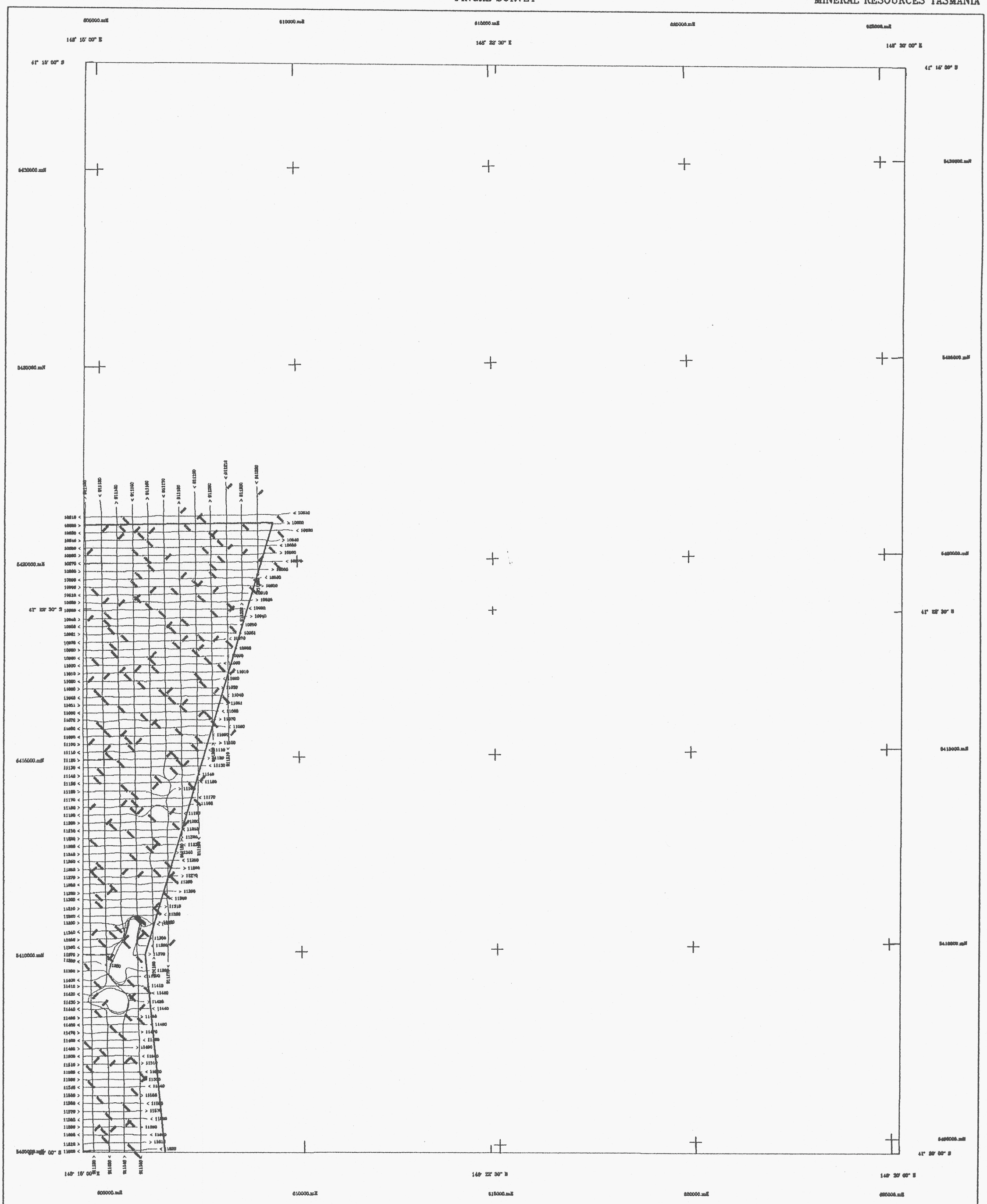



8515-III

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 005 - 185 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 31' 50.242" E 146 11" 41.432"

Every 500 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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October — November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
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Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

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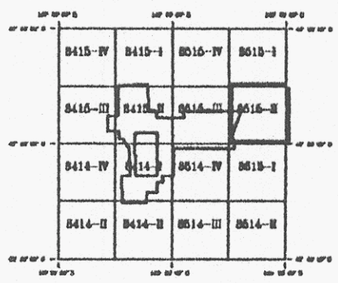
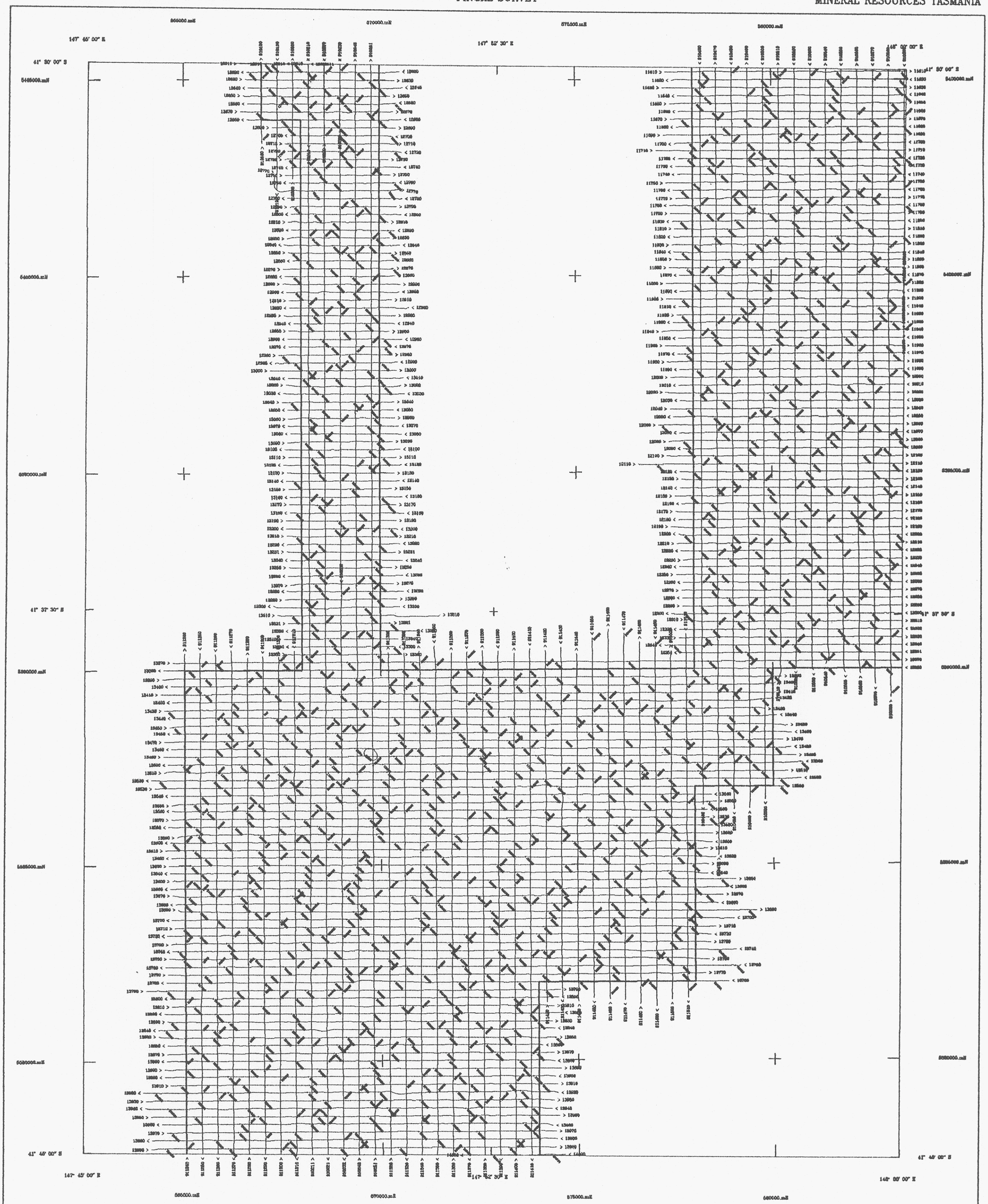


8515-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FEH |
| Magnetometer | Geometrics G853 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8R downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
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| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
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FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 31' 50.243" E 148 11" 41.432"

Every 500 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Fingal Aeromagnetic Survey

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Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

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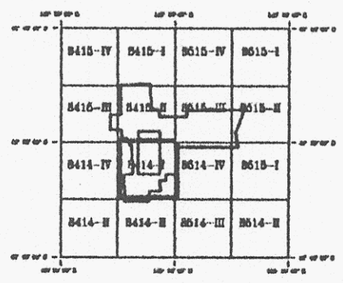
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

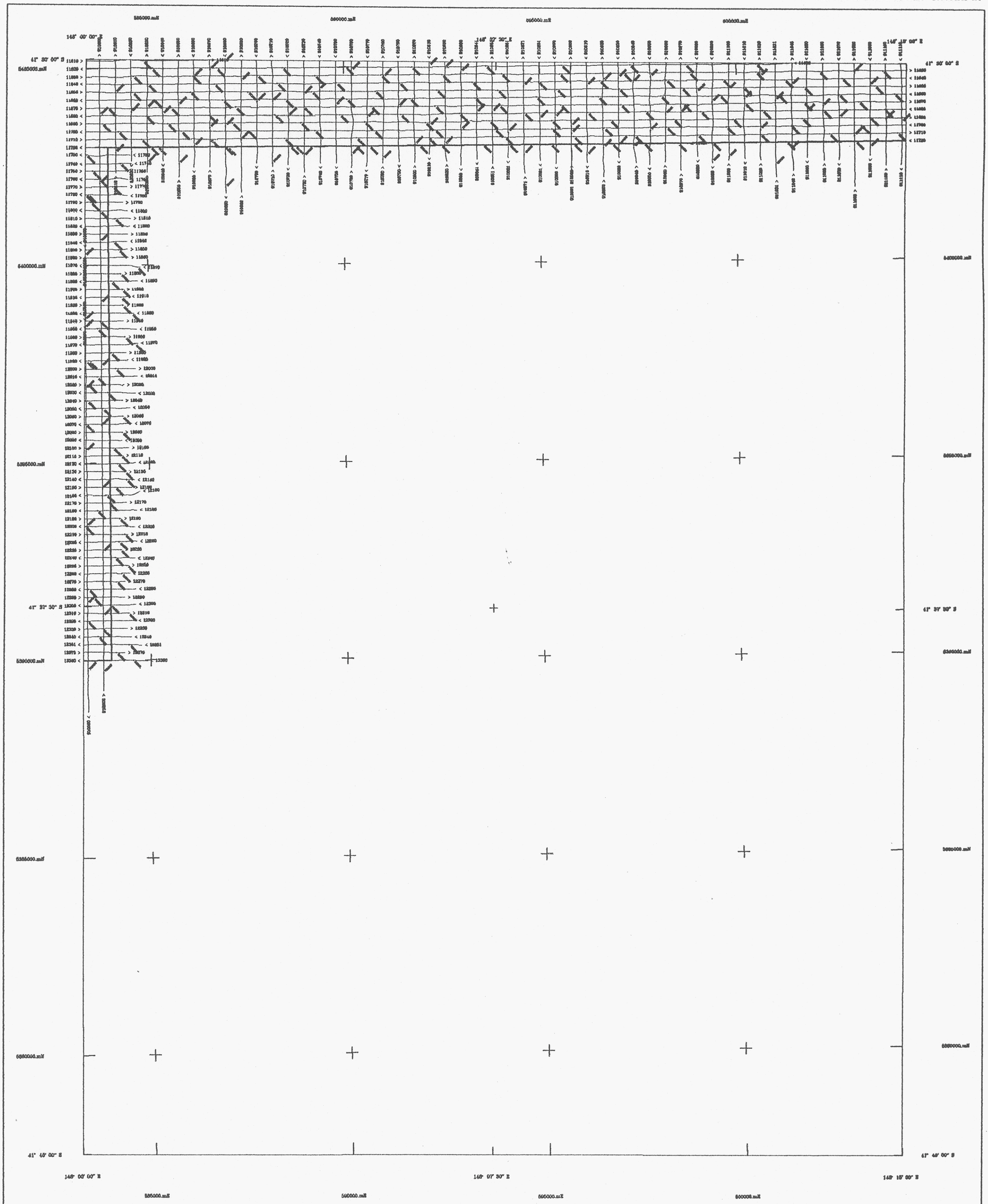



8414-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 30 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 006 - 186 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 31' 59.243" E 146 11" 41.422"

Every 500 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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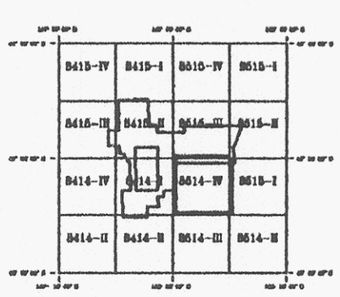
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

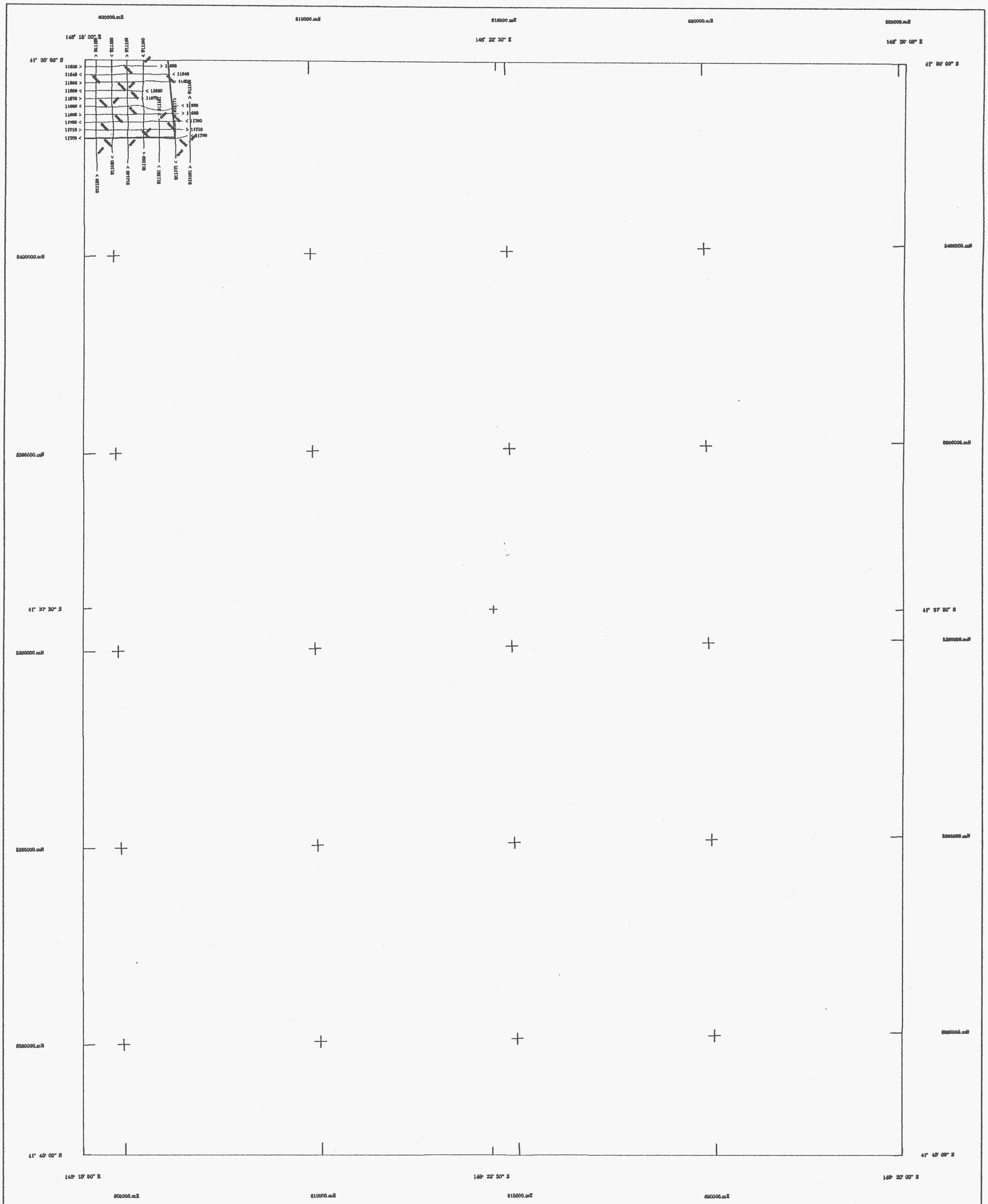



8514-IV

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FHH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 20 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 80 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 31' 58.242" E 146 11" 41.432"

Every 500 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Fingal Aeromagnetic Survey

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Minerals Resources Tasmania
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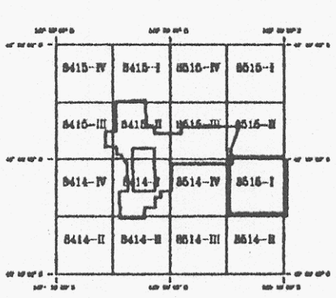
October — November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

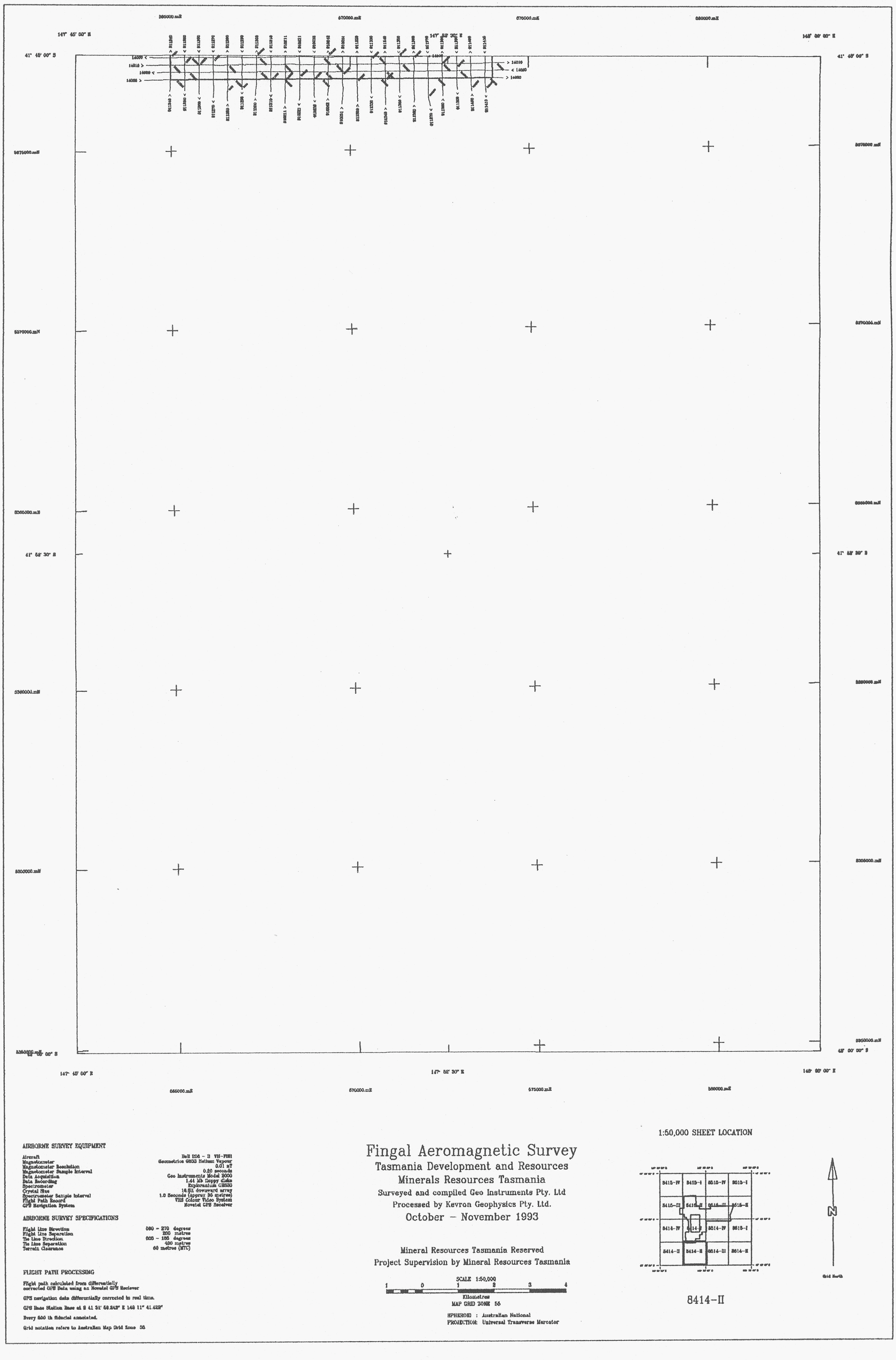



8515-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (Apprux 34 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 51' 56.843" E 148 11" 41.422"

Every 500 th fidacial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October — November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

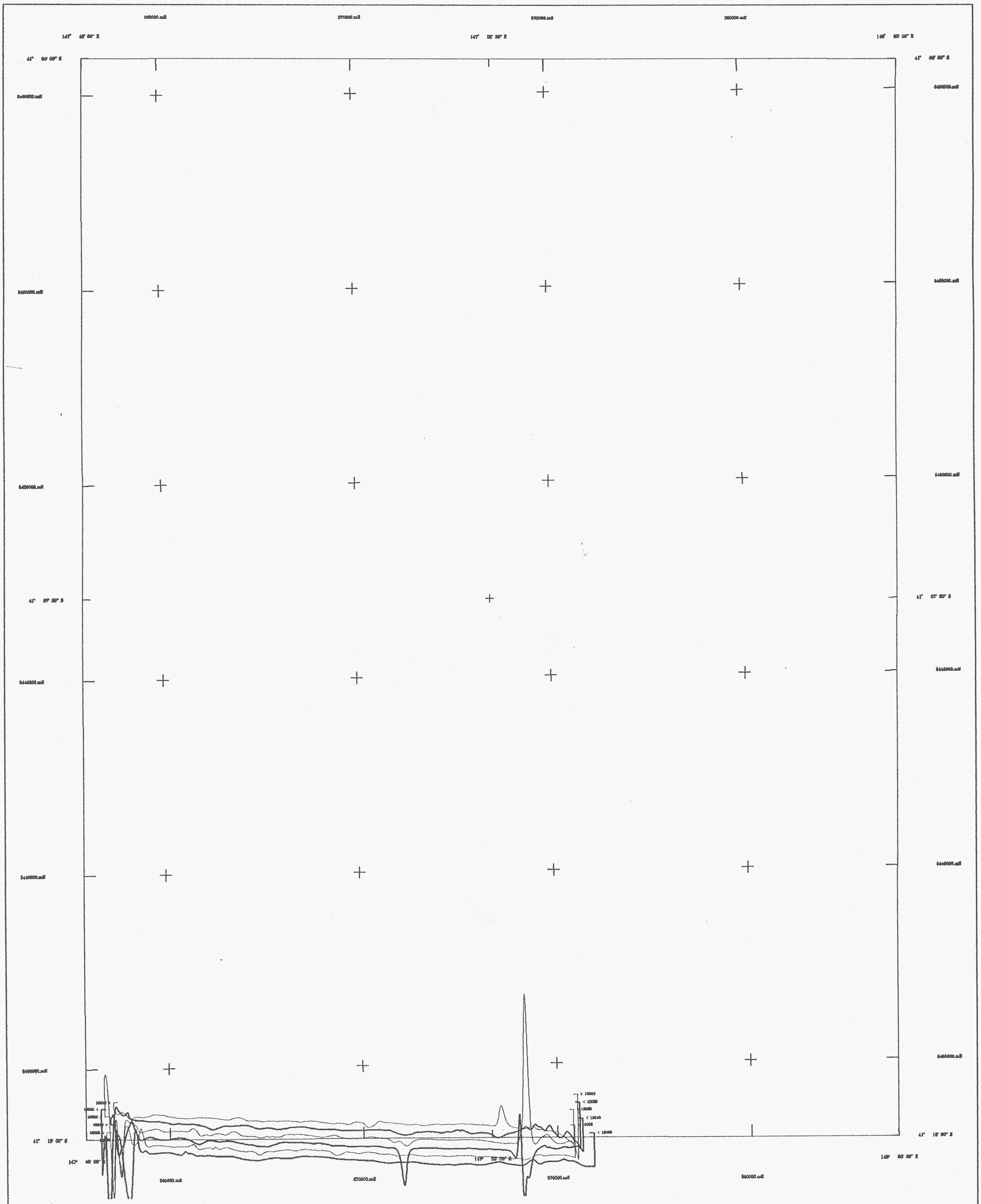



8414-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 – 3 VH-FSH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 5033 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 25 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 – 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 – 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 6000 nT
Vertical Scale 40 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
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October – November 1993

Mineral Resources Tasmania Reserved

Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000

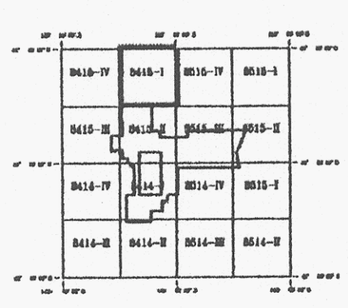
1 0 1 2 3 4

Kilometres

MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

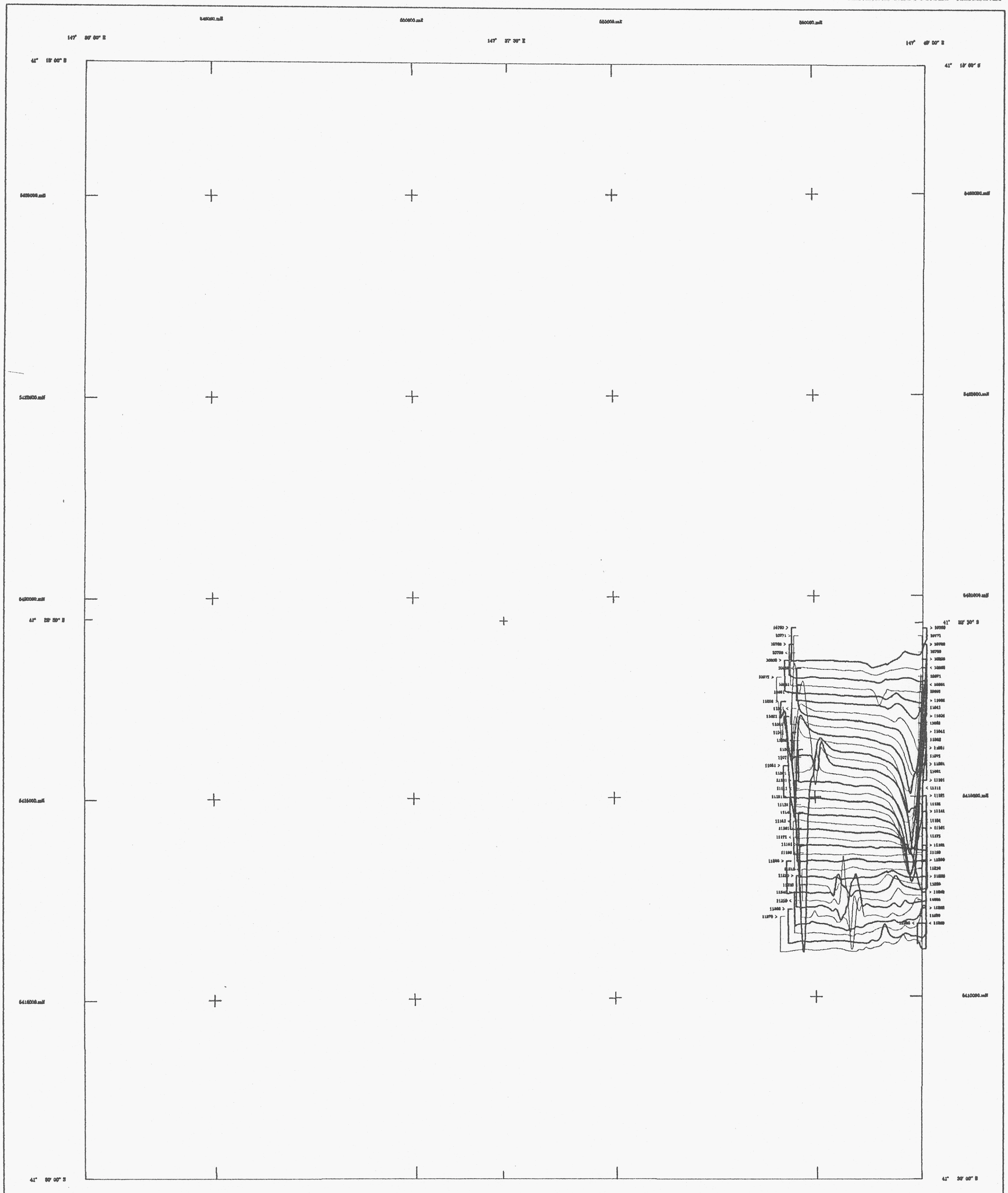



8415-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




### AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FXH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 25 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Trimble GPS Receiver |

### AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

### TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 58000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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October – November 1993

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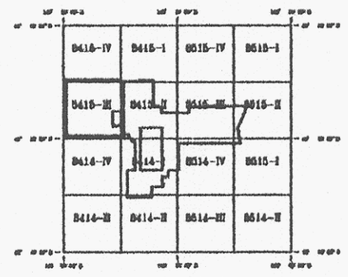
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

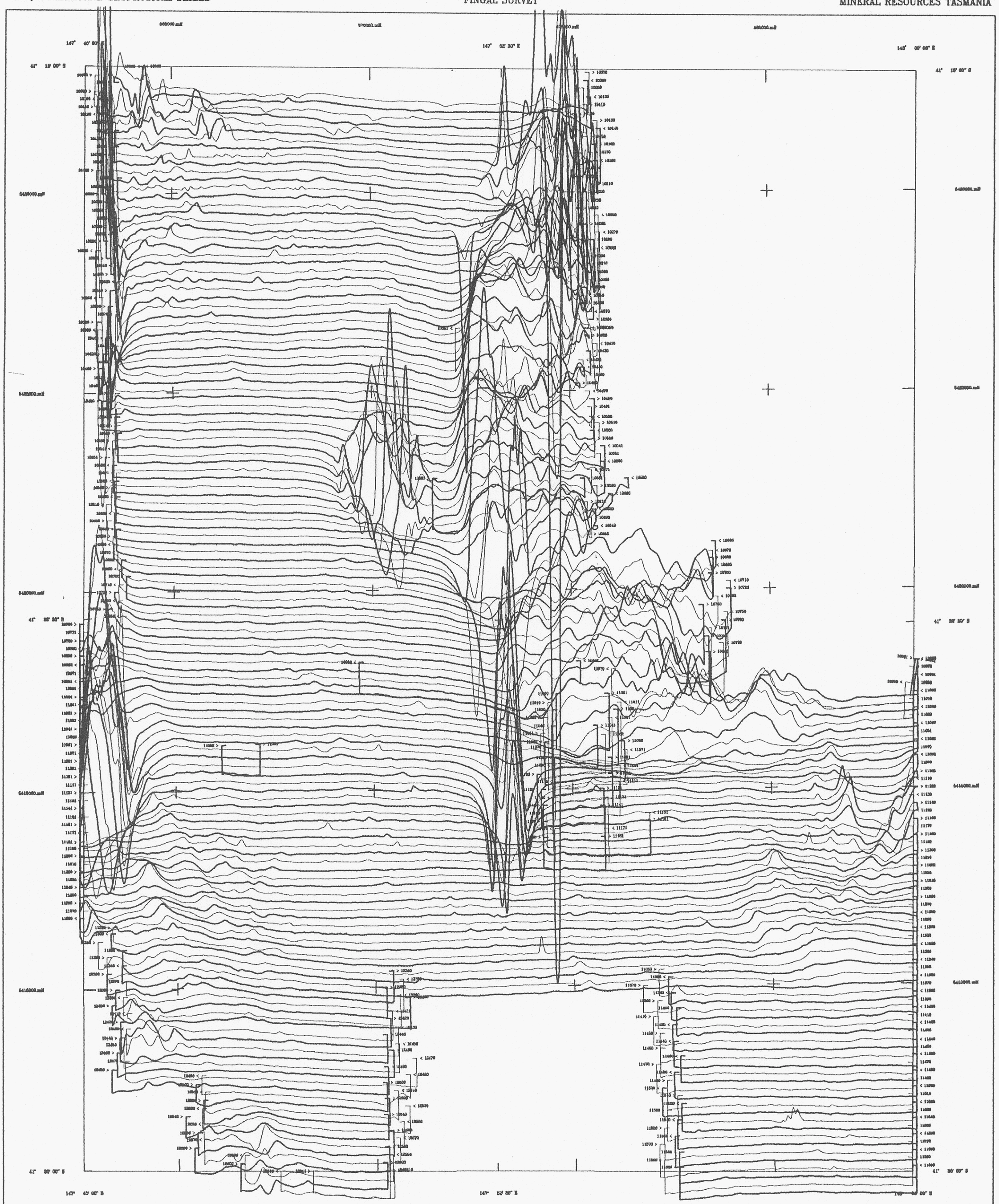



8415-III

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FEH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 8000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Nominal GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 5000 nT
Vertical Scale 60 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
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October – November 1993

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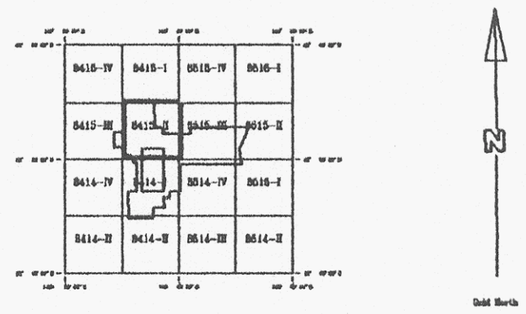
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

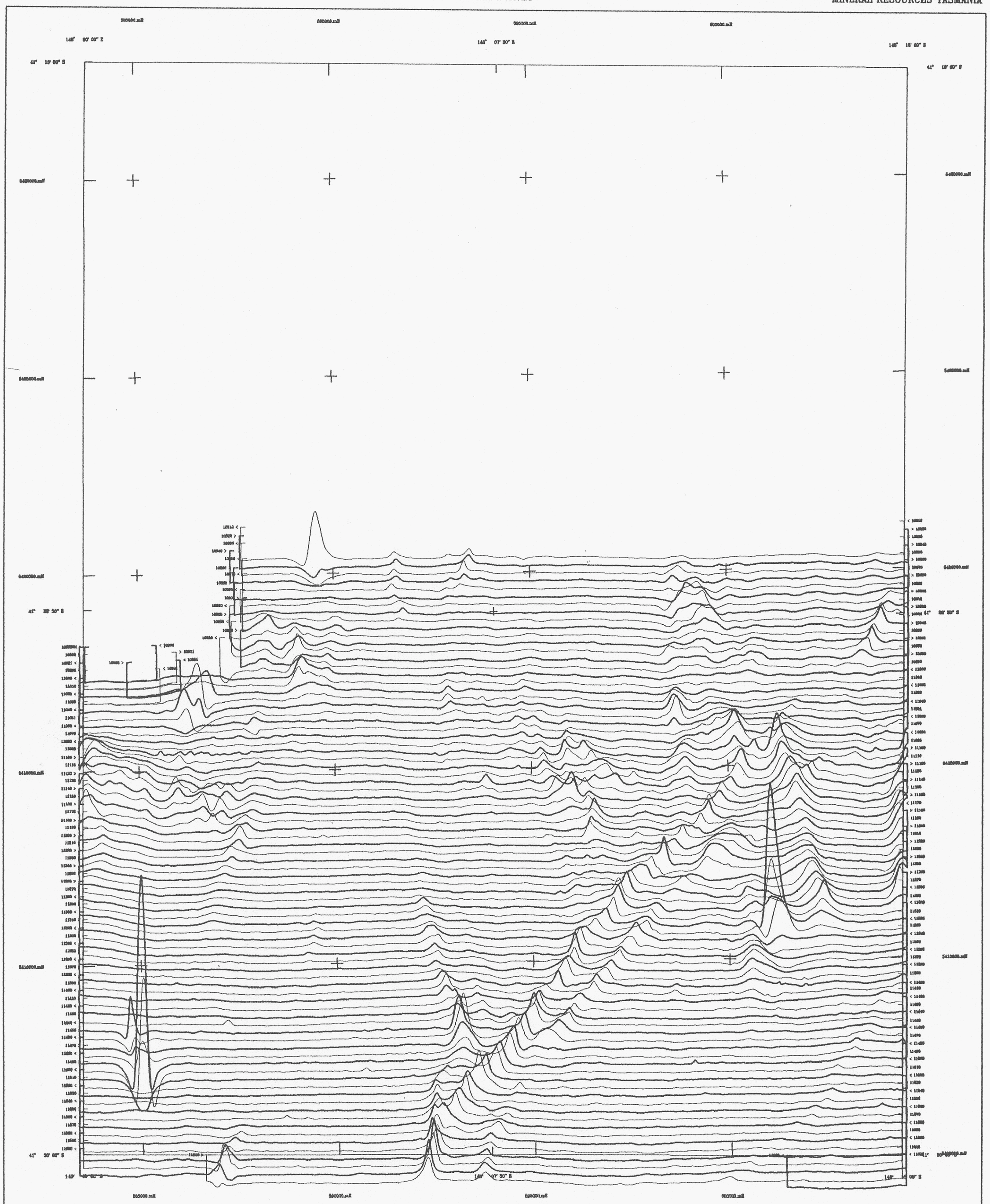



8415-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FEH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb Floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Wanstal GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 58000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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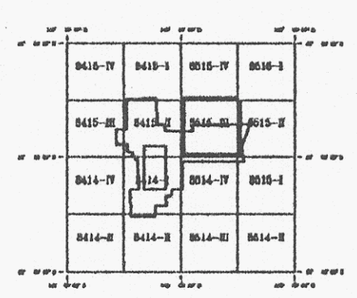
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

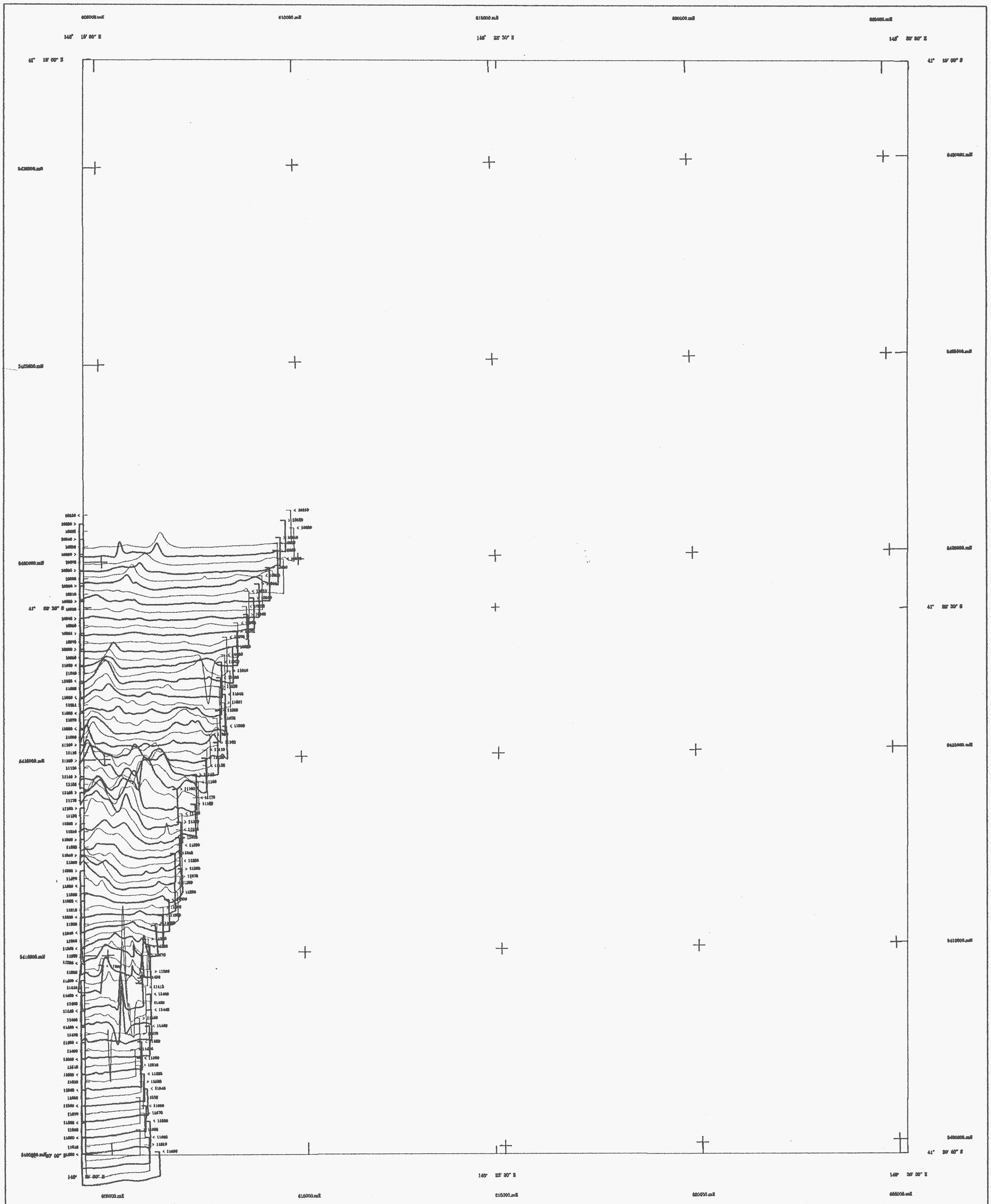



8515-III

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 – 3 VH-FXH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 25 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Trimble GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 – 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 – 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 5000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
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Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000

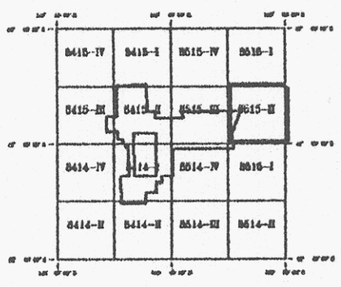
1 0 1 2 3 4

Kilometres

MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

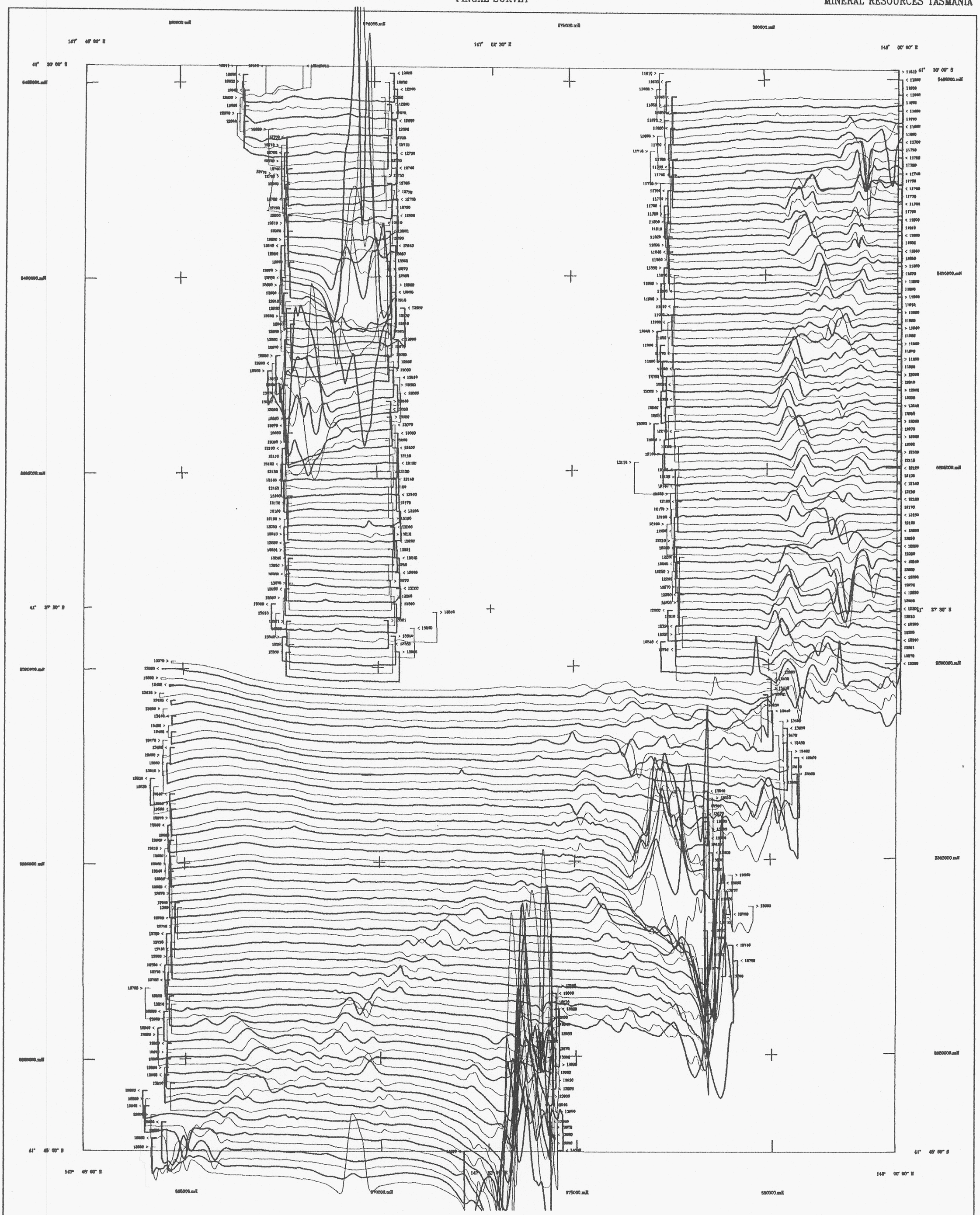


8515-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FSH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degree |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degree |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (NTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.9 removed
Average survey base station value added to datum

Datum Base Value 58000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

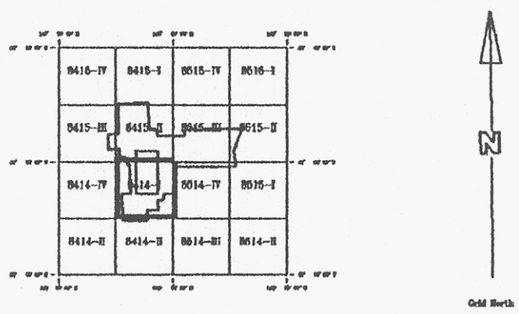
Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 56

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

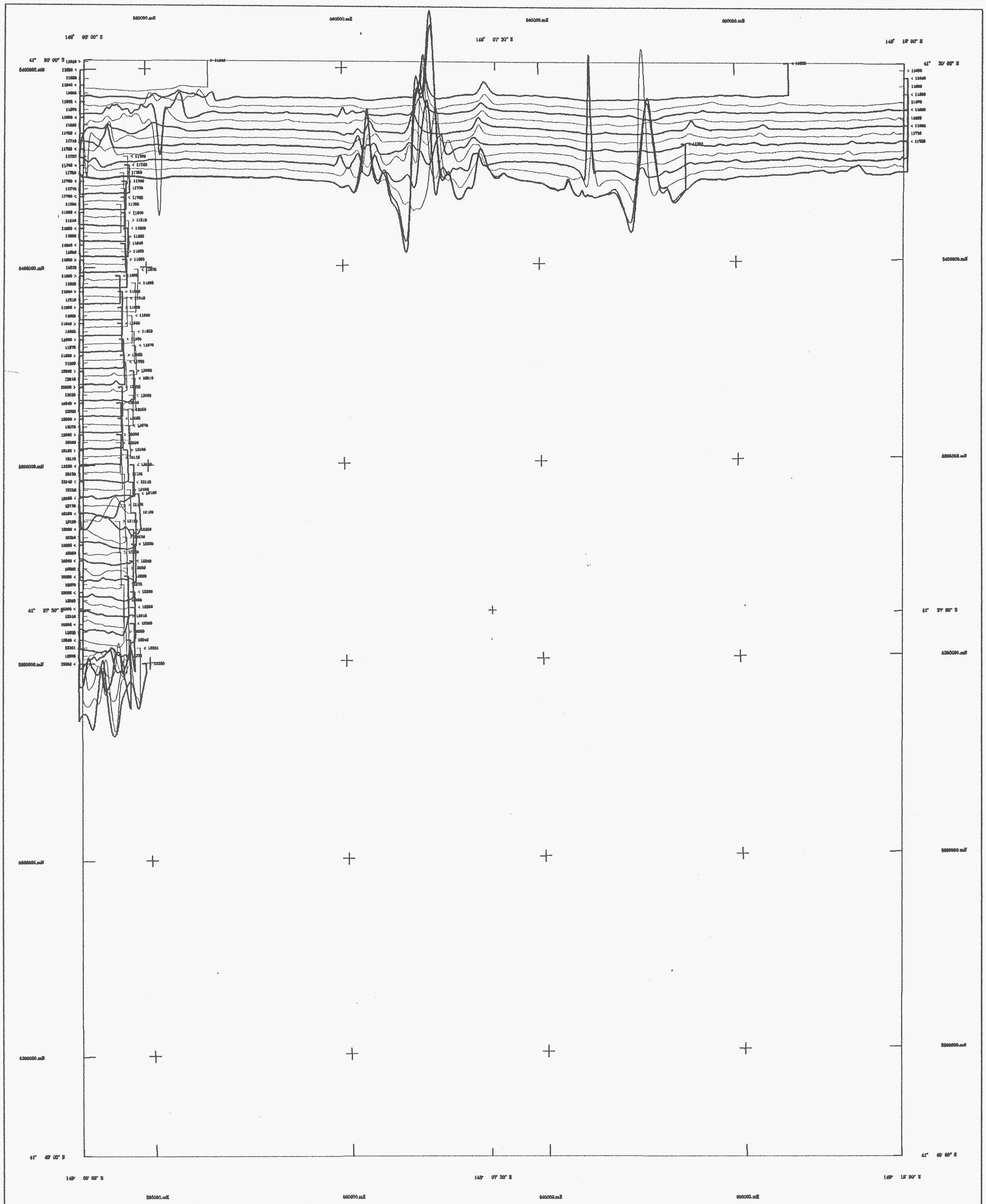



8414-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-PSH |
| Magnetometer | Geometrics G822A Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.2s seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 58 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Mounted GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 58000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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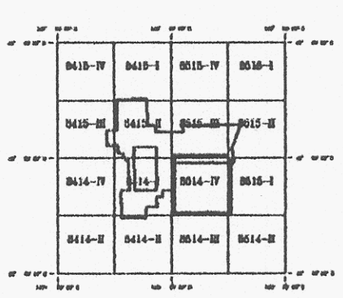
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

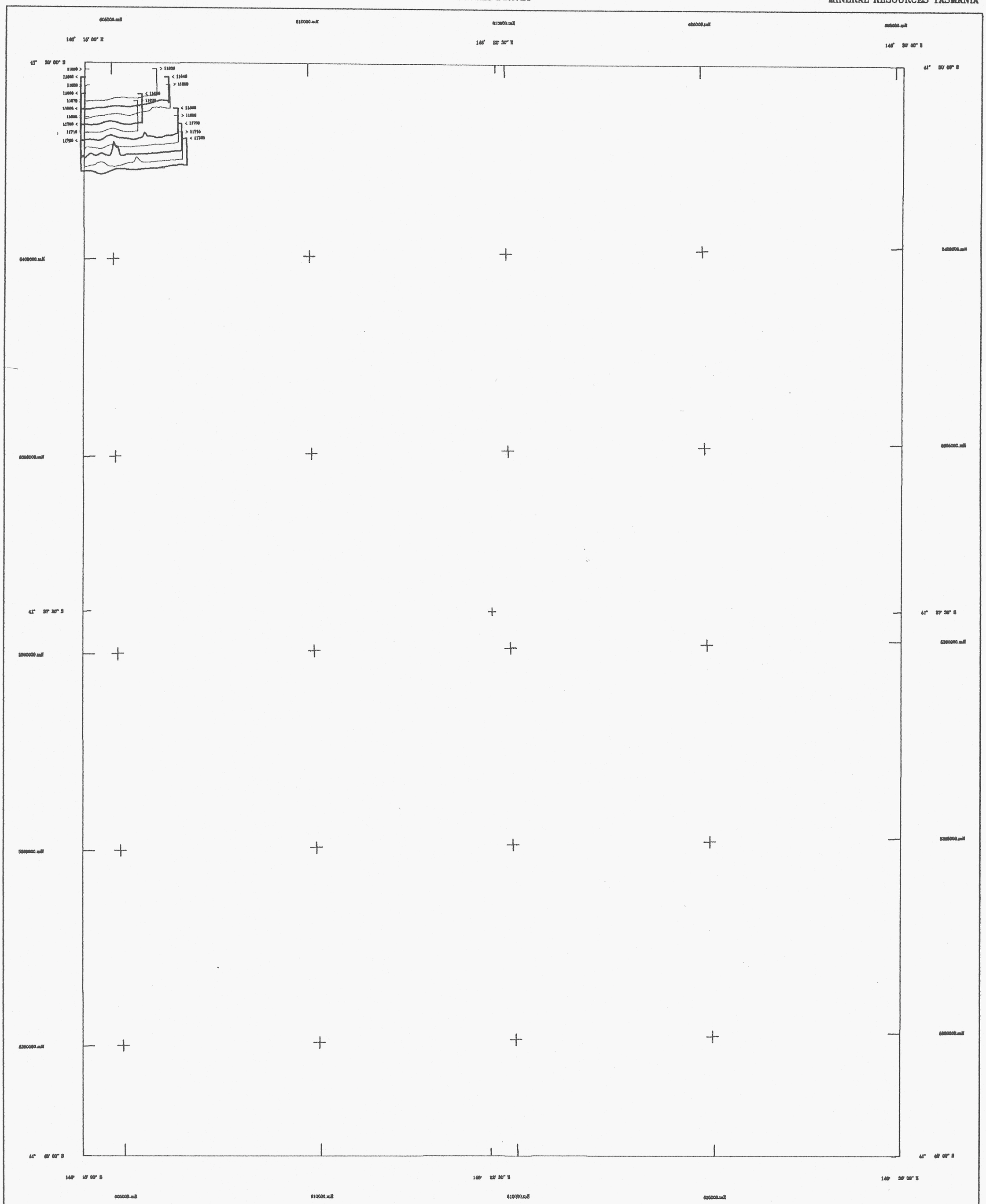


8514-IV

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FSH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 55 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Trimble GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 58000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

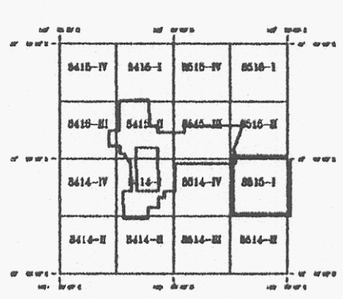
Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

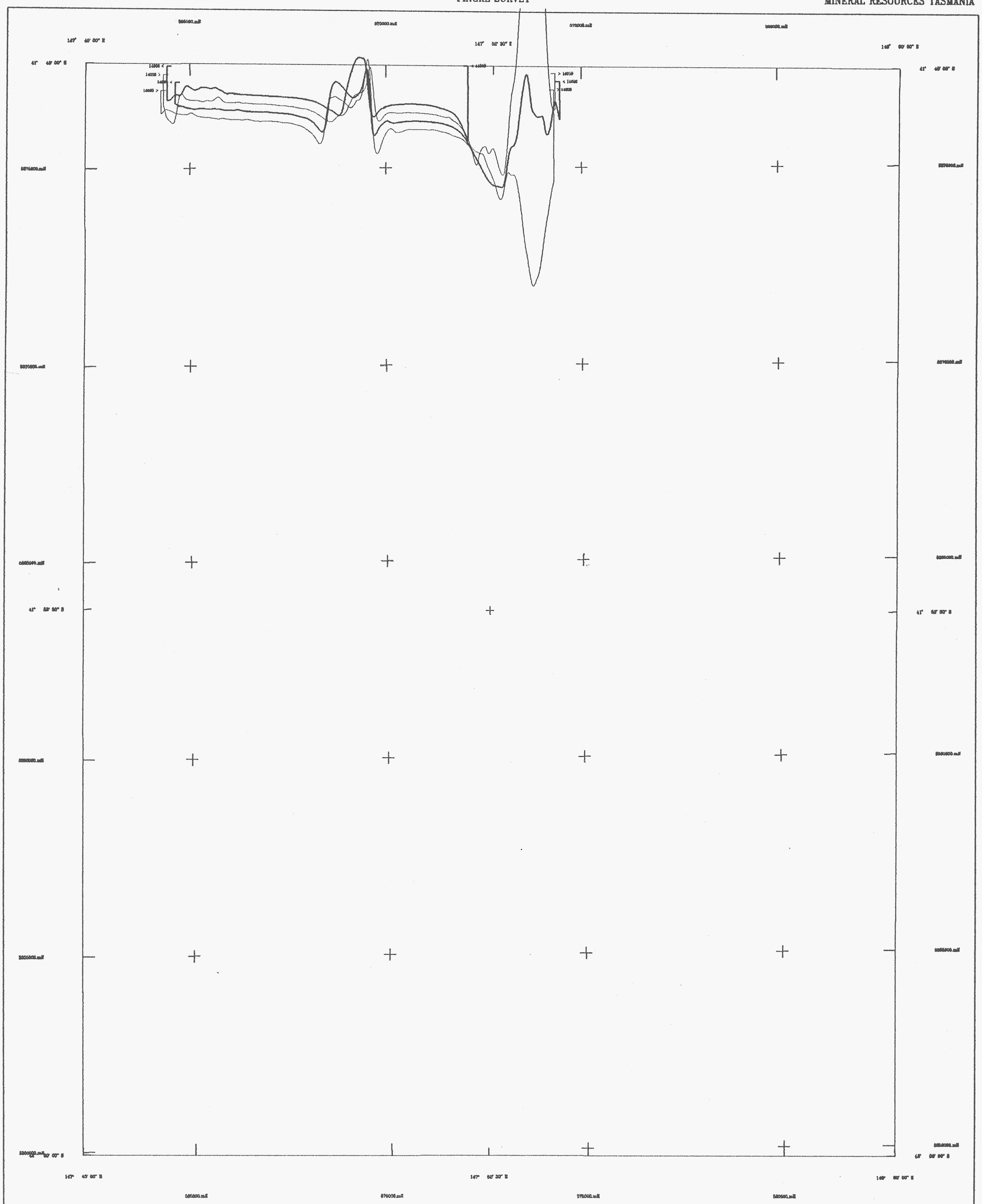



8515-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FSH |
| Magnetometer | Geometrics G833 Caesium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.22 seconds |
| Data Acquisition | Geo Instruments Model 8203 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Trimetrol GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 089 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 5800 nT
Vertical Scale 20 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
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October - November 1993

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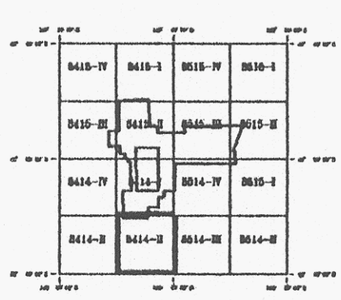
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

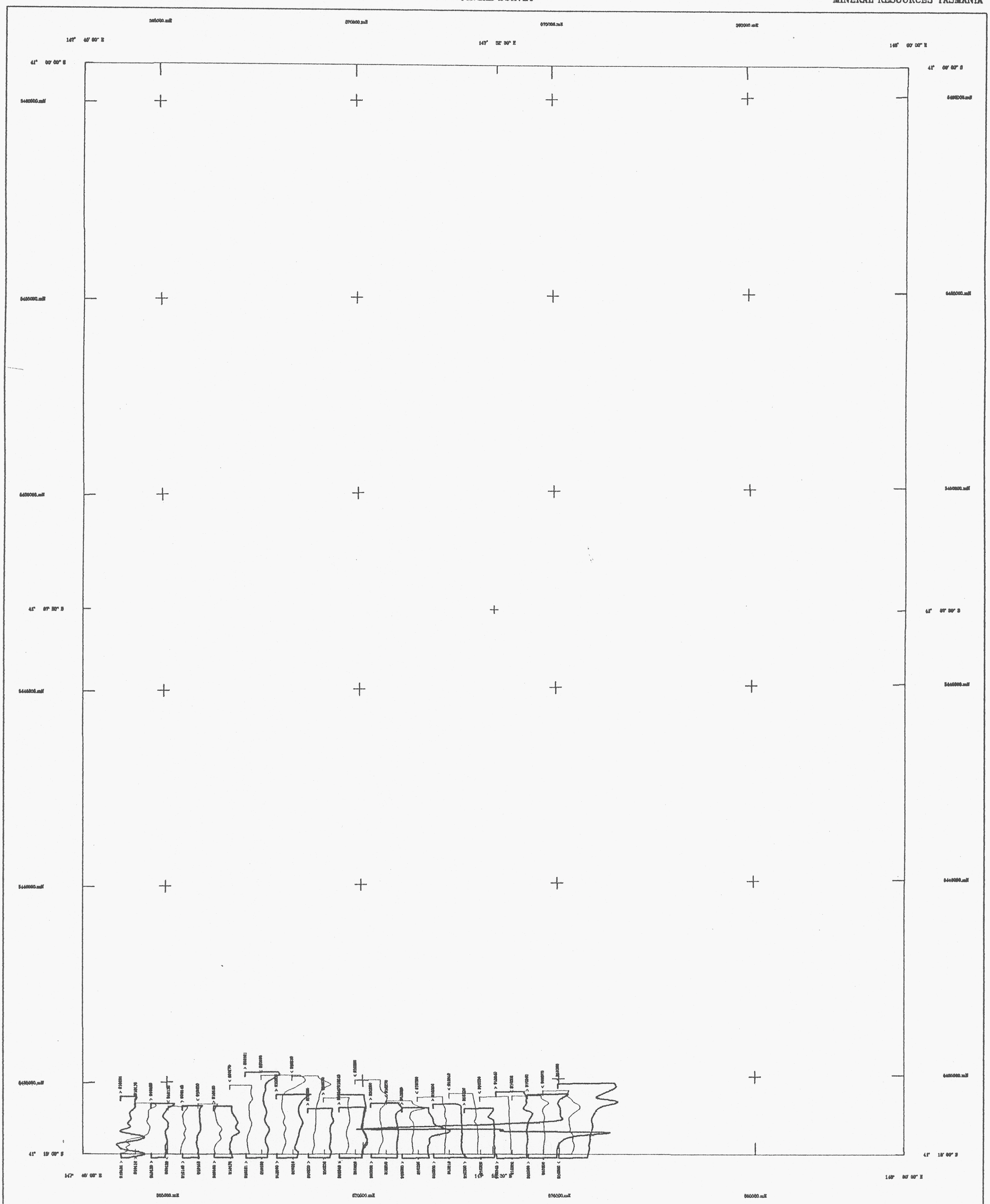



8414-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 – 3 VH-FEH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2006 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR530 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 55 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Trimble GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 – 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 – 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 58000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

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Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
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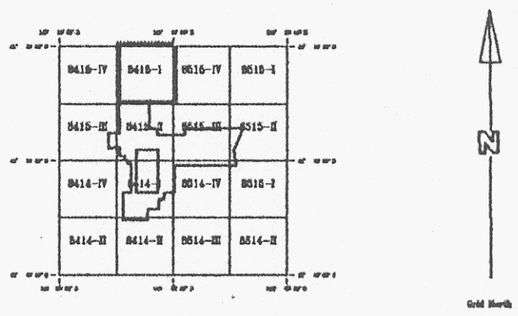
October – November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

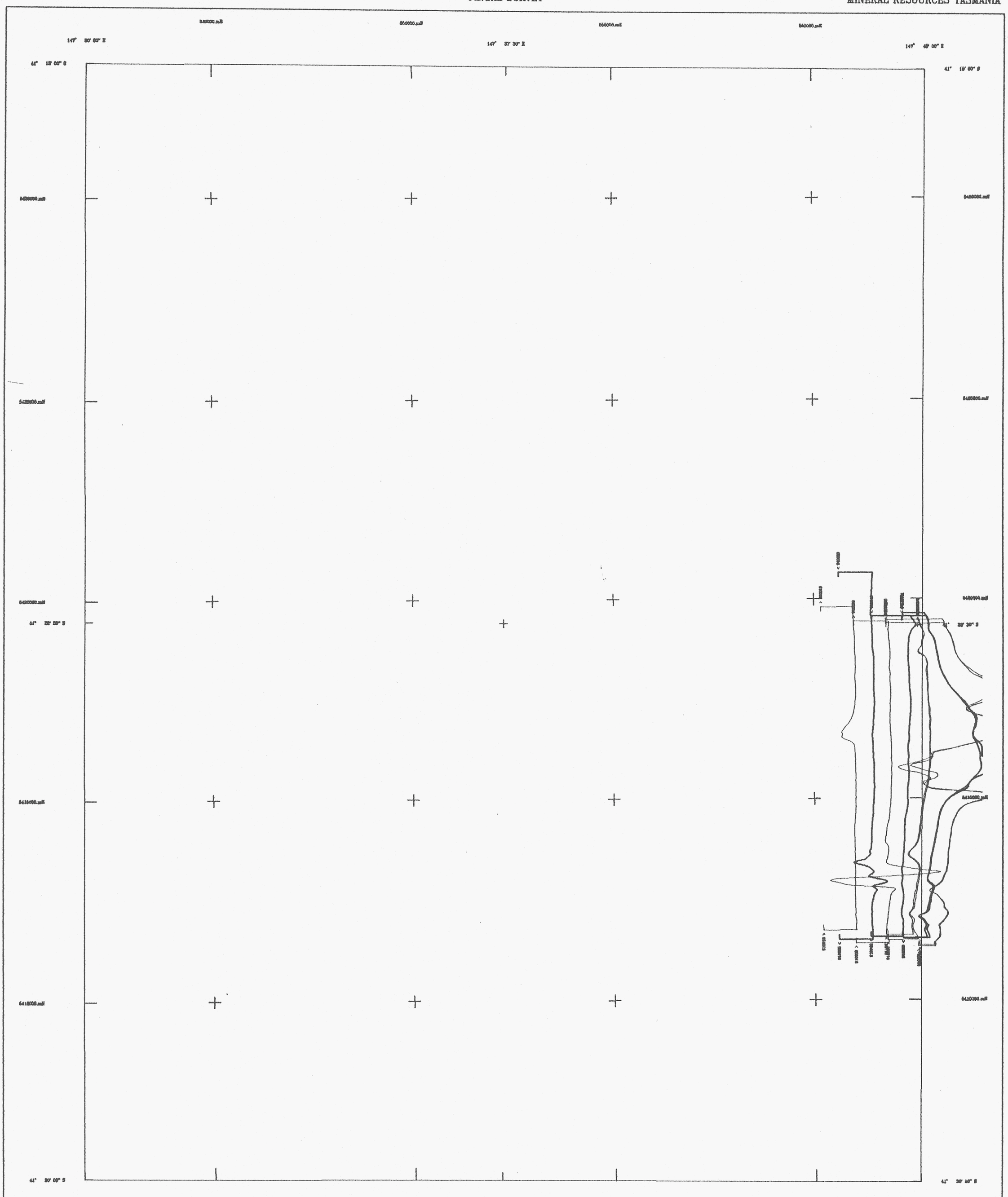



8415-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 – 3 VH-FSH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 8004 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 30 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Rosstel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 – 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 – 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (±5%) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added in datum

Datum Base Value 58000 nT
Vertical Scale 64 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October – November 1993

Mineral Resources Tasmania Reserved

Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000

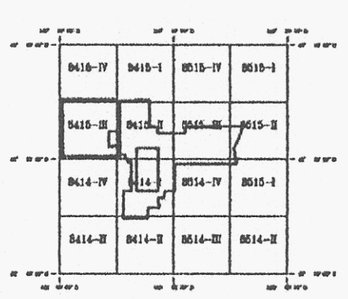
1 0 1 2 3 4

Kilometres

MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

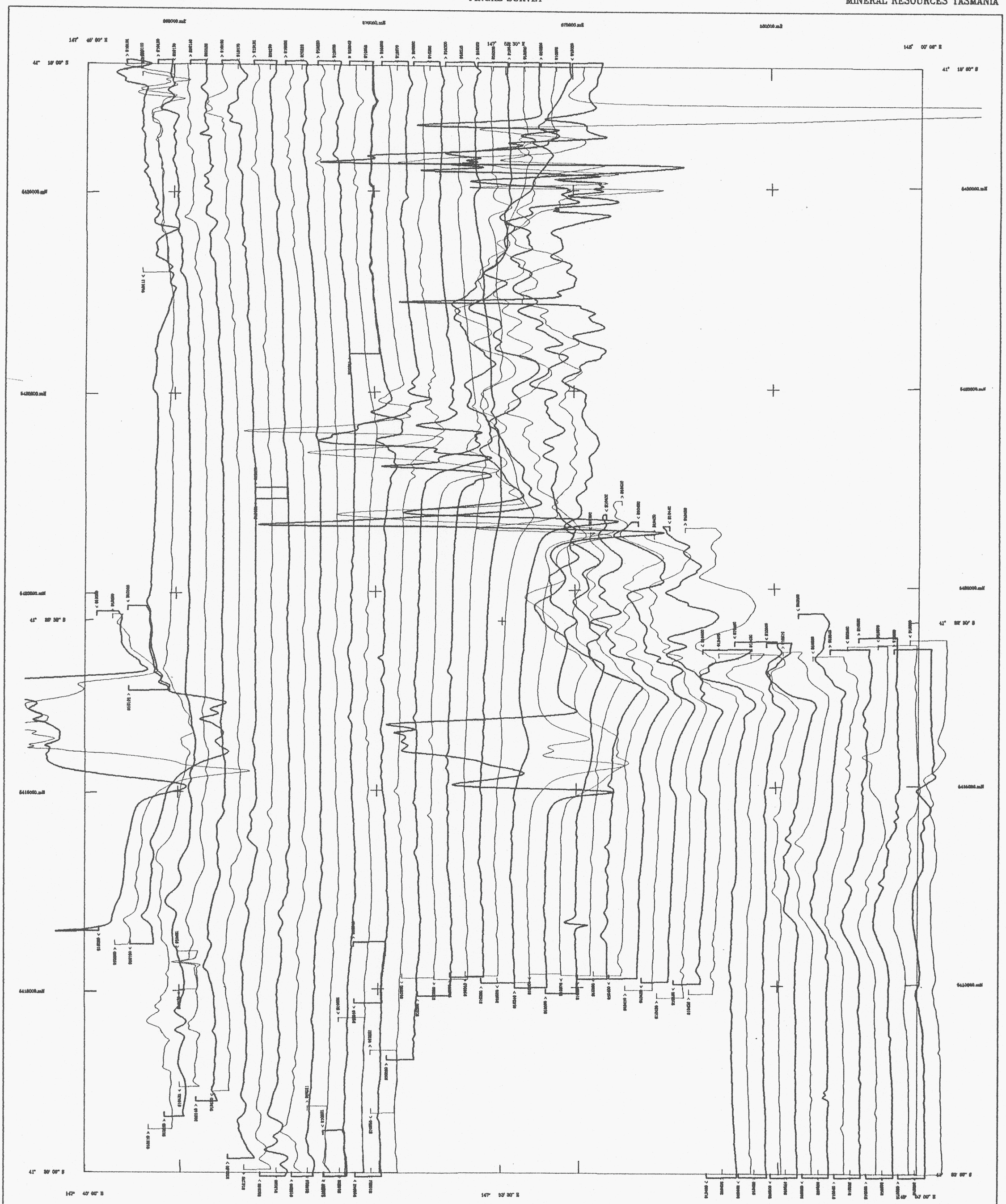



8415–III

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FIH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.22 seconds |
| Data Acquisition | Geo Instruments Model 2006 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Mounted GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 088 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Seperation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 5000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

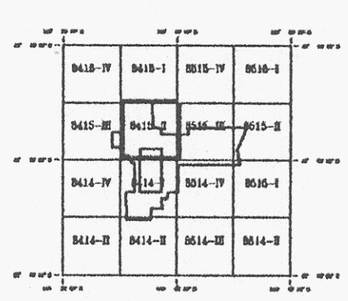
Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

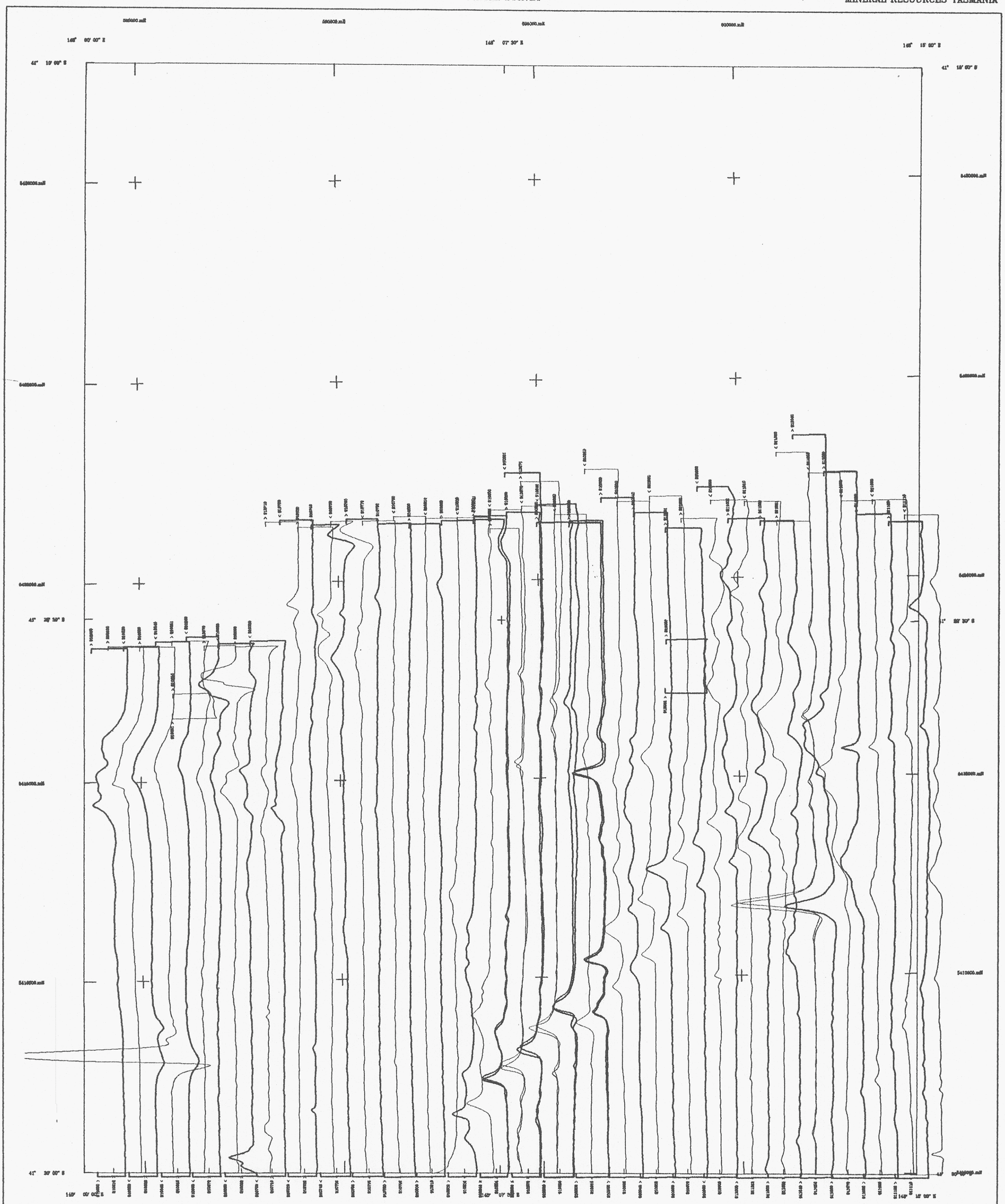



8415-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 – B VH-FBH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Mounted GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 – 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 – 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1990.5 removed
Average survey base station value added to datum

Datum Base Value 58000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October – November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
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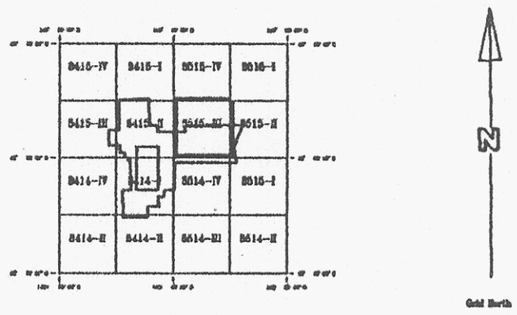
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

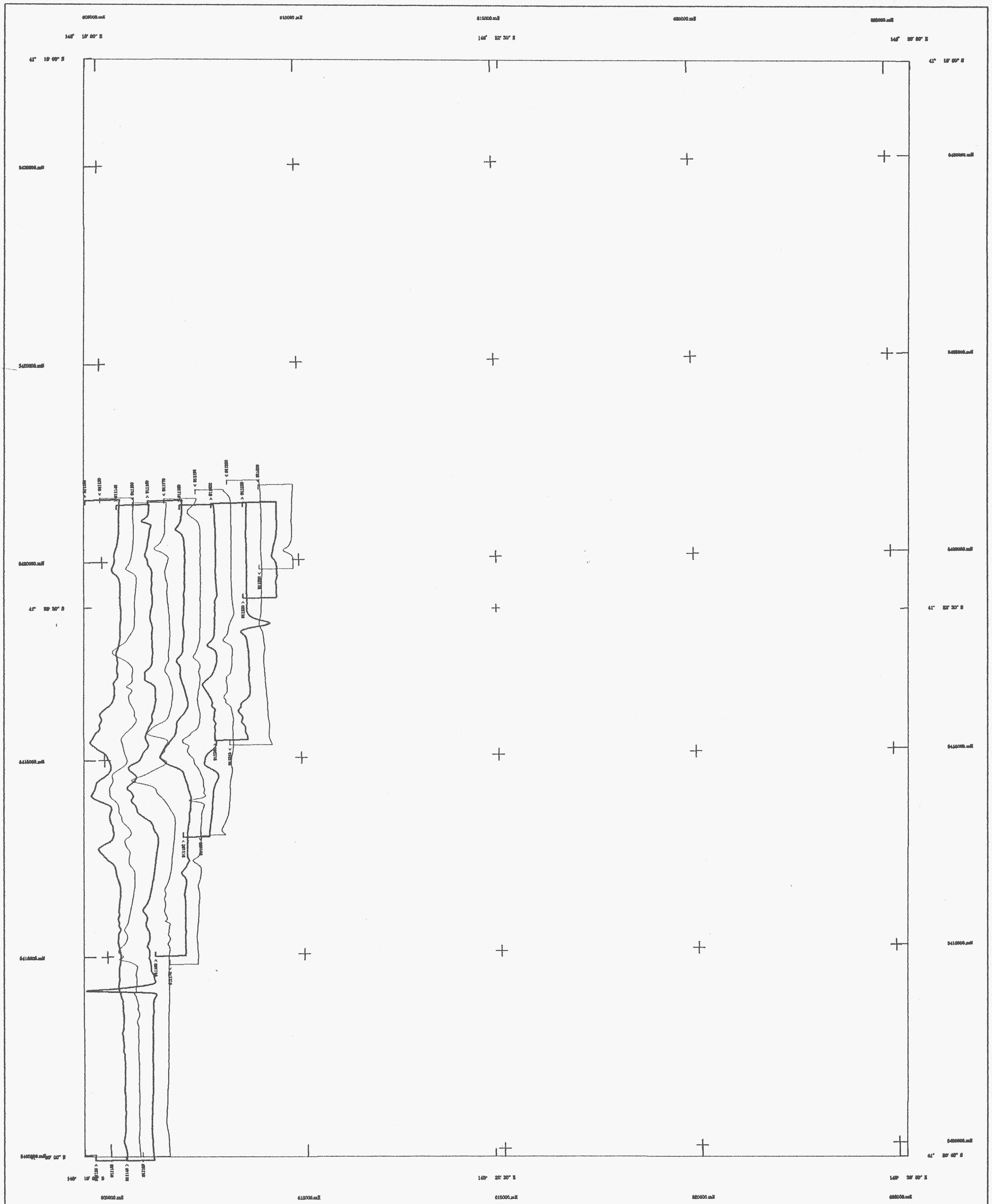



8515-III

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FSH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 5000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Mounted GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

| | |
|---|---|
| Datum Base Value | 5000 nT |
| Vertical Scale | 50 nT / cm |

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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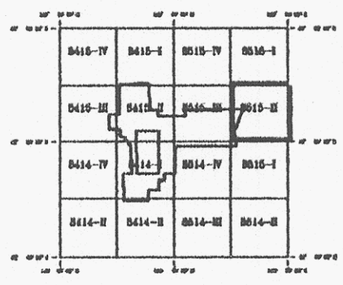
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

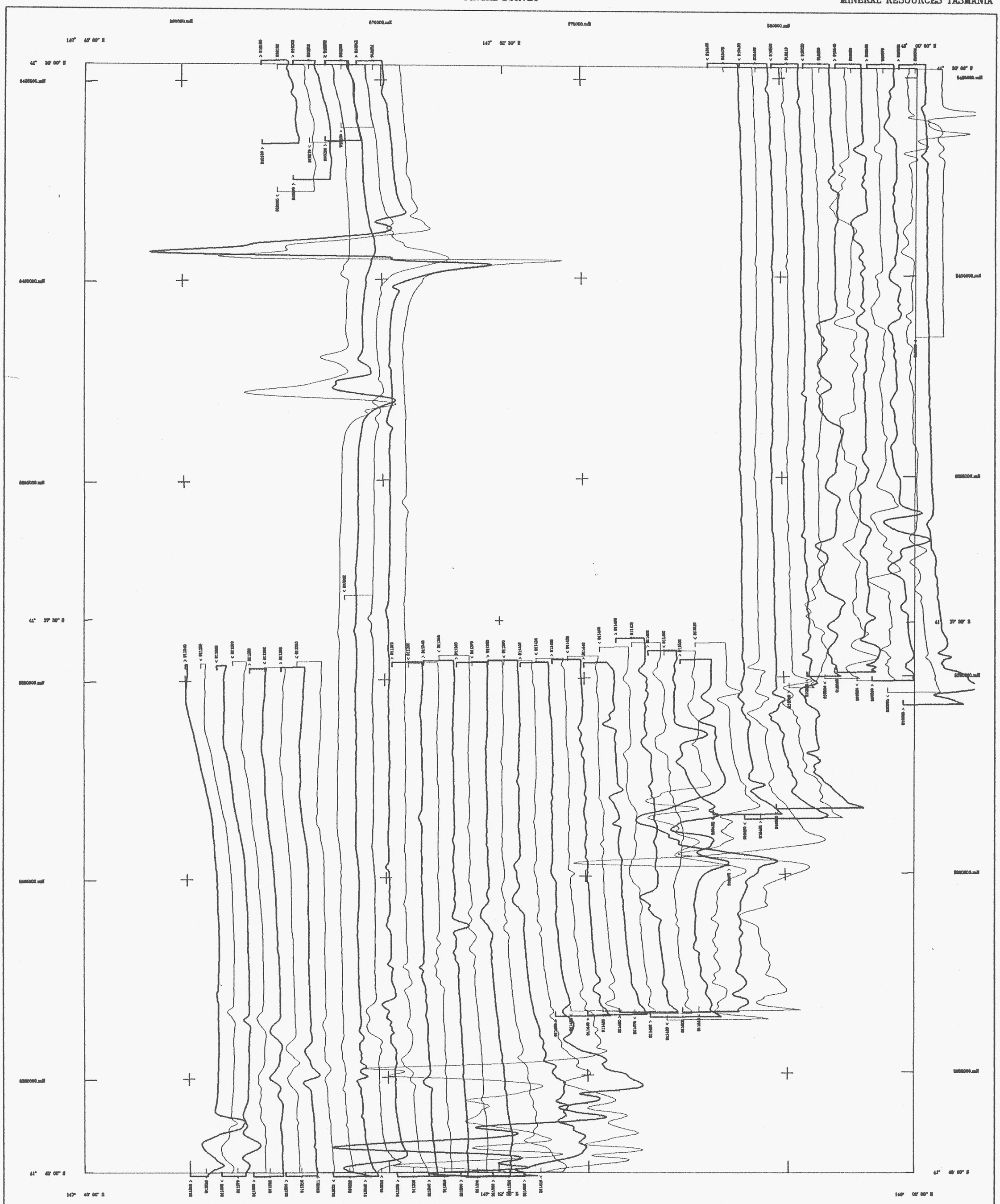


8515-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FSH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2024 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Mounted GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 80 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
drawage survey base station value added to datum

Datum Base Value 5800 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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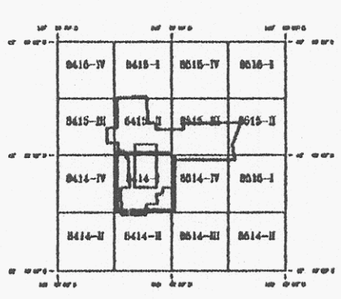
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

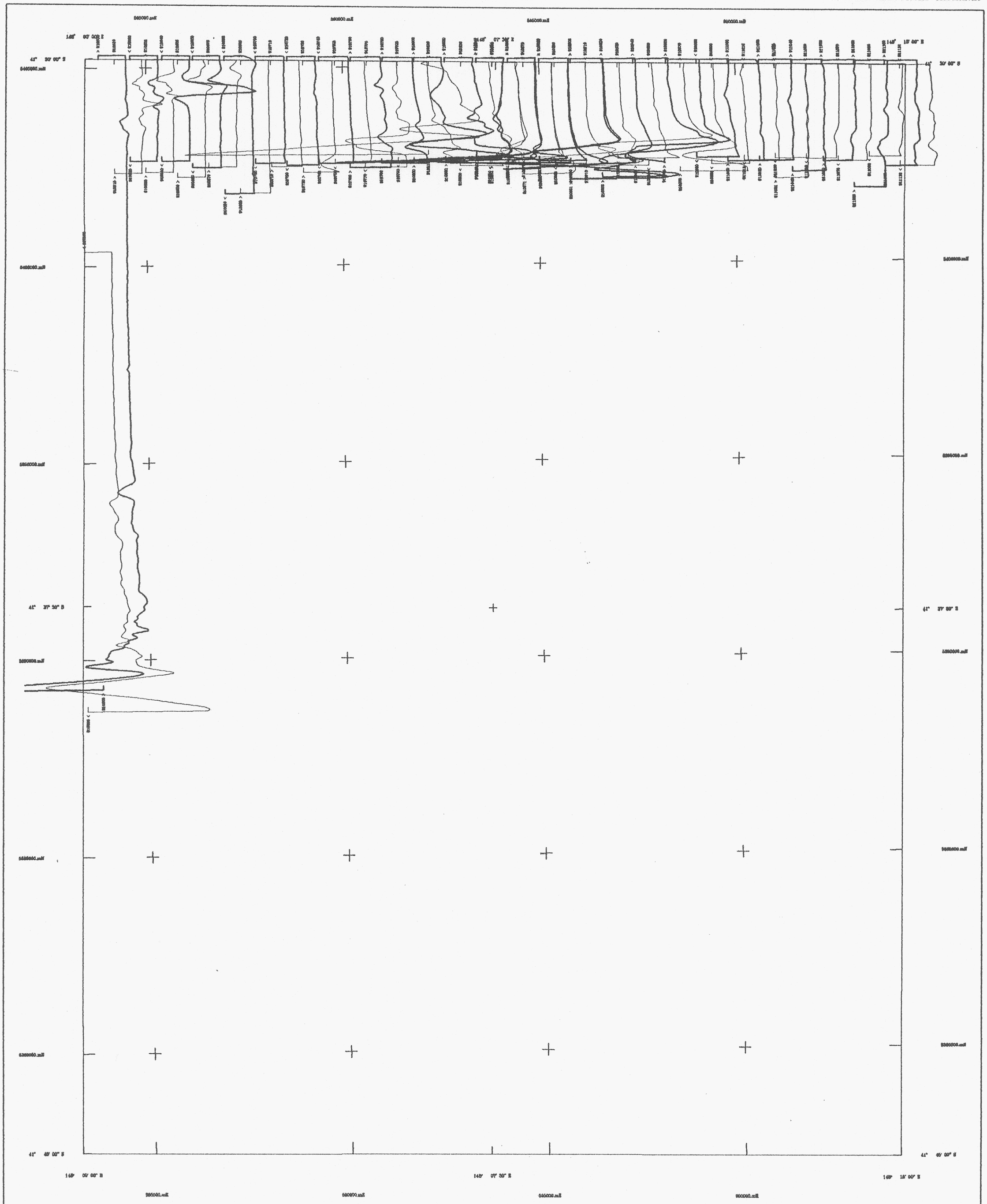



8414-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA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41° 37' 30" S
41° 45' 00" S
41° 52' 30" S
5400000.mN
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5372000.mN
5365000.mN
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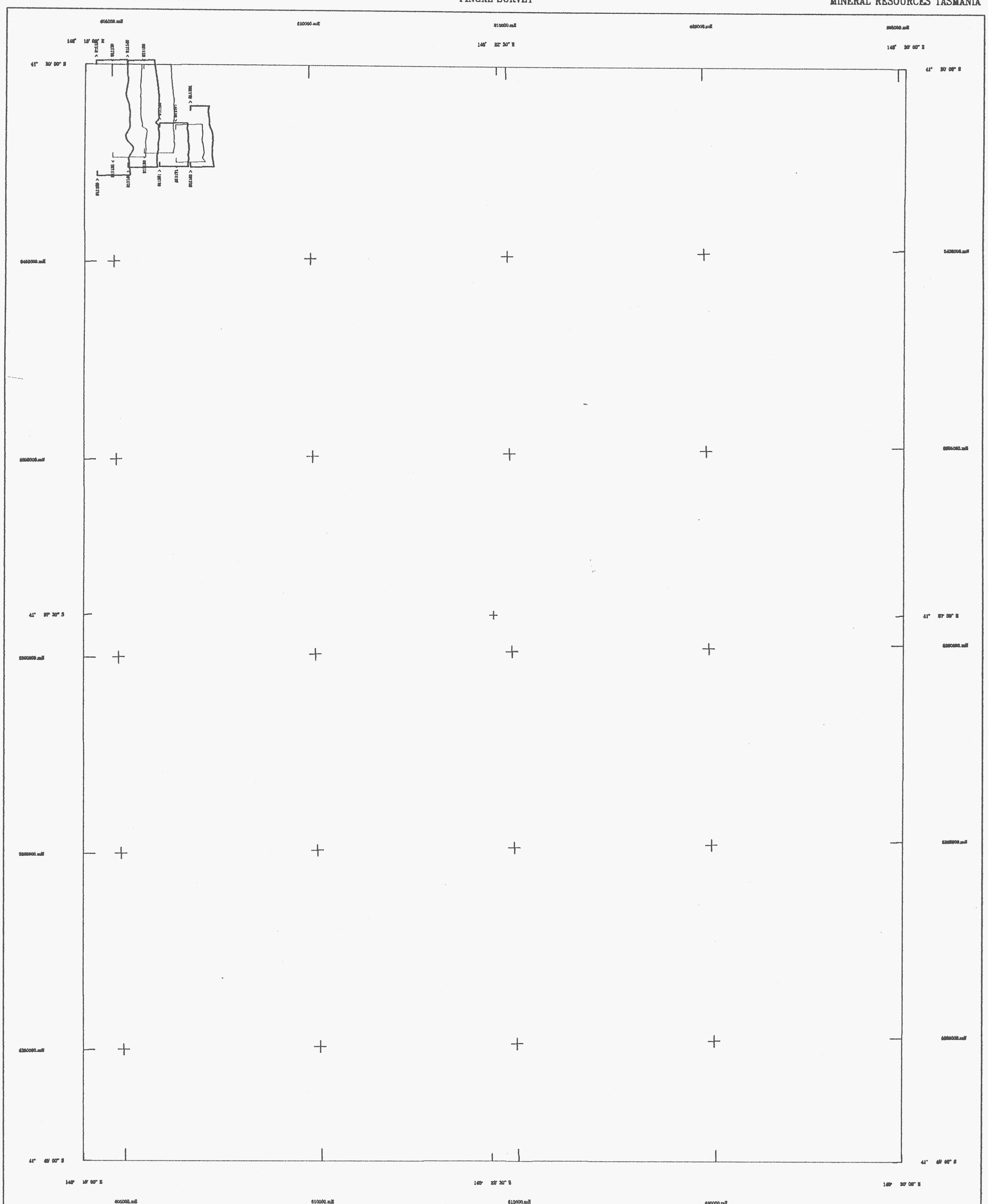
1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - S VH-FSH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 5044 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 36 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 80 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.8 removed
drawage survey base station value added to datum

Datum Base Value 58000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

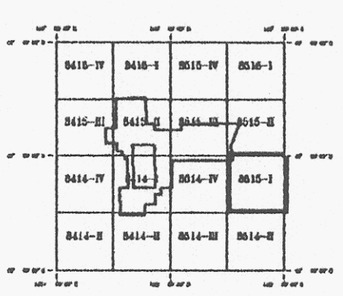
Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

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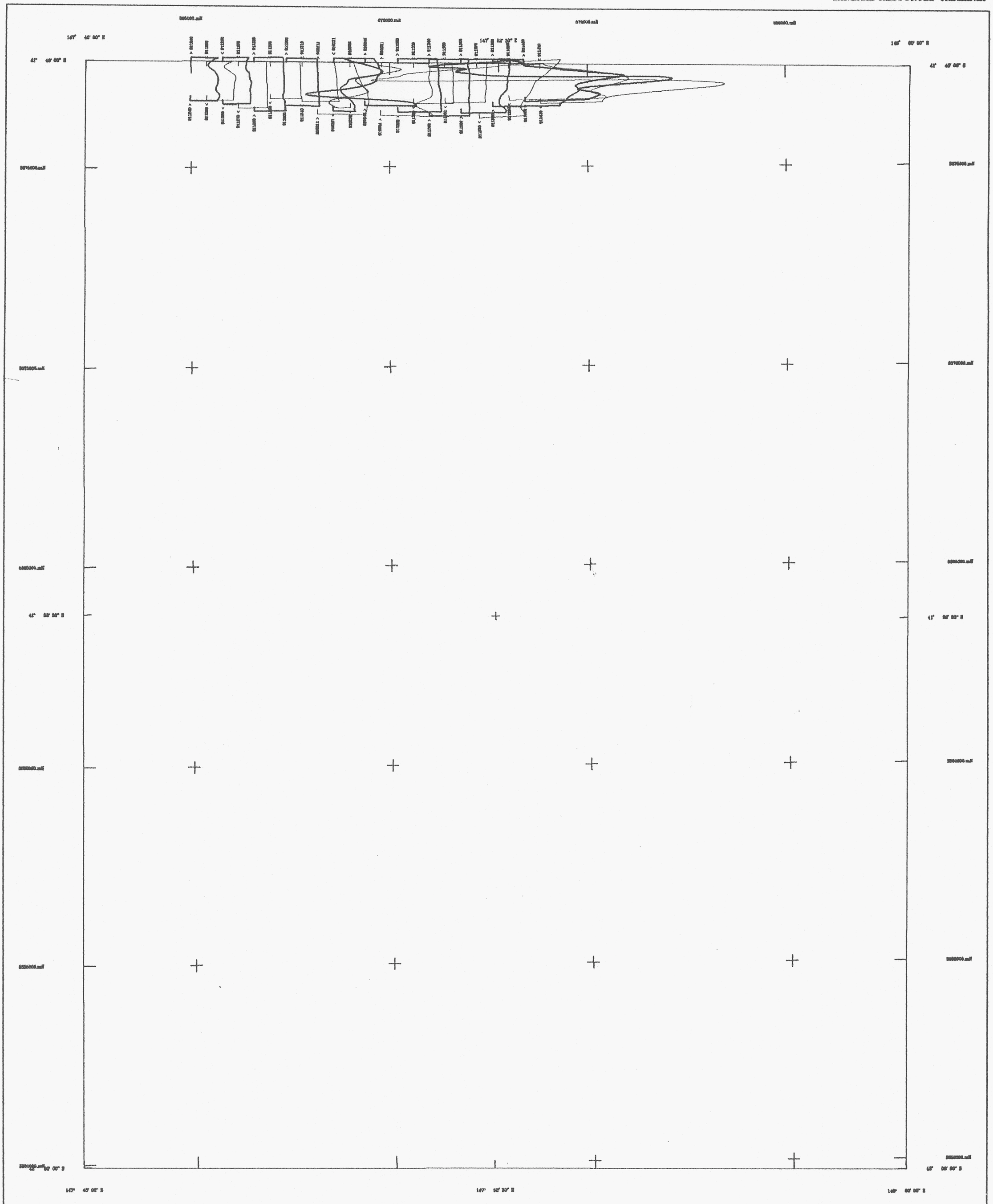
1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FSH |
| Magnetometer | Geometrics G886 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 8000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Explorandum (GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 30 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Mosaic GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 58000 nT
Vertical Scale 50 nT / cm

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
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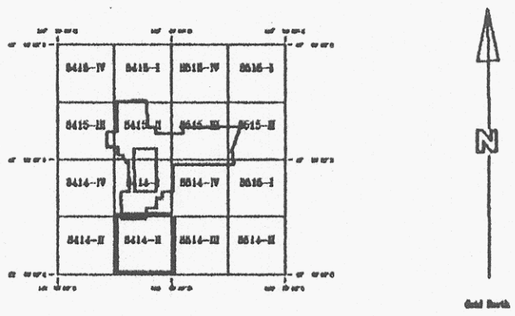
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION

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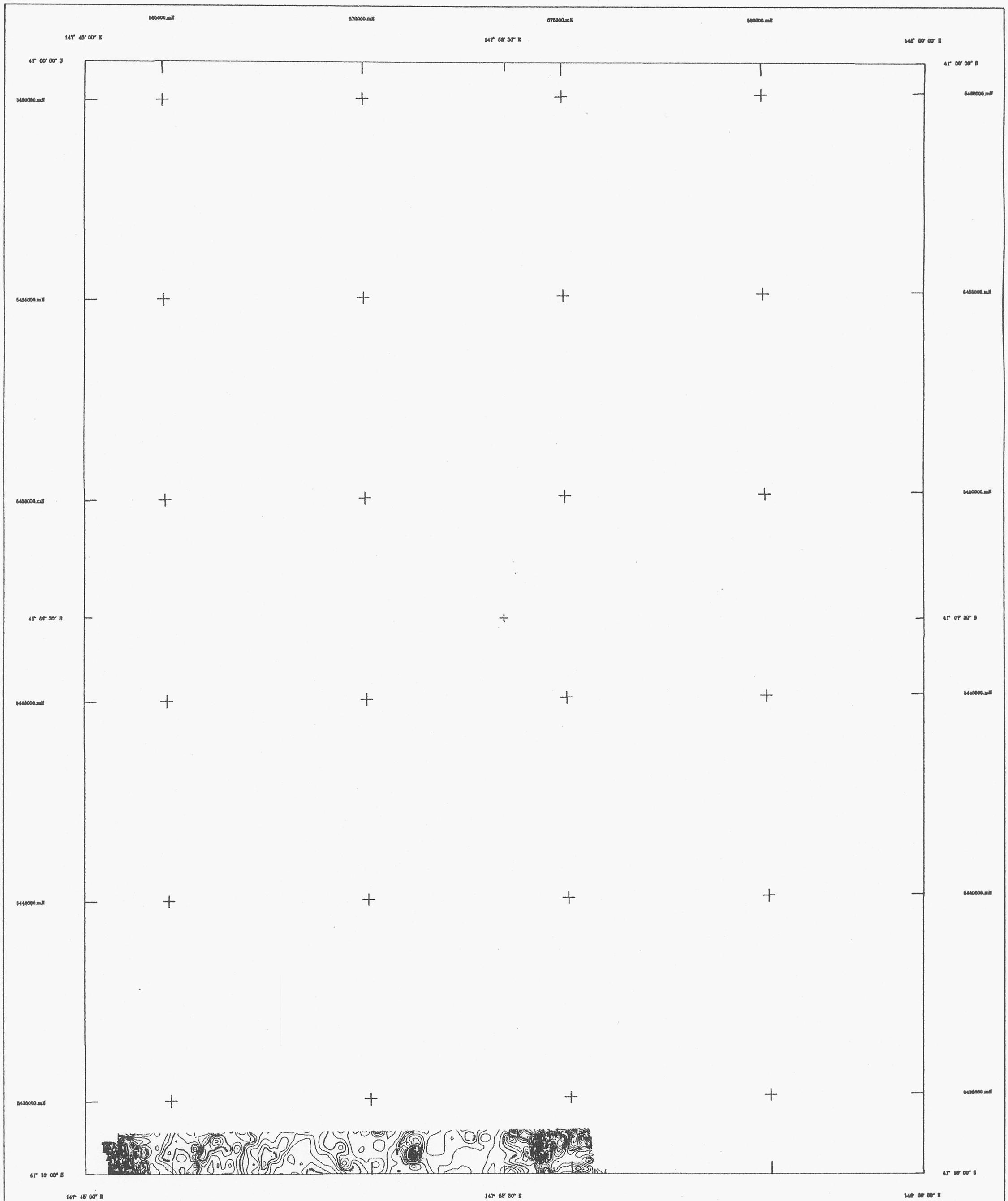
1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward ortho |
| Spectrometer Samples Interval | 1.0 Seconds (approx 20 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight line Direction | 090 - 270 degrees |
| Flight line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1990.8 removed
Average survey base station value and a
constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
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Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

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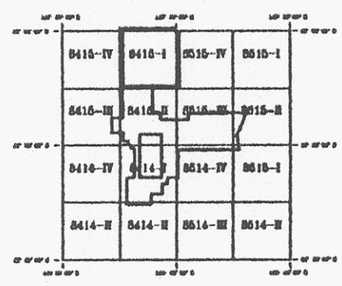


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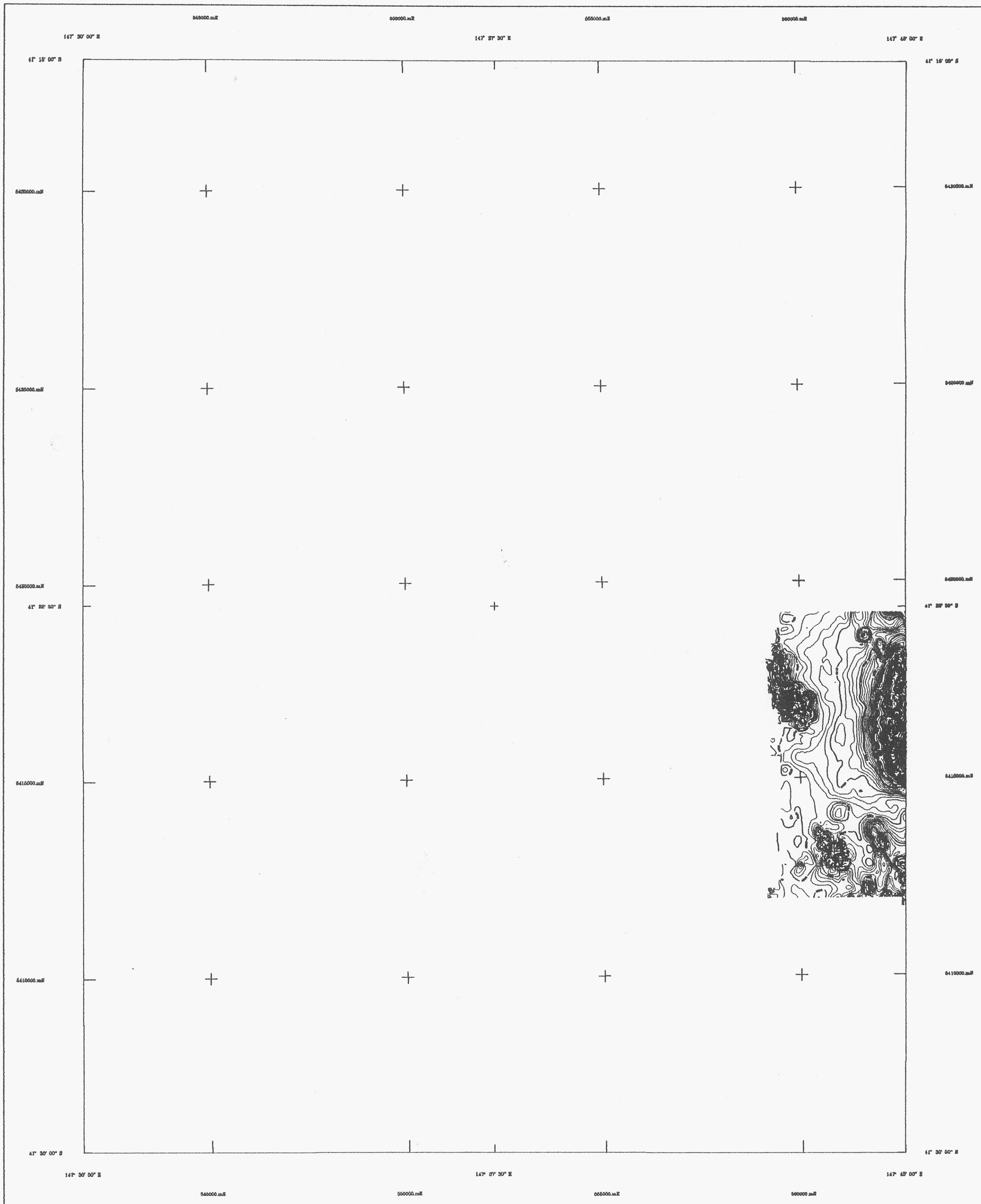
1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FBH |
| Magnetometer | Geometrics G823 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 25 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 005 - 185 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value and a
constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October — November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
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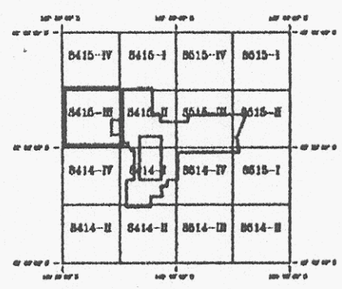
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

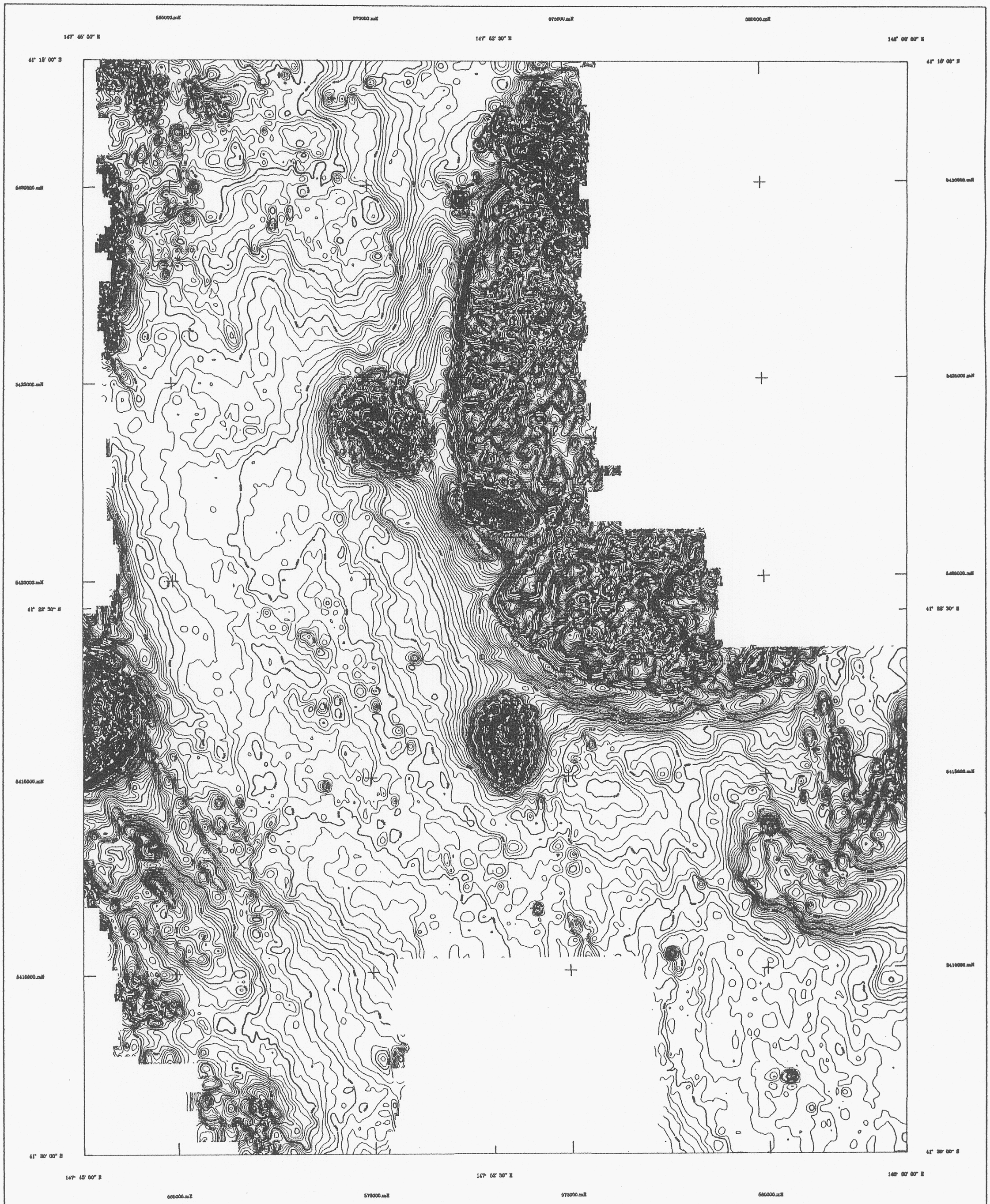


8415-III

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FEH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR230 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 30 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.8 removed
Average survey base station value and a
constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 5, 10, 50, 250, 1000 nT

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October — November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

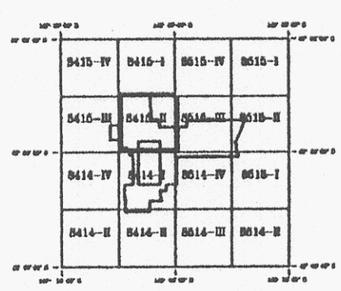
SCALE 1:50,000

1 0 1 2 3 4

Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

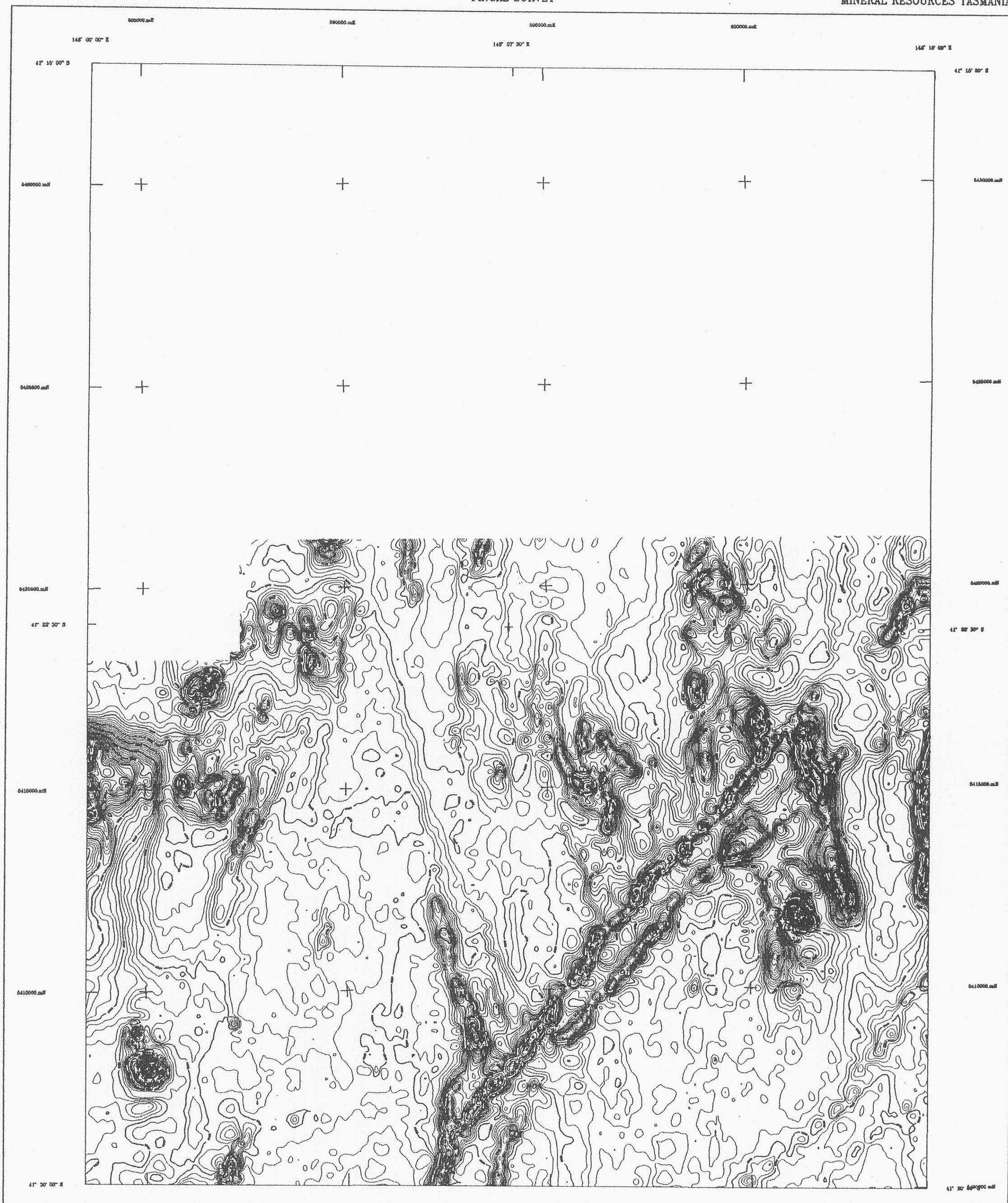



8415-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FSH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 30 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value and a
constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Fingal Aeromagnetic Survey

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October — November 1993

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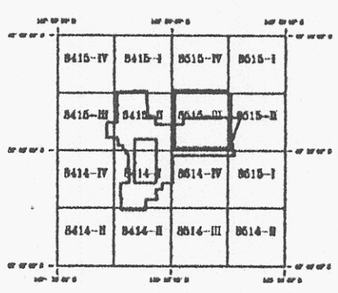
SCALE 1:50,000

1 0 1 2 3 4

Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

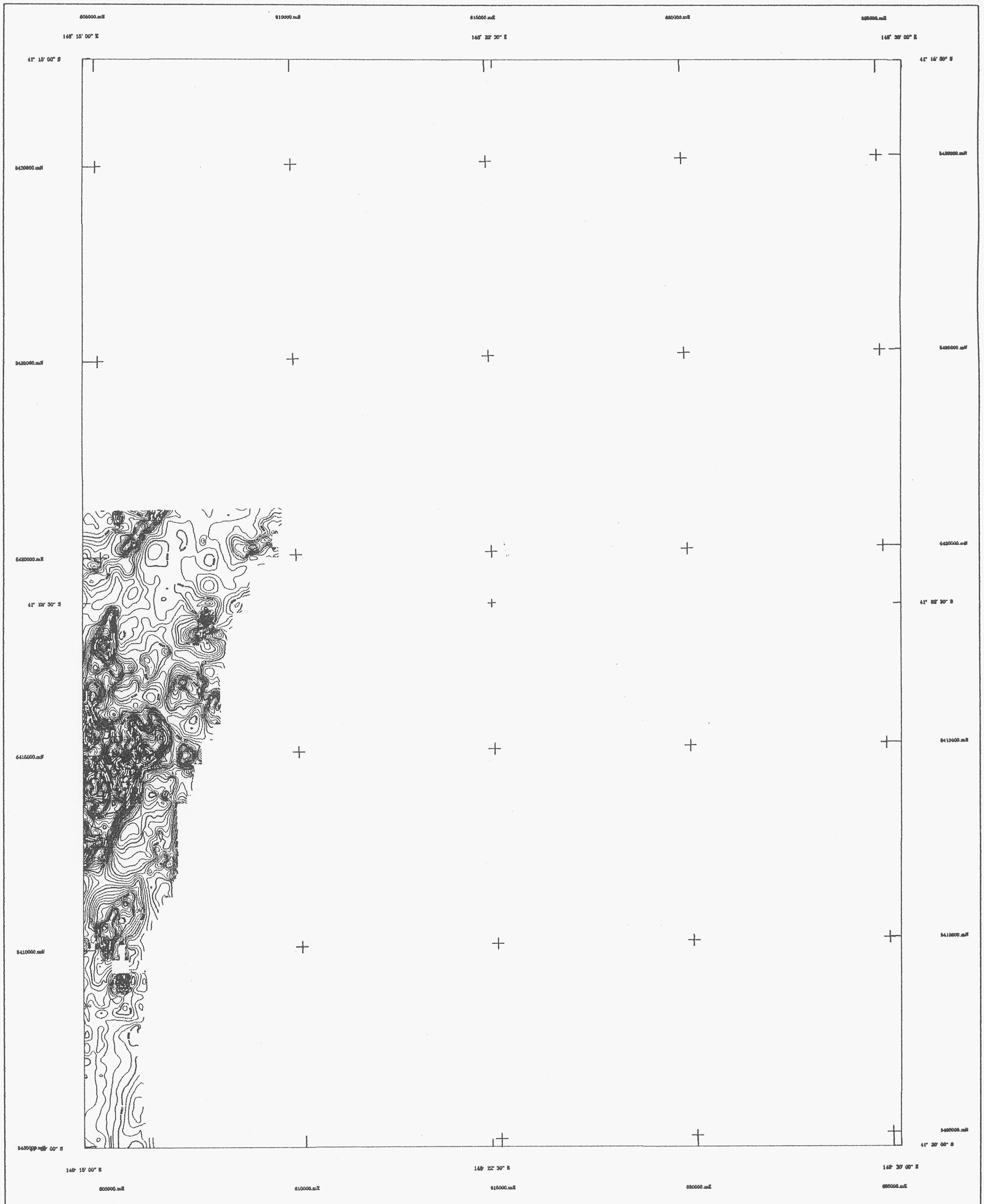



8515-III

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FEH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 005 - 185 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value and a constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Fingal Aeromagnetic Survey

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October – November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

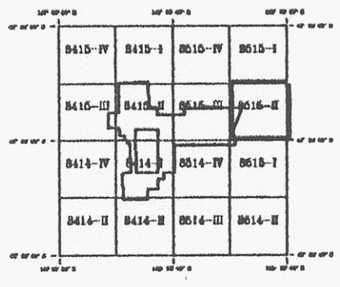
SCALE 1:50,000

1 0 1 2 3 4

Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION



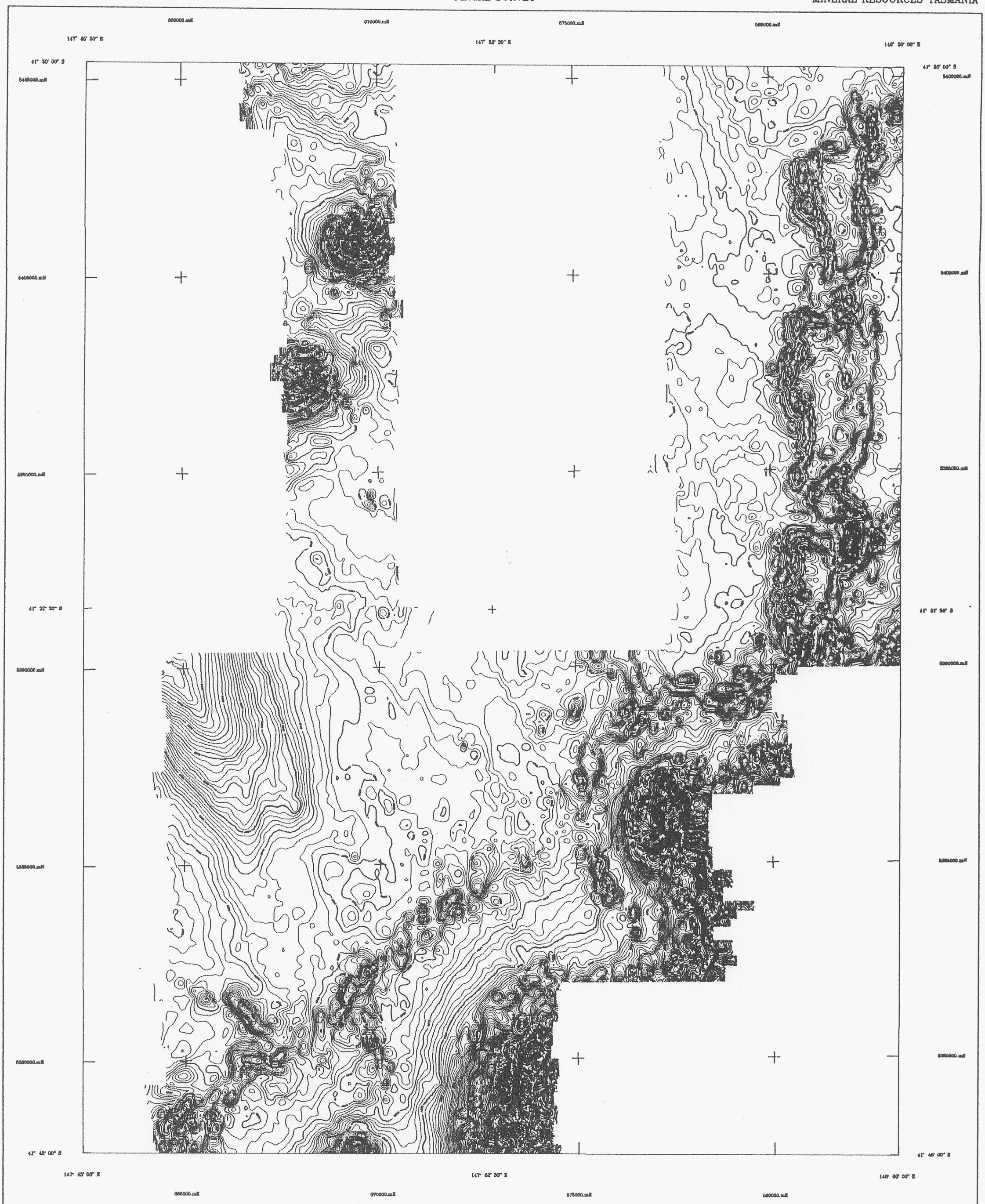

8515-II

Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.6 removed
Average survey base station value and a constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 5, 10, 50, 250, 1000 nT

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October — November 1993

Mineral Resources Tasmania Reserved

Project Supervision by Mineral Resources Tasmania

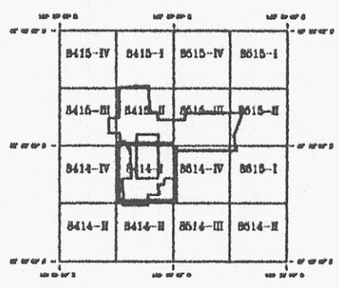
SCALE 1:50,000

1 0 1 2 3 4

Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

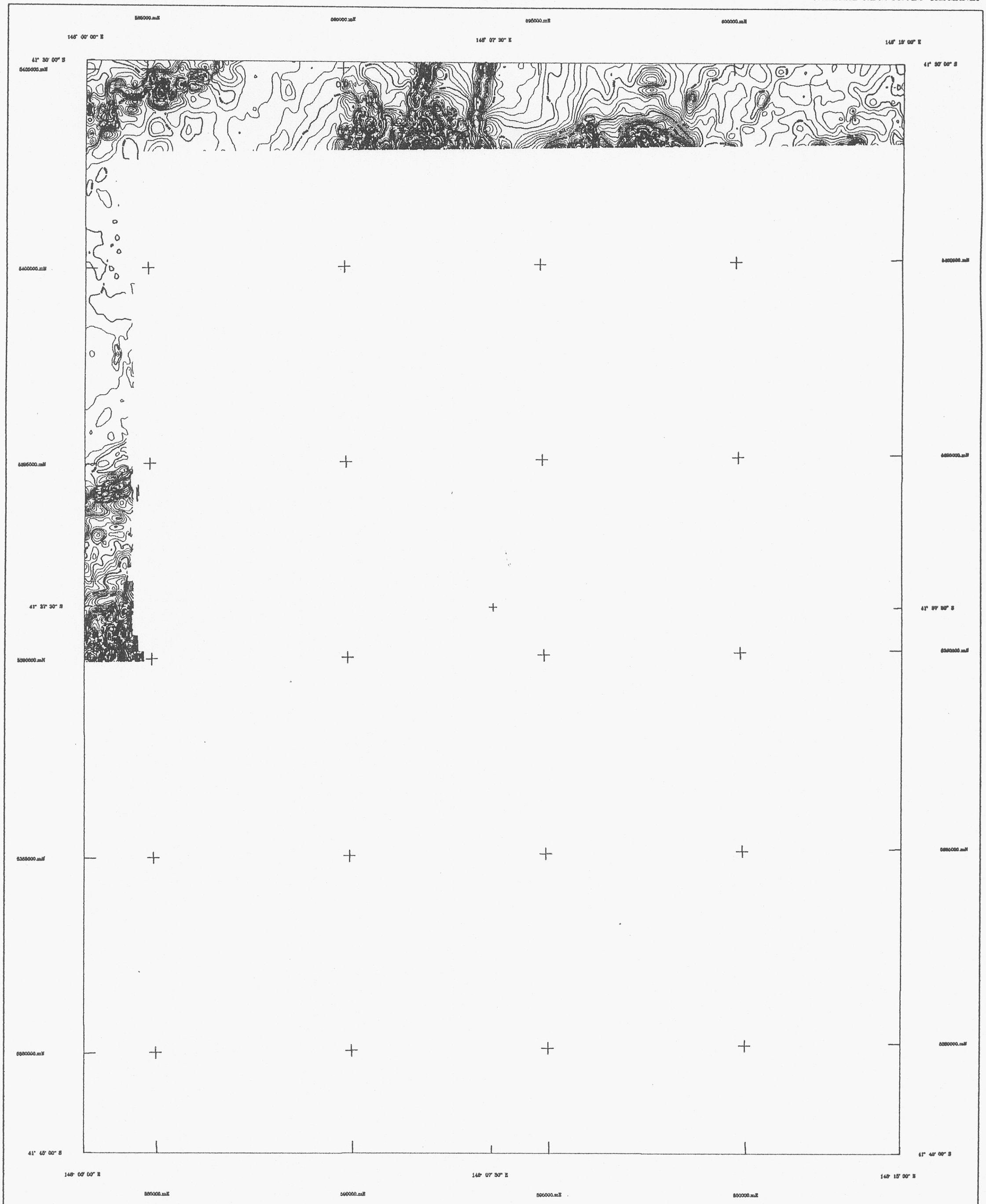



8414-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FRH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 006 - 186 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value and a
constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Fingal Aeromagnetic Survey

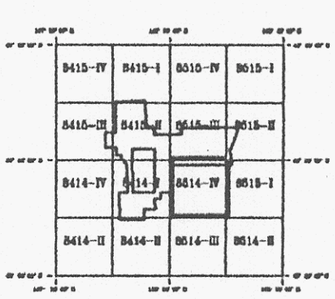
Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October — November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

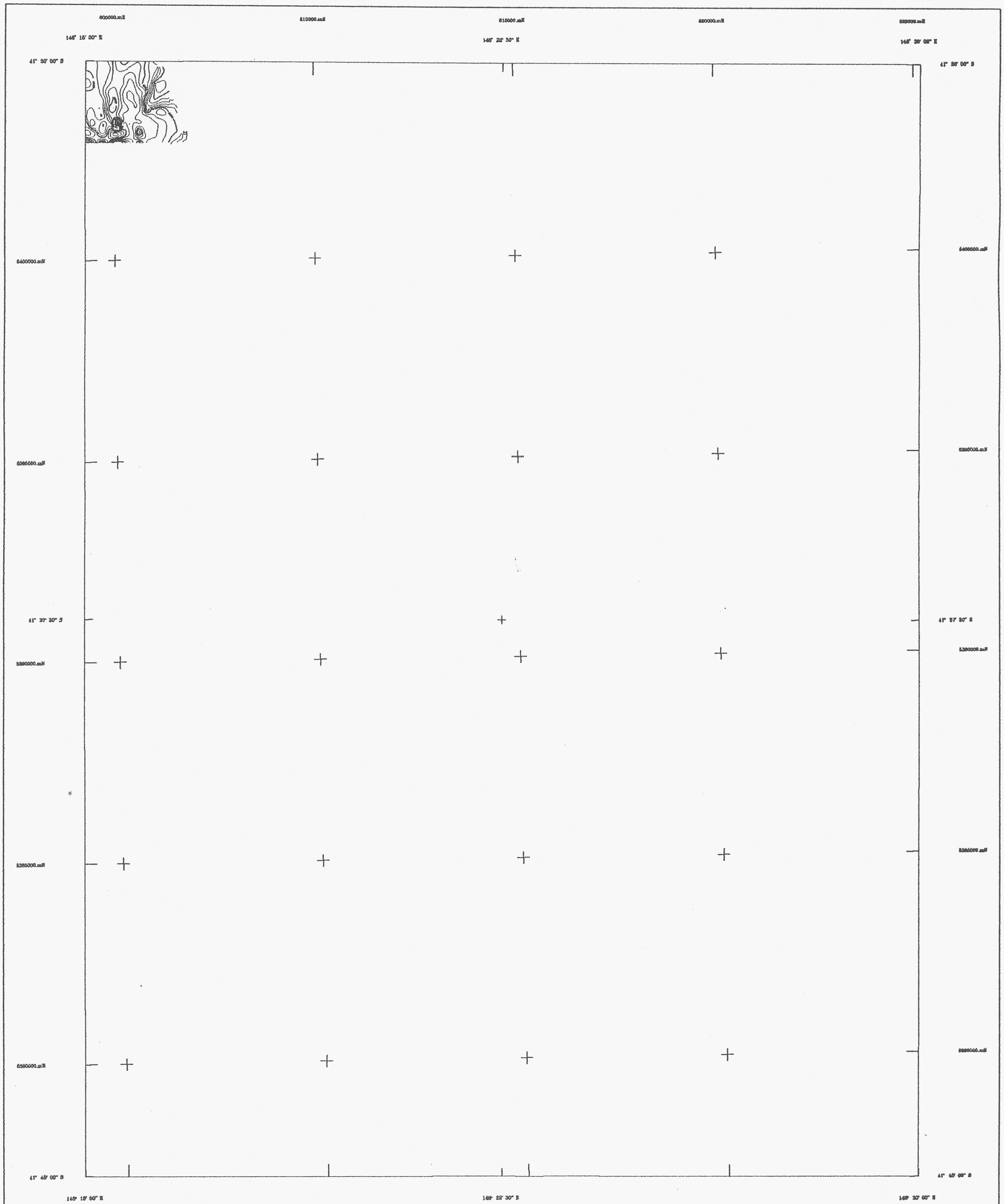


8514-IV

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value and a
constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania

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Processed by Kevron Geophysics Pty. Ltd.

October — November 1993

Mineral Resources Tasmania Reserved

Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000

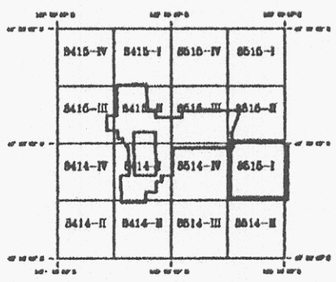
1 0 1 2 3 4

Kilometres

MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

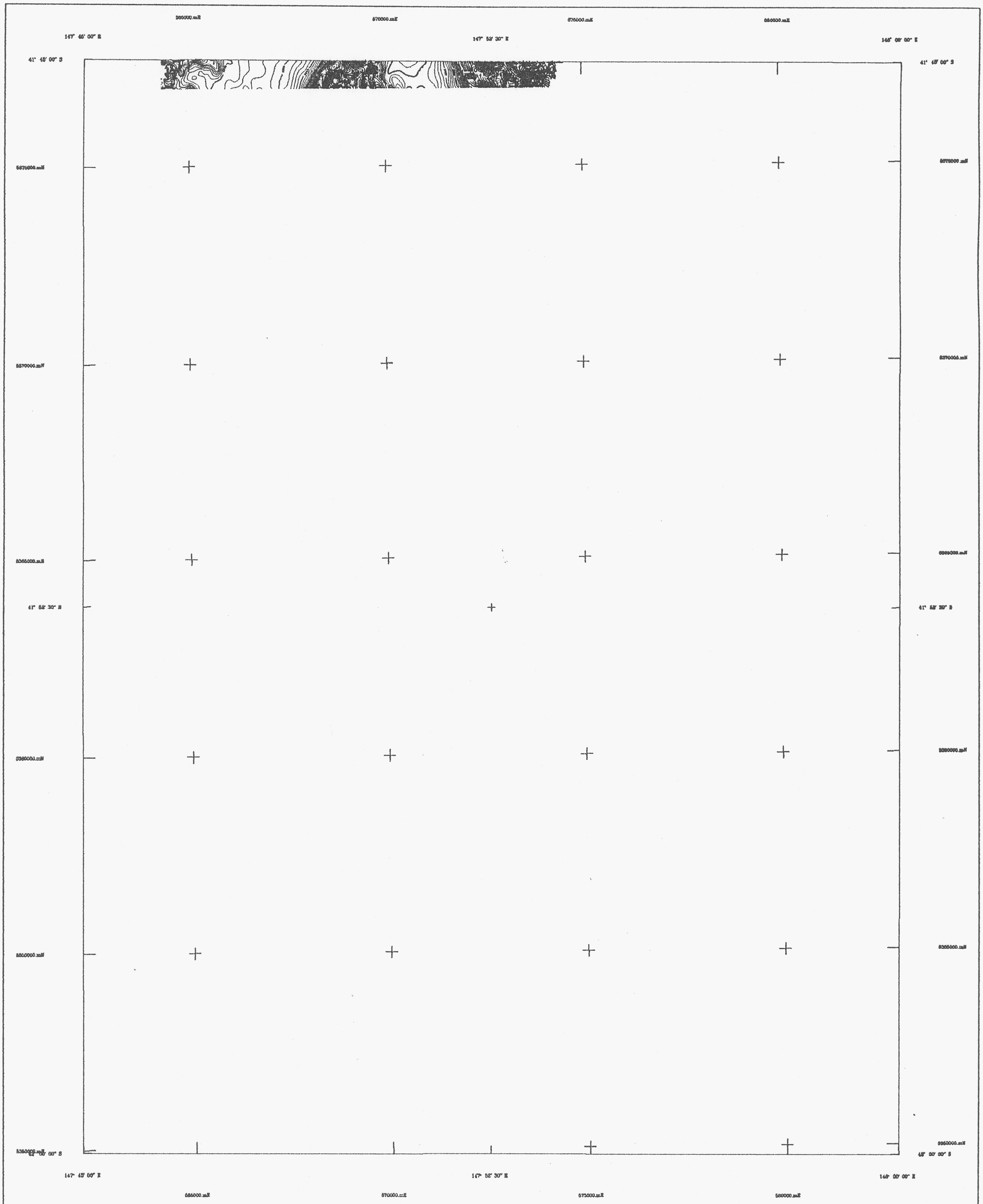



8515-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.81 downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 50 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 005 - 185 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value and a
constant of 50000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Fingal Aeromagnetic Survey

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Minerals Resources Tasmania
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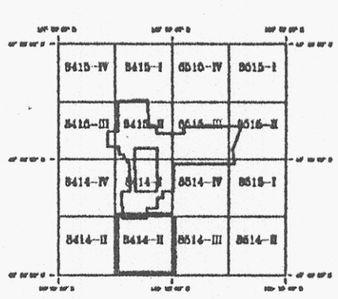
October – November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 56

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

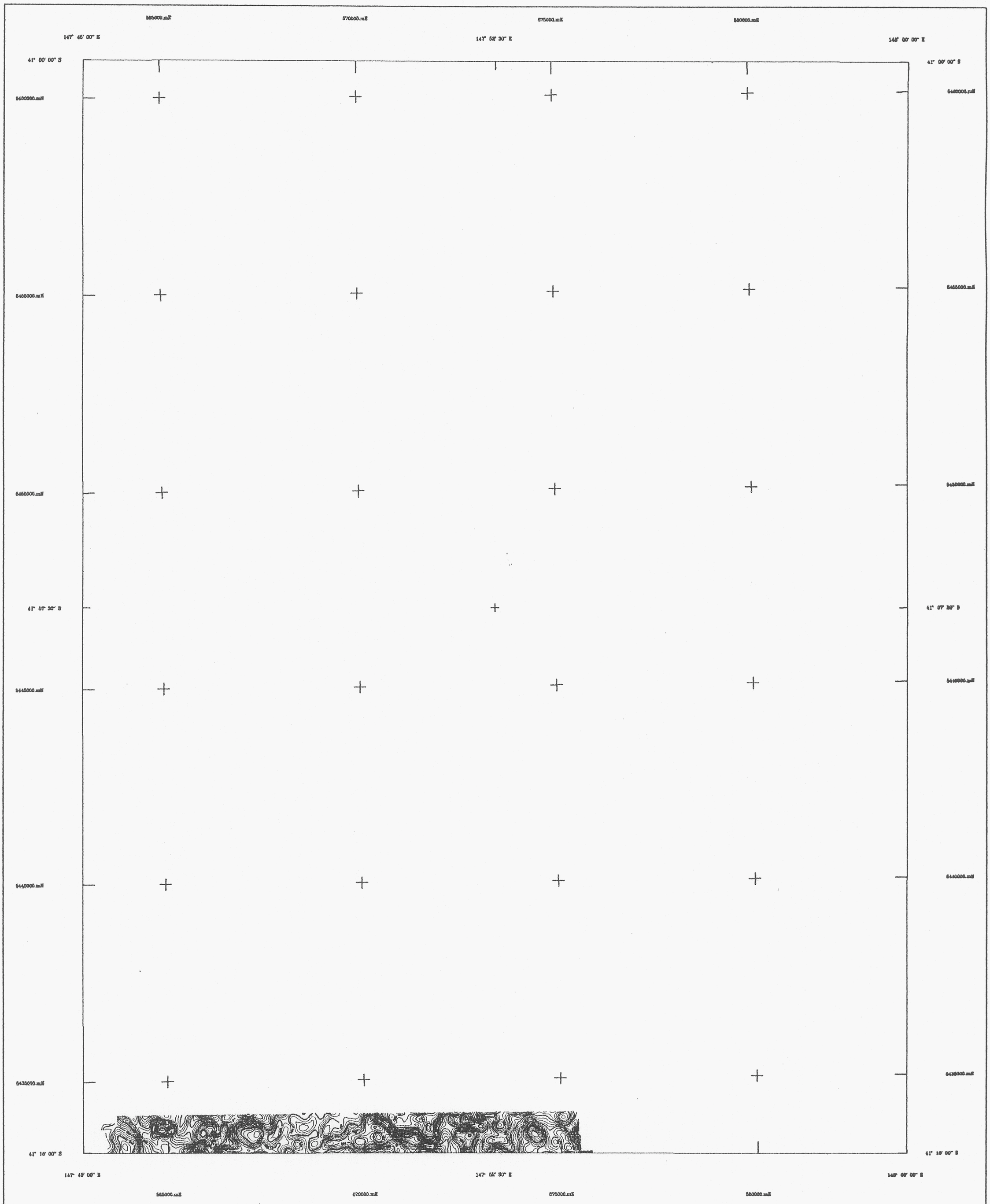



8414-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8L downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 80 metres,
minimum height of 25 and a maximum of 300 metres.

Grid Mesh 50 x 50 metres

For the purpose of contouring a 3x3 average
convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Fingal Aeromagnetic Survey

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October - November 1993

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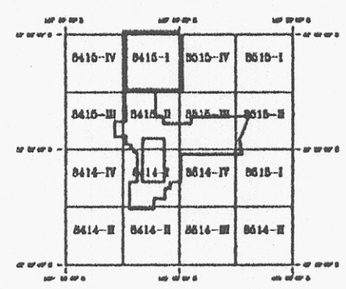
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

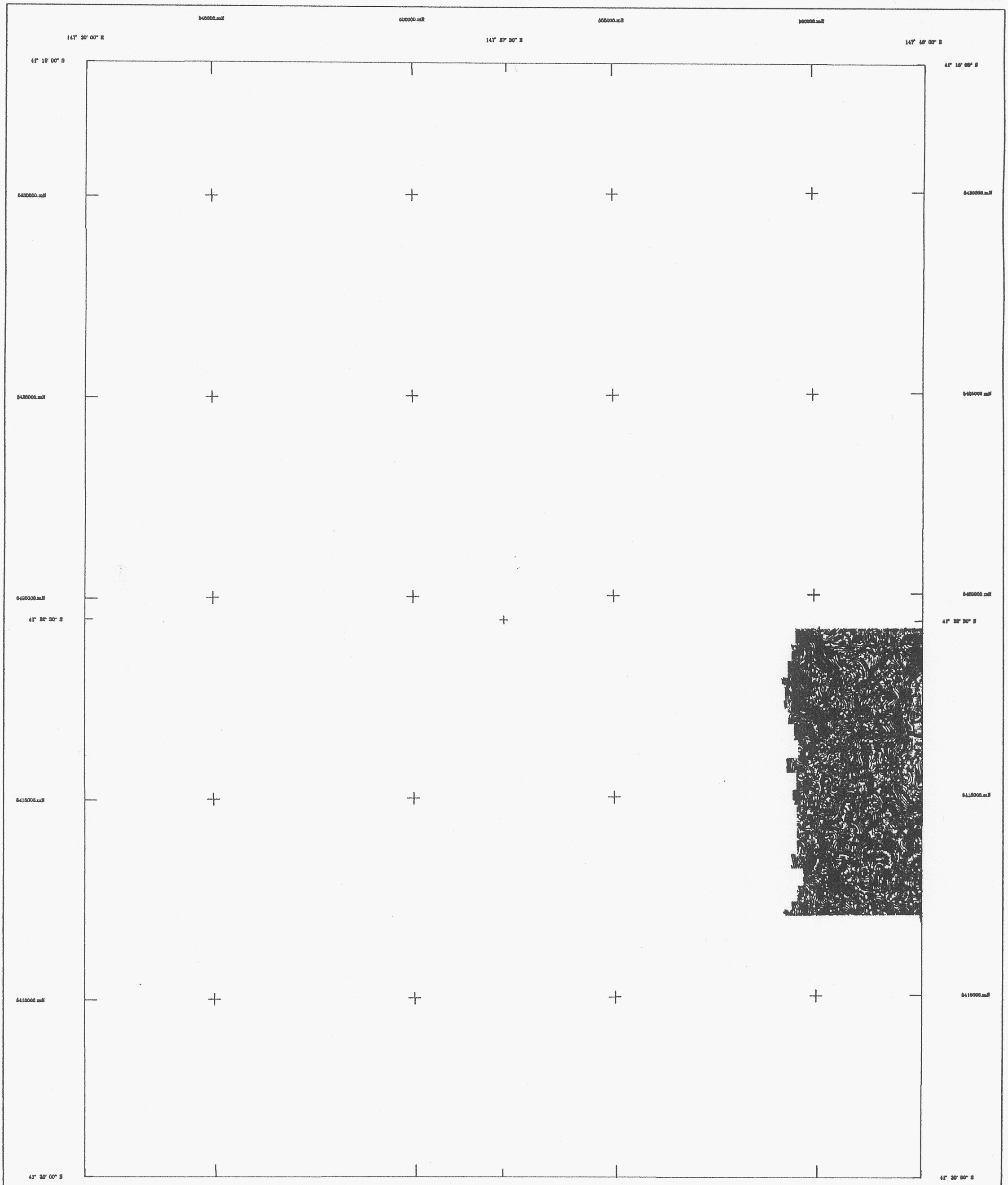



8415-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8L downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 26 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 80 metres,
minimum height of 20 and a maximum of 900 metres.

Grid Mesh 50 x 50 metres

For the purpose of contouring a 3x3 average
convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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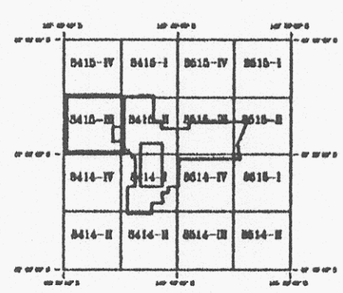
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

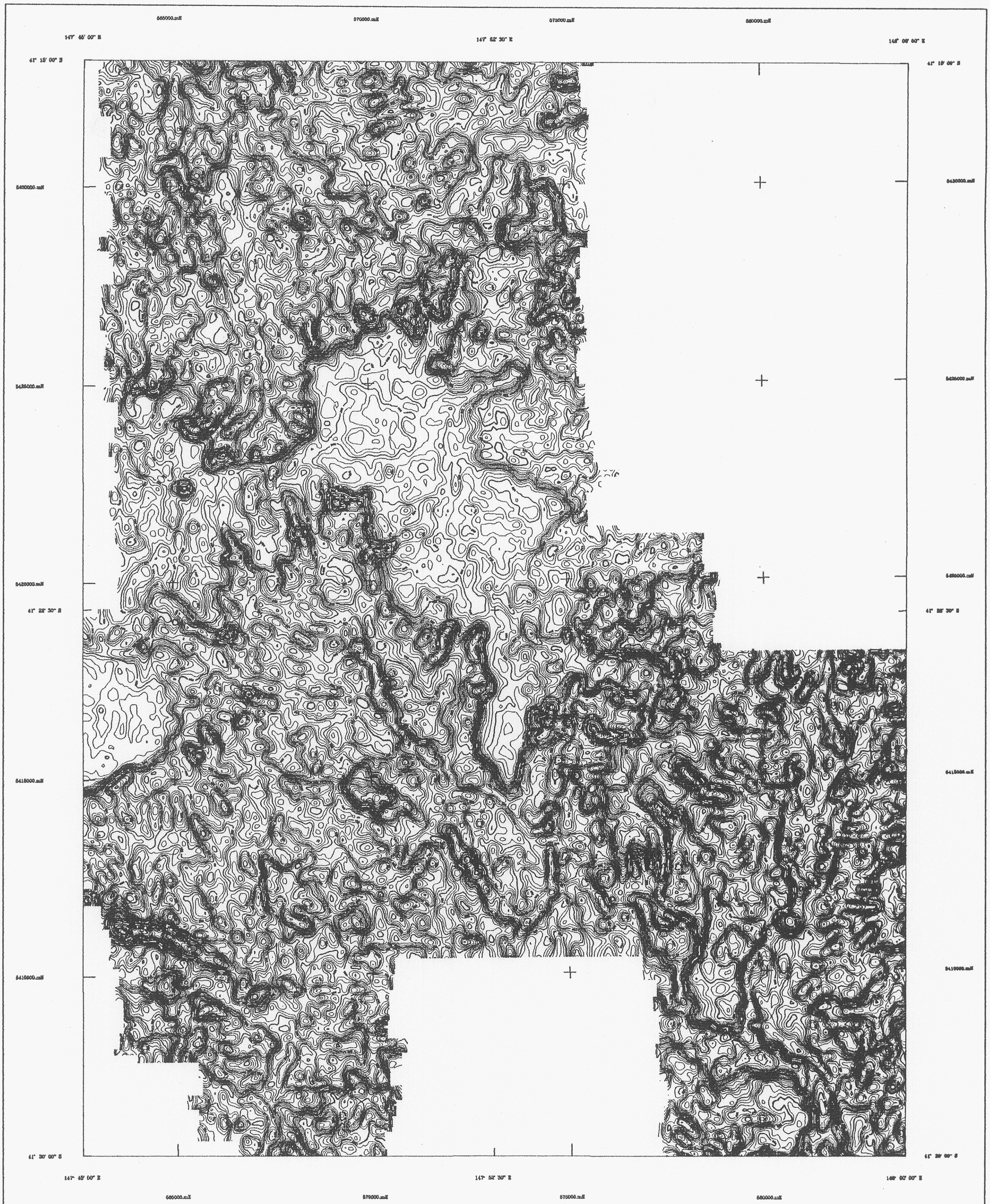



8415-III

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FRH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8K downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds. Height corrected to a constant datum of 80 metres, minimum height of 20 and a maximum of 300 metres.

Grid Mesh 50 x 50 metres

For the purpose of contouring a 3x3 average convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

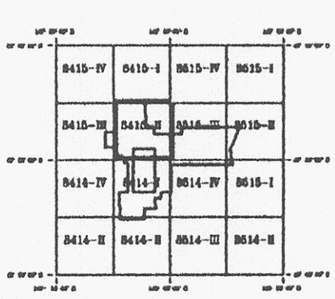
SCALE 1:50,000

1 0 1 2 3 4

Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

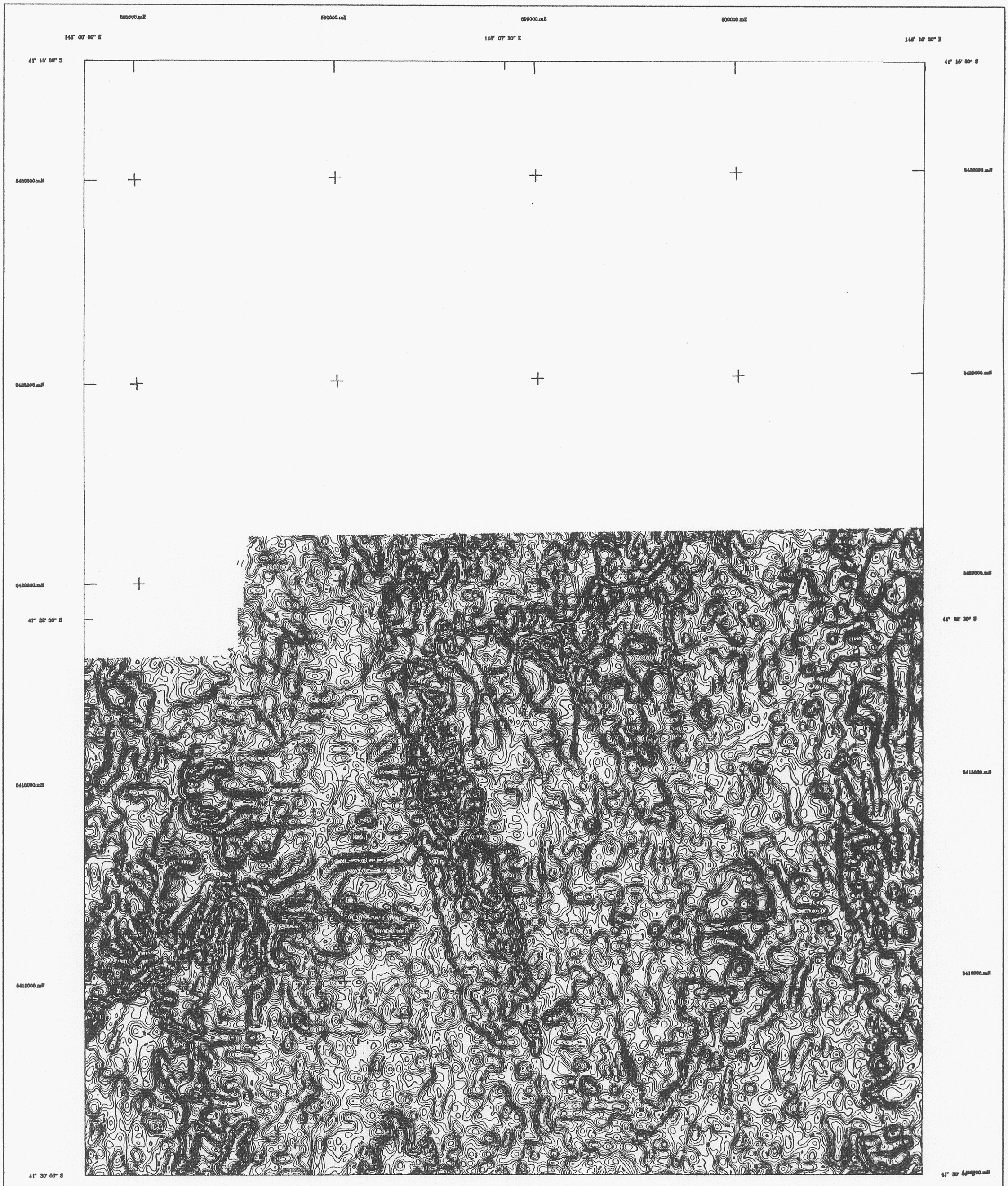



8415-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FHH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR320 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 80 metres,
minimum height of 50 and a maximum of 300 metres.

Grid Mesh 50 x 50 metres

For the purpose of contouring a 3x3 average
convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Fingal Aeromagnetic Survey

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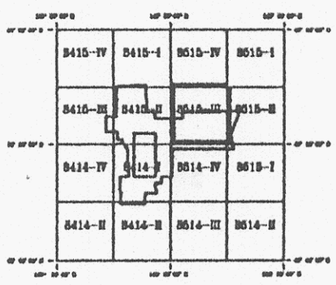
SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

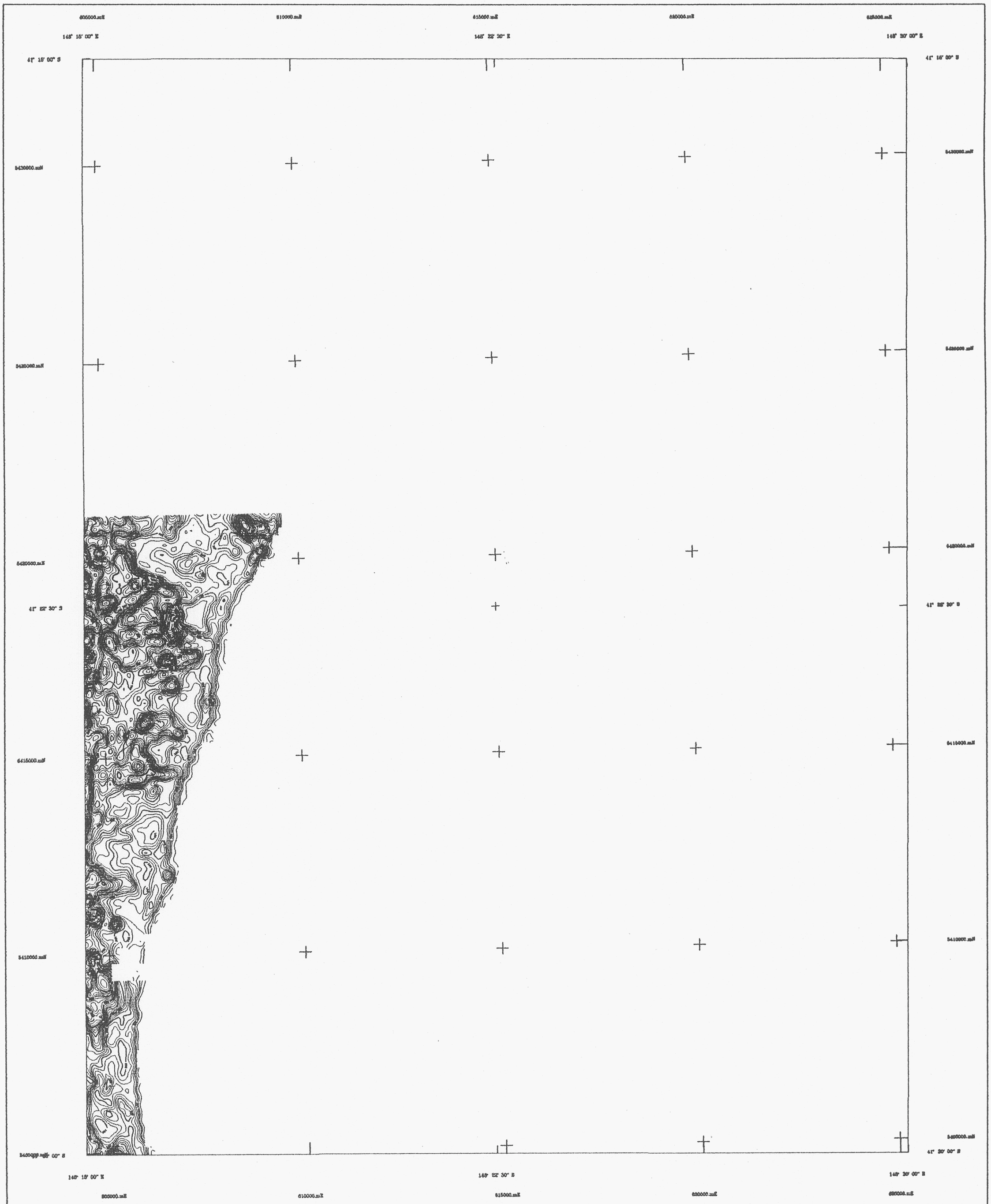


8515-III

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 – 3 VH-FHH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 9000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (apprx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 – 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 – 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 80 metres,
minimum height of 20 and a maximum of 300 metres.

Grid Mesh 50 x 50 metres

For the purpose of contouring a 3x3 average convolution filter has been applied to the grid.

Contour Interval 50, 100, 500, 1000 cps

# Fingal Aeromagnetic Survey

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October – November 1993

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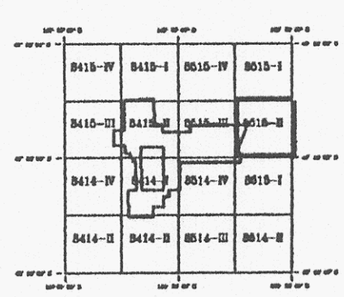
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

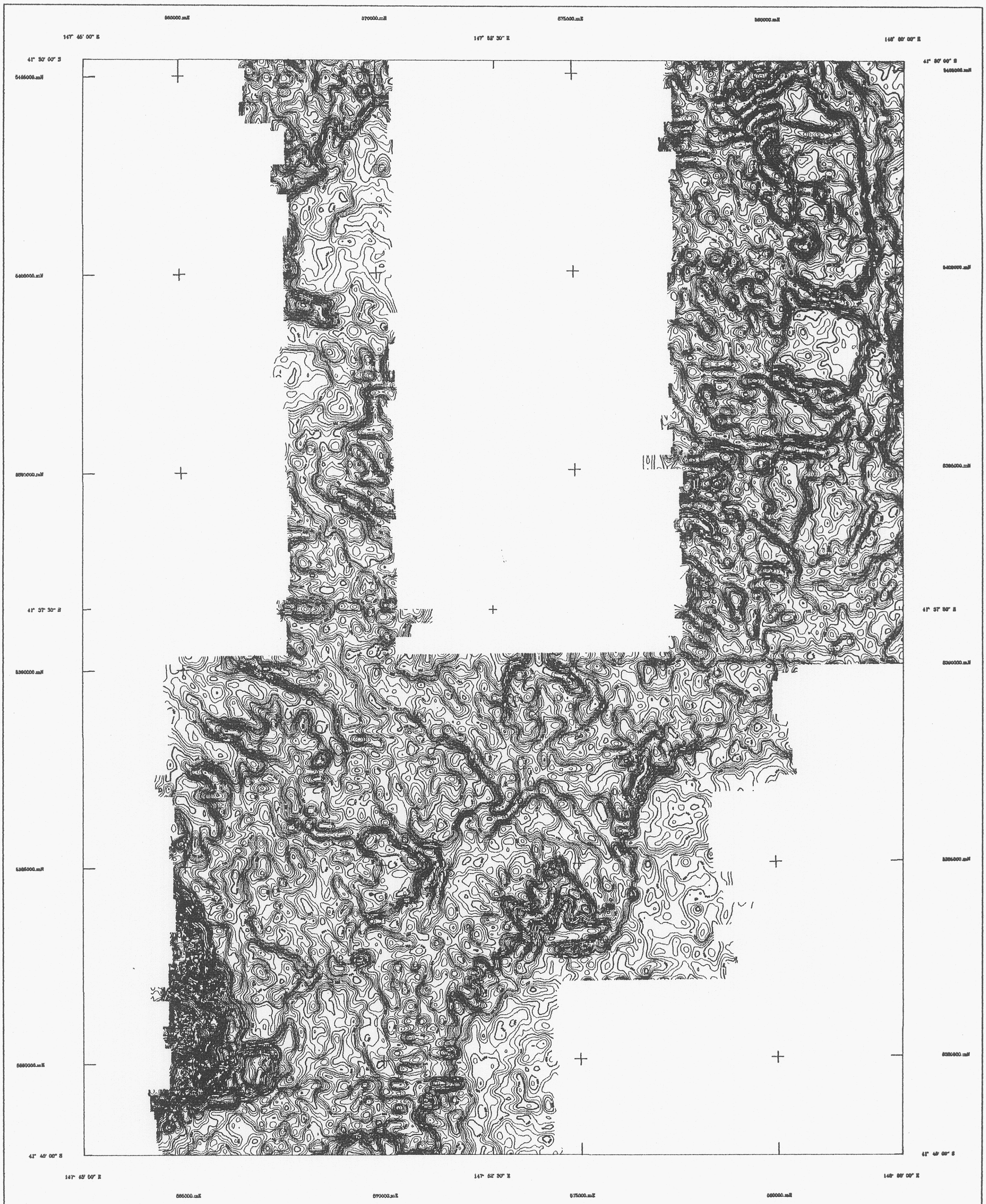



8515-II

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 – 3 VH-FRH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 36 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 – 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 – 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 80 metres,
minimum height of 20 and a maximum of 300 metres.

Grid Mesh 50 x 50 metres

For the purpose of contouring a 3x3 average
convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Fingal Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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October – November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

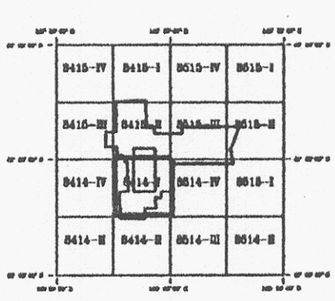
SCALE 1:50,000

1 0 1 2 3 4

Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

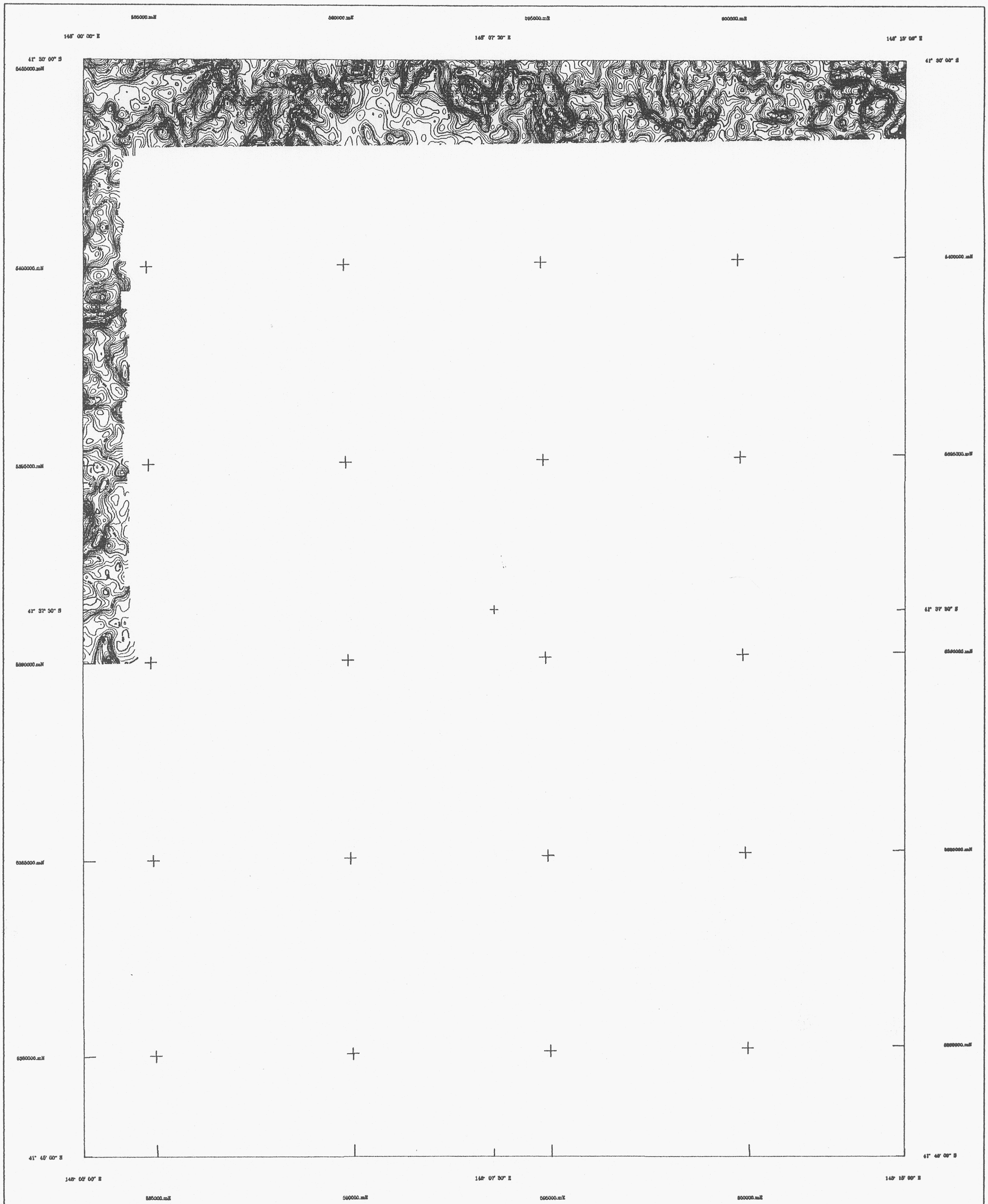



8414-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds. Height corrected to a constant datum of 80 metres, minimum height of 20 and a maximum of 300 metres.

Grid Mesh 50 x 50 metres

For the purpose of contouring a 3x3 average convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Fingal Aeromagnetic Survey

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October - November 1993

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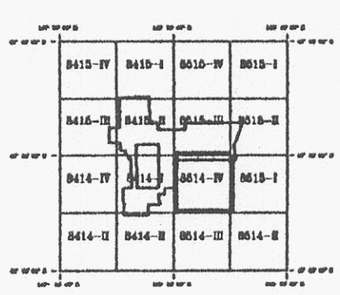
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

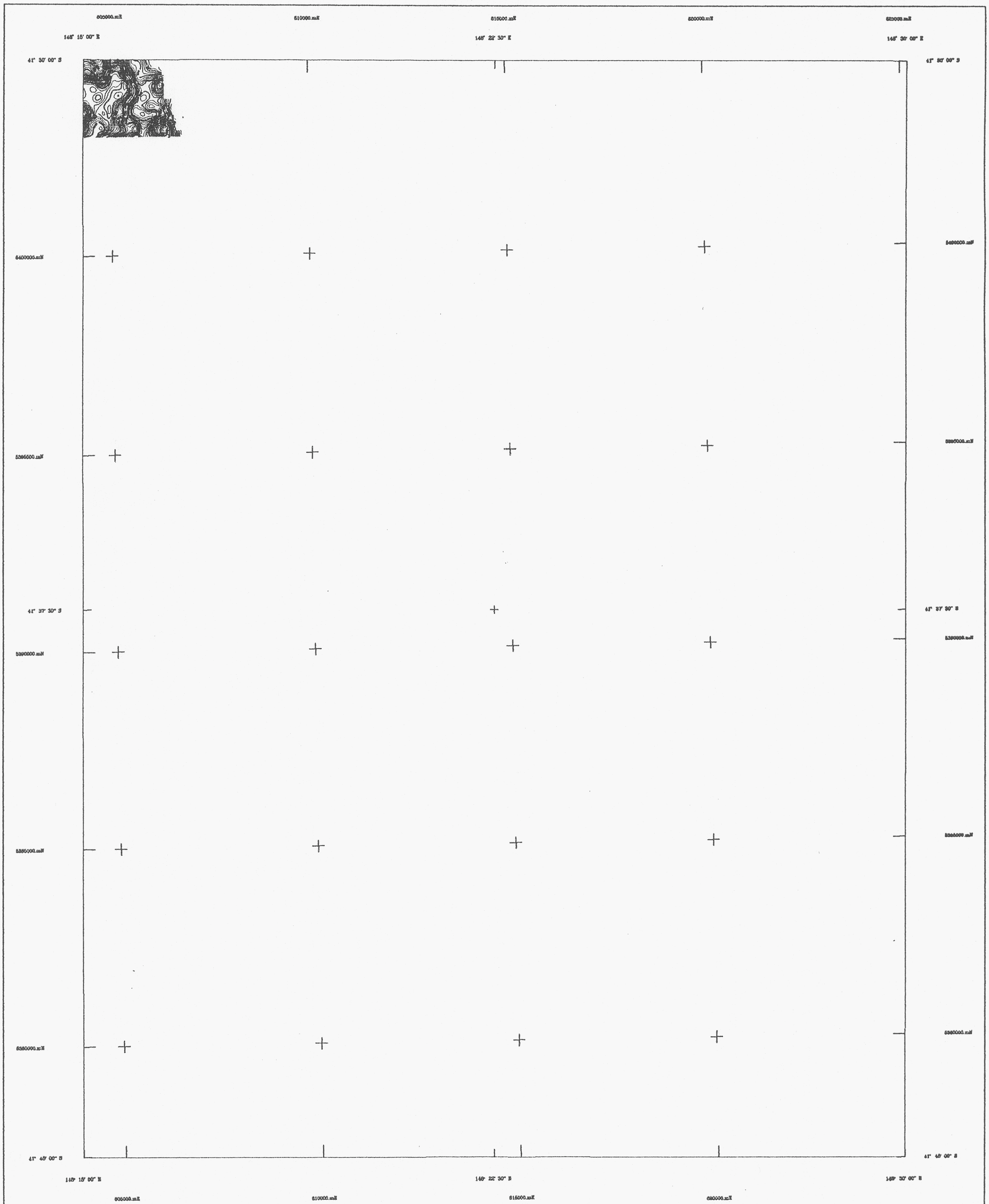


8514-IV

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FSH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 60 metres,
minimum height of 20 and a maximum of 300 metres.

Grid Mesh 50 x 50 metres

For the purpose of contouring a 3x3 average
convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Fingal Aeromagnetic Survey

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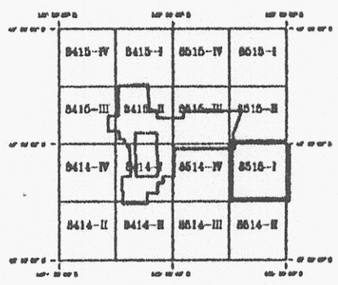
SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

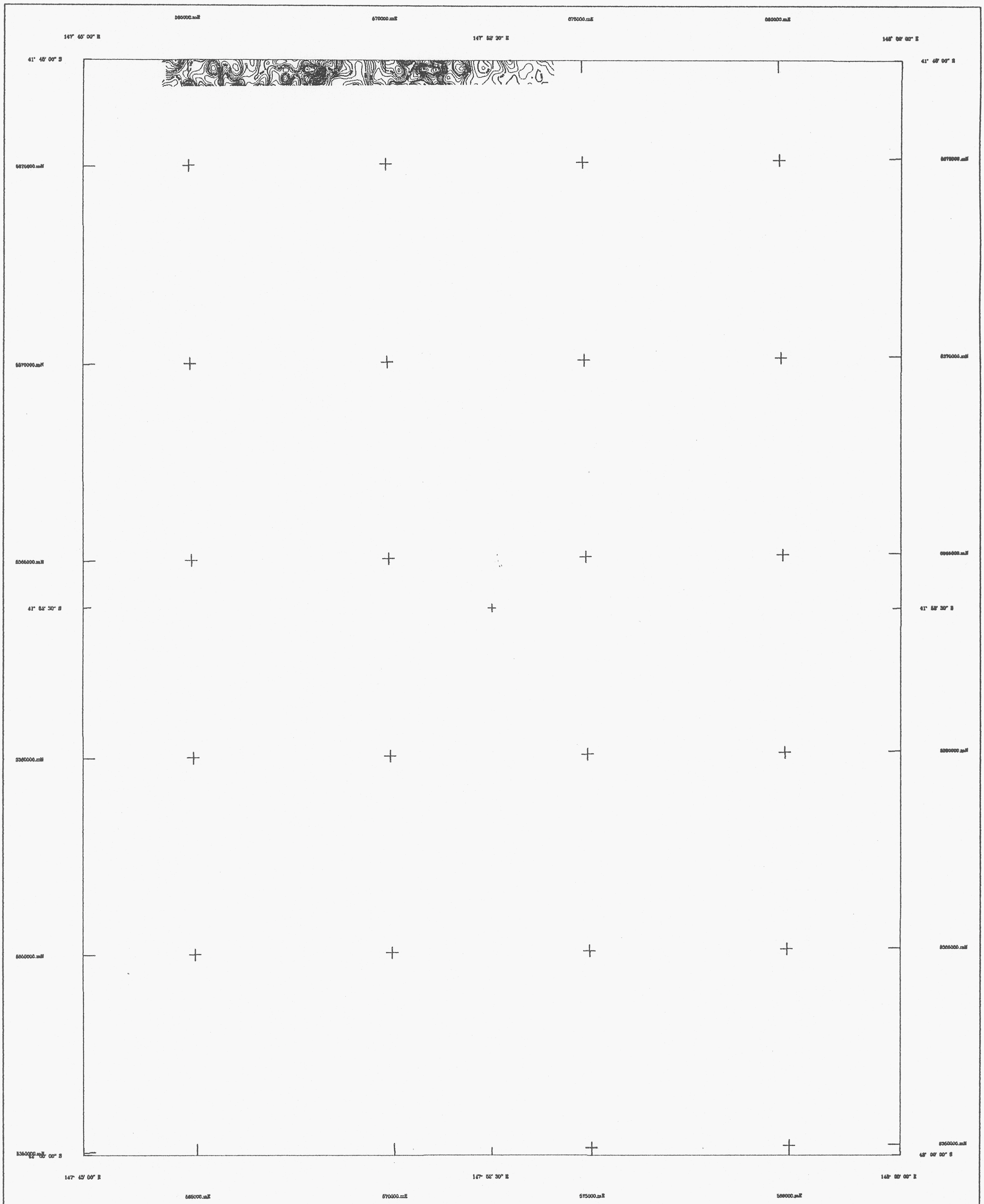


8515-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR320 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 80 metres,
minimum height of 20 and a maximum of 300 metres.

Grid Mesh 50 x 50 metres

For the purpose of contouring a 3x3 average
convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Fingal Aeromagnetic Survey

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October — November 1993

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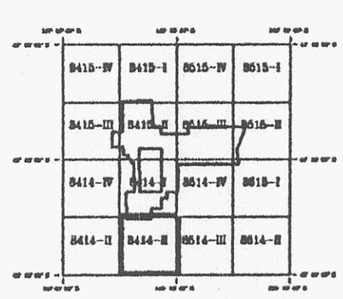
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 56

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION




8414-II

# APPENDIX 2

## INDEX OF DELIVERED MAPS

Enclosed Maps
- Flight Path
- Total Magnetic Profiles Traverse's
- Total Magnetic Profiles Tie's
- Total Magnetic Contours
- Total Count Contours

Job Number: 9304

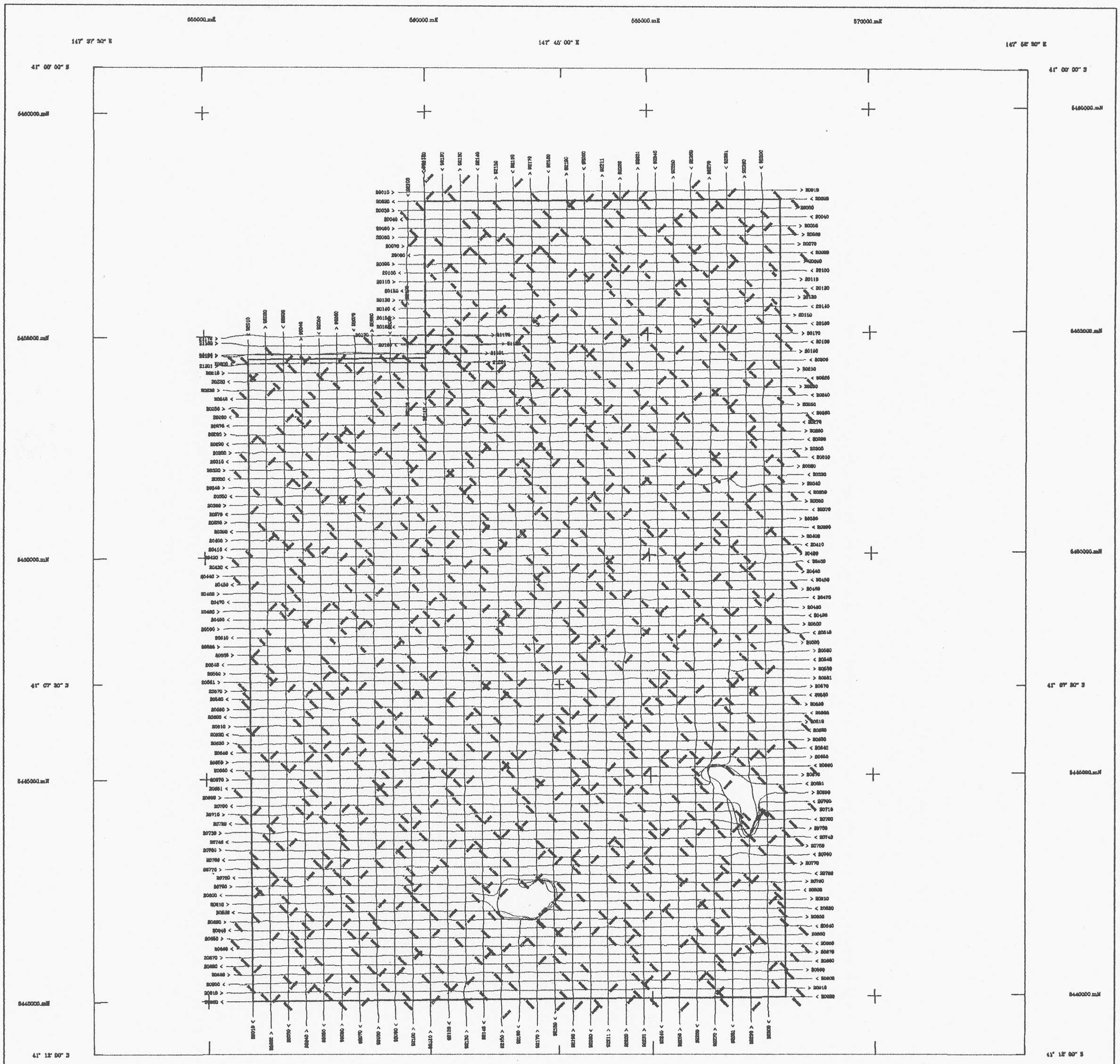
Survey Area: Mt Horror

Area: 2

1:50,000 AIRBORNE GEOPHYSICAL SERIES

MT HORROR SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 80 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 01' 25.017" E 147 24" 20.210"

Every 500 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Mt Horror Aeromagnetic Survey

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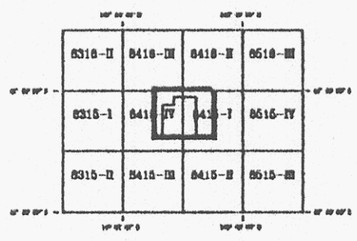
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

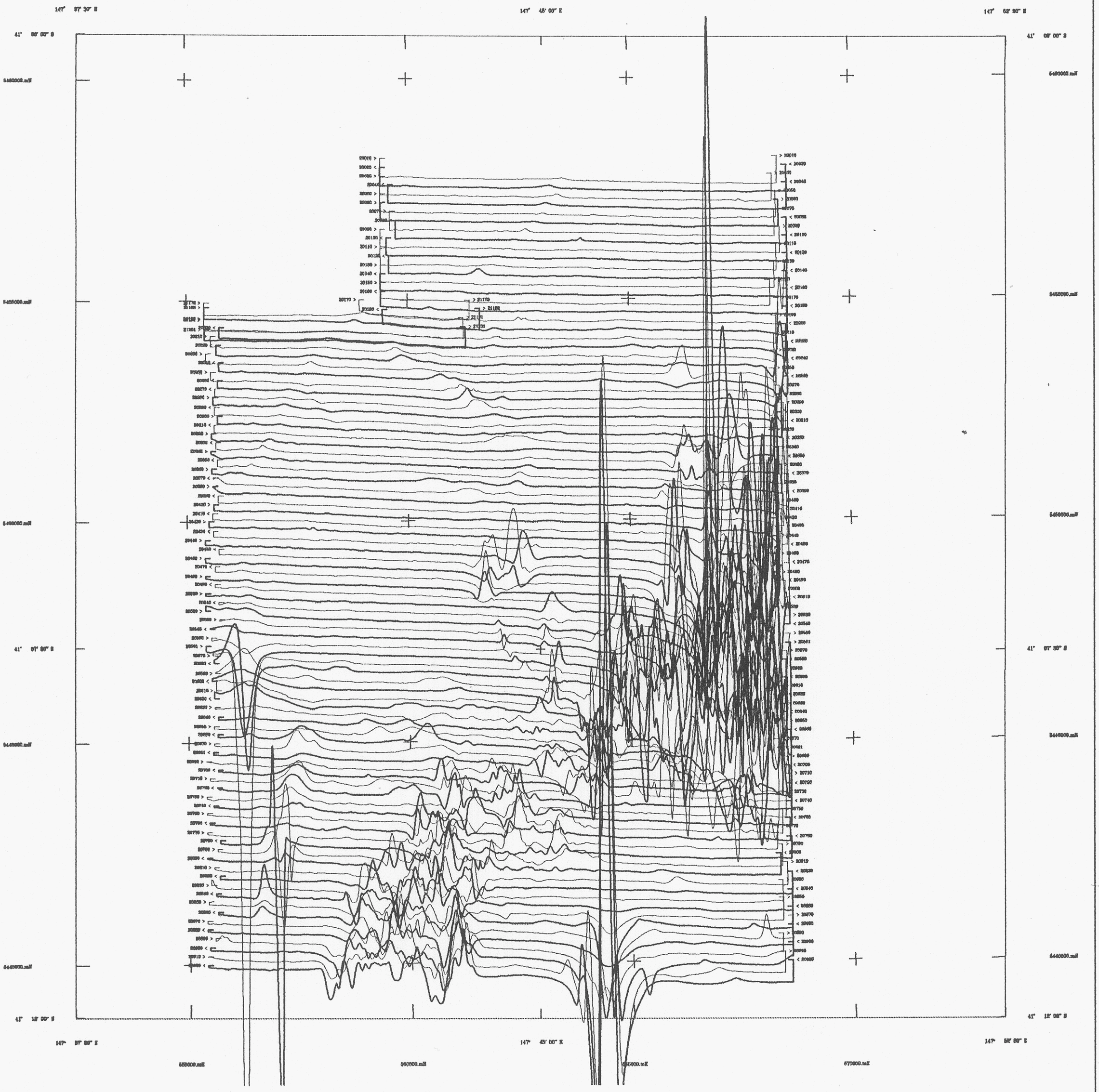
1:50,000 SHEET LOCATION



1:50,000 AIRBORNE GEOPHYSICAL SERIES

MT HORROR SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




**AIRBORNE SURVEY EQUIPMENT**

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FHH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.05 seconds |
| Data Acquisition | Geo Instruments Model 8006 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 75 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

**AIRBORNE SURVEY SPECIFICATIONS**

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 005 - 185 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

**TOTAL MAGNETIC INTENSITY STACKED PROFILES**

Diurnal variations removed
IGRF(1990) updated to 1993.8 removed
Average survey base station value added to datum

Datum Base Value 58000 nT
Vertical Scale 50 nT / cm

# Mt Horror Aeromagnetic Survey

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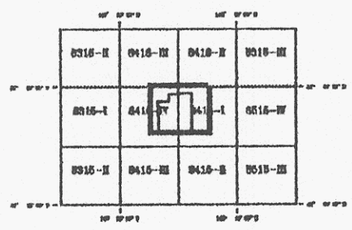
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

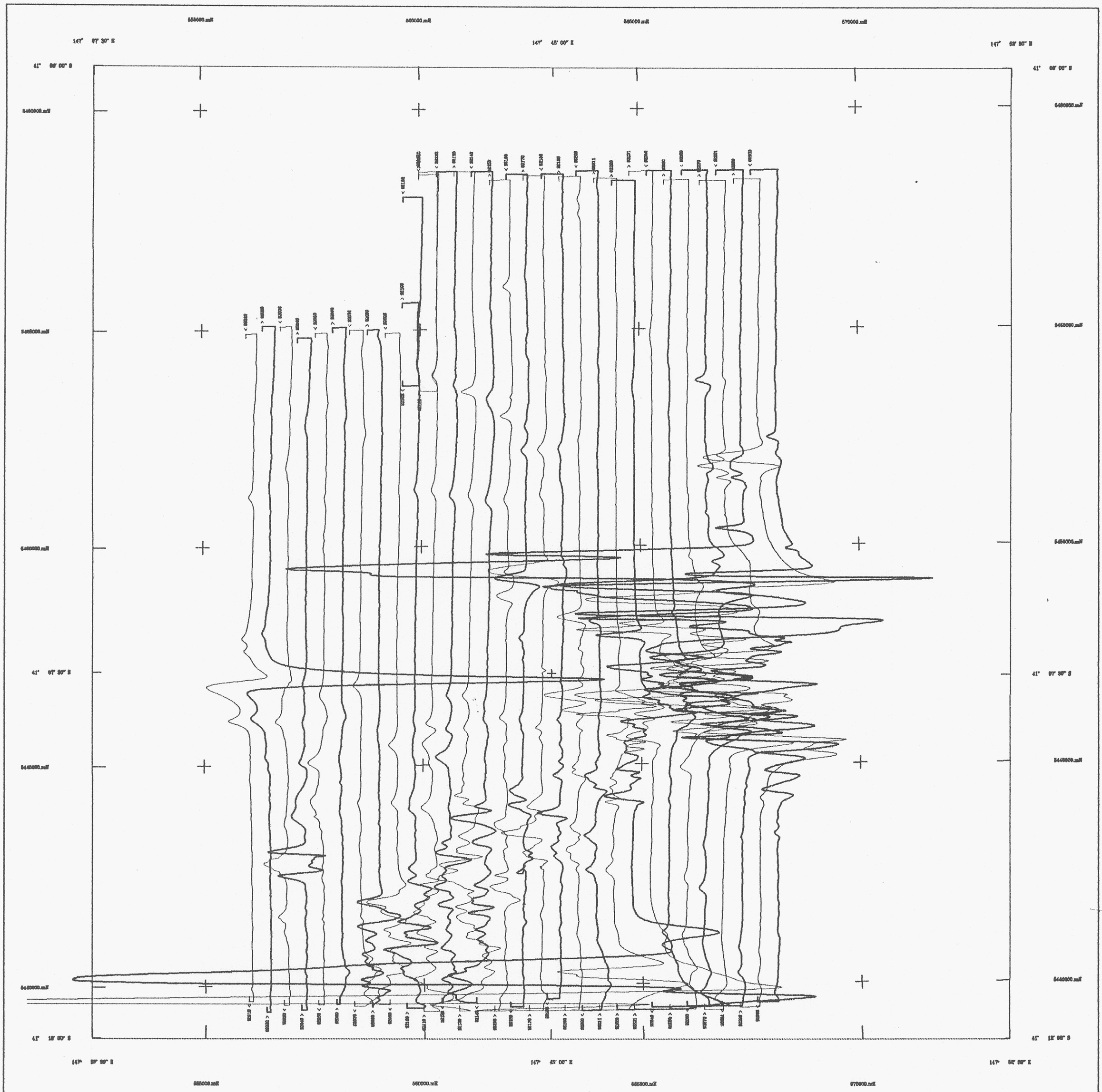
1:50,000 SHEET LOCATION



1:50,000 AIRBORNE GEOPHYSICAL SERIES

MT HORROR SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 8000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Navstal GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight line Direction | 000 - 270 degrees |
| Flight line Separation | 200 metres |
| Tie line Direction | 090 - 180 degrees |
| Tie line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.0 removed
Average survey base station value added to datum

Datum Base Value 5000 nT
Vertical Scale 6% mV / cm

# Mt Horror Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
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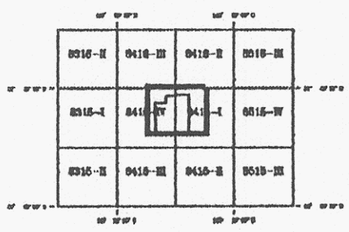
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

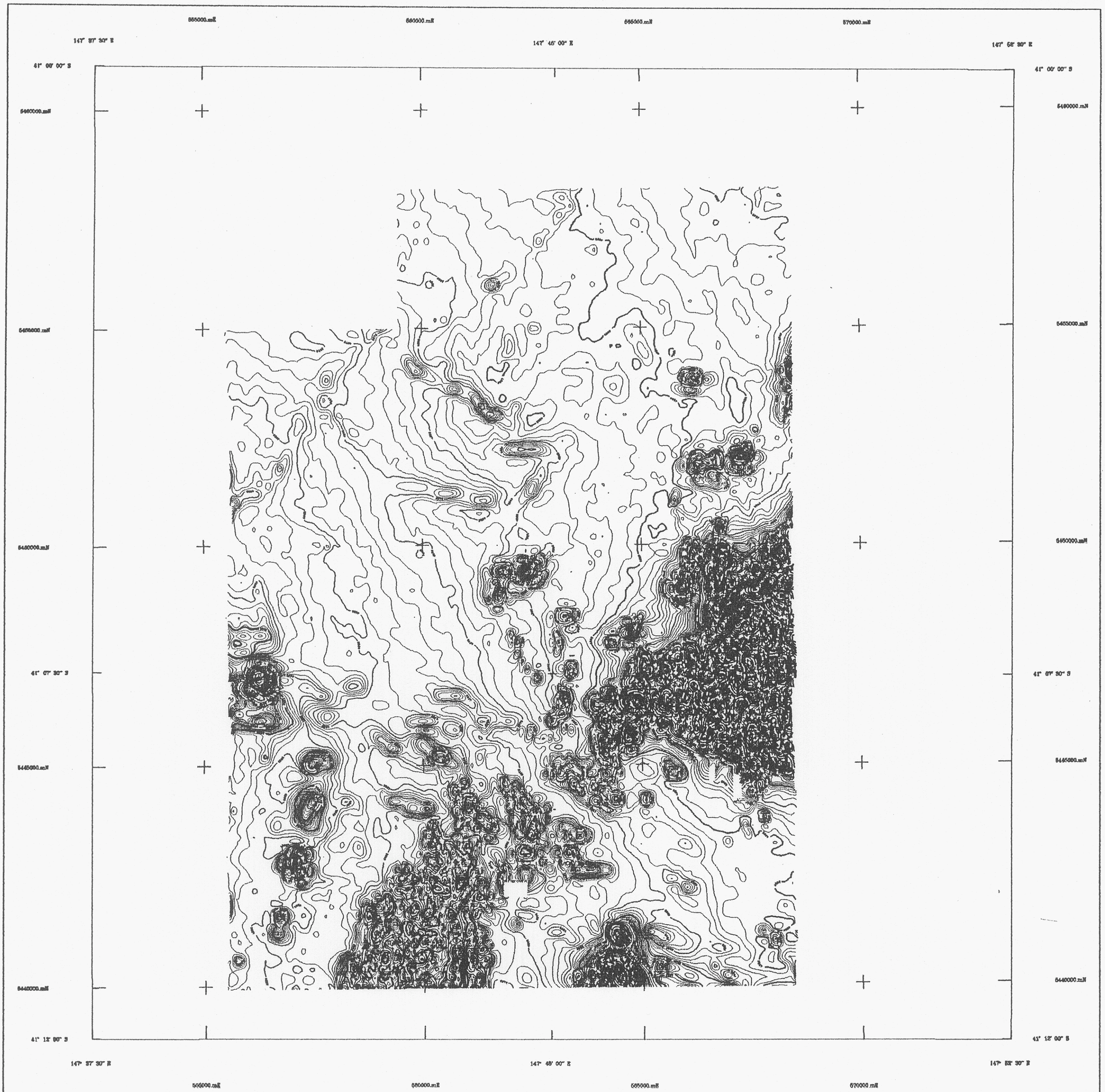
1:50,000 SHEET LOCATION



1:50,000 AIRBORNE GEOPHYSICAL SERIES

MT HORROR SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR82D |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Seperation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Seperation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value and a
constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Mt Horror Aeromagnetic Survey

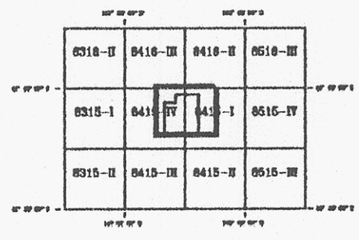
Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

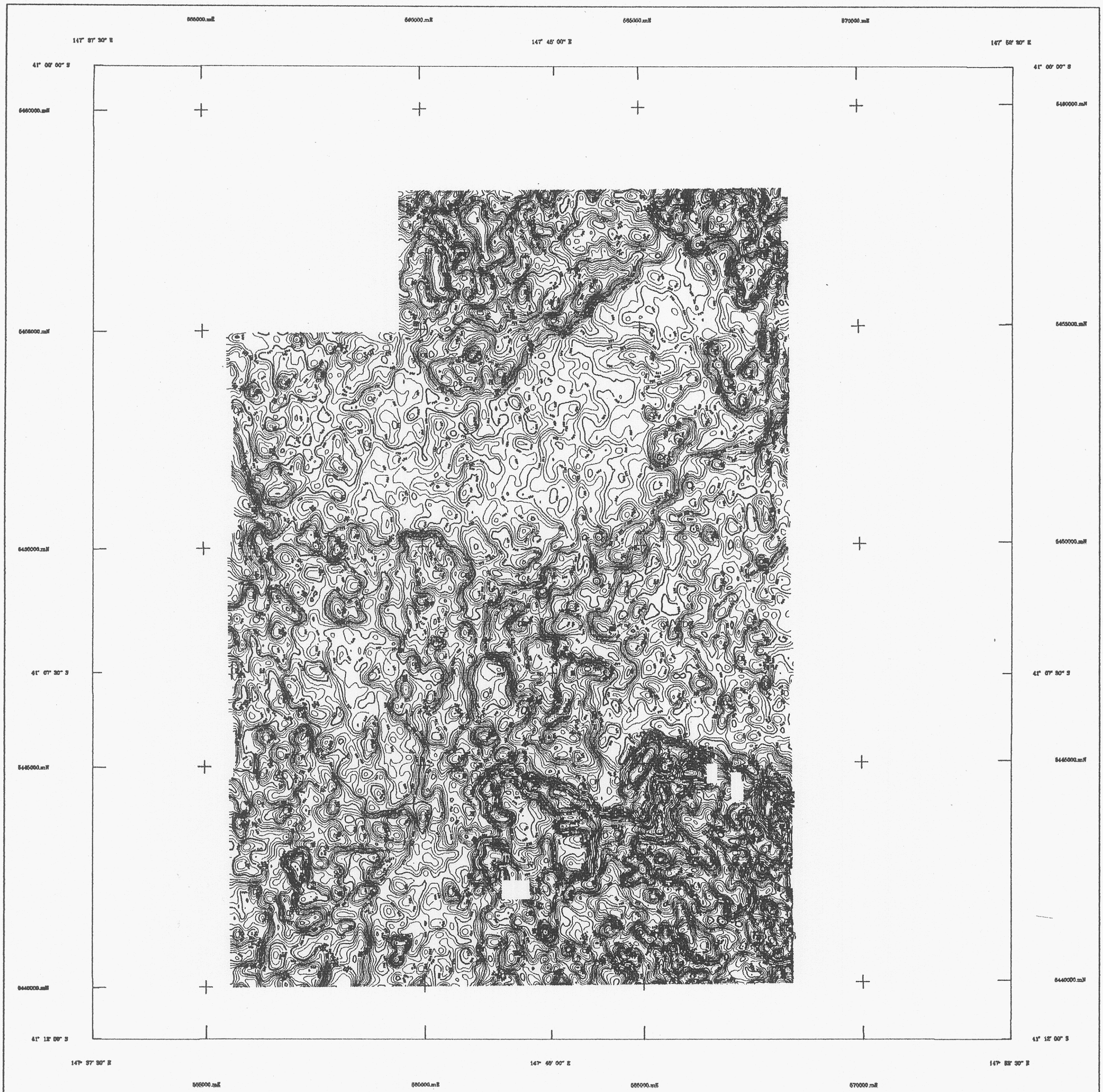
1:50,000 SHEET LOCATION



1:50,000 AIRBORNE GEOPHYSICAL SERIES

MT HORROR SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 80 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 80 metres,
minimum height of 80 and a maximum of 300 metres.

Grid Mesh 56 x 56 metres

For the purpose of contouring a 3x3 average
convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Mt Horror Aeromagnetic Survey

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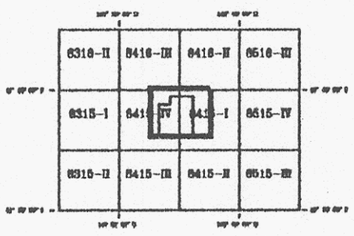
SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION



# APPENDIX 2

## INDEX OF DELIVERED MAPS

Enclosed Maps
- Flight Path
- Total Magnetic Profiles Traverse's
- Total Magnetic Profiles Tie's
- Total Magnetic Contours
- Total Count Contours

Job Number: 9304

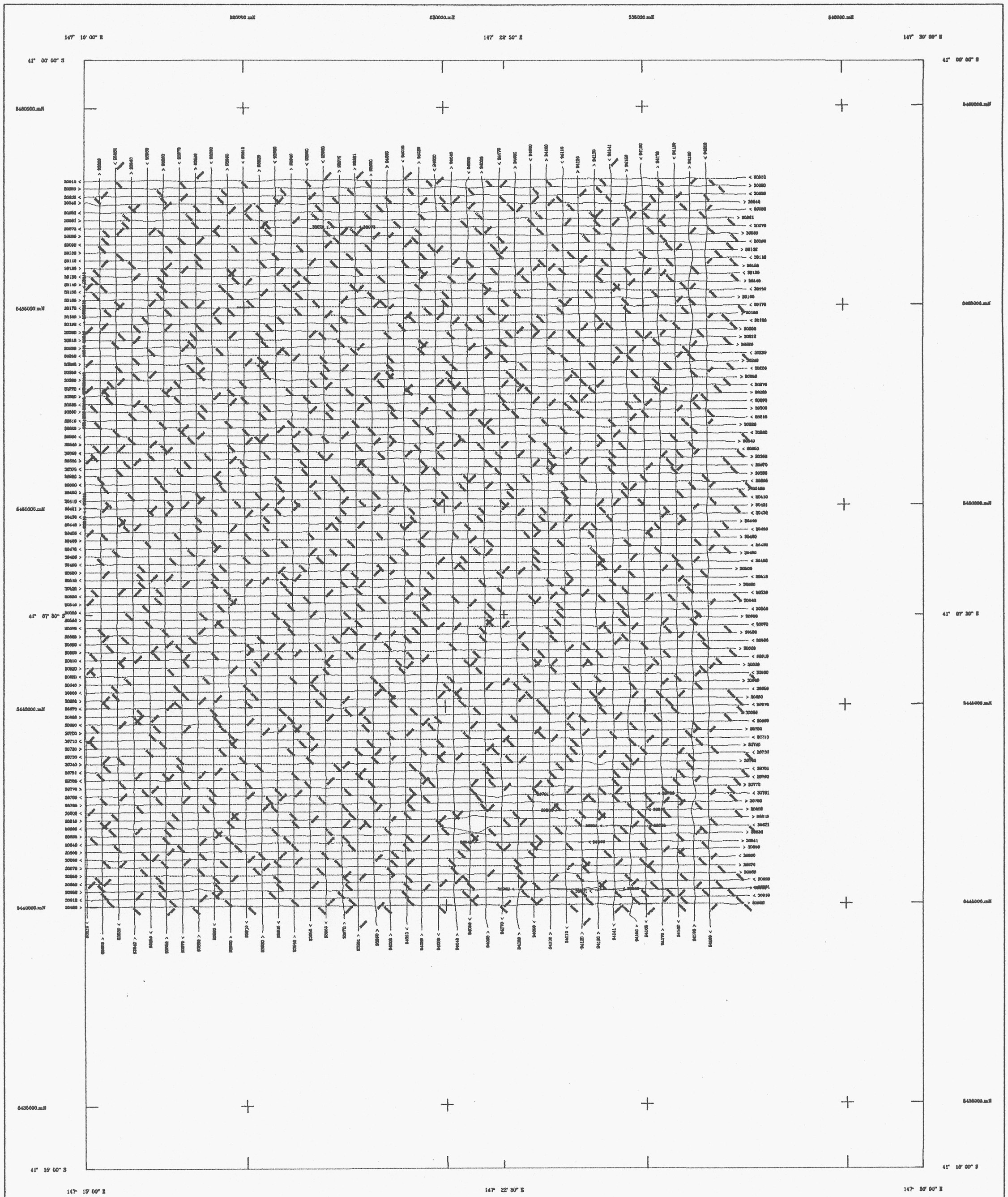
Survey Area: Pipers River

Area: 3

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FSH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8L downward array |
| Spectrometer Samples Interval | 1.0 Seconds (approx 30 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 .1' 36.017" E 147 24" 30.210"

Every 500 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Pipers River Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

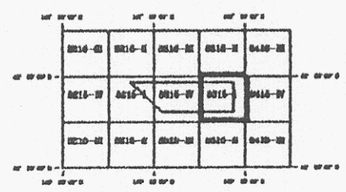
SCALE 1:50,000

1 0 1 2 3 4

Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION




8315-I

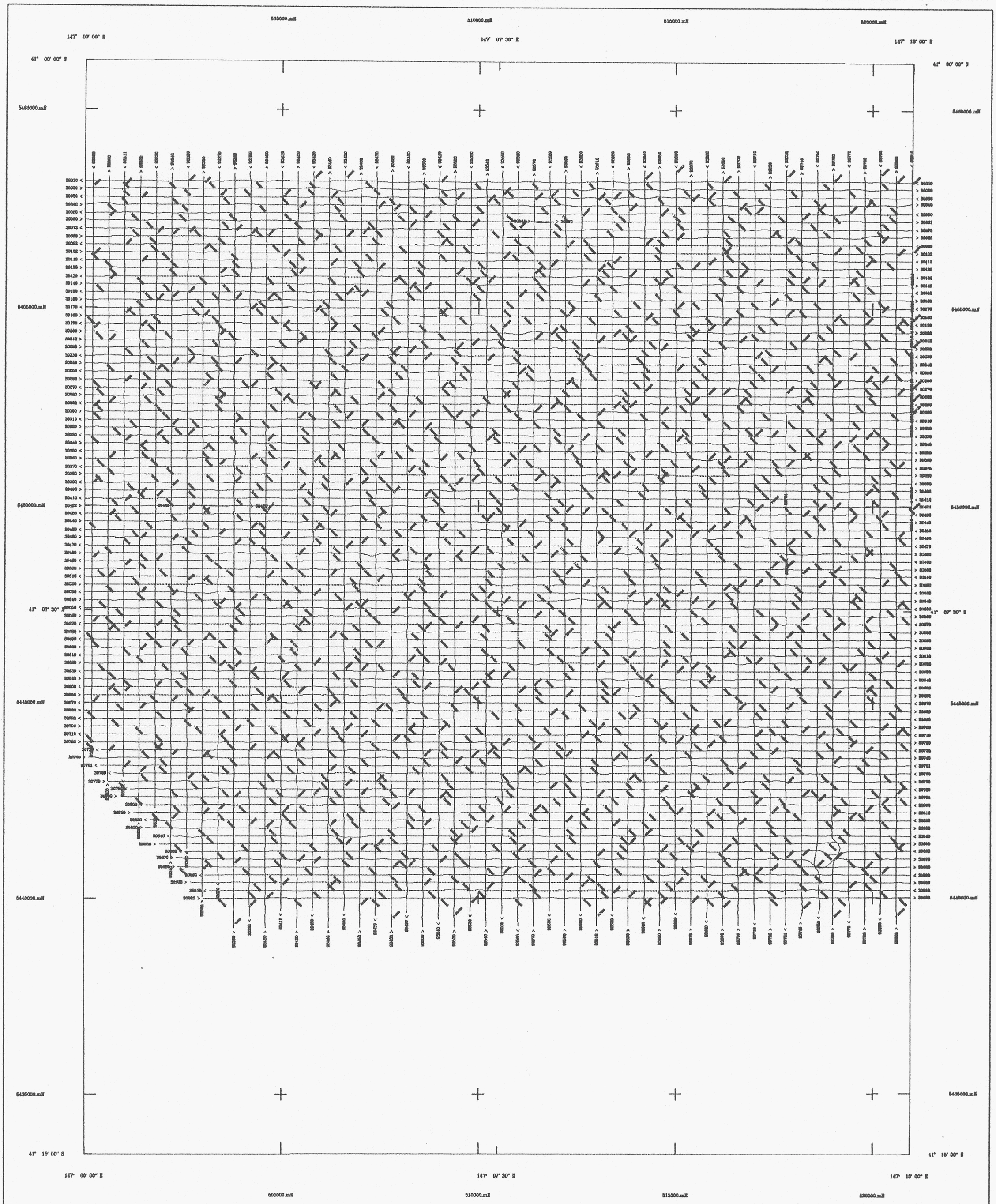
N

Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FRH |
| Magnetometer | GeometricsG833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8L downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 30 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 .1' 28.017" E 147 24" 20.815"

Every 500 th fiducial annotated

Grid notation refers to Australian Map Grid Zone 55

# Pipers River Aeromagnetic Survey

Tasmania Development and Resources
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October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

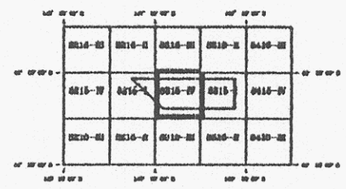
SCALE 1:50,000

1 0 1 2 3 4

Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION




8315-IV

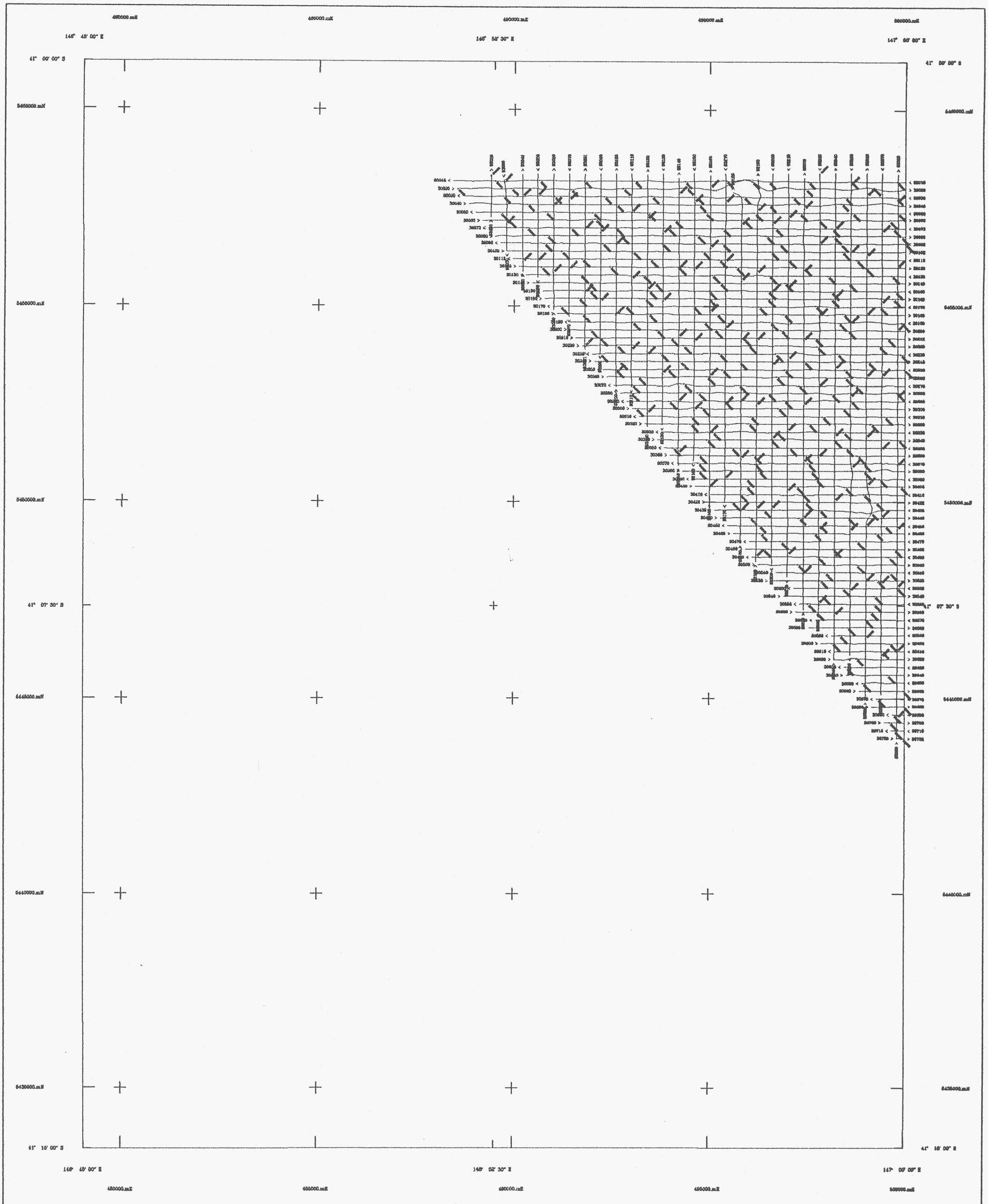
N

Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

FLIGHT PATH
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight line Direction | 096 - 276 degrees |
| Flight line Separation | 200 metres |
| Tie line Direction | 000 - 180 degrees |
| Tie line Separation | 400 metres |
| Terrain Clearance | 80 metres (MTC) |

FLIGHT PATH PROCESSING

Flight path calculated from differentially corrected GPS Data using an Novatel GPS Reciever

GPS navigation data differentially corrected in real time.

GPS Base Station Base at S 41 .1' 36.817" E 147 54" 20.810"

Every 550 th fiducial annotated.

Grid notation refers to Australian Map Grid Zone 55

# Pipers River Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
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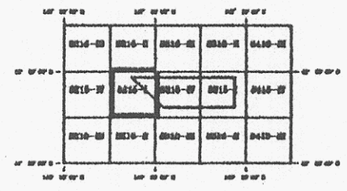
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

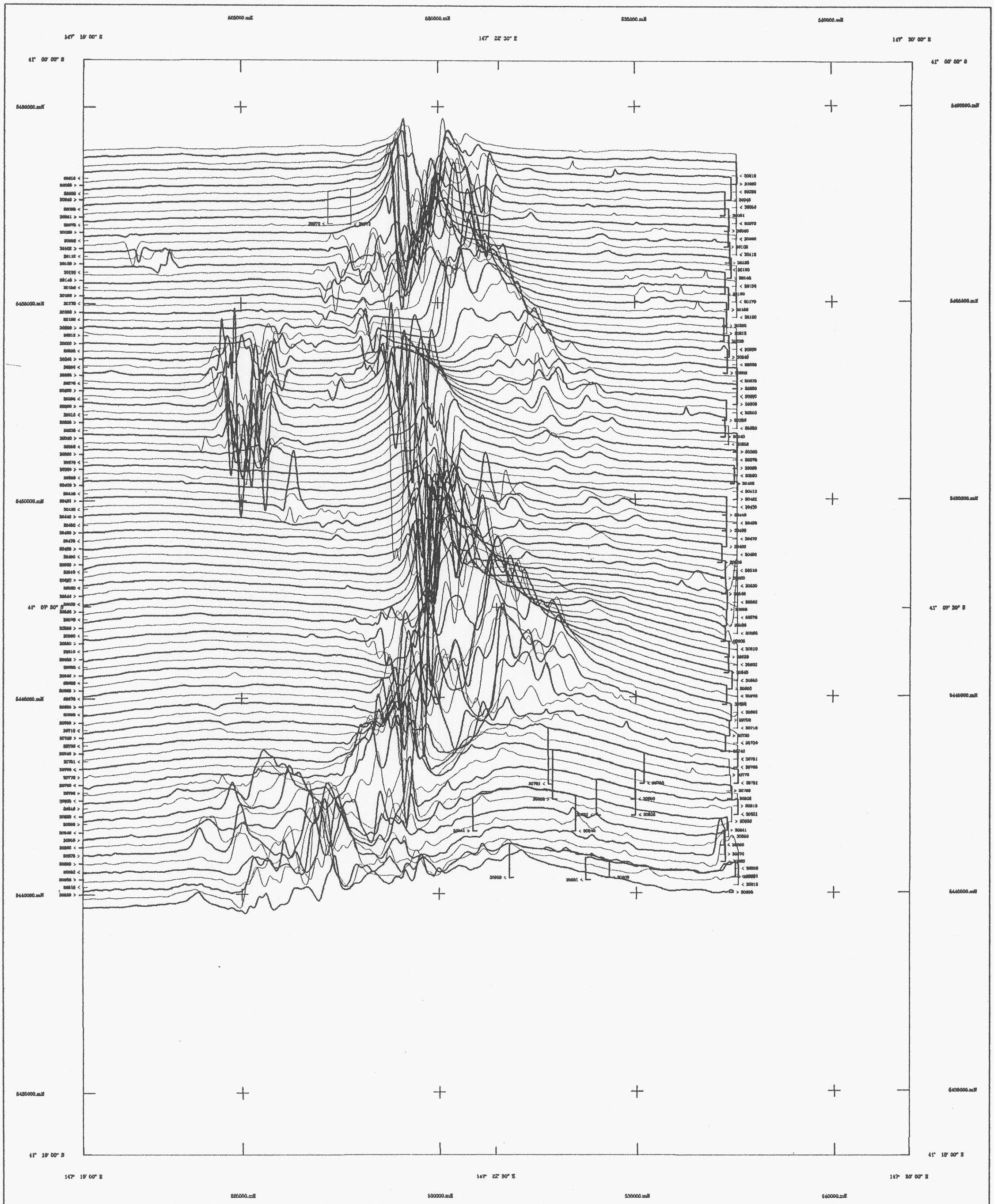



N
Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FSH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 50000 nT
Vertical Scale 50 nT / cm

# Pipers River Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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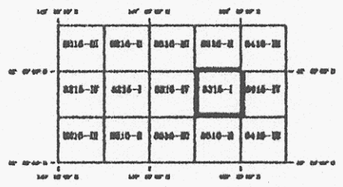
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

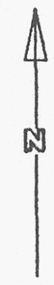
SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION



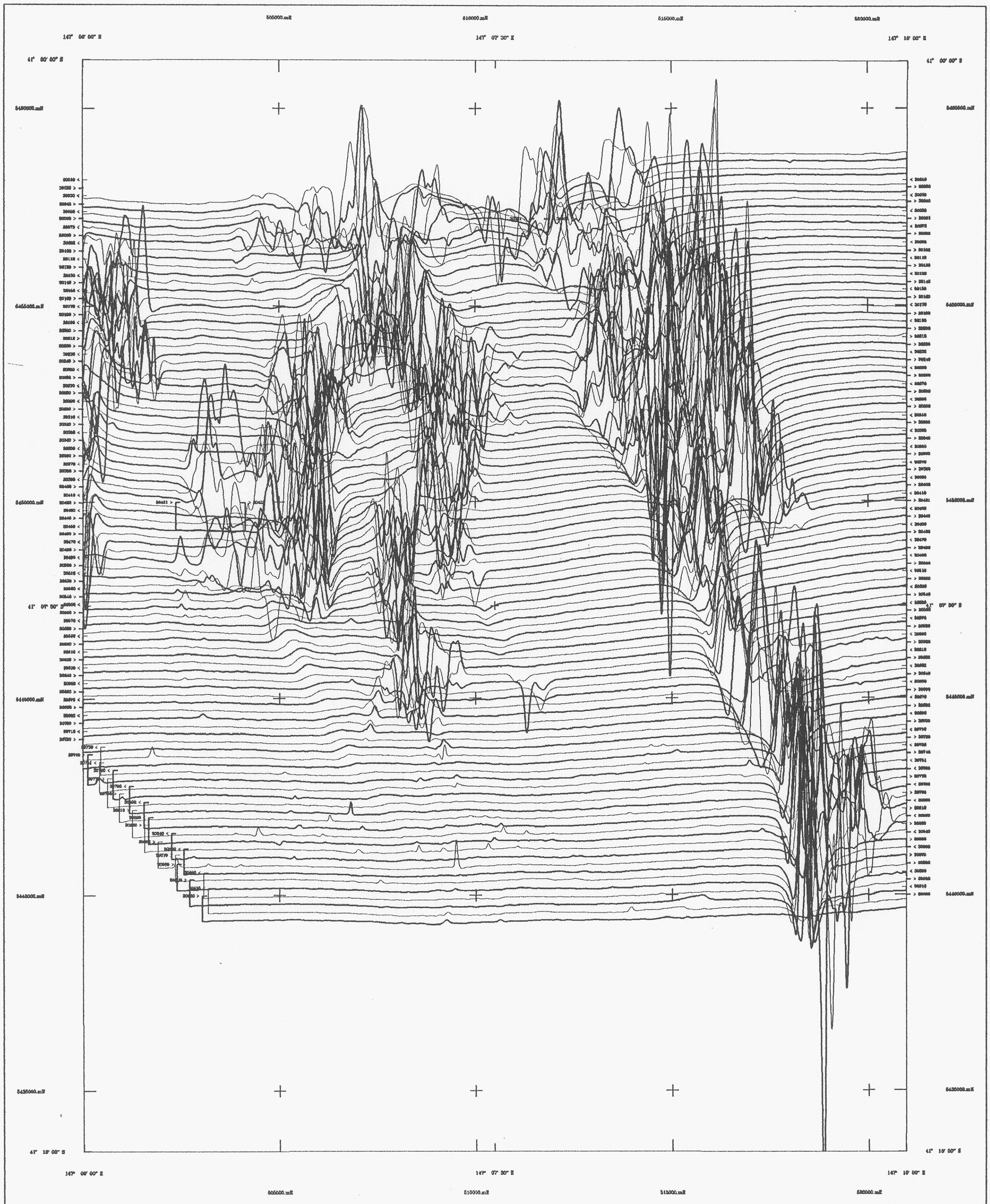

8315-I



1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




## AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FBH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 9000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (aprox 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

## AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

## TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.0 removed
Average survey base station value added to datum

Datum Base Value 5000 nT
Vertical Scale 50 nT / cm

# Pipers River Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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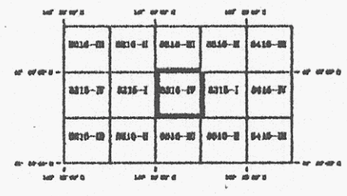
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION



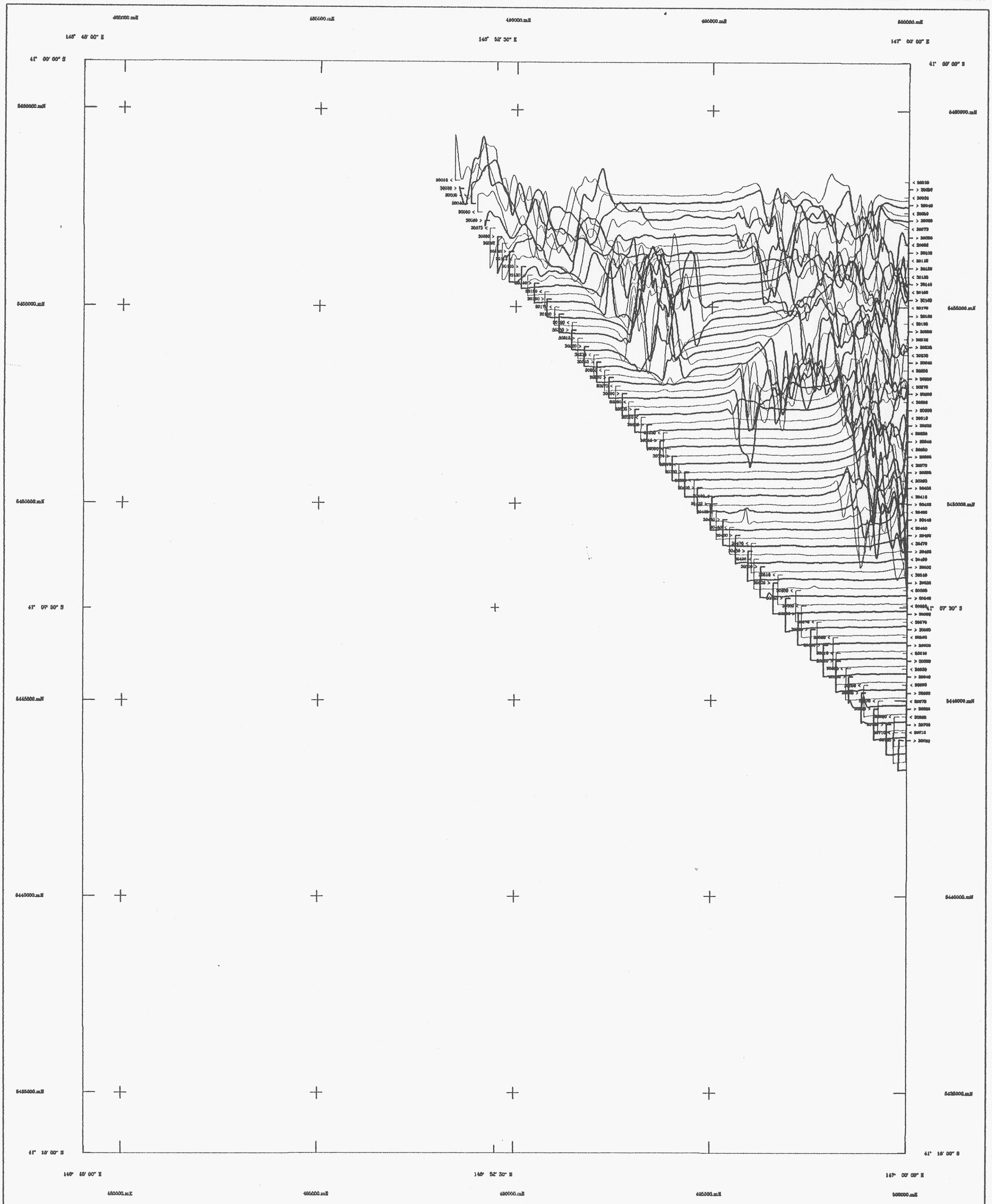

8315-IV

N
Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-PBH |
| Magnetometer | Geometrics G822 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.8 removed
Average survey base station value added to datum

Datum Base Value 50000 nT
Vertical Scale 50 nT / cm

# Pipers River Aeromagnetic Survey

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Minerals Resources Tasmania
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October - November 1993

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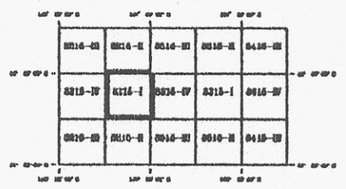
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION



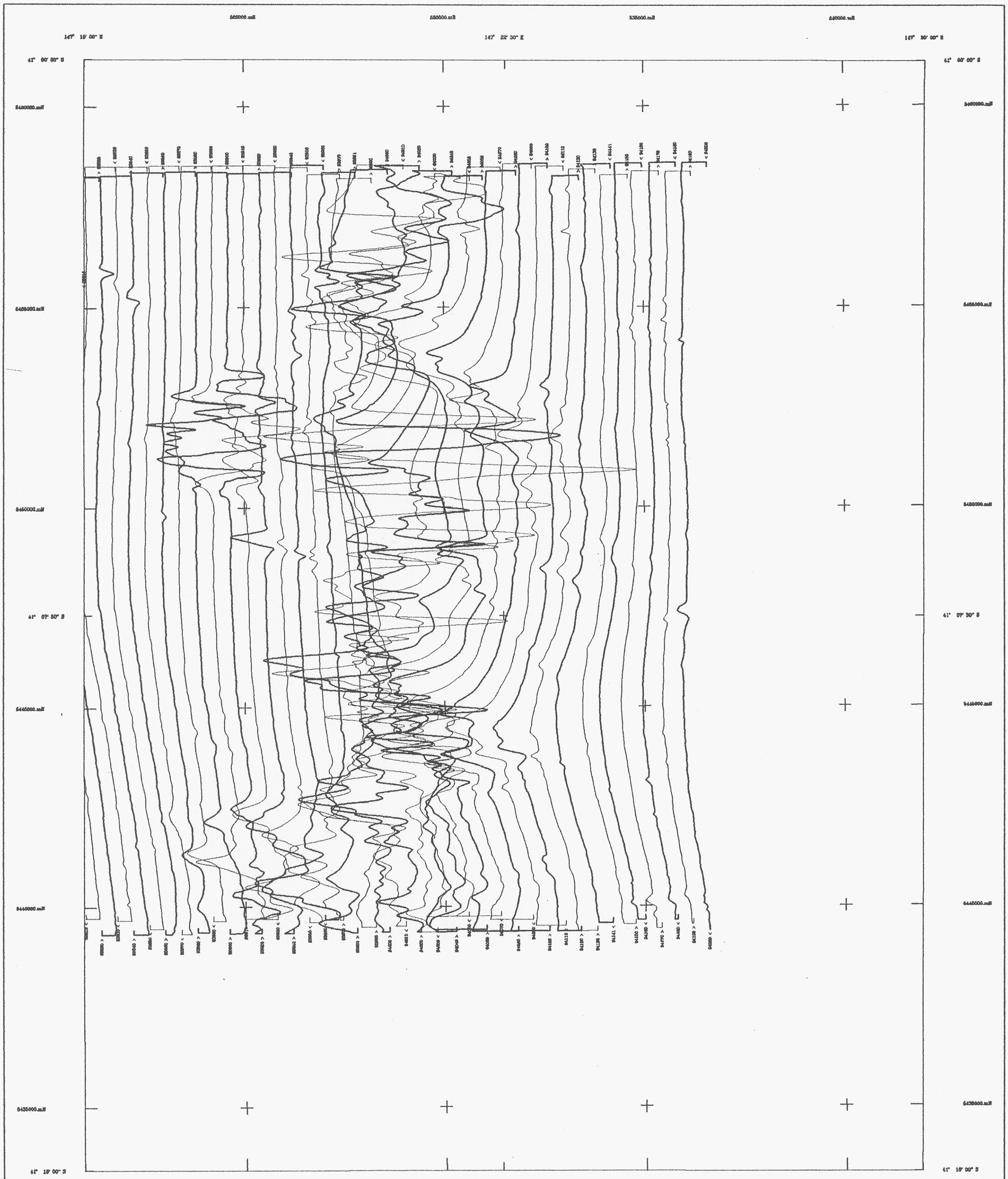

8215-I

N
Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FSH |
| Magnetometer | Geometrics G822 Caesium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 3000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR256 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 5000 nT
Vertical Scale 50 nT / cm

# Pipers River Aeromagnetic Survey

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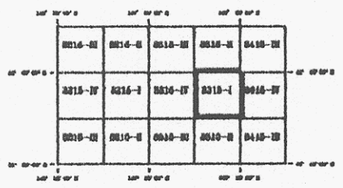
SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION



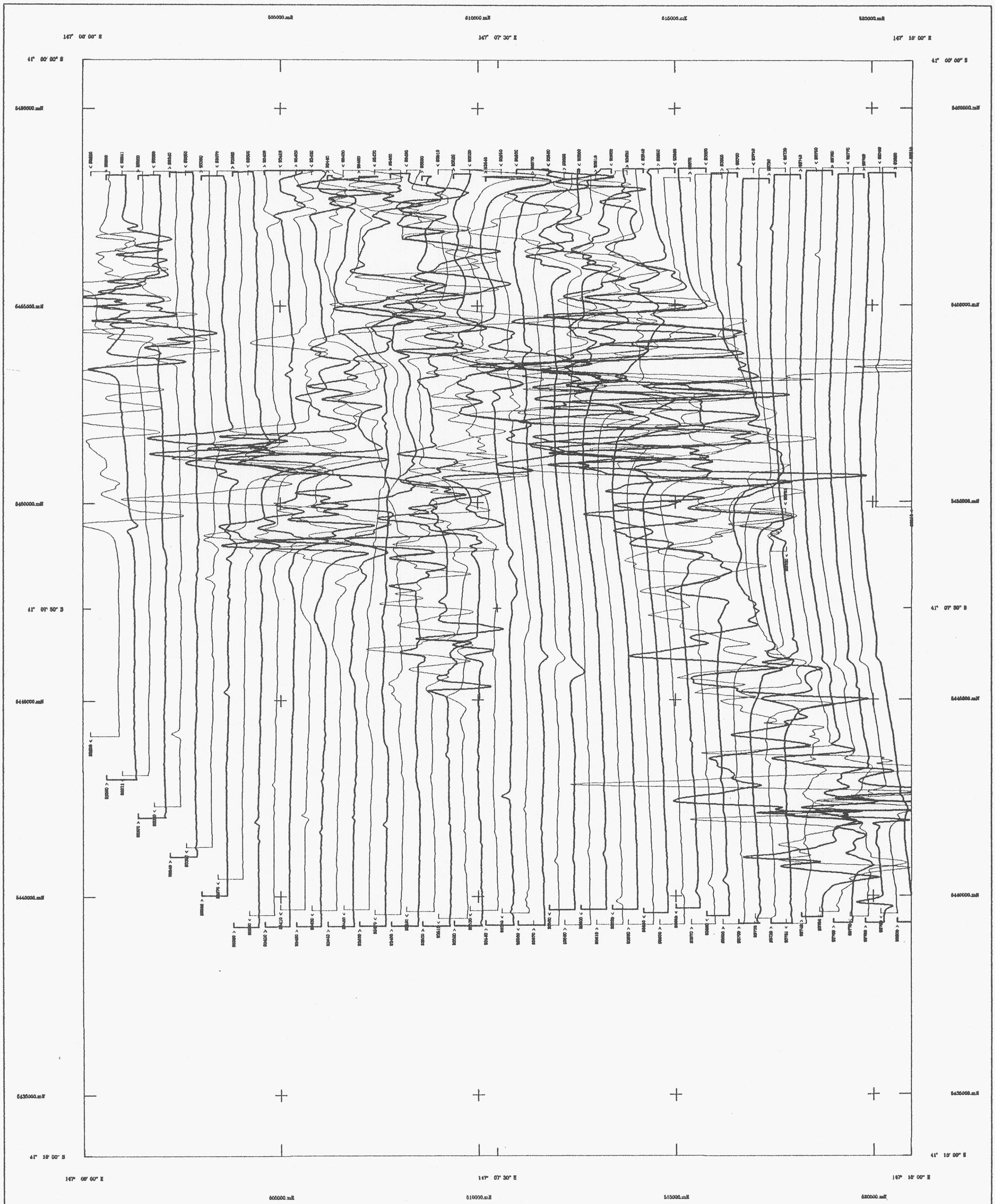

8315-I

N
Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-PSH |
| Magnetometer | Geometrics G822 Caesium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 9000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.8 removed
Average survey base station value added to datum

Datum Base Value 5000 nT
Vertical Scale 50 nT / cm

# Pipers River Aeromagnetic Survey

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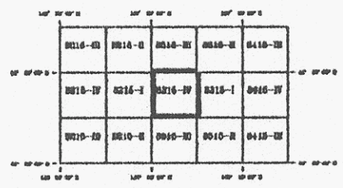
SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION



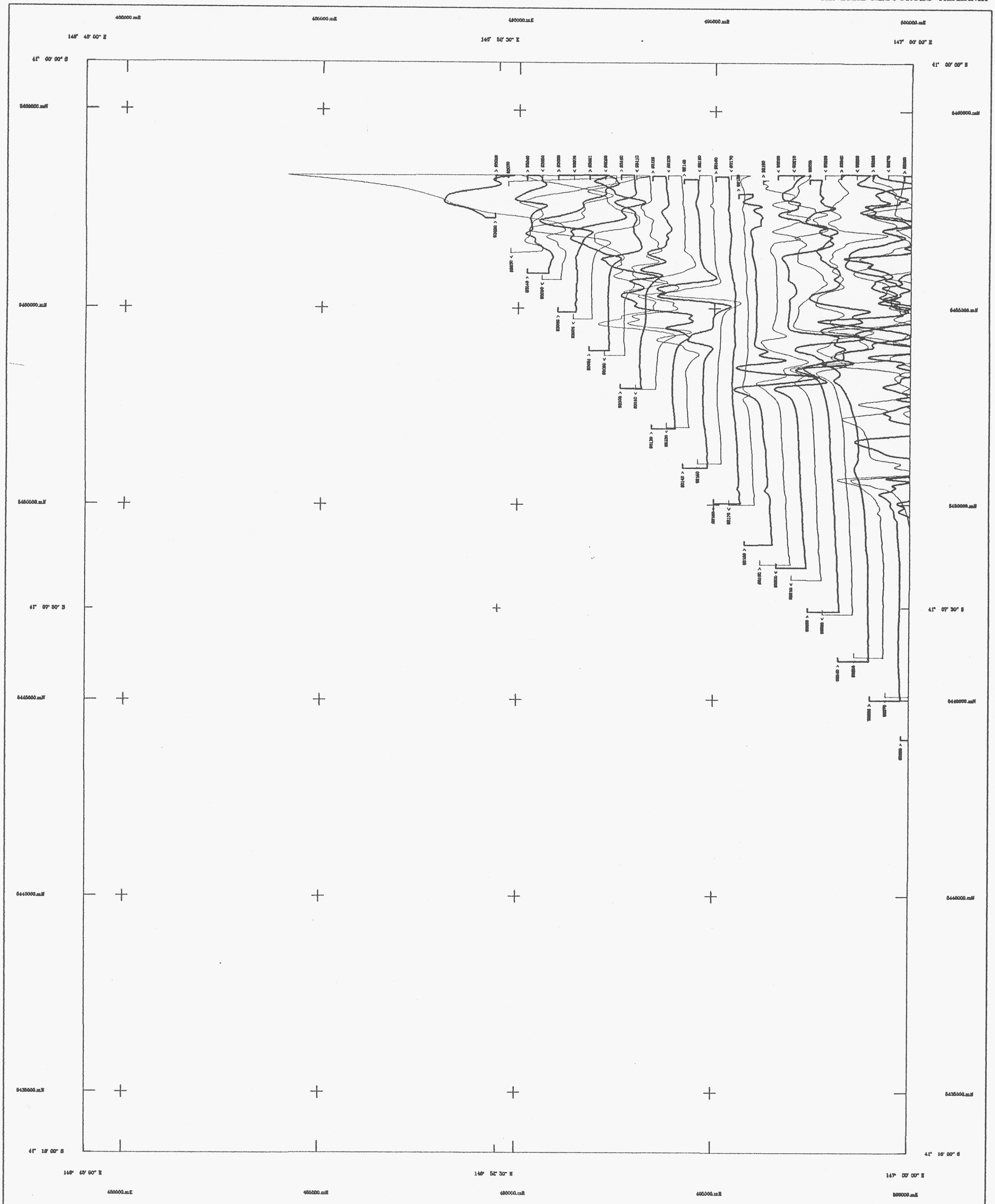

8315-IV

N
Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FSH |
| Magnetometer | Geometrics G823 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 5000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR260 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value added to datum

Datum Base Value 5000 nT
Vertical Scale 50 nT / cm

# Pipers River Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION



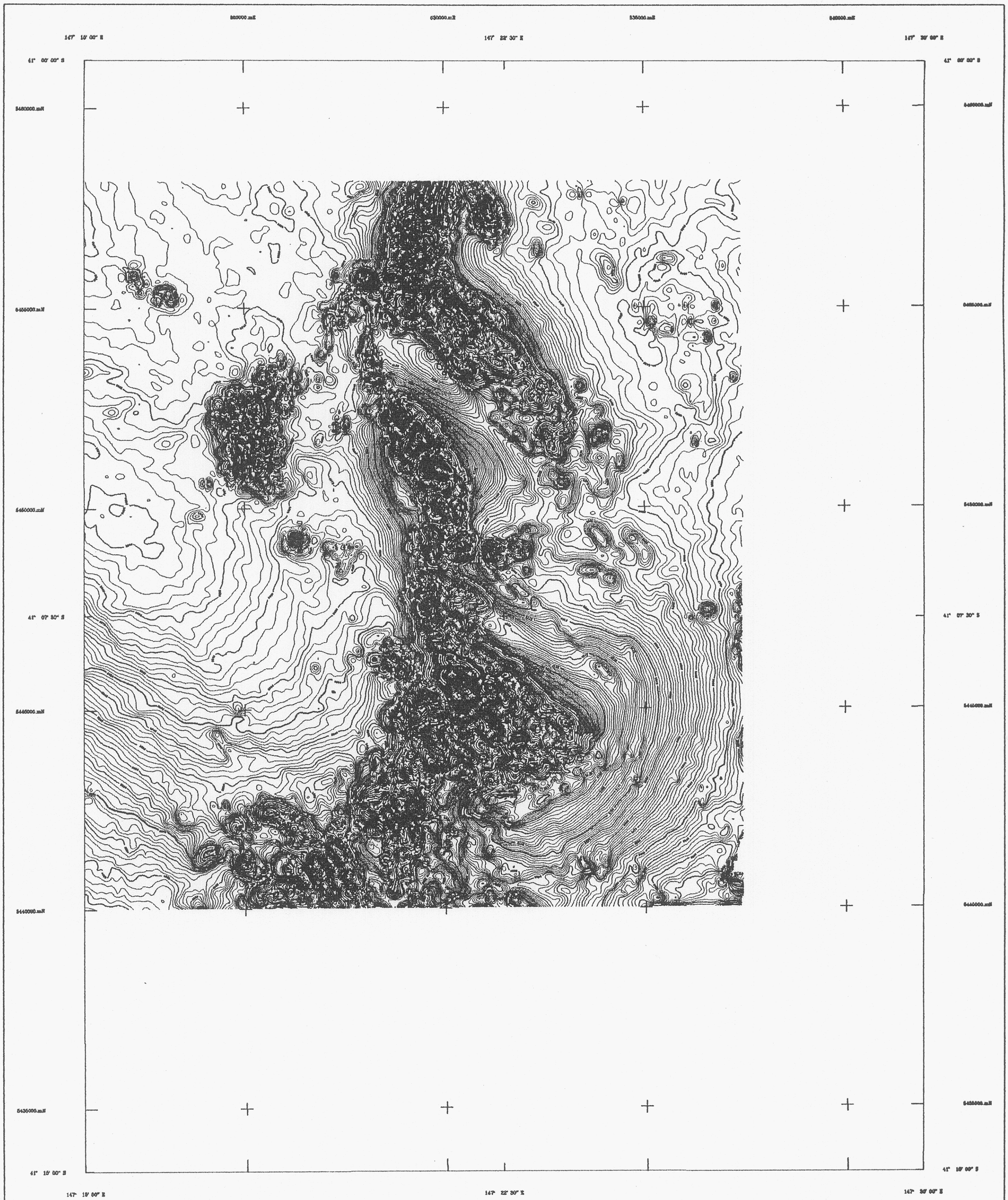

8215-I

N
Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FKH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.6 removed
Average survey base station value and a constant of 5000 nY added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Pipers River Aeromagnetic Survey

Tasmania Development and Resources
Minerals Resources Tasmania
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October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

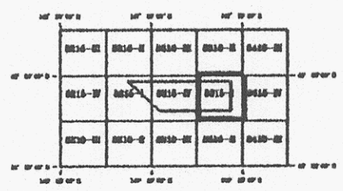
SCALE 1:50,000

1 0 1 2 3 4

Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

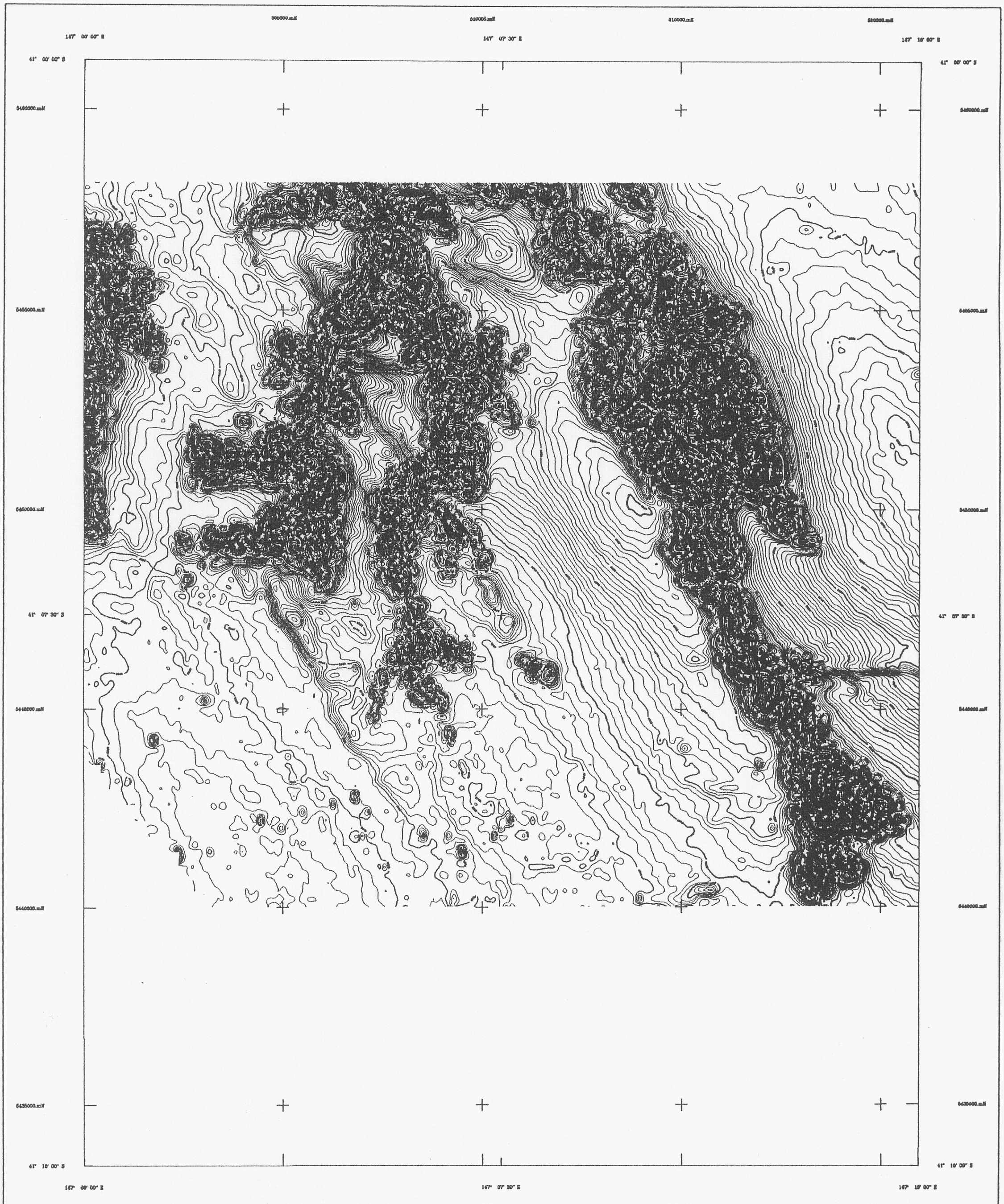



8315-I

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FEH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 30 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.5 removed
Average survey base station value and a
constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Pipers River Aeromagnetic Survey

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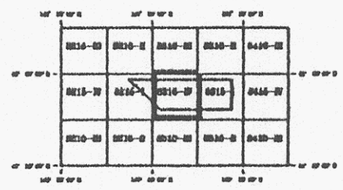
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION

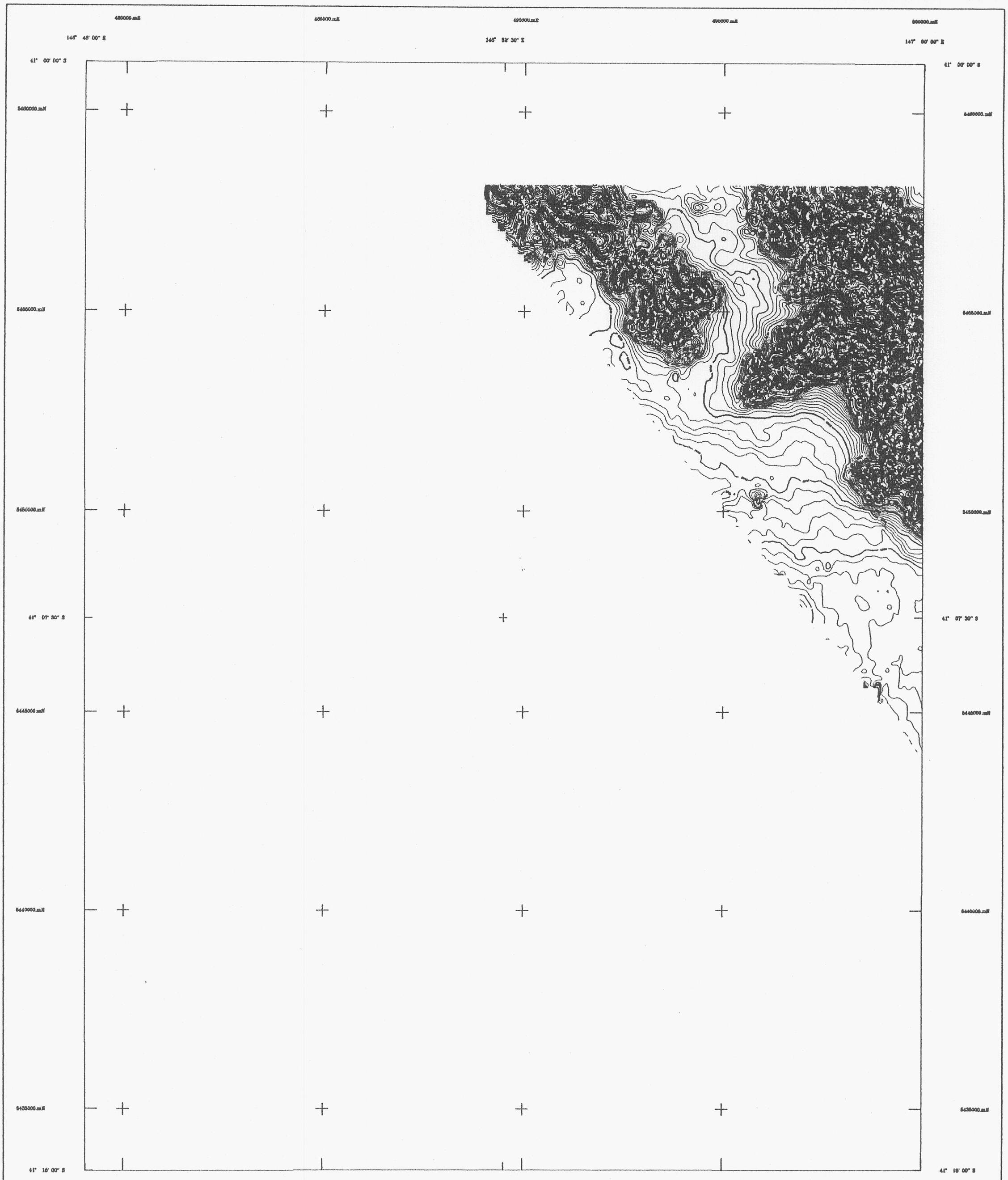



8315-IV

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - 3 VH-FHH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 25 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.6 removed
Average survey base station value and a
constant of 5000 nT added to datum

Grid mesh 50 x 50 metres

Contour Interval 2, 10, 50, 250, 1000 nT

# Pipers River Aeromagnetic Survey

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Minerals Resources Tasmania

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October - November 1993

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Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000

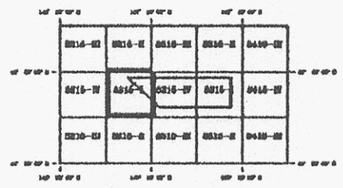
1 0 1 2 3 4

Kilometres

MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION




8215-I

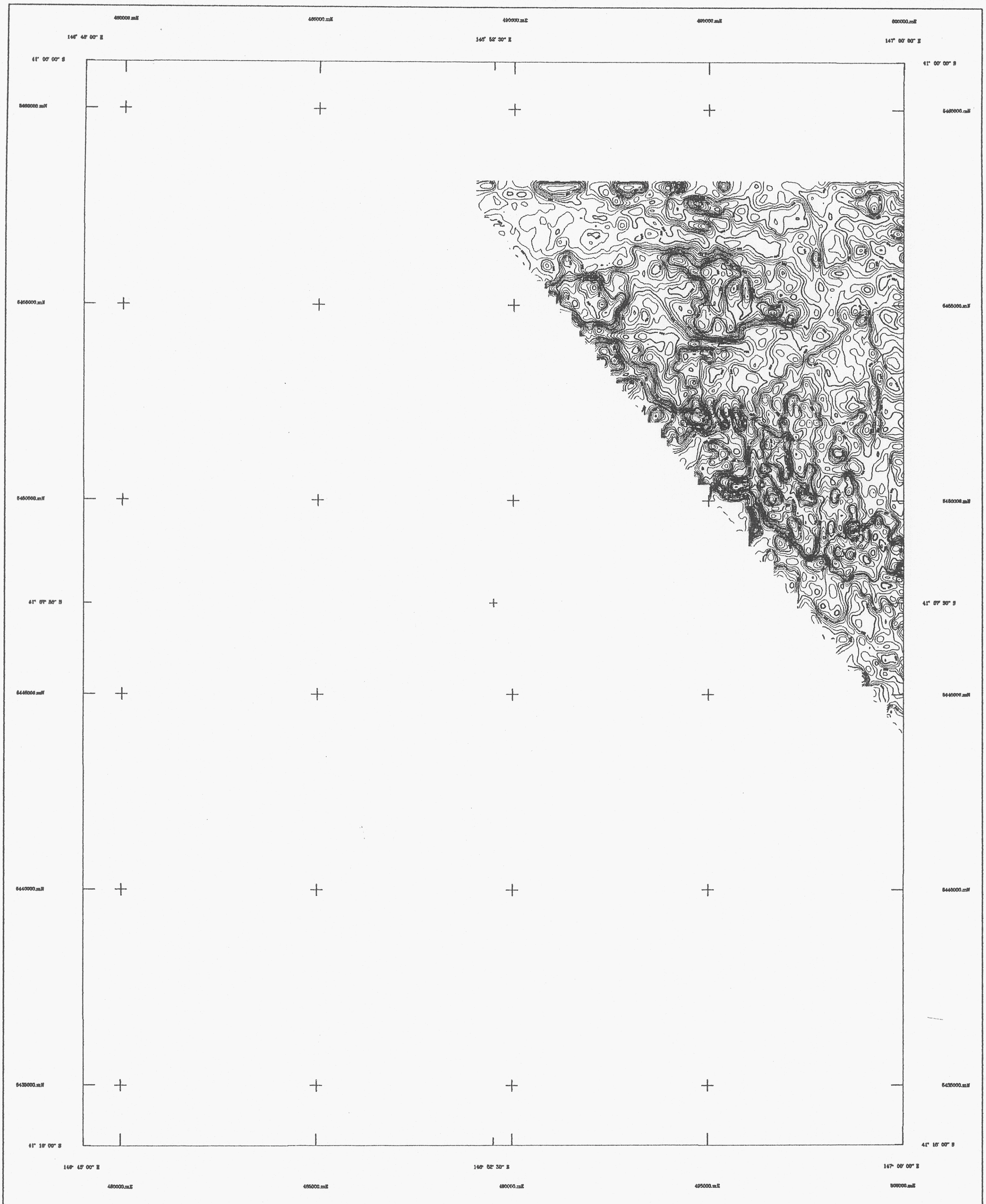
N

Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FEH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| (Crystal) Type | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 60 metres,
minimum height of 20 and a maximum of 300 metres.

Grid Mesh 25 x 25 metres

For the purpose of contouring a 3x3 average
convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Pipers River Aeromagnetic Survey

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Minerals Resources Tasmania
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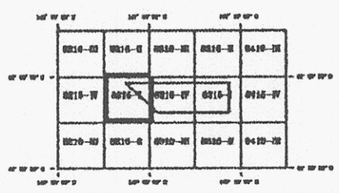
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

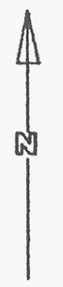
SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION



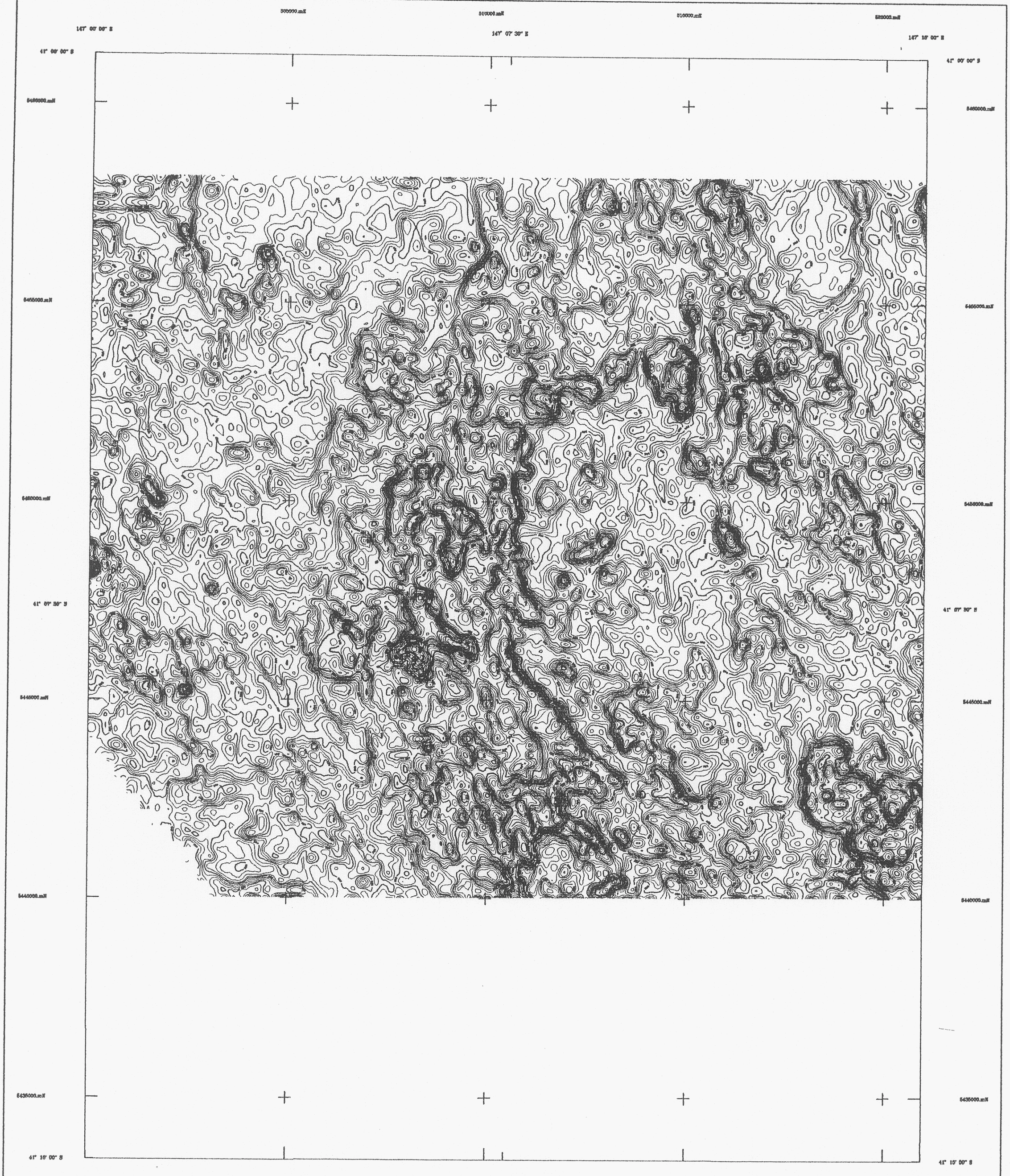

8215-I



1:50,000 AIRBORNE GEOPHYSICAL SERIES

# PIPERS RIVER SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




## AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 – B VH–FBR |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.20 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 30 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

## AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 – 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 – 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

## TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 80 metres,
minimum height of 20 and a maximum of 300 metres.

Grid Mesh 25 x 25 metres

For the purpose of contouring a 3x3 average
convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Pipers River Aeromagnetic Survey

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October – November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000

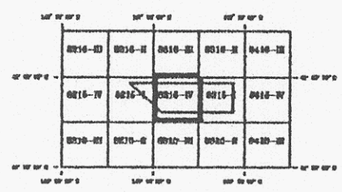
1 0 1 2 3 4

Kilometres

MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION




8315–IV

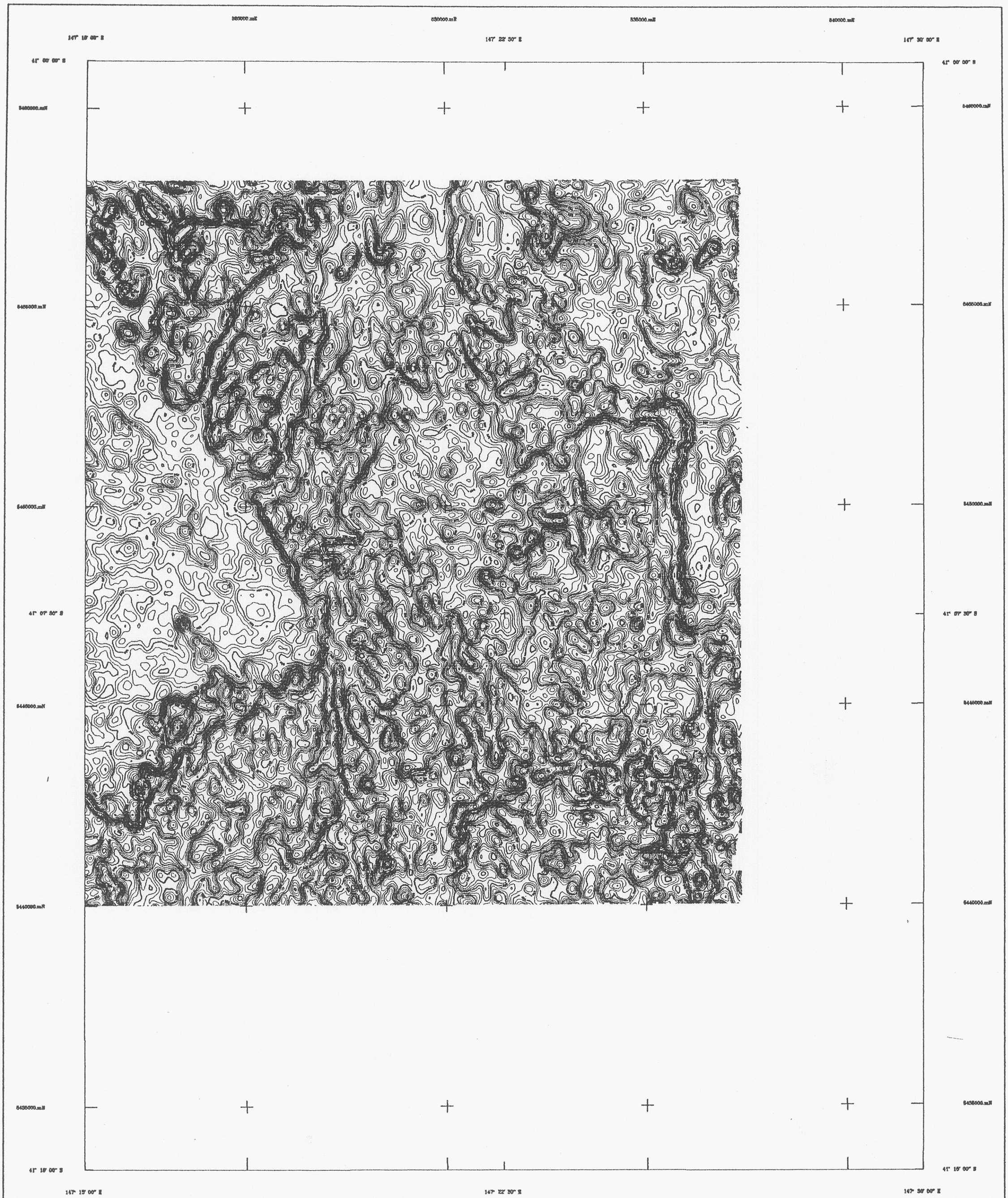
N

Grid North

1:50,000 AIRBORNE GEOPHYSICAL SERIES

PIPERS RIVER SURVEY

TOTAL COUNT CONTOURS
MINERAL RESOURCES TASMANIA




AIRBORNE SURVEY EQUIPMENT

| | |
|---|---|
| Aircraft | Bell 206 - B VH-FBH |
| Magnetometer | Geometrics G833 Helium Vapour |
| Magnetometer Resolution | 0.01 nT |
| Magnetometer Sample Interval | 0.22 seconds |
| Data Acquisition | Geo Instruments Model 2000 |
| Data Recording | 1.44 Mb floppy disks |
| Spectrometer | Exploranium GR820 |
| Crystal Size | 16.8lt downward array |
| Spectrometer Sample Interval | 1.0 Seconds (approx 35 metres) |
| Flight Path Record | VHS Colour Video System |
| GPS Navigation System | Novatel GPS Receiver |

AIRBORNE SURVEY SPECIFICATIONS

| | |
|---|---|
| Flight Line Direction | 090 - 270 degrees |
| Flight Line Separation | 200 metres |
| Tie Line Direction | 000 - 180 degrees |
| Tie Line Separation | 400 metres |
| Terrain Clearance | 60 metres (MTC) |

TOTAL COUNT CONTOURS

Data has been corrected for aircraft and cosmic backgrounds.
Height corrected to a constant datum of 80 metres,
minimum height of 20 and a maximum of 300 metres.

Grid Mesh 25 x 25 metres

For the purpose of contouring a 3x3 average
convolution filter has been applied to the grid.

Contour Interval 25, 100, 500, 1000 cps

# Pipers River Aeromagnetic Survey

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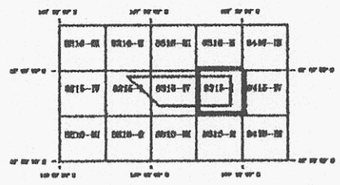
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania

SCALE 1:50,000
1 0 1 2 3 4
Kilometres
MAP GRID ZONE 55

SPHEROID : Australian National
PROJECTION: Universal Transverse Mercator

1:50,000 SHEET LOCATION




N
Grid North

# APPENDIX 3

## RAW FLIGHT LOGS

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Fingal |
| Area: | 1 |
| Flight: | 32 - 44 |

Day 291

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 1
Flight 32
Date 18 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH FHB
Pilot Peter
Co-Pilot
Operator S. Adams
Dataman

Airport
Take off Land 17.40
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| TST C | 7596 | 7710 | 17.25 | 17.27 | | | | | |
| ALT | 7711 | 7790 | 17.27 | 17.28 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 7791 | 79 | 17.45 | 17.47 | | | | | |
| TH | | 8050 | 17.48 | 17.50 | | | | | |
| VH | 8051 | 8185 | 17.51 | 17.53 | | | | | |
| GND | 8186 | 8295 | 17.54 | 1756 | | | | | |

Day 291

# GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)
## OPERATORS FLIGHT REPORT

Job No. 9304
Area 1
Flight 32
Date 18 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH. ~~BHB~~ FHB
Pilot Peter Franks.
Co-Pilot
Operator S. Adams
Dataman

Airport
Take off 14-50 Land
Flight time
Mag. Sens. F/S ... / ...
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | | Digital Mult. No. | |
|---|---|---|---|---|
| K40 | | CTS | | Mlt. |
| Bi214 | | CTS | | Mlt. |
| TL208 | | CTS | | Mlt. |
| TC | | CTS | | Mlt. |
| Sample Rate | | | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 0 | 115 | 14.05 | 14.10 | | | | | |
| Th | 116 | 245 | 14.32 | 14.34 | | | | | |
| Un | 246 | 370 | 14.35 | 14.37 | | | | | |
| GND | 371 | 520 | 14.38 | 14.40 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TST L | 521 | 630 | 14.53 | 14.56 | | | | | |
| ALT BGND | 631 | 740 | 14.56 | 14.59 | | | | | |
| | | | | | | | | | |
| T123 | 741 | 805 | 15.05 | 15.06 | | | | | |
| T122 | 806 | 890 | 15.07 | 15.08 | | | | | |
| T121 | 891 | 1105 | 15.09 | 15.12 | | | | | |
| T120 | 1106 | 1325 | 15.13 | 15.17 | | | | | |
| T119 | 1326 | 1590 | 15.18 | 15.22 | | | | | |
| T118 | 1591 | 1855 | 15.23 | 15.27 | | | | Around Town | |
| T117 | 1856 | 2210 | 15.28 | 15.34 | | | | " | |
| T116 | 2211 | 2575 | 15.34 | 15.41 | | | | " | |
| T115 | 2576 | 3110 | 15.41 | 15.50 | | | | " | |
| T116 | 3111 | 3150 | 15.51 | 15.52 | | | | | |
| T117 | 3151 | 3186 | 15.52 | 15.53 | | | | | |
| T118 | 3181 | 3236 | 15.54 | 15.55 | | | | | |
| T114 | 3236 | 3825 | 15.56 | 16.06 | | | | Around Town | |
| T113 | 3826 | 4385 | 16.07 | 16.16 | | | | " | |
| T112 | 4386 | 4985 | 16.17 | 16.26 | | | | | |
| L81 | 4986 | 5595 | 16.31 | 16.41 | | | | | |
| L82 | 5596 | 6235 | 16.42 | 16.51 | | | | RTCM. | |
| L83 | 6236 | 6925 | 16.53 | 17.06 | | | | | |
| L84 | 6926 | 7595 | 17.07 | 17.18 | | | | | |

DY 292

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 1
Flight F 33
Date 19 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH FHB
Pilot Peter Franks
Co-Pilot
Operator S. T. ATKINSON
Dataman S. ADAMS

Airport German Town
Take off Land 1235
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 8297 | 8420 | 8.35 | 8.37 | | | | | |
| TL | 8421 | 8546 | 8.38 | 8.40 | | | | | |
| UL | 8546 | 8670 | 8.41 | 8.43 | | | | | |
| GND | 8671 | 8875 | 8.45 | 8.48 | | | | | |
| | | | | | | | | | |
| | 8877 | | | | | | | | |
| TST L | ~~8876~~ | 8995 | 0921 | 0923 | | | | | |
| ALT B | 8996 | 9040 | 0923 | 0924 | | | | | |
| | | | | | | | | | |
| L85W | 9041 | 9740 | 0927 | 0941 | | | | | |
| L86E | 9741 | 10390 | 0943 | 0953 | | | | | |
| L87W | 10391 | 11120 | 0954 | 1006 | | | | | |
| L88E | 11121 | 11740 | 1008 | 1018 | | | | | |
| L89W | 11741 | 12465 | 1019 | 1031 | | | | 3 x VHF TX | |
| L90E | 12466 | 13055 | 1032 | 1042 | | | | | |
| L91W | 13056 | 13765 | 1043 | 1055 | | | | | |
| L92E | 13766 | 14315 | 1056 | 1105 | | | | | |
| L93W | 14316 | 15100 | 1112 | 1125 | | | | | |
| L94E | 15101 | 15690 | 1126 | 1136 | | | | | |
| L95W | 15691 | 16405 | 1137 | 1148 | | | | | |
| L96W | 16406 | 16930 | 1151 | 1159 | | | | ON AT E83729 | |
| L96E | 16931 | 17575 | 1205 | 1216 | | | | OFF E570200 | |
| | | | | | | | | ON @ E582600 | |
| T1115 | 17577 | 18080 | 1220 | 1228 | | | | | |
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Day 292

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 1
Flight 34
Date 19 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH FHB
Pilot Peter Franks
Co-Pilot
Operator S. Adams
Dataman

Airport German Town
Take off 15.29 Land 16.57
Flight time
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| T/10N | 18112 | 18695 | 15.33 | 15.42 | | | | | ✓ |
| L 97W | 18697 | 19841 | 15.45 | 16.04 | | | | | ✓ |
| L 98E | 19841 | 20426 | 16.08 | 16.17 | | | | 584400 | ✓ |
| L 99W | 20427 | 21350 | 16.23 | 16.30 | | | | | ✓ |
| | | | | | | | | | |
| | | | | | | | | | |
| TST C | 21350 | 21480 | 16.47 | 16.49 | | | | | |
| A BGND | 21481 | 21550 | 16.49 | 16.51 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 21551 | 21735 | 17.05 | 17.07 | | | | | |
| Th | 21736 | 21850 | 17.09 | 17.11 | | | | | |
| Un | 21851 | 21960 | 17.12 | 17.14 | | | | | |
| GND | 21961 | 22601 | 17.14 | 17.16 | | | | | |

DY 294

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 35
Date 29 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH- FHB
Pilot P. FRANKS
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMAN TOWN
Take off 0852 Land 1227
Flight time
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 22062 | 22180 | 0902 | 0904 | | | 1025, 125, 25, 30 | | |
| Th | 22181 | 22295 | 0919 | 0921 | | | 1600, 155, 35, 85 | | |
| U | 22296 | 22425 | 0922 | 0924 | | | 3000, 250, 185, 40 | | |
| GND | 22426 | 22535 | 0926 | 0928 | | | 1020, 130, 25, 35 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 23287 | 23450 | 0838 | 0841 | | | | | |
| Th | 23451 | 23550 | 0842 | 0843 | | | | | |
| U | 23551 | 23715 | 0844 | 0847 | | | | | |
| GND | 23716 | 23855 | 0847 | 0850 | | | | | |
| | | | | | | | | | |
| TEST LINE | 23857 | 23975 | 0901 | 0903 | | | | | |
| BKGRND | 23976 | 24045 | 0903 | 0904 | | | | | |
| | | | | | | | | | |
| L100W | 24046 | 25085 | 0908 | 0926 | | | | | |
| L101E | 25086 | 26025 | 0927 | 0942 | | | | | |
| L102W | 26026 | 27190 | 0949 | 1009 | | | | | |
| L103E | 27191 | 28195 | 1010 | 1026 | | | | | |
| L104W | 28196 | 29325 | 1027 | 1046 | | | | | |
| ~~L105E~~ | ~~29326~~ | ~~29450~~ | ~~1047~~ | ~~1049~~ | | | | SCRUB | |
| L105E | 29451 | 30435 | 1052 | 1109 | | | | | |
| L106W | 30436 | 31560 | 1110 | 1128 | | | | | |
| L107E | 31561 | 32555 | 1129 | 1146 | | | | | |
| L108W | 32556 | 33680 | 1153 | 1212 | | | | | |
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DY 294

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 36
Date 21 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 1339 Land 1707
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L109W | | 34730 | 1351 | 1409 | | | | | |
| L110E | 34731 | 35720 | 1409 | 1426 | | | | | |
| L111W | 35721 | 36815 | 1427 | 1445 | | | | | |
| L112E | 36816 | 37820 | 1446 | 1503 | | | | | |
| L113W | 37821 | 38920 | 1503 | 1521 | | | | | |
| L114E | 38921 | 39940 | 1522 | 1539 | | | | | |
| L115W | 39941 | 41035 | 1540 | 1558 | | | | | |
| L116E | 41036 | 41995 | 1559 | 1615 | | | | | |
| L117W | 41996 | 43070 | 1615 | 1633 | | | | | |
| L118E | 43071 | 43995 | 1634 | 1649 | | | | | |
| | | | | | | | | | |
| TESTLINE | | | | | | | | | |
| ~~BKGRND~~ | 43997 | 44105 | 1655 | 1656 | | | | | |
| BKGRND | 44106 | 44180 | 1657 | 1658 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 44181 | 44330 | 1710 | 1712 | | | | | |
| TH | 44331 | 44445 | 1714 | 1716 | | | | | |
| U | 44446 | 44560 | 1717 | 1719 | | | | | |
| GND | 44561 | 44695 | 1720 | 1722 | | | | | |
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DY295

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 37
Date 22 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 1331 Land 18.29
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct.
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| GND | 44697 | 44815 | 1244 | 1246 | | | | | |
| Th | 44816 | 44930 | 1247 | 1249 | | | | | |
| U | 44931 | 45045 | 1250 | 1252 | | | | | |
| GND | 45046 | 45165 | 1253 | 1255 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TESTLINE | 45167 | 45285 | 1337 | 1339 | | | | | |
| BKGRND | 45286 | | 1339 | 1340 | | | | | |
| | | | | | | | | | |
| L119W | | 46695 | 1343 | 1405 | | | | RTCM OUTAGE WESTERN END | |
| L120E | 46696 | 48255 | 1419 | 1445 | | | | RTCM OUTAGES WESTERN END | |
| L121W | 48256 | 49770 | 1446 | 1511 | | | | | |
| L122E | 49771 | 51270 | 1512 | 1537 | | | | | |
| L123W | 51271 | 52770 | 1537 | 1602 | | | | SHORT RTCM OUTAGE WESTERN END. | |
| L124E | 52771 | 54285 | 1603 | 1628 | | | | | |
| L125W | 54286 | 55730 | 16.48 | 17.12 | | | | Refuel. | |
| L126E | 55731 | 57320 | 17.13 | 17.40 | | | | | |
| T109 | 57321 | 57905 | 17.45 | 17.55 | | | | | |
| T108 | 57906 | 58545 | 17.55 | 18.06 | | | | | |
| T107 | 58546 | 59130 | 18.07 | 18.17 | | | | | |
| | | | | | | | | | |
| TSTL | 59131 | 59260 | 18.17 | 18.20 | | | | | |
| ALT BCKD | 59261 | 59340 | 18.20 | 18.21 | | | | | |
| | | | | | | | | | |
| GND | 59341 | 59471 | 18.29 | 18.31 | | | | | |
| Th | 59471 | 59595 | 18.33 | 18.35 | | | | | |
| Un | 59596 | 59720 | 18.35 | 18.38 | | | | | |
| GND | 59721 | 59860 | 18.39 | 18.41 | | | | | |

Day 296

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 1
Flight 38
Date 23 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot Peter Frambs.
Co-Pilot
Operator Tom Atkinson
Dataman S. ADAMS

Airport Cloncurry Town.
Take off 0855 Land 1233
Flight time 3:38
Mag. Sens. F/S ... / ...
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | | Digital Mult. No. | |
|---|---|---|---|---|
| K40 | | CTS | | Mlt. |
| Bi214 | | CTS | | Mlt. |
| TL208 | | CTS | | Mlt. |
| TC | | CTS | | Mlt. |
| Sample Rate | | | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 54862 | ~~55156~~ | 8.36 | 8.38 | | | | | |
| Tk | 59991 | 60110 | 8.39 | 8.41 | | | | | |
| Vk | 60111 | 60240 | 8.42 | 8.44 | | | | | |
| GND | 60241 | 60416 | 8.45 | 8.47 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TOSTLINE | 60417 | 60520 | 0902 | 0904 | | | | | |
| BKGND | 60521 | 60590 | 0904 | 0905 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| L172W | 60591 | 61420 | 0911 | 0924 | | | | | |
| L171E | 61421 | 62285 | 0925 | 0940 | | | | | |
| L170W | 62286 | 63210 | 0941 | 0956 | | | | CHECK MAG | |
| L169E | 63210 | 64105 | 0957 | 1012 | | | | | |
| L168W | 64106 | 65040 | 1012 | 1028 | | | | | |
| L167E | 65041 | 65935 | 1038 | 1053 | | | | | |
| L166W | 65936 | 66825 | 1054 | 1108 | | | | | |
| L165E | 66826 | 67745 | 1109 | 1124 | | | | | |
| L164W | 67746 | 68620 | 1125 | 1139 | | | | | |
| L163E | 68621 | 69530 | 1140 | 1154 | | | | | |
| L162W | 69531 | 70370 | 1156 | 1210 | | | | | |
| L161E | 70371 | 71215 | 1211 | 1224 | | | | | |
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DY296

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 39
Date 23 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 1358 Land 1725
Flight time 3:27
Mag. Sens. F/S ___ / ___
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L160W | 71217 | 72050 | 1405 | 1419 | | | | | |
| L159E | 72051 | 72980 | 1420 | 1435 | | | | | |
| L158W | 72981 | 73905 | 1436 | 1451 | | | | | |
| L157E | 73906 | 74830 | 1452 | 1507 | | | | | |
| L156W | 74831 | 75700 | 1508 | 1522 | | | | | |
| L155E | 75701 | 76585 | 1523 | 1538 | | | | | |
| L154W | 76586 | 77455 | 1538 | 1553 | | | | | |
| L153E | 77456 | 78395 | 1554 | 1609 | | | | | |
| L152W | 78396 | 79275 | 1610 | 1624 | | | | | |
| L151E | 79276 | 80190 | 1625 | 1640 | | | | | |
| L150W | 80191 | 81045 | 1641 | 1655 | | | | | |
| L149E | 81046 | 81925 | 1655 | 1710 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TESTLINE | 81927 | 82045 | 1713 | 1715 | | | | | |
| BKGRND | 82046 | 82120 | 1715 | 1716 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 82121 | 82225 | 1733 | 1735 | | | | | |
| TH | 82226 | 82340 | 1736 | 1738 | | | | | |
| U | 82341 | 82460 | 1738 | 1740 | | | | | |
| GND | 82461 | 82595 | 1741 | 1743 | | | | | |
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Day 297

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 1
Flight 40
Date 24 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot Peter Franks.
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS.

Airport GERMANTOWN
Take off 1051 Land 1355
Flight time 3:04
Mag. Sens. F/S ... / ...
Fid. & Scan Interval ...
Svy. Alt. ...
Baro. Pres. ...
Baro. Alt. Correct ...
Rdr. Alt. Chart F/S ...

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 82597 | 82715 | 10.11 | 10.13 | | | | | |
| Th | 82716 | 82840 | 10.14 | 10.16 | | | | | |
| Uh | 82841 | 82960 | 10.17 | 10.19 | | | | | |
| GND | 82961 | 83090 | 10.21 | 10.23 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TST L | 83091 | 83245 | 1058 | 1100 | | | | | |
| A BGND | 83246 | 83350 | 1100 | 1102 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| L148W | 83351 | 84215 | 1103 | 1118 | | | | | |
| L147E | 84216 | 85065 | 1119 | 1133 | | | | | |
| L146W | 85066 | 85965 | 1133 | 1148 | | | | | |
| L145E | 85966 | 86850 | 1149 | 1204 | | | | | |
| L144W | 86851 | 87715 | 1204 | 1219 | | | | | |
| L143E | 87716 | 88630 | 1220 | 1235 | | | | MAG LOST LOCK @ EASTERN END | (Town) |
| L142W | 88631 | 89495 | 1245 | 1259 | | | | | |
| L141E | 89496 | 90400 | 1300 | 1315 | | | | | |
| L140W | 90401 | 91285 | 1316 | 1331 | | | | | |
| L139E | 91286 | 92180 | 1332 | 1347 | | | | MAG LOST LOCK @ EASTERN END | (Town) |
| | | | | | | | | | |
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DY 297

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 934
Area 01
Flight 41
Date 24 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 1514 Land 1759
Flight time 2:45
Mag. Sens. F/S ... / ...
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| T61N | 92182 | 92765 | 1523 | 1533 | | | | | |
| T62S | 92766 | 93240 | 1534 | 1542 | | | | | |
| T63N | 93241 | 93835 | 1543 | 1553 | | | | | |
| T64S | 93836 | 94285 | 1554 | 1601 | | | | | |
| T65N | 94286 | 94840 | 1602 | 1611 | | | | GOT OFFLINE | |
| T65N | 94841 | 94905 | 1612 | 1613 | | | | | |
| T66S | 94906 | 95365 | 1614 | 1621 | | | | | |
| T67N | 95366 | 95900 | 1622 | 1631 | | | | | |
| T68S | 95901 | 96415 | 1631 | 1640 | | | | | |
| T69N | 96406 | 96995 | 1640 | 1650 | | | | | |
| T70S | 96996 | 97495 | 1651 | 1659 | | | | | |
| T71N | 97496 | 98120 | 1700 | 1710 | | | | | |
| T72S | 98121 | 98685 | 1711 | 1720 | | | | | |
| T73N | 98686 | 99305 | 1721 | 1731 | | | | | |
| T74S | 0 | 550 | 1732 | 1741 | | | | | |
| | | | | | | | | | |
| TESTLINE | 552 | 675 | 1747 | 1749 | | | | | |
| BKGRND | 676 | 770 | 1749 | 1751 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 771 | 870 | 1756 | 1758 | | | | | |
| Th | 871 | 990 | 1800 | 1802 | | | | | |
| U | 991 | 1110 | 1802 | 1804 | | | | | |
| GND | 1111 | 1215 | 1805 | 1807 | | | | | |
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DY 298

# GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

## OPERATORS FLIGHT REPORT



Job No. 9304
Area 01
Flight 42
Date 25 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot —
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 1414 Land 1730
Flight time 3:16
Mag. Sens. F/S ... / ...
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| GND | 1217 | 1345 | 1357 | 1359 | | | | | |
| Th | 1346 | 1480 | 1400 | 1402 | | | | | |
| U | 1481 | 1605 | 1403 | 1405 | | | | | |
| GND | 1606 | 1735 | 1406 | 1408 | | | | | |
| | | | | | | | | | |
| TEST LINE | 1737 | 1865 | 1420 | 1422 | | | | | |
| BKGRND | 1866 | 1960 | 1422 | 1424 | | | | | |
| | | | | | | | | | |
| T106N | 1961 | 2560 | 1429 | 1439 | | | | | |
| T105S | 2561 | 3080 | 1440 | 1448 | | | | | |
| T104N | 3081 | 3730 | 1450 | 1501 | | | | | RTCM OUTAGE |
| T103S | 3731 | 4325 | 1504 | 1513 | | | | CHECK MAG AT SOUTH END | OF LINE |
| T102N | 4326 | 4920 | 1516 | 1525 | | | | | |
| T101S | 4921 | 5495 | 1526 | 1536 | | | | | |
| T100N | 5496 | 6070 | 1537 | 1546 | | | | | |
| T99S | 6071 | 6650 | 1547 | 1557 | | | | | |
| T98N | 6651 | 7255 | 1558 | 1608 | | | | | |
| T97S | 7256 | 7555 | 1609 | 1615 | | | | | |
| T97S | 7556 | 7775 | 1618 | 1621 | | | | | |
| T97S | 7776 | 7955 | 1624 | 1626 | | | | | |
| T96N | 7956 | 8525 | 1627 | 1636 | | | | CHECK MAG AT SOUTH END | |
| T96N | 8526 | 8665 | 1639 | 1642 | | | | | |
| T95S | 8666 | 9285 | 1643 | 1653 | | | | | |
| T94N | 9286 | 9905 | 1654 | 1704 | | | | | |
| T93S | 9906 | 10460 | 1704 | 1714 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 42
Date 2[illegible] / / (Day / Mo. / Yr.)
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| TESTLINE | 9908 | 10580 | 1717 | 1719 | | | | | |
| BKGRND | 10581 | 10675 | 1719 | 1721 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 10677 | 10795 | 1728 | 1730 | | | | | |
| Th | 10796 | 10925 | 1732 | 1734 | | | | | |
| U | 10926 | 11045 | 1735 | 1737 | | | | | |
| GND | 11046 | 11175 | 1738 | 1740 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | |

JY299

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 43
Date 26 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 0853 Land 1229
Flight time 3:36
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 11177 | 11295 | 0833 | 0835 | | | | | |
| TL | 11296 | 11440 | 0836 | 0838 | | | | | |
| U | 11441 | 11545 | 0839 | 0841 | | | | | |
| GND | 11546 | 11635 | 0841 | 0843 | | | | | |
| | | | | | | | | | |
| TEST LINE | 11637 | 11750 | 0902 | 0904 | | | | | |
| BKGND | 11751 | 11825 | 0904 | 0905 | | | | | |
| | | | | | | | | | |
| T92N | 11826 | 12345 | 0912 | 0920 | | | | | |
| T91S | 12346 | 12975 | 0921 | 0932 | | | | RTCM OUTAGE | 12455-12496 |
| T90N | 12976 | 13480 | 0932 | 0941 | | | | | ~~13475~~ |
| T89S | 13481 | 14085 | 0942 | 0952 | | | | RTCM OUTAGE | – 13613 |
| T88N | 14086 | 14615 | 0953 | 1002 | | | | | |
| T87S | 14616 | 15215 | 1003 | 1013 | | | | | |
| T86N | 15216 | 15755 | 1013 | 1022 | | | | | |
| T85S | 15756 | 16350 | 1023 | 1033 | | | | | |
| T84N | 16351 | 16885 | 1033 | 1042 | | | | | |
| T83S | 16886 | 17485 | 1043 | 1053 | | | | | |
| T82N | 17486 | 17990 | 1054 | 1102 | | | | | |
| T81S | 17991 | 18585 | 1103 | 1113 | | | | | |
| T80N | 18586 | 19085 | 1114 | 1122 | | | | | |
| T79S | 19086 | 19645 | 1123 | 1132 | | | | | |
| T78N | 19646 | 20130 | 1133 | 1141 | | | | | |
| T77S | 20131 | 20690 | 1152 | 1201 | | | | | |
| T76N | 20691 | 21190 | 1202 | 1210 | | | | | |
| T75S | 21191 | 21740 | 1211 | 1220 | | | | | |
| | | | | | | | | | 331 lm |

DY299

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Sheet 1 of 2

Job No. 9304
Area 01
Flight 44
Date 26 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 1340 Land 1733
Flight time 3:53
Mag. Sens. F/S ___ / ___
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L174W | 21742 | 21930 | 1352 | 1355 | | | | | |
| L175E | 21931 | 22125 | 1356 | 1359 | | | | | |
| L176W | 22126 | 22355 | 1359 | 1403 | | | | | |
| L177E | 22356 | 22560 | 1403 | 1407 | | | | | |
| L178W | 22561 | 22820 | 1407 | 1412 | | | | | |
| L179E | 22821 | 23025 | 1412 | 1416 | | | | | |
| L180W | 23026 | 23255 | 1416 | 1420 | | | | | |
| L181E | 23256 | 23460 | 1420 | 1423 | | | | | |
| L182W | 23461 | 23680 | 1424 | 1428 | | | | | |
| L183E | 23681 | 23885 | 1428 | 1431 | | | | | |
| L184W | 23886 | 24105 | 1432 | 1436 | | | | | |
| L185E | 24106 | 24305 | 1436 | 1439 | | | | CHECK MAG. | |
| L173W | 24306 | 24525 | 1442 | 1445 | | | | | |
| | | | | | | | | | |
| L118E | 24526 | 25010 | 1455 | 1504 | | | | | |
| L117W | 25011 | 25535 | 1504 | 1513 | | | | | |
| L116E | 25536 | 26050 | 1514 | 1522 | | | | | |
| L115W | 26051 | 26580 | 1523 | 1531 | | | | | |
| L114E | 26581 | 27050 | 1532 | 1540 | | | | | |
| L113W | 27051 | 27575 | 1541 | 1549 | | | | | |
| L112E | 27576 | 28070 | 1550 | 1558 | | | | RTCM OUTAGE | |
| L111W | 28071 | 28605 | 1559 | 1608 | | | | | |
| L110E | 28606 | 29080 | 1608 | 1616 | | | | | |
| L109W | 29081 | 29615 | 1617 | 1626 | | | | | |
| L108E | 29616 | 30120 | 1627 | 1635 | | | | RTCM OUTAGE | |
| L107W | 30121 | 30685 | 1636 | 1645 | | | | | |
| L127E | 30686 | 32055 | 1648 | 1711 | | | | | |
| | | | | | | | | | 347.6 |

DY 299

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)
**OPERATORS FLIGHT REPORT**

Sheet 2 of 2

Job No. 9304
Area 01
Flight 44
Date 26 / 10 / 93 (Day / Mo. / Yr.)
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| TESTLINE | 32057 | 32170 | 1721 | 1723 | | | | | |
| BKGRND | 32171 | 32255 | 1723 | 1725 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 32256 | 32365 | 1730 | 1732 | | | | | |
| Th | 32366 | 32590 | 1734 | 1738 | | | | | |
| U | 32591 | 32725 | 1739 | 1741 | | | | | |
| GND | 32726 | 32910 | 1742 | 1745 | | | | | |

# APPENDIX 3

## RAW FLIGHT LOGS

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Fingal |
| Area: | 1 |
| Flight: | 45 - 68 |

DY300

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

1/3

Job No. 9304
Area 01
Flight 45
Date 27 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMAN TOWN
Take off 1021 Land 1159
Flight time 1:38
Mag. Sens. F/S ... / ...
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| GND | 32912 | 33045 | 1004 | 1006 | | | | | |
| TH | 33046 | 33200 | 1007 | 1009 | | | | | |
| U | 33201 | 33330 | 1014 | 1016 | | | | | |
| GND | 33331 | 33475 | 1017 | 1020 | | | | | |
| | | | | | | | | | |
| TESTLINE | 33476 | ~~33605~~ 33602 | 1025 | 1028 | | | | | |
| BKGND | 33606 | 33700 | 1028 | 1029 | | | | | |
| | | | | | | | | | |
| L128W | 33702 | 35060 | 1031 | 1054 | | | | | |
| L97E | 35061 | 35840 | 1100 | 1113 | | | | ADJOINER | |
| L98W | 35841 | 36700 | 1114 | 1128 | | | | ADJOINER | |
| L80E | 36701 | 37270 | 1129 | 1139 | | | | ~~ADJOINER~~ | |
| L79W | 37271 | 37900 | 1140 | 1150 | | | | | |

DY300

# GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

## OPERATORS FLIGHT REPORT

2/3

Job No. 9304
Area 01
Flight 46
Date 27 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport
Take off 1236 Land 1433
Flight time 1:57
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| T11N | 37902 | 38705 | 1243 | 1257 | | | | | |
| T24S | 38706 | 39395 | 1300 | 1311 | | | | PARTIAL LINE | |
| | | | | | | | | | |
| L99W | 39397 | 40195 | 1319 | 1333 | | | | | |
| L100E | 40196 | 40650 | 1333 | 1341 | | | | | |
| L101W | 40651 | 41140 | 1341 | 1349 | | | | | |
| L102E | 41141 | 41610 | 1350 | 1358 | | | | ADJOINERS | |
| L103W | 41611 | 42120 | 1359 | 1407 | | | | | |
| L104E | 42121 | 42595 | 1408 | 1416 | | | | | |
| L105W | 42596 | 43090 | 1416 | 1424 | | | | | |
| L106E | 43091 | 43300 | 1424 | 1428 | WB | 567000mE | | STILL INCOMPLETE | |

DY300

# GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)
## OPERATORS FLIGHT REPORT

3/3

49

Job No. 9304
Area 01
Flight 47
Date 27 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport
Take off 1456 Land 1741
Flight time 2:45
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| L106E | 43302 | 43590 | 1506 | 1511 | | | | GPS HEALTH "CP2", ADJOINER | |
| ~~L49W~~ | ~~43591~~ | ~~43655~~ | ~~1516~~ | ~~1517~~ | | | | SCRUB | |
| L62W | 43656 | 44050 | 1519 | 1526 | | | | | |
| L61E | 44051 | 44370 | 1526 | 1531 | | | | | |
| L60W | 44371 | 44760 | 1532 | 1539 | | | | | |
| L59E | 44761 | 45075 | 1539 | 1544 | | | | | |
| L58W | 45076 | 45470 | 1545 | 1551 | | | | | |
| L63E | 45471 | 45815 | 1552 | 1558 | | | | | |
| L64W | 45816 | 46240 | 1559 | 1606 | | | | | |
| L65E | 46241 | 46575 | 1606 | 1612 | | | | | |
| L66W | 46576 | 47050 | 1614 | 1622 | | | | | |
| L128E | 47052 | 48210 | 1702 | 1722 | | | | | |
| TESTLINE | 48212 | 48350 | 1725 | 1728 | | | | | |
| BKGRND | 48351 | 48470 | 1728 | 1730 | | | | | |
| GND | 48473 | 48595 | 1738 | 1741 | | | | | |
| TH | 48596 | 48785 | 1742 | 1745 | | | | | |
| U | 48786 | 48925 | 1747 | 1749 | | | | | |
| GND | 48926 | 49074 | 1751 | 1753 | | | | | |

DY301

# GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)
## OPERATORS FLIGHT REPORT



Job No. 9304
Area 01
Flight 48
Date 28 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 1354 Land 1757
Flight time 4:03
Mag. Sens. F/S ... / ...
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| | 49077 | | 1330 | | | | | | |
| GND | 49101 | 49210 | 1331 | 1333 | | | | | |
| TH | 49211 | 49320 | 1334 | 1336 | | | | | |
| U | 49321 | 49440 | 1337 | 1339 | | | | | |
| GND | 49441 | 49560 | 1340 | 1342 | | | | | |
| | | | | | | | | | |
| TESTLINE | 49561 | 49695 | 1359 | 1401 | | | | | |
| BKGRND | 49696 | 49800 | 1402 | 1403 | | | | | |
| | | | | | | | | | |
| L130W | 49801 | 50995 | 1405 | 1425 | | | | | |
| T1N | 50996 | 51245 | 1426 | 1431 | | | | | |
| T2S | 51246 | 51490 | 1433 | 1437 | | | | | |
| T3N | 51491 | 51750 | 1438 | 1442 | | | | | |
| T4S | 51751 | 51965 | 1443 | 1446 | | | | | |
| T5N | 51966 | 52225 | 1447 | 1451 | | | | | |
| T6S | 52226 | 52445 | 1452 | 1455 | | | | | |
| T7N | 52446 | 52725 | 1456 | 1501 | | | | | |
| T8S | 52726 | 52945 | 1501 | 1505 | | | | | |
| T9N | 52946 | 53250 | 1506 | 1511 | | | | | |
| T10S | 53251 | 53475 | 1511 | 1515 | | | | | |
| | | | | | | | | | |
| L78E | 53477 | 54015 | 1538 | 1547 | | | | | |
| L77W | 54016 | 54580 | 1548 | 1557 | | | | | |
| L57E | 54581 | 54895 | 1600 | 1605 | | | | | |
| L56W | 54896 | 55265 | 1606 | 1612 | | | | | |
| L55E | 55266 | 55590 | 1613 | 1619 | | | | | |
| L54W | 55591 | 55970 | 1619 | 1626 | | | | | |
| L53E | 55971 | 56305 | 1626 | 1632 | | | | | |

DY301

# GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)
## OPERATORS FLIGHT REPORT



Job No. 9304
Area 01
Flight 48
Date ../../.. Day Mo. Yr.
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land
Flight time
Mag. Sens. F/S ../..
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| L52W | 56306 | 56670 | 1633 | 1639 | | | | | |
| L51E | 56671 | 57015 | 1639 | 1645 | | | | | |
| L50W | 57016 | 57370 | 1647 | 1653 | | | | | |
| L49E | 57371 | 57700 | 1653 | 1658 | | | | 2ND ATTEMPT | |
| | | | | | | | | MAD 27.448! | |
| L131E | 57701 | 58955 | 1720 | 1741 | | | | MAD 1.4 | |
| TOSTLINE | 58957 | 59040 | 1745 | 1747 | | | | | |
| BKGRND | 59091 | 59205 | 1747 | 1749 | | | | | |
| GND | 59206 | 59310 | 1754 | 1756 | | | | | |
| Th | 59311 | 59540 | 1758 | 1802 | | | | | |
| U | 59541 | 59665 | 1803 | 1805 | | | | | |
| GND | 59666 | 59835 | 1806 | 1809 | | | | | |

302

DY 302

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 49
Date 29 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMAN TOWN
Take off 0915 Land 1256
Flight time 3:41
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| TESTLINE | | 60485 | 0928 | 0930 | | | | | |
| BKGND | 60486 | 60575 | 0930 | 0932 | | | | | |
| | | | | | | | | | |
| GND | 59837 | 60015 | 0832 | 0835 | | | | | |
| Th | 60016 | 60145 | 0836 | 0838 | | | | | |
| U | 60146 | 60260 | 0839 | 0841 | | | | | |
| GND | 60261 | 60380 | 0842 | 0844 | | | | | |
| | | | | | | | | | |
| L132W | 60576 | 61905 | 0933 | 0955 | | | | | |
| L76E | 61906 | 62430 | 1000 | 1009 | | | | | |
| L75W | 62431 | 62905 | 1009 | 1017 | | | | | |
| L74E | 62906 | 63300 | 1019 | 1025 | | | | | |
| L73W | 63301 | 63765 | 1026 | 1033 | | | | | |
| L72E | 63766 | 64180 | 1034 | 1041 | | | | | |
| L71W | 64181 | 64665 | 1041 | 1049 | | | | | |
| L70E | 64666 | 65050 | 1111 | 1118 | | | | | |
| L69W | 65051 | 65525 | 1118 | 1126 | | | | MAD 1.125, 0.551 | |
| L68E | 65526 | 65910 | 1126 | 1133 | | | | | |
| L67W | 65911 | 66395 | 1133 | 1141 | | | | | |
| L48E | 66396 | 66720 | 1143 | 1149 | | | | | |
| L47W | 66721 | 67130 | 1151 | 1158 | | | | | |
| L133E | 67131 | 68285 | 1220 | 1239 | | | | | |
| TESTLINE | 68287 | 68380 | 1244 | 1245 | | | | | |
| BKGRND | 68381 | 68450 | 1245 | 1247 | | | | | |
| GND | 68451 | 68590 | 1254 | 1256 | | | | | |
| Th | 68591 | 68715 | 1258 | 1300 | | | | | |
| U | 68716 | 68835 | 1301 | 1303 | | | | | |
| GND | 68836 | 69075 | 1303 | 1307 | | | | | |

DY303

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 50
Date 30 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot —
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 0930 Land 1136
Flight time 2:06
Mag. Sens. F/S ... / ...
Fid. & Scan Interval ...
Svy. Alt. ...
Baro. Pres. ...
Baro. Alt. Correct ...
Rdr. Alt. Chart F/S ...

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| GND | 69077 | 69185 | 0900 | 0902 | | | | | |
| TH | 69186 | 69300 | 0903 | 0905 | | | | | |
| U | 69301 | 69415 | 0906 | 0908 | | | | | |
| GND | 69416 | 69830 | 0909 | 0916 | | | | | |
| | | | | | | | | | |
| TESTLINE | 69832 | 69985 | 0938 | 0941 | | | | | |
| BKGRND | 69986 | 70080 | 0941 | 0942 | | | | | |
| | | | | | | | | | |
| L134W | 70081 | 71500 | 0943 | 1006 | | | | | |
| T5N | 71501 | 71790 | 1010 | 1015 | | | | REFLIGHT | |
| T6S | 71791 | 72055 | 1016 | 1020 | | | | REFLIGHT | |
| T7N | 72056 | 72345 | 1021 | 1026 | | | | REFLIGHT | |
| L77E | 72346 | 72970 | 1031 | 1041 | | | | REFLIGHT | |
| L57W | 72971 | 73375 | 1046 | 1053 | | | | REFLIGHT | |
| L55E | 73376 | 73840 | 1054 | 1102 | | | | REFLIGHT | |
| L54W | 73841 | 74310 | 1104 | 1112 | | | | REFLIGHT | |
| L46E | 74311 | 74765 | 1114 | 1121 | | | | | |
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DY303

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT



Job No. 9304
Area 01
Flight 51
Date 30 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport
Take off 1213 Land 1748
Flight time 5:35
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| ~~L45~~ | ~~74767~~ | ~~74915~~ | — | | | | | SCRUB | |
| L45W | 74916 | 75385 | 1228 | 1236 | | | | | |
| L44E | 75386 | 75795 | 1236 | 1243 | | | | 4 | |
| L43W | 75796 | 76260 | 1245 | 1253 | | | | | |
| L42E | 76261 | 76680 | 1254 | 1301 | | | | | |
| L41W | 76681 | 77130 | 1303 | 1310 | | | | | |
| L40E | 77131 | 77545 | 1312 | 1319 | | | | | |
| L39W | 77546 | 78015 | 1320 | 1328 | | | | 5 | |
| L38E | 78016 | 78465 | 1329 | 1336 | | | | 4 | |
| L37W | 78466 | 78905 | 1337 | 1344 | | | | | |
| L36E | 78906 | 79370 | 1345 | 1353 | | | | | |
| L35W | 79371 | 79890 | 1354 | 1403 | | | | | |
| L34E | 79891 | 80345 | 1403 | 1411 | | | | | |
| L33W | 80346 | 80790 | 1412 | 1420 | | | | | |
| L32E | 80791 | 81235 | 1421 | 1428 | | | | | |
| L31W | 81236 | 81655 | 1508 | 1515 | | | | | |
| L30E | 81656 | 82105 | 1515 | 1523 | | | | | |
| L29W | 82106 | 82550 | 1524 | 1531 | | | | | |
| L28E | 82551 | 83005 | 1532 | 1540 | | | | | |
| L27W | 83006 | 83420 | 1540 | 1547 | | | | | |
| L26E | 83421 | 83830 | 1548 | 1554 | | | | | |
| L25W | 83831 | 84245 | 1555 | 1602 | | | | | |
| L24E | 84246 | 84650 | 1603 | 1609 | | | | | |
| L23W | 84651 | 85040 | 1610 | 1617 | | | | | |
| L22E | 85041 | 85470 | 1618 | 1625 | | | | | |
| L135E | 85472 | 86595 | 1711 | 1730 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | 204 |

DY303

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)
**OPERATORS FLIGHT REPORT**



Job No. 9304
Area 01
Flight 51
Date 30 / 10 / 93 (Day / Mo. / Yr.)
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| TESTLINE | 86597 | 86715 | 1735 | 1737 | | | | | |
| BKGRND | 86716 | 86805 | 1737 | 1738 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 86806 | 86930 | 1745 | 1747 | | | | | |
| Th | 86931 | 87245 | 1749 | 1754 | | | | | |
| U | 87246 | 87400 | 1755 | 1757 | | | | | |
| GND | 87401 | 87530 | 1758 | 1800 | | | | | |
| | | | | | | | | | |
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DY304

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 52
Date 31 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH- FHB
Pilot T. FELLER
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMAN TOWN
Take off 0923 Land 1351
Flight time 4:28
Mag. Sens. F/S ... / ...
Fid. & Scan Interval ...
Svy. Alt. ...
Baro. Pres. ...
Baro. Alt. Correct ...
Rdr. Alt. Chart F/S ...

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 87532 | 87640 | 0905 | 0907 | | | | | |
| TL | 87641 | 87765 | 0908 | 0910 | | | | | |
| L | 87766 | 88025 | 0911 | 0915 | | | | | |
| GND | 88026 | 88450 | 0916 | 0923 | | | | | |
| | | | | | | | | | |
| TESTLINE | 88451 | 88605 | 0932 | 0933 | | | | | |
| BKGRND | 88606 | 88715 | 0934 | 0935 | | | | | |
| | | | | | | | | | |
| L136W | 88716 | 89795 | 0936 | 0954 | | | | | |
| T12N | 89797 | 90665 | 1004 | 1018 | | | | | |
| T11S | 90666 | 90845 | 1021 | 1024 | | | | REFLIGHT SECTION | |
| L21E | 90847 | 91295 | 1027 | 1034 | | | | | |
| L20W | 91296 | 91695 | 1035 | 1042 | | | | | |
| L19E | 91696 | 92180 | 1042 | 1051 | | | | | |
| L18W | 92181 | 92610 | 1052 | 1059 | | | | | |
| L17E | 92611 | 93070 | 1100 | 1107 | | | | | |
| L16W | 93071 | 93505 | 1108 | 1115 | | | | | |
| T13S | 93506 | 94280 | 1118 | 1131 | | | | BROKEN... | |
| T13S | 94281 | 94420 | 1155 | 1157 | | | | ...CONTINUED | |
| T14N | 94421 | 95330 | 1159 | 1214 | | | | | |
| L15E | 95332 | 95775 | 1217 | 1224 | | | | | |
| L14W | 95776 | 96165 | 1225 | 1232 | | | | | |
| L13E | 96166 | 96585 | 1233 | 1240 | | | | | |
| L12W | 96586 | 96985 | 1241 | 1247 | | | | | |
| L11E | 96986 | 97435 | 12 | 1255 | | | | | |
| ~~L10W~~ | ~~97436~~ | ~~97560~~ | ~~1257~~ | ~~1259~~ | | | | SCRUB | |
| L10W | 97561 | 97895 | 1303 | 1308 | | | | | |
| L9E | 97896 | 98305 | 1309 | 1316 | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 52
Date 31 / 10 / 93
Day Mo. Yr.
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L8W | 98306 | 98655 | 1317 | 1323 | | | | | |
| T155 | 0 | 845 | 1327 | 1341 | | | | | |
| | | | | | | | | | 321 |

JY304

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 53
Date 31 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport
Take off 1431 Land 1737
Flight time 3:06
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| T16N | 847 | 1815 | 1445 | 1501 | | | | | |
| L7E | 1816 | 2275 | 1504 | 1511 | | | | | |
| L6W | 2276 | 2640 | 1512 | 1518 | | | | | |
| L5E | 2641 | 3095 | 1519 | 1527 | | | | | |
| L4W | 3096 | 3480 | 1527 | 1534 | | | | | |
| L3E | 3481 | 3925 | 1534 | 1542 | | | | | |
| L2W | 3926 | 4280 | 1542 | 1548 | | | | | |
| L1E | 4281 | 4710 | 1549 | 1556 | | | | | |
| | | | | | | | | | |
| T24N | 4712 | 5020 | 1602 | 1607 | | | | REFLIGHT SECTION | |
| T17S | 5021 | 5900 | 1610 | 1624 | | | | | |
| | | | | | | | | | |
| L13E | 5902 | 6915 | 1702 | 1719 | | | | | |
| | | | | | | | | | |
| TESTLINE | 6917 | 7070 | 1723 | 1726 | | | | | |
| BKGRND | 7071 | 7180 | 1726 | 1728 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 7181 | 7410 | 1734 | 1738 | | | | | |
| TH | 7411 | 7540 | 1739 | 1741 | | | | | |
| U | 7541 | 7685 | 1742 | 1744 | | | | | |
| GND | 7686 | 7820 | 1745 | 1747 | | | | | |
| | | | | | | | | | |
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DY305

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT



Job No. 9304
Area 01
Flight 54
Date 11 / 1 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport
Take off 0928 Land 1314
Flight time 3:46 218
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| GND | 7822 | 7985 | 0905 | 0907 | | | | | |
| TH | 7986 | 8095 | 0908 | 0910 | | | | | |
| 4 | 8096 | 8225 | 0911 | 0913 | | | | | |
| GND | 8226 | 8365 | 0914 | 0916 | | | | | |
| | | | | | | | | | |
| TOTLINE | 8366 | 8520 | 0936 | 0939 | | | | | |
| BKGND | 8521 | 8670 | 0939 | 0942 | | | | | |
| | | | | | | | | | |
| ~~L138W~~ | ~~8671~~ | ~~8800~~ | ~~0943~~ | 0946 | | | | SCRUB | |
| L138W | 8801 | 9695 | 1003 | 1018 | | 30 | | | |
| T18N | 9697 | 10360 | 1024 | 1035 | | | | BROKEN... | |
| T18N | 10361 | 10785 | 1037 | 1044 | | 30 | | ...CONTINUED | |
| T19S | 10786 | 11780 | 1045 | 1102 | | 30 | | | |
| L186E | 11781 | 11995 | 1138 | 1141 | | 6.4 | | | |
| L187W | 11996 | 12225 | 1142 | 1146 | | 6.4 | | | |
| L188E | 12226 | 12425 | 1146 | 1150 | | 6.4 | | | |
| L189W | 12426 | 12635 | 1150 | 1154 | | 6.4 | | | |
| L190E | 12636 | 12840 | 1155 | 1158 | | 6.4 | | | |
| L191W | 12841 | 13045 | 1159 | 1202 | | 6.4 | | | |
| L192E | 13046 | 13245 | 1203 | 1206 | | 6.4 | | | |
| L193W | 13246 | 13460 | 1207 | 1210 | | 6.4 | | | |
| L194E | 13461 | 13665 | 1211 | 1214 | | 6.4 | | | |
| L195W | 13666 | 13880 | 1215 | 1218 | | 6.4 | | | |
| L196E | 13881 | 14095 | 1219 | 1223 | | 6.4 | | | |
| L197W | 14096 | 14305 | 1223 | 1227 | | 6.4 | | | |
| L198E | 14306 | 14510 | 1227 | 1231 | | 6.4 | | | |
| L199W | 14511 | 14710 | 1231 | 1235 | | 6.4 | | | |
| L200E | 14711 | 14915 | 1235 | 1239 | | 6.4 | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 54
Date 1 / 11 / 93
Day Mo. Yr.
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L201W | 14916 | 15120 | 1239 | 1243 | | 6·4 | | | |
| L202E | 15121 | 15325 | 1243 | 1247 | | 6·4 | | | |
| L203W | 15326 | 15535 | 1247 | 1251 | | 6·4 | | | |
| L204E | 15536 | 15725 | 1251 | 1255 | | 6·4 | | | |
| L205W | 15726 | 15930 | 1255 | 1259 | | 6·4 | | | |

DY305

# GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

## OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 55
Date 1 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport
Take off 1400 Land 1728
Flight time 8:28
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| T20N | 15932 | 16930 | 1412 | 1428 | | 30 | | | |
| T21S | 16931 | 17845 | 1429 | 1444 | | 51 | | | |
| T22N | 17846 | 18920 | 1446 | 1504 | | 51 | | | |
| ~~TL28S~~ | ~~18921~~ | | ~~tie~~ | | | | | | |
| T40S | 18921 | 19235 | 1513 | 1518 | | 11 | | | |
| T41N | 19236 | 19660 | 1519 | 1526 | | 11 | | | |
| T42S | 19661 | 19955 | 1528 | 1533 | | 11 | | | |
| T43N | 19956 | 20355 | 1533 | 1540 | | 11 | | | |
| T44S | 20356 | 20660 | 1541 | 1546 | | 11 | | | |
| T45N | 20661 | 21085 | 1547 | 1554 | | 11 | | | |
| T39S | 21086 | 21395 | 1556 | 1601 | | 11 | | | |
| | | | | | | | | | |
| L206E | 21397 | 21600 | 1642 | 1645 | | 6.4 | | | |
| L207W | 21601 | 21835 | 1646 | 1650 | | 6.4 | | | |
| L208E | 21836 | 22030 | 1650 | 1653 | | 6.4 | | | |
| ~~L209W~~ | ~~22031~~ | ~~22050~~ | ~~1653~~ | ~~1654~~ | | ~~6.4~~ | | SCRUB | |
| L209W | 22051 | 22260 | 1655 | 1659 | | 6.4 | | | |
| L210E | 22261 | 22460 | 1659 | 1703 | | 6.4 | | | |
| | | | | | | 253 | | | |
| TESTLINE | 22462 | 22615 | 1713 | 1715 | | | | | |
| BKGRND | 22616 | 22755 | 1715 | 1718 | | | | | |
| | | | | | | | | | |
| GND | 22756 | 23055 | 1725 | 1730 | | | | | |
| Th | 23056 | 23245 | 1732 | 1735 | | | | | |
| U | 23246 | 23400 | 1737 | 1740 | | | | | |
| GND | 23401 | 23520 | 1741 | 1743 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

DY307

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 56
Date 3 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 0846 Land 1326
Flight time 4:40
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 23522 | 23650 | 0806 | 0808 | | | | | |
| TL | 23651 | 23770 | 0809 | 0811 | | | | | |
| U | 23771 | 23910 | 0812 | 0814 | | | | | |
| GND | 23911 | 24030 | 0815 | 0817 | | | | | |
| | | | | | | | | | |
| TESTLINE | 24031 | 24185 | 0854 | 0856 | | | | | |
| BKGRND | 24186 | 24290 | 0856 | 0858 | | | | | |
| | | | | | | | | | |
| L172W | 24291 | 24905 | 0905 | 0915 | | | | REFLIGHT SECTION. | |
| T23N | 24907 | 25915 | 0922 | 0939 | | | | PARTIAL. | |
| T25S | 25916 | 26830 | 0940 | 0956 | | | | PARTIAL. | |
| T26N | 26831 | 27755 | 0957 | 1013 | | 23.7 | | | |
| T27S | 27756 | 28575 | 1014 | 1027 | | 23.7 | | | |
| T28N | 28576 | 29505 | 1028 | 1044 | | 23.7 | | | |
| T29S | 29506 | 30240 | 1045 | 1057 | | | | | |
| T30N | 30241 | 30995 | 1058 | 1110 | | | | | |
| T31S | 30996 | 31675 | 1111 | 1123 | | | | | |
| T32N | 31676 | 32460 | 1152 | 1205 | | | | | |
| T33S | 32461 | 33195 | 1206 | 1218 | | | | | |
| T34N | 33196 | 34065 | 1220 | 1234 | | | | | |
| T35S | 34066 | 34775 | 1235 | 1247 | | | | ~~CHECK GPS POSITIONS @ END OF LINE 44~~ | |
| T36N | 34776 | 35615 | 1248 | 1302 | | | | | |
| T37S | 35616 | 36325 | 1303 | 1315 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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DY307

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 57
Date 3 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport
Take off 1357 Land 1719
Flight time 3:22 97
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| T10N | 36327 | 36955 | 1411 | 1422 | | 7.4 | | EXTENSION | |
| ~~T39E~~ | 36956 | 37685 | 1435 | 1447 | | | | | |
| T385 | | | | | | | | | |
| L211E | 37686 | 37880 | 1455 | 1458 | | 6.4 | | | |
| L212W | 37881 | 38110 | 1458 | 1502 | | | | | |
| L213E | 38111 | 38290 | 1503 | 1506 | | | | | |
| L214W | 38291 | 38535 | 1506 | 1510 | | | | | |
| L215E | 38536 | 38710 | 1511 | 1514 | | | | | |
| L216W | 38711 | 38975 | 1514 | 1519 | | | | | |
| L217E | 38976 | 39160 | 1519 | 1522 | | | | | |
| L218W | 39161 | 39425 | 1523 | 1527 | | | | | |
| L219E | 39426 | 39600 | 1528 | 1531 | | | | | |
| L220W | 39601 | 39855 | 1531 | 1536 | | | | | |
| L221E | 39856 | 40030 | 1536 | 1539 | | | | | |
| L222W | 40031 | 40265 | 1540 | 1544 | | | | | |
| L223E | 40266 | 40430 | 1544 | 1547 | | | | | |
| L224W | 40431 | 40675 | 1547 | 1552 | | | | | |
| | | | | | | | | | |
| TESTLINE | 40677 | 40820 | 1704 | 1706 | | | | | |
| BKGRND | 40821 | 40945 | 1707 | 1709 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 40946 | 41080 | 1716 | 1718 | | | | | |
| Th | 41081 | 41230 | 1719 | 1722 | | | | | |
| U | 41231 | 41330 | 1723 | 1725 | | | | | |
| GND | 41331 | 41465 | 1726 | 1728 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

DY308

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT



Job No. 9304
Area 01
Flight 58
Date 4 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport GERMANTOWN
Take off 0837 Land 1306
Flight time 4:29 (122)
Mag. Sens. F/S ... / ...
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 41472 | 41710 | 0816 | 0820 | | | | | |
| TH | 41711 | 41885 | 0821 | 0823 | | | | | |
| U | 41886 | 42105 | 0824 | 0828 | | | | | |
| GND | 42106 | 42230 | 0829 | 0831 | | | | | |
| | | | | | | | | | |
| TESTLINE | 42231 | 42375 | 0845 | 0848 | | | | | |
| BKGRND | 42376 | 42485 | 0848 | 0850 | | | | | |
| | | | | | | | | | |
| T103N | 42486 | 43030 | 0856 | 0905 | | | | | |
| T98S | 43031 | 43600 | 0908 | 0917 | | | | | |
| T97N | 43601 | 44150 | 0918 | 0928 | | | | | |
| T91S | 44151 | 44755 | 0929 | 0939 | | | | | |
| T90N | 44756 | 45300 | 0941 | 0950 | | | | REFLIGHTS OF | |
| T88S | 45301 | 45880 | 0951 | 1000 | | | | ENTIRE LINE | |
| T87N | 45881 | 46435 | 1001 | 1011 | | | | | |
| T86S | 46436 | 47015 | 1011 | 1021 | | | | | |
| T85N | 47016 | 47505 | 1022 | 1030 | | | | | |
| T84S | 47506 | 48035 | 1031 | 1040 | | | | | |
| | | | | | | | | | |
| L39W | 48037 | 48141 | 1056 | 1057 | | | | SECTION REFLIGHT | |
| L58E | 48142 | 48225 | 1100 | 1101 | | | | SECTION REFLIGHT | |
| | | | | | | | | | |
| L236E | 48226 | 48415 | 1113 | 1116 | | 6.4 | | | |
| L237W | 48416 | 48630 | 1117 | 1120 | | 6.4 | | | |
| L238E | 48631 | 48820 | 1121 | 1124 | | 6.4 | | | |
| L239W | 48821 | 49055 | 1125 | 1129 | | 6.4 | | | |
| L240E | 49056 | 49245 | 1151 | 1154 | | 6.4 | | | |
| L241W | 49246 | 49475 | 1155 | 1158 | | 6.4 | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 58
Date 4 / 11 / 93 (Day / Mo. / Yr.)
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L242E | 49476 | 49665 | 1159 | 1202 | | | | | |
| L243W | 49666 | 49935 | 1203 | 1207 | | | | | |
| L244E | 49936 | 50120 | 1208 | 1211 | | | | | |
| L245W | 50121 | 50375 | 1212 | 1216 | | | | | |
| L246E | 50376 | 50570 | 1217 | 1220 | | | | | |
| L247W | 50571 | 50810 | 1221 | 1225 | | | | | |
| L248E | 50811 | 51005 | 1225 | 1229 | | | | | |
| L249W | 51006 | 51170 | 1229 | 1232 | | 4.4 | | | |
| L250E | 51171 | 51300 | 1233 | 1235 | | ✓ | | | |
| L251W | 51301 | 51450 | 1236 | 1238 | | ✓ | | | |
| L252E | 51451 | 51575 | 1239 | 1241 | | ✓ | | | |
| L253W | 51576 | 51740 | 1241 | 1244 | | ✓ | | | |
| L254E | 51741 | 51885 | 1245 | 1247 | | ✓ | | | |
| L255W | 51886 | 52040 | 1248 | 1251 | | ✓ | | | |
| L256E | 52041 | 52205 | 1251 | 1254 | | ✓ | | | |
| L257W | 52206 | 52395 | 1255 | 1258 | | | | | |
| | ~~52346~~ | | | | | | | | |

DY308

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 59
Date 4 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport
Take off 1328 Land 1650
Flight time 3:22 (182.4)
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| L258E | 52397 | 52565 | 1337 | 1340 | | 4.4 | | | |
| L259W | 52566 | 52695 | 1341 | 1343 | | 4.4 | | | |
| L260E | 52696 | 52825 | 1344 | 1346 | | 4.4 | | | |
| ~~L261W~~ | ~~52826~~ | ~~52970~~ | ~~1346~~ | ~~1349~~ | | | | SCRUB | |
| ~~L262E~~ | | | | | | | | | |
| T53S | 52972 | 53945 | 1400 | 1416 | | 28.4 | | | |
| T54N | 53946 | 54700 | 1416 | 1429 | | 28.4 | | | |
| T55S | 54701 | 55645 | 1430 | 1445 | | 28.4 | | | |
| T56N | 55646 | 56425 | 1446 | 1459 | | 28.4 | | | |
| | | | | | | | | | |
| L261E | 56427 | 56555 | 1536 | 1538 | | 3.4 | | | |
| L262W | 56556 | 56700 | 1539 | 1541 | | ✓ | | | |
| L263E | 56701 | 56820 | 1542 | 1544 | | ✓ | | | |
| L264W | 56821 | 56965 | 1544 | 1547 | | ✓ | | | |
| L265E | 56966 | 57095 | 1547 | 1549 | | ✓ | | | |
| L266W | 57096 | 57235 | 1550 | 1552 | | ✓ | | | |
| L267E | 57236 | 57375 | 1553 | 1555 | | ✓ | | | |
| L268W | 57376 | 57530 | 1556 | 1558 | | ✓ | | | |
| T57S | 57532 | 58480 | 1609 | 1625 | | 28.4 | | | |
| | | | | | | | | | |
| TEST LINE | 58482 | 58615 | 1635 | 1637 | | | | | |
| BKGRND | 58616 | 58715 | 1637 | 1639 | | | | | |
| | | | | | | | | | |
| GND | 58716 | 58855 | 1646 | 1649 | | | | | |
| TH | 58856 | 58955 | 1651 | 1653 | | | | | |
| U | 58956 | 59065 | 1654 | 1656 | | | | | |
| GND | 59066 | 59185 | 1657 | 1659 | | | | | |
| | | | | | | | | | |

DY309

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT



Job No. 9304
Area 01
Flight 60
Date 5 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELCER
Co-Pilot —
Operator T. ATKINSON
Dataman Z. BELDI

Airport GERMANTOWN
Take off 1510 Land 1856
Flight time 3:46 (271)
Mag. Sens. F/S ... / ...
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 59187 | 59330 | 1450 | 1452 | | | | | |
| Th | 59331 | 59465 | 1453 | 1455 | | | | | |
| U | 59466 | 59630 | 1456 | 1458 | | | | | |
| GND | 59635 | 60140 | 1459 | 1508 | | | | | |
| | | | | | | | | | |
| TESTLINE | 60141 | 60275 | 1521 | 1524 | | | | | |
| BKGRND | 60276 | 60375 | 1524 | 1526 | | | | | |
| | | | | | | | | | |
| T465 | 60376 | 61330 | 1541 | 1557 | | 31.4 | | | |
| L378W | 61332 | 61775 | 1601 | 1608 | | 13.4 | | | |
| T2IN | 61777 | 62785 | 1614 | 1630 | | 57.4 | | ~~PARTIAL~~ COMPLETOR | |
| L269E | 62787 | 62895 | 1634 | 1636 | | 2.4 | | | |
| L270W | 62896 | 62995 | 1636 | 1638 | | ✓ | | | |
| L271E | 62996 | 63085 | 1638 | 1640 | | ✓ | | | |
| L272W | 63086 | 63195 | 1640 | 1642 | | ✓ | | | |
| L273E | 63196 | 63275 | 1643 | 1644 | | ✓ | | | |
| L274W | 63276 | 63370 | 1644 | 1646 | | ✓ | | | |
| L275E | 63371 | 63445 | 1647 | 1648 | | ✓ | | | |
| L276W | 63446 | 63535 | 1649 | 1650 | | ✓ | | | |
| L277E | 63536 | 63655 | 1652 | 1653 | | ✓ | | SWITCH PROBLEM. | |
| L278W | 63656 | 63745 | 1653 | 1655 | | ✓ | | | |
| L279E | 63746 | 63820 | 1655 | 1656 | | ✓ | | | |
| L280W | 63821 | 63915 | 1657 | 1658 | | ✓ | | | |
| L281E | 63916 | 63990 | 1659 | 1700 | | ✓ | | | |
| L282W | 63991 | 64080 | 1701 | 1702 | | ✓ | | | |
| L283E | 64081 | 64160 | 1703 | 1704 | | ✓ | | | |
| L284W | 64161 | 64295 | 1705 | 1707 | | ✓ | | | |
| L285E | 64296 | 64400 | 1707 | 1709 | | ✓ | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 60
Date 5 / 11 / 93
Day Mo. Yr.
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L286W | 64401 | 64510 | 1710 | 1712 | | 2.4 | | | |
| L287E | 64511 | 64600 | 1712 | 1714 | | " | | | |
| L288W | 64601 | 64705 | 1714 | 1716 | | " | | | |
| L289E | 64706 | 64800 | 1716 | 1718 | | " | | | |
| L290W | 64801 | 64905 | 1718 | 1720 | | " | | | |
| L291E | 64906 | 65000 | 1721 | 1722 | | " | | | |
| L292W | 65001 | 65120 | 1723 | 1725 | | " | | | |
| L293E | 65121 | 65220 | 1726 | 1727 | | " | | | |
| L294W | 65221 | 65310 | 1728 | 1730 | | " | | | |
| L295E | 65311 | 65380 | 1730 | 1731 | | " | | | |
| L296W | 65381 | 65475 | 1732 | 1734 | | " | | | |
| | | | | | | | | | |
| T22S | 65477 | 66470 | 1738 | 1755 | | 57.4 | | | |
| L377E | 66472 | 66870 | 1800 | 1807 | | 13.4 | | | |
| T47N | 66872 | 67990 | 1809 | 1827 | | 31.4 | | | |
| | | | | | | | | | |
| TESTLINE | 67992 | 68135 | 1840 | 1842 | | | | | |
| BKGND | 68136 | 68255 | 1842 | 1844 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 68256 | 68500 | 1853 | 1857 | | | | | |
| TH | 68501 | 68645 | 1858 | 1900 | | | | | |
| U | 68646 | 68755 | 1901 | 1903 | | | | | |
| GND | 68756 | 68925 | 1905 | 1908 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

DY310

Job No. 9304
Area 01
Flight 61
Date 6 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman Z. BELDI

Airport GERMANTOWN
Take off 0906 Land 1220
Flight time 3:14 (183)
Mag. Sens. F/S ... / ...
Fid. & Scan Interval ...
Svy. Alt. ...
Baro. Pres. ...
Baro. Alt. Correct ...
Rdr. Alt. Chart F/S ...

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 68927 | 69060 | 0849 | 0852 | | | | | |
| TL | 69061 | 69205 | 0852 | 0855 | | | | | |
| U | 69206 | 69335 | 0856 | 0858 | | | | | |
| GND | 69336 | 69470 | 0859 | 0901 | | | | | |
| | | | | | | | | | |
| TESTLINE | 69471 | 69620 | 0914 | 0916 | | | | | |
| BKGRND | 69621 | 69720 | 0916 | 0918 | | | | | |
| | | | | | | | | | |
| T48S | 69721 | 70735 | 0937 | 0954 | | 31.4 | | | |
| T49N | 70736 | 71810 | 0955 | 1013 | | 31.4 | | | |
| T50S | 71811 | 72790 | 1014 | 1030 | | 31.4 | | | |
| L376W | 72792 | 73300 | 1033 | 1042 | | 13.4 | | | |
| T24N | 73302 | 74615 | 1057 | 1119 | | 57.4 | | | |

DY310

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 62
Date 6 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman Z. BELDI

Airport
Take off 1251 Land 1723
Flight time 4:32 (253)
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| L225E | 74617 | 74790 | 1303 | 1306 | | 6.4 | | | |
| L226W | 74791 | 75025 | 1306 | 1310 | | ✓ | | | |
| L227E | 75026 | 75205 | 1311 | 1314 | | ✓ | | | |
| L228W | 75206 | 75435 | 1314 | 1318 | | ✓ | | | |
| L229E | 75436 | 75620 | 1319 | 1322 | | ✓ | | | |
| L230W | 75621 | 75860 | 1323 | 1327 | | ✓ | | | |
| L231E | 75861 | 76050 | 1329 | 1332 | | ✓ | | | |
| L232W | 76051 | 76275 | 1332 | 1336 | | ✓ | | | |
| L233E | 76276 | 76465 | 1337 | 1340 | | ✓ | | | |
| L234W | 76466 | 76705 | 1340 | 1344 | | ✓ | | | |
| ~~L235E~~ | ~~76706~~ | ~~76785~~ | ~~1351~~ | ~~1352~~ | | | | SCRUB | |
| L235W | 76786 | 76995 | 1354 | 1357 | | ✓ | | | |
| | | | | | | | | | |
| T58N | 76997 | 77970 | 1400 | 1416 | | 28.4 | | | |
| T59S | 77971 | 78830 | 1417 | 1432 | | 28.4 | | | |
| T60N | 78831 | 79785 | 1433 | 1449 | | 28.4 | | | |
| T52S | 79786 | 80620 | 1452 | 1506 | | 28.4 | | | |
| T51N | 80621 | 81535 | 1507 | 1522 | | 28.4 | | | |
| L375E | 81537 | 81930 | 1629 | 1636 | | 13.4 | | | |
| L374W | 81931 | 82455 | 1638 | 1647 | | 13.4 | | | |
| L373E | 82456 | 82840 | 1648 | 1654 | | 13.4 | | | |
| | | | | | | | | | |
| TESTLINE | 82842 | 82965 | 1708 | 1710 | | | | | |
| BKGRND | 82966 | 83080 | 1710 | 1712 | | | | | |
| GND | 83081 | 83290 | 1720 | 1723 | | | | | |
| Th | 83291 | 83560 | 1725 | 1730 | | | | | |
| U | ~~83561~~ 83736 | 83895 | 1734 | 1737 | | | | | |
| GND | 83896 | 84030 | 1738 | 1740 | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 63 DY311
Date 7 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman Z. BELDI

Airport GERMANTOWN
Take off 0917 Land 1247
Flight time 3:30 (156)
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 84032 | 84180 | 0859 | 0902 | | | | | |
| TH | 84181 | 84325 | 0903 | 0905 | | | | | |
| U | 84326 | 84455 | 0906 | 0908 | | | | | |
| GND | 84456 | 84620 | 0912 | 0914 | | | | | |
| | | | | | | | | | |
| TESTLINE | 84622 | 84755 | 0926 | 0928 | | | | | |
| BKGRND | 84756 | 84860 | 0929 | 0930 | | | | | |
| | | | | | | | | | |
| T23S | 84862 | 86125 | 0954 | 1015 | | | 30 | SOUTHERN HALF | |
| T25N | 86126 | 87140 | 1016 | 1033 | | | 30 | SOUTHERN HALF | |
| | | | | | | | | | |
| L297W | 87142 | 87245 | 1041 | 1042 | | | 2.4 | | |
| L298E | 87246 | 87330 | 1043 | 1044 | | | ✓ | | |
| L299W | 87331 | 87465 | 1045 | 1047 | | | ✓ | | |
| L300E | 87466 | 87570 | 1048 | 1049 | | | ✓ | | |
| L301W | 87571 | 87715 | 1050 | 1052 | | | ✓ | | |
| L302E | 87716 | 87810 | 1053 | 1054 | | | ✓ | | |
| L303W | 87811 | 87940 | 1055 | 1057 | | | ✓ | | |
| L304E | 87941 | 88025 | 1057 | 1059 | | | ✓ | | |
| L305W | 88026 | 88130 | 1059 | 1101 | | | ✓ | | |
| L306E | 88131 | 88215 | 1102 | 1103 | | | ✓ | | |
| L307W | 88216 | 88320 | 1104 | 1106 | | | ✓ | | |
| L308W | 88321 | 88435 | 1132 | 1134 | | | ✓ | | |
| L309E | 88436 | 88510 | 1135 | 1136 | | | ✓ | | |
| L310W | 88511 | 88630 | 1137 | 1139 | | | ✓ | | |
| L311E | 88631 | 88710 | 1139 | 1141 | | | ✓ | | |
| L312W | 88711 | 88825 | 1141 | 1143 | | | ✓ | | |
| L313E | 88826 | 88900 | 1143 | 1145 | | | ✓ | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 63 DY311
Date 7 / 11 / 93 (Day / Mo. / Yr.)
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L314W | 88901 | 89005 | 1145 | 1147 | | | ✓ | | |
| L315E | 89006 | 89075 | 1147 | 1148 | | | ✓ | | |
| L316W | 89076 | 89175 | 1149 | 1151 | | | ✓ | | |
| L317E | 89176 | 89255 | 1151 | 1152 | | | ✓ | | |
| L318W | 89256 | 89355 | 1153 | 1155 | | | ✓ | | |
| L319E | 89356 | 89440 | 1155 | 1156 | | | ✓ | | |
| L320W | 89441 | 89540 | 1157 | 1159 | | | ✓ | | |
| L321E | 89541 | 89625 | 1159 | 1200 | | | ✓ | | |
| L322W | 89626 | 89730 | 1201 | 1203 | | | ✓ | | |
| ~~L323E~~ | ~~89731~~ | 89735 | ~~1204~~ | ~~1204~~ | | | | SCRUB | |
| L323E | 89736 | 89820 | 1204 | 1205 | | | ✓ | | |
| L324W | 89821 | 89925 | 1206 | 1208 | | | ✓ | | |
| L325E | 89926 | 90010 | 1208 | 1210 | | | ✓ | | |
| L326W | 90011 | 90130 | 1210 | 1212 | | | ✓ | | |
| L327E | 90131 | 90210 | 1213 | 1214 | | | ✓ | | |
| L328W | 90211 | 90330 | 1214 | 1216 | | | ✓ | | |
| L329E | 90331 | 90415 | 1217 | 1218 | | | ✓ | | |
| L330W | 90416 | 90535 | 1219 | 1221 | | | ✓ | | |
| L331E | 90536 | 90645 | 1221 | 1223 | | | ✓ | | |
| ~~L332W~~ | ~~90646~~ | ~~90730~~ | ~~1224~~ | ~~1225~~ | | | | SCRUB | |
| L332E | 90731 | 90800 | 1227 | 1228 | | | ✓ | | |
| L333W | 90801 | 90915 | 1230 | 1231 | | | ✓ | | |
| L334E | 90916 | 90995 | 1232 | 1233 | | | ✓ | | |
| L335W | 90996 | 91085 | 1234 | 1235 | | | ✓ | | |
| L336E | 91086 | 91165 | 1236 | 1237 | | | ✓ | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 64 DY311
Date 7 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman EVA Z. BELDI

Airport ROSTREVOR
Take off 1311 Land 1751
Flight time 4:40 (314)
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L337E | 91167 | 91705 | 1321 | 1330 | | 2·4 | | | |
| T151S | 91707 | 92005 | 1336 | 1341 | | 8·4 | | | |
| T150N | 92006 | 92245 | 1341 | 1345 | | ✓ | | | |
| T149S | 92246 | 92535 | 1346 | 1351 | | ✓ | | | |
| T148N | 92536 | 92795 | 1352 | 1356 | | 29 ✓ | | | |
| T147S | 92796 | 93095 | 1357 | 1402 | | 21·5 | | | |
| T146N | 93096 | 93345 | 1402 | 1406 | | 23 ✓ | | | |
| T145S | 93346 | 93620 | 1407 | 1412 | | ✓ | | | |
| T144N | 93621 | 93850 | 1412 | 1416 | | ✓ | | | |
| T143S | 93851 | 94115 | 1417 | 1421 | | ✓ | | | |
| T142N | 94116 | 94360 | 1422 | 1426 | | ✓ | | | |
| T141S | 94361 | 94845 | 1427 | 1435 | | 13·4 | | | |
| T140N | 94846 | 95270 | 1435 | 1442 | | ✓ | | | |
| T139S | 95271 | 95715 | 1443 | 1450 | | ✓ | | RADIO TRANSMITTER ON GROUND | |
| T138N | 95716 | 96135 | 1451 | 1458 | | ✓ | | AFFECTED MAG. | |
| T137S | 96136 | 96605 | 1459 | 1506 | | ✓ | | | |
| T136N | 96606 | 97025 | 1507 | 1514 | | ✓ | | | |
| T135S | 97026 | 97475 | 1515 | 1522 | | ✓ | | | |
| T134N | 97476 | 97910 | 1523 | 1530 | | ✓ | | | |
| T133S | 97911 | 98330 | 1531 | 1538 | | ✓ | | | |
| T132N | 98331 | 98730 | 1539 | 1545 | | ✓ | | | |
| T131S | 98731 | 99165 | 1605 | 1612 | | ✓ | | | |
| T130N | 99166 | 99555 | 1613 | 1619 | | ✓ | | | |
| T129S | 0 | 390 | 1620 | 1627 | | ✓ | | | |
| T128N | 391 | 765 | 1627 | 1633 | | ✓ | | | |
| T127S | 766 | 1175 | 1634 | 1641 | | ✓ | | | |
| ~~T126N~~ | ~~1176~~ | ~~1585~~ | ~~1642~~ | ~~1648~~ | | | | SCRUB | |
| T125S | 1587 | 1970 | 1653 | 1659 | | ✓ | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 64 DY311
Date 7 / 11 / 93 (Day / Mo. / Yr.)
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| T124N | 1971 | 2375 | 1700 | 1707 | | 13.4 | | | |
| TESTLINE | 2377 | 2500 | 1738 | 1740 | | | | | |
| BKGRND | 2501 | 2590 | 1740 | 1741 | | | | | |
| GND | 2591 | 3070 | 1748 | 1756 | | | | | |
| Th | 3071 | 3220 | 1757 | 1800 | | | | | |
| U | 3221 | 3355 | 1801 | 1803 | | | | | |
| GND | 3356 | 3495 | 1804 | 1806 | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 65 DY312
Date 8 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman Z. BELDI

Airport GORMANTOWN
Take off 0939 Land 1217
Flight time 2:38
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt |
| Bi214 | CTS | Mlt |
| TL208 | CTS | Mlt |
| TC | CTS | Mlt |
| Sample Rate | | Sec |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | ~~3646~~ 3771 | ~~3770~~ 3900 | ~~0915~~ 0918 | ~~0917~~ 0920 | | | | | |
| TH | ~~3512~~ ~~3646~~ | ~~3645~~ | ~~0909~~ | ~~0917~~ | | | | | |
| U | 3901 | 4040 | 0921 | 0923 | | | | | |
| GND | 4041 | 4190 | 0924 | 0927 | | | | | |
| | | | | | | | | | |
| TESTLINE | 4191 | 4330 | 0947 | 0949 | | | | | |
| BKGND | 4331 | 4435 | 0949 | 0951 | | | | | |
| | | | | | | | | | |
| L338W | 4437 | 5015 | 1012 | 1022 | | | | | |
| L339E | 5016 | 5455 | 1022 | 1030 | | | | | |
| L340W | 5456 | 5915 | 1030 | 1038 | | | | | |
| L341E | 5916 | 6385 | 1038 | 1046 | | | | | |
| L342W | 6386 | 6845 | 1047 | 1054 | | | | | |
| L343E | 6846 | 7310 | 1055 | 1103 | | | | | |
| L344W | 7311 | 7795 | 1103 | 1111 | | | | | |
| L345E | 7796 | 8300 | 1112 | 1120 | | | | | |
| L346W | 8301 | 8800 | 1121 | 1129 | | | | | |
| L347E | 8801 | 9330 | 1129 | 1138 | | | | | |
| L348W | 9331 | 9935 | 1148 | 1158 | | | | EVASIVE ACTION DUE W.T. EAGLE @ FID 9740 | |
| T126S | 9937 | 10375 | 1201 | 1208 | | | | REFLIGHT | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 66 DY312
Date 8 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman Z. BELDI

Airport ROSTREVOR
Take off 1302 Land 1515
Flight time 1550 2:45 1627
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L349E | 10377 | 10845 | 1313 | 1321 | | | | | |
| L350W | 10846 | 11460 | 1322 | 1332 | | | | | |
| L351E | 11461 | 11975 | 1332 | 1341 | | | | | |
| L352W | 11976 | 12605 | 1342 | 1352 | | | | | |
| L353E | 12606 | 13105 | 1353 | 1401 | | | | | |
| L354W | 13106 | 13630 | 1403 | 1411 | | | | | |
| L355E | 13631 | 14055 | 1412 | 1419 | | | | | |
| L356W | 14056 | 14585 | 1420 | 1429 | | | | | |
| L357E | 14586 | 15000 | 1429 | 1436 | | | | | |
| L358W | 15001 | 15525 | 1437 | 1445 | | | | | |
| L359E | 15526 | 15925 | 1446 | 1452 | | | | | |
| L360W | 15926 | 16400 | 1453 | 1501 | | | | | |
| | | | | | | | | | |
| TESTLINE | 16402 | 16530 | 1608 | 1610 | | | | | |
| BKGRND | 16531 | 16620 | 1610 | 1612 | | | | | |
| | | | | | | | | | |
| GND | 16621 | 16845 | 1619 | 1623 | | | | | |
| Th | 16846 | 16945 | 1624 | 1626 | | | | | |
| U | 16946 | 17125 | 1627 | 1630 | | | | | |
| GND | 17126 | 17275 | 1631 | 1633 | | | | | |

L96 CLC
570200

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 67 DY315
Date 11 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHS
Pilot T. FELLER
Co-Pilot
Operator I. ATKINSON
Dataman Z. BECDI

Airport GERMANTOWN
Take off 0838 Land 1219
Flight time 3:41
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 17277 | 17480 | 0821 | 0824 | | | | | |
| TL | 17481 | 17600 | 0825 | 0827 | | | | | |
| U | 17601 | 17700 | 0828 | 0830 | | | | | |
| GND | 17701 | 17845 | 0831 | 0834 | | | | | |
| | | | | | | | | | |
| TESTLINE | 17846 | 17975 | 0846 | 0848 | | | | | |
| BKGRND | 17976 | 18070 | 0848 | 0850 | | | | | |
| | | | | | | | | | |
| L96W | 18071 | 18520 | 0906 | 0913 | | | | REFLIGHT OF W. END | |
| L361E | 18521 | 18965 | 0956 | 1004 | | | | | |
| L362W | 18966 | 19375 | 1004 | 1011 | | | | | |
| L363E | 19376 | 19820 | 1011 | 1019 | | | | | |
| L364W | 19821 | 20225 | 1019 | 1026 | | | | RTCM VOLTAGE (RO) | |
| L365E | 20226 | 20715 | 1026 | 1034 | | | | RO. | |
| L366W | 20716 | 21180 | 1035 | 1043 | | | | RO. NEAR AM TRANS- | |
| L367E | 21181 | 21670 | 1043 | 1051 | | | | RO. " " | MITTER " " |
| L368W | 21671 | 22125 | 1052 | 1059 | | | | RO. " | " " |
| L369E | 22126 | 22610 | 1100 | 1108 | | | | RO. | |
| L370W | 22611 | 23040 | 1108 | 1116 | | | | RO. | |
| L371E | 23041 | 23470 | 1116 | 1123 | | | | RO. | |
| L372W | 23471 | 23880 | 1124 | 1130 | | | | RO. | |
| L379E | 23881 | 24210 | 1131 | 1137 | | | | | |
| L380W | 24211 | 24480 | 1137 | 1142 | | | | | |
| L381E | 24481 | 24775 | 1142 | 1147 | | | | | |
| L382W | 24776 | 25045 | 1148 | 1152 | | | | | |
| L383E | 25046 | 25360 | 1153 | 1158 | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 01
Flight 68 DY315
Date 11 / 11 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman Z. BELDI

Airport GERMANTOWN
Take off 1504 Land 1755
Flight time 2:51
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L384W | 25362 | 25655 | 1527 | 1532 | | | | | |
| L385E | 25656 | 26000 | 1533 | 1538 | | | | | |
| L386W | 26001 | 26270 | 1539 | 1544 | | | | | |
| L387E | 26271 | 26615 | 1544 | 1550 | | | | | |
| L388W | 26616 | 26880 | 1550 | 1555 | | | | | |
| L389E | 26881 | 27230 | 1555 | 1601 | | | | | |
| L390W | 27231 | 27490 | 1601 | 1606 | | | | | |
| L391E | 27491 | 27860 | 1606 | 1612 | | | | | |
| L392W | 27861 | 28160 | 1613 | 1618 | | | | | |
| L393E | 28161 | 28530 | 1618 | 1624 | | | | | |
| L394W | 28531 | 28815 | 1625 | 1629 | | | | | |
| L395E | 28816 | 29170 | 1630 | 1636 | | | | | |
| L396W | 29171 | 29445 | 1636 | 1641 | | | | | |
| L397E | 29446 | 29765 | 1641 | 1647 | | | | | |
| L398W | 29766 | 30035 | 1647 | 1652 | | | | | |
| L399E | 30036 | 30385 | 1652 | 1658 | | | | | |
| L400W | 30386 | 30675 | 1659 | 1703 | | | | | |
| L401E | 30676 | 31005 | 1704 | 1709 | | | | | |
| L402W | 31006 | 31270 | 1710 | 1714 | | | | | |
| L403E | 31271 | 31610 | 1715 | 1721 | | | | | |
| | | | | | | | | | |
| TESTLINE | 31612 | 31790 | 1739 | 1742 | | | | | |
| BKGRND | 31791 | 31930 | 1743 | 1745 | | | | | |
| | | | | | | | | | |
| GND | 31931 | 32065 | 1752 | 1754 | | | | | |
| Th | 32066 | 32170 | 1757 | 1759 | | | | | |
| U | 32171 | 32285 | 1759 | 1801 | | | | | |
| GND | 32286 | 32435 | 1802 | 1805 | | | | | |

# APPENDIX 3

## RAW FLIGHT LOGS

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Mt Horror |
| Area: | 2 |
| Flight: | 25 - 31 |

DY284

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT



Job No. 9304
Area 02
Flight 25
Date 11 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot —
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 0855 Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 96542 | 96660 | 0830 | 0832 | | | 810, 50, 30, 35 | | |
| Th | 96661 | 96755 | 0833 ~~0833~~ | 0836 ~~0835~~ | | | 1430, 80, 40, 85 | | |
| U | 96756 | 96865 | 0837 | 0839 | | | 2890, 170, 195, 40 | | |
| GND | 96866 | 96940 | 0839 | 0840 | | | 800, 50, 30, 35 | | |
| | | | | | | | | | |
| TESTLINE | 96941 | 97055 | 0907 | 0909 | | | | | |
| BKGRND | 97056 | 97165 | 0910 | 0911 | | | | | |
| | | | | | | | | | |
| L1E | 97166 | 97415 | 0923 | 0927 | | | | | |
| L2W | 97416 | 97720 | 0929 | 0934 | | | | | |
| L3E | 97721 | 98025 | 0935 | 0940 | | | | | |
| L4W | 98026 | 98335 | 0941 | 0946 | | | | | |
| L5E | 98336 | 98605 | 0947 | 0952 | | | | | |
| L6W | 98606 | 98905 | 0953 | 0958 | | | | ✓ | TBR X |
| L7E | 98906 | 99170 | 0959 | 1003 | | | | | |
| L8W | 99171 | 99490 | 1005 | 1010 | | | | | |
| L9E | 99491 | 99770 | 1012 | 1016 | | | | | |
| L10W | 99771 | 100085 | 1017 | 1023 | | | | | |
| L11E | 100086 | 100385 | 1024 | 1029 | | | | | |
| L12W | 100386 | 100680 | 1030 | 1035 | | | | | |
| L13E | 100681 | 100965 | 1037 | 1042 | | | | | |
| L14W | 100966 | 101310 | 1043 | 1048 | | | | | |
| L15E | 101311 | 101625 | 1049 | 1054 | | | | | |
| L16W | 101626 | 101930 | 1056 | 1101 | | | | | |
| L17E | 101931 | 102215 | 1102 | 1107 | | | | | |
| L18W | 102216 | 102540 | 1108 | 1113 | | | | | |
| L19E | 102541 | 102945 | 1117 | 1123 | | | | | |
| L20W | 102946 | 103125 | 1132 | 1135 | | | | SCRUB | |

DY 284

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT



Job No. 9304
Area 02
Flight 25
Date 11 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDORT
Take off ____ Land 1253
Flight time ____
Mag. Sens. F/S ____ / ____
Fid. & Scan Interval ____
Svy. Alt. ____
Baro. Pres. ____
Baro. Alt. Correct ____
Rdr. Alt. Chart F/S ____

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ____ Ft. at ____ MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L20W | 103126 | 103530 | 1138 | 1144 | | | | RTCM OUTAGE GOOD @ 103235 | |
| L21E | 103531 | 103930 | 1145 | 1152 | | | | | |
| L22W | 103931 | 104435 | 1153 | 1201 | | | | | |
| L23E | 104436 | 104855 | 1203 | 1210 | | | | | |
| L24W | 104856 | ⊠ | 1211 | 1219 | | | | | |
| L25E | | 105740 | 1220 | 1227 | | | | | |
| L26W | 105741 | 106195 | 1227 | 1235 | | | | | |

DY 284

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT



Job No. 9304
Area 02
Flight 26
Date 11 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 1356 Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L52E | 0 | 380 | 1411 | 1417 | | | | | |
| L51W | 381 | 815 | 1418 | 1425 | | | | | |
| L50E | 816 | 1210 | 1426 | 1433 | | | | | |
| L49W | 1211 | 1650 | 1433 | 1441 | | | | | |
| L48E | 1651 | 2050 | 1442 | 1448 | | | | | |
| L47W | 2051 | 2545 | 1449 | 1457 | | | | | |
| L46E | 2546 | 2930 | 1458 | 1504 | | | | | |
| L45W | 2931 | 3390 | 1505 | 1513 | | | | | |
| L44E | 3391 | 3785 | 1514 | 1520 | | | | | |
| L43W | 3786 | 4245 | 1521 | 1529 | | | | | |
| L42E | 4246 | 4640 | 1530 | 1536 | | | | | |
| L41W | 4641 | 5110 | 1537 | 1545 | | | | | |
| L40E | 5111 | 5510 | 1546 | 1553 | | | | | |
| L39W | 5511 | 5980 | 1553 | 1601 | | | | | |
| L38E | 5981 | 6350 | 1603 | 1609 | | | | | |
| L37W | 6351 | 6800 | 1610 | 1617 | | | | | |
| L36E | 6801 | 7185 | 1618 | 1625 | | | | | |
| L35W | 7186 | 7630 | 1626 | 1633 | | | | | |
| L34E | 7631 | 8025 | 1634 | 1641 | | | | DEVIATE FROM TRACK TO AVOID DAIRY 7960 | |
| L33W | 8026 | 8495 | 1642 | 1650 | | | | | |
| L32E | 8496 | 8870 | 1651 | 1657 | | | | | |
| L31W | 8871 | 9345 | 1658 | 1706 | | | | | |
| L30E | 9346 | 9705 | 1707 | 1713 | | | | | |
| L29W | 9706 | 10130 | 1714 | 1721 | | | | | |
| L28E | 10131 | 10480 | 1722 | 1728 | | | | | |
| L27W | 10481 | 10930 | 1729 | 1736 | | | | | |
| | | | | | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 02
Flight 26
Date 11 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land 1810
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| TESTLINE | 10932 | 11065 | 1759 | 1801 | | | | | |
| BKGRND | 11066 | 11170 | 1803 | 1805 | | | | | |
| | | | 1816 | | | | | | |
| GND | 11171 | 11295 | ~~1820~~ | 1818 | | | 830, 55, 30, 35 | | |
| Th | 11296 | 11410 | 1818 | 1820 | | | 1450, 80, 40, 90 | | |
| U | 11411 | 11525 | 1821 | 1823 | | | 2950, 175, 195, 45 | | |
| GND | 11526 | 11625 | 1824 | 1826 | | | 820, 55, 30, 40 | | |

DY285

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 02
Flight 27
Date 12 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 0857 Land 1300
Flight time
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | 12196 | 12210 | | | | | | SCRUB | |
| GND | 12211 | 12350 | 0832 | 0834 | | | 805, 55, | 25, 35 | |
| Th | 12351 | 12470 | 0835 | 0837 | | | 1430, 80, | 40, 90 | |
| U | 12471 | 12595 | 0837 | 0839 | | | 2850, 175, | 190, 40 | |
| GND | 12596 | 12720 | 0839 | 0841 | | | 820, 55, | 25, 35 | |
| | | | | | | | | | |
| TESTLINE | 12721 | 12845 | 0909 | 0911 | | | | | |
| BKGRND | 12846 | 12960 | 0912 | 0914 | | | | | |
| | | | | | | | | | |
| T1S | 12961 | 13425 | 0923 | 0931 | | | | | |
| T2N | 13426 | 13955 | 0932 | 0941 | | | | | |
| T3S | 13956 | 14470 | 0942 | 0951 | | | | | |
| T4N | 14471 | 15015 | 0952 | 1001 | | | | | |
| T5S | 15016 | 15580 | 1002 | 1011 | | | | CHECK MAD | |
| T6N | 15581 | 16120 | 1012 | 1021 | | | | ✓ | TBR |
| T7S | 16121 | 16660 | 1023 | 1032 | | | | | |
| T8N | 16661 | 17180 | 1035 | 1043 | | | | | |
| T9S | 17181 | 17680 | 1045 | 1053 | | | | | |
| T11N | 17681 | 18355 | 1054 | 1106 | | | | | |
| T12S | 18356 | 18965 | 1107 | 1117 | | | | | |
| T13N | 18966 | 19630 | 1119 | 1130 | | | | | |
| T14S | 19631 | 20240 | 1131 | 1141 | | | | | |
| T15N | 20241 | 20890 | 1142 | 1153 | | | | | |
| T16S | 20891 | 21550 | 1154 | 1205 | | | | | |
| T17N | 21551 | 22200 | 1206 | 1217 | | | | | |
| T18S | 22201 | 22800 | 1218 | 1228 | | | | | |
| T10N | 22801 | 23325 | 1231 | 1239 | | | | | |
| | | | | | | | | | |

DY285

GEO INSTRUMENTS
Pty. Limited (Inc in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 02
Flight 28
Date 12 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 1404 Land 1728
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| T19N | 23327 | 23920 | 1427 | 1436 | | | | | |
| T20S | 23921 | 24525 | 1438 | 1448 | | | | RTCM OUTAGE. GOOD @ 24125 | |
| T21N | 24526 | 25185 | 1449 | 1500 | | | | | ✓ TBR X |
| T22S | 25186 | 25750 | 1502 | 1511 | | | | | ✓ TBR X |
| T23N | 25751 | 26390 | 1512 | 1522 | | | | MAD HIGH @ START OF LINE. ✓ | TBR X |
| T24S | 26391 | ? | 1524 | 1534 | | | | | |
| T25N | | 27630 | 1535 | 1546 | | | | | |
| T26S | 27631 | 28225 | 1547 | 1557 | | | | | |
| T27N | 28226 | 28925 | 1558 | 1610 | | | | | |
| ~~T28S~~ | ~~28926~~ | ~~28940~~ | ~~1611~~ | ~~1611~~ | | | | SCRUB | |
| T28S | 28941 | 29540 | 1612 | 1622 | | | | ✓ | TBR X |
| T29N | 29541 | 30190 | 1624 | 1635 | | | | | |
| T30S | 30191 | 30780 | 1636 | 1646 | | | | MAD 1.008 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TESTLINE | 30782 | 30935 | 1715 | 1718 | | | | | |
| BKGRND | 30936 | 31040 | 1719 | 1721 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 31041 | 31155 | 1733 | 1735 | | | 640, 50, | 30, 35 | |
| | 31156 | 31170 | 1736 | 1736 | | | | SCRUB | |
| TH | 31171 | 31285 | 1737 | 1739 | | | 1460, 75, | 35, 100 | |
| U | 31286 | 31395 | 1739 | 1741 | | | 2850, 160, | 190, 45 | |
| GND | 31396 | 31510 | 1742 | 1744 | | | 630, 55, | 30, 35 | |
| | | | | | | | | | |
| | | | | | | | | | |

DY 286

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 02
Flight 29
Date 13 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 0904 Land 1255
Flight time
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 31512 | 31630 | 0848 | 0850 | | | 815, 55, 35, 40 | | |
| TL | 31631 | 31735 | 0850 | 0852 | | | 1435, 80, 40, 85 | | |
| U | 31736 | 31850 | 0853 | 0855 | | | 2850, 175, 200, 45 | | |
| GND | 31851 | 31950 | 0855 | 0857 | | | 810, 55, 35, 40 | | |
| | | | | | | | | | |
| TESTLINE | 31951 | 32070 | 0916 | 0918 | | | | | |
| BKGRND | 32071 | 32260 | 0919 | 0922 | | | | | |
| | | | | | | | | | |
| T21N | 32261 | 32871 | 0939 | 0949 | | | | REFLIGHT | |
| L6E | 32872 | 33135 | 0955 | 0959 | | | | REFLIGHT | |
| T22S | 33136 | 33795 | 1005 | 1016 | | | ✓ TBR | RTCM OUTAGE. REFLIGHT | 33550 – 33620 |
| T23N | 33796 | 34420 | 1017 | 1028 | | | | RTCM OUTAGE REFLIGHT | 34275 – 34300 |
| T28S | 34421 | 35095 | 1031 | 1042 | | | | REFLIGHT | |
| | | | ⊠ | | | | | | |
| L92W | 35096 | 35595 | 1047 | 1056 | | | | | |
| L91E | 35596 | 36005 | 1057 | 1104 | | | | | |
| L90W | 36006 | 36460 | 1105 | 1113 | | | | | |
| L89E | 36461 | 36860 | 1114 | 1120 | | | | | |
| L88W | 36861 | 37320 | 1122 | 1129 | | | | | |
| L87E | 37321 | 37725 | 1130 | 1137 | | | | | |
| L86W | 37726 | 38195 | 1138 | 1146 | | | | | |
| L85E | 38196 | 38585 | 1146 | 1153 | | | | | |
| L84W | 38586 | 39045 | 1154 | 1201 | | | | | |
| L83E | 39046 | 39415 | 1203 | 1209 | | | | | |
| L82W | 39416 | 39910 | 1210 | 1218 | | | | | |
| L81E | 39911 | | 1219 | 1226 | | | | | |
| L80W | | 40790 | 1227 | 1235 | | | | | |
| | | | | | | | | | |

DY 286

# GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)
## OPERATORS FLIGHT REPORT



Job No. 9304
Area 02
Flight 30
Date 13 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 1359 Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L53E | 40792 | 41145 | 1414 | 1420 | | | | | |
| L54W | 41146 | 41575 | 1421 | 1428 | | | | | |
| L55E | 41576 | 41950 | 1429 | 1435 | | | | | |
| L56W | 41951 | 42390 | 1436 | 1443 | | | | RTCM LOST. V | TBR x |
| L57E | 42392 | 42735 | 1537 | 1542 | | | | | |
| L58W | 42736 | 43155 | 1543 | 1550 | | | | | |
| L59E | 43156 | 43495 | 1551 | 1556 | | | | | |
| L60W | 43496 | 43940 | 1557 | 1604 | | | | | |
| L61E | 43941 | 44300 | 1605 | 1611 | | | | | |
| L62W | 44301 | 44745 | 1612 | 1619 | | | | | |
| L63E | 44746 | 45110 | 1620 | 1626 | | | | | |
| L64W | 45111 | 45565 | 1627 | 1634 | | | | | |
| L65E | 45566 | 45945 | 1635 | 1641 | | | | | |
| L66W | 45946 | 46405 | 1642 | 1650 | | | | | |
| L67E | 46406 | 46780 | 1651 | 1657 | | | | | |
| L68W | 46781 | 47295 | 1658 | 1706 | | | | | D/ TBR x |
| L69E | 47296 | 47745 | 1707 | 1714 | | | | | |
| L70W | 47746 | 48290 | 1715 | 1724 | | | | | |
| L71E | 48291 | 48745 | 1725 | 1733 | | | | | |
| L72W | 48746 | 49270 | 1734 | 1742 | | | | | |
| L73E | 49271 | 49670 | 1743 | 1750 | | | | | |
| L74W | 49671 | 50130 | 1750 | 1758 | | | | | |
| L75E | 50131 | 50530 | 1759 | 1806 | | | | | |
| L76W | 50531 | 50965 | 1806 | 1814 | | | | | |
| L77E | 50966 | 51350 | 1815 | 1821 | | | | | |
| L78W | 51351 | 51785 | 1822 | 1829 | | | | | |
| L79E | 51786 | 52170 | 1830 | 1836 | | | | | |
| | | | | | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 02
Flight 30
Date 13 / 10 / 93 (Day / Mo. / Yr.)
Airplane
Pilot
Co-Pilot
Operator
Dataman

Airport
Take off Land 1910
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| TESTLINE | 52172 | 52310 | 1900 | 1902 | | | | | |
| BKGRND | 52311 | 52405 | 1903 | 1905 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 52406 | 52495 | 1914 | 1916 | | | 860, 60, | 35, 40 | |
| Th | 52496 | 52600 | 1917 | 1918 | | | 1480, 70, | 35, 85 | |
| U | 52601 | 52690 | 1919 | 1921 | | | 2920, 175, | 200, 45 | |
| GND | 52691 | 52815 | 1922 | 1923 | | | 850, 55, | 30, 40 | |

DY 287

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 02
Flight 31
Date 14 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot —
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 1002 Land 1200
Flight time
Mag. Sens. F/S / 
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 52817 | 52900 | 0946 | 0947 | | | 850, 55, 30, 35 | | |
| Th | 52901 | 52995 | 0948 | 0950 | | | 1480, 75, | 45, 90 | |
| U | 52996 | 53085 | 0951 | 0952 | | | 2900, 170, | 195, 45 | |
| GND | 53086 | 53175 | 0953 | 0954 | | | 860, 55, | 30, 35 | |
| | | | | | | | | | |
| | | | | | | | | | |
| TESTLINE | 53176 | 53315 | 1038 | 1040 | | | | | |
| BKGRND | 53316 | 53415 | 1041 | 1043 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| L56E | 53416 | 53825 | 1054 | 1101 | | | REFLIGHT | | |
| L68W | 53826 | 54300 | 1103 | 1111 | | | REFLIGHT | | |
| T22N | 54302 | 54910 | 1118 | 1128 | | | REFLIGHT. | | |
| | | | | | | | | | |
| TESTLINE | 54912 | 55045 | 1149 | 1151 | | | | | |
| BKGRND | 55046 | 55150 | 1152 | 1154 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 55151 | 55270 | 1206 | 1208 | | | 840, 55, | 30, 40 | |
| Th | 55271 | 55390 | 1210 | 1212 | | | 1450, 75, | 45, 85 | |
| U | 55391 | 55480 | 1212 | 1214 | | | 2900, 165, | 185, 45 | |
| GND | 55481 | 55575 | 1214 | 1216 | | | 835, 55, | 30, 40 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

# APPENDIX 3

## RAW FLIGHT LOGS

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Pipers River |
| Area: | 3 |
| Flight: | 1 - 23 |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 3 BRIDPORT
Flight 01 Day 264
Date 21 / 09 / 93
Day Mo. Yr.
Airplane VH - FHB
Pilot PETER FRANKS
Co-Pilot —
Operator Z. BELDI
Dataman —

Airport BRIDPORT
Take off 14:22 Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| GND RUN | 1 | 200 | 14:04 | | | | | | |
| TH | 201 | 340 | | 14:13 | | | | | |
| UP. | 341 | 415 | 14:14 | | | | | | |
| GND RUN | 416 | 530 | | 14:17 | | | | | |
| TEST L | | | | | | | | | |
| ALT RUN | | | | | | | | | |
| TL120 | 702 | 1365 | | | | | | | |
| TL119 | 1364 | 2065 | | 15:00 | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 3 BRIDPORT
Flight 02 DAY 265
Date 22 / 09 / 93 (Day / Mo. / Yr.)
Airplane VH-FMS
Pilot PETER FRANKS
Co-Pilot —
Operator
Dataman TOM ATKINSON

Airport BRIDPORT
Take off 10:30 Land 13:06
Flight time 2:36
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header T. | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND CAL | 2067 | ~~2075~~ 2213 | ~~0929~~ ~~0948~~ | 750 | ~~50~~ | 25 | 35 | ~~SECTOR~~ | |
| Th | 2216 | 2425 | ~~1000~~ | 1000 | 55 | 30 | 55 | | |
| U | 2426 | 2545 | | 1800 | 105 | 110 | 35 | | |
| GND BKG | 2546 | 2635 | | | | | | | |
| TEST L. | 2636 | 2750 | 10:34 | | | | | | |
| ALT BKND | 2750 | | | | | | | | |
| T1185 | 2806 | | 10:40 | | | | | | |
| T1175 | | 4195 | | 11:04 | | | | | |
| L1W | 4196 | 6041 | 11:08 | 1 | | | | SPEC ALARM. LC. | |
| L2E | 6041 | 7620 | | 12:06 | | | | ~~LOW~~ | |
| L3W | 7621 | 9500 | 12:07 | 12:38 | | | | | |
| L4E | 9501 | | 12:40 | | | | | SPEC ALARM | LOW COUV |

Day 265

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

25.532

Job No. 9304
Area 3 BRIDPORT
Flight 03
Date '22 / 09 / 93 (Day / Mo. / Yr.)
Airplane VH-FMB
Pilot PETER FRANKS
Co-Pilot
Operator T. ATKINSON
Dataman Z. BELDI

Airport
Take off 1446 Land 1724
Flight time 2:38
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L5W | 10892 | 12675 | 1451 | 1521 | | | | | |
| L6E | 12676 | 13280 | 1523 | 1533 | | 25.532 | | SPEC "GAIN ERROR" DET. 4 | |
| L6E | 13281 | 14060 | 1533 | 1547 | 26.000 | | | | |
| L7W | 14061 | 14415 | 1548 | 1554 | | 38.000 | | SPEC "GAIN ERROR" DET. 3 | |
| L7W | 14416 | 14435 | | | | | | SCRUB | |
| L7W | 14436 | 14460 | | | | | | SCRUB | |
| L7W | 14461 | 15835 | 1600 | 1623 | 38.400 | | | | |
| L8E | 15836 | 17155 | 1625 | 1647 | | | | "GAIN ERROR" FID #16400 STAB K | |
| T11S | 17156 | 17750 | 1650 | 1700 | | | | | |
| T11SN | 17751 | 18335 | 1701 | 1710 | | | | | |
| T11S | 18336 | 18490 | 1711 | 1714 | | | | SCRUB | |
| | | | | | | | | | |
| Post Test line | 18492 | 18615 | 1717 | 1720 | | | | | |
| Post ALT BKG | 18616 | 18695 | 1720 | 1721 | | | | | |
| | | | | | TC | K | U | TH | |
| GND BKG | 18696 | 18775 | 1726 | 1728 | 800 | 55 | 25 | 40. | |
| GND TH. | 18922 | | 1753 | | | | | | |
| UN | 19065 | 19190 | 1756 | 2800 | 180 | 2008 | 45 | 60. | |
| GND | 19191 | 19315 | 17.58 | 18.00 | | | | | |

Day 266

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 5 Bridport
Flight 04
Date 23 / 9 / 93 (Day / Mo. / Yr.)
Airplane VH-FMB
Pilot Peter
Co-Pilot
Operator S. Adams.
Dataman

Airport Bridport.
Take off 9.30 Land 12.42
Flight time
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 19317 | 19450 | 9.06. | 9.08 | | | | | |
| TK | 19451 | 19590 | 9.09. | 9.11 | | | 1340, 68, 31, 80 | | |
| UN | 19591 | 19855 | 9.14 | 9.16. | | | 2600, 145, 171, 47 | | |
| GND | 19856 | 19970 | 9.18 | 9.20 | | | 800, 55, 30, 40 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TST | 19972 | | | | | | | | |
| ALT BGND | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | 9.33 | | | | | | |
| L9W | | 21575 | 9~~.03~~ | 10.05 ~~21575~~ | | | | | R |
| L10E | 21576 | 23035 | 10.08 | 10.32 | | | | Video changed. | L |
| L11W | 23036 | 24470 | 10.33 | 10.57 | | | | | R |
| L12E | 24471 | 25945 | 11.02 | 11.26 | | | | | |
| L13W | 25946 | 27350 | 11.27 | 11.51 | | | | | |
| L14E | 27351 | 28795 | 11.52. | 12.16 | | | | | |
| T114S | 28796 | 29356 | 12.19 | 12.29 | | | | | |
| T113E | 29356 | 29990 | 12.30 | 12.40 | | | | | |

D266

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 3 Bridport
Flight 05
Date 23 / 7 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot Peter Franks
Co-Pilot
Operator T. ATKINSON
Dataman

Airport Bridport
Take off 1416 Land 1715
Flight time
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| L15W | 29992 | 31440 | 1420 | 1444 | | | | | |
| L16E | 31441 | 32935 | 1445 | 1510 | | | | | |
| L17W | 32936 | 34405 | 1512 | 1536 | | | | | 170. |
| L18E | 34406 | 35865 | 1537 | 1602 | | | | | |
| L19W | 35866 | 37245 | 1602 | 1625 | | | | | .5 |
| L20E | 37246 | | 1626 | 1651 | | | | | |
| T112N | 38687 | 39265 | 1658 | 1707 | | | | | |
| TEST LINE | 39267 | 39385 | 1710 | 1712 | | | | POST FLIGHT | |
| BACKGR. | 39386 | 39445 | 1713 | 1714 | | | | POST FLIGHT ALT. | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| BGND | 39446 | 39575 | 17.27 | 17.29 | | | | | |
| Th | 39576 | 39720 | 17.30 | 18.32 | | | 1350, 80, 35, 80 | | |
| U | 39721 | 39870 | 1734 | 1736 | | | 2475, 150, 150, 40 | | |
| GND | 39871 | 40000 | 1736 | 1739 | | | 800, 55, 25, 35 | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT



Job No. 4304
Area 3 BRIDPORT
Flight 06 267
Date 24 / 09 / 93
Day Mo. Yr.
Airplane VH- FMB
Pilot PETER FRANKS
Co-Pilot
Operator
Dataman

Airport BRIDPORT
Take off Land 1153
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND BKND | 40192 | 40420 | 0824 | 08:31 | 880 | 50 | 25 | 35 55 | |
| TL | 40421 | 40530 | 08:32 | 08:35 | 1500 | 80 | 40 | 90 60 | |
| VN | 40531 | 40635 | 08:36 | 08:36 | 3000 | 170 | 200 | 40 60 | |
| GND | 40636 | 41020 | 08:37 | | 880 | 70 | 30 | 35 60. | |
| TEST L | 41021 | 41125 | 08:49 | | | | | | |
| ALT | 41126 | 41205 | 08:51 | | | | | | |
| T111S | 41206 | 41740 | 08:55 | 09:04 | | | | | |
| T110N | 41741 | 42341 | 09:05 | 09:15 | | | | | |
| | LANDED | | 09:16 | | | | | | |
| L21W | 42342 | 43745 | | 0946 | | | | M41 303 | Dan ~~A~~ R. |
| L22E | 43746 | 45140 | 0947 | 1012 | | | | | |
| L23W | 45141 | 46605 | 1013 | 1038 | | | | | |
| L24E | 46606 | 48060 | 1039 | 1103 | | | | | |
| T109S | 48061 | 48660 | 1107 | 1117 | | | | | |
| T108N | 48661 | 49280 | 1118 | 1128 | | | | | |
| T107S | 49281 | 49905 | 1129 | 1140 | | | | | |
| T106N | 49906 | 50495 | 1140 | 1150 | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 3 BRIDPORT
Flight 07 267
Date 24 / 9 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot
Operator T. ATKINSON
Dataman

Airport BRIDPORT
Take off 1355 Land 1705
Flight time
Mag. Sens. F/S / 
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L25W | 50497 | 51960 | 1359 | 1424 | | | | | |
| L26E | 51961 | 53310 | 1425 | 1447 | | | | | |
| L27W | 53311 | 54820 | 1448 | 1514 | | | | | |
| L28E | 54821 | 56225 | 1515 | 1538 | | | | | |
| L29W | 56226 | 57735 | 1540 | 1605 | | | | | |
| L30E | 57736 | 59115 | 1606 | 1630 | | | | | |
| T105S | 59117 | 59710 | 1635 | 1645 | | | | | |
| T104N | 59711 | 60330 | 1646 | 1656 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TESTLINE | 60332 | 60445 | 1658 | 1700 | | | | | |
| BKG. | 60446 | 60520 | 1700 | 1702 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 60521 | 60625 | 1711 | 1713 | | 920, 55, 30, 40 | | | |
| Th | 60626 | 60715 | 1714 | 1716 | | 1500, 80, 45, 90 | | | |
| U | 60716 | 60815 | 1716 | 1718 | | 2900, 175, 200, 45 | | | |
| GND | 60816 | 60940 | 1718 | 1720 | | 900, 55, 30, 40 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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DY268

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 3 ~~BARDO~~
Flight 8
Date 25 / 9 / 1993 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot P. FRANKS
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 0924 Land 1150
Flight time
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | | 61050 | 0840 | 0841 | | | | | |
| Th | 61051 | 61145 | 0841 | 0843 | | | 1500, 80, 45, 80 | | |
| U | 61146 | 61250 | 0844 | 0846 | | | 3070, 175, | 170, 55 | |
| GND | 61251 | 61450 | 0847 | ~~08~~51 | | | 900, 60, | 30, 40 | |
| | — REDO | GND CALS | DUE | DET 1 & 2 | POORLY TUNED | — | | | |
| GND | 61451 | 61565 | 0910 | 0912 | | | 900, 60 | , 30, 40 | |
| Th | 61566 | 61660 | 0912 | 0914 | | | 1530, 75 | , 40, 90 | |
| U | 61661 | 61775 | 0914 | 0916 | | | 2950, 185 | , 190, 45. | |
| GND | 61776 | 61855 | 0916 | 0918 | | | 900, 55, | 30, 35 | |
| | | | | | | | | | |
| TEST LINE | 61857 | 61945 | 0928 | 0930 | | | | | |
| BKGR. | 61946 | 62040 | 0930 | 0932 | | | | | |
| | | | | | | | | | |
| L31W | 62041 | ~~6448~~ | 0937 | 1000 | | | | | |
| L32E | | 64885 | 1002 | 1025 | | | | | |
| L33W | 64886 | 66190 | 1030 | 1051 | | | | | |
| L34E | 66191 | 67535 | 1053 | 1115 | | | | | |
| T103S | 67537 | 68145 | 1120 | 1130 | | | | | |
| T102N | 68146 | 68740 | 1131 | 1140 | | | | | |
| | | | | | | | | | |
| TEST LINE | 68742 | 68850 | 1142 | 1144 | | | | | |
| BACKGR. | 68851 | 68915 | 1144 | 1146 | | | | | |
| | | | | | | | | | |
| ~~GND~~ | | | | | | | | | |
| GND. | 68917 | 69105 | 1158 | 1201 | | | 900, 60 | , 30, 40 | |
| Th. | 69106 | 69220 | 1202 | 1203 | | | 1500, 75 | , 45, 80 | |
| U | 69221 | 69310 | 1204 | 1206 | | | 2850, 170 | , 175, 50 | |
| GND | 69311 | 69400 | 1206 | 1207. | | | 910, 60 | , 30, 40 | |

Day 269

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area A3
Flight 09
Date 26 / 9 / 93 (Day / Mo. / Yr.)
Airplane VH ~~BEW~~ FHB
Pilot ~~Tom Atkins~~ Tony Feller.
Co-Pilot
Operator S. Adams
Dataman

Airport Bridport.
Take off 9.46 Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt. 250
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 69432 | ~~69560~~ 69560 | 9.26.30 | 9.28.30 | | | | | |
| Th | 69561 | 69695 | 9.29.30. | 9.31.30 | | | 1460 80 | 35 75 60 | |
| Un | 69696 | 69820 | 9.32.30 | 9.34.30 | | | 2700 150 | 170 45 60 | |
| GND | 69821 | 69940 | 9.35 | 9.37 | | | 840 60 | 30 40 50 | |
| | | | | | | | | | |
| | | | | | | | | | |
| TST LINE | | | | | | | | | |
| ALT BGN | | | | | | | | | |
| | | Cancelled. | Due | to | Stollen | Radios | | | |

Day 271

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 3
Flight 10
Date 28 / 9 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot Tony Feller
Co-Pilot
Operator S. Adams
Dataman

Airport Bridport
Take off 13.04 Land 16.51
Flight time
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | | 70275 | 12.03 | 12.05 | G10 | | 830 | 60 30 | 29 |
| TL | 70276 | 70410 | 12.06. | 12.08 | | | 13.40 | 75 35 | 84 |
| Un | 70411 | 70540 | 12.09 | 12.11 | | | 2600 | 150 175 | 36 |
| GND | 70541 | 70715 | 12.12 | 12.14 | | | 820 | 60 30 | 30 |
| | | | | | | | | | |
| | | | | | | | | | |
| TST L | 70716 | 70835 | 13.11 | 13.13 | C | | | | |
| ALT BGND | 70836 | 70945 | 13.13 | 13.16 | Y | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| L35 | 70946 | 72410 | 13.22 | 13.46 | | | | | |
| L36 | 72411 | 73975 | 13.48 | 14.14 | | | | | |
| L37 | 73976 | 75420 | 14.16 | 14.40 | | | | | |
| L38 | 75421 | 76940 | 14.41 | 14.07 | | | | | |
| L39 | 76941 | 78340 | 15.08 | 15.32 | | | | | |
| L40 | 78341 | 79805 | 15.33 | 15.58 | | | | | |
| T102 | 79806 | 80425 | 16.07 | 16.18 | | | | | |
| T101 | 80426 | | 16.19 | 16.29 | | | | | |
| T100 | 0 | 600 | 16.30 | 16.40 | | | | | |
| | | | | | | | | | |
| TST | 602 | 720 | 16.43 | 16.45 | x10 | | | | |
| ALT | 721 | 825 | 16.45 | 16.47 | Z | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 826 | 925 | 16.55 | 16.57 | H | | | | |
| TL | 926 | 1060 | 16.58 | 17.00 | | | 1340 | 70 40 | 86 |
| Un | 1061 | 1165 | 17.01 | 17.03 | | | 2500 | 150 170 | 40 |
| GND | 1166 | 1330 | 17.04 | 17.06 | | | 850 | 55 29 | 40 |

DY272

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 11
Date 29 / 9 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 0913 Land 1227
Flight time
Mag. Sens. F/S / 
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 1336 | 1470 | 0830 | 0832 | | | 880, 50, | 35, 35 | |
| Th | 1471 | 1585 | 0833 | 0835 | | | 1480, 80, | 40, 85 | |
| U | 1586 | 1710 | 0836 | 0838 | | | 2800, 160, | 200, 50 | |
| GND | 1711 | 1820 | 0838 | 0840 | | | 900, 55, | 30, 40 | |
| | | | | | | | | | |
| | | | | | | | | | |
| TEST LINE | 1821 | 1950 | 0918 | 0920 | | | | | |
| BKGRND | 1951 | 2050 | 0921 | 0922 | | | | | |
| | | | | | | | | | |
| L41W | 2051 | 3425 | 0930 | 0953 | | | | MAD 0.443 | |
| L42E | 3426 | 3495 | 0955 | 0956 | | | | SCRUB | |
| L42E | 3496 | 4930 | 0959 | 1022 | | | | FID 3815 ~~[illegible]~~ RTCM GOOD? | |
| L43W | 4931 | 6305 | 1024 | 1047 | | | | MAD 0.436 | |
| L44E | 6307 | 7710 | 1050 | 1113 | | | | | |
| L45W | 7711 | 9025 | 1117 | 1137 | | | | | |
| L46E | 9026 | 10330 | 1140 | 1202 | | | | NEW VIDEO | |
| | | | | | | | | | |
| T99N | 10332 | 10945 | 1211 | 1221 | | | | | |

DY 272

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 12
Date 29 / 9 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 1416 Land 1722
Flight time
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L47W | 10947 | 12170 | 1427 | 1447 | | | | MAD 0.7 | |
| L48E | 12171 | 13445 | 1449 | 1511 | | | | | |
| L49W | 13446 | 14635 | 1513 | 1532 | | | | MAD 2.2 at EASTERN END. POSSIBLY DID NOT "ZERO". | |
| L50E | 14636 | 15920 | 1534 | 1556 | | | | | |
| L51W | 15921 | 17135 | 1558 | 1618 | | | | MAD ~~0.48~~ 0.55 | |
| L52E | 17136 | 18485 | 1621 | 1643 | | | | | |
| | | | | | | | | | |
| T98N | 18486 | 18585 | 1653 | 1654 | | | | SCRUB | |
| T98N | 18586 | 19255 | 1657 | 1708 | | | | NEW VIDEO | |
| | | | | | | | | | |
| TEST LINE | 19257 | 19410 | 1711 | 1713 | | | | | |
| BKGRND | 19411 | 19485 | 1714 | 1716 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | 1150 | | |
| GND | 19486 | 19650 | 1726 | 1729 | | | ~~480~~, 70, 45, 45 | | |
| TG | 19651 | 19755 | 1729 | 1731 | | | 1670, 85, 50, 80 | | |
| U | 19756 | 19900 | 1731 | 1734 | | | 3000, 180, 205, 45 | | |
| GND | 19901 | 20035 | 1734 | 1736 | | | 1070, 70, 45, 45 | | |
| | | | | | | | | | |
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DY273

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

89 98 114 110

Job No. 9304
Area 03
Flight 13
Date 30 / 9 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot –
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 0900 Land 1231
Flight time
Mag. Sens. F/S / 
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct.
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| GND | | 20130 | 0843 | 0845 | | | 900, 55, | 30, 35 | |
| TL | 20131 | 20250 | 0845 | 0847 | | | 1420, 80, | 35, 75 | |
| U | 20251 | 20345 | 0848 | 0850 | | | 2520, 150, | 160, 50 | |
| GND. | 20346 | 20445 | 0851 | 0852 | | | 890, 60, | 30, 40 | |
| | | | | | | | | | |
| | | | | | | | | | |
| TEST LINE | 20446 | 20565 | 0910 | 0912 | | | | | |
| BKGRND | 20566 | 20650 | 0913 | 0914 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| L53W | 20651 | 21940 | 0922 | 0944 | | | | | |
| L54E | 21941 | 23240 | 0946 | 1008 | | | | | |
| | | | | | | | | | |
| T97N | 23242 | 23845 | 1017 | 1027 | | | | | |
| T96S | 23846 | 24460 | 1028 | 1038 | | | | | |
| | | | | | | | | | |
| L55W | 24462 | 25705 | 1047 | 1108 | | | | | |
| L56E | 25706 | 26935 | 1113 | 1133 | | | | | |
| L57W | 26936 | 28235 | 1137 | 1157 | | | | | |
| L58E | 28236 | 29425 | 1201 | 1220 | | | | MAD 0.359 | |
| | | | | | | | | | |
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DY273

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT



Job No. 9304
Area 03
Flight 14 sheet 1 of 2
Date 30 / 9 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 1351 Land
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| L59W | 29427 | 30605 | 14 | 1423 | | | | MAD 1.153 – OVER HOUSES? | |
| T2N | 30607 | 30645 | 1430 | 1431 | | | | | |
| T3S | 30646 | 30720 | 1432 | 1434 | | | | | |
| T4N | 30721 | 30815 | 1435 | 1437 | | | | | |
| T5S | 30816 | 30910 | 1438 | 1439 | | | | | |
| T6N | 30911 | 31020 | 1441 | 1443 | | | | | |
| T7S | 31021 | 31130 | 1444 | 1446 | | | | | |
| T8N | 31131 | ~~31131~~ | ~~1453~~ | | | | | SCRUB SYS FAILED TO SWITCH ONLINE | |
| T8N | 31131 | 31290 | 1450 | 1452 | | | | | |
| T9S | 31291 | 31435 | 1453 | 1456 | | | | | |
| T10N | 31436 | 31600 | 1457 | 1500 | | | | | |
| T11S | 31601 | 31775 | 1502 | 1504 | | | | | |
| T12N | 31776 | 31980 | 1506 | 1510 | | | | | |
| T13S | 31981 | 32185 | 1511 | 1515 | | | | | |
| T14N | 32186 | 32410 | 1517 | 1521 | | | | | |
| T15S | 32411 | 32635 | 1522 | 1526 | | | | | |
| T16N | 32636 | 32910 | 1527 | 1532 | | | | | |
| T17S | 32911 | 33165 | 1533 | 1537 | | | | | |
| T18N | 33166 | 33485 | 1539 | 1544 | | 0.442 | | STOPPED SHORT DUE TOWN | |
| T20S | 33486 | 33790 | 1547 | 1552 | | | | | |
| T19N | 33791 | 34135 | 1553 | 1559 | | | | | |
| T21S | 34136 | 34465 | 1601 | 1607 | | | | | |
| T22N | 34466 | 34825 | 1609 | 1615 | | | | | |
| T23S | 34826 | 35155 | 1616 | 1622 | | | | | |
| T24N | 35156 | 35560 | 1623 | 1630 | | | | | |
| T25S | 35561 | 35945 | 1632 | 1638 | | | | | |
| T26N | 35946 | 36420 | 1640 | 1648 | | | | | |

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 14 Sheet 2 of 2
Date 30 / 9 / 93 (Day / Mo. / Yr.)
Airplane
Pilot T. Feller
Co-Pilot
Operator T Atkinson.
Dataman

Airport BRIDPORT
Take off 1351 Land 1740
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| T27S | 36421 | 36825 | 1649 | 1656 | | | | | |
| L60E | 36827 | 38105 | 1700 | 1722 | | | | NEW VIDEO | |
| TEST LINE | 38107 | 38220 | 1730 | 1732 | | | | | |
| BKGRND | 38221 | 38335 | 1733 | 1735 | | | | | |
| GND | 38336 | 38460 | 1745 | 1747 | | | 930, 65, | 35, 40 | |
| Th | 38461 | 38595 | 1748 | 1750 | | | 1500, 70, | ~~40~~, 85 | |
| U | 38596 | | 1751 | 1753 | | | 2820, 180, | 180, 45 | |
| GND | 0 | 115 | 1753 | 1755 | | | 920, 60, | 35, 40 | |

DY 275

# GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

## OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 15
Date 2 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 1334 Land 1722
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 547 | 680 | 1319 | 1321 | | | 790, 50, 25, 35 | | |
| Th | 681 | 810 | 1322 | 1324 | | | 1380, 70, 40, 85 | | |
| U | 811 | 920 | 1325 | 1327 | | | 2750, 165, 185, 40 | | |
| GND | 921 | 1040 | 1328 | 1330 | | | 780, 55, 25, 40 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TEST LINE | 1041 | 1160 ~~1207~~ | | 1347 | | | | | |
| BKGRND | 1161 | 1275 | 1348 | 1350 | | | | | |
| | | | | | | | | | |
| L61W | 1276 | 2480 | 1358 | 1418 | | | | | |
| T28N | 2482 | 2970 | 1424 | 1432 | | | | | |
| T29S | 2971 | 3370 | 1434 | 1440 | | | | | |
| T30N | 3371 | 3880 | 1442 | 1450 | | | | | |
| T31S | 3881 | 3975 | 1456 | 1457 | | | SCRUB - | VHF RADIO COMM. | |
| T31S | 3976 | 4455 | 1500 | 1509 | | | | | |
| T32N | 4456 | 5020 | 1514 | 1523 | | | | | |
| T33S | 5021 | 5540 | 1524 | 1533 | | | | | |
| T34N | 5541 | 6150 | 1535 | 1545 | | | | | |
| T35S | 6151 | 6695 | 1547 | 1556 | | | | | |
| T36N | 6696 | 7305 | 1558 | 1608 | | | | | |
| T37S | 7306 | 7845 | 1609 | 1618 | | | | | |
| T38N | 7846 | 8440 | 1620 | 1630 | | | | | |
| T39S | 8441 | 8955 | 1631 | 1639 | | | | | |
| L62E | 8957 | 10075 | 1645 | 1703 | | | | | |
| TEST LINE | 10077 | 10190 | 1712 | 1714 | | | | | |
| BKGRND | 10191 | 10275 | 1715 | 1717 | | | 810 ~~820~~, | 55 ~~50~~, 30, 35 | |
| GND | 10276 | 10400 | 1728 | 1730 | | | | | |
| Th | 10401 | 10485 | 1731 | 1733 | | | 1310, | 70, 35, 75 | |
| U | 10486 | 10600 | 1734 | 1736 | | | 2500, | 150, 160, 40 | |
| GND | 10601 | 10710 | 1737 | 1738 | | | 790, | 55, 30, 35 | |

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 16
Date 3 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 0957 Land 1311
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 10802 | 10935 | 0842 | 0844 | | | 800, 50, 30, 35 | | |
| Th | 10936 | 11025 | 0845 | 0847 | | | 1430, 80, 35, 85 | | |
| U | 11026 | 11130 | 0848 | 0849 | | | 2880, 175, 190, 40 | | |
| GND | 11131 | 11215 | 0851 | 0852 | | | 780, 55, 30, 35 | | |
| | | | | | | | | | |
| TESTLINE | 11217 | 11360 | 0909 | 0911 | | | | | |
| BKGRND | 11361 | 11465 | 0912 | 0914 | | | | | |
| | | | | | | | | | |
| L63W | 11466 | 12500 | 0924 | 0941 | | | | | |
| T40N | 12502 | 13100 | 0949 | 0958 | | | | | |
| T41S | 13101 | 13665 | 1000 | 1009 | | | | | |
| T42N | 13666 | 14275 | 1012 | 1022 | | | | | |
| T43S | 14276 | 14830 | 1023 | 1032 | | | | | |
| T44N | 14831 | 15465 | 1035 | 1045 | | | | | |
| T45S | 15466 | 16095 | 1047 | 1057 | | | | | |
| T46N | 16096 | 16750 | 1059 | 1110 | | | | | |
| T47S | 16751 | 17350 | 1118 | 1128 | | | | | |
| T48N | 17351 | 17975 | 1130 | 1140 | | | | MAD 0.49 | |
| T49S | 17976 | 18580 | 1141 | 1150 | | | | | |
| T50N | 18581 | 19180 | 1154 | 1204 | | | | | |
| T51S | 19181 | 19745 | 1205 | 1215 | | | | | |
| L64E | 19747 | 21030 | 1222 | 1243 | | | | | |
| TEST LINE | 21032 | 21135 | 1301 | 1303 | | | | | |
| BKGRND | 21136 | 21250 | 1304 | 1306 | | | | | |
| GND | 21251 | 21340 | 1310 | 1312 | | | 850, 55, 30, 40 | | |
| Th | 21341 | 21455 | 1313 | 1315 | | | 1470, 75, 40, 80 | | |
| U | 21456 | 21565 | 1316 | 1318 | | | 2770, 170, 190, 45 | | |
| GND | 21566 | 21655 | 1319 | 1320 | | | 860, 55, 30, 40 | | |

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GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 17
Date 4 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 0923 Land 1321
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time EST Start | Local Time EST End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | | 21760 | 0758 | 0800 | | | 780, 50, 30, 35 | | |
| Th | 21761 | 21850 | 0801 | 0803 | | | 1400, 75, 40, 80 | | |
| U | 21851 | 21980 | 0804 | 0806 | | | 2900, 170, | 200, 40 | |
| GND | 21981 | 22090 | 0807 | 0809 | | | 780, 60, | 30, 40 | |
| | | | | | | | | | |
| TEST LINE | 22091 | 22205 | 0834 | 0836 | | | | | |
| BKGND | 22206 | 22335 | 0837 | 0839 | | | | | |
| | | | | | | | | | |
| L65W | 22336 | 23495 | 0849 | 0908 | | | | | |
| L66E | 23496 | 24655 | 0910 | 0929 | | | | | |
| L67W | 24656 | 25840 | 0932 | 0952 | | | | | |
| L68E | 25841 | 26960 | 0954 | 1012 | | | | | |
| L69W | 26961 | 28125 | 1015 | 1034 | | | | | |
| | | | | | | | | | |
| T52N | 28127 | 28665 | 1043 | 1052 | | | | | |
| T53S | 28666 | 29255 | 1114 | 1124 | | | | | |
| T54N | 29256 | 29765 | 1126 | 1134 | | | | | |
| T55S | 29766 | 30330 | 1135 | 1144 | | | | | |
| | | | | | | | | | |
| L70E | 30331 | 31385 | 1151 | 1208 | | | | | |
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| | | | | | | | | | 299.5 |

DY277

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 18
Date 4 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 1422 Land 1820
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans | | ~~Local~~ Time EST | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| T95S | 31387 | 32625 | 1334 | 1343 | | | MAD 1.063 | SWITCHED ON EARLY! | |
| T94N | 32626 | 33190 | 1345 | 1354 | | | | | |
| T93S | 33191 | 33740 | 1356 | 1405 | | | | | |
| T92N | 33741 | 34290 | 1407 | 1416 | | | | | |
| T91S | 34291 | 34840 | 1417 | 1426 | | | | | |
| T90N | 34841 | 35430 | 1428 | 1438 | | | | | |
| T89S | 35431 | 35965 | 1439 | 1448 | | | | | |
| T88N | 35966 | 36555 | 1450 | 1500 | | | | | |
| T87S | 36556 | 37095 | 1501 | 1510 | | | | | |
| T86N | 37096 | 37730 | 1512 | 1522 | | | | | |
| T85S | 37731 | 38295 | 1523 | 1533 | | | | | |
| T84N | 38296 | 38925 | 1535 | 1545 | | | | | |
| T83S | 38926 | 39490 | 1547 | 1556 | | | | | |
| T82N | 39491 | 40115 | 1558 | 1608 | | | | | |
| T81S | 40116 | 40670 | 1610 | 1619 | | | | | |
| T80N | 40671 | 41255 | 1621 | 1630 | | | | | |
| T79S | 41256 | 41830 | 1642 | 1652 | | | | | |
| T78N | 41831 | 42475 | 1653 | 1704 | | | | | |
| | | | | | | | | | |
| TESTLINE | 42477 | 42620 | 1709 | 1712 | | | | | |
| BKGRND | 42621 | 42711 | 1713 | 1714 | | | | | |
| | | | | | | | | | |
| GND | 42712 | 42820 | 1736 | 1737 | | | 800, 50, 30, 35 | | |
| TL | 42821 | 42910 | 1738 | 1740 | | | 1450, 75, 40, 90 | | |
| U | 42911 | 43025 | 1740 | 1742 | | | 2800, 165, | 190, 35 | |
| GND | 43026 | 43130 | 1742 | 1744 | | | 800, 55, | 30, 35 | |
| | | | | | | | | | |
| | | | | | | | | | 351.2km |

DY 280

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 19
Date 7 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 0927 Land 1312
Flight time
Mag. Sens. F/S ... /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = ... Ft. at ... MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| GND | | 46530 | 0807 | 0808 | | | 800, 50, 30, 40 | | |
| TL | 46531 | 46635 | 0809 | 0811 | | | 1400, 75, 35, 80 | | |
| U | 46636 | 46750 | 0812 | 0814 | | | 2700, 165, 180, 45 | | |
| GND | 46751 | 46865 | 0815 | 0817 | | | 800, 55, 35, 40 | | |
| | | | | | | | | | |
| TESTLINE | 46866 | 47000 | 0837 | 0840 | | | | | |
| BKGRND | 47001 | 47115 | 0841 | 0843 | | | | | |
| | | | | | | | | | |
| L9W | 47116 | 48635 | 0846 | 0911 | | | | REFLIGHT | |
| L10E | 48636 | 49965 | 0913 | 0936 | | | | REFLIGHT | |
| L11W | 49966 | 51400 | 0937 | 1001 | | | | REFLIGHT | |
| L21E | 51401 | 52660 | 1003 | 1024 | | | | REFLIGHT | |
| L71W | 52661 | 53860 | 1031 | 1051 | | | | | |
| L72E | 53862 | 54970 | 1055 | 1113 | | | | | |
| L73W | 54971 | 56180 | 1116 | 1136 | | | | | |
| L74E | 56181 | 57285 | 1138 | 1157 | | | | | |

DY 280

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 20
Date 7 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 1420 Land 1816
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| ~~L75W~~ | ~~57287~~ | ~~57340~~ | ~~1333~~ | 1334 | | | | SCRUB | |
| L75W | 57341 | 58545 | 1345 | 1405 | | | | MAD 0.411 | |
| L42E | 58546 | 58830 | 1411 | 1416 | WEST END | 8.7 KMS | | REFLIGHT | |
| | | | | | | | | | |
| T56S | 58832 | 59480 | 1422 | 1433 | | | | | |
| T57N | 59481 | 60065 | 1438 | 1447 | | | | | |
| T58S | 60066 | 60580 | 1449 | 1457 | | | | | |
| T59N | 60581 | 61200 | 1459 | 1509 | | | | | |
| T60S | 61201 | 61715 | 1511 | 1519 | | | | | |
| T61N | 61716 | 62315 | 1521 | 1531 | | | | | |
| T62S | 62316 | 62860 | 1533 | 1542 | | | | | |
| T63N | 62861 | 63480 | 1543 | 1553 | | | | | |
| T64S | 63481 | 64005 | 1554 | 1603 | | | | | |
| T65N | 64006 | 64630 | 1604 | 1615 | | | | | |
| T66S | 64631 | 65165 | 1616 | 1625 | | | | | |
| T67N | 65166 | 65765 | 1626 | 1635 | | | | | |
| T68S | 65766 | 66320 | 1636 | 1646 | | | | | |
| T69N | 66321 | 66905 | 1647 | 1657 | | | | | |
| | | | | | | | | | |
| TEST LINE | 66907 | 67035 | 1705 | 1707 | | | | | |
| BKGRND | 67036 | 67150 | 1708 | 1710 | | | | | |
| | | | | | | | | | |
| GND | 67151 | 67260 | 1721 | 1723 | | | 860, 60, 30, 40 | | |
| Th | 67261 | 67380 | 1723 | 1725 | | | 1375, 70, | 40, 70 | |
| U | 67381 | 67490 | 1726 | 1728 | | | 2565, 150, | 165, 40 | |
| GND | 67491 | 67590 | 1728 | 1730 | | | 855, 60, | 30, 35 | |
| | | | | | | | | | |

DY 281

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 21
Date 8 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 0922 Land 1153
Flight time
Mag. Sens. F/S / 
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S
Rdr. Alt. F/S = Ft. at MV/Ft.

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| GND | 67592 | 67690 | 0810 | 0812 | | | 900, 60, 35, 35 | | |
| Th | 67691 | 67795 | 0812 | 0814 | | | 1570, 80, 45, 85 | | |
| U | 67796 | 67895 | 0815 | 0817 | | | 3050, 180, | 200, 45 | |
| GND | 67896 | 67990 | 0817 | 0819 | | | 900, 60, 30, 35 | | |
| | | | | | | | | | |
| TEST LINE | 67991 | 68130 | 0833 | 0836 | | | | | |
| BKGRND | 68131 | | 0837 | 0838 | | | | | |
| | | | | | | | | | |
| T77S | | 68770 | 0847 | 0856 | | | | | |
| T76N | 68771 | 69405 | 0857 | 0908 | | | | TOWN AT FID 68860 | |
| T75S | 69406 | 69940 | 0909 | 0918 | | | | | |
| T74N | 69941 | 70580 | 0919 | 0930 | | | | | |
| T73S | 70581 | 70855 | 0931 | 0936 | | S94850 m N | | FUEL PUMP PROBLEM | |
| T73S | 70856 | 71155 | 0953 | 0958 | | | | | |
| T72N | 71156 | 71790 | 1000 | 1011 | | | | | |
| T71S | 71791 | 72330 | 1012 | 1021 | | | | | |
| T70N | 72331 | 72975 | 1022 | 1033 | | | | | |
| | | | | | | | | | |
| TESTLINE | 72977 | 73090 | 1040 | 1042 | | | | | |
| BKGRND | 73091 | 73195 | 1043 | 1045 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| GND | 73197 | 73295 | 1106 | 1108 | | | 870, 60, 35, 40 | | |
| Th | 73296 | 73395 | 1109 | 1110 | | | 1540, 70, | 40, 100 | |
| U | 73396 | 73490 | 1111 | 1113 | | | 2950, 170, | 195, 45 | |
| GND | 73491 | 73580 | 1113 | 1115 | | | 880, 60, | 35, 40 | |
| | | | | | | | | | |
| | | | | | | | | | |

DY 281

GEO INSTRUMENTS
Pty. Limited (Inc in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 22
Date 8 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport 1313 BRIDPORT
Take off 1249 Land 1837
Flight time
Mag. Sens. F/S /
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans Start | Fiducials and Scans End | Local Time Start | Local Time End | Line Extent From | Line Extent To | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| L76W | 73582 | 74820 | 1227 | 1247 | | | | | |
| L77E | 74821 | 75960 | 1249 | 1308 | | | | | |
| L78W | 75961 | 77280 | 1309 | 1331 | | | | | |
| L79E | 77281 | 78435 | 1333 | 1353 | | | | | |
| L80W | 78436 | 79670 | 1355 | 1415 | | | | | |
| L81E | 79671 | 80775 | 1417 | 1435 | | | | TOWN AT FID 80570 | |
| L82W | 80776 | 82010 | 1438 | 1459 | | | | TOWN AT FID 80995 | |
| L83E | 82011 | 83100 | 1500 | 1519 | | | | | |
| | | — CHOPPER REFUELED — | | | | | | | |
| L84W | 83101 | 84330 | 1548 | 1608 | | | | | |
| L85E | 84331 | 85395 | 1610 | 1628 | | | | | |
| L86W | 85396 | 86625 | 1631 | 1651 | | | | TOWN AT FID 86030 | |
| L87E | 86626 | 87715 | 1653 | 1711 | | | | TOWN AT FID 87115 | |
| TESTLINE | 87717 | 87870 | 1726 | 1728 | | | | | |
| BACKGRND | 87871 | 87985 | 1729 | 1731 | | | | | |
| GND | 87986 | 88080 | 1749 | 1750 | | | 880, 60, 35, 40 | | |
| Th | 88081 | 88165 | 1751 | 1753 | | | 1450, 75, 40, 85 | | |
| U | 88166 | 88265 | 1754 | 1755 | | | 2740, 145, 185, 45 | | |
| GND | 88266 | 88350 | 1756 | 1757 | | | 860, 65, 35, 40 | | |

DY 293

GEO INSTRUMENTS
Pty. Limited (Inc. in N.S.W.)

# OPERATORS FLIGHT REPORT

Job No. 9304
Area 03
Flight 23
Date 10 / 10 / 93 (Day / Mo. / Yr.)
Airplane VH-FHB
Pilot T. FELLER
Co-Pilot -
Operator T. ATKINSON
Dataman S. ADAMS

Airport BRIDPORT
Take off 1017 Land 1343
Flight time
Mag. Sens. F/S / 
Fid. & Scan Interval
Svy. Alt.
Baro. Pres.
Baro. Alt. Correct
Rdr. Alt. Chart F/S

Spectrometer Multiplier Settings

| | Analog F/S cts. | Digital Mult. No. |
|---|---|---|
| K40 | CTS | Mlt. |
| Bi214 | CTS | Mlt. |
| TL208 | CTS | Mlt. |
| TC | CTS | Mlt. |
| Sample Rate | | Sec. |

Rdr. Alt. F/S = Ft. at MV/Ft.

| Line No. & Direct. | Fiducials and Scans | | Local Time | | Line Extent | | Header | Remarks | Fids. |
|---|---|---|---|---|---|---|---|---|---|
| | Start | End | Start | End | From | To | | | |
| GND | 88352 | 88470 | 0821 | 0823 | | | 770, 60, ~~35~~ 30, 35 | | |
| Th | 88471 | 88595 | 0823 | 0825 | | | 1400, 70, 40, 85 | | |
| U | 88596 | 88705 | 0826 | 0828 | | | 2800, 165, 200, 45 | | |
| GND | 88706 | 88840 | 0829 | 0831 | | | 770, 55, 25, 35 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TESTLINE | 88842 | 88965 | 0929 | 0931 | | | | | |
| BACKGRND | 88966 | 89080 | 0932 | 0934 | | | | | |
| | | | | | | | | | |
| L88E | 89081 | 90250 | 1000 | 1020 | | | | | |
| L89W | 90251 | 91400 | 1035 | 1054 | | | | | |
| L90E | 91401 | 92515 | 1056 | 1114 | | | | | |
| L91W | 92516 | 93730 | 1116 | 1136 | | | | | |
| L92E | 93731 | 94800 | 1137 | 1155 | | | | | |
| L90W | 94801 | 94950 | 1156 | 1159 | | | REFLIGHT | | |
| L90W | 94951 | 95035 | 1200 | 1202 | | | REFLIGHT | | |
| L84E | 95036 | 95230 | 1203 | 1207 | | | REFLIGHT | | |
| L82W | 95231 | 95385 | 1208 | 1210 | | | REFLIGHT | | |
| L80E | 95386 | 95416 | 1212 | 1212 | | | ~~REFLIGHT~~ SCRUB | | |
| L80E | 95417 | 95555 | 1214 | 1216 | | | REFLIGHT | | |
| L78W | 95556 | 95740 | 1217 | 1220 | | | REFLIGHT | | |
| | | | | | | | | | |
| TESTLINE | 95742 | 95865 | 1233 | 1235 | | | | | |
| BACKGRND | 95866 | 95980 | 1235 | 1237 | | | | | |
| GND | 95981 | 96085 | 1350 | 1352 | | | 810, 55, 25, 35 | | |
| Th | 96086 | 96190 | 1353 | 1355 | | | 1400, 70, 40, 85 | | |
| U | 96191 | 96310 | 1355 | 1357 | | | 2820, 170, 185, 40 | | |
| GND | 96311 | 96410 | 1358 | 1400 | | | 810, 55, 30, 35 | | |

# APPENDIX 4

## LINE CO ORDINATE TABLES

**Job Number:** 9304

Enclosed are Line Co Ordinate Tables for;

- Area 1 (Pipers River)
- Area 2 (Mt Horror)
- Area 3 (Fingal)

Job : TAS1
Area :
Client :

Boundary lines used...

606600.0, 5403000.0 to 584000.0, 5403000.0
584000.0, 5403000.0 to 584000.0, 5390000.0
584000.0, 5390000.0 to 580000.0, 5390000.0
580000.0, 5390000.0 to 580000.0, 5387000.0
580000.0, 5387000.0 to 578000.0, 5387000.0
578000.0, 5387000.0 to 578000.0, 5382000.0
578000.0, 5382000.0 to 574000.0, 5382000.0
574000.0, 5382000.0 to 574000.0, 5377000.0
574000.0, 5377000.0 to 565000.0, 5377000.0
565000.0, 5377000.0 to 565000.0, 5390000.0
565000.0, 5390000.0 to 568000.0, 5390000.0
568000.0, 5390000.0 to 568000.0, 5404000.0
568000.0, 5404000.0 to 567000.0, 5404000.0
567000.0, 5404000.0 to 567000.0, 5406000.0
567000.0, 5406000.0 to 566000.0, 5406000.0
566000.0, 5406000.0 to 566000.0, 5408000.0
566000.0, 5408000.0 to 564000.0, 5408000.0
564000.0, 5408000.0 to 564000.0, 5412000.0
564000.0, 5412000.0 to 560000.0, 5412000.0
560000.0, 5412000.0 to 560000.0, 5419000.0
560000.0, 5419000.0 to 564000.0, 5419000.0
564000.0, 5419000.0 to 564000.0, 5434000.0
564000.0, 5434000.0 to 575000.0, 5434000.0
575000.0, 5434000.0 to 575000.0, 5421000.0
575000.0, 5421000.0 to 578000.0, 5421000.0
578000.0, 5421000.0 to 578000.0, 5418000.0
578000.0, 5418000.0 to 588000.0, 5418000.0
588000.0, 5418000.0 to 588000.0, 5421000.0
588000.0, 5421000.0 to 609400.0, 5421000.0
609400.0, 5421000.0 to 606600.0, 5403000.0
578000.0, 5410700.0 to 578000.0, 5390000.0
578000.0, 5390000.0 to 570000.0, 5390000.0
570000.0, 5390000.0 to 570000.0, 5410700.0
570000.0, 5410700.0 to 578000.0, 5410700.0

| Line | East | North | East | North | Length | Total |
|---|---|---|---|---|---|---|
| 1 | 563800.00 | 5434198.00 | 575200.00 | 5434198.00 | 11.4 | 11.4 |
| 2 | 563800.00 | 5433998.00 | 575200.00 | 5433998.00 | 11.4 | 22.8 |
| 3 | 563800.00 | 5433798.00 | 575200.00 | 5433798.00 | 11.4 | 34.2 |
| 4 | 563800.00 | 5433598.00 | 575200.00 | 5433598.00 | 11.4 | 45.6 |
| 5 | 563800.00 | 5433398.00 | 575200.00 | 5433398.00 | 11.4 | 57.0 |
| 6 | 563800.00 | 5433198.00 | 575200.00 | 5433198.00 | 11.4 | 68.4 |
| 7 | 563800.00 | 5432998.00 | 575200.00 | 5432998.00 | 11.4 | 79.8 |
| 8 | 563800.00 | 5432798.00 | 575200.00 | 5432798.00 | 11.4 | 91.2 |
| 9 | 563800.00 | 5432598.00 | 575200.00 | 5432598.00 | 11.4 | 102.6 |
| 10 | 563800.00 | 5432398.00 | 575200.00 | 5432398.00 | 11.4 | 114.0 |
| 11 | 563800.00 | 5432198.00 | 575200.00 | 5432198.00 | 11.4 | 125.4 |
| 12 | 563800.00 | 5431998.00 | 575200.00 | 5431998.00 | 11.4 | 136.8 |
| 13 | 563800.00 | 5431798.00 | 575200.00 | 5431798.00 | 11.4 | 148.2 |
| 14 | 563800.00 | 5431598.00 | 575200.00 | 5431598.00 | 11.4 | 159.6 |
| 15 | 563800.00 | 5431398.00 | 575200.00 | 5431398.00 | 11.4 | 171.0 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 16 | 563800.00 | 5431198.00 | 575200.00 | 5431198.00 | 11.4 | 182.4 |
| 17 | 563800.00 | 5430998.00 | 575200.00 | 5430998.00 | 11.4 | 193.8 |
| 18 | 563800.00 | 5430798.00 | 575200.00 | 5430798.00 | 11.4 | 205.2 |
| 19 | 563800.00 | 5430598.00 | 575200.00 | 5430598.00 | 11.4 | 216.6 |
| 20 | 563800.00 | 5430398.00 | 575200.00 | 5430398.00 | 11.4 | 228.0 |
| 21 | 563800.00 | 5430198.00 | 575200.00 | 5430198.00 | 11.4 | 239.4 |
| 22 | 563800.00 | 5429998.00 | 575200.00 | 5429998.00 | 11.4 | 250.8 |
| 23 | 563800.00 | 5429798.00 | 575200.00 | 5429798.00 | 11.4 | 262.2 |
| 24 | 563800.00 | 5429598.00 | 575200.00 | 5429598.00 | 11.4 | 273.6 |
| 25 | 563800.00 | 5429398.00 | 575200.00 | 5429398.00 | 11.4 | 285.0 |
| 26 | 563800.00 | 5429198.00 | 575200.00 | 5429198.00 | 11.4 | 296.4 |
| 27 | 563800.00 | 5428998.00 | 575200.00 | 5428998.00 | 11.4 | 307.8 |
| 28 | 563800.00 | 5428798.00 | 575200.00 | 5428798.00 | 11.4 | 319.2 |
| 29 | 563800.00 | 5428598.00 | 575200.00 | 5428598.00 | 11.4 | 330.6 |
| 30 | 563800.00 | 5428398.00 | 575200.00 | 5428398.00 | 11.4 | 342.0 |
| 31 | 563800.00 | 5428198.00 | 575200.00 | 5428198.00 | 11.4 | 353.4 |
| 32 | 563800.00 | 5427998.00 | 575200.00 | 5427998.00 | 11.4 | 364.8 |
| 33 | 563800.00 | 5427798.00 | 575200.00 | 5427798.00 | 11.4 | 376.2 |
| 34 | 563800.00 | 5427598.00 | 575200.00 | 5427598.00 | 11.4 | 387.6 |
| 35 | 563800.00 | 5427398.00 | 575200.00 | 5427398.00 | 11.4 | 399.0 |
| 36 | 563800.00 | 5427198.00 | 575200.00 | 5427198.00 | 11.4 | 410.4 |
| 37 | 563800.00 | 5426998.00 | 575200.00 | 5426998.00 | 11.4 | 421.8 |
| 38 | 563800.00 | 5426798.00 | 575200.00 | 5426798.00 | 11.4 | 433.2 |
| 39 | 563800.00 | 5426598.00 | 575200.00 | 5426598.00 | 11.4 | 444.6 |
| 40 | 563800.00 | 5426398.00 | 575200.00 | 5426398.00 | 11.4 | 456.0 |
| 41 | 563800.00 | 5426198.00 | 575200.00 | 5426198.00 | 11.4 | 467.4 |
| 42 | 563800.00 | 5425998.00 | 575200.00 | 5425998.00 | 11.4 | 478.8 |
| 43 | 563800.00 | 5425798.00 | 575200.00 | 5425798.00 | 11.4 | 490.2 |
| 44 | 563800.00 | 5425598.00 | 575200.00 | 5425598.00 | 11.4 | 501.6 |
| 45 | 563800.00 | 5425398.00 | 575200.00 | 5425398.00 | 11.4 | 513.0 |
| 46 | 563800.00 | 5425198.00 | 575200.00 | 5425198.00 | 11.4 | 524.4 |
| 47 | 563800.00 | 5424998.00 | 575200.00 | 5424998.00 | 11.4 | 535.8 |
| 48 | 563800.00 | 5424798.00 | 575200.00 | 5424798.00 | 11.4 | 547.2 |
| 49 | 563800.00 | 5424598.00 | 575200.00 | 5424598.00 | 11.4 | 558.6 |
| 50 | 563800.00 | 5424398.00 | 575200.00 | 5424398.00 | 11.4 | 570.0 |
| 51 | 563800.00 | 5424198.00 | 575200.00 | 5424198.00 | 11.4 | 581.4 |
| 52 | 563800.00 | 5423998.00 | 575200.00 | 5423998.00 | 11.4 | 592.8 |
| 53 | 563800.00 | 5423798.00 | 575200.00 | 5423798.00 | 11.4 | 604.2 |
| 54 | 563800.00 | 5423598.00 | 575200.00 | 5423598.00 | 11.4 | 615.6 |
| 55 | 563800.00 | 5423398.00 | 575200.00 | 5423398.00 | 11.4 | 627.0 |
| 56 | 563800.00 | 5423198.00 | 575200.00 | 5423198.00 | 11.4 | 638.4 |
| 57 | 563800.00 | 5422998.00 | 575200.00 | 5422998.00 | 11.4 | 649.8 |
| 58 | 563800.00 | 5422798.00 | 575200.00 | 5422798.00 | 11.4 | 661.2 |
| 59 | 563800.00 | 5422598.00 | 575200.00 | 5422598.00 | 11.4 | 672.6 |
| 60 | 563800.00 | 5422398.00 | 575200.00 | 5422398.00 | 11.4 | 684.0 |
| 61 | 563800.00 | 5422198.00 | 575200.00 | 5422198.00 | 11.4 | 695.4 |
| 62 | 563800.00 | 5421998.00 | 575200.00 | 5421998.00 | 11.4 | 706.8 |
| 63 | 563800.00 | 5421798.00 | 575200.00 | 5421798.00 | 11.4 | 718.2 |
| 64 | 563800.00 | 5421598.00 | 575200.00 | 5421598.00 | 11.4 | 729.6 |
| 65 | 563800.00 | 5421398.00 | 575200.00 | 5421398.00 | 11.4 | 741.0 |
| 66 | 563800.00 | 5421198.00 | 578200.00 | 5421198.00 | 14.4 | 755.4 |
| 67 | 563800.00 | 5420998.00 | 578200.00 | 5420998.00 | 14.4 | 769.8 |
| 68 | 563800.00 | 5420798.00 | 578200.00 | 5420798.00 | 14.4 | 784.2 |
| 69 | 563800.00 | 5420598.00 | 578200.00 | 5420598.00 | 14.4 | 798.6 |
| 70 | 563800.00 | 5420398.00 | 578200.00 | 5420398.00 | 14.4 | 813.0 |
| 71 | 563800.00 | 5420198.00 | 578200.00 | 5420198.00 | 14.4 | 827.4 |
| 72 | 563800.00 | 5419998.00 | 578200.00 | 5419998.00 | 14.4 | 841.8 |
| 73 | 563800.00 | 5419798.00 | 578200.00 | 5419798.00 | 14.4 | 856.2 |
| 74 | 563800.00 | 5419598.00 | 578200.00 | 5419598.00 | 14.4 | 870.6 |
| 75 | 563800.00 | 5419398.00 | 578200.00 | 5419398.00 | 14.4 | 885.0 |

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| 76 | 559800.00 | 5419198.00 | 578200.00 | 5419198.00 | 18.4 | 903.4 |
| 77 | 559800.00 | 5418998.00 | 578200.00 | 5418998.00 | 18.4 | 921.8 |
| 78 | 559800.00 | 5418798.00 | 578200.00 | 5418798.00 | 18.4 | 940.2 |
| 79 | 559800.00 | 5418598.00 | 578200.00 | 5418598.00 | 18.4 | 958.6 |
| 80 | 559800.00 | 5418398.00 | 578200.00 | 5418398.00 | 18.4 | 977.0 |
| 81 | 587800.00 | 5421198.00 | 609599.69 | 5421198.00 | 21.8 | 998.8 |
| 82 | 587800.00 | 5420998.00 | 609599.69 | 5420998.00 | 21.8 | 1020.6 |
| 83 | 587800.00 | 5420798.00 | 609599.69 | 5420798.00 | 21.8 | 1042.4 |
| 84 | 587800.00 | 5420598.00 | 609568.58 | 5420598.00 | 21.8 | 1064.2 |
| 85 | 587800.00 | 5420398.00 | 609537.47 | 5420398.00 | 21.7 | 1085.9 |
| 86 | 587800.00 | 5420198.00 | 609506.36 | 5420198.00 | 21.7 | 1107.6 |
| 87 | 587800.00 | 5419998.00 | 609475.24 | 5419998.00 | 21.7 | 1129.3 |
| 88 | 587800.00 | 5419798.00 | 609444.13 | 5419798.00 | 21.6 | 1150.9 |
| 89 | 587800.00 | 5419598.00 | 609413.02 | 5419598.00 | 21.6 | 1172.5 |
| 90 | 587800.00 | 5419398.00 | 609381.91 | 5419398.00 | 21.6 | 1194.1 |
| 91 | 587800.00 | 5419198.00 | 609350.80 | 5419198.00 | 21.6 | 1215.7 |
| 92 | 587800.00 | 5418998.00 | 609319.69 | 5418998.00 | 21.5 | 1237.2 |
| 93 | 587800.00 | 5418798.00 | 609288.58 | 5418798.00 | 21.5 | 1258.7 |
| 94 | 587800.00 | 5418598.00 | 609257.47 | 5418598.00 | 21.5 | 1280.1 |
| 95 | 587800.00 | 5418398.00 | 609226.36 | 5418398.00 | 21.4 | 1301.6 |
| 96 | 559800.00 | 5418198.00 | 609195.24 | 5418198.00 | 49.4 | 1351.0 |
| 97 | 559800.00 | 5417998.00 | 609164.13 | 5417998.00 | 49.4 | 1400.3 |
| 98 | 559800.00 | 5417798.00 | 609133.02 | 5417798.00 | 49.3 | 1449.7 |
| 99 | 559800.00 | 5417598.00 | 609101.91 | 5417598.00 | 49.3 | 1499.0 |
| 100 | 559800.00 | 5417398.00 | 609070.80 | 5417398.00 | 49.3 | 1548.2 |
| 101 | 559800.00 | 5417198.00 | 609039.69 | 5417198.00 | 49.2 | 1597.5 |
| 102 | 559800.00 | 5416998.00 | 609008.58 | 5416998.00 | 49.2 | 1646.7 |
| 103 | 559800.00 | 5416798.00 | 608977.47 | 5416798.00 | 49.2 | 1695.9 |
| 104 | 559800.00 | 5416598.00 | 608946.36 | 5416598.00 | 49.1 | 1745.0 |
| 105 | 559800.00 | 5416398.00 | 608915.24 | 5416398.00 | 49.1 | 1794.1 |
| 106 | 559800.00 | 5416198.00 | 608884.13 | 5416198.00 | 49.1 | 1843.2 |
| 107 | 559800.00 | 5415998.00 | 608853.02 | 5415998.00 | 49.1 | 1892.3 |
| 108 | 559800.00 | 5415798.00 | 608821.91 | 5415798.00 | 49.0 | 1941.3 |
| 109 | 559800.00 | 5415598.00 | 608790.80 | 5415598.00 | 49.0 | 1990.3 |
| 110 | 559800.00 | 5415398.00 | 608759.69 | 5415398.00 | 49.0 | 2039.2 |
| 111 | 559800.00 | 5415198.00 | 608728.58 | 5415198.00 | 48.9 | 2088.2 |
| 112 | 559800.00 | 5414998.00 | 608697.47 | 5414998.00 | 48.9 | 2137.1 |
| 113 | 559800.00 | 5414798.00 | 608666.36 | 5414798.00 | 48.9 | 2185.9 |
| 114 | 559800.00 | 5414598.00 | 608635.24 | 5414598.00 | 48.8 | 2234.8 |
| 115 | 559800.00 | 5414398.00 | 608604.13 | 5414398.00 | 48.8 | 2283.6 |
| 116 | 559800.00 | 5414198.00 | 608573.02 | 5414198.00 | 48.8 | 2332.3 |
| 117 | 559800.00 | 5413998.00 | 608541.91 | 5413998.00 | 48.7 | 2381.1 |
| 118 | 559800.00 | 5413798.00 | 608510.80 | 5413798.00 | 48.7 | 2429.8 |
| 119 | 559800.00 | 5413598.00 | 608479.69 | 5413598.00 | 48.7 | 2478.5 |
| 120 | 559800.00 | 5413398.00 | 608448.58 | 5413398.00 | 48.6 | 2527.1 |
| 121 | 559800.00 | 5413198.00 | 608417.47 | 5413198.00 | 48.6 | 2575.7 |
| 122 | 559800.00 | 5412998.00 | 608386.36 | 5412998.00 | 48.6 | 2624.3 |
| 123 | 559800.00 | 5412798.00 | 608355.24 | 5412798.00 | 48.6 | 2672.9 |
| 124 | 559800.00 | 5412598.00 | 608324.13 | 5412598.00 | 48.5 | 2721.4 |
| 125 | 559800.00 | 5412398.00 | 608293.02 | 5412398.00 | 48.5 | 2769.9 |
| 126 | 559800.00 | 5412198.00 | 608261.91 | 5412198.00 | 48.5 | 2818.4 |
| 127 | 559800.00 | 5411998.00 | 608230.80 | 5411998.00 | 48.4 | 2866.8 |
| 128 | 563800.00 | 5411798.00 | 608199.69 | 5411798.00 | 44.4 | 2911.2 |
| 129 | 563800.00 | 5411598.00 | 608168.58 | 5411598.00 | 44.4 | 2955.6 |
| 130 | 563800.00 | 5411398.00 | 608137.47 | 5411398.00 | 44.3 | 2999.9 |
| 131 | 563800.00 | 5411198.00 | 608106.36 | 5411198.00 | 44.3 | 3044.2 |
| 132 | 563800.00 | 5410998.00 | 608075.24 | 5410998.00 | 44.3 | 3088.5 |
| 133 | 563800.00 | 5410798.00 | 608044.13 | 5410798.00 | 44.2 | 3132.7 |
| 134 | 563800.00 | 5410598.00 | 608013.02 | 5410598.00 | 44.2 | 3176.9 |
| 135 | 577800.00 | 5410398.00 | 607981.91 | 5410398.00 | 30.2 | 3207.1 |

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|---|---|---|---|---|---|---|
| 136 | 577800.00 | 5410198.00 | 607950.80 | 5410198.00 | 30.2 | 3237.3 |
| 137 | 577800.00 | 5409998.00 | 607919.69 | 5409998.00 | 30.1 | 3267.4 |
| 138 | 577800.00 | 5409798.00 | 607888.58 | 5409798.00 | 30.1 | 3297.5 |
| 139 | 577800.00 | 5409598.00 | 607857.47 | 5409598.00 | 30.1 | 3327.5 |
| 140 | 577800.00 | 5409398.00 | 607826.36 | 5409398.00 | 30.0 | 3357.6 |
| 141 | 577800.00 | 5409198.00 | 607795.24 | 5409198.00 | 30.0 | 3387.5 |
| 142 | 577800.00 | 5408998.00 | 607764.13 | 5408998.00 | 30.0 | 3417.5 |
| 143 | 577800.00 | 5408798.00 | 607733.02 | 5408798.00 | 29.9 | 3447.4 |
| 144 | 577800.00 | 5408598.00 | 607701.91 | 5408598.00 | 29.9 | 3477.3 |
| 145 | 577800.00 | 5408398.00 | 607670.80 | 5408398.00 | 29.9 | 3507.2 |
| 146 | 577800.00 | 5408198.00 | 607639.69 | 5408198.00 | 29.8 | 3537.1 |
| 147 | 577800.00 | 5407998.00 | 607608.58 | 5407998.00 | 29.8 | 3566.9 |
| 148 | 577800.00 | 5407798.00 | 607577.47 | 5407798.00 | 29.8 | 3596.6 |
| 149 | 577800.00 | 5407598.00 | 607546.36 | 5407598.00 | 29.7 | 3626.4 |
| 150 | 577800.00 | 5407398.00 | 607515.24 | 5407398.00 | 29.7 | 3656.1 |
| 151 | 577800.00 | 5407198.00 | 607484.13 | 5407198.00 | 29.7 | 3685.8 |
| 152 | 577800.00 | 5406998.00 | 607453.02 | 5406998.00 | 29.7 | 3715.4 |
| 153 | 577800.00 | 5406798.00 | 607421.91 | 5406798.00 | 29.6 | 3745.1 |
| 154 | 577800.00 | 5406598.00 | 607390.80 | 5406598.00 | 29.6 | 3774.7 |
| 155 | 577800.00 | 5406398.00 | 607359.69 | 5406398.00 | 29.6 | 3804.2 |
| 156 | 577800.00 | 5406198.00 | 607328.58 | 5406198.00 | 29.5 | 3833.7 |
| 157 | 577800.00 | 5405998.00 | 607297.47 | 5405998.00 | 29.5 | 3863.2 |
| 158 | 577800.00 | 5405798.00 | 607266.36 | 5405798.00 | 29.5 | 3892.7 |
| 159 | 577800.00 | 5405598.00 | 607235.24 | 5405598.00 | 29.4 | 3922.1 |
| 160 | 577800.00 | 5405398.00 | 607204.13 | 5405398.00 | 29.4 | 3951.5 |
| 161 | 577800.00 | 5405198.00 | 607173.02 | 5405198.00 | 29.4 | 3980.9 |
| 162 | 577800.00 | 5404998.00 | 607141.91 | 5404998.00 | 29.3 | 4010.3 |
| 163 | 577800.00 | 5404798.00 | 607110.80 | 5404798.00 | 29.3 | 4039.6 |
| 164 | 577800.00 | 5404598.00 | 607079.69 | 5404598.00 | 29.3 | 4068.9 |
| 165 | 577800.00 | 5404398.00 | 607048.58 | 5404398.00 | 29.2 | 4098.1 |
| 166 | 577800.00 | 5404198.00 | 607017.47 | 5404198.00 | 29.2 | 4127.3 |
| 167 | 577800.00 | 5403998.00 | 606986.36 | 5403998.00 | 29.2 | 4156.5 |
| 168 | 577800.00 | 5403798.00 | 606955.24 | 5403798.00 | 29.2 | 4185.7 |
| 169 | 577800.00 | 5403598.00 | 606924.13 | 5403598.00 | 29.1 | 4214.8 |
| 170 | 577800.00 | 5403398.00 | 606893.02 | 5403398.00 | 29.1 | 4243.9 |
| 171 | 577800.00 | 5403198.00 | 606861.91 | 5403198.00 | 29.1 | 4272.9 |
| 172 | 577800.00 | 5402998.00 | 606830.80 | 5402998.00 | 29.0 | 4302.0 |
| 173 | 577800.00 | 5402798.00 | 584200.00 | 5402798.00 | 6.4 | 4308.4 |
| 174 | 577800.00 | 5402598.00 | 584200.00 | 5402598.00 | 6.4 | 4314.8 |
| 175 | 577800.00 | 5402398.00 | 584200.00 | 5402398.00 | 6.4 | 4321.2 |
| 176 | 577800.00 | 5402198.00 | 584200.00 | 5402198.00 | 6.4 | 4327.6 |
| 177 | 577800.00 | 5401998.00 | 584200.00 | 5401998.00 | 6.4 | 4334.0 |
| 178 | 577800.00 | 5401798.00 | 584200.00 | 5401798.00 | 6.4 | 4340.4 |
| 179 | 577800.00 | 5401598.00 | 584200.00 | 5401598.00 | 6.4 | 4346.8 |
| 180 | 577800.00 | 5401398.00 | 584200.00 | 5401398.00 | 6.4 | 4353.2 |
| 181 | 577800.00 | 5401198.00 | 584200.00 | 5401198.00 | 6.4 | 4359.6 |
| 182 | 577800.00 | 5400998.00 | 584200.00 | 5400998.00 | 6.4 | 4366.0 |
| 183 | 577800.00 | 5400798.00 | 584200.00 | 5400798.00 | 6.4 | 4372.4 |
| 184 | 577800.00 | 5400598.00 | 584200.00 | 5400598.00 | 6.4 | 4378.8 |
| 185 | 577800.00 | 5400398.00 | 584200.00 | 5400398.00 | 6.4 | 4385.2 |
| 186 | 577800.00 | 5400198.00 | 584200.00 | 5400198.00 | 6.4 | 4391.6 |
| 187 | 577800.00 | 5399998.00 | 584200.00 | 5399998.00 | 6.4 | 4398.0 |
| 188 | 577800.00 | 5399798.00 | 584200.00 | 5399798.00 | 6.4 | 4404.4 |
| 189 | 577800.00 | 5399598.00 | 584200.00 | 5399598.00 | 6.4 | 4410.8 |
| 190 | 577800.00 | 5399398.00 | 584200.00 | 5399398.00 | 6.4 | 4417.2 |
| 191 | 577800.00 | 5399198.00 | 584200.00 | 5399198.00 | 6.4 | 4423.6 |
| 192 | 577800.00 | 5398998.00 | 584200.00 | 5398998.00 | 6.4 | 4430.0 |
| 193 | 577800.00 | 5398798.00 | 584200.00 | 5398798.00 | 6.4 | 4436.4 |
| 194 | 577800.00 | 5398598.00 | 584200.00 | 5398598.00 | 6.4 | 4442.8 |
| 195 | 577800.00 | 5398398.00 | 584200.00 | 5398398.00 | 6.4 | 4449.2 |

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| 196 | 577800.00 | 5398198.00 | 584200.00 | 5398198.00 | 6.4 | 4455.6 |
| 197 | 577800.00 | 5397998.00 | 584200.00 | 5397998.00 | 6.4 | 4462.0 |
| 198 | 577800.00 | 5397798.00 | 584200.00 | 5397798.00 | 6.4 | 4468.4 |
| 199 | 577800.00 | 5397598.00 | 584200.00 | 5397598.00 | 6.4 | 4474.8 |
| 200 | 577800.00 | 5397398.00 | 584200.00 | 5397398.00 | 6.4 | 4481.2 |
| 201 | 577800.00 | 5397198.00 | 584200.00 | 5397198.00 | 6.4 | 4487.6 |
| 202 | 577800.00 | 5396998.00 | 584200.00 | 5396998.00 | 6.4 | 4494.0 |
| 203 | 577800.00 | 5396798.00 | 584200.00 | 5396798.00 | 6.4 | 4500.4 |
| 204 | 577800.00 | 5396598.00 | 584200.00 | 5396598.00 | 6.4 | 4506.8 |
| 205 | 577800.00 | 5396398.00 | 584200.00 | 5396398.00 | 6.4 | 4513.2 |
| 206 | 577800.00 | 5396198.00 | 584200.00 | 5396198.00 | 6.4 | 4519.6 |
| 207 | 577800.00 | 5395998.00 | 584200.00 | 5395998.00 | 6.4 | 4526.0 |
| 208 | 577800.00 | 5395798.00 | 584200.00 | 5395798.00 | 6.4 | 4532.4 |
| 209 | 577800.00 | 5395598.00 | 584200.00 | 5395598.00 | 6.4 | 4538.8 |
| 210 | 577800.00 | 5395398.00 | 584200.00 | 5395398.00 | 6.4 | 4545.2 |
| 211 | 577800.00 | 5395198.00 | 584200.00 | 5395198.00 | 6.4 | 4551.6 |
| 212 | 577800.00 | 5394998.00 | 584200.00 | 5394998.00 | 6.4 | 4558.0 |
| 213 | 577800.00 | 5394798.00 | 584200.00 | 5394798.00 | 6.4 | 4564.4 |
| 214 | 577800.00 | 5394598.00 | 584200.00 | 5394598.00 | 6.4 | 4570.8 |
| 215 | 577800.00 | 5394398.00 | 584200.00 | 5394398.00 | 6.4 | 4577.2 |
| 216 | 577800.00 | 5394198.00 | 584200.00 | 5394198.00 | 6.4 | 4583.6 |
| 217 | 577800.00 | 5393998.00 | 584200.00 | 5393998.00 | 6.4 | 4590.0 |
| 218 | 577800.00 | 5393798.00 | 584200.00 | 5393798.00 | 6.4 | 4596.4 |
| 219 | 577800.00 | 5393598.00 | 584200.00 | 5393598.00 | 6.4 | 4602.8 |
| 220 | 577800.00 | 5393398.00 | 584200.00 | 5393398.00 | 6.4 | 4609.2 |
| 221 | 577800.00 | 5393198.00 | 584200.00 | 5393198.00 | 6.4 | 4615.6 |
| 222 | 577800.00 | 5392998.00 | 584200.00 | 5392998.00 | 6.4 | 4622.0 |
| 223 | 577800.00 | 5392798.00 | 584200.00 | 5392798.00 | 6.4 | 4628.4 |
| 224 | 577800.00 | 5392598.00 | 584200.00 | 5392598.00 | 6.4 | 4634.8 |
| 225 | 577800.00 | 5392398.00 | 584200.00 | 5392398.00 | 6.4 | 4641.2 |
| 226 | 577800.00 | 5392198.00 | 584200.00 | 5392198.00 | 6.4 | 4647.6 |
| 227 | 577800.00 | 5391998.00 | 584200.00 | 5391998.00 | 6.4 | 4654.0 |
| 228 | 577800.00 | 5391798.00 | 584200.00 | 5391798.00 | 6.4 | 4660.4 |
| 229 | 577800.00 | 5391598.00 | 584200.00 | 5391598.00 | 6.4 | 4666.8 |
| 230 | 577800.00 | 5391398.00 | 584200.00 | 5391398.00 | 6.4 | 4673.2 |
| 231 | 577800.00 | 5391198.00 | 584200.00 | 5391198.00 | 6.4 | 4679.6 |
| 232 | 577800.00 | 5390998.00 | 584200.00 | 5390998.00 | 6.4 | 4686.0 |
| 233 | 577800.00 | 5390798.00 | 584200.00 | 5390798.00 | 6.4 | 4692.4 |
| 234 | 577800.00 | 5390598.00 | 584200.00 | 5390598.00 | 6.4 | 4698.8 |
| 235 | 577800.00 | 5390398.00 | 584200.00 | 5390398.00 | 6.4 | 4705.2 |
| 236 | 563800.00 | 5410398.00 | 570200.00 | 5410398.00 | 6.4 | 4711.6 |
| 237 | 563800.00 | 5410198.00 | 570200.00 | 5410198.00 | 6.4 | 4718.0 |
| 238 | 563800.00 | 5409998.00 | 570200.00 | 5409998.00 | 6.4 | 4724.4 |
| 239 | 563800.00 | 5409798.00 | 570200.00 | 5409798.00 | 6.4 | 4730.8 |
| 240 | 563800.00 | 5409598.00 | 570200.00 | 5409598.00 | 6.4 | 4737.2 |
| 241 | 563800.00 | 5409398.00 | 570200.00 | 5409398.00 | 6.4 | 4743.6 |
| 242 | 563800.00 | 5409198.00 | 570200.00 | 5409198.00 | 6.4 | 4750.0 |
| 243 | 563800.00 | 5408998.00 | 570200.00 | 5408998.00 | 6.4 | 4756.4 |
| 244 | 563800.00 | 5408798.00 | 570200.00 | 5408798.00 | 6.4 | 4762.8 |
| 245 | 563800.00 | 5408598.00 | 570200.00 | 5408598.00 | 6.4 | 4769.2 |
| 246 | 563800.00 | 5408398.00 | 570200.00 | 5408398.00 | 6.4 | 4775.6 |
| 247 | 563800.00 | 5408198.00 | 570200.00 | 5408198.00 | 6.4 | 4782.0 |
| 248 | 563800.00 | 5407998.00 | 570200.00 | 5407998.00 | 6.4 | 4788.4 |
| 249 | 565800.00 | 5407798.00 | 570200.00 | 5407798.00 | 4.4 | 4792.8 |
| 250 | 565800.00 | 5407598.00 | 570200.00 | 5407598.00 | 4.4 | 4797.2 |
| 251 | 565800.00 | 5407398.00 | 570200.00 | 5407398.00 | 4.4 | 4801.6 |
| 252 | 565800.00 | 5407198.00 | 570200.00 | 5407198.00 | 4.4 | 4806.0 |
| 253 | 565800.00 | 5406998.00 | 570200.00 | 5406998.00 | 4.4 | 4810.4 |
| 254 | 565800.00 | 5406798.00 | 570200.00 | 5406798.00 | 4.4 | 4814.8 |
| 255 | 565800.00 | 5406598.00 | 570200.00 | 5406598.00 | 4.4 | 4819.2 |

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|---|---|---|---|---|---|---|
| 256 | 565800.00 | 5406398.00 | 570200.00 | 5406398.00 | 4.4 | 4823.6 |
| 257 | 565800.00 | 5406198.00 | 570200.00 | 5406198.00 | 4.4 | 4828.0 |
| 258 | 565800.00 | 5405998.00 | 570200.00 | 5405998.00 | 4.4 | 4832.4 |
| 259 | 566800.00 | 5405798.00 | 570200.00 | 5405798.00 | 3.4 | 4835.8 |
| 260 | 566800.00 | 5405598.00 | 570200.00 | 5405598.00 | 3.4 | 4839.2 |
| 261 | 566800.00 | 5405398.00 | 570200.00 | 5405398.00 | 3.4 | 4842.6 |
| 262 | 566800.00 | 5405198.00 | 570200.00 | 5405198.00 | 3.4 | 4846.0 |
| 263 | 566800.00 | 5404998.00 | 570200.00 | 5404998.00 | 3.4 | 4849.4 |
| 264 | 566800.00 | 5404798.00 | 570200.00 | 5404798.00 | 3.4 | 4852.8 |
| 265 | 566800.00 | 5404598.00 | 570200.00 | 5404598.00 | 3.4 | 4856.2 |
| 266 | 566800.00 | 5404398.00 | 570200.00 | 5404398.00 | 3.4 | 4859.6 |
| 267 | 566800.00 | 5404198.00 | 570200.00 | 5404198.00 | 3.4 | 4863.0 |
| 268 | 566800.00 | 5403998.00 | 570200.00 | 5403998.00 | 3.4 | 4866.4 |
| 269 | 567800.00 | 5403798.00 | 570200.00 | 5403798.00 | 2.4 | 4868.8 |
| 270 | 567800.00 | 5403598.00 | 570200.00 | 5403598.00 | 2.4 | 4871.2 |
| 271 | 567800.00 | 5403398.00 | 570200.00 | 5403398.00 | 2.4 | 4873.6 |
| 272 | 567800.00 | 5403198.00 | 570200.00 | 5403198.00 | 2.4 | 4876.0 |
| 273 | 567800.00 | 5402998.00 | 570200.00 | 5402998.00 | 2.4 | 4878.4 |
| 274 | 567800.00 | 5402798.00 | 570200.00 | 5402798.00 | 2.4 | 4880.8 |
| 275 | 567800.00 | 5402598.00 | 570200.00 | 5402598.00 | 2.4 | 4883.2 |
| 276 | 567800.00 | 5402398.00 | 570200.00 | 5402398.00 | 2.4 | 4885.6 |
| 277 | 567800.00 | 5402198.00 | 570200.00 | 5402198.00 | 2.4 | 4888.0 |
| 278 | 567800.00 | 5401998.00 | 570200.00 | 5401998.00 | 2.4 | 4890.4 |
| 279 | 567800.00 | 5401798.00 | 570200.00 | 5401798.00 | 2.4 | 4892.8 |
| 280 | 567800.00 | 5401598.00 | 570200.00 | 5401598.00 | 2.4 | 4895.2 |
| 281 | 567800.00 | 5401398.00 | 570200.00 | 5401398.00 | 2.4 | 4897.6 |
| 282 | 567800.00 | 5401198.00 | 570200.00 | 5401198.00 | 2.4 | 4900.0 |
| 283 | 567800.00 | 5400998.00 | 570200.00 | 5400998.00 | 2.4 | 4902.4 |
| 284 | 567800.00 | 5400798.00 | 570200.00 | 5400798.00 | 2.4 | 4904.8 |
| 285 | 567800.00 | 5400598.00 | 570200.00 | 5400598.00 | 2.4 | 4907.2 |
| 286 | 567800.00 | 5400398.00 | 570200.00 | 5400398.00 | 2.4 | 4909.6 |
| 287 | 567800.00 | 5400198.00 | 570200.00 | 5400198.00 | 2.4 | 4912.0 |
| 288 | 567800.00 | 5399998.00 | 570200.00 | 5399998.00 | 2.4 | 4914.4 |
| 289 | 567800.00 | 5399798.00 | 570200.00 | 5399798.00 | 2.4 | 4916.8 |
| 290 | 567800.00 | 5399598.00 | 570200.00 | 5399598.00 | 2.4 | 4919.2 |
| 291 | 567800.00 | 5399398.00 | 570200.00 | 5399398.00 | 2.4 | 4921.6 |
| 292 | 567800.00 | 5399198.00 | 570200.00 | 5399198.00 | 2.4 | 4924.0 |
| 293 | 567800.00 | 5398998.00 | 570200.00 | 5398998.00 | 2.4 | 4926.4 |
| 294 | 567800.00 | 5398798.00 | 570200.00 | 5398798.00 | 2.4 | 4928.8 |
| 295 | 567800.00 | 5398598.00 | 570200.00 | 5398598.00 | 2.4 | 4931.2 |
| 296 | 567800.00 | 5398398.00 | 570200.00 | 5398398.00 | 2.4 | 4933.6 |
| 297 | 567800.00 | 5398198.00 | 570200.00 | 5398198.00 | 2.4 | 4936.0 |
| 298 | 567800.00 | 5397998.00 | 570200.00 | 5397998.00 | 2.4 | 4938.4 |
| 299 | 567800.00 | 5397798.00 | 570200.00 | 5397798.00 | 2.4 | 4940.8 |
| 300 | 567800.00 | 5397598.00 | 570200.00 | 5397598.00 | 2.4 | 4943.2 |
| 301 | 567800.00 | 5397398.00 | 570200.00 | 5397398.00 | 2.4 | 4945.6 |
| 302 | 567800.00 | 5397198.00 | 570200.00 | 5397198.00 | 2.4 | 4948.0 |
| 303 | 567800.00 | 5396998.00 | 570200.00 | 5396998.00 | 2.4 | 4950.4 |
| 304 | 567800.00 | 5396798.00 | 570200.00 | 5396798.00 | 2.4 | 4952.8 |
| 305 | 567800.00 | 5396598.00 | 570200.00 | 5396598.00 | 2.4 | 4955.2 |
| 306 | 567800.00 | 5396398.00 | 570200.00 | 5396398.00 | 2.4 | 4957.6 |
| 307 | 567800.00 | 5396198.00 | 570200.00 | 5396198.00 | 2.4 | 4960.0 |
| 308 | 567800.00 | 5395998.00 | 570200.00 | 5395998.00 | 2.4 | 4962.4 |
| 309 | 567800.00 | 5395798.00 | 570200.00 | 5395798.00 | 2.4 | 4964.8 |
| 310 | 567800.00 | 5395598.00 | 570200.00 | 5395598.00 | 2.4 | 4967.2 |
| 311 | 567800.00 | 5395398.00 | 570200.00 | 5395398.00 | 2.4 | 4969.6 |
| 312 | 567800.00 | 5395198.00 | 570200.00 | 5395198.00 | 2.4 | 4972.0 |
| 313 | 567800.00 | 5394998.00 | 570200.00 | 5394998.00 | 2.4 | 4974.4 |
| 314 | 567800.00 | 5394798.00 | 570200.00 | 5394798.00 | 2.4 | 4976.8 |
| 315 | 567800.00 | 5394598.00 | 570200.00 | 5394598.00 | 2.4 | 4979.2 |

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| 316 | 567800.00 | 5394398.00 | 570200.00 | 5394398.00 | 2.4 | 4981.6 |
| 317 | 567800.00 | 5394198.00 | 570200.00 | 5394198.00 | 2.4 | 4984.0 |
| 318 | 567800.00 | 5393998.00 | 570200.00 | 5393998.00 | 2.4 | 4986.4 |
| 319 | 567800.00 | 5393798.00 | 570200.00 | 5393798.00 | 2.4 | 4988.8 |
| 320 | 567800.00 | 5393598.00 | 570200.00 | 5393598.00 | 2.4 | 4991.2 |
| 321 | 567800.00 | 5393398.00 | 570200.00 | 5393398.00 | 2.4 | 4993.6 |
| 322 | 567800.00 | 5393198.00 | 570200.00 | 5393198.00 | 2.4 | 4996.0 |
| 323 | 567800.00 | 5392998.00 | 570200.00 | 5392998.00 | 2.4 | 4998.4 |
| 324 | 567800.00 | 5392798.00 | 570200.00 | 5392798.00 | 2.4 | 5000.8 |
| 325 | 567800.00 | 5392598.00 | 570200.00 | 5392598.00 | 2.4 | 5003.2 |
| 326 | 567800.00 | 5392398.00 | 570200.00 | 5392398.00 | 2.4 | 5005.6 |
| 327 | 567800.00 | 5392198.00 | 570200.00 | 5392198.00 | 2.4 | 5008.0 |
| 328 | 567800.00 | 5391998.00 | 570200.00 | 5391998.00 | 2.4 | 5010.4 |
| 329 | 567800.00 | 5391798.00 | 570200.00 | 5391798.00 | 2.4 | 5012.8 |
| 330 | 567800.00 | 5391598.00 | 570200.00 | 5391598.00 | 2.4 | 5015.2 |
| 331 | 567800.00 | 5391398.00 | 570200.00 | 5391398.00 | 2.4 | 5017.6 |
| 332 | 567800.00 | 5391198.00 | 570200.00 | 5391198.00 | 2.4 | 5020.0 |
| 333 | 567800.00 | 5390998.00 | 570200.00 | 5390998.00 | 2.4 | 5022.4 |
| 334 | 567800.00 | 5390798.00 | 570200.00 | 5390798.00 | 2.4 | 5024.8 |
| 335 | 567800.00 | 5390598.00 | 570200.00 | 5390598.00 | 2.4 | 5027.2 |
| 336 | 567800.00 | 5390398.00 | 570200.00 | 5390398.00 | 2.4 | 5029.6 |
| 337 | 564800.00 | 5390198.00 | 584200.00 | 5390198.00 | 19.4 | 5049.0 |
| 338 | 564800.00 | 5389998.00 | 584200.00 | 5389998.00 | 19.4 | 5068.4 |
| 339 | 564800.00 | 5389798.00 | 580200.00 | 5389798.00 | 15.4 | 5083.8 |
| 340 | 564800.00 | 5389598.00 | 580200.00 | 5389598.00 | 15.4 | 5099.2 |
| 341 | 564800.00 | 5389398.00 | 580200.00 | 5389398.00 | 15.4 | 5114.6 |
| 342 | 564800.00 | 5389198.00 | 580200.00 | 5389198.00 | 15.4 | 5130.0 |
| 343 | 564800.00 | 5388998.00 | 580200.00 | 5388998.00 | 15.4 | 5145.4 |
| 344 | 564800.00 | 5388798.00 | 580200.00 | 5388798.00 | 15.4 | 5160.8 |
| 345 | 564800.00 | 5388598.00 | 580200.00 | 5388598.00 | 15.4 | 5176.2 |
| 346 | 564800.00 | 5388398.00 | 580200.00 | 5388398.00 | 15.4 | 5191.6 |
| 347 | 564800.00 | 5388198.00 | 580200.00 | 5388198.00 | 15.4 | 5207.0 |
| 348 | 564800.00 | 5387998.00 | 580200.00 | 5387998.00 | 15.4 | 5222.4 |
| 349 | 564800.00 | 5387798.00 | 580200.00 | 5387798.00 | 15.4 | 5237.8 |
| 350 | 564800.00 | 5387598.00 | 580200.00 | 5387598.00 | 15.4 | 5253.2 |
| 351 | 564800.00 | 5387398.00 | 580200.00 | 5387398.00 | 15.4 | 5268.6 |
| 352 | 564800.00 | 5387198.00 | 580200.00 | 5387198.00 | 15.4 | 5284.0 |
| 353 | 564800.00 | 5386998.00 | 580200.00 | 5386998.00 | 15.4 | 5299.4 |
| 354 | 564800.00 | 5386798.00 | 578200.00 | 5386798.00 | 13.4 | 5312.8 |
| 355 | 564800.00 | 5386598.00 | 578200.00 | 5386598.00 | 13.4 | 5326.2 |
| 356 | 564800.00 | 5386398.00 | 578200.00 | 5386398.00 | 13.4 | 5339.6 |
| 357 | 564800.00 | 5386198.00 | 578200.00 | 5386198.00 | 13.4 | 5353.0 |
| 358 | 564800.00 | 5385998.00 | 578200.00 | 5385998.00 | 13.4 | 5366.4 |
| 359 | 564800.00 | 5385798.00 | 578200.00 | 5385798.00 | 13.4 | 5379.8 |
| 360 | 564800.00 | 5385598.00 | 578200.00 | 5385598.00 | 13.4 | 5393.2 |
| 361 | 564800.00 | 5385398.00 | 578200.00 | 5385398.00 | 13.4 | 5406.6 |
| 362 | 564800.00 | 5385198.00 | 578200.00 | 5385198.00 | 13.4 | 5420.0 |
| 363 | 564800.00 | 5384998.00 | 578200.00 | 5384998.00 | 13.4 | 5433.4 |
| 364 | 564800.00 | 5384798.00 | 578200.00 | 5384798.00 | 13.4 | 5446.8 |
| 365 | 564800.00 | 5384598.00 | 578200.00 | 5384598.00 | 13.4 | 5460.2 |
| 366 | 564800.00 | 5384398.00 | 578200.00 | 5384398.00 | 13.4 | 5473.6 |
| 367 | 564800.00 | 5384198.00 | 578200.00 | 5384198.00 | 13.4 | 5487.0 |
| 368 | 564800.00 | 5383998.00 | 578200.00 | 5383998.00 | 13.4 | 5500.4 |
| 369 | 564800.00 | 5383798.00 | 578200.00 | 5383798.00 | 13.4 | 5513.8 |
| 370 | 564800.00 | 5383598.00 | 578200.00 | 5383598.00 | 13.4 | 5527.2 |
| 371 | 564800.00 | 5383398.00 | 578200.00 | 5383398.00 | 13.4 | 5540.6 |
| 372 | 564800.00 | 5383198.00 | 578200.00 | 5383198.00 | 13.4 | 5554.0 |
| 373 | 564800.00 | 5382998.00 | 578200.00 | 5382998.00 | 13.4 | 5567.4 |
| 374 | 564800.00 | 5382798.00 | 578200.00 | 5382798.00 | 13.4 | 5580.8 |
| 375 | 564800.00 | 5382598.00 | 578200.00 | 5382598.00 | 13.4 | 5594.2 |

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| 376 | 564800.00 | 5382398.00 | 578200.00 | 5382398.00 | 13.4 | 5607.6 |
| 377 | 564800.00 | 5382198.00 | 578200.00 | 5382198.00 | 13.4 | 5621.0 |
| 378 | 564800.00 | 5381998.00 | 578200.00 | 5381998.00 | 13.4 | 5634.4 |
| 379 | 564800.00 | 5381798.00 | 574200.00 | 5381798.00 | 9.4 | 5643.8 |
| 380 | 564800.00 | 5381598.00 | 574200.00 | 5381598.00 | 9.4 | 5653.2 |
| 381 | 564800.00 | 5381398.00 | 574200.00 | 5381398.00 | 9.4 | 5662.6 |
| 382 | 564800.00 | 5381198.00 | 574200.00 | 5381198.00 | 9.4 | 5672.0 |
| 383 | 564800.00 | 5380998.00 | 574200.00 | 5380998.00 | 9.4 | 5681.4 |
| 384 | 564800.00 | 5380798.00 | 574200.00 | 5380798.00 | 9.4 | 5690.8 |
| 385 | 564800.00 | 5380598.00 | 574200.00 | 5380598.00 | 9.4 | 5700.2 |
| 386 | 564800.00 | 5380398.00 | 574200.00 | 5380398.00 | 9.4 | 5709.6 |
| 387 | 564800.00 | 5380198.00 | 574200.00 | 5380198.00 | 9.4 | 5719.0 |
| 388 | 564800.00 | 5379998.00 | 574200.00 | 5379998.00 | 9.4 | 5728.4 |
| 389 | 564800.00 | 5379798.00 | 574200.00 | 5379798.00 | 9.4 | 5737.8 |
| 390 | 564800.00 | 5379598.00 | 574200.00 | 5379598.00 | 9.4 | 5747.2 |
| 391 | 564800.00 | 5379398.00 | 574200.00 | 5379398.00 | 9.4 | 5756.6 |
| 392 | 564800.00 | 5379198.00 | 574200.00 | 5379198.00 | 9.4 | 5766.0 |
| 393 | 564800.00 | 5378998.00 | 574200.00 | 5378998.00 | 9.4 | 5775.4 |
| 394 | 564800.00 | 5378798.00 | 574200.00 | 5378798.00 | 9.4 | 5784.8 |
| 395 | 564800.00 | 5378598.00 | 574200.00 | 5378598.00 | 9.4 | 5794.2 |
| 396 | 564800.00 | 5378398.00 | 574200.00 | 5378398.00 | 9.4 | 5803.6 |
| 397 | 564800.00 | 5378198.00 | 574200.00 | 5378198.00 | 9.4 | 5813.0 |
| 398 | 564800.00 | 5377998.00 | 574200.00 | 5377998.00 | 9.4 | 5822.4 |
| 399 | 564800.00 | 5377798.00 | 574200.00 | 5377798.00 | 9.4 | 5831.8 |
| 400 | 564800.00 | 5377598.00 | 574200.00 | 5377598.00 | 9.4 | 5841.2 |
| 401 | 564800.00 | 5377398.00 | 574200.00 | 5377398.00 | 9.4 | 5850.6 |
| 402 | 564800.00 | 5377198.00 | 574200.00 | 5377198.00 | 9.4 | 5860.0 |
| 403 | 564800.00 | 5376998.00 | 574200.00 | 5376998.00 | 9.4 | 5869.4 |
| 9001 | 560201.00 | 5411800.00 | 560201.00 | 5419200.00 | 7.4 | 5876.8 |
| 9002 | 560601.00 | 5411800.00 | 560601.00 | 5419200.00 | 7.4 | 5884.2 |
| 9003 | 561001.00 | 5411800.00 | 561001.00 | 5419200.00 | 7.4 | 5891.6 |
| 9004 | 561401.00 | 5411800.00 | 561401.00 | 5419200.00 | 7.4 | 5899.0 |
| 9005 | 561801.00 | 5411800.00 | 561801.00 | 5419200.00 | 7.4 | 5906.4 |
| 9006 | 562201.00 | 5411800.00 | 562201.00 | 5419200.00 | 7.4 | 5913.8 |
| 9007 | 562601.00 | 5411800.00 | 562601.00 | 5419200.00 | 7.4 | 5921.2 |
| 9008 | 563001.00 | 5411800.00 | 563001.00 | 5419200.00 | 7.4 | 5928.6 |
| 9009 | 563401.00 | 5411800.00 | 563401.00 | 5419200.00 | 7.4 | 5936.0 |
| 9010 | 563801.00 | 5411800.00 | 563801.00 | 5419200.00 | 7.4 | 5943.4 |
| 9011 | 564201.00 | 5407800.00 | 564201.00 | 5434200.00 | 26.4 | 5969.8 |
| 9012 | 564601.00 | 5407800.00 | 564601.00 | 5434200.00 | 26.4 | 5996.2 |
| 9013 | 565001.00 | 5407800.00 | 565001.00 | 5434200.00 | 26.4 | 6022.6 |
| 9014 | 565401.00 | 5407800.00 | 565401.00 | 5434200.00 | 26.4 | 6049.0 |
| 9015 | 565801.00 | 5407800.00 | 565801.00 | 5434200.00 | 26.4 | 6075.4 |
| 9016 | 566201.00 | 5405800.00 | 566201.00 | 5434200.00 | 28.4 | 6103.8 |
| 9017 | 566601.00 | 5405800.00 | 566601.00 | 5434200.00 | 28.4 | 6132.2 |
| 9018 | 567001.00 | 5403800.00 | 567001.00 | 5434200.00 | 30.4 | 6162.6 |
| 9019 | 567401.00 | 5403800.00 | 567401.00 | 5434200.00 | 30.4 | 6193.0 |
| 9020 | 567801.00 | 5403800.00 | 567801.00 | 5434200.00 | 30.4 | 6223.4 |
| 9021 | 568201.00 | 5376800.00 | 568201.00 | 5434200.00 | 57.4 | 6280.8 |
| 9022 | 568601.00 | 5376800.00 | 568601.00 | 5434200.00 | 57.4 | 6338.2 |
| 9023 | 569001.00 | 5376800.00 | 569001.00 | 5434200.00 | 57.4 | 6395.6 |
| 9024 | 569401.00 | 5376800.00 | 569401.00 | 5434200.00 | 57.4 | 6453.0 |
| 9025 | 569801.00 | 5376800.00 | 569801.00 | 5434200.00 | 57.4 | 6510.4 |
| 9026 | 570201.00 | 5410500.00 | 570201.00 | 5434200.00 | 23.7 | 6534.1 |
| 9027 | 570601.00 | 5410500.00 | 570601.00 | 5434200.00 | 23.7 | 6557.8 |
| 9028 | 571001.00 | 5410500.00 | 571001.00 | 5434200.00 | 23.7 | 6581.5 |
| 9029 | 571401.00 | 5410500.00 | 571401.00 | 5434200.00 | 23.7 | 6605.2 |
| 9030 | 571801.00 | 5410500.00 | 571801.00 | 5434200.00 | 23.7 | 6628.9 |
| 9031 | 572201.00 | 5410500.00 | 572201.00 | 5434200.00 | 23.7 | 6652.6 |
| 9032 | 572601.00 | 5410500.00 | 572601.00 | 5434200.00 | 23.7 | 6676.3 |

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| 9033 | 573001.00 | 5410500.00 | 573001.00 | 5434200.00 | 23.7 | 6700.0 |
| 9034 | 573401.00 | 5410500.00 | 573401.00 | 5434200.00 | 23.7 | 6723.7 |
| 9035 | 573801.00 | 5410500.00 | 573801.00 | 5434200.00 | 23.7 | 6747.4 |
| 9036 | 574201.00 | 5410500.00 | 574201.00 | 5434200.00 | 23.7 | 6771.1 |
| 9037 | 574601.00 | 5410500.00 | 574601.00 | 5434200.00 | 23.7 | 6794.8 |
| 9038 | 575001.00 | 5410500.00 | 575001.00 | 5434200.00 | 23.7 | 6818.5 |
| 9039 | 575401.00 | 5410500.00 | 575401.00 | 5421200.00 | 10.7 | 6829.2 |
| 9040 | 575801.00 | 5410500.00 | 575801.00 | 5421200.00 | 10.7 | 6839.9 |
| 9041 | 576201.00 | 5410500.00 | 576201.00 | 5421200.00 | 10.7 | 6850.6 |
| 9042 | 576601.00 | 5410500.00 | 576601.00 | 5421200.00 | 10.7 | 6861.3 |
| 9043 | 577001.00 | 5410500.00 | 577001.00 | 5421200.00 | 10.7 | 6872.0 |
| 9044 | 577401.00 | 5410500.00 | 577401.00 | 5421200.00 | 10.7 | 6882.7 |
| 9045 | 577801.00 | 5410500.00 | 577801.00 | 5421200.00 | 10.7 | 6893.4 |
| 9046 | 578201.00 | 5386800.00 | 578201.00 | 5418200.00 | 31.4 | 6924.8 |
| 9047 | 578601.00 | 5386800.00 | 578601.00 | 5418200.00 | 31.4 | 6956.2 |
| 9048 | 579001.00 | 5386800.00 | 579001.00 | 5418200.00 | 31.4 | 6987.6 |
| 9049 | 579401.00 | 5386800.00 | 579401.00 | 5418200.00 | 31.4 | 7019.0 |
| 9050 | 579801.00 | 5386800.00 | 579801.00 | 5418200.00 | 31.4 | 7050.4 |
| 9051 | 580201.00 | 5389800.00 | 580201.00 | 5418200.00 | 28.4 | 7078.8 |
| 9052 | 580601.00 | 5389800.00 | 580601.00 | 5418200.00 | 28.4 | 7107.2 |
| 9053 | 581001.00 | 5389800.00 | 581001.00 | 5418200.00 | 28.4 | 7135.6 |
| 9054 | 581401.00 | 5389800.00 | 581401.00 | 5418200.00 | 28.4 | 7164.0 |
| 9055 | 581801.00 | 5389800.00 | 581801.00 | 5418200.00 | 28.4 | 7192.4 |
| 9056 | 582201.00 | 5389800.00 | 582201.00 | 5418200.00 | 28.4 | 7220.8 |
| 9057 | 582601.00 | 5389800.00 | 582601.00 | 5418200.00 | 28.4 | 7249.2 |
| 9058 | 583001.00 | 5389800.00 | 583001.00 | 5418200.00 | 28.4 | 7277.6 |
| 9059 | 583401.00 | 5389800.00 | 583401.00 | 5418200.00 | 28.4 | 7306.0 |
| 9060 | 583801.00 | 5389800.00 | 583801.00 | 5418200.00 | 28.4 | 7334.4 |
| 9061 | 584201.00 | 5402800.00 | 584201.00 | 5418200.00 | 15.4 | 7349.8 |
| 9062 | 584601.00 | 5402800.00 | 584601.00 | 5418200.00 | 15.4 | 7365.2 |
| 9063 | 585001.00 | 5402800.00 | 585001.00 | 5418200.00 | 15.4 | 7380.6 |
| 9064 | 585401.00 | 5402800.00 | 585401.00 | 5418200.00 | 15.4 | 7396.0 |
| 9065 | 585801.00 | 5402800.00 | 585801.00 | 5418200.00 | 15.4 | 7411.4 |
| 9066 | 586201.00 | 5402800.00 | 586201.00 | 5418200.00 | 15.4 | 7426.8 |
| 9067 | 586601.00 | 5402800.00 | 586601.00 | 5418200.00 | 15.4 | 7442.2 |
| 9068 | 587001.00 | 5402800.00 | 587001.00 | 5418200.00 | 15.4 | 7457.6 |
| 9069 | 587401.00 | 5402800.00 | 587401.00 | 5418200.00 | 15.4 | 7473.0 |
| 9070 | 587801.00 | 5402800.00 | 587801.00 | 5418200.00 | 15.4 | 7488.4 |
| 9071 | 588201.00 | 5402800.00 | 588201.00 | 5421200.00 | 18.4 | 7506.8 |
| 9072 | 588601.00 | 5402800.00 | 588601.00 | 5421200.00 | 18.4 | 7525.2 |
| 9073 | 589001.00 | 5402800.00 | 589001.00 | 5421200.00 | 18.4 | 7543.6 |
| 9074 | 589401.00 | 5402800.00 | 589401.00 | 5421200.00 | 18.4 | 7562.0 |
| 9075 | 589801.00 | 5402800.00 | 589801.00 | 5421200.00 | 18.4 | 7580.4 |
| 9076 | 590201.00 | 5402800.00 | 590201.00 | 5421200.00 | 18.4 | 7598.8 |
| 9077 | 590601.00 | 5402800.00 | 590601.00 | 5421200.00 | 18.4 | 7617.2 |
| 9078 | 591001.00 | 5402800.00 | 591001.00 | 5421200.00 | 18.4 | 7635.6 |
| 9079 | 591401.00 | 5402800.00 | 591401.00 | 5421200.00 | 18.4 | 7654.0 |
| 9080 | 591801.00 | 5402800.00 | 591801.00 | 5421200.00 | 18.4 | 7672.4 |
| 9081 | 592201.00 | 5402800.00 | 592201.00 | 5421200.00 | 18.4 | 7690.8 |
| 9082 | 592601.00 | 5402800.00 | 592601.00 | 5421200.00 | 18.4 | 7709.2 |
| 9083 | 593001.00 | 5402800.00 | 593001.00 | 5421200.00 | 18.4 | 7727.6 |
| 9084 | 593401.00 | 5402800.00 | 593401.00 | 5421200.00 | 18.4 | 7746.0 |
| 9085 | 593801.00 | 5402800.00 | 593801.00 | 5421200.00 | 18.4 | 7764.4 |
| 9086 | 594201.00 | 5402800.00 | 594201.00 | 5421200.00 | 18.4 | 7782.8 |
| 9087 | 594601.00 | 5402800.00 | 594601.00 | 5421200.00 | 18.4 | 7801.2 |
| 9088 | 595001.00 | 5402800.00 | 595001.00 | 5421200.00 | 18.4 | 7819.6 |
| 9089 | 595401.00 | 5402800.00 | 595401.00 | 5421200.00 | 18.4 | 7838.0 |
| 9090 | 595801.00 | 5402800.00 | 595801.00 | 5421200.00 | 18.4 | 7856.4 |
| 9091 | 596201.00 | 5402800.00 | 596201.00 | 5421200.00 | 18.4 | 7874.8 |
| 9092 | 596601.00 | 5402800.00 | 596601.00 | 5421200.00 | 18.4 | 7893.2 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 9093 | 597001.00 | 5402800.00 | 597001.00 | 5421200.00 | 18.4 | 7911.6 |
| 9094 | 597401.00 | 5402800.00 | 597401.00 | 5421200.00 | 18.4 | 7930.0 |
| 9095 | 597801.00 | 5402800.00 | 597801.00 | 5421200.00 | 18.4 | 7948.4 |
| 9096 | 598201.00 | 5402800.00 | 598201.00 | 5421200.00 | 18.4 | 7966.8 |
| 9097 | 598601.00 | 5402800.00 | 598601.00 | 5421200.00 | 18.4 | 7985.2 |
| 9098 | 599001.00 | 5402800.00 | 599001.00 | 5421200.00 | 18.4 | 8003.6 |
| 9099 | 599401.00 | 5402800.00 | 599401.00 | 5421200.00 | 18.4 | 8022.0 |
| 9100 | 599801.00 | 5402800.00 | 599801.00 | 5421200.00 | 18.4 | 8040.4 |
| 9101 | 600201.00 | 5402800.00 | 600201.00 | 5421200.00 | 18.4 | 8058.8 |
| 9102 | 600601.00 | 5402800.00 | 600601.00 | 5421200.00 | 18.4 | 8077.2 |
| 9103 | 601001.00 | 5402800.00 | 601001.00 | 5421200.00 | 18.4 | 8095.6 |
| 9104 | 601401.00 | 5402800.00 | 601401.00 | 5421200.00 | 18.4 | 8114.0 |
| 9105 | 601801.00 | 5402800.00 | 601801.00 | 5421200.00 | 18.4 | 8132.4 |
| 9106 | 602201.00 | 5402800.00 | 602201.00 | 5421200.00 | 18.4 | 8150.8 |
| 9107 | 602601.00 | 5402800.00 | 602601.00 | 5421200.00 | 18.4 | 8169.2 |
| 9108 | 603001.00 | 5402800.00 | 603001.00 | 5421200.00 | 18.4 | 8187.6 |
| 9109 | 603401.00 | 5402800.00 | 603401.00 | 5421200.00 | 18.4 | 8206.0 |
| 9110 | 603801.00 | 5402800.00 | 603801.00 | 5421200.00 | 18.4 | 8224.4 |
| 9111 | 604201.00 | 5402800.00 | 604201.00 | 5421200.00 | 18.4 | 8242.8 |
| 9112 | 604601.00 | 5402800.00 | 604601.00 | 5421200.00 | 18.4 | 8261.2 |
| 9113 | 605001.00 | 5402800.00 | 605001.00 | 5421200.00 | 18.4 | 8279.6 |
| 9114 | 605401.00 | 5402800.00 | 605401.00 | 5421200.00 | 18.4 | 8298.0 |
| 9115 | 605801.00 | 5402800.00 | 605801.00 | 5421200.00 | 18.4 | 8316.4 |
| 9116 | 606201.00 | 5402800.00 | 606201.00 | 5421200.00 | 18.4 | 8334.8 |
| 9117 | 606601.00 | 5402806.43 | 606601.00 | 5421200.00 | 18.4 | 8353.2 |
| 9118 | 607001.00 | 5405377.86 | 607001.00 | 5421200.00 | 15.8 | 8369.0 |
| 9119 | 607401.00 | 5407949.29 | 607401.00 | 5421200.00 | 13.3 | 8382.2 |
| 9120 | 607801.00 | 5410520.71 | 607801.00 | 5421200.00 | 10.7 | 8392.9 |
| 9121 | 608201.00 | 5413092.14 | 608201.00 | 5421200.00 | 8.1 | 8401.0 |
| 9122 | 608601.00 | 5415663.57 | 608601.00 | 5421200.00 | 5.5 | 8406.6 |
| 9123 | 609001.00 | 5418235.00 | 609001.00 | 5421200.00 | 3.0 | 8409.5 |
| 9124 | 565001.00 | 5376800.00 | 565001.00 | 5390200.00 | 13.4 | 8422.9 |
| 9125 | 565401.00 | 5376800.00 | 565401.00 | 5390200.00 | 13.4 | 8436.3 |
| 9126 | 565801.00 | 5376800.00 | 565801.00 | 5390200.00 | 13.4 | 8449.7 |
| 9127 | 566201.00 | 5376800.00 | 566201.00 | 5390200.00 | 13.4 | 8463.1 |
| 9128 | 566601.00 | 5376800.00 | 566601.00 | 5390200.00 | 13.4 | 8476.5 |
| 9129 | 567001.00 | 5376800.00 | 567001.00 | 5390200.00 | 13.4 | 8489.9 |
| 9130 | 567401.00 | 5376800.00 | 567401.00 | 5390200.00 | 13.4 | 8503.3 |
| 9131 | 567801.00 | 5376800.00 | 567801.00 | 5390200.00 | 13.4 | 8516.7 |
| 9132 | 570201.00 | 5376800.00 | 570201.00 | 5390200.00 | 13.4 | 8530.1 |
| 9133 | 570601.00 | 5376800.00 | 570601.00 | 5390200.00 | 13.4 | 8543.5 |
| 9134 | 571001.00 | 5376800.00 | 571001.00 | 5390200.00 | 13.4 | 8556.9 |
| 9135 | 571401.00 | 5376800.00 | 571401.00 | 5390200.00 | 13.4 | 8570.3 |
| 9136 | 571801.00 | 5376800.00 | 571801.00 | 5390200.00 | 13.4 | 8583.7 |
| 9137 | 572201.00 | 5376800.00 | 572201.00 | 5390200.00 | 13.4 | 8597.1 |
| 9138 | 572601.00 | 5376800.00 | 572601.00 | 5390200.00 | 13.4 | 8610.5 |
| 9139 | 573001.00 | 5376800.00 | 573001.00 | 5390200.00 | 13.4 | 8623.9 |
| 9140 | 573401.00 | 5376800.00 | 573401.00 | 5390200.00 | 13.4 | 8637.3 |
| 9141 | 573801.00 | 5376800.00 | 573801.00 | 5390200.00 | 13.4 | 8650.7 |
| 9142 | 574201.00 | 5381800.00 | 574201.00 | 5390200.00 | 8.4 | 8659.1 |
| 9143 | 574601.00 | 5381800.00 | 574601.00 | 5390200.00 | 8.4 | 8667.5 |
| 9144 | 575001.00 | 5381800.00 | 575001.00 | 5390200.00 | 8.4 | 8675.9 |
| 9145 | 575401.00 | 5381800.00 | 575401.00 | 5390200.00 | 8.4 | 8684.3 |
| 9146 | 575801.00 | 5381800.00 | 575801.00 | 5390200.00 | 8.4 | 8692.7 |
| 9147 | 576201.00 | 5381800.00 | 576201.00 | 5390200.00 | 8.4 | 8701.1 |
| 9148 | 576601.00 | 5381800.00 | 576601.00 | 5390200.00 | 8.4 | 8709.5 |
| 9149 | 577001.00 | 5381800.00 | 577001.00 | 5390200.00 | 8.4 | 8717.9 |
| 9150 | 577401.00 | 5381800.00 | 577401.00 | 5390200.00 | 8.4 | 8726.3 |
| 9151 | 577801.00 | 5381800.00 | 577801.00 | 5390200.00 | 8.4 | 8734.7 |

| Type | Dir | Spc | Shortest | Longest | Lines | Tot. Dist |
|---|---|---|---|---|---|---|
| TRAVERSE | 90.0 | 200.0 m | 2.4 Km | 49.4 Km | 403 | 5869.4 Km |
| TIES | 0.0 | 400.0 m | 3.0 Km | 57.4 Km | 151 | 2865.4 Km |
| TOTAL | | | | | | 8734.7 Km |

Job : TAS2
Area :
Client :

Boundary lines used...

568000.0, 5440000.0 to 556000.0, 5440000.0
556000.0, 5440000.0 to 556000.0, 5454500.0
556000.0, 5454500.0 to 560000.0, 5454500.0
560000.0, 5454500.0 to 560000.0, 5458000.0
560000.0, 5458000.0 to 568000.0, 5458000.0
568000.0, 5458000.0 to 568000.0, 5440000.0

| Line | East | North | East | North | Length | Total |
|---|---|---|---|---|---|---|
| 1 | 559800.00 | 5458198.00 | 568200.00 | 5458198.00 | 8.4 | 8.4 |
| 2 | 559800.00 | 5457998.00 | 568200.00 | 5457998.00 | 8.4 | 16.8 |
| 3 | 559800.00 | 5457798.00 | 568200.00 | 5457798.00 | 8.4 | 25.2 |
| 4 | 559800.00 | 5457598.00 | 568200.00 | 5457598.00 | 8.4 | 33.6 |
| 5 | 559800.00 | 5457398.00 | 568200.00 | 5457398.00 | 8.4 | 42.0 |
| 6 | 559800.00 | 5457198.00 | 568200.00 | 5457198.00 | 8.4 | 50.4 |
| 7 | 559800.00 | 5456998.00 | 568200.00 | 5456998.00 | 8.4 | 58.8 |
| 8 | 559800.00 | 5456798.00 | 568200.00 | 5456798.00 | 8.4 | 67.2 |
| 9 | 559800.00 | 5456598.00 | 568200.00 | 5456598.00 | 8.4 | 75.6 |
| 10 | 559800.00 | 5456398.00 | 568200.00 | 5456398.00 | 8.4 | 84.0 |
| 11 | 559800.00 | 5456198.00 | 568200.00 | 5456198.00 | 8.4 | 92.4 |
| 12 | 559800.00 | 5455998.00 | 568200.00 | 5455998.00 | 8.4 | 100.8 |
| 13 | 559800.00 | 5455798.00 | 568200.00 | 5455798.00 | 8.4 | 109.2 |
| 14 | 559800.00 | 5455598.00 | 568200.00 | 5455598.00 | 8.4 | 117.6 |
| 15 | 559800.00 | 5455398.00 | 568200.00 | 5455398.00 | 8.4 | 126.0 |
| 16 | 559800.00 | 5455198.00 | 568200.00 | 5455198.00 | 8.4 | 134.4 |
| 17 | 559800.00 | 5454998.00 | 568200.00 | 5454998.00 | 8.4 | 142.8 |
| 18 | 559800.00 | 5454798.00 | 568200.00 | 5454798.00 | 8.4 | 151.2 |
| 19 | 555800.00 | 5454598.00 | 568200.00 | 5454598.00 | 12.4 | 163.6 |
| 20 | 555800.00 | 5454398.00 | 568200.00 | 5454398.00 | 12.4 | 176.0 |
| 21 | 555800.00 | 5454198.00 | 568200.00 | 5454198.00 | 12.4 | 188.4 |
| 22 | 555800.00 | 5453998.00 | 568200.00 | 5453998.00 | 12.4 | 200.8 |
| 23 | 555800.00 | 5453798.00 | 568200.00 | 5453798.00 | 12.4 | 213.2 |
| 24 | 555800.00 | 5453598.00 | 568200.00 | 5453598.00 | 12.4 | 225.6 |
| 25 | 555800.00 | 5453398.00 | 568200.00 | 5453398.00 | 12.4 | 238.0 |
| 26 | 555800.00 | 5453198.00 | 568200.00 | 5453198.00 | 12.4 | 250.4 |
| 27 | 555800.00 | 5452998.00 | 568200.00 | 5452998.00 | 12.4 | 262.8 |
| 28 | 555800.00 | 5452798.00 | 568200.00 | 5452798.00 | 12.4 | 275.2 |
| 29 | 555800.00 | 5452598.00 | 568200.00 | 5452598.00 | 12.4 | 287.6 |
| 30 | 555800.00 | 5452398.00 | 568200.00 | 5452398.00 | 12.4 | 300.0 |
| 31 | 555800.00 | 5452198.00 | 568200.00 | 5452198.00 | 12.4 | 312.4 |
| 32 | 555800.00 | 5451998.00 | 568200.00 | 5451998.00 | 12.4 | 324.8 |
| 33 | 555800.00 | 5451798.00 | 568200.00 | 5451798.00 | 12.4 | 337.2 |
| 34 | 555800.00 | 5451598.00 | 568200.00 | 5451598.00 | 12.4 | 349.6 |
| 35 | 555800.00 | 5451398.00 | 568200.00 | 5451398.00 | 12.4 | 362.0 |
| 36 | 555800.00 | 5451198.00 | 568200.00 | 5451198.00 | 12.4 | 374.4 |
| 37 | 555800.00 | 5450998.00 | 568200.00 | 5450998.00 | 12.4 | 386.8 |
| 38 | 555800.00 | 5450798.00 | 568200.00 | 5450798.00 | 12.4 | 399.2 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 39 | 555800.00 | 5450598.00 | 568200.00 | 5450598.00 | 12.4 | 411.6 |
| 40 | 555800.00 | 5450398.00 | 568200.00 | 5450398.00 | 12.4 | 424.0 |
| 41 | 555800.00 | 5450198.00 | 568200.00 | 5450198.00 | 12.4 | 436.4 |
| 42 | 555800.00 | 5449998.00 | 568200.00 | 5449998.00 | 12.4 | 448.8 |
| 43 | 555800.00 | 5449798.00 | 568200.00 | 5449798.00 | 12.4 | 461.2 |
| 44 | 555800.00 | 5449598.00 | 568200.00 | 5449598.00 | 12.4 | 473.6 |
| 45 | 555800.00 | 5449398.00 | 568200.00 | 5449398.00 | 12.4 | 486.0 |
| 46 | 555800.00 | 5449198.00 | 568200.00 | 5449198.00 | 12.4 | 498.4 |
| 47 | 555800.00 | 5448998.00 | 568200.00 | 5448998.00 | 12.4 | 510.8 |
| 48 | 555800.00 | 5448798.00 | 568200.00 | 5448798.00 | 12.4 | 523.2 |
| 49 | 555800.00 | 5448598.00 | 568200.00 | 5448598.00 | 12.4 | 535.6 |
| 50 | 555800.00 | 5448398.00 | 568200.00 | 5448398.00 | 12.4 | 548.0 |
| 51 | 555800.00 | 5448198.00 | 568200.00 | 5448198.00 | 12.4 | 560.4 |
| 52 | 555800.00 | 5447998.00 | 568200.00 | 5447998.00 | 12.4 | 572.8 |
| 53 | 555800.00 | 5447798.00 | 568200.00 | 5447798.00 | 12.4 | 585.2 |
| 54 | 555800.00 | 5447598.00 | 568200.00 | 5447598.00 | 12.4 | 597.6 |
| 55 | 555800.00 | 5447398.00 | 568200.00 | 5447398.00 | 12.4 | 610.0 |
| 56 | 555800.00 | 5447198.00 | 568200.00 | 5447198.00 | 12.4 | 622.4 |
| 57 | 555800.00 | 5446998.00 | 568200.00 | 5446998.00 | 12.4 | 634.8 |
| 58 | 555800.00 | 5446798.00 | 568200.00 | 5446798.00 | 12.4 | 647.2 |
| 59 | 555800.00 | 5446598.00 | 568200.00 | 5446598.00 | 12.4 | 659.6 |
| 60 | 555800.00 | 5446398.00 | 568200.00 | 5446398.00 | 12.4 | 672.0 |
| 61 | 555800.00 | 5446198.00 | 568200.00 | 5446198.00 | 12.4 | 684.4 |
| 62 | 555800.00 | 5445998.00 | 568200.00 | 5445998.00 | 12.4 | 696.8 |
| 63 | 555800.00 | 5445798.00 | 568200.00 | 5445798.00 | 12.4 | 709.2 |
| 64 | 555800.00 | 5445598.00 | 568200.00 | 5445598.00 | 12.4 | 721.6 |
| 65 | 555800.00 | 5445398.00 | 568200.00 | 5445398.00 | 12.4 | 734.0 |
| 66 | 555800.00 | 5445198.00 | 568200.00 | 5445198.00 | 12.4 | 746.4 |
| 67 | 555800.00 | 5444998.00 | 568200.00 | 5444998.00 | 12.4 | 758.8 |
| 68 | 555800.00 | 5444798.00 | 568200.00 | 5444798.00 | 12.4 | 771.2 |
| 69 | 555800.00 | 5444598.00 | 568200.00 | 5444598.00 | 12.4 | 783.6 |
| 70 | 555800.00 | 5444398.00 | 568200.00 | 5444398.00 | 12.4 | 796.0 |
| 71 | 555800.00 | 5444198.00 | 568200.00 | 5444198.00 | 12.4 | 808.4 |
| 72 | 555800.00 | 5443998.00 | 568200.00 | 5443998.00 | 12.4 | 820.8 |
| 73 | 555800.00 | 5443798.00 | 568200.00 | 5443798.00 | 12.4 | 833.2 |
| 74 | 555800.00 | 5443598.00 | 568200.00 | 5443598.00 | 12.4 | 845.6 |
| 75 | 555800.00 | 5443398.00 | 568200.00 | 5443398.00 | 12.4 | 858.0 |
| 76 | 555800.00 | 5443198.00 | 568200.00 | 5443198.00 | 12.4 | 870.4 |
| 77 | 555800.00 | 5442998.00 | 568200.00 | 5442998.00 | 12.4 | 882.8 |
| 78 | 555800.00 | 5442798.00 | 568200.00 | 5442798.00 | 12.4 | 895.2 |
| 79 | 555800.00 | 5442598.00 | 568200.00 | 5442598.00 | 12.4 | 907.6 |
| 80 | 555800.00 | 5442398.00 | 568200.00 | 5442398.00 | 12.4 | 920.0 |
| 81 | 555800.00 | 5442198.00 | 568200.00 | 5442198.00 | 12.4 | 932.4 |
| 82 | 555800.00 | 5441998.00 | 568200.00 | 5441998.00 | 12.4 | 944.8 |
| 83 | 555800.00 | 5441798.00 | 568200.00 | 5441798.00 | 12.4 | 957.2 |
| 84 | 555800.00 | 5441598.00 | 568200.00 | 5441598.00 | 12.4 | 969.6 |
| 85 | 555800.00 | 5441398.00 | 568200.00 | 5441398.00 | 12.4 | 982.0 |
| 86 | 555800.00 | 5441198.00 | 568200.00 | 5441198.00 | 12.4 | 994.4 |
| 87 | 555800.00 | 5440998.00 | 568200.00 | 5440998.00 | 12.4 | 1006.8 |
| 88 | 555800.00 | 5440798.00 | 568200.00 | 5440798.00 | 12.4 | 1019.2 |
| 89 | 555800.00 | 5440598.00 | 568200.00 | 5440598.00 | 12.4 | 1031.6 |
| 90 | 555800.00 | 5440398.00 | 568200.00 | 5440398.00 | 12.4 | 1044.0 |
| 91 | 555800.00 | 5440198.00 | 568200.00 | 5440198.00 | 12.4 | 1056.4 |
| 92 | 555800.00 | 5439998.00 | 568200.00 | 5439998.00 | 12.4 | 1068.8 |
| 9001 | 556004.00 | 5439800.00 | 556004.00 | 5454700.00 | 14.9 | 1083.7 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 9002 | 556404.00 | 5439800.00 | 556404.00 | 5454700.00 | 14.9 | 1098.6 |
| 9003 | 556804.00 | 5439800.00 | 556804.00 | 5454700.00 | 14.9 | 1113.5 |
| 9004 | 557204.00 | 5439800.00 | 557204.00 | 5454700.00 | 14.9 | 1128.4 |
| 9005 | 557604.00 | 5439800.00 | 557604.00 | 5454700.00 | 14.9 | 1143.3 |
| 9006 | 558004.00 | 5439800.00 | 558004.00 | 5454700.00 | 14.9 | 1158.2 |
| 9007 | 558404.00 | 5439800.00 | 558404.00 | 5454700.00 | 14.9 | 1173.1 |
| 9008 | 558804.00 | 5439800.00 | 558804.00 | 5454700.00 | 14.9 | 1188.0 |
| 9009 | 559204.00 | 5439800.00 | 559204.00 | 5454700.00 | 14.9 | 1202.9 |
| 9010 | 559604.00 | 5439800.00 | 559604.00 | 5454700.00 | 14.9 | 1217.8 |
| 9011 | 560004.00 | 5439800.00 | 560004.00 | 5458200.00 | 18.4 | 1236.2 |
| 9012 | 560404.00 | 5439800.00 | 560404.00 | 5458200.00 | 18.4 | 1254.6 |
| 9013 | 560804.00 | 5439800.00 | 560804.00 | 5458200.00 | 18.4 | 1273.0 |
| 9014 | 561204.00 | 5439800.00 | 561204.00 | 5458200.00 | 18.4 | 1291.4 |
| 9015 | 561604.00 | 5439800.00 | 561604.00 | 5458200.00 | 18.4 | 1309.8 |
| 9016 | 562004.00 | 5439800.00 | 562004.00 | 5458200.00 | 18.4 | 1328.2 |
| 9017 | 562404.00 | 5439800.00 | 562404.00 | 5458200.00 | 18.4 | 1346.6 |
| 9018 | 562804.00 | 5439800.00 | 562804.00 | 5458200.00 | 18.4 | 1365.0 |
| 9019 | 563204.00 | 5439800.00 | 563204.00 | 5458200.00 | 18.4 | 1383.4 |
| 9020 | 563604.00 | 5439800.00 | 563604.00 | 5458200.00 | 18.4 | 1401.8 |
| 9021 | 564004.00 | 5439800.00 | 564004.00 | 5458200.00 | 18.4 | 1420.2 |
| 9022 | 564404.00 | 5439800.00 | 564404.00 | 5458200.00 | 18.4 | 1438.6 |
| 9023 | 564804.00 | 5439800.00 | 564804.00 | 5458200.00 | 18.4 | 1457.0 |
| 9024 | 565204.00 | 5439800.00 | 565204.00 | 5458200.00 | 18.4 | 1475.4 |
| 9025 | 565604.00 | 5439800.00 | 565604.00 | 5458200.00 | 18.4 | 1493.8 |
| 9026 | 566004.00 | 5439800.00 | 566004.00 | 5458200.00 | 18.4 | 1512.2 |
| 9027 | 566404.00 | 5439800.00 | 566404.00 | 5458200.00 | 18.4 | 1530.6 |
| 9028 | 566804.00 | 5439800.00 | 566804.00 | 5458200.00 | 18.4 | 1549.0 |
| 9029 | 567204.00 | 5439800.00 | 567204.00 | 5458200.00 | 18.4 | 1567.4 |
| 9030 | 567604.00 | 5439800.00 | 567604.00 | 5458200.00 | 18.4 | 1585.8 |

| Type | Dir | Spc | Shortest | Longest | Lines | Tot. Dist |
|---|---|---|---|---|---|---|
| TRAVERSE | 90.0 | 200.0 m | 8.4 Km | 12.4 Km | 92 | 1068.8 Km |
| TIES | 0.0 | 400.0 m | 14.9 Km | 18.4 Km | 30 | 517.0 Km |
| TOTAL | | | | | | 1585.8 Km |

Job : TAS3
Area :
Client :

Boundary lines used...

537000.0, 5440000.0 to 504000.0, 5440000.0
504000.0, 5440000.0 to 489000.0, 5458000.0
489000.0, 5458000.0 to 537000.0, 5458000.0
537000.0, 5458000.0 to 537000.0, 5440000.0

| Line | East | North | East | North | Length | Total |
|---|---|---|---|---|---|---|
| 1 | 488801.67 | 5458198.00 | 537200.00 | 5458198.00 | 48.4 | 48.4 |
| 2 | 488801.67 | 5457998.00 | 537200.00 | 5457998.00 | 48.4 | 96.8 |
| 3 | 488801.67 | 5457798.00 | 537200.00 | 5457798.00 | 48.4 | 145.2 |
| 4 | 488968.33 | 5457598.00 | 537200.00 | 5457598.00 | 48.2 | 193.4 |
| 5 | 489135.00 | 5457398.00 | 537200.00 | 5457398.00 | 48.1 | 241.5 |
| 6 | 489301.67 | 5457198.00 | 537200.00 | 5457198.00 | 47.9 | 289.4 |
| 7 | 489468.33 | 5456998.00 | 537200.00 | 5456998.00 | 47.7 | 337.1 |
| 8 | 489635.00 | 5456798.00 | 537200.00 | 5456798.00 | 47.6 | 384.7 |
| 9 | 489801.67 | 5456598.00 | 537200.00 | 5456598.00 | 47.4 | 432.1 |
| 10 | 489968.33 | 5456398.00 | 537200.00 | 5456398.00 | 47.2 | 479.3 |
| 11 | 490135.00 | 5456198.00 | 537200.00 | 5456198.00 | 47.1 | 526.4 |
| 12 | 490301.67 | 5455998.00 | 537200.00 | 5455998.00 | 46.9 | 573.3 |
| 13 | 490468.33 | 5455798.00 | 537200.00 | 5455798.00 | 46.7 | 620.0 |
| 14 | 490635.00 | 5455598.00 | 537200.00 | 5455598.00 | 46.6 | 666.6 |
| 15 | 490801.67 | 5455398.00 | 537200.00 | 5455398.00 | 46.4 | 713.0 |
| 16 | 490968.33 | 5455198.00 | 537200.00 | 5455198.00 | 46.2 | 759.2 |
| 17 | 491135.00 | 5454998.00 | 537200.00 | 5454998.00 | 46.1 | 805.3 |
| 18 | 491301.67 | 5454798.00 | 537200.00 | 5454798.00 | 45.9 | 851.2 |
| 19 | 491468.33 | 5454598.00 | 537200.00 | 5454598.00 | 45.7 | 896.9 |
| 20 | 491635.00 | 5454398.00 | 537200.00 | 5454398.00 | 45.6 | 942.5 |
| 21 | 491801.67 | 5454198.00 | 537200.00 | 5454198.00 | 45.4 | 987.9 |
| 22 | 491968.33 | 5453998.00 | 537200.00 | 5453998.00 | 45.2 | 1033.1 |
| 23 | 492135.00 | 5453798.00 | 537200.00 | 5453798.00 | 45.1 | 1078.2 |
| 24 | 492301.67 | 5453598.00 | 537200.00 | 5453598.00 | 44.9 | 1123.1 |
| 25 | 492468.33 | 5453398.00 | 537200.00 | 5453398.00 | 44.7 | 1167.8 |
| 26 | 492635.00 | 5453198.00 | 537200.00 | 5453198.00 | 44.6 | 1212.4 |
| 27 | 492801.67 | 5452998.00 | 537200.00 | 5452998.00 | 44.4 | 1256.8 |
| 28 | 492968.33 | 5452798.00 | 537200.00 | 5452798.00 | 44.2 | 1301.0 |
| 29 | 493135.00 | 5452598.00 | 537200.00 | 5452598.00 | 44.1 | 1345.1 |
| 30 | 493301.67 | 5452398.00 | 537200.00 | 5452398.00 | 43.9 | 1389.0 |
| 31 | 493468.33 | 5452198.00 | 537200.00 | 5452198.00 | 43.7 | 1432.7 |
| 32 | 493635.00 | 5451998.00 | 537200.00 | 5451998.00 | 43.6 | 1476.2 |
| 33 | 493801.67 | 5451798.00 | 537200.00 | 5451798.00 | 43.4 | 1519.6 |
| 34 | 493968.33 | 5451598.00 | 537200.00 | 5451598.00 | 43.2 | 1562.9 |
| 35 | 494135.00 | 5451398.00 | 537200.00 | 5451398.00 | 43.1 | 1605.9 |
| 36 | 494301.67 | 5451198.00 | 537200.00 | 5451198.00 | 42.9 | 1648.8 |
| 37 | 494468.33 | 5450998.00 | 537200.00 | 5450998.00 | 42.7 | 1691.6 |
| 38 | 494635.00 | 5450798.00 | 537200.00 | 5450798.00 | 42.6 | 1734.1 |
| 39 | 494801.67 | 5450598.00 | 537200.00 | 5450598.00 | 42.4 | 1776.5 |
| 40 | 494968.33 | 5450398.00 | 537200.00 | 5450398.00 | 42.2 | 1818.8 |

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|---|---|---|---|---|---|---|
| 41 | 495135.00 | 5450198.00 | 537200.00 | 5450198.00 | 42.1 | 1860.8 |
| 42 | 495301.67 | 5449998.00 | 537200.00 | 5449998.00 | 41.9 | 1902.7 |
| 43 | 495468.33 | 5449798.00 | 537200.00 | 5449798.00 | 41.7 | 1944.5 |
| 44 | 495635.00 | 5449598.00 | 537200.00 | 5449598.00 | 41.6 | 1986.0 |
| 45 | 495801.67 | 5449398.00 | 537200.00 | 5449398.00 | 41.4 | 2027.4 |
| 46 | 495968.33 | 5449198.00 | 537200.00 | 5449198.00 | 41.2 | 2068.7 |
| 47 | 496135.00 | 5448998.00 | 537200.00 | 5448998.00 | 41.1 | 2109.7 |
| 48 | 496301.67 | 5448798.00 | 537200.00 | 5448798.00 | 40.9 | 2150.6 |
| 49 | 496468.33 | 5448598.00 | 537200.00 | 5448598.00 | 40.7 | 2191.4 |
| 50 | 496635.00 | 5448398.00 | 537200.00 | 5448398.00 | 40.6 | 2231.9 |
| 51 | 496801.67 | 5448198.00 | 537200.00 | 5448198.00 | 40.4 | 2272.3 |
| 52 | 496968.33 | 5447998.00 | 537200.00 | 5447998.00 | 40.2 | 2312.5 |
| 53 | 497135.00 | 5447798.00 | 537200.00 | 5447798.00 | 40.1 | 2352.6 |
| 54 | 497301.67 | 5447598.00 | 537200.00 | 5447598.00 | 39.9 | 2392.5 |
| 55 | 497468.33 | 5447398.00 | 537200.00 | 5447398.00 | 39.7 | 2432.2 |
| 56 | 497635.00 | 5447198.00 | 537200.00 | 5447198.00 | 39.6 | 2471.8 |
| 57 | 497801.67 | 5446998.00 | 537200.00 | 5446998.00 | 39.4 | 2511.2 |
| 58 | 497968.33 | 5446798.00 | 537200.00 | 5446798.00 | 39.2 | 2550.4 |
| 59 | 498135.00 | 5446598.00 | 537200.00 | 5446598.00 | 39.1 | 2589.5 |
| 60 | 498301.67 | 5446398.00 | 537200.00 | 5446398.00 | 38.9 | 2628.4 |
| 61 | 498468.33 | 5446198.00 | 537200.00 | 5446198.00 | 38.7 | 2667.1 |
| 62 | 498635.00 | 5445998.00 | 537200.00 | 5445998.00 | 38.6 | 2705.7 |
| 63 | 498801.67 | 5445798.00 | 537200.00 | 5445798.00 | 38.4 | 2744.1 |
| 64 | 498968.33 | 5445598.00 | 537200.00 | 5445598.00 | 38.2 | 2782.3 |
| 65 | 499135.00 | 5445398.00 | 537200.00 | 5445398.00 | 38.1 | 2820.4 |
| 66 | 499301.67 | 5445198.00 | 537200.00 | 5445198.00 | 37.9 | 2858.3 |
| 67 | 499468.33 | 5444998.00 | 537200.00 | 5444998.00 | 37.7 | 2896.0 |
| 68 | 499635.00 | 5444798.00 | 537200.00 | 5444798.00 | 37.6 | 2933.6 |
| 69 | 499801.67 | 5444598.00 | 537200.00 | 5444598.00 | 37.4 | 2971.0 |
| 70 | 499968.33 | 5444398.00 | 537200.00 | 5444398.00 | 37.2 | 3008.2 |
| 71 | 500135.00 | 5444198.00 | 537200.00 | 5444198.00 | 37.1 | 3045.3 |
| 72 | 500301.67 | 5443998.00 | 537200.00 | 5443998.00 | 36.9 | 3082.2 |
| 73 | 500468.33 | 5443798.00 | 537200.00 | 5443798.00 | 36.7 | 3118.9 |
| 74 | 500635.00 | 5443598.00 | 537200.00 | 5443598.00 | 36.6 | 3155.5 |
| 75 | 500801.67 | 5443398.00 | 537200.00 | 5443398.00 | 36.4 | 3191.9 |
| 76 | 500968.33 | 5443198.00 | 537200.00 | 5443198.00 | 36.2 | 3228.1 |
| 77 | 501135.00 | 5442998.00 | 537200.00 | 5442998.00 | 36.1 | 3264.2 |
| 78 | 501301.67 | 5442798.00 | 537200.00 | 5442798.00 | 35.9 | 3300.1 |
| 79 | 501468.33 | 5442598.00 | 537200.00 | 5442598.00 | 35.7 | 3335.8 |
| 80 | 501635.00 | 5442398.00 | 537200.00 | 5442398.00 | 35.6 | 3371.4 |
| 81 | 501801.67 | 5442198.00 | 537200.00 | 5442198.00 | 35.4 | 3406.8 |
| 82 | 501968.33 | 5441998.00 | 537200.00 | 5441998.00 | 35.2 | 3442.0 |
| 83 | 502135.00 | 5441798.00 | 537200.00 | 5441798.00 | 35.1 | 3477.1 |
| 84 | 502301.67 | 5441598.00 | 537200.00 | 5441598.00 | 34.9 | 3512.0 |
| 85 | 502468.33 | 5441398.00 | 537200.00 | 5441398.00 | 34.7 | 3546.7 |
| 86 | 502635.00 | 5441198.00 | 537200.00 | 5441198.00 | 34.6 | 3581.3 |
| 87 | 502801.67 | 5440998.00 | 537200.00 | 5440998.00 | 34.4 | 3615.7 |
| 88 | 502968.33 | 5440798.00 | 537200.00 | 5440798.00 | 34.2 | 3649.9 |
| 89 | 503135.00 | 5440598.00 | 537200.00 | 5440598.00 | 34.1 | 3684.0 |
| 90 | 503301.67 | 5440398.00 | 537200.00 | 5440398.00 | 33.9 | 3717.9 |
| 91 | 503468.33 | 5440198.00 | 537200.00 | 5440198.00 | 33.7 | 3751.6 |
| 92 | 503635.00 | 5439998.00 | 537200.00 | 5439998.00 | 33.6 | 3785.1 |
| 9001 | 489004.00 | 5457795.20 | 489004.00 | 5458200.00 | 0.4 | 3785.6 |
| 9002 | 489404.00 | 5457315.20 | 489404.00 | 5458200.00 | 0.9 | 3786.4 |
| 9003 | 489804.00 | 5456835.20 | 489804.00 | 5458200.00 | 1.4 | 3787.8 |

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|---|---|---|---|---|---|---|
| 9004 | 490204.00 | 5456355.20 | 490204.00 | 5458200.00 | 1.8 | 3789.6 |
| 9005 | 490604.00 | 5455875.20 | 490604.00 | 5458200.00 | 2.3 | 3792.0 |
| 9006 | 491004.00 | 5455395.20 | 491004.00 | 5458200.00 | 2.8 | 3794.8 |
| 9007 | 491404.00 | 5454915.20 | 491404.00 | 5458200.00 | 3.3 | 3798.1 |
| 9008 | 491804.00 | 5454435.20 | 491804.00 | 5458200.00 | 3.8 | 3801.8 |
| 9009 | 492204.00 | 5453955.20 | 492204.00 | 5458200.00 | 4.2 | 3806.1 |
| 9010 | 492604.00 | 5453475.20 | 492604.00 | 5458200.00 | 4.7 | 3810.8 |
| 9011 | 493004.00 | 5452995.20 | 493004.00 | 5458200.00 | 5.2 | 3816.0 |
| 9012 | 493404.00 | 5452515.20 | 493404.00 | 5458200.00 | 5.7 | 3821.7 |
| 9013 | 493804.00 | 5452035.20 | 493804.00 | 5458200.00 | 6.2 | 3827.8 |
| 9014 | 494204.00 | 5451555.20 | 494204.00 | 5458200.00 | 6.6 | 3834.5 |
| 9015 | 494604.00 | 5451075.20 | 494604.00 | 5458200.00 | 7.1 | 3841.6 |
| 9016 | 495004.00 | 5450595.20 | 495004.00 | 5458200.00 | 7.6 | 3849.2 |
| 9017 | 495404.00 | 5450115.20 | 495404.00 | 5458200.00 | 8.1 | 3857.3 |
| 9018 | 495804.00 | 5449635.20 | 495804.00 | 5458200.00 | 8.6 | 3865.9 |
| 9019 | 496204.00 | 5449155.20 | 496204.00 | 5458200.00 | 9.0 | 3874.9 |
| 9020 | 496604.00 | 5448675.20 | 496604.00 | 5458200.00 | 9.5 | 3884.4 |
| 9021 | 497004.00 | 5448195.20 | 497004.00 | 5458200.00 | 10.0 | 3894.4 |
| 9022 | 497404.00 | 5447715.20 | 497404.00 | 5458200.00 | 10.5 | 3904.9 |
| 9023 | 497804.00 | 5447235.20 | 497804.00 | 5458200.00 | 11.0 | 3915.9 |
| 9024 | 498204.00 | 5446755.20 | 498204.00 | 5458200.00 | 11.4 | 3927.3 |
| 9025 | 498604.00 | 5446275.20 | 498604.00 | 5458200.00 | 11.9 | 3939.3 |
| 9026 | 499004.00 | 5445795.20 | 499004.00 | 5458200.00 | 12.4 | 3951.7 |
| 9027 | 499404.00 | 5445315.20 | 499404.00 | 5458200.00 | 12.9 | 3964.6 |
| 9028 | 499804.00 | 5444835.20 | 499804.00 | 5458200.00 | 13.4 | 3977.9 |
| 9029 | 500204.00 | 5444355.20 | 500204.00 | 5458200.00 | 13.8 | 3991.8 |
| 9030 | 500604.00 | 5443875.20 | 500604.00 | 5458200.00 | 14.3 | 4006.1 |
| 9031 | 501004.00 | 5443395.20 | 501004.00 | 5458200.00 | 14.8 | 4020.9 |
| 9032 | 501404.00 | 5442915.20 | 501404.00 | 5458200.00 | 15.3 | 4036.2 |
| 9033 | 501804.00 | 5442435.20 | 501804.00 | 5458200.00 | 15.8 | 4051.9 |
| 9034 | 502204.00 | 5441955.20 | 502204.00 | 5458200.00 | 16.2 | 4068.2 |
| 9035 | 502604.00 | 5441475.20 | 502604.00 | 5458200.00 | 16.7 | 4084.9 |
| 9036 | 503004.00 | 5440995.20 | 503004.00 | 5458200.00 | 17.2 | 4102.1 |
| 9037 | 503404.00 | 5440515.20 | 503404.00 | 5458200.00 | 17.7 | 4119.8 |
| 9038 | 503804.00 | 5440035.20 | 503804.00 | 5458200.00 | 18.2 | 4138.0 |
| 9039 | 504204.00 | 5439800.00 | 504204.00 | 5458200.00 | 18.4 | 4156.4 |
| 9040 | 504604.00 | 5439800.00 | 504604.00 | 5458200.00 | 18.4 | 4174.8 |
| 9041 | 505004.00 | 5439800.00 | 505004.00 | 5458200.00 | 18.4 | 4193.2 |
| 9042 | 505404.00 | 5439800.00 | 505404.00 | 5458200.00 | 18.4 | 4211.6 |
| 9043 | 505804.00 | 5439800.00 | 505804.00 | 5458200.00 | 18.4 | 4230.0 |
| 9044 | 506204.00 | 5439800.00 | 506204.00 | 5458200.00 | 18.4 | 4248.4 |
| 9045 | 506604.00 | 5439800.00 | 506604.00 | 5458200.00 | 18.4 | 4266.8 |
| 9046 | 507004.00 | 5439800.00 | 507004.00 | 5458200.00 | 18.4 | 4285.2 |
| 9047 | 507404.00 | 5439800.00 | 507404.00 | 5458200.00 | 18.4 | 4303.6 |
| 9048 | 507804.00 | 5439800.00 | 507804.00 | 5458200.00 | 18.4 | 4322.0 |
| 9049 | 508204.00 | 5439800.00 | 508204.00 | 5458200.00 | 18.4 | 4340.4 |
| 9050 | 508604.00 | 5439800.00 | 508604.00 | 5458200.00 | 18.4 | 4358.8 |
| 9051 | 509004.00 | 5439800.00 | 509004.00 | 5458200.00 | 18.4 | 4377.2 |
| 9052 | 509404.00 | 5439800.00 | 509404.00 | 5458200.00 | 18.4 | 4395.6 |
| 9053 | 509804.00 | 5439800.00 | 509804.00 | 5458200.00 | 18.4 | 4414.0 |
| 9054 | 510204.00 | 5439800.00 | 510204.00 | 5458200.00 | 18.4 | 4432.4 |
| 9055 | 510604.00 | 5439800.00 | 510604.00 | 5458200.00 | 18.4 | 4450.8 |
| 9056 | 511004.00 | 5439800.00 | 511004.00 | 5458200.00 | 18.4 | 4469.2 |
| 9057 | 511404.00 | 5439800.00 | 511404.00 | 5458200.00 | 18.4 | 4487.6 |
| 9058 | 511804.00 | 5439800.00 | 511804.00 | 5458200.00 | 18.4 | 4506.0 |

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|---|---|---|---|---|---|---|
| 9059 | 512204.00 | 5439800.00 | 512204.00 | 5458200.00 | 18.4 | 4524.4 |
| 9060 | 512604.00 | 5439800.00 | 512604.00 | 5458200.00 | 18.4 | 4542.8 |
| 9061 | 513004.00 | 5439800.00 | 513004.00 | 5458200.00 | 18.4 | 4561.2 |
| 9062 | 513404.00 | 5439800.00 | 513404.00 | 5458200.00 | 18.4 | 4579.6 |
| 9063 | 513804.00 | 5439800.00 | 513804.00 | 5458200.00 | 18.4 | 4598.0 |
| 9064 | 514204.00 | 5439800.00 | 514204.00 | 5458200.00 | 18.4 | 4616.4 |
| 9065 | 514604.00 | 5439800.00 | 514604.00 | 5458200.00 | 18.4 | 4634.8 |
| 9066 | 515004.00 | 5439800.00 | 515004.00 | 5458200.00 | 18.4 | 4653.2 |
| 9067 | 515404.00 | 5439800.00 | 515404.00 | 5458200.00 | 18.4 | 4671.6 |
| 9068 | 515804.00 | 5439800.00 | 515804.00 | 5458200.00 | 18.4 | 4690.0 |
| 9069 | 516204.00 | 5439800.00 | 516204.00 | 5458200.00 | 18.4 | 4708.4 |
| 9070 | 516604.00 | 5439800.00 | 516604.00 | 5458200.00 | 18.4 | 4726.8 |
| 9071 | 517004.00 | 5439800.00 | 517004.00 | 5458200.00 | 18.4 | 4745.2 |
| 9072 | 517404.00 | 5439800.00 | 517404.00 | 5458200.00 | 18.4 | 4763.6 |
| 9073 | 517804.00 | 5439800.00 | 517804.00 | 5458200.00 | 18.4 | 4782.0 |
| 9074 | 518204.00 | 5439800.00 | 518204.00 | 5458200.00 | 18.4 | 4800.4 |
| 9075 | 518604.00 | 5439800.00 | 518604.00 | 5458200.00 | 18.4 | 4818.8 |
| 9076 | 519004.00 | 5439800.00 | 519004.00 | 5458200.00 | 18.4 | 4837.2 |
| 9077 | 519404.00 | 5439800.00 | 519404.00 | 5458200.00 | 18.4 | 4855.6 |
| 9078 | 519804.00 | 5439800.00 | 519804.00 | 5458200.00 | 18.4 | 4874.0 |
| 9079 | 520204.00 | 5439800.00 | 520204.00 | 5458200.00 | 18.4 | 4892.4 |
| 9080 | 520604.00 | 5439800.00 | 520604.00 | 5458200.00 | 18.4 | 4910.8 |
| 9081 | 521004.00 | 5439800.00 | 521004.00 | 5458200.00 | 18.4 | 4929.2 |
| 9082 | 521404.00 | 5439800.00 | 521404.00 | 5458200.00 | 18.4 | 4947.6 |
| 9083 | 521804.00 | 5439800.00 | 521804.00 | 5458200.00 | 18.4 | 4966.0 |
| 9084 | 522204.00 | 5439800.00 | 522204.00 | 5458200.00 | 18.4 | 4984.4 |
| 9085 | 522604.00 | 5439800.00 | 522604.00 | 5458200.00 | 18.4 | 5002.8 |
| 9086 | 523004.00 | 5439800.00 | 523004.00 | 5458200.00 | 18.4 | 5021.2 |
| 9087 | 523404.00 | 5439800.00 | 523404.00 | 5458200.00 | 18.4 | 5039.6 |
| 9088 | 523804.00 | 5439800.00 | 523804.00 | 5458200.00 | 18.4 | 5058.0 |
| 9089 | 524204.00 | 5439800.00 | 524204.00 | 5458200.00 | 18.4 | 5076.4 |
| 9090 | 524604.00 | 5439800.00 | 524604.00 | 5458200.00 | 18.4 | 5094.8 |
| 9091 | 525004.00 | 5439800.00 | 525004.00 | 5458200.00 | 18.4 | 5113.2 |
| 9092 | 525404.00 | 5439800.00 | 525404.00 | 5458200.00 | 18.4 | 5131.6 |
| 9093 | 525804.00 | 5439800.00 | 525804.00 | 5458200.00 | 18.4 | 5150.0 |
| 9094 | 526204.00 | 5439800.00 | 526204.00 | 5458200.00 | 18.4 | 5168.4 |
| 9095 | 526604.00 | 5439800.00 | 526604.00 | 5458200.00 | 18.4 | 5186.8 |
| 9096 | 527004.00 | 5439800.00 | 527004.00 | 5458200.00 | 18.4 | 5205.2 |
| 9097 | 527404.00 | 5439800.00 | 527404.00 | 5458200.00 | 18.4 | 5223.6 |
| 9098 | 527804.00 | 5439800.00 | 527804.00 | 5458200.00 | 18.4 | 5242.0 |
| 9099 | 528204.00 | 5439800.00 | 528204.00 | 5458200.00 | 18.4 | 5260.4 |
| 9100 | 528604.00 | 5439800.00 | 528604.00 | 5458200.00 | 18.4 | 5278.8 |
| 9101 | 529004.00 | 5439800.00 | 529004.00 | 5458200.00 | 18.4 | 5297.2 |
| 9102 | 529404.00 | 5439800.00 | 529404.00 | 5458200.00 | 18.4 | 5315.6 |
| 9103 | 529804.00 | 5439800.00 | 529804.00 | 5458200.00 | 18.4 | 5334.0 |
| 9104 | 530204.00 | 5439800.00 | 530204.00 | 5458200.00 | 18.4 | 5352.4 |
| 9105 | 530604.00 | 5439800.00 | 530604.00 | 5458200.00 | 18.4 | 5370.8 |
| 9106 | 531004.00 | 5439800.00 | 531004.00 | 5458200.00 | 18.4 | 5389.2 |
| 9107 | 531404.00 | 5439800.00 | 531404.00 | 5458200.00 | 18.4 | 5407.6 |
| 9108 | 531804.00 | 5439800.00 | 531804.00 | 5458200.00 | 18.4 | 5426.0 |
| 9109 | 532204.00 | 5439800.00 | 532204.00 | 5458200.00 | 18.4 | 5444.4 |
| 9110 | 532604.00 | 5439800.00 | 532604.00 | 5458200.00 | 18.4 | 5462.8 |
| 9111 | 533004.00 | 5439800.00 | 533004.00 | 5458200.00 | 18.4 | 5481.2 |
| 9112 | 533404.00 | 5439800.00 | 533404.00 | 5458200.00 | 18.4 | 5499.6 |
| 9113 | 533804.00 | 5439800.00 | 533804.00 | 5458200.00 | 18.4 | 5518.0 |

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|---|---|---|---|---|---|---|
| 9114 | 534204.00 | 5439800.00 | 534204.00 | 5458200.00 | 18.4 | 5536.4 |
| 9115 | 534604.00 | 5439800.00 | 534604.00 | 5458200.00 | 18.4 | 5554.8 |
| 9116 | 535004.00 | 5439800.00 | 535004.00 | 5458200.00 | 18.4 | 5573.2 |
| 9117 | 535404.00 | 5439800.00 | 535404.00 | 5458200.00 | 18.4 | 5591.6 |
| 9118 | 535804.00 | 5439800.00 | 535804.00 | 5458200.00 | 18.4 | 5610.0 |
| 9119 | 536204.00 | 5439800.00 | 536204.00 | 5458200.00 | 18.4 | 5628.4 |
| 9120 | 536604.00 | 5439800.00 | 536604.00 | 5458200.00 | 18.4 | 5646.8 |

| Type | Dir | Spc | Shortest | Longest | Lines | Tot. Dist |
|---|---|---|---|---|---|---|
| TRAVERSE | 90.0 | 200.0 m | 33.6 Km | 48.4 Km | 92 | 3785.1 Km |
| TIES | 0.0 | 400.0 m | 0.4 Km | 18.4 Km | 120 | 1861.6 Km |
| TOTAL | | | | | | 5646.8 Km |

# APPENDIX 5

# DATA DISK and TAPE FORMATS

# Raw Acquisition Data Format

```
  A      B             C              D     E
FLT 29 LINE 006 GPSTIME 225435.00  Day 286 09:54:44
32873  5034.3550615801661580206158019615803261580330  688  76  16  23  69  46 345 313.5
32874  5035.3475615797361579876157994615800561580100  649  64  22  23  56  60 353 310.6
32875  5036.3456615795961579626157967615796561579720  634  53  19  24  52  62 355 306.9
32876  5037.3451615793861579466157951615795561579550  611  55  13  22  36  74 364 301.9
32877  5038.3464615793461579326157928615792561579310  662  53  22  22  72  68 361 295.6
32878  5039.3450615793761579406157940615794261579400  673  61  17  35  68  71 356 289.8
32879  5040.3777615794661579436157941615794161579390  696  61  16  30  51  76 344 284.0

 1      2          3      4      5      6      7      8   9  10 11  12  13  14   15
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## Column Description

1- Fiducial Number
2- Timer (Elapsed seconds )
3- Mag5 x100
4- Mag4 x100
5- Mag3 x100
6- Mag2 x100
7- Mag1 x100
8- Total Counts
9- Radion Counts
10- Potassium Counts
11- Uranium Counts
12- Thorium Counts
13- Cosmic Counts
14- Radar Altimeter
15- GPS Altimeter

A- Flight Number
B- Line Number
C- GPS Time
D- Day of Year
E- Local Time

# Raw Position Data

| A | B | C | D | E |
|---|---|---|---|---|
| FLT 29 LINE 006 GPSTIME 225435.00 Day 286 09:54:44 | | | | |
| 5034.3550 | 225435.00 | 5594045 | 457200 313.5 -2 | 2.0 |
| 5035.3475 | 225436.00 | 5594335 | 457200 310.6 -1 | 3.0 |
| 5036.3456 | 225437.00 | 5594615 | 457200 306.9 -1 | 4.0 |
| 5037.3451 | 225438.00 | 5594915 | 457199 301.9 -1 | 2.6 |
| 5038.3464 | 225439.00 | 5595215 | 457199 295.6 -1 | 3.6 |
| 5039.3450 | 225440.00 | 5595505 | 457198 289.8 0 | 4.6 |
| 5040.3777 | 225441.00 | 5595815 | 457198 284.0 1 | 5.6 |
| 1 | 2 | 3 | 4 | 5 |

## Column Description

1- Timer (Elapsed seconds )
2- GPS Time
3- AMG Easting & Northing (Meters)
4- GPS Altitude
5- Radar Altitude

A- Flight Number
B- Line Number
C- GPS Time
D- Day of Year
E- Local Time

# Raw Radiometric Spectral Data

Listed below is an example of the Spectral component of the radiometric data stream.
It consists of:-

- 54 bytes of header information in ASCII at the start of line followed by
- 69 bytes of spectral data every sample consisting of the following;

| BYTE # | DATA | COMMENTS |
|---|---|---|
| 1 - 5 | Fiducial | |
| 6 | U | Sync Character |
| 7 | U | Sync Character |
| 8 | G | |
| 9 | R | |
| 10 | X | Error Code |
| 11 | 2 | |
| 12 | X | |
| 13 | X | Serial |
| 14 | Y | Year |
| 15 | Y | |
| 16 | M | Month |
| 17 | M | |
| 18 | D | Day |
| 19 | D | |
| 20 | H | Hour |
| 21 | H | |
| 22 | M | Minutes |
| 23 | M | |
| 24 | S | Second |
| 25 | S | |
| 26 | Data | 1 Byte, number of Down Detectors |
| 27 | Data | 1 Byte, number of Up Detectors |
| 28 | L | |
| 29 | H | Sample Time (mSec) |
| 30 | L | |
| 31 | H | Live Time (mSec) |
| 32 | L | |
| 33 | H | Cosmic Channel |
| 34 | L | |
| 35 | H | Resolution |

| | | |
|---|---|---|
| 36 | L | |
| 37 | H | Checksum |
| 38 | L | |
| 39 | H | ROI's number 1 to 8 = 4 bytes/ROI |

Total Block Length = 69 bytes.
Byte 1 to 25 = ASCII Data.
Byte 25 to 69 = Binary Data.

| | | | | | | |
|---|---|---|---|---|---|---|
| 000000 | 20 46 4C 54 | 20 32 39 20 | 4C 49 4E 45 | 20 30 30 36 | FLT 29 LINE 006 |
| 000010 | 20 47 50 53 | 54 49 4D 45 | 20 32 32 35 | 34 33 35 2E | GPSTIME 225435. |
| 000020 | 30 30 20 20 | 44 61 79 20 | 32 38 36 20 | 30 39 3A 35 | 00 Day 286 09:5 |
| 000030 | 34 3A 34 34 | 0D 0A 33 32 | 38 37 33 55 | 55 47 52 30 | 4:4432873UUGR0 |
| 000040 | 32 30 31 38 | 30 30 31 30 | 31 30 31 32 | 33 35 38 04 | 2018001010123580 |
| 000050 | DE 03 75 03 | 2E 3B 9C B8 | 61 02 43 0E | 14 3D 5A 1C | Þ□u□.;œ¸a□C□=Z□ |
| 000060 | 02 0D 0A 33 | 32 38 37 34 | 55 55 47 52 | 30 32 30 31 | □32874UUGR0201 |
| 000070 | 38 30 30 31 | 30 31 30 31 | 32 33 35 39 | 04 DC 03 88 | 8001010123590Ü□ˆ |
| 000080 | 03 3C 3B C7 | B7 4B 02 3A | 14 15 33 56 | F8 01 0D 0A | □<;Ç·K□:□□3Vø□ |
| 000090 | 33 32 38 37 | 35 55 55 47 | 52 30 32 30 | 31 38 30 30 | 32875UUGR0201800 |
| 0000A0 | 31 30 31 30 | 31 32 34 30 | 30 04 E0 03 | 8D 03 3E 3B | 101012400□à□□□>; |
| 0000B0 | F3 BF 40 02 | 30 11 16 2F | 4E E9 01 0D | 0A 33 32 38 | ó¿@□0□□/Né□328 |
| 0000C0 | 37 36 55 55 | 47 52 30 32 | 30 31 38 30 | 30 31 30 31 | 76UUGR0201800101 |
| 0000D0 | 30 31 32 34 | 30 31 04 DD | 03 82 03 4A | 3B 41 BF 25 | 012401□Ý□,□J;A¿% |
| 0000E0 | 02 31 0C 14 | 20 47 D4 01 | 0D 0A 33 32 | 38 37 37 55 | □1□ GÔ□32877U |
| 0000F0 | 55 47 52 30 | 32 30 31 38 | 30 30 31 30 | 31 30 31 32 | UGR0201800101012 |
| 000100 | 34 30 32 04 | DD 03 7B 03 | 44 3B C6 BD | 4E 02 2F 14 | 402□Ý□{□D;Æ½N□/□ |
| 000110 | 14 40 5A FA | 01 0D 0A 33 | 32 38 37 38 | 55 55 47 52 | □@Zú□32878UUGR |
| 000120 | 30 32 30 31 | 38 30 30 31 | 30 31 30 31 | 32 34 30 33 | 0201800101012403 |
| 000130 | 04 DE 03 7F | 03 47 3B A8 | BC 5A 02 37 | 0F 1F 3D 58 | □Þ□□□G;¨¼Z□7□=X |
| 000140 | FB 01 0D 0A | 33 32 38 37 | 39 55 55 47 | 52 30 32 30 | û□32879UUGR020 |
| 000150 | 31 38 30 30 | 31 30 31 30 | 31 32 34 30 | 34 04 DF 03 | 1800101012404□ß□ |
| 000160 | 79 03 4C 3B | AE BB 6B 02 | 36 0E 1B 2D | 40 12 02 0D | y□L;®»k□6□-@□□ |
| 000170 | 0A | | | | |

## Located Data Tape Format

Tape format conforms to ASEG -GDF Standard and contains the following;

| | |
|---|---|
| DATA | A4 |
| LINE# | A8 |
| DATE | A8 |
| FIDUCIAL | F10.0 |
| EASTING | F11.1 |
| NORTHING | F11.1 |
| RAW MAG | F9.2 |
| BASE MAG | F9.2 |
| LEVELLED MAG | F9.2 |
| RADAR ALTIMETER | F6.1 |
| BARO. ALTIMETER | F6.1 |
| RAW Tot. COUNT | F6.0 |
| RAW Potassium COUNT | F5.0 |
| RAW Uranium COUNT | F5.0 |
| Raw Thorium COUNT | F5.0 |
| CORRECTED Tot. COUNT | F6.0 |
| CORRECTED Potassium COUNT | F5.0 |
| CORRECTED Uranium COUNT | F5.0 |
| CORRECTED Thorium COUNT | F5.0 |
| COSMIC | F5.0 |
| TIME | F9.5 |
| LineFeed | |

# APPENDIX 6

## DATA STATISTICS

## Ground Calibration and Test Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Fingal |
| Area: | 1 |
| Flight: | 32 - 49 |

**********

Statistics for G001 0 FLT 32 Day 291

**********

Start Time 14:07:52 Start East 599704 Start Nrth 5401284
End Time 14:09:47 End East 599727 End Nrth 5401290

Elaps Time 00:01:55 Line Length = 0.024 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60453.45 | 0.000 | 960 | 106 | 12 | 20 | 49 | 0.0 | 530.0 |
| Max | 60453.66 | 0.081 | 1138 | 175 | 35 | 54 | 101 | 0.0 | 560.0 |
| Mn | 60453.56 | 0.020 | 1051 | 138 | 22 | 34 | 75 | 0.0 | 547.1 |

**********

Statistics for G001 0 FLT 32 Day 291

**********

Start Time 14:31:38 Start East 599685 Start Nrth 5401255
End Time 14:33:43 End East 599706 End Nrth 5401313

Elaps Time 00:02:05 Line Length = 0.062 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60452.60 | 0.000 | 1559 | 117 | 20 | 59 | 50 | 0.0 | 510.0 |
| Max | 60453.14 | 0.077 | 1777 | 194 | 55 | 117 | 99 | 0.0 | 582.0 |
| Mn | 60452.82 | 0.019 | 1683 | 156 | 33 | 84 | 73 | 0.0 | 549.4 |

**********

Statistics for G001 0 FLT 32 Day 291

**********

Start Time 14:34:45 Start East 599695 Start Nrth 5401316
End Time 14:36:36 End East 599705 End Nrth 5401320

Elaps Time 00:01:51 Line Length = 0.011 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60452.67 | 0.000 | 2891 | 214 | 151 | 28 | 43 | 0.0 | 511.0 |
| Max | 60452.86 | 0.066 | 3213 | 294 | 231 | 61 | 95 | 0.0 | 525.0 |
| Mn | 60452.77 | 0.019 | 3039 | 255 | 185 | 43 | 74 | 0.0 | 517.0 |

**********

Statistics for G001 0 FLT 32 Day 291

**********

Start Time 14:37:29 Start East 599674 Start Nrth 5401312
End Time 14:39:46 End East 599706 End Nrth 5401323

Elaps Time 00:02:17 Line Length = 0.034 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60451.16 | 0.000 | 964 | 107 | 11 | 20 | 50 | 0.0 | 451.0 |
| Max | 60452.68 | 0.077 | 1167 | 173 | 40 | 50 | 102 | 0.0 | 510.8 |
| Mn | 60451.94 | 0.020 | 1056 | 138 | 22 | 35 | 74 | 0.0 | 479.9 |

**********

Statistics for C001 0 FLT 32 Day 291

**********

Start Time 14:53:41 Start East 604232 Start Nrth 5402848
End Time 14:55:30 End East 606222 End Nrth 5405571

Elaps Time 00:01:49 Line Length = 3.373 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61702.37 | 0.000 | 67 | 5 | 0 | 0 | 45 | 230.0 | 69.0 |
| Max | 61713.36 | 0.080 | 1166 | 171 | 30 | 45 | 83 | 284.8 | 100.0 |
| Mn | 61708.01 | 0.021 | 694 | 92 | 13 | 19 | 63 | 248.8 | 76.9 |

**********

Statistics for Y001 0 FLT 32 Day 291

**********

Start Time 14:55:41 Start East 606292 Start Nrth 5405868
End Time 14:57:30 End East 606734 End Nrth 5408712

Elaps Time 00:01:49 Line Length = 2.878 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61692.62 | 0.000 | 63 | 2 | 0 | 0 | 42 | 219.0 | 63.0 |
| Max | 61707.19 | 0.070 | 112 | 20 | 9 | 14 | 80 | 262.0 | 80.0 |
| Mn | 61698.47 | 0.016 | 87 | 10 | 2 | 3 | 63 | 233.0 | 68.9 |

**********

Statistics for Cal 2 FLT 32 Day 291

**********

Start Time 17:25:10 Start East 603667 Start Nrth 5402038
End Time 17:26:58 End East 606264 End Nrth 5405522

Elaps Time 00:01:48 Line Length = 4.345 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61681.98 | 0.000 | 90 | 6 | 2 | 1 | 43 | 225.0 | 63.0 |
| Max | 61696.10 | 0.098 | 1137 | 187 | 35 | 50 | 82 | 311.0 | 124.8 |
| Mn | 61690.95 | 0.019 | 685 | 89 | 15 | 20 | 64 | 258.9 | 82.0 |

**********

Statistics for Z002 0 FLT 32 Day 291

**********

Start Time 17:27:05 Start East 606374 Start Nrth 5405756
End Time 17:28:29 End East 606868 End Nrth 5408901

Elaps Time 00:01:24 Line Length = 3.184 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61670.41 | 0.000 | 80 | 2 | 0 | 0 | 43 | 236.0 | 70.0 |
| Max | 61691.33 | 0.072 | 129 | 24 | 11 | 10 | 82 | 284.0 | 81.0 |
| Mn | 61681.75 | 0.018 | 101 | 11 | 3 | 3 | 64 | 250.8 | 73.8 |

**********

Statistics for H002 0 FLT 32 Day 291

**********

Start Time 17:45:04 Start East 599685 Start Nrth 5401288
End Time 17:47:11 End East 599707 End Nrth 5401316

Elaps Time 00:02:07 Line Length = 0.036 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 1039 | 109 | 13 | 18 | 52 | 0.0 | 480.2 |
| Max | 99999.00 | 0.000 | 1198 | 176 | 42 | 49 | 101 | 0.0 | 523.0 |
| Mn | 99999.00 | 0.000 | 1116 | 146 | 25 | 34 | 75 | 0.0 | 498.5 |

**********

Statistics for H002 0 FLT 32 Day 291

**********

Start Time 17:48:03 Start East 599675 Start Nrth 5401268
End Time 17:50:12 End East 599685 End Nrth 5401287

Elaps Time 00:02:09 Line Length = 0.021 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 1567 | 130 | 22 | 64 | 55 | 0.0 | 525.0 |
| Max | 99999.00 | 0.000 | 1874 | 207 | 55 | 113 | 98 | 0.0 | 544.0 |
| Mn | 99999.00 | 0.000 | 1728 | 162 | 38 | 83 | 76 | 0.0 | 538.3 |

**********

Statistics for H002 0 FLT 32 Day 291

**********

Start Time 17:51:15 Start East 599699 Start Nrth 5401317
End Time 17:53:29 End East 599714 End Nrth 5401335

Elaps Time 00:02:14 Line Length = 0.023 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 2893 | 216 | 151 | 31 | 53 | 0.0 | 457.0 |
| Max | 99999.00 | 0.000 | 3212 | 318 | 215 | 61 | 108 | 0.0 | 488.8 |
| Mn | 99999.00 | 0.000 | 3056 | 261 | 183 | 44 | 76 | 0.0 | 466.0 |

**********

Statistics for H002 0 FLT 32 Day 291

**********

Start Time 17:54:00 Start East 599696 Start Nrth 5401305
End Time 17:55:46 End East 599704 End Nrth 5401317

Elaps Time 00:01:46 Line Length = 0.014 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 1034 | 113 | 14 | 23 | 57 | 0.0 | 478.0 |
| Max | 99999.00 | 0.000 | 1199 | 178 | 39 | 55 | 95 | 0.0 | 503.0 |
| Mn | 99999.00 | 0.000 | 1119 | 146 | 27 | 35 | 76 | 0.0 | 494.6 |

**********

Statistics for G001 0 FLT 33 Day 292

**********

Start Time 08:35:11 Start East 599697 Start Nrth 5401304
End Time 08:37:06 End East 599701 End Nrth 5401313

Elaps Time 00:01:55 Line Length = 0.010 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 978 | 115 | 13 | 20 | 55 | 0.0 | 463.0 |
| Max | 99999.00 | 0.000 | 1177 | 166 | 35 | 53 | 98 | 0.0 | 494.8 |
| Mn | 99999.00 | 0.000 | 1076 | 141 | 24 | 34 | 77 | 0.0 | 482.1 |

**********

Statistics for G001 0 FLT 33 Day 292

**********

Start Time 08:38:23 Start East 599684 Start Nrth 5401304
End Time 08:40:24 End East 599696 End Nrth 5401324

Elaps Time 00:02:01 Line Length = 0.023 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 1522 | 124 | 21 | 63 | 56 | 0.0 | 369.0 |
| Max | 99999.00 | 0.000 | 1753 | 191 | 50 | 108 | 102 | 0.0 | 421.8 |
| Mn | 99999.00 | 0.000 | 1650 | 157 | 34 | 80 | 78 | 0.0 | 388.2 |

**********

Statistics for G001 0 FLT 33 Day 292

**********

Start Time 08:41:30 Start East 599650 Start Nrth 5401281
End Time 08:43:34 End East 599670 End Nrth 5401323

Elaps Time 00:02:04 Line Length = 0.047 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 2817 | 196 | 145 | 28 | 57 | 0.0 | 431.2 |
| Max | 99999.00 | 0.000 | 3119 | 296 | 212 | 61 | 106 | 0.0 | 526.0 |
| Mn | 99999.00 | 0.000 | 2936 | 249 | 176 | 43 | 76 | 0.0 | 498.0 |

**********

Statistics for G001 0 FLT 33 Day 292

**********

Start Time 08:45:00 Start East 599677 Start Nrth 5401276
End Time 08:48:24 End East 599709 End Nrth 5401326

Elaps Time 00:03:24 Line Length = 0.059 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 935 | 107 | 11 | 19 | 55 | 0.0 | 443.0 |
| Max | 99999.00 | 0.000 | 1144 | 173 | 38 | 46 | 105 | 0.0 | 537.0 |
| Mn | 99999.00 | 0.000 | 1044 | 136 | 23 | 33 | 75 | 0.0 | 480.5 |

**********

Statistics for C001 0 FLT 33 Day 292

**********

Start Time 09:20:49 Start East 603566 Start Nrth 5401888
End Time 09:22:46 End East 606477 End Nrth 5405790

Elaps Time 00:01:57 Line Length = 4.868 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61674.12 | 0.000 | 85 | 4 | 0 | 1 | 48 | 215.0 | 72.0 |
| Max | 61694.44 | 0.185 | 1152 | 174 | 31 | 47 | 94 | 321.0 | 134.0 |
| Mn | 61683.56 | 0.031 | 650 | 84 | 13 | 19 | 64 | 269.6 | 93.0 |

**********

Statistics for Y001 0 FLT 33 Day 292

**********

Start Time 09:23:08 Start East 606762 Start Nrth 5406646
End Time 09:23:52 End East 607268 End Nrth 5408448

Elaps Time 00:00:44 Line Length = 1.872 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61665.48 | 0.000 | 75 | 4 | 0 | 0 | 51 | 285.0 | 85.0 |
| Max | 61679.76 | 0.096 | 123 | 19 | 12 | 9 | 92 | 332.8 | 102.0 |
| Mn | 61670.13 | 0.022 | 99 | 10 | 4 | 3 | 65 | 304.0 | 91.2 |

**********

Statistics for Cal 2 FLT 34 Day 292

**********

Start Time 16:47:32 Start East 603584 Start Nrth 5401942
End Time 16:49:35 End East 606454 End Nrth 5405771

Elaps Time 00:02:03 Line Length = 4.785 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61691.00 | 0.000 | 80 | 5 | 0 | 1 | 40 | 172.0 | 61.0 |
| Max | 61709.35 | 0.167 | 1221 | 179 | 30 | 47 | 86 | 327.0 | 128.2 |
| Mn | 61701.34 | 0.035 | 661 | 86 | 13 | 19 | 63 | 240.4 | 81.5 |

**********

Statistics for Z002 0 FLT 34 Day 292

**********

Start Time 16:49:47 Start East 606611 Start Nrth 5406230
End Time 16:50:56 End East 607376 End Nrth 5408925

Elaps Time 00:01:09 Line Length = 2.801 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61679.45 | 0.000 | 67 | 3 | 0 | 0 | 51 | 240.0 | 75.0 |
| Max | 61698.82 | 0.193 | 110 | 23 | 9 | 14 | 84 | 316.0 | 97.0 |
| Mn | 61690.00 | 0.032 | 92 | 11 | 3 | 3 | 64 | 270.0 | 83.5 |

**********

Statistics for H002 0 FLT 34 Day 292

**********

Start Time 17:04:47 Start East 599710 Start Nrth 5401309
End Time 17:07:48 End East 599714 End Nrth 5401327

Elaps Time 00:03:01 Line Length = 0.018 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61805.50 | 0.000 | 923 | 96 | 12 | 18 | 55 | 0.0 | 554.0 |
| Max | 61806.86 | 0.206 | 1103 | 167 | 39 | 56 | 108 | 0.0 | 565.0 |
| Mn | 61805.85 | 0.024 | 1024 | 133 | 22 | 33 | 76 | 0.0 | 558.9 |

**********

Statistics for H002 0 FLT 34 Day 292

**********

Start Time 17:09:06 Start East 599704 Start Nrth 5401286
End Time 17:10:59 End East 599716 End Nrth 5401321

Elaps Time 00:01:53 Line Length = 0.037 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61805.69 | 0.000 | 1489 | 119 | 18 | 53 | 54 | 0.0 | 524.0 |
| Max | 61806.14 | 0.064 | 1706 | 181 | 49 | 108 | 101 | 0.0 | 554.0 |
| Mn | 61805.89 | 0.016 | 1590 | 148 | 31 | 78 | 73 | 0.0 | 543.7 |

**********

Statistics for H002 0 FLT 34 Day 292

**********

Start Time 17:12:15 Start East 599693 Start Nrth 5401250
End Time 17:14:04 End East 599704 End Nrth 5401278

Elaps Time 00:01:49 Line Length = 0.030 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61190.44 | 0.000 | 2762 | 205 | 135 | 27 | 57 | 0.0 | 482.0 |
| Max | 61817.85 | 25.658 | 3046 | 278 | 206 | 62 | 101 | 0.0 | 515.0 |
| Mn | 61502.35 | 0.732 | 2891 | 244 | 172 | 42 | 74 | 0.0 | 492.8 |

**********

Statistics for H002 0 FLT 34 Day 292

**********

Start Time 17:14:24 Start East 599707 Start Nrth 5401289
End Time 17:16:03 End East 599717 End Nrth 5401311

Elaps Time 00:01:39 Line Length = 0.024 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61477.24 | 0.000 | 946 | 107 | 14 | 22 | 53 | 0.0 | 533.0 |
| Max | 61478.01 | 0.174 | 1113 | 171 | 40 | 52 | 100 | 0.0 | 574.0 |
| Mn | 61477.48 | 0.025 | 1036 | 135 | 23 | 34 | 74 | 0.0 | 552.1 |

**********

Statistics for G001 0 FLT 35 Day 294

**********

Start Time 08:38:04 Start East 599662 Start Nrth 5401290
End Time 08:40:45 End East 599671 End Nrth 5401327

Elaps Time 00:02:41 Line Length = 0.038 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61366.01 | 0.000 | 956 | 93 | 11 | 21 | 51 | 0.0 | 490.0 |
| Max | 61366.73 | 0.076 | 1130 | 172 | 36 | 55 | 107 | 0.0 | 514.0 |
| Mn | 61366.43 | 0.019 | 1034 | 136 | 23 | 34 | 69 | 0.0 | 497.5 |

**********

Statistics for G001 0 FLT 35 Day 294

**********

Start Time 08:41:42 Start East 599670 Start Nrth 5401300
End Time 08:43:20 End East 599701 End Nrth 5401307

Elaps Time 00:01:38 Line Length = 0.032 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61366.51 | 0.000 | 1514 | 119 | 20 | 59 | 45 | 0.0 | 462.0 |
| Max | 61367.15 | 0.218 | 1713 | 181 | 48 | 107 | 87 | 0.0 | 523.0 |
| Mn | 61366.70 | 0.022 | 1611 | 151 | 34 | 81 | 70 | 0.0 | 500.4 |

**********

Statistics for G001 0 FLT 35 Day 294

**********

Start Time 08:44:13 Start East 599678 Start Nrth 5401272
End Time 08:46:56 End East 599699 End Nrth 5401294

Elaps Time 00:02:43 Line Length = 0.030 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61367.05 | 0.000 | 2738 | 214 | 152 | 25 | 48 | 0.0 | 424.0 |
| Max | 61367.52 | 0.068 | 3092 | 309 | 228 | 64 | 101 | 0.0 | 520.0 |
| Mn | 61367.30 | 0.019 | 2955 | 246 | 180 | 44 | 70 | 0.0 | 473.2 |

**********

Statistics for G001 0 FLT 35 Day 294

**********

Start Time 08:47:24 Start East 599693 Start Nrth 5401283
End Time 08:49:41 End East 599705 End Nrth 5401339

Elaps Time 00:02:17 Line Length = 0.057 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61367.08 | 0.000 | 956 | 110 | 12 | 17 | 51 | 0.0 | 479.0 |
| Max | 61367.62 | 0.090 | 1132 | 171 | 36 | 55 | 96 | 0.0 | 516.0 |
| Mn | 61367.39 | 0.020 | 1032 | 135 | 23 | 34 | 71 | 0.0 | 502.5 |

**********

Statistics for C001 0 FLT 35 Day 294

**********

Start Time 09:00:47 Start East 603495 Start Nrth 5401837
End Time 09:02:45 End East 606365 End Nrth 5405686

Elaps Time 00:01:58 Line Length = 4.801 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61672.81 | 0.000 | 99 | 7 | 1 | 0 | 45 | 200.0 | 67.0 |
| Max | 61688.89 | 0.163 | 1101 | 163 | 29 | 48 | 83 | 304.0 | 150.4 |
| Mn | 61682.93 | 0.025 | 611 | 78 | 13 | 17 | 59 | 259.5 | 92.6 |

**********

Statistics for Y001 0 FLT 35 Day 294

**********

Start Time 09:03:01 Start East 606479 Start Nrth 5406301
End Time 09:04:10 End East 606988 End Nrth 5409002

Elaps Time 00:01:09 Line Length = 2.749 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61661.59 | 0.000 | 93 | 5 | 1 | 0 | 42 | 250.0 | 76.0 |
| Max | 61679.06 | 0.087 | 166 | 22 | 14 | 10 | 79 | 297.0 | 91.0 |
| Mn | 61671.55 | 0.021 | 124 | 12 | 5 | 3 | 59 | 274.6 | 84.6 |

**********

Statistics for Cal 2 FLT 36 Day 294

**********

Start Time 16:54:31 Start East 603698 Start Nrth 5402129
End Time 16:56:19 End East 606083 End Nrth 5405386

Elaps Time 00:01:48 Line Length = 4.037 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61685.33 | 0.000 | 105 | 8 | 2 | 0 | 40 | 174.0 | 48.0 |
| Max | 61702.08 | 0.077 | 1212 | 193 | 29 | 48 | 87 | 272.0 | 111.0 |
| Mn | 61695.64 | 0.020 | 752 | 99 | 15 | 21 | 60 | 228.5 | 71.7 |

**********

Statistics for Z002 0 FLT 36 Day 294

**********

Start Time 16:56:35 Start East 606260 Start Nrth 5405853
End Time 16:57:49 End East 606875 End Nrth 5408739

Elaps Time 00:01:14 Line Length = 2.951 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61678.26 | 0.000 | 75 | 4 | 0 | 0 | 47 | 238.0 | 69.0 |
| Max | 61696.43 | 0.067 | 130 | 21 | 12 | 9 | 76 | 300.0 | 84.0 |
| Mn | 61686.68 | 0.021 | 105 | 12 | 3 | 3 | 60 | 275.8 | 77.3 |

**********

Statistics for H002 0 FLT 36 Day 294

**********

Start Time 17:09:42 Start East 599709 Start Nrth 5401309
End Time 17:12:09 End East 599724 End Nrth 5401336

Elaps Time 00:02:27 Line Length = 0.031 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61003.51 | 0.000 | 986 | 112 | 13 | 18 | 51 | 0.0 | 490.0 |
| Max | 61004.49 | 0.070 | 1153 | 169 | 45 | 52 | 99 | 0.0 | 509.0 |
| Mn | 61004.02 | 0.019 | 1064 | 139 | 24 | 35 | 71 | 0.0 | 497.5 |

**********

Statistics for H002 0 FLT 36 Day 294

**********

Start Time 17:14:03 Start East 599703 Start Nrth 5401292
End Time 17:15:56 End East 599715 End Nrth 5401308

Elaps Time 00:01:53 Line Length = 0.020 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61003.17 | 0.000 | 1544 | 125 | 23 | 61 | 55 | 0.0 | 502.0 |
| Max | 61004.24 | 0.089 | 1807 | 196 | 50 | 105 | 93 | 0.0 | 520.0 |
| Mn | 61003.51 | 0.019 | 1644 | 158 | 34 | 80 | 71 | 0.0 | 513.1 |

**********

Statistics for H002 0 FLT 36 Day 294

**********

Start Time 17:16:52 Start East 599715 Start Nrth 5401311
End Time 17:18:46 End East 599722 End Nrth 5401328

Elaps Time 00:01:54 Line Length = 0.018 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61003.18 | 0.000 | 2764 | 220 | 139 | 22 | 51 | 0.0 | 485.0 |
| Max | 61003.98 | 0.081 | 3091 | 290 | 206 | 64 | 89 | 0.0 | 501.0 |
| Mn | 61003.47 | 0.019 | 2902 | 248 | 173 | 42 | 70 | 0.0 | 497.0 |

**********

Statistics for H002 0 FLT 36 Day 294

**********

Start Time 17:19:42 Start East 599729 Start Nrth 5401344
End Time 17:21:56 End East 599736 End Nrth 5401359

Elaps Time 00:02:14 Line Length = 0.017 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61003.87 | 0.000 | 956 | 108 | 11 | 20 | 42 | 0.0 | 463.0 |
| Max | 61004.28 | 0.088 | 1156 | 179 | 37 | 48 | 96 | 0.0 | 476.0 |
| Mn | 61004.07 | 0.020 | 1072 | 140 | 24 | 34 | 70 | 0.0 | 468.3 |

**********

Statistics for G001 0 FLT 37 Day 295

**********

Start Time 12:44:29 Start East 599693 Start Nrth 5401305
End Time 12:46:24 End East 599713 End Nrth 5401330

Elaps Time 00:01:55 Line Length = 0.032 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63195.80 | 0.000 | 1042 | 118 | 14 | 21 | 50 | 0.0 | 481.0 |
| Max | 63196.22 | 0.063 | 1239 | 187 | 38 | 50 | 92 | 0.0 | 499.0 |
| Mn | 63195.99 | 0.017 | 1118 | 148 | 24 | 34 | 71 | 0.0 | 492.3 |

**********

Statistics for G001 0 FLT 37 Day 295

**********

Start Time 12:47:16 Start East 599689 Start Nrth 5401322
End Time 12:49:10 End East 599694 End Nrth 5401329

Elaps Time 00:01:54 Line Length = 0.009 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63196.18 | 0.000 | 1588 | 126 | 18 | 59 | 52 | 0.0 | 464.0 |
| Max | 63196.74 | 0.073 | 1817 | 196 | 51 | 100 | 92 | 0.0 | 475.0 |
| Mn | 63196.51 | 0.017 | 1703 | 167 | 35 | 80 | 71 | 0.0 | 469.8 |

**********

Statistics for G001 0 FLT 37 Day 295

**********

Start Time 12:49:57 Start East 599696 Start Nrth 5401297
End Time 12:51:49 End East 599717 End Nrth 5401326

Elaps Time 00:01:52 Line Length = 0.036 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63196.55 | 0.000 | 2902 | 226 | 142 | 31 | 54 | 0.0 | 455.0 |
| Max | 63196.85 | 0.059 | 3143 | 300 | 203 | 67 | 88 | 0.0 | 485.0 |
| Mn | 63196.69 | 0.018 | 3005 | 261 | 177 | 44 | 70 | 0.0 | 472.0 |

**********

Statistics for G001 0 FLT 37 Day 295

**********

Start Time 12:52:43 Start East 599718 Start Nrth 5401289
End Time 12:54:31 End East 599725 End Nrth 5401299

Elaps Time 00:01:48 Line Length = 0.012 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63196.94 | 0.000 | 1023 | 121 | 16 | 21 | 50 | 0.0 | 494.0 |
| Max | 63197.16 | 0.072 | 1235 | 201 | 35 | 49 | 91 | 0.0 | 506.0 |
| Mn | 63197.06 | 0.017 | 1122 | 151 | 25 | 35 | 70 | 0.0 | 502.1 |

**********

Statistics for C001 0 FLT 37 Day 295

**********

Start Time 13:36:48 Start East 603534 Start Nrth 5401872
End Time 13:38:46 End East 606154 End Nrth 5405259

Elaps Time 00:01:58 Line Length = 4.282 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61681.07 | 0.000 | 105 | 6 | 1 | 1 | 37 | 231.0 | 81.0 |
| Max | 61698.17 | 0.092 | 1065 | 155 | 28 | 43 | 76 | 317.0 | 137.6 |
| Mn | 61690.03 | 0.024 | 684 | 86 | 14 | 19 | 59 | 276.2 | 100.0 |

**********

Statistics for Y001 0 FLT 37 Day 295

**********

Start Time 13:39:01 Start East 606439 Start Nrth 5405696
End Time 13:40:20 End East 607024 End Nrth 5408682

Elaps Time 00:01:19 Line Length = 3.043 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61671.91 | 0.000 | 84 | 2 | 0 | 0 | 40 | 249.0 | 0.0 |
| Max | 61689.33 | 0.125 | 138 | 21 | 14 | 10 | 79 | 313.0 | 104.0 |
| Mn | 61681.00 | 0.019 | 110 | 11 | 5 | 3 | 60 | 285.7 | 61.7 |

**********

Statistics for Cal 2 FLT 37 Day 295

**********

Start Time 18:17:41 Start East 603649 Start Nrth 5402037
End Time 18:19:49 End East 606534 End Nrth 5405867

Elaps Time 00:02:08 Line Length = 4.795 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61695.35 | 0.000 | 89 | 8 | 0 | 0 | 36 | 211.0 | 60.0 |
| Max | 61710.77 | 0.079 | 1164 | 178 | 29 | 48 | 78 | 296.0 | 115.8 |
| Mn | 61704.23 | 0.019 | 624 | 79 | 12 | 17 | 60 | 251.7 | 81.4 |

**********

Statistics for Z002 0 FLT 37 Day 295

**********

Start Time 18:19:59 Start East 606678 Start Nrth 5406204
End Time 18:21:18 End East 607015 End Nrth 5409138

Elaps Time 00:01:19 Line Length = 2.953 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61680.51 | 0.000 | 74 | 3 | 0 | 0 | 43 | 272.0 | 80.0 |
| Max | 61702.81 | 0.107 | 128 | 19 | 11 | 7 | 77 | 308.0 | 89.0 |
| Mn | 61692.96 | 0.019 | 101 | 12 | 4 | 2 | 58 | 288.3 | 83.7 |

**********

Statistics for H002 0 FLT 37 Day 295

**********

Start Time 18:29:15 Start East 599703 Start Nrth 5401313
End Time 18:31:24 End East 599713 End Nrth 5401325

Elaps Time 00:02:09 Line Length = 0.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62397.02 | 0.000 | 1015 | 120 | 13 | 21 | 49 | 0.0 | 429.0 |
| Max | 62397.72 | 0.077 | 1199 | 188 | 39 | 48 | 91 | 0.0 | 499.8 |
| Mn | 62397.38 | 0.019 | 1108 | 150 | 23 | 35 | 70 | 0.0 | 454.8 |

**********

Statistics for H002 0 FLT 37 Day 295

**********

Start Time 18:32:56 Start East 599704 Start Nrth 5401313
End Time 18:35:00 End East 599715 End Nrth 5401320

Elaps Time 00:02:04 Line Length = 0.013 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62397.56 | 0.000 | 1542 | 135 | 20 | 56 | 55 | 0.0 | 454.2 |
| Max | 62398.75 | 0.087 | 1742 | 202 | 52 | 101 | 91 | 0.0 | 508.0 |
| Mn | 62398.23 | 0.018 | 1640 | 161 | 33 | 77 | 70 | 0.0 | 477.7 |

**********

Statistics for H002 0 FLT 37 Day 295

**********

Start Time 18:36:00 Start East 599712 Start Nrth 5401308
End Time 18:38:04 End East 599722 End Nrth 5401316

Elaps Time 00:02:04 Line Length = 0.013 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62399.19 | 0.000 | 2695 | 202 | 127 | 26 | 49 | 0.0 | 493.0 |
| Max | 62399.40 | 0.071 | 2992 | 297 | 204 | 59 | 92 | 0.0 | 535.0 |
| Mn | 62399.29 | 0.016 | 2836 | 249 | 163 | 42 | 69 | 0.0 | 516.5 |

**********

Statistics for H002 0 FLT 37 Day 295

**********

Start Time 18:38:52 Start East 599705 Start Nrth 5401311
End Time 18:41:00 End East 599713 End Nrth 5401316

Elaps Time 00:02:08 Line Length = 0.009 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62399.42 | 0.000 | 1012 | 122 | 12 | 21 | 41 | 0.0 | 492.0 |
| Max | 62399.94 | 0.061 | 1167 | 189 | 39 | 51 | 97 | 0.0 | 496.0 |
| Mn | 62399.75 | 0.017 | 1088 | 146 | 22 | 34 | 69 | 0.0 | 494.1 |

**********

Statistics for G001 0 FLT 38 Day 296

**********

Start Time 08:35:56 Start East 599709 Start Nrth 5401272
End Time 08:38:04 End East 599738 End Nrth 5401330

Elaps Time 00:02:08 Line Length = 0.065 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61174.15 | 0.000 | 965 | 115 | 10 | 21 | 46 | 0.0 | 445.2 |
| Max | 61174.99 | 0.113 | 1144 | 182 | 42 | 50 | 87 | 0.0 | 480.0 |
| Mn | 61174.70 | 0.026 | 1054 | 142 | 22 | 35 | 67 | 0.0 | 468.6 |

**********

Statistics for G001 0 FLT 38 Day 296

**********

Start Time 08:39:18 Start East 599685 Start Nrth 5401366
End Time 08:41:13 End East 599722 End Nrth 5401374

Elaps Time 00:01:55 Line Length = 0.038 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61173.65 | 0.000 | 1479 | 136 | 18 | 58 | 48 | 0.0 | 417.0 |
| Max | 61174.57 | 0.083 | 1732 | 195 | 48 | 101 | 89 | 0.0 | 489.0 |
| Mn | 61174.15 | 0.022 | 1620 | 159 | 32 | 78 | 70 | 0.0 | 457.0 |

**********

Statistics for G001 0 FLT 38 Day 296

**********

Start Time 08:42:10 Start East 599695 Start Nrth 5401334
End Time 08:44:19 End East 599716 End Nrth 5401377

Elaps Time 00:02:09 Line Length = 0.048 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61173.46 | 0.000 | 2730 | 219 | 140 | 23 | 49 | 0.0 | 410.0 |
| Max | 61175.03 | 0.084 | 3006 | 291 | 218 | 70 | 94 | 0.0 | 477.0 |
| Mn | 61174.29 | 0.026 | 2856 | 249 | 168 | 42 | 67 | 0.0 | 456.2 |

**********

Statistics for G001 0 FLT 38 Day 296

**********

Start Time 08:45:16 Start East 599713 Start Nrth 5401308
End Time 08:48:09 End East 599725 End Nrth 5401321

Elaps Time 00:02:53 Line Length = 0.018 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61170.44 | 0.000 | 961 | 112 | 10 | 20 | 50 | 0.0 | 460.0 |
| Max | 61172.17 | 0.096 | 1135 | 177 | 39 | 55 | 91 | 0.0 | 505.0 |
| Mn | 61171.07 | 0.020 | 1055 | 142 | 22 | 34 | 68 | 0.0 | 472.3 |

**********

Statistics for C001 0 FLT 38 Day 296

**********

Start Time 09:01:59 Start East 603787 Start Nrth 5402236
End Time 09:03:42 End East 606112 End Nrth 5405495

Elaps Time 00:01:43 Line Length = 4.003 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61676.63 | 0.000 | 120 | 9 | 0 | 0 | 40 | 222.0 | 69.0 |
| Max | 61693.14 | 0.127 | 1143 | 175 | 33 | 45 | 83 | 312.0 | 124.0 |
| Mn | 61686.52 | 0.020 | 696 | 90 | 15 | 19 | 58 | 249.3 | 85.5 |

**********

Statistics for Y001 0 FLT 38 Day 296

**********

Start Time 09:03:58 Start East 606349 Start Nrth 5406118
End Time 09:05:06 End East 606861 End Nrth 5408782

Elaps Time 00:01:08 Line Length = 2.713 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61671.73 | 0.000 | 111 | 6 | 1 | 0 | 43 | 216.0 | 65.0 |
| Max | 61687.01 | 0.085 | 181 | 23 | 18 | 9 | 75 | 271.2 | 83.0 |
| Mn | 61679.34 | 0.020 | 147 | 14 | 7 | 2 | 56 | 229.8 | 70.7 |

**********
Statistics for Cal 2 FLT 39 Day 296
**********

Start Time 17:12:56 Start East 603534 Start Nrth 5401918
End Time 17:14:54 End East 606058 End Nrth 5405392

Elaps Time 00:01:58 Line Length = 4.294 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61693.34 | 0.000 | 82 | 7 | 2 | 1 | 40 | 182.0 | 64.0 |
| Max | 61709.74 | 0.078 | 1156 | 184 | 34 | 40 | 88 | 297.0 | 130.2 |
| Mn | 61703.44 | 0.019 | 717 | 93 | 14 | 19 | 59 | 239.5 | 83.4 |

**********
Statistics for Z002 0 FLT 39 Day 296
**********

Start Time 17:15:09 Start East 606245 Start Nrth 5405917
End Time 17:16:23 End East 606902 End Nrth 5408836

Elaps Time 00:01:14 Line Length = 2.992 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61683.23 | 0.000 | 74 | 6 | 0 | 0 | 40 | 271.0 | 81.2 |
| Max | 61703.24 | 0.068 | 125 | 23 | 12 | 10 | 78 | 314.0 | 93.0 |
| Mn | 61693.48 | 0.017 | 101 | 11 | 3 | 3 | 60 | 286.9 | 86.5 |

**********
Statistics for H002 0 FLT 39 Day 296
**********

Start Time 17:33:16 Start East 599705 Start Nrth 5401302
End Time 17:35:00 End East 599709 End Nrth 5401308

Elaps Time 00:01:44 Line Length = 0.007 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61250.82 | 0.000 | 988 | 110 | 10 | 20 | 50 | 0.0 | 508.0 |
| Max | 61251.18 | 0.072 | 3429 | 182 | 88 | 62 | 93 | 0.0 | 514.8 |
| Mn | 61250.98 | 0.019 | 1163 | 143 | 24 | 35 | 69 | 0.0 | 510.1 |

**********

Statistics for H002 0 FLT 39 Day 296

**********

Start Time 17:35:56 Start East 599704 Start Nrth 5401298
End Time 17:37:50 End East 599709 End Nrth 5401312

Elaps Time 00:01:54 Line Length = 0.015 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61251.36 | 0.000 | 1581 | 125 | 18 | 60 | 51 | 0.0 | 499.0 |
| Max | 61252.65 | 0.093 | 1755 | 188 | 47 | 105 | 92 | 0.0 | 513.0 |
| Mn | 61252.09 | 0.021 | 1662 | 157 | 34 | 81 | 70 | 0.0 | 506.1 |

**********

Statistics for H002 0 FLT 39 Day 296

**********

Start Time 17:38:32 Start East 599693 Start Nrth 5401284
End Time 17:40:28 End East 599707 End Nrth 5401305

Elaps Time 00:01:56 Line Length = 0.025 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61020.00 | 0.000 | 2818 | 210 | 141 | 31 | 49 | 0.0 | 504.0 |
| Max | 61261.28 | 45.279 | 3109 | 290 | 220 | 64 | 89 | 0.0 | 543.0 |
| Mn | 61228.64 | 0.578 | 2975 | 256 | 174 | 44 | 71 | 0.0 | 527.1 |

**********

Statistics for H002 0 FLT 39 Day 296

**********

Start Time 17:40:53 Start East 599693 Start Nrth 5401285
End Time 17:43:07 End East 599709 End Nrth 5401316

Elaps Time 00:02:14 Line Length = 0.035 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61185.45 | 0.000 | 986 | 111 | 10 | 21 | 48 | 0.0 | 497.0 |
| Max | 61185.72 | 0.097 | 1148 | 175 | 36 | 55 | 88 | 0.0 | 543.0 |
| Mn | 61185.60 | 0.025 | 1077 | 143 | 22 | 35 | 69 | 0.0 | 523.6 |

**********

Statistics for Cal 2 FLT 41 Day 297

**********

Start Time 17:46:56 Start East 603561 Start Nrth 5401908
End Time 17:48:59 End East 606064 End Nrth 5405309

Elaps Time 00:02:03 Line Length = 4.223 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61677.75 | 0.000 | 123 | 8 | 2 | 1 | 46 | 166.0 | 58.0 |
| Max | 61698.09 | 0.109 | 1259 | 180 | 35 | 50 | 86 | 247.0 | 122.0 |
| Mn | 61688.94 | 0.026 | 797 | 101 | 18 | 21 | 62 | 221.1 | 81.3 |

**********

Statistics for Z002 0 FLT 41 Day 297

**********

Start Time 17:49:16 Start East 606241 Start Nrth 5405801
End Time 17:50:50 End East 606843 End Nrth 5408906

Elaps Time 00:01:34 Line Length = 3.163 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61668.37 | 0.000 | 108 | 5 | 1 | 0 | 48 | 225.0 | 64.0 |
| Max | 61689.55 | 0.076 | 165 | 24 | 13 | 9 | 80 | 269.0 | 78.0 |
| Mn | 61679.67 | 0.019 | 135 | 13 | 6 | 3 | 60 | 247.1 | 73.0 |

**********

Statistics for H002 0 FLT 41 Day 297

**********

Start Time 17:56:20 Start East 599705 Start Nrth 5401300
End Time 17:57:56 End East 599716 End Nrth 5401342

Elaps Time 00:01:36 Line Length = 0.043 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61354.71 | 0.000 | 1073 | 124 | 13 | 21 | 51 | 0.0 | 435.0 |
| Max | 61358.62 | 1.355 | 1238 | 181 | 41 | 59 | 97 | 0.0 | 537.0 |
| Mn | 61356.07 | 0.038 | 1144 | 149 | 27 | 36 | 73 | 0.0 | 496.5 |

**********

Statistics for H002 0 FLT 41 Day 297

**********

Start Time 17:59:59 Start East 599711 Start Nrth 5401314
End Time 18:01:56 End East 599716 End Nrth 5401348

Elaps Time 00:01:57 Line Length = 0.034 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61357.67 | 0.000 | 1602 | 131 | 23 | 60 | 53 | 0.0 | 415.0 |
| Max | 61358.03 | 0.100 | 1796 | 193 | 51 | 103 | 96 | 0.0 | 504.0 |
| Mn | 61357.88 | 0.022 | 1689 | 162 | 36 | 79 | 75 | 0.0 | 454.4 |

**********

Statistics for H002 0 FLT 41 Day 297

**********

Start Time 18:02:31 Start East 599706 Start Nrth 5401315
End Time 18:04:30 End East 599714 End Nrth 5401345

Elaps Time 00:01:59 Line Length = 0.031 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61357.80 | 0.000 | 2731 | 212 | 147 | 27 | 56 | 0.0 | 421.0 |
| Max | 61358.75 | 0.057 | 3073 | 283 | 220 | 61 | 90 | 0.0 | 500.0 |
| Mn | 61358.15 | 0.017 | 2923 | 249 | 172 | 43 | 73 | 0.0 | 464.6 |

**********

Statistics for H002 0 FLT 41 Day 297

**********

Start Time 18:05:12 Start East 599706 Start Nrth 5401300
End Time 18:06:50 End East 599709 End Nrth 5401312

Elaps Time 00:01:38 Line Length = 0.012 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61358.25 | 0.000 | 1022 | 120 | 16 | 23 | 47 | 0.0 | 510.0 |
| Max | 61358.82 | 0.085 | 1201 | 176 | 40 | 59 | 100 | 0.0 | 547.0 |
| Mn | 61358.55 | 0.018 | 1114 | 145 | 27 | 34 | 73 | 0.0 | 522.1 |

**********

Statistics for G001 0 FLT 42 Day 298

**********

Start Time 13:59:46 Start East 0 Start Nrth 0
End Time 14:02:00 End East 0 End Nrth 0

Elaps Time 00:02:14 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60998.71 | 0.000 | 1541 | 127 | 23 | 60 | 55 | 0.0 | 0.0 |
| Max | 60999.60 | 0.069 | 1734 | 186 | 50 | 106 | 96 | 0.0 | 0.0 |
| Mn | 60999.13 | 0.019 | 1645 | 156 | 34 | 79 | 75 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 42 Day 298

**********

Start Time 14:02:46 Start East 0 Start Nrth 0
End Time 14:04:50 End East 599702 End Nrth 5401319

Elaps Time 00:02:04 Line Length = %5434.509 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60999.78 | 0.000 | 2805 | 207 | 147 | 24 | 55 | 0.0 | 0.0 |
| Max | 61000.55 | 0.090 | 3114 | 312 | 217 | 65 | 100 | 0.0 | 474.0 |
| Mn | 61000.20 | 0.018 | 2954 | 249 | 177 | 43 | 74 | 0.0 | 29.0 |

**********

Statistics for G001 0 FLT 42 Day 298

**********

Start Time 14:05:33 Start East 599705 Start Nrth 5401320
End Time 14:07:42 End East 599728 End Nrth 5401360

Elaps Time 00:02:09 Line Length = 0.046 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60999.96 | 0.000 | 971 | 106 | 9 | 17 | 56 | 0.0 | 475.0 |
| Max | 61001.74 | 0.085 | 1166 | 174 | 40 | 57 | 95 | 0.0 | 498.0 |
| Mn | 61000.89 | 0.018 | 1067 | 143 | 23 | 35 | 75 | 0.0 | 488.7 |

**********
Statistics for C001 0 FLT 42 Day 298
**********

Start Time 14:20:03 Start East 603538 Start Nrth 5401887
End Time 14:22:11 End East 606029 End Nrth 5405365

Elaps Time 00:02:08 Line Length = 4.278 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61676.62 | 0.000 | 90 | 5 | 1 | 1 | 41 | 189.0 | 56.0 |
| Max | 61696.44 | 0.178 | 1214 | 196 | 33 | 46 | 85 | 328.0 | 129.2 |
| Mn | 61686.44 | 0.030 | 706 | 90 | 15 | 20 | 63 | 240.5 | 84.6 |

**********
Statistics for Y001 0 FLT 42 Day 298
**********

Start Time 14:22:29 Start East 606368 Start Nrth 5405832
End Time 14:24:03 End East 607295 End Nrth 5408911

Elaps Time 00:01:34 Line Length = 3.216 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61665.91 | 0.000 | 64 | 4 | 0 | 0 | 47 | 226.0 | 62.0 |
| Max | 61686.80 | 0.096 | 123 | 18 | 7 | 9 | 79 | 277.0 | 79.0 |
| Mn | 61677.81 | 0.025 | 90 | 11 | 2 | 2 | 62 | 250.2 | 70.8 |

**********
Statistics for Cal 2 FLT 42 Day 298
**********

Start Time 17:16:52 Start East 603517 Start Nrth 5401849
End Time 17:18:50 End East 606121 End Nrth 5405387

Elaps Time 00:01:58 Line Length = 4.393 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61679.28 | 0.000 | 90 | 6 | 0 | 1 | 43 | 184.0 | 57.0 |
| Max | 61700.35 | 0.240 | 1228 | 188 | 30 | 49 | 84 | 251.0 | 131.0 |
| Mn | 61690.11 | 0.032 | 757 | 100 | 16 | 21 | 62 | 217.1 | 78.3 |

**********

Statistics for Z002 0 FLT 42 Day 298

**********

Start Time 17:19:08 Start East 606299 Start Nrth 5405894
End Time 17:20:42 End East 607042 End Nrth 5409195

Elaps Time 00:01:34 Line Length = 3.384 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61666.89 | 0.000 | 78 | 3 | 0 | 0 | 37 | 221.0 | 67.0 |
| Max | 61688.84 | 0.111 | 128 | 25 | 9 | 9 | 88 | 290.0 | 90.0 |
| Mn | 61678.87 | 0.027 | 101 | 12 | 3 | 2 | 61 | 248.9 | 74.8 |

**********

Statistics for H002 0 FLT 42 Day 298

**********

Start Time 17:27:34 Start East 599704 Start Nrth 5401301
End Time 17:29:32 End East 599716 End Nrth 5401325

Elaps Time 00:01:58 Line Length = 0.027 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61101.18 | 0.000 | 965 | 112 | 16 | 19 | 53 | 0.0 | 474.0 |
| Max | 61102.50 | 0.113 | 1178 | 171 | 43 | 54 | 106 | 0.0 | 515.0 |
| Mn | 61101.80 | 0.019 | 1100 | 143 | 25 | 35 | 72 | 0.0 | 492.7 |

**********

Statistics for H002 0 FLT 42 Day 298

**********

Start Time 17:31:54 Start East 599702 Start Nrth 5401300
End Time 17:34:03 End East 599713 End Nrth 5401316

Elaps Time 00:02:09 Line Length = 0.019 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61103.94 | 0.000 | 1565 | 130 | 22 | 57 | 53 | 0.0 | 491.0 |
| Max | 61105.58 | 0.122 | 1799 | 192 | 51 | 106 | 93 | 0.0 | 519.8 |
| Mn | 61105.04 | 0.022 | 1683 | 158 | 35 | 82 | 72 | 0.0 | 503.2 |

**********

Statistics for H002 0 FLT 42 Day 298

**********

Start Time 17:34:45 Start East 599711 Start Nrth 5401318
End Time 17:36:44 End East 599718 End Nrth 5401332

Elaps Time 00:01:59 Line Length = 0.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61102.63 | 0.000 | 2910 | 214 | 146 | 26 | 53 | 0.0 | 468.0 |
| Max | 61105.37 | 0.557 | 3218 | 292 | 229 | 66 | 98 | 0.0 | 488.0 |
| Mn | 61104.33 | 0.033 | 3043 | 254 | 182 | 44 | 74 | 0.0 | 479.0 |

**********

Statistics for H002 0 FLT 42 Day 298

**********

Start Time 17:37:32 Start East 599709 Start Nrth 5401309
End Time 17:39:41 End East 599718 End Nrth 5401333

Elaps Time 00:02:09 Line Length = 0.026 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61103.58 | 0.000 | 996 | 109 | 14 | 20 | 57 | 0.0 | 456.0 |
| Max | 61104.86 | 0.264 | 1202 | 176 | 39 | 55 | 94 | 0.0 | 509.0 |
| Mn | 61104.34 | 0.026 | 1086 | 140 | 25 | 35 | 74 | 0.0 | 478.8 |

**********

Statistics for G001 0 FLT 43 Day 299

**********

Start Time 08:33:04 Start East 599748 Start Nrth 5401308
End Time 08:35:02 End East 599776 End Nrth 5401335

Elaps Time 00:01:58 Line Length = 0.039 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61820.74 | 0.000 | 943 | 96 | 10 | 18 | 46 | 0.0 | 455.0 |
| Max | 61823.37 | 0.416 | 1125 | 170 | 35 | 49 | 93 | 0.0 | 512.0 |
| Mn | 61821.95 | 0.044 | 1043 | 136 | 23 | 34 | 71 | 0.0 | 482.6 |

**********

Statistics for G001 0 FLT 43 Day 299

**********

Start Time 08:35:49 Start East 599705 Start Nrth 5401215
End Time 08:38:13 End East 599771 End Nrth 5401337

Elaps Time 00:02:24 Line Length = 0.139 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61818.94 | 0.000 | 1541 | 113 | 18 | 61 | 51 | 0.0 | 422.0 |
| Max | 61821.34 | 0.299 | 1776 | 189 | 53 | 103 | 94 | 0.0 | 535.0 |
| Mn | 61819.82 | 0.037 | 1628 | 152 | 34 | 81 | 72 | 0.0 | 478.4 |

**********

Statistics for G001 0 FLT 43 Day 299

**********

Start Time 08:39:05 Start East 599706 Start Nrth 5401236
End Time 08:40:49 End East 599733 End Nrth 5401309

Elaps Time 00:01:44 Line Length = 0.078 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61819.69 | 0.000 | 2901 | 216 | 154 | 27 | 49 | 0.0 | 474.0 |
| Max | 61821.16 | 0.247 | 3191 | 301 | 227 | 66 | 91 | 0.0 | 554.0 |
| Mn | 61820.36 | 0.040 | 3038 | 256 | 185 | 43 | 71 | 0.0 | 511.6 |

**********

Statistics for G001 0 FLT 43 Day 299

**********

Start Time 08:41:27 Start East 599722 Start Nrth 5401307
End Time 08:42:51 End East 599723 End Nrth 5401325

Elaps Time 00:01:24 Line Length = 0.018 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61820.47 | 0.000 | 975 | 104 | 15 | 20 | 49 | 0.0 | 499.0 |
| Max | 61821.46 | 0.136 | 1121 | 172 | 39 | 53 | 88 | 0.0 | 517.8 |
| Mn | 61820.79 | 0.026 | 1046 | 137 | 23 | 34 | 70 | 0.0 | 508.6 |

**********
Statistics for C001 0 FLT 43 Day 299
**********

Start Time 09:02:08 Start East 603520 Start Nrth 5401860
End Time 09:04:01 End East 606128 End Nrth 5405632

Elaps Time 00:01:53 Line Length = 4.586 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61654.60 | 0.000 | 74 | 7 | 1 | 0 | 41 | 153.0 | 59.0 |
| Max | 61675.66 | 0.107 | 1261 | 199 | 30 | 42 | 86 | 258.0 | 128.2 |
| Mn | 61666.52 | 0.023 | 697 | 93 | 14 | 20 | 62 | 216.1 | 78.7 |

**********
Statistics for Y001 0 FLT 43 Day 299
**********

Start Time 09:04:18 Start East 606339 Start Nrth 5406295
End Time 09:05:32 End East 606644 End Nrth 5409336

Elaps Time 00:01:14 Line Length = 3.056 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61641.91 | 0.000 | 63 | 5 | 0 | 0 | 43 | 234.4 | 72.0 |
| Max | 61662.59 | 0.105 | 113 | 21 | 7 | 9 | 80 | 327.0 | 102.0 |
| Mn | 61652.65 | 0.022 | 86 | 11 | 2 | 2 | 61 | 276.0 | 85.7 |

**********
Statistics for Cal 2 FLT 44 Day 299
**********

Start Time 17:21:18 Start East 603516 Start Nrth 5401875
End Time 17:23:11 End East 606088 End Nrth 5405452

Elaps Time 00:01:53 Line Length = 4.406 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61684.31 | 0.000 | 79 | 7 | 1 | 2 | 42 | 188.0 | 57.0 |
| Max | 61702.74 | 0.081 | 1192 | 184 | 35 | 52 | 84 | 239.0 | 120.8 |
| Mn | 61695.09 | 0.020 | 734 | 96 | 15 | 21 | 60 | 217.9 | 79.9 |

**********

Statistics for Z002 0 FLT 44 Day 299

**********

Start Time 17:23:22 Start East 606269 Start Nrth 5405806
End Time 17:24:46 End East 606572 End Nrth 5409311

Elaps Time 00:01:24 Line Length = 3.518 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61671.39 | 0.000 | 66 | 1 | 0 | 0 | 40 | 180.0 | 50.0 |
| Max | 61695.12 | 0.078 | 118 | 21 | 8 | 10 | 77 | 256.4 | 76.8 |
| Mn | 61683.66 | 0.019 | 93 | 12 | 3 | 3 | 60 | 219.4 | 63.7 |

**********

Statistics for H002 0 FLT 44 Day 299

**********

Start Time 17:30:10 Start East 599703 Start Nrth 5401309
End Time 17:31:57 End East 599707 End Nrth 5401316

Elaps Time 00:01:47 Line Length = 0.008 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 8.47 | 0.000 | 1022 | 120 | 14 | 19 | 46 | 0.0 | 492.0 |
| Max | 99999.00 | %97800.180 | 1165 | 177 | 37 | 54 | 108 | 0.0 | 504.0 |
| Mn | 67621.16 | 6824.153 | 1094 | 146 | 23 | 35 | 73 | 0.0 | 498.1 |

**********

Statistics for H002 0 FLT 44 Day 299

**********

Start Time 17:34:14 Start East 599701 Start Nrth 5401310
End Time 17:38:04 End East 599709 End Nrth 5401322

Elaps Time 00:03:50 Line Length = 0.014 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 0.51 | 0.000 | 1541 | 123 | 17 | 58 | 48 | 0.0 | 486.0 |
| Max | 99999.00 | %95740.281 | 1784 | 202 | 53 | 105 | 109 | 0.0 | 509.0 |
| Mn | 66824.13 | 5999.878 | 1668 | 160 | 33 | 81 | 73 | 0.0 | 498.8 |

**********

Statistics for H002 0 FLT 44 Day 299

**********

Start Time 17:38:54 Start East 599700 Start Nrth 5401308
End Time 17:41:12 End East 599705 End Nrth 5401315

Elaps Time 00:02:18 Line Length = 0.009 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 0.75 | 0.000 | 2850 | 203 | 141 | 28 | 50 | 0.0 | 493.0 |
| Max | 99999.00 | %91433.094 | 3113 | 295 | 236 | 65 | 125 | 0.0 | 503.0 |
| Mn | 66976.62 | 6042.870 | 2980 | 258 | 174 | 44 | 74 | 0.0 | 498.2 |

**********

Statistics for H002 0 FLT 44 Day 299

**********

Start Time 17:41:59 Start East 599700 Start Nrth 5401306
End Time 17:44:59 End East 599707 End Nrth 5401319

Elaps Time 00:03:00 Line Length = 0.015 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 0.52 | 0.000 | 1000 | 105 | 9 | 20 | 49 | 0.0 | 488.0 |
| Max | 99999.00 | %96500.430 | 1205 | 179 | 40 | 53 | 112 | 0.0 | 514.0 |
| Mn | 66739.87 | 5986.535 | 1092 | 144 | 23 | 35 | 72 | 0.0 | 497.9 |

**********

Statistics for G001 0 FLT 45 Day 300

**********

Start Time 10:03:47 Start East 599695 Start Nrth 5401337
End Time 10:06:00 End East 599707 End Nrth 5401366

Elaps Time 00:02:13 Line Length = 0.031 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61634.17 | 0.000 | 961 | 115 | 11 | 23 | 49 | 0.0 | 481.0 |
| Max | 61635.23 | 0.083 | 1145 | 180 | 38 | 47 | 96 | 0.0 | 490.0 |
| Mn | 61634.81 | 0.019 | 1068 | 142 | 22 | 34 | 69 | 0.0 | 485.6 |

**********

Statistics for G001 0 FLT 45 Day 300

**********

Start Time 10:06:46 Start East 599701 Start Nrth 5401302
End Time 10:09:19 End East 599710 End Nrth 5401321

Elaps Time 00:02:33 Line Length = 0.021 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61634.52 | 0.000 | 1482 | 120 | 19 | 50 | 48 | 0.0 | 452.0 |
| Max | 61635.52 | 0.081 | 1713 | 188 | 47 | 102 | 94 | 0.0 | 473.0 |
| Mn | 61634.91 | 0.017 | 1613 | 154 | 33 | 77 | 70 | 0.0 | 459.9 |

**********

Statistics for G001 0 FLT 45 Day 300

**********

Start Time 10:13:57 Start East 599690 Start Nrth 5401307
End Time 10:16:02 End East 599701 End Nrth 5401328

Elaps Time 00:02:05 Line Length = 0.024 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61633.82 | 0.000 | 2730 | 202 | 145 | 27 | 48 | 0.0 | 500.2 |
| Max | 61636.09 | 0.087 | 3060 | 289 | 215 | 57 | 99 | 0.0 | 536.0 |
| Mn | 61635.29 | 0.018 | 2887 | 252 | 171 | 42 | 69 | 0.0 | 520.5 |

**********

Statistics for G001 0 FLT 45 Day 300

**********

Start Time 10:17:12 Start East 599681 Start Nrth 5401319
End Time 10:19:35 End East 599689 End Nrth 5401327

Elaps Time 00:02:23 Line Length = 0.011 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61631.92 | 0.000 | 959 | 109 | 12 | 20 | 51 | 0.0 | 561.2 |
| Max | 61633.98 | 0.139 | 1153 | 191 | 40 | 56 | 96 | 0.0 | 591.0 |
| Mn | 61632.93 | 0.018 | 1075 | 144 | 23 | 35 | 70 | 0.0 | 580.3 |

**********

Statistics for C001 0 FLT 45 Day 300

**********

Start Time 10:25:28 Start East 603611 Start Nrth 5401999
End Time 10:27:37 End East 606078 End Nrth 5405374

Elaps Time 00:02:09 Line Length = 4.181 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61678.81 | 0.000 | 73 | 9 | 1 | 1 | 39 | 167.0 | 53.0 |
| Max | 61697.54 | 0.116 | 1200 | 190 | 28 | 49 | 76 | 242.0 | 111.0 |
| Mn | 61689.44 | 0.025 | 755 | 100 | 14 | 22 | 59 | 200.5 | 73.1 |

**********

Statistics for Y001 0 FLT 45 Day 300

**********

Start Time 10:27:52 Start East 606207 Start Nrth 5405852
End Time 10:29:26 End East 606507 End Nrth 5409081

Elaps Time 00:01:34 Line Length = 3.243 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61664.10 | 0.000 | 65 | 5 | 0 | 0 | 42 | 237.8 | 72.2 |
| Max | 61689.31 | 0.086 | 112 | 18 | 6 | 8 | 80 | 303.0 | 91.0 |
| Mn | 61677.29 | 0.018 | 85 | 11 | 2 | 2 | 59 | 274.8 | 82.2 |

**********

Statistics for Cal 2 FLT 47 Day 300

**********

Start Time 17:25:21 Start East 603530 Start Nrth 5401876
End Time 17:27:39 End East 606093 End Nrth 5405311

Elaps Time 00:02:18 Line Length = 4.286 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61712.03 | 0.000 | 82 | 9 | 1 | 0 | 43 | 143.0 | 44.0 |
| Max | 61732.81 | 0.178 | 1280 | 209 | 34 | 57 | 79 | 245.0 | 130.4 |
| Mn | 61723.69 | 0.034 | 791 | 106 | 16 | 22 | 60 | 196.1 | 69.4 |

**********

Statistics for Z002 0 FLT 47 Day 300

**********

Start Time 17:27:54 Start East 606230 Start Nrth 5405704
End Time 17:29:53 End East 606534 End Nrth 5409073

Elaps Time 00:01:59 Line Length = 3.383 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61701.95 | 0.000 | 71 | 3 | 0 | 0 | 46 | 212.0 | 63.0 |
| Max | 61723.98 | 0.105 | 126 | 20 | 9 | 9 | 77 | 246.0 | 71.0 |
| Mn | 61713.75 | 0.022 | 95 | 11 | 3 | 3 | 59 | 229.6 | 66.5 |

**********

Statistics for H002 0 FLT 47 Day 300

**********

Start Time 17:38:26 Start East 599691 Start Nrth 5401250
End Time 17:40:44 End East 599715 End Nrth 5401311

Elaps Time 00:02:18 Line Length = 0.066 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 2.62 | 0.000 | 1000 | 113 | 12 | 20 | 49 | 0.0 | 502.0 |
| Max | 99999.00 | %98498.977 | 1166 | 171 | 40 | 51 | 144 | 0.0 | 639.0 |
| Mn | 64149.07 | 6516.764 | 1080 | 139 | 24 | 37 | 77 | 0.0 | 566.0 |

**********

Statistics for H002 0 FLT 47 Day 300

**********

Start Time 17:42:13 Start East 599709 Start Nrth 5401298
End Time 17:45:19 End East 599713 End Nrth 5401318

Elaps Time 00:03:06 Line Length = 0.020 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61533.04 | 0.000 | 1581 | 122 | 19 | 59 | 46 | 0.0 | 502.0 |
| Max | 61536.86 | 0.376 | 1822 | 192 | 57 | 110 | 93 | 0.0 | 537.0 |
| Mn | 61535.54 | 0.020 | 1690 | 156 | 35 | 83 | 70 | 0.0 | 520.6 |

**********
Statistics for H002 0 FLT 47 Day 300
**********

Start Time 17:46:56 Start East 599707 Start Nrth 5401295
End Time 17:49:13 End East 599714 End Nrth 5401309

Elaps Time 00:02:17 Line Length = 0.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61537.88 | 0.000 | 2947 | 215 | 146 | 26 | 49 | 0.0 | 515.0 |
| Max | 61539.53 | 0.104 | 3217 | 313 | 225 | 74 | 95 | 0.0 | 555.0 |
| Mn | 61538.76 | 0.019 | 3074 | 258 | 187 | 44 | 72 | 0.0 | 522.2 |

**********
Statistics for H002 0 FLT 47 Day 300
**********

Start Time 17:50:47 Start East 599707 Start Nrth 5401295
End Time 17:53:15 End East 599712 End Nrth 5401299

Elaps Time 00:02:28 Line Length = 0.006 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61540.24 | 0.000 | 1002 | 119 | 8 | 21 | 51 | 0.0 | 542.0 |
| Max | 61540.99 | 0.108 | 1139 | 178 | 41 | 58 | 99 | 0.0 | 562.0 |
| Mn | 61540.55 | 0.018 | 1079 | 142 | 23 | 35 | 69 | 0.0 | 548.0 |

**********
Statistics for G001 0 FLT 48 Day 301
**********

Start Time 13:30:59 Start East 0 Start Nrth 0
End Time 13:32:46 End East 599768 End Nrth 5401212

Elaps Time 00:01:47 Line Length = %5434.410 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61440.01 | 0.000 | 957 | 105 | 13 | 18 | 45 | 0.0 | 0.0 |
| Max | 61441.18 | 0.074 | 1142 | 173 | 40 | 54 | 98 | 0.0 | 566.0 |
| Mn | 61440.53 | 0.020 | 1047 | 137 | 23 | 34 | 72 | 0.0 | 312.7 |

**********

Statistics for G001 0 FLT 48 Day 301

**********

Start Time 13:34:26 Start East 599706 Start Nrth 5401312
End Time 13:36:10 End East 599711 End Nrth 5401316

Elaps Time 00:01:44 Line Length = 0.006 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61440.32 | 0.000 | 1573 | 124 | 24 | 67 | 55 | 0.0 | 495.0 |
| Max | 61441.95 | 0.075 | 1825 | 196 | 50 | 118 | 93 | 0.0 | 505.0 |
| Mn | 61441.13 | 0.020 | 1706 | 157 | 36 | 85 | 74 | 0.0 | 500.7 |

**********

Statistics for G001 0 FLT 48 Day 301

**********

Start Time 13:37:05 Start East 599704 Start Nrth 5401305
End Time 13:39:02 End East 599709 End Nrth 5401316

Elaps Time 00:01:57 Line Length = 0.012 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61442.57 | 0.000 | 2946 | 224 | 157 | 27 | 57 | 0.0 | 495.0 |
| Max | 61443.75 | 0.081 | 3256 | 317 | 229 | 61 | 93 | 0.0 | 517.0 |
| Mn | 61443.17 | 0.020 | 3114 | 260 | 188 | 44 | 74 | 0.0 | 502.7 |

**********

Statistics for G001 0 FLT 48 Day 301

**********

Start Time 13:40:02 Start East 599702 Start Nrth 5401290
End Time 13:42:01 End East 599707 End Nrth 5401328

Elaps Time 00:01:59 Line Length = 0.038 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61442.90 | 0.000 | 1011 | 107 | 13 | 24 | 54 | 0.0 | 478.0 |
| Max | 61444.14 | 0.088 | 1174 | 169 | 38 | 55 | 99 | 0.0 | 544.0 |
| Mn | 61443.50 | 0.021 | 1082 | 141 | 24 | 35 | 73 | 0.0 | 500.8 |

**********

Statistics for C001 0 FLT 48 Day 301

**********

Start Time 13:59:00 Start East 603545 Start Nrth 5401900
End Time 14:01:14 End East 606027 End Nrth 5405381

Elaps Time 00:02:14 Line Length = 4.275 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61671.92 | 0.000 | 102 | 6 | 1 | 1 | 45 | 160.0 | 57.0 |
| Max | 61693.31 | 0.232 | 1274 | 200 | 31 | 54 | 77 | 230.0 | 107.8 |
| Mn | 61685.17 | 0.036 | 776 | 102 | 16 | 22 | 61 | 198.0 | 73.9 |

**********

Statistics for Y001 0 FLT 48 Day 301

**********

Start Time 14:01:35 Start East 606159 Start Nrth 5406004
End Time 14:03:19 End East 606347 End Nrth 5409234

Elaps Time 00:01:44 Line Length = 3.235 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61662.63 | 0.000 | 77 | 4 | 0 | 0 | 38 | 231.0 | 71.0 |
| Max | 61685.75 | 0.109 | 133 | 21 | 12 | 10 | 92 | 284.0 | 86.0 |
| Mn | 61674.68 | 0.026 | 104 | 12 | 3 | 2 | 61 | 257.2 | 78.5 |

**********

Statistics for Cal 2 FLT 48 Day 301

**********

Start Time 17:44:39 Start East 603618 Start Nrth 5402030
End Time 17:46:52 End East 606163 End Nrth 5405472

Elaps Time 00:02:13 Line Length = 4.281 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61682.47 | 0.000 | 113 | 7 | 2 | 1 | 44 | 161.0 | 52.0 |
| Max | 61701.17 | 0.239 | 1288 | 201 | 37 | 46 | 86 | 244.0 | 106.6 |
| Mn | 61693.26 | 0.028 | 763 | 100 | 17 | 21 | 63 | 202.3 | 68.6 |

**********

Statistics for Z002 0 FLT 48 Day 301

**********

Start Time 17:47:01 Start East 606185 Start Nrth 5405727
End Time 17:48:55 End East 606423 End Nrth 5409121

Elaps Time 00:01:54 Line Length = 3.402 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61669.73 | 0.000 | 86 | 3 | 0 | 0 | 41 | 217.0 | 64.0 |
| Max | 61693.31 | 0.100 | 149 | 26 | 12 | 9 | 85 | 265.0 | 77.0 |
| Mn | 61682.88 | 0.020 | 118 | 12 | 5 | 2 | 62 | 242.9 | 70.7 |

**********

Statistics for H002 0 FLT 48 Day 301

**********

Start Time 17:54:27 Start East 599708 Start Nrth 5401311
End Time 17:56:11 End East 599712 End Nrth 5401328

Elaps Time 00:01:44 Line Length = 0.017 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62275.22 | 0.000 | 1011 | 118 | 13 | 25 | 53 | 0.0 | 462.2 |
| Max | 62280.95 | 5.066 | 1192 | 171 | 39 | 54 | 110 | 0.0 | 525.0 |
| Mn | 62280.07 | 0.193 | 1100 | 144 | 25 | 35 | 75 | 0.0 | 502.6 |

**********

Statistics for H002 0 FLT 48 Day 301

**********

Start Time 17:58:18 Start East 599704 Start Nrth 5401294
End Time 18:02:02 End East 599716 End Nrth 5401332

Elaps Time 00:03:44 Line Length = 0.040 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61189.40 | 0.000 | 1558 | 125 | 21 | 51 | 44 | 0.0 | 423.0 |
| Max | 62742.39 | 232.044 | 1800 | 193 | 56 | 103 | 102 | 0.0 | 591.0 |
| Mn | 62209.23 | 2.172 | 1668 | 157 | 35 | 80 | 73 | 0.0 | 498.7 |

**********

Statistics for H002 0 FLT 48 Day 301

**********

Start Time 18:02:55 Start East 599706 Start Nrth 5401311
End Time 18:04:55 End East 599714 End Nrth 5401319

Elaps Time 00:02:00 Line Length = 0.011 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61644.20 | 0.000 | 2813 | 203 | 146 | 25 | 59 | 0.0 | 480.2 |
| Max | 61651.11 | 6.378 | 3150 | 312 | 215 | 62 | 94 | 0.0 | 525.0 |
| Mn | 61646.68 | 0.142 | 2960 | 253 | 178 | 44 | 73 | 0.0 | 511.3 |

**********

Statistics for H002 0 FLT 48 Day 301

**********

Start Time 18:06:18 Start East 599694 Start Nrth 5401313
End Time 18:09:06 End East 599709 End Nrth 5401327

Elaps Time 00:02:48 Line Length = 0.021 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61647.31 | 0.000 | 1015 | 110 | 12 | 21 | 44 | 0.0 | 418.0 |
| Max | 61651.64 | 0.251 | 1215 | 179 | 41 | 55 | 95 | 0.0 | 500.0 |
| Mn | 61649.11 | 0.056 | 1097 | 142 | 26 | 35 | 73 | 0.0 | 447.1 |

**********

Statistics for G001 0 FLT 49 Day 302

**********

Start Time 08:32:04 Start East 599681 Start Nrth 5401304
End Time 08:35:02 End East 599706 End Nrth 5401321

Elaps Time 00:02:58 Line Length = 0.030 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61512.17 | 0.000 | 971 | 112 | 10 | 22 | 53 | 0.0 | 508.0 |
| Max | 61515.24 | 0.792 | 1159 | 173 | 37 | 59 | 95 | 0.0 | 550.0 |
| Mn | 61513.32 | 0.079 | 1050 | 140 | 23 | 34 | 74 | 0.0 | 533.5 |

**********

Statistics for G001 0 FLT 49 Day 302

**********

Start Time 08:35:59 Start East 599695 Start Nrth 5401329
End Time 08:38:08 End East 599704 End Nrth 5401360

Elaps Time 00:02:09 Line Length = 0.032 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61511.96 | 0.000 | 1290 | 122 | 18 | 49 | 57 | 0.0 | 506.0 |
| Max | 61514.39 | 0.366 | 1738 | 186 | 46 | 98 | 97 | 0.0 | 534.0 |
| Mn | 61513.47 | 0.055 | 1606 | 153 | 33 | 77 | 73 | 0.0 | 512.5 |

**********

Statistics for G001 0 FLT 49 Day 302

**********

Start Time 08:39:04 Start East 599690 Start Nrth 5401324
End Time 08:40:58 End East 599700 End Nrth 5401348

Elaps Time 00:01:54 Line Length = 0.026 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61511.98 | 0.000 | 2678 | 205 | 140 | 25 | 54 | 0.0 | 500.0 |
| Max | 61513.81 | 0.497 | 3001 | 280 | 203 | 62 | 98 | 0.0 | 522.0 |
| Mn | 61512.97 | 0.051 | 2871 | 244 | 173 | 41 | 74 | 0.0 | 508.7 |

**********

Statistics for G001 0 FLT 49 Day 302

**********

Start Time 08:42:00 Start East 599678 Start Nrth 5401315
End Time 08:43:59 End East 599688 End Nrth 5401333

Elaps Time 00:01:59 Line Length = 0.021 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61512.65 | 0.000 | 954 | 112 | 9 | 19 | 51 | 0.0 | 447.0 |
| Max | 61515.24 | 0.325 | 1149 | 180 | 40 | 51 | 102 | 0.0 | 474.8 |
| Mn | 61513.88 | 0.056 | 1057 | 141 | 23 | 34 | 73 | 0.0 | 455.2 |

**********

Statistics for C001 0 FLT 49 Day 302

**********

Start Time 09:28:22 Start East 603513 Start Nrth 5401863
End Time 09:30:06 End East 606164 End Nrth 5405586

Elaps Time 00:01:44 Line Length = 4.570 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61681.75 | 0.000 | 75 | 6 | 0 | 1 | 45 | 186.0 | 57.0 |
| Max | 61699.06 | 0.104 | 1158 | 161 | 31 | 46 | 84 | 280.0 | 129.8 |
| Mn | 61692.05 | 0.026 | 668 | 86 | 13 | 19 | 62 | 237.5 | 86.1 |

**********

Statistics for Y001 0 FLT 49 Day 302

**********

Start Time 09:30:14 Start East 606282 Start Nrth 5405991
End Time 09:31:43 End East 606681 End Nrth 5409889

Elaps Time 00:01:29 Line Length = 3.918 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61664.12 | 0.000 | 67 | 4 | 0 | 0 | 46 | 252.0 | 77.0 |
| Max | 61691.61 | 0.131 | 112 | 20 | 9 | 8 | 80 | 283.0 | 85.0 |
| Mn | 61677.70 | 0.029 | 91 | 11 | 3 | 3 | 61 | 265.2 | 81.2 |

**********

Statistics for Cal 2 FLT 49 Day 302

**********

Start Time 12:43:39 Start East 603622 Start Nrth 5402003
End Time 12:45:12 End East 606064 End Nrth 5405540

Elaps Time 00:01:33 Line Length = 4.298 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61667.74 | 0.000 | 85 | 9 | 0 | 1 | 41 | 184.0 | 60.0 |
| Max | 61683.51 | 0.155 | 1117 | 176 | 28 | 48 | 78 | 299.0 | 125.2 |
| Mn | 61677.62 | 0.027 | 686 | 90 | 13 | 19 | 62 | 234.6 | 82.7 |

**********

Statistics for Z002 0 FLT 49 Day 302

**********

Start Time 12:45:27 Start East 606369 Start Nrth 5406255
End Time 12:46:36 End East 607050 End Nrth 5409493

Elaps Time 00:01:09 Line Length = 3.309 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61652.49 | 0.000 | 69 | 5 | 0 | 0 | 42 | 242.0 | 70.0 |
| Max | 61674.92 | 0.174 | 118 | 21 | 10 | 8 | 87 | 310.0 | 86.0 |
| Mn | 61664.59 | 0.029 | 91 | 11 | 3 | 3 | 61 | 282.1 | 80.4 |

**********

Statistics for H002 0 FLT 49 Day 302

**********

Start Time 12:53:44 Start East 599701 Start Nrth 5401311
End Time 12:56:03 End East 599718 End Nrth 5401360

Elaps Time 00:02:19 Line Length = 0.052 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60669.37 | 0.000 | 971 | 115 | 10 | 22 | 51 | 0.0 | 474.0 |
| Max | 62507.77 | 48.649 | 1179 | 182 | 43 | 51 | 93 | 0.0 | 505.0 |
| Mn | 61725.18 | 0.672 | 1079 | 144 | 22 | 34 | 71 | 0.0 | 492.3 |

**********

Statistics for H002 0 FLT 49 Day 302

**********

Start Time 12:57:40 Start East 599696 Start Nrth 5401324
End Time 12:59:44 End East 599712 End Nrth 5401330

Elaps Time 00:02:04 Line Length = 0.017 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61667.21 | 0.000 | 1568 | 132 | 21 | 58 | 47 | 0.0 | 446.0 |
| Max | 61670.25 | 0.162 | 1780 | 191 | 50 | 114 | 95 | 0.0 | 464.0 |
| Mn | 61668.77 | 0.028 | 1690 | 162 | 34 | 82 | 72 | 0.0 | 452.8 |

**********

Statistics for H002 0 FLT 49 Day 302

**********

Start Time 13:00:31 Start East 599695 Start Nrth 5401313
End Time 13:02:30 End East 599713 End Nrth 5401330

Elaps Time 00:01:59 Line Length = 0.025 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 12189.87 | 0.000 | 2916 | 225 | 153 | 26 | 47 | 0.0 | 471.0 |
| Max | 99999.00 | %47359.922 | 3225 | 301 | 218 | 59 | 101 | 0.0 | 481.0 |
| Mn | 62284.84 | 253.530 | 3060 | 261 | 184 | 42 | 74 | 0.0 | 477.8 |

**********

Statistics for H002 0 FLT 49 Day 302

**********

Start Time 13:03:11 Start East 599695 Start Nrth 5401305
End Time 13:07:10 End East 599733 End Nrth 5401316

Elaps Time 00:03:59 Line Length = 0.040 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61592.93 | 0.000 | 967 | 113 | 7 | 21 | 55 | 0.0 | 467.0 |
| Max | 61595.64 | 0.347 | 1177 | 182 | 40 | 57 | 102 | 0.0 | 534.0 |
| Mn | 61594.32 | 0.066 | 1083 | 144 | 23 | 35 | 72 | 0.0 | 502.9 |

**********

Statistics for G001 0 FLT 50 Day 303

**********

Start Time 09:00:21 Start East 599701 Start Nrth 5401332
End Time 09:02:09 End East 599705 End Nrth 5401349

Elaps Time 00:01:48 Line Length = 0.017 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61699.81 | 0.000 | 1004 | 115 | 13 | 20 | 49 | 0.0 | 451.0 |
| Max | 61700.85 | 0.071 | 1188 | 176 | 39 | 51 | 88 | 0.0 | 495.0 |
| Mn | 61700.27 | 0.018 | 1095 | 144 | 24 | 34 | 68 | 0.0 | 468.1 |

# APPENDIX 6

## DATA STATISTICS

## Ground Calibration and Test Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Fingal |
| Area: | 1 |
| Flight: | 50 - 65 |

**********

Statistics for G001 0 FLT 50 Day 303

**********

Start Time 09:03:15 Start East 599695 Start Nrth 5401306
End Time 09:05:09 End East 599702 End Nrth 5401323

Elaps Time 00:01:54 Line Length = 0.018 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61700.98 | 0.000 | 1524 | 118 | 21 | 53 | 50 | 0.0 | 468.0 |
| Max | 61702.12 | 0.069 | 1845 | 196 | 50 | 103 | 95 | 0.0 | 543.0 |
| Mn | 61701.50 | 0.017 | 1684 | 159 | 34 | 83 | 69 | 0.0 | 506.5 |

**********

Statistics for G001 0 FLT 50 Day 303

**********

Start Time 09:06:06 Start East 599711 Start Nrth 5401272
End Time 09:08:00 End East 599714 End Nrth 5401289

Elaps Time 00:01:54 Line Length = 0.017 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61702.20 | 0.000 | 2926 | 222 | 147 | 26 | 49 | 0.0 | 531.0 |
| Max | 61702.74 | 0.074 | 3220 | 314 | 224 | 60 | 102 | 0.0 | 552.0 |
| Mn | 61702.49 | 0.019 | 3074 | 263 | 187 | 43 | 71 | 0.0 | 540.0 |

**********

Statistics for G001 0 FLT 50 Day 303

**********

Start Time 09:09:07 Start East 599695 Start Nrth 5401240
End Time 09:16:01 End East 599709 End Nrth 5401301

Elaps Time 00:06:54 Line Length = 0.063 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61701.33 | 0.000 | 991 | 112 | 10 | 19 | 47 | 0.0 | 482.0 |
| Max | 61702.85 | 0.077 | 1181 | 184 | 39 | 64 | 96 | 0.0 | 537.0 |
| Mn | 61702.12 | 0.019 | 1080 | 143 | 24 | 34 | 69 | 0.0 | 514.3 |

**********

Statistics for C001 0 FLT 50 Day 303

**********

Start Time 09:38:02 Start East 603529 Start Nrth 5401857
End Time 09:40:35 End East 606092 End Nrth 5405621

Elaps Time 00:02:33 Line Length = 4.554 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61685.68 | 0.000 | 88 | 5 | 0 | 0 | 42 | 170.0 | 73.0 |
| Max | 61705.83 | 0.100 | 1175 | 171 | 31 | 48 | 82 | 272.0 | 127.0 |
| Mn | 61696.86 | 0.019 | 680 | 86 | 14 | 20 | 60 | 244.8 | 87.9 |

**********

Statistics for Y001 0 FLT 50 Day 303

**********

Start Time 09:40:54 Start East 606188 Start Nrth 5406171
End Time 09:42:28 End East 606352 End Nrth 5409213

Elaps Time 00:01:34 Line Length = 3.046 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61672.21 | 0.000 | 76 | 4 | 0 | 0 | 42 | 226.0 | 68.0 |
| Max | 61694.81 | 0.061 | 135 | 27 | 11 | 8 | 77 | 281.0 | 85.0 |
| Mn | 61684.95 | 0.019 | 105 | 12 | 4 | 2 | 61 | 259.9 | 78.8 |

**********

Statistics for Cal 2 FLT 51 Day 303

**********

Start Time 17:34:34 Start East 603498 Start Nrth 5401812
End Time 17:36:32 End East 605990 End Nrth 5405358

Elaps Time 00:01:58 Line Length = 4.334 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61678.03 | 0.000 | 102 | 10 | 2 | 1 | 44 | 203.0 | 58.0 |
| Max | 61696.27 | 0.096 | 1202 | 181 | 34 | 47 | 84 | 279.0 | 119.8 |
| Mn | 61687.86 | 0.020 | 748 | 95 | 16 | 21 | 59 | 241.9 | 79.2 |

**********

Statistics for H002 0 FLT 51 Day 303

**********

Start Time 17:44:49 Start East 599702 Start Nrth 5401299
End Time 17:46:53 End East 599706 End Nrth 5401310

Elaps Time 00:02:04 Line Length = 0.012 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62929.47 | 0.000 | 1015 | 115 | 14 | 20 | 50 | 0.0 | 502.2 |
| Max | 62930.73 | 0.178 | 1150 | 175 | 38 | 51 | 89 | 0.0 | 549.0 |
| Mn | 62930.40 | 0.028 | 1082 | 140 | 25 | 36 | 69 | 0.0 | 524.7 |

**********

Statistics for H002 0 FLT 51 Day 303

**********

Start Time 17:48:50 Start East 599700 Start Nrth 5401292
End Time 17:54:04 End East 599707 End Nrth 5401315

Elaps Time 00:05:14 Line Length = 0.024 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61356.27 | 0.000 | 1553 | 122 | 19 | 62 | 46 | 0.0 | 488.0 |
| Max | 63336.99 | 173.567 | 1818 | 190 | 56 | 116 | 97 | 0.0 | 568.8 |
| Mn | 61535.67 | 0.627 | 1685 | 155 | 36 | 84 | 68 | 0.0 | 515.9 |

**********

Statistics for H002 0 FLT 51 Day 303

**********

Start Time 17:54:46 Start East 599700 Start Nrth 5401305
End Time 17:57:20 End East 599706 End Nrth 5401313

Elaps Time 00:02:34 Line Length = 0.010 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61496.12 | 0.000 | 2916 | 211 | 155 | 24 | 46 | 0.0 | 492.0 |
| Max | 61496.69 | 0.120 | 3230 | 292 | 221 | 69 | 87 | 0.0 | 525.0 |
| Mn | 61496.38 | 0.022 | 3050 | 254 | 185 | 43 | 69 | 0.0 | 501.6 |

**********

Statistics for H002 0 FLT 51 Day 303

**********

Start Time 17:58:18 Start East 599710 Start Nrth 5401297
End Time 18:00:27 End East 599715 End Nrth 5401303

Elaps Time 00:02:09 Line Length = 0.008 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61496.71 | 0.000 | 946 | 102 | 13 | 19 | 47 | 0.0 | 548.2 |
| Max | 61497.15 | 0.099 | 1172 | 168 | 44 | 52 | 90 | 0.0 | 580.0 |
| Mn | 61497.05 | 0.023 | 1067 | 139 | 24 | 35 | 68 | 0.0 | 569.0 |

**********

Statistics for G001 0 FLT 52 Day 304

**********

Start Time 09:05:19 Start East 599720 Start Nrth 5401363
End Time 09:07:07 End East 599733 End Nrth 5401376

Elaps Time 00:01:48 Line Length = 0.018 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61602.52 | 0.000 | 921 | 105 | 13 | 21 | 47 | 0.0 | 458.0 |
| Max | 61603.14 | 0.074 | 1119 | 169 | 40 | 57 | 89 | 0.0 | 468.8 |
| Mn | 61602.76 | 0.021 | 1026 | 131 | 23 | 34 | 67 | 0.0 | 462.0 |

**********

Statistics for G001 0 FLT 52 Day 304

**********

Start Time 09:07:53 Start East 599718 Start Nrth 5401291
End Time 09:09:57 End East 599723 End Nrth 5401360

Elaps Time 00:02:04 Line Length = 0.069 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61603.18 | 0.000 | 1561 | 117 | 18 | 58 | 45 | 0.0 | 460.0 |
| Max | 61604.44 | 0.093 | 1761 | 184 | 50 | 109 | 95 | 0.0 | 523.0 |
| Mn | 61603.93 | 0.020 | 1649 | 153 | 34 | 84 | 69 | 0.0 | 489.5 |

**********

Statistics for G001 0 FLT 52 Day 304

**********

Start Time 09:10:44 Start East 599693 Start Nrth 5401296
End Time 09:15:03 End East 599714 End Nrth 5401331

Elaps Time 00:04:19 Line Length = 0.041 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 26267.88 | 0.000 | 2903 | 210 | 147 | 26 | 45 | 0.0 | 492.0 |
| Max | 99999.00 | %10859.853 | 3308 | 305 | 223 | 73 | 95 | 0.0 | 561.0 |
| Mn | 63147.81 | 89.612 | 3069 | 254 | 187 | 44 | 68 | 0.0 | 546.3 |

**********

Statistics for G001 0 FLT 52 Day 304

**********

Start Time 09:15:54 Start East 599704 Start Nrth 5401312
End Time 09:22:58 End East 599707 End Nrth 5401323

Elaps Time 00:07:04 Line Length = 0.011 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60408.83 | 0.000 | 948 | 100 | 9 | 19 | 47 | 0.0 | 496.0 |
| Max | 62810.83 | 358.564 | 1158 | 187 | 38 | 56 | 99 | 0.0 | 508.0 |
| Mn | 61806.74 | 0.647 | 1049 | 137 | 23 | 35 | 68 | 0.0 | 501.7 |

**********

Statistics for C001 0 FLT 52 Day 304

**********

Start Time 09:30:42 Start East 603513 Start Nrth 5401841
End Time 09:33:16 End East 606154 End Nrth 5405438

Elaps Time 00:02:34 Line Length = 4.462 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61678.96 | 0.000 | 75 | 6 | 1 | 0 | 40 | 195.0 | 69.0 |
| Max | 61699.73 | 0.124 | 1167 | 183 | 32 | 53 | 87 | 298.0 | 122.8 |
| Mn | 61689.05 | 0.020 | 670 | 86 | 14 | 20 | 58 | 252.2 | 87.8 |

**********

Statistics for Y001 0 FLT 52 Day 304

**********

Start Time 09:33:34 Start East 606112 Start Nrth 5405981
End Time 09:35:23 End East 606232 End Nrth 5409452

Elaps Time 00:01:49 Line Length = 3.473 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61662.65 | 0.000 | 71 | 3 | 0 | 0 | 39 | 269.0 | 81.0 |
| Max | 61687.12 | 0.075 | 124 | 23 | 11 | 8 | 79 | 316.0 | 96.0 |
| Mn | 61675.18 | 0.018 | 98 | 12 | 3 | 2 | 57 | 288.3 | 85.8 |

**********

Statistics for Cal 2 FLT 53 Day 304

**********

Start Time 17:23:27 Start East 603504 Start Nrth 5401834
End Time 17:26:00 End East 606153 End Nrth 5405648

Elaps Time 00:02:33 Line Length = 4.644 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61676.18 | 0.000 | 80 | 8 | 0 | 1 | 37 | 181.0 | 66.0 |
| Max | 61697.97 | 0.096 | 1218 | 176 | 27 | 50 | 73 | 251.0 | 112.0 |
| Mn | 61687.32 | 0.020 | 696 | 91 | 13 | 20 | 57 | 231.8 | 78.4 |

**********

Statistics for Z002 0 FLT 53 Day 304

**********

Start Time 17:26:09 Start East 606133 Start Nrth 5405936
End Time 17:27:58 End East 606218 End Nrth 5409447

Elaps Time 00:01:49 Line Length = 3.512 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61662.88 | 0.000 | 63 | 3 | 0 | 0 | 44 | 222.0 | 54.0 |
| Max | 61687.39 | 0.085 | 109 | 20 | 7 | 8 | 81 | 270.0 | 67.8 |
| Mn | 61675.43 | 0.019 | 85 | 12 | 2 | 2 | 58 | 247.3 | 60.3 |

**********

Statistics for H002 0 FLT 53 Day 304

**********

Start Time 17:34:09 Start East 599714 Start Nrth 5401334
End Time 17:37:58 End East 599719 End Nrth 5401361

Elaps Time 00:03:49 Line Length = 0.027 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61692.03 | 0.000 | 949 | 110 | 10 | 17 | 46 | 0.0 | 397.0 |
| Max | 61695.05 | 0.235 | 1141 | 172 | 44 | 53 | 91 | 0.0 | 476.0 |
| Mn | 61693.77 | 0.023 | 1058 | 140 | 23 | 35 | 68 | 0.0 | 422.9 |

**********

Statistics for H002 0 FLT 53 Day 304

**********

Start Time 17:38:42 Start East 599714 Start Nrth 5401308
End Time 17:40:51 End East 599717 End Nrth 5401330

Elaps Time 00:02:09 Line Length = 0.022 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61608.65 | 0.000 | 1575 | 123 | 20 | 66 | 45 | 0.0 | 485.2 |
| Max | 61768.26 | 26.283 | 1772 | 204 | 50 | 106 | 86 | 0.0 | 559.0 |
| Mn | 61694.29 | 0.338 | 1660 | 155 | 34 | 83 | 67 | 0.0 | 538.0 |

**********

Statistics for H002 0 FLT 53 Day 304

**********

Start Time 17:41:33 Start East 599711 Start Nrth 5401328
End Time 17:43:57 End East 599718 End Nrth 5401345

Elaps Time 00:02:24 Line Length = 0.018 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61691.14 | 0.000 | 2874 | 219 | 143 | 26 | 45 | 0.0 | 430.0 |
| Max | 61691.48 | 0.078 | 3215 | 295 | 239 | 64 | 87 | 0.0 | 497.8 |
| Mn | 61691.35 | 0.017 | 3030 | 257 | 181 | 43 | 68 | 0.0 | 451.7 |

**********

Statistics for H002 0 FLT 53 Day 304

**********

Start Time 17:44:56 Start East 599715 Start Nrth 5401316
End Time 17:47:10 End East 599721 End Nrth 5401327

Elaps Time 00:02:14 Line Length = 0.013 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61691.56 | 0.000 | 960 | 110 | 10 | 21 | 47 | 0.0 | 502.2 |
| Max | 61692.10 | 0.081 | 1142 | 176 | 39 | 55 | 86 | 0.0 | 538.0 |
| Mn | 61691.87 | 0.018 | 1052 | 139 | 23 | 36 | 67 | 0.0 | 526.6 |

**********

Statistics for G001 0 FLT 54 Day 305

**********

Start Time 09:04:37 Start East 599685 Start Nrth 5401338
End Time 09:07:20 End East 599701 End Nrth 5401369

Elaps Time 00:02:43 Line Length = 0.035 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61421.71 | 0.000 | 961 | 104 | 13 | 18 | 40 | 0.0 | 494.2 |
| Max | 61422.26 | 0.089 | 1134 | 182 | 39 | 54 | 100 | 0.0 | 565.0 |
| Mn | 61421.99 | 0.018 | 1053 | 137 | 23 | 35 | 69 | 0.0 | 524.1 |

**********

Statistics for G001 0 FLT 54 Day 305

**********

Start Time 09:08:07 Start East 599703 Start Nrth 5401368
End Time 09:09:56 End East 599706 End Nrth 5401374

Elaps Time 00:01:49 Line Length = 0.007 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61422.47 | 0.000 | 1504 | 126 | 18 | 58 | 49 | 0.0 | 525.0 |
| Max | 61423.03 | 0.075 | 1805 | 188 | 51 | 106 | 89 | 0.0 | 574.0 |
| Mn | 61422.70 | 0.018 | 1651 | 151 | 34 | 82 | 69 | 0.0 | 555.2 |

**********

Statistics for G001 0 FLT 54 Day 305

**********

Start Time 09:10:33 Start East 599676 Start Nrth 5401337
End Time 09:12:42 End East 599702 End Nrth 5401369

Elaps Time 00:02:09 Line Length = 0.041 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61422.87 | 0.000 | 2867 | 217 | 142 | 27 | 49 | 0.0 | 452.0 |
| Max | 61423.28 | 0.064 | 3216 | 293 | 234 | 59 | 98 | 0.0 | 499.0 |
| Mn | 61423.11 | 0.018 | 3053 | 255 | 185 | 43 | 70 | 0.0 | 467.7 |

**********

Statistics for G001 0 FLT 54 Day 305

**********

Start Time 09:13:37 Start East 599680 Start Nrth 5401313
End Time 09:15:56 End East 599712 End Nrth 5401325

Elaps Time 00:02:19 Line Length = 0.034 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61423.35 | 0.000 | 979 | 115 | 10 | 22 | 44 | 0.0 | 475.2 |
| Max | 61424.15 | 0.068 | 1113 | 170 | 35 | 53 | 88 | 0.0 | 546.0 |
| Mn | 61423.76 | 0.017 | 1044 | 138 | 22 | 34 | 68 | 0.0 | 517.0 |

**********

Statistics for C001 0 FLT 54 Day 305

**********

Start Time 09:36:29 Start East 603560 Start Nrth 5401895
End Time 09:39:03 End East 605969 End Nrth 5405282

Elaps Time 00:02:34 Line Length = 4.156 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61671.36 | 0.000 | 79 | 10 | 1 | 1 | 41 | 181.0 | 69.0 |
| Max | 61693.28 | 0.132 | 1140 | 170 | 27 | 41 | 83 | 262.0 | 122.8 |
| Mn | 61681.83 | 0.025 | 709 | 92 | 14 | 21 | 59 | 243.6 | 85.5 |

**********

Statistics for Y001 0 FLT 54 Day 305

**********

Start Time 09:39:15 Start East 606006 Start Nrth 5405581
End Time 09:41:44 End East 606230 End Nrth 5409627

Elaps Time 00:02:29 Line Length = 4.052 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61655.11 | 0.000 | 56 | 2 | 0 | 0 | 42 | 213.0 | 65.0 |
| Max | 61684.98 | 0.101 | 117 | 22 | 10 | 8 | 80 | 270.0 | 81.0 |
| Mn | 61670.16 | 0.023 | 85 | 11 | 2 | 2 | 59 | 244.2 | 73.8 |

**********

Statistics for Cal 2 FLT 55 Day 305

**********

Start Time 17:12:32 Start East 603502 Start Nrth 5401806
End Time 17:15:05 End East 605908 End Nrth 5405253

Elaps Time 00:02:33 Line Length = 4.204 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61669.99 | 0.000 | 143 | 9 | 3 | 2 | 30 | 197.0 | 71.0 |
| Max | 61690.90 | 0.092 | 1224 | 171 | 31 | 49 | 81 | 261.0 | 137.0 |
| Mn | 61681.00 | 0.019 | 785 | 98 | 17 | 21 | 59 | 241.5 | 92.2 |

**********

Statistics for Z002 0 FLT 55 Day 305

**********

Start Time 17:15:25 Start East 606181 Start Nrth 5405722
End Time 17:17:44 End East 606365 End Nrth 5409215

Elaps Time 00:02:19 Line Length = 3.498 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61655.94 | 0.000 | 94 | 2 | 1 | 0 | 43 | 238.0 | 69.0 |
| Max | 61681.37 | 0.070 | 148 | 22 | 14 | 10 | 85 | 270.0 | 84.0 |
| Mn | 61669.91 | 0.018 | 120 | 12 | 5 | 2 | 59 | 249.3 | 76.0 |

**********

Statistics for H002 0 FLT 55 Day 305

**********

Start Time 17:24:50 Start East 599703 Start Nrth 5401289
End Time 17:29:49 End East 599718 End Nrth 5401348

Elaps Time 00:04:59 Line Length = 0.061 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61192.05 | 0.000 | 991 | 105 | 14 | 18 | 46 | 0.0 | 421.2 |
| Max | 61193.12 | 0.436 | 1174 | 182 | 46 | 55 | 96 | 0.0 | 565.0 |
| Mn | 61192.61 | 0.025 | 1090 | 139 | 26 | 36 | 70 | 0.0 | 510.7 |

**********

Statistics for H002 0 FLT 55 Day 305

**********

Start Time 17:32:10 Start East 599703 Start Nrth 5401289
End Time 17:35:19 End East 599711 End Nrth 5401331

Elaps Time 00:03:09 Line Length = 0.043 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61193.40 | 0.000 | 1566 | 127 | 20 | 61 | 48 | 0.0 | 449.0 |
| Max | 61194.59 | 0.089 | 1832 | 193 | 51 | 109 | 95 | 0.0 | 581.0 |
| Mn | 61193.91 | 0.021 | 1694 | 157 | 36 | 83 | 70 | 0.0 | 480.6 |

**********

Statistics for H002 0 FLT 55 Day 305

**********

Start Time 17:37:11 Start East 599706 Start Nrth 5401304
End Time 17:39:45 End East 599709 End Nrth 5401318

Elaps Time 00:02:34 Line Length = 0.014 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61195.22 | 0.000 | 2919 | 206 | 150 | 31 | 47 | 0.0 | 485.0 |
| Max | 61195.97 | 0.079 | 3247 | 299 | 216 | 71 | 99 | 0.0 | 538.0 |
| Mn | 61195.59 | 0.021 | 3085 | 257 | 187 | 46 | 72 | 0.0 | 511.1 |

**********

Statistics for H002 0 FLT 55 Day 305

**********

Start Time 17:40:53 Start East 599703 Start Nrth 5401318
End Time 17:42:52 End East 599706 End Nrth 5401328

Elaps Time 00:01:59 Line Length = 0.010 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61195.73 | 0.000 | 1010 | 109 | 14 | 22 | 46 | 0.0 | 457.0 |
| Max | 61208.28 | 2.527 | 1201 | 170 | 41 | 55 | 99 | 0.0 | 478.0 |
| Mn | 61196.30 | 0.034 | 1093 | 139 | 26 | 36 | 69 | 0.0 | 464.8 |

**********

Statistics for G001 0 FLT 56 Day 307

**********

Start Time 08:06:28 Start East 599680 Start Nrth 5401298
End Time 08:08:36 End East 599718 End Nrth 5401356

Elaps Time 00:02:08 Line Length = 0.069 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61184.56 | 0.000 | 933 | 84 | 15 | 19 | 52 | 0.0 | 490.0 |
| Max | 61185.28 | 0.121 | 1110 | 176 | 37 | 58 | 87 | 0.0 | 530.0 |
| Mn | 61184.87 | 0.032 | 1024 | 132 | 24 | 34 | 72 | 0.0 | 521.3 |

**********

Statistics for G001 0 FLT 56 Day 307

**********

Start Time 08:09:18 Start East 599709 Start Nrth 5401305
End Time 08:11:17 End East 599729 End Nrth 5401358

Elaps Time 00:01:59 Line Length = 0.057 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61184.69 | 0.000 | 1538 | 109 | 20 | 55 | 47 | 0.0 | 485.0 |
| Max | 61185.45 | 0.122 | 1778 | 174 | 54 | 109 | 96 | 0.0 | 520.0 |
| Mn | 61185.13 | 0.033 | 1657 | 149 | 35 | 83 | 73 | 0.0 | 495.3 |

**********

Statistics for G001 0 FLT 56 Day 307

**********

Start Time 08:11:54 Start East 599683 Start Nrth 5401282
End Time 08:14:13 End East 599705 End Nrth 5401301

Elaps Time 00:02:19 Line Length = 0.029 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61184.30 | 0.000 | 2934 | 217 | 154 | 25 | 50 | 0.0 | 539.0 |
| Max | 61184.79 | 0.111 | 3208 | 292 | 228 | 70 | 98 | 0.0 | 558.0 |
| Mn | 61184.56 | 0.029 | 3069 | 253 | 191 | 45 | 72 | 0.0 | 550.0 |

**********

Statistics for G001 0 FLT 56 Day 307

**********

Start Time 08:15:09 Start East 599677 Start Nrth 5401306
End Time 08:17:08 End East 599690 End Nrth 5401315

Elaps Time 00:01:59 Line Length = 0.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61184.14 | 0.000 | 919 | 102 | 13 | 19 | 52 | 0.0 | 530.0 |
| Max | 61184.69 | 0.117 | 1134 | 187 | 38 | 54 | 96 | 0.0 | 542.0 |
| Mn | 61184.49 | 0.030 | 1026 | 133 | 23 | 35 | 72 | 0.0 | 537.4 |

**********

Statistics for C001 0 FLT 56 Day 307

**********

Start Time 08:53:38 Start East 603576 Start Nrth 5401924
End Time 08:56:12 End East 606145 End Nrth 5405437

Elaps Time 00:02:34 Line Length = 4.352 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61671.48 | 0.000 | 126 | 11 | 3 | 1 | 46 | 217.0 | 76.0 |
| Max | 61692.16 | 0.098 | 1202 | 179 | 35 | 45 | 82 | 280.0 | 130.0 |
| Mn | 61681.88 | 0.019 | 731 | 90 | 17 | 20 | 61 | 247.6 | 90.8 |

**********

Statistics for Y001 0 FLT 56 Day 307

**********

Start Time 08:56:23 Start East 606055 Start Nrth 5405728
End Time 08:58:07 End East 606202 End Nrth 5409142

Elaps Time 00:01:44 Line Length = 3.417 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61657.95 | 0.000 | 116 | 7 | 1 | 0 | 43 | 206.0 | 63.0 |
| Max | 61681.87 | 0.111 | 188 | 26 | 15 | 9 | 82 | 273.8 | 85.6 |
| Mn | 61671.09 | 0.020 | 147 | 14 | 7 | 3 | 61 | 229.5 | 70.1 |

**********

Statistics for Cal 2 FLT 57 Day 307

**********

Start Time 17:04:04 Start East 603533 Start Nrth 5401860
End Time 17:06:27 End East 606080 End Nrth 5405406

Elaps Time 00:02:23 Line Length = 4.366 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 17970.72 | 0.000 | 86 | 5 | 2 | 1 | 48 | 220.0 | 68.0 |
| Max | 99999.00 | %27567.758 | 1233 | 180 | 31 | 54 | 82 | 263.0 | 129.8 |
| Mn | 70735.16 | 1050.651 | 722 | 94 | 15 | 21 | 63 | 239.4 | 88.2 |

**********

Statistics for Z002 0 FLT 57 Day 307

**********

Start Time 17:06:38 Start East 606181 Start Nrth 5405713
End Time 17:08:42 End East 606466 End Nrth 5409481

Elaps Time 00:02:04 Line Length = 3.779 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 18961.78 | 0.000 | 60 | 3 | 0 | 0 | 42 | 247.0 | 72.0 |
| Max | 99999.00 | %32745.922 | 121 | 18 | 9 | 9 | 84 | 343.0 | 102.0 |
| Mn | 70770.11 | 1090.716 | 89 | 10 | 2 | 3 | 62 | 279.4 | 82.6 |

**********

Statistics for H002 0 FLT 57 Day 307

**********

Start Time 17:15:45 Start East 599704 Start Nrth 5401297
End Time 17:17:59 End East 599714 End Nrth 5401335

Elaps Time 00:02:14 Line Length = 0.039 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 18816.80 | 0.000 | 940 | 111 | 12 | 18 | 52 | 0.0 | 449.0 |
| Max | 99999.00 | %16862.693 | 1134 | 164 | 36 | 52 | 100 | 0.0 | 543.0 |
| Mn | 70901.56 | 726.123 | 1041 | 136 | 23 | 35 | 75 | 0.0 | 495.7 |

**********

Statistics for H002 0 FLT 57 Day 307

**********

Start Time 17:19:25 Start East 599715 Start Nrth 5401350
End Time 17:21:55 End East 599722 End Nrth 5401372

Elaps Time 00:02:30 Line Length = 0.023 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 2173.47 | 0.000 | 1538 | 123 | 21 | 62 | 55 | 0.0 | 344.0 |
| Max | 99999.00 | %61206.219 | 1744 | 189 | 55 | 110 | 183 | 0.0 | 400.0 |
| Mn | 70694.98 | 1092.929 | 1641 | 151 | 33 | 82 | 76 | 0.0 | 359.7 |

**********

Statistics for H002 0 FLT 57 Day 307

**********

Start Time 17:23:22 Start East 599707 Start Nrth 5401305
End Time 17:25:01 End East 599712 End Nrth 5401334

Elaps Time 00:01:39 Line Length = 0.029 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 21247.43 | 0.000 | 2907 | 199 | 144 | 25 | 52 | 0.0 | 444.2 |
| Max | 99999.00 | %15475.997 | 3171 | 295 | 219 | 64 | 96 | 0.0 | 536.0 |
| Mn | 71723.34 | 678.281 | 3020 | 250 | 186 | 43 | 72 | 0.0 | 490.4 |

**********

Statistics for H002 0 FLT 57 Day 307

**********

Start Time 17:25:55 Start East 599706 Start Nrth 5401296
End Time 17:28:09 End East 599710 End Nrth 5401311

Elaps Time 00:02:14 Line Length = 0.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 21159.96 | 0.000 | 959 | 114 | 8 | 22 | 55 | 0.0 | 515.0 |
| Max | 99999.00 | %15532.151 | 1125 | 183 | 37 | 51 | 97 | 0.0 | 564.0 |
| Mn | 71166.66 | 660.499 | 1033 | 137 | 23 | 34 | 74 | 0.0 | 545.6 |

**********

Statistics for G001 0 FLT 58 Day 308

**********

Start Time 08:15:51 Start East 599678 Start Nrth 5401297
End Time 08:19:48 End East 599708 End Nrth 5401400

Elaps Time 00:03:57 Line Length = 0.107 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63240.55 | 0.000 | 941 | 102 | 12 | 20 | 51 | 0.0 | 466.2 |
| Max | 63241.42 | 0.088 | 1135 | 172 | 39 | 51 | 104 | 0.0 | 522.0 |
| Mn | 63241.13 | 0.016 | 1034 | 136 | 23 | 35 | 74 | 0.0 | 508.4 |

**********

Statistics for G001 0 FLT 58 Day 308

**********

Start Time 08:20:36 Start East 599666 Start Nrth 5401244
End Time 08:23:30 End East 599697 End Nrth 5401297

Elaps Time 00:02:54 Line Length = 0.061 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63240.38 | 0.000 | 1575 | 118 | 20 | 67 | 52 | 0.0 | 441.0 |
| Max | 63241.06 | 0.085 | 1781 | 189 | 56 | 114 | 95 | 0.0 | 506.0 |
| Mn | 63240.73 | 0.017 | 1673 | 155 | 35 | 84 | 75 | 0.0 | 465.3 |

**********

Statistics for G001 0 FLT 58 Day 308

**********

Start Time 08:24:13 Start East 599658 Start Nrth 5401230
End Time 08:27:51 End East 599683 End Nrth 5401324

Elaps Time 00:03:38 Line Length = 0.097 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63239.25 | 0.000 | 2922 | 218 | 157 | 27 | 54 | 0.0 | 417.0 |
| Max | 63242.06 | 0.594 | 3254 | 306 | 235 | 67 | 98 | 0.0 | 477.0 |
| Mn | 63240.90 | 0.020 | 3101 | 258 | 189 | 44 | 74 | 0.0 | 450.7 |

**********

Statistics for G001 0 FLT 58 Day 308

**********

Start Time 08:29:00 Start East 599703 Start Nrth 5401287
End Time 08:31:03 End East 599718 End Nrth 5401325

Elaps Time 00:02:03 Line Length = 0.041 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63239.79 | 0.000 | 948 | 103 | 12 | 23 | 52 | 0.0 | 459.0 |
| Max | 63240.57 | 0.063 | 1109 | 163 | 34 | 50 | 95 | 0.0 | 507.0 |
| Mn | 63240.11 | 0.018 | 1030 | 136 | 23 | 35 | 73 | 0.0 | 490.2 |

**********

Statistics for C001 0 FLT 58 Day 308

**********

Start Time 08:45:08 Start East 603530 Start Nrth 5401863
End Time 08:47:32 End East 606020 End Nrth 5405325

Elaps Time 00:02:24 Line Length = 4.264 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61665.00 | 0.000 | 96 | 7 | 0 | 1 | 43 | 208.0 | 72.0 |
| Max | 61685.38 | 0.073 | 1220 | 198 | 33 | 49 | 85 | 271.0 | 123.0 |
| Mn | 61675.58 | 0.016 | 742 | 96 | 15 | 21 | 63 | 236.8 | 86.1 |

**********

Statistics for Y001 0 FLT 58 Day 308

**********

Start Time 08:47:45 Start East 606166 Start Nrth 5405719
End Time 08:49:34 End East 606340 End Nrth 5409251

Elaps Time 00:01:49 Line Length = 3.536 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61651.93 | 0.000 | 74 | 4 | 0 | 0 | 40 | 223.0 | 70.0 |
| Max | 61676.25 | 0.107 | 127 | 20 | 11 | 8 | 80 | 266.0 | 86.0 |
| Mn | 61665.25 | 0.019 | 105 | 11 | 4 | 2 | 62 | 238.4 | 76.5 |

**********

Statistics for Cal 2 FLT 59 Day 308

**********

Start Time 16:34:56 Start East 603496 Start Nrth 5401814
End Time 16:37:09 End East 606027 End Nrth 5405478

Elaps Time 00:02:13 Line Length = 4.453 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61733.23 | 0.000 | 93 | 6 | 1 | 0 | 46 | 186.0 | 71.0 |
| Max | 61753.70 | 0.124 | 1193 | 178 | 33 | 55 | 79 | 260.0 | 128.4 |
| Mn | 61743.73 | 0.026 | 721 | 93 | 15 | 20 | 63 | 237.2 | 84.6 |

**********

Statistics for Z002 0 FLT 59 Day 308

**********

Start Time 16:37:21 Start East 606161 Start Nrth 5405882
End Time 16:39:00 End East 606461 End Nrth 5409345

Elaps Time 00:01:39 Line Length = 3.476 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61717.95 | 0.000 | 74 | 3 | 0 | 0 | 38 | 226.0 | 66.0 |
| Max | 61744.73 | 0.074 | 132 | 23 | 10 | 10 | 84 | 256.0 | 79.0 |
| Mn | 61730.49 | 0.019 | 98 | 12 | 3 | 2 | 62 | 241.2 | 73.1 |

**********

Statistics for H002 0 FLT 59 Day 308

**********

Start Time 16:46:23 Start East 599721 Start Nrth 5401320
End Time 16:48:42 End East 599736 End Nrth 5401352

Elaps Time 00:02:19 Line Length = 0.035 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62137.25 | 0.000 | 925 | 106 | 12 | 19 | 54 | 0.0 | 453.0 |
| Max | 63384.62 | 71.169 | 1109 | 161 | 41 | 45 | 98 | 0.0 | 505.0 |
| Mn | 62576.63 | 0.372 | 1031 | 132 | 24 | 33 | 74 | 0.0 | 481.8 |

**********

Statistics for H002 0 FLT 59 Day 308

**********

Start Time 16:51:01 Start East 599717 Start Nrth 5401317
End Time 16:52:39 End East 599746 End Nrth 5401370

Elaps Time 00:01:38 Line Length = 0.060 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63380.52 | 0.000 | 1535 | 108 | 23 | 56 | 55 | 0.0 | 416.0 |
| Max | 63384.07 | 0.072 | 1709 | 172 | 51 | 111 | 100 | 0.0 | 507.0 |
| Mn | 63382.55 | 0.021 | 1625 | 145 | 34 | 82 | 75 | 0.0 | 482.7 |

**********

Statistics for H002 0 FLT 59 Day 308

**********

Start Time 16:54:10 Start East 599709 Start Nrth 5401295
End Time 16:55:56 End East 599712 End Nrth 5401304

Elaps Time 00:01:46 Line Length = 0.009 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63386.34 | 0.000 | 2835 | 195 | 146 | 27 | 57 | 0.0 | 534.0 |
| Max | 63388.64 | 0.081 | 3168 | 284 | 210 | 70 | 95 | 0.0 | 545.0 |
| Mn | 63387.76 | 0.018 | 2990 | 246 | 182 | 43 | 75 | 0.0 | 542.3 |

**********

Statistics for H002 0 FLT 59 Day 308

**********

Start Time 16:57:29 Start East 599718 Start Nrth 5401319
End Time 16:59:27 End East 599736 End Nrth 5401353

Elaps Time 00:01:58 Line Length = 0.038 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63385.67 | 0.000 | 953 | 102 | 12 | 18 | 48 | 0.0 | 436.0 |
| Max | 63386.64 | 0.116 | 1118 | 160 | 38 | 48 | 93 | 0.0 | 507.8 |
| Mn | 63386.14 | 0.020 | 1019 | 130 | 23 | 34 | 74 | 0.0 | 465.5 |

**********

Statistics for G001 0 FLT 60 Day 309

**********

Start Time 14:49:40 Start East 0 Start Nrth 0
End Time 14:52:03 End East 0 End Nrth 0

Elaps Time 00:02:23 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63225.92 | 0.000 | 957 | 112 | 11 | 16 | 52 | 0.0 | 0.0 |
| Max | 63226.73 | 0.066 | 1109 | 164 | 39 | 54 | 95 | 0.0 | 0.0 |
| Mn | 63226.30 | 0.018 | 1027 | 133 | 23 | 35 | 72 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 60 Day 309

**********

Start Time 14:52:48 Start East 0 Start Nrth 0
End Time 14:55:02 End East 0 End Nrth 0

Elaps Time 00:02:14 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63226.68 | 0.000 | 1505 | 108 | 18 | 67 | 48 | 0.0 | 0.0 |
| Max | 63227.38 | 0.069 | 1757 | 186 | 49 | 105 | 97 | 0.0 | 0.0 |
| Mn | 63226.99 | 0.018 | 1656 | 149 | 34 | 85 | 71 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 60 Day 309

**********

Start Time 14:55:41 Start East 0 Start Nrth 0
End Time 14:58:25 End East 0 End Nrth 0

Elaps Time 00:02:44 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63227.12 | 0.000 | 2911 | 194 | 151 | 27 | 45 | 0.0 | 0.0 |
| Max | 63227.83 | 0.071 | 3221 | 296 | 224 | 59 | 92 | 0.0 | 0.0 |
| Mn | 63227.33 | 0.017 | 3068 | 252 | 188 | 44 | 71 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 60 Day 309

**********

Start Time 14:59:05 Start East 0 Start Nrth 0
End Time 15:07:34 End East 0 End Nrth 0

Elaps Time 00:08:29 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63224.86 | 0.000 | 907 | 100 | 7 | 19 | 47 | 0.0 | 0.0 |
| Max | 63231.04 | 0.858 | 1116 | 162 | 37 | 55 | 98 | 0.0 | 0.0 |
| Mn | 63229.81 | 0.019 | 1015 | 131 | 22 | 34 | 71 | 0.0 | 0.0 |

**********

Statistics for C001 0 FLT 60 Day 309

**********

Start Time 15:21:23 Start East 3021 Start Nrth 27014
End Time 15:23:37 End East 606025 End Nrth 5405437

Elaps Time 00:02:14 Line Length = %5412.121 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61687.24 | 0.000 | 97 | 10 | 2 | 0 | 38 | 165.0 | 0.0 |
| Max | 61708.81 | 0.137 | 1192 | 175 | 33 | 46 | 80 | 254.0 | 86.0 |
| Mn | 61698.86 | 0.019 | 719 | 91 | 15 | 20 | 60 | 230.9 | 51.2 |

**********

Statistics for Y001 0 FLT 60 Day 309

**********

Start Time 15:23:51 Start East 606139 Start Nrth 5405861
End Time 15:25:30 End East 606349 End Nrth 5409168

Elaps Time 00:01:39 Line Length = 3.314 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61674.51 | 0.000 | 77 | 3 | 0 | 0 | 44 | 233.0 | 72.0 |
| Max | 61700.30 | 0.113 | 122 | 24 | 9 | 8 | 84 | 256.0 | 92.0 |
| Mn | 61688.71 | 0.018 | 97 | 11 | 3 | 2 | 61 | 243.2 | 80.1 |

**********

Statistics for Cal 2 FLT 60 Day 309

**********

Start Time 18:39:32 Start East 603424 Start Nrth 5401759
End Time 18:41:55 End East 605970 End Nrth 5405377

Elaps Time 00:02:23 Line Length = 4.424 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61694.53 | 0.000 | 88 | 7 | 1 | 0 | 42 | 223.0 | 124.0 |
| Max | 61716.97 | 0.101 | 1233 | 180 | 30 | 46 | 83 | 253.0 | 185.8 |
| Mn | 61705.36 | 0.020 | 752 | 98 | 15 | 20 | 61 | 238.1 | 140.7 |

**********

Statistics for Z002 0 FLT 60 Day 309

**********

Start Time 18:42:07 Start East 606186 Start Nrth 5405759
End Time 18:44:06 End East 606493 End Nrth 5409678

Elaps Time 00:01:59 Line Length = 3.931 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61676.83 | 0.000 | 82 | 3 | 0 | 0 | 39 | 242.0 | 127.0 |
| Max | 61706.76 | 0.074 | 131 | 22 | 9 | 9 | 80 | 267.0 | 144.0 |
| Mn | 61692.68 | 0.019 | 102 | 12 | 3 | 2 | 62 | 253.6 | 137.2 |

**********

Statistics for H002 0 FLT 60 Day 309

**********

Start Time 18:52:31 Start East 599712 Start Nrth 5401279
End Time 18:56:35 End East 599722 End Nrth 5401298

Elaps Time 00:04:04 Line Length = 0.021 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62438.95 | 0.000 | 956 | 104 | 10 | 22 | 50 | 0.0 | 524.0 |
| Max | 63437.05 | 24.012 | 1153 | 174 | 43 | 53 | 99 | 0.0 | 543.0 |
| Mn | 62860.11 | 0.168 | 1048 | 134 | 24 | 35 | 70 | 0.0 | 530.7 |

**********

Statistics for H002 0 FLT 60 Day 309

**********

Start Time 18:58:02 Start East 599706 Start Nrth 5401305
End Time 19:00:26 End East 599710 End Nrth 5401336

Elaps Time 00:02:24 Line Length = 0.031 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63291.23 | 0.000 | 1555 | 105 | 17 | 57 | 53 | 0.0 | 517.0 |
| Max | 63292.23 | 0.182 | 1785 | 196 | 53 | 111 | 90 | 0.0 | 546.0 |
| Mn | 63291.74 | 0.038 | 1657 | 151 | 35 | 82 | 71 | 0.0 | 525.5 |

**********

Statistics for H002 0 FLT 60 Day 309

**********

Start Time 19:01:15 Start East 599707 Start Nrth 5401303
End Time 19:03:04 End East 599712 End Nrth 5401324

Elaps Time 00:01:49 Line Length = 0.022 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63289.69 | 0.000 | 2863 | 203 | 143 | 32 | 53 | 0.0 | 527.0 |
| Max | 63293.12 | 0.570 | 3191 | 289 | 222 | 63 | 97 | 0.0 | 542.0 |
| Mn | 63291.88 | 0.027 | 3024 | 249 | 183 | 43 | 72 | 0.0 | 534.7 |

**********

Statistics for H002 0 FLT 60 Day 309

**********

Start Time 19:04:54 Start East 599697 Start Nrth 5401305
End Time 19:07:43 End East 599717 End Nrth 5401315

Elaps Time 00:02:49 Line Length = 0.022 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63289.71 | 0.000 | 945 | 100 | 11 | 21 | 49 | 0.0 | 527.0 |
| Max | 63291.06 | 0.105 | 1100 | 178 | 34 | 54 | 101 | 0.0 | 555.0 |
| Mn | 63290.41 | 0.024 | 1024 | 130 | 22 | 35 | 71 | 0.0 | 544.3 |

**********

Statistics for G001 0 FLT 61 Day 310

**********

Start Time 08:49:25 Start East 599672 Start Nrth 5401314
End Time 08:51:38 End East 599672 End Nrth 5401314

Elaps Time 00:02:13 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63260.09 | 0.000 | 896 | 96 | 11 | 18 | 48 | 0.0 | 467.0 |
| Max | 63260.92 | 0.122 | 1122 | 163 | 36 | 49 | 94 | 0.0 | 467.0 |
| Mn | 63260.60 | 0.020 | 1007 | 128 | 23 | 34 | 71 | 0.0 | 467.0 |

**********

Statistics for G001 0 FLT 61 Day 310

**********

Start Time 08:52:27 Start East 599672 Start Nrth 5401314
End Time 08:54:51 End East 599672 End Nrth 5401314

Elaps Time 00:02:24 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63260.56 | 0.000 | 1494 | 123 | 20 | 58 | 53 | 0.0 | 467.0 |
| Max | 63262.08 | 0.077 | 1730 | 186 | 51 | 103 | 93 | 0.0 | 467.0 |
| Mn | 63261.25 | 0.019 | 1593 | 150 | 33 | 81 | 70 | 0.0 | 467.0 |

**********

Statistics for G001 0 FLT 61 Day 310

**********

Start Time 08:55:40 Start East 599672 Start Nrth 5401314
End Time 08:57:49 End East 599672 End Nrth 5401314

Elaps Time 00:02:09 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63262.63 | 0.000 | 2725 | 210 | 145 | 23 | 55 | 0.0 | 467.0 |
| Max | 63265.56 | 0.094 | 3032 | 292 | 204 | 60 | 96 | 0.0 | 467.0 |
| Mn | 63264.38 | 0.020 | 2886 | 241 | 175 | 42 | 70 | 0.0 | 467.0 |

**********

Statistics for G001 0 FLT 61 Day 310

**********

Start Time 08:59:00 Start East 599672 Start Nrth 5401314
End Time 09:01:14 End East 599672 End Nrth 5401314

Elaps Time 00:02:14 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63264.70 | 0.000 | 934 | 102 | 11 | 18 | 50 | 0.0 | 467.0 |
| Max | 63266.05 | 0.092 | 1108 | 162 | 38 | 51 | 87 | 0.0 | 467.0 |
| Mn | 63265.39 | 0.021 | 1017 | 131 | 23 | 34 | 70 | 0.0 | 467.0 |

**********

Statistics for C001 0 FLT 61 Day 310

**********

Start Time 09:13:50 Start East 603511 Start Nrth 5401832
End Time 09:16:19 End East 606064 End Nrth 5405529

Elaps Time 00:02:29 Line Length = 4.493 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61660.43 | 0.000 | 108 | 7 | 1 | 0 | 41 | 229.0 | 70.0 |
| Max | 61680.66 | 0.096 | 1160 | 179 | 36 | 40 | 79 | 268.0 | 133.0 |
| Mn | 61671.16 | 0.020 | 702 | 89 | 16 | 19 | 60 | 247.5 | 89.3 |

**********

Statistics for Y001 0 FLT 61 Day 310

**********

Start Time 09:16:35 Start East 606225 Start Nrth 5405972
End Time 09:18:14 End East 606635 End Nrth 5409300

Elaps Time 00:01:39 Line Length = 3.353 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61644.81 | 0.000 | 96 | 6 | 1 | 0 | 41 | 230.0 | 67.0 |
| Max | 61668.78 | 0.106 | 155 | 26 | 12 | 7 | 81 | 273.0 | 79.0 |
| Mn | 61657.57 | 0.018 | 130 | 13 | 6 | 2 | 60 | 246.7 | 71.1 |

**********

Statistics for Cal 2 FLT 62 Day 310

**********

Start Time 17:08:04 Start East 603567 Start Nrth 5401918
End Time 17:10:07 End East 605950 End Nrth 5405283

Elaps Time 00:02:03 Line Length = 4.123 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61679.41 | 0.000 | 102 | 12 | 1 | 1 | 45 | 189.0 | 69.0 |
| Max | 61699.03 | 0.104 | 1258 | 195 | 31 | 51 | 86 | 287.0 | 125.4 |
| Mn | 61689.02 | 0.023 | 738 | 95 | 15 | 21 | 62 | 245.1 | 86.5 |

**********

Statistics for Z002 0 FLT 62 Day 310

**********

Start Time 17:10:20 Start East 606145 Start Nrth 5405674
End Time 17:12:14 End East 606753 End Nrth 5409372

Elaps Time 00:01:54 Line Length = 3.748 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61663.92 | 0.000 | 69 | 5 | 0 | 0 | 39 | 229.0 | 67.0 |
| Max | 61690.44 | 0.108 | 120 | 23 | 8 | 9 | 85 | 256.0 | 76.6 |
| Mn | 61678.76 | 0.025 | 94 | 11 | 3 | 3 | 62 | 241.6 | 71.2 |

**********

Statistics for H002 0 FLT 62 Day 310

**********

Start Time 17:19:50 Start East 599750 Start Nrth 5401306
End Time 17:23:19 End East 599803 End Nrth 5401319

Elaps Time 00:03:29 Line Length = 0.055 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62484.08 | 0.000 | 960 | 96 | 10 | 18 | 45 | 0.0 | 375.0 |
| Max | 63203.48 | 22.725 | 1121 | 171 | 38 | 53 | 95 | 0.0 | 495.0 |
| Mn | 62731.25 | 0.127 | 1044 | 136 | 23 | 34 | 72 | 0.0 | 446.3 |

**********

Statistics for H002 0 FLT 62 Day 310

**********

Start Time 17:25:06 Start East 599525 Start Nrth 5401316
End Time 17:29:35 End East 599925 End Nrth 5401348

Elaps Time 00:04:29 Line Length = 0.401 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63192.67 | 0.000 | 1502 | 109 | 16 | 59 | 52 | 0.0 | 94.0 |
| Max | 63195.60 | 0.111 | 1780 | 189 | 50 | 109 | 103 | 0.0 | 772.0 |
| Mn | 63193.93 | 0.023 | 1623 | 150 | 33 | 81 | 75 | 0.0 | 329.5 |

**********

Statistics for H002 0 FLT 62 Day 310

**********

Start Time 17:30:31 Start East 599497 Start Nrth 5401329
End Time 17:33:25 End East 599645 End Nrth 5401353

Elaps Time 00:02:54 Line Length = 0.150 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63195.53 | 0.000 | 1762 | 156 | 71 | 22 | 51 | 0.0 | 637.0 |
| Max | 63197.06 | 0.187 | 3138 | 308 | 223 | 64 | 96 | 0.0 | 814.0 |
| Mn | 63196.43 | 0.024 | 2731 | 234 | 160 | 42 | 73 | 0.0 | 733.6 |

**********

Statistics for H002 0 FLT 62 Day 310

**********

Start Time 17:33:59 Start East 599695 Start Nrth 5401302
End Time 17:36:38 End East 599790 End Nrth 5401322

Elaps Time 00:02:39 Line Length = 0.097 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63194.67 | 0.000 | 2888 | 218 | 146 | 28 | 53 | 0.0 | 427.0 |
| Max | 63196.03 | 0.089 | 3191 | 300 | 220 | 63 | 100 | 0.0 | 557.4 |
| Mn | 63195.31 | 0.019 | 3025 | 257 | 181 | 45 | 73 | 0.0 | 472.7 |

**********

Statistics for H002 0 FLT 62 Day 310

**********

Start Time 17:37:49 Start East 599697 Start Nrth 5401319
End Time 17:40:03 End East 599717 End Nrth 5401324

Elaps Time 00:02:14 Line Length = 0.021 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63192.81 | 0.000 | 939 | 107 | 10 | 21 | 46 | 0.0 | 502.0 |
| Max | 63194.98 | 0.245 | 1113 | 164 | 34 | 47 | 98 | 0.0 | 519.0 |
| Mn | 63194.11 | 0.030 | 1042 | 135 | 23 | 34 | 72 | 0.0 | 511.1 |

**********

Statistics for G001 0 FLT 63 Day 311

**********

Start Time 08:59:24 Start East 599692 Start Nrth 5401307
End Time 09:01:52 End East 599692 End Nrth 5401307

Elaps Time 00:02:28 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62194.95 | 0.000 | 952 | 104 | 9 | 19 | 52 | 0.0 | 0.0 |
| Max | 62195.71 | 0.072 | 1121 | 171 | 39 | 55 | 93 | 0.0 | 0.0 |
| Mn | 62195.29 | 0.016 | 1033 | 134 | 23 | 34 | 71 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 63 Day 311

**********

Start Time 09:02:38 Start East 599692 Start Nrth 5401307
End Time 09:05:02 End East 599692 End Nrth 5401307

Elaps Time 00:02:24 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62195.35 | 0.000 | 1550 | 124 | 19 | 55 | 48 | 0.0 | 0.0 |
| Max | 62196.78 | 0.070 | 1734 | 182 | 51 | 107 | 93 | 0.0 | 0.0 |
| Mn | 62195.98 | 0.016 | 1643 | 151 | 33 | 82 | 69 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 63 Day 311

**********

Start Time 09:06:02 Start East 599692 Start Nrth 5401307
End Time 09:08:11 End East 599692 End Nrth 5401307

Elaps Time 00:02:09 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62194.19 | 0.000 | 2850 | 212 | 138 | 23 | 49 | 0.0 | 0.0 |
| Max | 62195.68 | 0.121 | 3154 | 299 | 220 | 62 | 94 | 0.0 | 0.0 |
| Mn | 62194.68 | 0.018 | 3002 | 253 | 182 | 42 | 70 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 63 Day 311

**********

Start Time 09:12:02 Start East 599692 Start Nrth 5401307
End Time 09:14:46 End East 599692 End Nrth 5401307

Elaps Time 00:02:44 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62192.23 | 0.000 | 948 | 108 | 11 | 13 | 50 | 0.0 | 0.0 |
| Max | 62193.10 | 0.063 | 1117 | 171 | 39 | 52 | 90 | 0.0 | 0.0 |
| Mn | 62192.56 | 0.016 | 1030 | 135 | 22 | 34 | 70 | 0.0 | 0.0 |

**********

Statistics for C001 0 FLT 63 Day 311

**********

Start Time 09:26:15 Start East 0 Start Nrth 0
End Time 09:28:28 End East 0 End Nrth 0

Elaps Time 00:02:13 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61656.36 | 0.000 | 101 | 10 | 0 | 1 | 43 | 189.0 | 0.0 |
| Max | 61677.43 | 0.090 | 1130 | 168 | 29 | 43 | 79 | 269.0 | 0.0 |
| Mn | 61666.66 | 0.018 | 722 | 94 | 14 | 21 | 61 | 248.7 | 0.0 |

**********

Statistics for Y001 0 FLT 63 Day 311

**********

Start Time 09:28:44 Start East 0 Start Nrth 0
End Time 09:30:28 End East 606095 End Nrth 5409241

Elaps Time 00:01:44 Line Length = %5443.091 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61642.33 | 0.000 | 65 | 2 | 0 | 0 | 42 | 240.0 | 0.0 |
| Max | 61667.50 | 0.087 | 112 | 22 | 9 | 9 | 79 | 266.0 | 79.0 |
| Mn | 61655.59 | 0.019 | 88 | 11 | 2 | 2 | 60 | 253.2 | 64.2 |

**********

Statistics for Cal 2 FLT 64 Day 311

**********

Start Time 17:37:35 Start East 603518 Start Nrth 5401841
End Time 17:39:38 End East 606060 End Nrth 5405429

Elaps Time 00:02:03 Line Length = 4.397 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61688.02 | 0.000 | 74 | 6 | 1 | 0 | 41 | 206.0 | 75.0 |
| Max | 61707.73 | 0.117 | 1200 | 174 | 31 | 52 | 82 | 278.0 | 129.8 |
| Mn | 61698.46 | 0.018 | 695 | 88 | 14 | 20 | 60 | 250.7 | 90.1 |

**********

Statistics for Z002 0 FLT 64 Day 311

**********

Start Time 17:39:58 Start East 606106 Start Nrth 5406231
End Time 17:41:27 End East 606302 End Nrth 5410108

Elaps Time 00:01:29 Line Length = 3.882 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61670.04 | 0.000 | 67 | 3 | 0 | 0 | 45 | 250.0 | 76.0 |
| Max | 61694.74 | 0.070 | 115 | 20 | 10 | 7 | 80 | 337.0 | 96.0 |
| Mn | 61682.24 | 0.019 | 85 | 11 | 2 | 2 | 60 | 264.3 | 80.8 |

**********

Statistics for H002 0 FLT 64 Day 311

**********

Start Time 17:48:13 Start East 599674 Start Nrth 5401302
End Time 17:56:12 End East 599754 End Nrth 5401334

Elaps Time 00:07:59 Line Length = 0.086 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62432.09 | 0.000 | 956 | 100 | 10 | 18 | 46 | 0.0 | 433.0 |
| Max | 63453.84 | 17.091 | 1126 | 175 | 38 | 58 | 100 | 0.0 | 531.0 |
| Mn | 63254.91 | 0.152 | 1043 | 137 | 22 | 34 | 70 | 0.0 | 479.9 |

**********

Statistics for H002 0 FLT 64 Day 311

**********

Start Time 17:57:20 Start East 599682 Start Nrth 5401302
End Time 17:59:49 End East 599722 End Nrth 5401329

Elaps Time 00:02:29 Line Length = 0.048 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63204.05 | 0.000 | 1478 | 125 | 20 | 47 | 46 | 0.0 | 467.0 |
| Max | 63205.03 | 0.086 | 1709 | 194 | 51 | 117 | 106 | 0.0 | 521.0 |
| Mn | 63204.42 | 0.018 | 1607 | 150 | 33 | 79 | 70 | 0.0 | 485.5 |

**********

Statistics for H002 0 FLT 64 Day 311

**********

Start Time 18:00:33 Start East 599723 Start Nrth 5401302
End Time 18:02:47 End East 599732 End Nrth 5401328

Elaps Time 00:02:14 Line Length = 0.028 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63202.63 | 0.000 | 2742 | 208 | 139 | 29 | 50 | 0.0 | 452.0 |
| Max | 63203.40 | 0.064 | 3107 | 280 | 233 | 61 | 100 | 0.0 | 481.0 |
| Mn | 63203.04 | 0.015 | 2880 | 246 | 173 | 44 | 70 | 0.0 | 462.4 |

**********

Statistics for H002 0 FLT 64 Day 311

**********

Start Time 18:03:50 Start East 599693 Start Nrth 5401344
End Time 18:06:09 End East 599710 End Nrth 5401379

Elaps Time 00:02:19 Line Length = 0.039 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63119.37 | 0.000 | 955 | 108 | 10 | 18 | 53 | 0.0 | 507.2 |
| Max | 63214.37 | 19.771 | 1140 | 167 | 42 | 51 | 93 | 0.0 | 543.0 |
| Mn | 63195.92 | 0.374 | 1045 | 137 | 22 | 35 | 70 | 0.0 | 530.2 |

**********

Statistics for G001 0 FLT 65 Day 312

**********

Start Time 09:09:24 Start East 599670 Start Nrth 5401285
End Time 09:11:37 End East 599706 End Nrth 5401330

Elaps Time 00:02:13 Line Length = 0.058 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63201.80 | 0.000 | 980 | 109 | 11 | 16 | 47 | 0.0 | 493.0 |
| Max | 63203.99 | 0.073 | 1140 | 167 | 38 | 53 | 94 | 1.0 | 505.0 |
| Mn | 63203.05 | 0.017 | 1052 | 133 | 24 | 32 | 72 | 0.0 | 499.7 |

**********

Statistics for G001 0 FLT 65 Day 312

**********

Start Time 09:14:52 Start East 599699 Start Nrth 5401254
End Time 09:16:56 End East 599731 End Nrth 5401312

Elaps Time 00:02:04 Line Length = 0.066 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63202.54 | 0.000 | 965 | 100 | 9 | 22 | 43 | 0.0 | 490.0 |
| Max | 63203.47 | 0.064 | 1137 | 174 | 40 | 53 | 100 | 1.0 | 541.0 |
| Mn | 63203.05 | 0.017 | 1045 | 134 | 24 | 34 | 71 | 0.0 | 523.4 |

**********

Statistics for G001 0 FLT 65 Day 312

**********

Start Time 09:17:43 Start East 599668 Start Nrth 5401349
End Time 09:19:52 End East 599678 End Nrth 5401369

Elaps Time 00:02:09 Line Length = 0.022 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63204.25 | 0.000 | 1530 | 118 | 21 | 51 | 53 | 0.0 | 432.0 |
| Max | 63205.85 | 0.062 | 1711 | 190 | 52 | 103 | 97 | 1.0 | 457.0 |
| Mn | 63205.19 | 0.018 | 1622 | 152 | 35 | 82 | 71 | 0.0 | 439.8 |

**********

Statistics for G001 0 FLT 65 Day 312

**********

Start Time 09:20:36 Start East 599688 Start Nrth 5401313
End Time 09:22:55 End East 599700 End Nrth 5401330

Elaps Time 00:02:19 Line Length = 0.021 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63202.44 | 0.000 | 2788 | 209 | 140 | 26 | 51 | 0.0 | 458.0 |
| Max | 63203.76 | 0.078 | 3114 | 281 | 213 | 58 | 92 | 1.0 | 501.0 |
| Mn | 63203.12 | 0.017 | 2927 | 248 | 176 | 42 | 72 | 0.0 | 485.8 |

**********

Statistics for G001 0 FLT 65 Day 312

**********

Start Time 09:24:03 Start East 599699 Start Nrth 5401312
End Time 09:26:32 End East 599708 End Nrth 5401324

Elaps Time 00:02:29 Line Length = 0.015 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 63203.14 | 0.000 | 936 | 97 | 13 | 20 | 47 | 0.0 | 445.0 |
| Max | 63204.92 | 0.152 | 1141 | 167 | 37 | 50 | 95 | 1.0 | 491.0 |
| Mn | 63204.00 | 0.021 | 1026 | 133 | 23 | 34 | 70 | 0.0 | 474.7 |

# APPENDIX 6

## DATA STATISTICS

## Ground Calibration and Test Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Mt Horror |
| Area: | 2 |
| Flight: | 25 - 30 |

**********

Statistics for G001 0 FLT 25 Day 284

**********

Start Time 08:30:13 Start East 534071 Start Nrth 5458530
End Time 08:32:08 End East 534090 End Nrth 5458554

Elaps Time 00:01:55 Line Length = 0.031 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62279.43 | 0.000 | 718 | 31 | 14 | 16 | 38 | 0.0 | -6.0 |
| Max | 62281.37 | 0.059 | 897 | 82 | 44 | 58 | 75 | 0.0 | 61.0 |
| Mn | 62280.33 | 0.017 | 805 | 53 | 28 | 35 | 56 | 0.0 | 35.4 |

**********

Statistics for G001 0 FLT 25 Day 284

**********

Start Time 08:34:44 Start East 534091 Start Nrth 5458574
End Time 08:36:17 End East 534107 End Nrth 5458593

Elaps Time 00:01:33 Line Length = 0.025 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62279.24 | 0.000 | 1339 | 52 | 21 | 61 | 42 | 0.0 | 0.0 |
| Max | 62281.17 | 0.088 | 1523 | 99 | 56 | 112 | 73 | 0.0 | 41.0 |
| Mn | 62280.16 | 0.020 | 1431 | 74 | 38 | 86 | 57 | 0.0 | 9.5 |

**********

Statistics for G001 0 FLT 25 Day 284

**********

Start Time 08:36:49 Start East 534091 Start Nrth 5458557
End Time 08:38:36 End East 534108 End Nrth 5458578

Elaps Time 00:01:47 Line Length = 0.027 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62279.87 | 0.000 | 2719 | 137 | 166 | 28 | 41 | 0.0 | -2.0 |
| Max | 62281.76 | 0.079 | 2988 | 201 | 242 | 70 | 79 | 0.0 | 8.0 |
| Mn | 62281.03 | 0.019 | 2870 | 169 | 194 | 45 | 57 | 0.0 | 0.3 |

**********

Statistics for G001 0 FLT 25 Day 284

**********

Start Time 08:38:58 Start East 534072 Start Nrth 5458551
End Time 08:40:12 End East 534088 End Nrth 5458553

Elaps Time 00:01:14 Line Length = 0.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62280.89 | 0.000 | 718 | 38 | 18 | 22 | 42 | 0.0 | 14.2 |
| Max | 62281.36 | 0.075 | 896 | 70 | 42 | 53 | 74 | 0.0 | 54.0 |
| Mn | 62281.06 | 0.017 | 802 | 54 | 28 | 35 | 57 | 0.0 | 33.5 |

**********

Statistics for C001 0 FLT 25 Day 284

**********

Start Time 09:06:53 Start East 530818 Start Nrth 5461351
End Time 09:08:46 End East 531347 End Nrth 5464747

Elaps Time 00:01:53 Line Length = 3.437 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61625.70 | 0.000 | 63 | 4 | 0 | 0 | 43 | 212.0 | 63.0 |
| Max | 61854.85 | 0.098 | 470 | 57 | 20 | 21 | 78 | 275.0 | 81.0 |
| Mn | 61719.02 | 0.021 | 254 | 24 | 8 | 8 | 57 | 240.7 | 72.7 |

**********

Statistics for Y001 0 FLT 25 Day 284

**********

Start Time 09:09:36 Start East 531438 Start Nrth 5463479
End Time 09:11:25 End East 535001 End Nrth 5464754

Elaps Time 00:01:49 Line Length = 3.784 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61696.64 | 0.000 | 65 | 3 | 0 | 0 | 34 | 216.0 | 60.0 |
| Max | 61725.38 | 0.074 | 114 | 18 | 9 | 8 | 75 | 312.0 | 90.0 |
| Mn | 61711.48 | 0.018 | 93 | 10 | 3 | 2 | 57 | 259.0 | 72.6 |

**********

Statistics for Cal 2 FLT 26 Day 284

**********

Start Time 17:59:03 Start East 530818 Start Nrth 5461244
End Time 18:01:16 End East 531374 End Nrth 5464742

Elaps Time 00:02:13 Line Length = 3.542 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 67 | 2 | 0 | 0 | 39 | 220.0 | 61.0 |
| Max | 99999.00 | 0.000 | 500 | 63 | 19 | 21 | 76 | 286.0 | 84.0 |
| Mn | 99999.00 | 0.000 | 252 | 26 | 6 | 8 | 59 | 240.4 | 74.9 |

**********

Statistics for Z002 0 FLT 26 Day 284

**********

Start Time 18:02:49 Start East 531439 Start Nrth 5462408
End Time 18:04:33 End East 534733 End Nrth 5464633

Elaps Time 00:01:44 Line Length = 3.975 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 57 | 3 | 0 | 0 | 42 | 234.0 | 66.0 |
| Max | 99999.00 | 0.000 | 112 | 22 | 8 | 8 | 81 | 297.0 | 81.0 |
| Mn | 99999.00 | 0.000 | 84 | 11 | 2 | 2 | 59 | 268.5 | 74.9 |

**********

Statistics for H002 0 FLT 26 Day 284

**********

Start Time 18:15:34 Start East 534081 Start Nrth 5458522
End Time 18:17:30 End East 534089 End Nrth 5458536

Elaps Time 00:01:56 Line Length = 0.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 775 | 40 | 14 | 26 | 36 | 0.0 | 22.0 |
| Max | 99999.00 | 0.000 | 905 | 81 | 48 | 55 | 78 | 0.0 | 43.0 |
| Mn | 99999.00 | 0.000 | 841 | 55 | 28 | 38 | 55 | 0.0 | 32.9 |

**********

Statistics for H002 0 FLT 26 Day 284

**********

Start Time 18:18:29 Start East 534094 Start Nrth 5458549
End Time 18:20:22 End East 534114 End Nrth 5458586

Elaps Time 00:01:53 Line Length = 0.042 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 1345 | 56 | 26 | 63 | 41 | 0.0 | -39.0 |
| Max | 99999.00 | 0.000 | 1553 | 98 | 57 | 111 | 79 | 0.0 | 8.8 |
| Mn | 99999.00 | 0.000 | 1470 | 75 | 39 | 87 | 57 | 0.0 | -16.8 |

**********

Statistics for H002 0 FLT 26 Day 284

**********

Start Time 18:21:14 Start East 534091 Start Nrth 5458546
End Time 18:23:08 End East 534113 End Nrth 5458590

Elaps Time 00:01:54 Line Length = 0.049 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 2749 | 139 | 155 | 26 | 41 | 0.0 | -43.0 |
| Max | 99999.00 | 0.000 | 3076 | 213 | 240 | 62 | 79 | 0.0 | 13.0 |
| Mn | 99999.00 | 0.000 | 2922 | 174 | 200 | 45 | 58 | 0.0 | -19.7 |

**********

Statistics for H002 0 FLT 26 Day 284

**********

Start Time 18:23:55 Start East 534078 Start Nrth 5458517
End Time 18:25:32 End East 534083 End Nrth 5458525

Elaps Time 00:01:37 Line Length = 0.009 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 744 | 35 | 13 | 22 | 38 | 0.0 | 39.2 |
| Max | 99999.00 | 0.000 | 893 | 80 | 44 | 53 | 75 | 0.0 | 52.0 |
| Mn | 99999.00 | 0.000 | 821 | 54 | 27 | 36 | 57 | 0.0 | 48.2 |

**********

Statistics for G001 0 FLT 27 Day 285

**********

Start Time 08:31:48 Start East 534073 Start Nrth 5458562
End Time 08:34:06 End East 534100 End Nrth 5458579

Elaps Time 00:02:18 Line Length = 0.032 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62217.03 | 0.000 | 742 | 38 | 17 | 22 | 35 | 0.0 | -4.0 |
| Max | 62218.13 | 0.122 | 894 | 74 | 40 | 55 | 80 | 0.0 | 12.0 |
| Mn | 62217.63 | 0.021 | 819 | 54 | 27 | 36 | 54 | 0.0 | 2.6 |

**********

Statistics for G001 0 FLT 27 Day 285

**********

Start Time 08:34:38 Start East 534106 Start Nrth 5458590
End Time 08:36:32 End East 534126 End Nrth 5458624

Elaps Time 00:01:54 Line Length = 0.039 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62217.78 | 0.000 | 1351 | 50 | 19 | 59 | 40 | 0.0 | -34.0 |
| Max | 62219.27 | 0.087 | 1527 | 103 | 59 | 114 | 78 | 0.0 | 0.0 |
| Mn | 62218.46 | 0.020 | 1443 | 75 | 37 | 87 | 56 | 0.0 | -13.4 |

**********

Statistics for G001 0 FLT 27 Day 285

**********

Start Time 08:37:09 Start East 534076 Start Nrth 5458556
End Time 08:39:12 End East 534117 End Nrth 5458619

Elaps Time 00:02:03 Line Length = 0.075 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62217.52 | 0.000 | 2643 | 133 | 159 | 24 | 39 | 0.0 | -24.8 |
| Max | 62218.24 | 0.084 | 2983 | 197 | 233 | 63 | 81 | 0.0 | 32.0 |
| Mn | 62217.89 | 0.019 | 2851 | 167 | 193 | 42 | 57 | 0.0 | 1.4 |

**********

Statistics for G001 0 FLT 27 Day 285

**********

Start Time 08:39:30 Start East 534059 Start Nrth 5458537
End Time 08:41:34 End East 534074 End Nrth 5458549

Elaps Time 00:02:04 Line Length = 0.019 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62216.68 | 0.000 | 754 | 38 | 17 | 18 | 39 | 0.0 | 32.0 |
| Max | 62218.07 | 0.102 | 911 | 77 | 40 | 58 | 84 | 0.0 | 42.0 |
| Mn | 62217.36 | 0.022 | 818 | 54 | 28 | 36 | 56 | 0.0 | 38.4 |

**********

Statistics for C001 0 FLT 27 Day 285

**********

Start Time 09:09:02 Start East 530812 Start Nrth 5461235
End Time 09:11:06 End East 531385 End Nrth 5464872

Elaps Time 00:02:04 Line Length = 3.682 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61615.80 | 0.000 | 65 | 4 | 0 | 0 | 41 | 210.0 | 69.0 |
| Max | 61851.38 | 0.297 | 462 | 65 | 19 | 19 | 82 | 287.0 | 85.0 |
| Mn | 61722.04 | 0.025 | 243 | 25 | 7 | 8 | 57 | 250.7 | 76.3 |

**********

Statistics for Y001 0 FLT 27 Day 285

**********

Start Time 09:12:12 Start East 531562 Start Nrth 5462753
End Time 09:14:06 End East 535514 End Nrth 5464650

Elaps Time 00:01:54 Line Length = 4.384 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61707.43 | 0.000 | 60 | 2 | 0 | 0 | 40 | 269.0 | 75.0 |
| Max | 61724.65 | 0.079 | 112 | 19 | 10 | 7 | 81 | 347.0 | 99.0 |
| Mn | 61717.17 | 0.020 | 79 | 10 | 2 | 2 | 58 | 295.0 | 83.1 |

**********

Statistics for Cal 2 FLT 28 Day 285

**********

Start Time 17:15:20 Start East 530811 Start Nrth 5461274
End Time 17:17:52 End East 531413 End Nrth 5464771

Elaps Time 00:02:32 Line Length = 3.548 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61646.29 | 0.000 | 69 | 7 | 0 | 0 | 37 | 216.0 | 69.0 |
| Max | 61854.85 | 0.201 | 455 | 65 | 23 | 23 | 81 | 302.0 | 85.0 |
| Mn | 61731.47 | 0.023 | 253 | 26 | 7 | 8 | 58 | 255.2 | 77.1 |

**********

Statistics for Z002 0 FLT 28 Day 285

**********

Start Time 17:19:16 Start East 531407 Start Nrth 5462024
End Time 17:21:00 End East 534286 End Nrth 5464644

Elaps Time 00:01:44 Line Length = 3.893 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61703.36 | 0.000 | 57 | 2 | 0 | 0 | 42 | 339.6 | 94.0 |
| Max | 61733.89 | 0.113 | 110 | 19 | 7 | 7 | 80 | 427.0 | 120.0 |
| Mn | 61723.66 | 0.022 | 83 | 9 | 2 | 2 | 60 | 390.1 | 109.5 |

**********

Statistics for H002 0 FLT 28 Day 285

**********

Start Time 17:33:07 Start East 534083 Start Nrth 5458563
End Time 17:34:58 End East 534086 End Nrth 5458571

Elaps Time 00:01:51 Line Length = 0.009 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62338.18 | 0.000 | 772 | 40 | 14 | 20 | 43 | 0.0 | 22.0 |
| Max | 62339.42 | 0.146 | 915 | 78 | 43 | 54 | 81 | 0.0 | 56.0 |
| Mn | 62338.64 | 0.026 | 845 | 56 | 28 | 39 | 58 | 0.0 | 39.0 |

**********

Statistics for H002 0 FLT 28 Day 285

**********

Start Time 17:35:56 Start East 534085 Start Nrth 5458563
End Time 17:36:09 End East 534089 End Nrth 5458563

Elaps Time 00:00:13 Line Length = 0.004 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62338.26 | 0.000 | 1085 | 60 | 24 | 66 | 46 | 0.0 | 0.0 |
| Max | 62339.02 | 0.154 | 1522 | 87 | 47 | 96 | 69 | 0.0 | 2.8 |
| Mn | 62338.61 | 0.033 | 1399 | 73 | 36 | 81 | 58 | 0.0 | 0.7 |

**********

Statistics for H002 0 FLT 28 Day 285

**********

Start Time 17:36:49 Start East 534089 Start Nrth 5458538
End Time 17:38:42 End East 534094 End Nrth 5458562

Elaps Time 00:01:53 Line Length = 0.025 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62338.56 | 0.000 | 1367 | 45 | 21 | 64 | 38 | 0.0 | -38.0 |
| Max | 62339.69 | 0.143 | 1560 | 96 | 53 | 114 | 78 | 0.0 | 0.0 |
| Mn | 62339.08 | 0.026 | 1446 | 73 | 38 | 86 | 58 | 0.0 | -18.6 |

**********

Statistics for H002 0 FLT 28 Day 285

**********

Start Time 17:39:25 Start East 534086 Start Nrth 5458513
End Time 17:41:13 End East 534091 End Nrth 5458526

Elaps Time 00:01:48 Line Length = 0.014 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62338.76 | 0.000 | 2717 | 135 | 150 | 25 | 40 | 0.0 | -80.0 |
| Max | 62340.67 | 0.115 | 3000 | 208 | 231 | 60 | 78 | 0.0 | 0.0 |
| Mn | 62339.93 | 0.018 | 2855 | 168 | 192 | 44 | 56 | 0.0 | -72.9 |

**********

Statistics for H002 0 FLT 28 Day 285

**********

Start Time 17:42:07 Start East 534098 Start Nrth 5458555
End Time 17:44:01 End East 534112 End Nrth 5458586

Elaps Time 00:01:54 Line Length = 0.034 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62340.23 | 0.000 | 746 | 37 | 12 | 21 | 39 | 0.0 | -23.6 |
| Max | 62341.35 | 0.164 | 903 | 74 | 44 | 54 | 78 | 0.0 | 73.0 |
| Mn | 62340.86 | 0.027 | 821 | 55 | 27 | 37 | 58 | 0.0 | 28.3 |

**********

Statistics for G001 0 FLT 29 Day 286

**********

Start Time 08:47:36 Start East 534062 Start Nrth 5458524
End Time 08:49:34 End East 534121 End Nrth 5458575

Elaps Time 00:01:58 Line Length = 0.078 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62354.35 | 0.000 | 751 | 38 | 13 | 22 | 38 | 0.0 | -64.0 |
| Max | 62355.11 | 0.126 | 895 | 72 | 44 | 52 | 76 | 0.0 | 0.0 |
| Mn | 62354.77 | 0.020 | 820 | 55 | 28 | 37 | 56 | 0.0 | -51.0 |

**********

Statistics for G001 0 FLT 29 Day 286

**********

Start Time 08:50:16 Start East 534114 Start Nrth 5458557
End Time 08:51:57 End East 534122 End Nrth 5458570

Elaps Time 00:01:41 Line Length = 0.015 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62354.72 | 0.000 | 1330 | 52 | 22 | 66 | 40 | 0.0 | 6.0 |
| Max | 62355.12 | 0.070 | 1556 | 98 | 56 | 119 | 76 | 0.0 | 35.0 |
| Mn | 62354.88 | 0.019 | 1448 | 77 | 37 | 85 | 57 | 0.0 | 24.7 |

**********
Statistics for G001 0 FLT 29 Day 286
**********

Start Time 08:52:48 Start East 534066 Start Nrth 5458534
End Time 08:54:40 End East 534108 End Nrth 5458557

Elaps Time 00:01:52 Line Length = 0.048 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62351.94 | 0.000 | 2693 | 137 | 157 | 26 | 40 | 0.0 | -63.0 |
| Max | 62355.90 | 0.093 | 3009 | 201 | 231 | 66 | 79 | 0.0 | 0.0 |
| Mn | 62354.27 | 0.018 | 2873 | 167 | 197 | 43 | 57 | 0.0 | -45.7 |

**********
Statistics for G001 0 FLT 29 Day 286
**********

Start Time 08:54:58 Start East 534059 Start Nrth 5458535
End Time 08:56:36 End East 534074 End Nrth 5458568

Elaps Time 00:01:38 Line Length = 0.036 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62350.28 | 0.000 | 729 | 36 | 16 | 23 | 40 | 0.0 | 10.0 |
| Max | 62352.85 | 0.102 | 888 | 73 | 46 | 47 | 76 | 0.0 | 36.0 |
| Mn | 62351.40 | 0.019 | 815 | 54 | 27 | 35 | 56 | 0.0 | 28.7 |

**********
Statistics for C001 0 FLT 29 Day 286
**********

Start Time 09:15:32 Start East 530827 Start Nrth 5461354
End Time 09:17:31 End East 531352 End Nrth 5464778

Elaps Time 00:01:59 Line Length = 3.464 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61629.83 | 0.000 | 59 | 3 | 0 | 0 | 35 | 217.0 | 66.0 |
| Max | 61861.28 | 0.118 | 462 | 69 | 21 | 21 | 78 | 289.0 | 84.0 |
| Mn | 61722.11 | 0.021 | 237 | 24 | 6 | 7 | 57 | 248.5 | 76.3 |

**********

Statistics for Y001 0 FLT 29 Day 286

**********

Start Time 09:18:44 Start East 531573 Start Nrth 5462124
End Time 09:21:53 End East 539256 End Nrth 5464633

Elaps Time 00:03:09 Line Length = 8.082 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61681.19 | 0.000 | 58 | 2 | 0 | 0 | 37 | 255.0 | 68.0 |
| Max | 61722.22 | 0.100 | 116 | 18 | 9 | 10 | 87 | 388.0 | 110.0 |
| Mn | 61704.38 | 0.020 | 81 | 9 | 2 | 2 | 58 | 295.4 | 82.0 |

**********

Statistics for Cal 2 FLT 30 Day 286

**********

Start Time 19:00:20 Start East 530799 Start Nrth 5461187
End Time 19:02:38 End East 531421 End Nrth 5464982

Elaps Time 00:02:18 Line Length = 3.846 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61647.49 | 0.000 | 58 | 3 | 0 | 0 | 38 | 201.0 | 56.0 |
| Max | 61869.11 | 0.115 | 542 | 69 | 20 | 25 | 80 | 284.0 | 98.6 |
| Mn | 61744.09 | 0.024 | 255 | 27 | 7 | 8 | 60 | 244.4 | 70.7 |

**********

Statistics for Z002 0 FLT 30 Day 286

**********

Start Time 19:03:14 Start East 531447 Start Nrth 5461646
End Time 19:04:48 End East 534477 End Nrth 5464672

Elaps Time 00:01:34 Line Length = 4.282 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61717.63 | 0.000 | 65 | 3 | 0 | 0 | 44 | 237.0 | 72.0 |
| Max | 61747.23 | 0.105 | 116 | 19 | 8 | 8 | 81 | 305.0 | 108.0 |
| Mn | 61739.24 | 0.025 | 87 | 11 | 2 | 2 | 61 | 275.6 | 95.1 |

**********

Statistics for H002 0 FLT 30 Day 286

**********

Start Time 19:14:08 Start East 534089 Start Nrth 5458545
End Time 19:15:23 End East 534091 End Nrth 5458546

Elaps Time 00:01:15 Line Length = 0.002 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62350.65 | 0.000 | 792 | 46 | 20 | 25 | 43 | 0.0 | 11.0 |
| Max | 62351.09 | 0.088 | 925 | 75 | 45 | 55 | 77 | 0.0 | 16.0 |
| Mn | 62350.81 | 0.021 | 862 | 57 | 29 | 38 | 58 | 0.0 | 13.9 |

**********

Statistics for H002 0 FLT 30 Day 286

**********

Start Time 19:16:37 Start East 534091 Start Nrth 5458540
End Time 19:18:20 End East 534108 End Nrth 5458546

Elaps Time 00:01:43 Line Length = 0.018 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62350.55 | 0.000 | 1395 | 50 | 25 | 58 | 40 | 0.0 | 13.0 |
| Max | 62351.21 | 0.117 | 1575 | 98 | 58 | 109 | 79 | 0.0 | 79.0 |
| Mn | 62350.82 | 0.024 | 1480 | 75 | 40 | 86 | 59 | 0.0 | 56.3 |

**********

Statistics for H002 0 FLT 30 Day 286

**********

Start Time 19:19:27 Start East 534089 Start Nrth 5458545
End Time 19:20:53 End East 534091 End Nrth 5458547

Elaps Time 00:01:26 Line Length = 0.003 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62351.00 | 0.000 | 2753 | 134 | 169 | 28 | 34 | 0.0 | 10.0 |
| Max | 62351.37 | 0.137 | 3010 | 209 | 235 | 63 | 72 | 0.0 | 13.0 |
| Mn | 62351.23 | 0.023 | 2893 | 172 | 198 | 45 | 57 | 0.0 | 11.5 |

**********

Statistics for H002 0 FLT 30 Day 286

**********

Start Time 19:21:41 Start East 534088 Start Nrth 5458544
End Time 19:23:39 End East 534090 End Nrth 5458546

Elaps Time 00:01:58 Line Length = 0.003 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62348.00 | 0.000 | 793 | 38 | 18 | 22 | 40 | 0.0 | 10.0 |
| Max | 62353.62 | 0.613 | 915 | 74 | 42 | 58 | 83 | 0.0 | 15.0 |
| Mn | 62352.10 | 0.030 | 847 | 55 | 29 | 38 | 57 | 0.0 | 12.9 |

# APPENDIX 6

# DATA STATISTICS

## Ground Calibration and Test Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Pipers River |
| Area: | 3 |
| Flight: | 1 - 11 |

**********

Statistics for G001 0 FLT 1 Day 264

**********

Start Time 14:06:12 Start East 534085 Start Nrth 5458543
End Time 14:09:31 End East 534088 End Nrth 5458546

Elaps Time 00:03:19 Line Length = 0.004 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62364.23 | 0.000 | 765 | 37 | 16 | 19 | 36 | 0.0 | 32.0 |
| Max | 62371.11 | 1.039 | 941 | 79 | 46 | 59 | 80 | 0.0 | 37.0 |
| Mn | 62368.71 | 0.107 | 847 | 55 | 29 | 38 | 58 | 0.0 | 34.4 |

**********

Statistics for G001 0 FLT 1 Day 264

**********

Start Time 14:10:35 Start East 534085 Start Nrth 5458544
End Time 14:12:54 End East 534089 End Nrth 5458546

Elaps Time 00:02:19 Line Length = 0.004 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62369.97 | 0.000 | 1088 | 43 | 17 | 43 | 38 | 0.0 | 32.0 |
| Max | 62370.71 | 0.171 | 1294 | 88 | 49 | 92 | 81 | 0.0 | 37.0 |
| Mn | 62370.38 | 0.035 | 1186 | 67 | 34 | 64 | 60 | 0.0 | 34.3 |

**********

Statistics for G001 0 FLT 1 Day 264

**********

Start Time 14:13:46 Start East 534086 Start Nrth 5458545
End Time 14:15:00 End East 534090 End Nrth 5458547

Elaps Time 00:01:14 Line Length = 0.004 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62369.98 | 0.000 | 1922 | 104 | 96 | 30 | 40 | 0.0 | 32.0 |
| Max | 62370.65 | 0.131 | 2131 | 151 | 157 | 66 | 79 | 0.0 | 37.0 |
| Mn | 62370.39 | 0.031 | 2023 | 121 | 123 | 43 | 57 | 0.0 | 34.6 |

**********

Statistics for G001 0 FLT 1 Day 264

**********

Start Time 14:15:22 Start East 534086 Start Nrth 5458543
End Time 14:17:16 End East 534088 End Nrth 5458546

Elaps Time 00:01:54 Line Length = 0.004 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62364.21 | 0.000 | 770 | 32 | 17 | 21 | 44 | 0.0 | 32.0 |
| Max | 62370.89 | 0.239 | 936 | 80 | 49 | 53 | 88 | 0.0 | 39.0 |
| Mn | 62370.01 | 0.043 | 847 | 54 | 28 | 37 | 60 | 0.0 | 34.9 |

**********

Statistics for C001 0 FLT 1 Day 264

**********

Start Time 14:29:13 Start East 530845 Start Nrth 5461680
End Time 14:31:01 End East 531399 End Nrth 5464952

Elaps Time 00:01:48 Line Length = 3.319 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61632.13 | 0.000 | 61 | 5 | 0 | 0 | 42 | 200.0 | 71.0 |
| Max | 61857.81 | 0.140 | 467 | 68 | 18 | 19 | 84 | 300.0 | 84.0 |
| Mn | 61723.29 | 0.024 | 218 | 22 | 6 | 7 | 61 | 247.9 | 75.6 |

**********

Statistics for Y001 0 FLT 1 Day 264

**********

Start Time 14:31:49 Start East 531161 Start Nrth 5463113
End Time 14:32:38 End East 532538 End Nrth 5464639

Elaps Time 00:00:49 Line Length = 2.055 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61694.29 | 0.000 | 58 | 2 | 0 | 0 | 49 | 247.0 | 70.0 |
| Max | 61733.41 | 0.088 | 105 | 19 | 7 | 8 | 300 | 320.0 | 91.0 |
| Mn | 61715.50 | 0.019 | 79 | 10 | 2 | 3 | 66 | 273.2 | 76.9 |

**********

Statistics for G001 0 FLT 2 Day 265

**********

Start Time 09:29:13 Start East 534088 Start Nrth 5458543
End Time 09:31:38 End East 534090 End Nrth 5458546

Elaps Time 00:02:25 Line Length = 0.004 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62450.98 | 0.000 | 760 | 36 | 17 | 17 | 40 | 0.0 | 0.0 |
| Max | 62452.61 | 0.126 | 915 | 73 | 53 | 53 | 76 | 0.0 | 0.0 |
| Mn | 62451.75 | 0.029 | 841 | 55 | 30 | 37 | 58 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 2 Day 265

**********

Start Time 09:32:45 Start East 534088 Start Nrth 5458544
End Time 09:34:36 End East 534091 End Nrth 5458546

Elaps Time 00:01:51 Line Length = 0.004 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62451.51 | 0.000 | 1064 | 40 | 21 | 41 | 38 | 0.0 | 0.0 |
| Max | 62452.28 | 0.111 | 1244 | 82 | 48 | 84 | 82 | 0.0 | 0.0 |
| Mn | 62452.05 | 0.031 | 1159 | 63 | 34 | 63 | 59 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 2 Day 265

**********

Start Time 09:37:20 Start East 534088 Start Nrth 5458543
End Time 09:38:27 End East 534090 End Nrth 5458547

Elaps Time 00:01:07 Line Length = 0.004 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62452.36 | 0.000 | 1910 | 89 | 94 | 31 | 42 | 0.0 | 0.0 |
| Max | 62453.24 | 0.109 | 2139 | 142 | 147 | 56 | 79 | 0.0 | 0.0 |
| Mn | 62452.86 | 0.033 | 2024 | 117 | 123 | 41 | 58 | 0.0 | 0.0 |

**********
Statistics for G001 0 FLT 2 Day 265
**********

Start Time 09:39:38 Start East 534089 Start Nrth 5458544
End Time 09:41:07 End East 534091 End Nrth 5458547

Elaps Time 00:01:29 Line Length = 0.004 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62453.35 | 0.000 | 778 | 29 | 17 | 24 | 39 | 0.0 | 0.0 |
| Max | 62453.70 | 0.124 | 933 | 72 | 46 | 59 | 86 | 0.0 | 0.0 |
| Mn | 62453.51 | 0.027 | 842 | 54 | 30 | 37 | 56 | 0.0 | 0.0 |

**********
Statistics for C001 0 FLT 3 Day 265
**********

Start Time 10:33:35 Start East 530808 Start Nrth 5461324
End Time 10:35:33 End East 531335 End Nrth 5464716

Elaps Time 00:01:58 Line Length = 3.433 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61630.58 | 0.000 | 68 | 6 | 0 | 0 | 36 | 186.0 | 64.0 |
| Max | 61861.37 | 0.087 | 447 | 64 | 16 | 23 | 78 | 277.0 | 83.0 |
| Mn | 61726.72 | 0.021 | 262 | 27 | 7 | 9 | 60 | 195.5 | 71.2 |

**********
Statistics for Y001 0 FLT 3 Day 265
**********

Start Time 10:36:20 Start East 531418 Start Nrth 5463449
End Time 10:37:09 End East 532522 End Nrth 5464699

Elaps Time 00:00:49 Line Length = 1.668 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61693.71 | 0.000 | 61 | 2 | 0 | 0 | 44 | 368.0 | 96.0 |
| Max | 61728.19 | 0.072 | 133 | 18 | 8 | 9 | 78 | 385.0 | 111.0 |
| Mn | 61713.87 | 0.019 | 83 | 9 | 3 | 2 | 61 | 377.1 | 102.9 |

**********

Statistics for Cal 2 FLT 3 Day 265

**********

Start Time 17:17:52 Start East 530783 Start Nrth 5461103
End Time 17:19:55 End East 531337 End Nrth 5464819

Elaps Time 00:02:03 Line Length = 3.757 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61635.83 | 0.000 | 79 | 6 | 0 | 0 | 44 | 174.0 | 67.0 |
| Max | 61898.99 | 0.104 | 508 | 83 | 20 | 25 | 76 | 205.6 | 100.0 |
| Mn | 61741.07 | 0.020 | 262 | 27 | 7 | 9 | 59 | 184.8 | 77.4 |

**********

Statistics for Z002 0 FLT 3 Day 265

**********

Start Time 17:20:17 Start East 531274 Start Nrth 5462650
End Time 17:21:36 End East 533170 End Nrth 5464649

Elaps Time 00:01:19 Line Length = 2.755 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61709.17 | 0.000 | 72 | 2 | 0 | 0 | 38 | 184.0 | 80.0 |
| Max | 61748.33 | 0.064 | 115 | 18 | 9 | 10 | 78 | 296.0 | 104.0 |
| Mn | 61731.68 | 0.021 | 89 | 11 | 2 | 2 | 60 | 197.6 | 91.1 |

**********

Statistics for H002 0 FLT 3 Day 265

**********

Start Time 17:52:25 Start East 534080 Start Nrth 5458554
End Time 17:54:47 End East 534088 End Nrth 5458571

Elaps Time 00:02:22 Line Length = 0.019 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 1386 | 55 | 24 | 63 | 38 | 0.0 | 0.0 |
| Max | 99999.00 | 0.000 | 1585 | 96 | 58 | 114 | 78 | 0.0 | 0.0 |
| Mn | 99999.00 | 0.000 | 1477 | 74 | 41 | 88 | 58 | 0.0 | 0.0 |

**********

Statistics for H002 0 FLT 3 Day 265

**********

Start Time 17:55:17 Start East 534083 Start Nrth 5458504
End Time 17:57:20 End East 534087 End Nrth 5458544

Elaps Time 00:02:03 Line Length = 0.040 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 2712 | 140 | 161 | 31 | 35 | 0.0 | 0.0 |
| Max | 99999.00 | 0.000 | 2974 | 209 | 241 | 64 | 82 | 0.0 | 0.0 |
| Mn | 99999.00 | 0.000 | 2843 | 175 | 190 | 48 | 59 | 0.0 | 0.0 |

**********

Statistics for H002 0 FLT 3 Day 265

**********

Start Time 17:57:47 Start East 534084 Start Nrth 5458499
End Time 17:59:50 End East 534089 End Nrth 5458521

Elaps Time 00:02:03 Line Length = 0.023 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 780 | 36 | 19 | 22 | 37 | 0.0 | 0.0 |
| Max | 99999.00 | 0.000 | 955 | 84 | 45 | 59 | 89 | 0.0 | 0.0 |
| Mn | 99999.00 | 0.000 | 875 | 57 | 31 | 40 | 58 | 0.0 | 0.0 |

**********

Statistics for H002 0 FLT 3 Day 265

**********

Start Time 17:33:35 Start East 534078 Start Nrth 5457866
End Time 17:35:54 End East 534106 End Nrth 5458535

Elaps Time 00:02:18 Line Length = 0.670 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 48.02 | 0.000 | 927 | 47 | 18 | 34 | 38 | 0.0 | 0.0 |
| Max | 99999.00 | %88672.758 | 1609 | 97 | 56 | 124 | 85 | 0.0 | 0.0 |
| Mn | 66605.16 | 5144.065 | 1472 | 74 | 41 | 86 | 59 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 4 Day 266

**********

Start Time 09:05:50 Start East 534090 Start Nrth 5458492
End Time 09:08:02 End East 534098 End Nrth 5458549

Elaps Time 00:02:12 Line Length = 0.058 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62441.29 | 0.000 | 807 | 40 | 18 | 25 | 37 | 0.0 | 0.0 |
| Max | 62441.81 | 0.073 | 969 | 73 | 50 | 54 | 80 | 0.0 | 0.0 |
| Mn | 62441.55 | 0.020 | 888 | 57 | 31 | 39 | 56 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 4 Day 266

**********

Start Time 09:08:44 Start East 534053 Start Nrth 5458472
End Time 09:11:00 End East 534084 End Nrth 5458502

Elaps Time 00:02:16 Line Length = 0.043 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62437.53 | 0.000 | 1421 | 58 | 28 | 60 | 38 | 0.0 | 0.0 |
| Max | 62441.78 | 0.065 | 1660 | 103 | 59 | 117 | 78 | 0.0 | 0.0 |
| Mn | 62441.37 | 0.018 | 1538 | 79 | 41 | 90 | 57 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 4 Day 266

**********

Start Time 09:12:37 Start East 534042 Start Nrth 5458489
End Time 09:17:01 End East 534099 End Nrth 5458549

Elaps Time 00:04:24 Line Length = 0.083 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62441.83 | 0.000 | 2861 | 139 | 162 | 27 | 38 | 0.0 | 0.0 |
| Max | 62442.80 | 0.068 | 3158 | 218 | 247 | 69 | 79 | 0.0 | 0.0 |
| Mn | 62442.41 | 0.018 | 3010 | 177 | 205 | 47 | 56 | 0.0 | 0.0 |

**********
Statistics for G001 0 FLT 4 Day 266
**********

Start Time 09:17:53 Start East 534066 Start Nrth 5458567
End Time 09:19:45 End East 534075 End Nrth 5458580

Elaps Time 00:01:52 Line Length = 0.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62440.99 | 0.000 | 837 | 44 | 18 | 27 | 38 | 0.0 | 0.0 |
| Max | 62443.77 | 0.484 | 993 | 82 | 52 | 56 | 75 | 0.0 | 0.0 |
| Mn | 62442.84 | 0.040 | 892 | 59 | 32 | 40 | 56 | 0.0 | 0.0 |

**********
Statistics for C001 0 FLT 4 Day 266
**********

Start Time 09:34:09 Start East 530723 Start Nrth 5461208
End Time 09:36:17 End East 531324 End Nrth 5464864

Elaps Time 00:02:08 Line Length = 3.705 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61649.94 | 0.000 | 95 | 6 | 1 | 0 | 39 | 0.0 | 82.0 |
| Max | 61860.46 | 0.114 | 531 | 66 | 30 | 24 | 78 | 1.6 | 159.2 |
| Mn | 61731.98 | 0.019 | 284 | 28 | 8 | 8 | 57 | 0.0 | 105.7 |

**********
Statistics for Y001 0 FLT 4 Day 266
**********

Start Time 09:36:46 Start East 531144 Start Nrth 5462303
End Time 09:38:40 End East 533424 End Nrth 5464748

Elaps Time 00:01:54 Line Length = 3.343 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61705.69 | 0.000 | 93 | 4 | 0 | 0 | 42 | 0.0 | 76.0 |
| Max | 61740.17 | 0.098 | 175 | 22 | 15 | 8 | 78 | 156.0 | 94.0 |
| Mn | 61725.51 | 0.020 | 120 | 11 | 5 | 2 | 57 | 1.4 | 87.0 |

**********

Statistics for Cal 2 FLT 5 Day 266

**********

Start Time 17:10:00 Start East 530757 Start Nrth 5461101
End Time 17:11:58 End East 531331 End Nrth 5464714

Elaps Time 00:01:58 Line Length = 3.658 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61639.42 | 0.000 | 65 | 5 | 0 | 0 | 37 | 187.0 | 60.0 |
| Max | 61875.23 | 0.095 | 496 | 68 | 22 | 28 | 81 | 290.0 | 116.0 |
| Mn | 61742.84 | 0.020 | 275 | 28 | 8 | 9 | 59 | 225.7 | 78.9 |

**********

Statistics for Z002 0 FLT 5 Day 266

**********

Start Time 17:12:30 Start East 531405 Start Nrth 5462670
End Time 17:13:29 End East 532901 End Nrth 5464440

Elaps Time 00:00:59 Line Length = 2.318 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61711.42 | 0.000 | 73 | 4 | 0 | 0 | 36 | 272.0 | 113.0 |
| Max | 61742.78 | 0.062 | 135 | 23 | 8 | 8 | 72 | 324.0 | 119.0 |
| Mn | 61728.04 | 0.018 | 91 | 11 | 3 | 2 | 57 | 292.9 | 115.2 |

**********

Statistics for H002 0 FLT 5 Day 266

**********

Start Time 17:26:40 Start East 534083 Start Nrth 5458549
End Time 17:28:38 End East 534100 End Nrth 5458561

Elaps Time 00:01:58 Line Length = 0.021 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62457.54 | 0.000 | 826 | 35 | 17 | 23 | 42 | 0.0 | 0.0 |
| Max | 62458.16 | 0.104 | 1019 | 81 | 52 | 58 | 78 | 0.0 | 1.0 |
| Mn | 62457.91 | 0.024 | 900 | 58 | 31 | 41 | 57 | 0.0 | 0.1 |

**********

Statistics for H002 0 FLT 5 Day 266

**********

Start Time 17:30:01 Start East 534078 Start Nrth 5458559
End Time 17:32:16 End East 534084 End Nrth 5458564

Elaps Time 00:02:15 Line Length = 0.008 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62457.49 | 0.000 | 1401 | 52 | 29 | 68 | 41 | 0.0 | 0.0 |
| Max | 62457.98 | 0.081 | 1598 | 101 | 60 | 119 | 82 | 1.0 | 1.0 |
| Mn | 62457.74 | 0.023 | 1494 | 76 | 41 | 89 | 57 | 0.0 | 0.1 |

**********

Statistics for H002 0 FLT 5 Day 266

**********

Start Time 17:34:10 Start East 534076 Start Nrth 5458535
End Time 17:36:39 End East 534101 End Nrth 5458572

Elaps Time 00:02:29 Line Length = 0.045 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62457.22 | 0.000 | 2707 | 139 | 151 | 28 | 41 | 0.0 | 0.0 |
| Max | 62458.39 | 0.107 | 2986 | 219 | 226 | 67 | 79 | 1.0 | 1.0 |
| Mn | 62457.68 | 0.025 | 2864 | 177 | 191 | 47 | 58 | 0.0 | 0.1 |

**********

Statistics for H002 0 FLT 5 Day 266

**********

Start Time 17:37:13 Start East 534109 Start Nrth 5458494
End Time 17:39:13 End East 534120 End Nrth 5458523

Elaps Time 00:02:00 Line Length = 0.031 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62450.15 | 0.000 | 800 | 41 | 16 | 22 | 37 | 0.0 | 0.0 |
| Max | 62457.48 | 0.124 | 950 | 83 | 45 | 54 | 82 | 0.0 | 1.0 |
| Mn | 62457.07 | 0.026 | 878 | 58 | 29 | 39 | 57 | 0.0 | 0.2 |

**********

Statistics for G001 0 FLT 6 Day 267

**********

Start Time 08:27:54 Start East 534067 Start Nrth 5458521
End Time 08:31:29 End East 534084 End Nrth 5458546

Elaps Time 00:03:35 Line Length = 0.030 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62454.24 | 0.000 | 814 | 39 | 18 | 25 | 39 | 0.0 | 0.0 |
| Max | 62455.53 | 0.137 | 989 | 80 | 44 | 60 | 80 | 0.0 | 21.0 |
| Mn | 62454.93 | 0.027 | 884 | 58 | 31 | 38 | 56 | 0.0 | 10.4 |

**********

Statistics for G001 0 FLT 6 Day 267

**********

Start Time 08:32:35 Start East 534086 Start Nrth 5458545
End Time 08:34:15 End East 534088 End Nrth 5458548

Elaps Time 00:01:40 Line Length = 0.004 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62455.24 | 0.000 | 1390 | 55 | 27 | 61 | 39 | 0.0 | 1.0 |
| Max | 62457.29 | 0.100 | 1602 | 119 | 52 | 110 | 75 | 0.0 | 7.0 |
| Mn | 62456.41 | 0.021 | 1509 | 79 | 40 | 88 | 56 | 0.0 | 3.7 |

**********

Statistics for G001 0 FLT 6 Day 267

**********

Start Time 08:35:02 Start East 534084 Start Nrth 5458544
End Time 08:36:43 End East 534089 End Nrth 5458547

Elaps Time 00:01:41 Line Length = 0.006 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62460.56 | 0.000 | 2687 | 132 | 158 | 28 | 37 | 0.0 | 4.0 |
| Max | 62461.60 | 0.066 | 3070 | 213 | 227 | 60 | 76 | 0.0 | 6.0 |
| Mn | 62460.87 | 0.017 | 2910 | 167 | 197 | 45 | 57 | 0.0 | 5.1 |

**********

Statistics for G001 0 FLT 6 Day 267

**********

Start Time 08:37:20 Start East 534084 Start Nrth 5458544
End Time 08:43:41 End East 534090 End Nrth 5458550

Elaps Time 00:06:21 Line Length = 0.008 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62442.75 | 0.000 | 802 | 40 | 12 | 25 | 36 | 0.0 | 2.0 |
| Max | 62464.37 | 7.340 | 983 | 85 | 51 | 60 | 90 | 2484.0 | 9.0 |
| Mn | 62460.69 | 0.038 | 884 | 61 | 30 | 39 | 56 | 178.8 | 5.9 |

**********

Statistics for C001 0 FLT 6 Day 267

**********

Start Time 08:49:06 Start East 530823 Start Nrth 5461528
End Time 08:50:50 End East 531341 End Nrth 5464974

Elaps Time 00:01:44 Line Length = 3.485 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61644.96 | 0.000 | 81 | 4 | 0 | 0 | 41 | 192.0 | 51.0 |
| Max | 61865.24 | 0.102 | 485 | 73 | 20 | 23 | 77 | 309.0 | 83.0 |
| Mn | 61728.20 | 0.020 | 249 | 25 | 7 | 7 | 58 | 232.9 | 68.8 |

**********

Statistics for Y001 0 FLT 6 Day 267

**********

Start Time 08:51:13 Start East 531181 Start Nrth 5462557
End Time 08:52:31 End East 533238 End Nrth 5464659

Elaps Time 00:01:18 Line Length = 2.941 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61704.02 | 0.000 | 79 | 4 | 1 | 0 | 44 | 235.0 | 64.0 |
| Max | 61738.78 | 0.074 | 138 | 22 | 12 | 8 | 79 | 328.0 | 94.0 |
| Mn | 61724.47 | 0.019 | 104 | 10 | 4 | 3 | 57 | 276.0 | 75.7 |

**********

Statistics for Cal 2 FLT 7 Day 267

**********

Start Time 16:58:20 Start East 530740 Start Nrth 5461154
End Time 17:00:13 End East 531380 End Nrth 5464906

Elaps Time 00:01:53 Line Length = 3.806 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61638.22 | 0.000 | 73 | 4 | 0 | 0 | 40 | 209.0 | 70.0 |
| Max | 61869.03 | 0.096 | 492 | 73 | 19 | 24 | 80 | 400.0 | 112.0 |
| Mn | 61734.73 | 0.022 | 255 | 26 | 7 | 8 | 59 | 262.9 | 80.0 |

**********

Statistics for Z002 0 FLT 7 Day 267

**********

Start Time 17:00:32 Start East 531441 Start Nrth 5462053
End Time 17:01:46 End East 533373 End Nrth 5464446

Elaps Time 00:01:14 Line Length = 3.076 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61708.22 | 0.000 | 66 | 4 | 0 | 0 | 41 | 337.0 | 97.0 |
| Max | 61736.20 | 0.085 | 122 | 18 | 11 | 9 | 76 | 444.0 | 139.0 |
| Mn | 61725.63 | 0.020 | 95 | 11 | 3 | 2 | 60 | 403.9 | 119.4 |

**********

Statistics for H002 0 FLT 7 Day 267

**********

Start Time 17:11:59 Start East 534078 Start Nrth 5458529
End Time 17:13:36 End East 534096 End Nrth 5458545

Elaps Time 00:01:37 Line Length = 0.024 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62341.32 | 0.000 | 852 | 45 | 19 | 23 | 42 | 0.0 | -4.0 |
| Max | 62343.03 | 0.146 | 1018 | 84 | 48 | 60 | 82 | 1.0 | 16.0 |
| Mn | 62342.09 | 0.022 | 925 | 60 | 33 | 41 | 58 | 0.0 | 5.0 |

**********

Statistics for H002 0 FLT 7 Day 267

**********

Start Time 17:14:23 Start East 534099 Start Nrth 5458525
End Time 17:15:36 End East 534106 End Nrth 5458536

Elaps Time 00:01:13 Line Length = 0.013 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62279.41 | 0.000 | 1451 | 61 | 26 | 69 | 31 | 0.0 | -9.0 |
| Max | 62346.32 | 5.634 | 1636 | 108 | 58 | 118 | 74 | 0.0 | 1.0 |
| Mn | 62343.43 | 0.096 | 1533 | 79 | 42 | 90 | 56 | 0.0 | -6.4 |

**********

Statistics for H002 0 FLT 7 Day 267

**********

Start Time 17:16:40 Start East 534081 Start Nrth 5458531
End Time 17:18:14 End East 534101 End Nrth 5458546

Elaps Time 00:01:34 Line Length = 0.025 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62343.94 | 0.000 | 1530 | 88 | 42 | 32 | 34 | 0.0 | -12.0 |
| Max | 62352.30 | 0.431 | 3096 | 212 | 233 | 79 | 80 | 0.0 | 0.0 |
| Mn | 62349.99 | 0.030 | 2933 | 176 | 197 | 48 | 57 | 0.0 | -8.1 |

**********

Statistics for H002 0 FLT 7 Day 267

**********

Start Time 17:18:35 Start East 534064 Start Nrth 5458528
End Time 17:20:38 End East 534089 End Nrth 5458556

Elaps Time 00:02:03 Line Length = 0.038 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62351.55 | 0.000 | 827 | 40 | 18 | 21 | 39 | 0.0 | -0.8 |
| Max | 62352.85 | 0.121 | 971 | 83 | 44 | 57 | 86 | 0.0 | 19.0 |
| Mn | 62352.34 | 0.024 | 899 | 60 | 30 | 41 | 57 | 0.0 | 13.2 |

**********

Statistics for G001 0 FLT 8 Day 268

**********

Start Time 09:10:04 Start East 534054 Start Nrth 5458481
End Time 09:11:55 End East 534091 End Nrth 5458492

Elaps Time 00:01:51 Line Length = 0.039 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62415.95 | 0.000 | 805 | 45 | 15 | 25 | 39 | 0.0 | -68.0 |
| Max | 62416.90 | 0.086 | 974 | 81 | 54 | 61 | 76 | 0.0 | 115.0 |
| Mn | 62416.50 | 0.020 | 899 | 60 | 31 | 40 | 56 | 0.0 | 35.6 |

**********

Statistics for G001 0 FLT 8 Day 268

**********

Start Time 09:12:27 Start East 534047 Start Nrth 5458493
End Time 09:13:59 End East 534055 End Nrth 5458524

Elaps Time 00:01:32 Line Length = 0.032 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62415.82 | 0.000 | 1392 | 58 | 30 | 63 | 42 | 0.0 | 61.0 |
| Max | 62418.38 | 0.095 | 1631 | 106 | 53 | 117 | 77 | 0.0 | 129.0 |
| Mn | 62417.02 | 0.023 | 1521 | 80 | 41 | 90 | 55 | 0.0 | 105.8 |

**********

Statistics for G001 0 FLT 8 Day 268

**********

Start Time 09:14:41 Start East 534066 Start Nrth 5458510
End Time 09:16:35 End East 534102 End Nrth 5458526

Elaps Time 00:01:54 Line Length = 0.039 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62413.67 | 0.000 | 2799 | 135 | 155 | 31 | 37 | 0.0 | -28.0 |
| Max | 62416.64 | 0.098 | 3143 | 201 | 234 | 62 | 74 | 0.0 | 21.8 |
| Mn | 62415.65 | 0.022 | 2953 | 172 | 199 | 48 | 57 | 0.0 | -14.1 |

**********

Statistics for G001 0 FLT 8 Day 268

**********

Start Time 09:16:44 Start East 534086 Start Nrth 5458514
End Time 09:18:02 End East 534120 End Nrth 5458549

Elaps Time 00:01:18 Line Length = 0.049 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62415.74 | 0.000 | 836 | 39 | 14 | 26 | 39 | 0.0 | -53.0 |
| Max | 62416.86 | 0.077 | 962 | 77 | 41 | 62 | 76 | 0.0 | 5.0 |
| Mn | 62416.41 | 0.020 | 895 | 60 | 30 | 39 | 56 | 0.0 | -16.2 |

**********

Statistics for C001 0 FLT 8 Day 268

**********

Start Time 09:28:41 Start East 530770 Start Nrth 5461258
End Time 09:30:09 End East 531318 End Nrth 5464606

Elaps Time 00:01:28 Line Length = 3.393 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61648.80 | 0.000 | 72 | 2 | 0 | 0 | 40 | 215.0 | 71.0 |
| Max | 61843.08 | 0.103 | 454 | 68 | 19 | 22 | 74 | 302.0 | 89.0 |
| Mn | 61729.97 | 0.021 | 256 | 25 | 7 | 8 | 57 | 268.0 | 83.3 |

**********

Statistics for Y001 0 FLT 8 Day 268

**********

Start Time 09:30:36 Start East 531133 Start Nrth 5462148
End Time 09:32:10 End East 533421 End Nrth 5464721

Elaps Time 00:01:34 Line Length = 3.443 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61704.48 | 0.000 | 68 | 2 | 0 | 0 | 37 | 272.0 | 75.0 |
| Max | 61732.73 | 0.105 | 126 | 18 | 9 | 8 | 80 | 383.0 | 105.0 |
| Mn | 61721.26 | 0.021 | 90 | 10 | 3 | 2 | 56 | 304.1 | 85.6 |

**********

Statistics for G001 0 FLT 10 Day 271

**********

Start Time 12:02:30 Start East 534088 Start Nrth 5458570
End Time 12:04:45 End East 534098 End Nrth 5458572

Elaps Time 00:02:15 Line Length = 0.010 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62458.17 | 0.000 | 812 | 36 | 14 | 20 | 41 | 0.0 | -23.0 |
| Max | 62459.19 | 0.083 | 947 | 77 | 47 | 55 | 82 | 0.0 | 0.0 |
| Mn | 62458.73 | 0.022 | 880 | 58 | 31 | 38 | 57 | 0.0 | -18.6 |

**********

Statistics for G001 0 FLT 10 Day 271

**********

Start Time 12:05:22 Start East 534100 Start Nrth 5458569
End Time 12:07:33 End East 534120 End Nrth 5458594

Elaps Time 00:02:11 Line Length = 0.032 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62458.37 | 0.000 | 1422 | 55 | 26 | 68 | 36 | 0.0 | -74.0 |
| Max | 62458.97 | 0.084 | 1635 | 108 | 56 | 112 | 82 | 0.0 | 0.0 |
| Mn | 62458.66 | 0.023 | 1520 | 78 | 40 | 90 | 56 | 0.0 | -32.8 |

**********

Statistics for G001 0 FLT 10 Day 271

**********

Start Time 12:08:29 Start East 534085 Start Nrth 5458544
End Time 12:10:36 End East 534137 End Nrth 5458592

Elaps Time 00:02:07 Line Length = 0.071 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62458.23 | 0.000 | 2813 | 135 | 153 | 31 | 36 | 0.0 | -32.8 |
| Max | 62458.93 | 0.102 | 3067 | 214 | 254 | 62 | 81 | 0.0 | 8.0 |
| Mn | 62458.53 | 0.022 | 2963 | 173 | 201 | 46 | 57 | 0.0 | -7.0 |

**********

Statistics for G001 0 FLT 10 Day 271

**********

Start Time 12:11:05 Start East 534104 Start Nrth 5458525
End Time 12:13:55 End East 534112 End Nrth 5458555

Elaps Time 00:02:50 Line Length = 0.031 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62458.46 | 0.000 | 806 | 26 | 16 | 23 | 40 | 0.0 | -1.0 |
| Max | 62459.14 | 0.080 | 969 | 82 | 45 | 55 | 77 | 0.0 | 43.0 |
| Mn | 62458.81 | 0.018 | 882 | 59 | 30 | 39 | 56 | 0.0 | 28.1 |

**********

Statistics for C001 0 FLT 10 Day 271

**********

Start Time 13:10:31 Start East 530799 Start Nrth 5461258
End Time 13:12:30 End East 531239 End Nrth 5464605

Elaps Time 00:01:59 Line Length = 3.376 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61635.17 | 0.000 | 82 | 3 | 1 | 0 | 42 | 211.0 | 63.0 |
| Max | 61847.13 | 0.134 | 486 | 78 | 23 | 27 | 77 | 280.0 | 83.0 |
| Mn | 61727.79 | 0.023 | 283 | 28 | 9 | 8 | 58 | 247.0 | 75.4 |

**********

Statistics for Y001 0 FLT 10 Day 271

**********

Start Time 13:12:48 Start East 531631 Start Nrth 5461759
End Time 13:14:36 End East 534165 End Nrth 5464585

Elaps Time 00:01:48 Line Length = 3.796 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61692.83 | 0.000 | 81 | 3 | 0 | 0 | 39 | 234.0 | 64.0 |
| Max | 61731.22 | 0.109 | 130 | 24 | 10 | 7 | 81 | 262.0 | 72.8 |
| Mn | 61718.94 | 0.020 | 103 | 11 | 4 | 2 | 59 | 246.6 | 67.6 |

**********

Statistics for Cal 2 FLT 10 Day 271

**********

Start Time 16:42:43 Start East 530809 Start Nrth 5461196
End Time 16:44:41 End East 531299 End Nrth 5464556

Elaps Time 00:01:58 Line Length = 3.396 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61646.19 | 0.000 | 117 | 7 | 1 | 1 | 42 | 203.0 | 58.0 |
| Max | 61860.99 | 0.068 | 559 | 71 | 27 | 24 | 78 | 268.0 | 84.0 |
| Mn | 61732.75 | 0.018 | 336 | 30 | 12 | 10 | 59 | 242.7 | 74.8 |

**********

Statistics for Z002 0 FLT 10 Day 271

**********

Start Time 16:44:59 Start East 531625 Start Nrth 5461535
End Time 16:46:43 End East 534060 End Nrth 5464644

Elaps Time 00:01:44 Line Length = 3.949 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61705.36 | 0.000 | 122 | 5 | 2 | 0 | 40 | 223.0 | 62.0 |
| Max | 61747.91 | 0.105 | 187 | 24 | 15 | 8 | 81 | 289.0 | 82.0 |
| Mn | 61732.37 | 0.020 | 149 | 14 | 7 | 2 | 60 | 253.5 | 70.3 |

**********

Statistics for H002 0 FLT 10 Day 271

**********

Start Time 16:55:30 Start East 534065 Start Nrth 5458542
End Time 16:57:08 End East 534080 End Nrth 5458559

Elaps Time 00:01:38 Line Length = 0.023 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60134.26 | 0.000 | 853 | 42 | 19 | 22 | 39 | 0.0 | 36.0 |
| Max | 61992.72 | 115.627 | 1029 | 86 | 47 | 60 | 95 | 0.0 | 51.0 |
| Mn | 61373.46 | 2.048 | 932 | 61 | 33 | 40 | 57 | 0.0 | 45.4 |

**********

Statistics for H002 0 FLT 10 Day 271

**********

Start Time 16:57:47 Start East 534076 Start Nrth 5458498
End Time 16:59:43 End East 534105 End Nrth 5458558

Elaps Time 00:01:56 Line Length = 0.067 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61204.25 | 0.000 | 1364 | 55 | 29 | 58 | 42 | 0.0 | 22.0 |
| Max | 61204.83 | 0.107 | 1608 | 99 | 60 | 109 | 75 | 0.0 | 82.0 |
| Mn | 61204.60 | 0.020 | 1513 | 76 | 44 | 87 | 59 | 0.0 | 40.1 |

**********

Statistics for H002 0 FLT 10 Day 271

**********

Start Time 17:00:56 Start East 534078 Start Nrth 5458539
End Time 17:02:35 End East 534088 End Nrth 5458554

Elaps Time 00:01:39 Line Length = 0.018 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61204.26 | 0.000 | 2675 | 137 | 152 | 32 | 40 | 0.0 | 28.0 |
| Max | 61205.18 | 0.106 | 2976 | 214 | 230 | 67 | 87 | 0.0 | 39.0 |
| Mn | 61204.69 | 0.021 | 2834 | 172 | 186 | 48 | 59 | 0.0 | 33.8 |

**********

Statistics for H002 0 FLT 10 Day 271

**********

Start Time 17:03:29 Start East 534058 Start Nrth 5458552
End Time 17:05:59 End East 534089 End Nrth 5458616

Elaps Time 00:02:30 Line Length = 0.071 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61197.38 | 0.000 | 849 | 39 | 18 | 26 | 44 | 0.0 | -34.0 |
| Max | 61205.60 | 0.289 | 1040 | 82 | 56 | 60 | 73 | 0.0 | 17.0 |
| Mn | 61204.00 | 0.022 | 933 | 61 | 32 | 41 | 59 | 0.0 | -3.0 |

**********

Statistics for G001 0 FLT 11 Day 272

**********

Start Time 08:29:48 Start East 534083 Start Nrth 5458550
End Time 08:32:03 End East 534093 End Nrth 5458575

Elaps Time 00:02:15 Line Length = 0.027 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 19640.68 | 0.000 | 816 | 35 | 19 | 26 | 38 | 0.0 | -10.0 |
| Max | 99999.00 | %80282.695 | 1003 | 77 | 50 | 56 | 77 | 0.0 | 35.0 |
| Mn | 68745.48 | 3879.076 | 893 | 56 | 33 | 38 | 58 | 0.0 | -0.0 |

**********

Statistics for G001 0 FLT 11 Day 272

**********

Start Time 08:32:50 Start East 534098 Start Nrth 5458586
End Time 08:34:43 End East 534118 End Nrth 5458601

Elaps Time 00:01:53 Line Length = 0.025 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 13850.58 | 0.000 | 1395 | 49 | 26 | 61 | 34 | 0.0 | 23.2 |
| Max | 99999.00 | %85450.133 | 1601 | 100 | 57 | 121 | 76 | 1.0 | 75.0 |
| Mn | 68506.68 | 4741.108 | 1487 | 78 | 42 | 84 | 57 | 0.0 | 57.7 |

**********

Statistics for G001 0 FLT 11 Day 272

**********

Start Time 08:36:13 Start East 534085 Start Nrth 5458564
End Time 08:38:15 End East 534095 End Nrth 5458585

Elaps Time 00:02:02 Line Length = 0.023 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 10549.07 | 0.000 | 2636 | 124 | 158 | 28 | 43 | 0.0 | -22.0 |
| Max | 99999.00 | %89321.523 | 2978 | 197 | 218 | 62 | 76 | 1.0 | 19.0 |
| Mn | 68181.63 | 4337.080 | 2788 | 161 | 187 | 45 | 57 | 0.0 | -8.6 |

**********

Statistics for G001 0 FLT 11 Day 272

**********

Start Time 08:38:38 Start East 534084 Start Nrth 5458597
End Time 08:40:27 End East 534091 End Nrth 5458621

Elaps Time 00:01:49 Line Length = 0.025 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 6902.63 | 0.000 | 807 | 39 | 18 | 23 | 39 | 0.0 | -20.0 |
| Max | 99999.00 | %90196.813 | 975 | 88 | 55 | 56 | 75 | 1.0 | 0.0 |
| Mn | 68698.57 | 4364.614 | 898 | 59 | 32 | 39 | 56 | 0.0 | -14.3 |

**********

Statistics for C001 0 FLT 11 Day 272

**********

Start Time 09:18:17 Start East 530789 Start Nrth 5461082
End Time 09:20:26 End East 531301 End Nrth 5464697

Elaps Time 00:02:09 Line Length = 3.651 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61633.21 | 0.000 | 133 | 6 | 2 | 0 | 40 | 188.0 | 66.0 |
| Max | 61836.08 | 0.160 | 535 | 66 | 26 | 25 | 80 | 279.0 | 83.0 |
| Mn | 61715.55 | 0.023 | 330 | 29 | 12 | 8 | 57 | 246.3 | 74.7 |

**********

Statistics for Y001 0 FLT 11 Day 272

**********

Start Time 09:20:56 Start East 531062 Start Nrth 5462769
End Time 09:22:35 End East 533655 End Nrth 5464694

Elaps Time 00:01:39 Line Length = 3.229 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61686.66 | 0.000 | 129 | 5 | 1 | 0 | 40 | 223.0 | 61.0 |
| Max | 61721.55 | 0.082 | 192 | 27 | 14 | 7 | 81 | 267.0 | 77.0 |
| Mn | 61708.89 | 0.021 | 158 | 14 | 7 | 2 | 57 | 246.2 | 69.2 |

# APPENDIX 6

## DATA STATISTICS

## Ground Calibration and Test Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Pipers River |
| Area: | 3 |
| Flight: | 11 - 23 |

**********

Statistics for Cal 2 FLT 12 Day 272

**********

Start Time 17:10:52 Start East 530790 Start Nrth 5461096
End Time 17:13:25 End East 531361 End Nrth 5464657

Elaps Time 00:02:33 Line Length = 3.606 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61642.34 | 0.000 | 162 | 10 | 6 | 0 | 38 | 195.0 | 65.0 |
| Max | 61866.06 | 0.141 | 649 | 72 | 34 | 27 | 78 | 276.0 | 83.0 |
| Mn | 61735.81 | 0.021 | 414 | 36 | 18 | 9 | 59 | 251.6 | 75.3 |

**********

Statistics for Z002 0 FLT 12 Day 272

**********

Start Time 17:14:22 Start East 531438 Start Nrth 5462875
End Time 17:15:36 End East 533279 End Nrth 5464693

Elaps Time 00:01:14 Line Length = 2.587 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61706.79 | 0.000 | 171 | 10 | 3 | 0 | 41 | 236.0 | 63.0 |
| Max | 61741.71 | 0.083 | 251 | 31 | 20 | 11 | 76 | 266.0 | 70.0 |
| Mn | 61731.01 | 0.023 | 209 | 17 | 11 | 3 | 57 | 250.0 | 66.1 |

**********

Statistics for H002 0 FLT 12 Day 272

**********

Start Time 17:26:01 Start East 534087 Start Nrth 5458555
End Time 17:28:45 End East 534093 End Nrth 5458570

Elaps Time 00:02:44 Line Length = 0.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62214.78 | 0.000 | 989 | 47 | 28 | 26 | 39 | 0.0 | 30.0 |
| Max | 62215.69 | 0.076 | 1220 | 106 | 68 | 60 | 81 | 5.0 | 45.0 |
| Mn | 62215.25 | 0.019 | 1094 | 71 | 45 | 42 | 57 | 0.0 | 35.8 |

**********

Statistics for H002 0 FLT 12 Day 272

**********

Start Time 17:29:12 Start East 534090 Start Nrth 5458570
End Time 17:30:56 End East 534097 End Nrth 5458574

Elaps Time 00:01:44 Line Length = 0.008 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62213.80 | 0.000 | 1539 | 67 | 36 | 63 | 37 | 0.0 | 49.2 |
| Max | 62214.81 | 0.073 | 1804 | 118 | 75 | 122 | 77 | 0.0 | 69.0 |
| Mn | 62214.22 | 0.020 | 1683 | 88 | 55 | 87 | 58 | 0.0 | 58.1 |

**********

Statistics for H002 0 FLT 12 Day 272

**********

Start Time 17:31:37 Start East 534094 Start Nrth 5458582
End Time 17:33:59 End East 534102 End Nrth 5458602

Elaps Time 00:02:22 Line Length = 0.022 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62210.18 | 0.000 | 2823 | 144 | 164 | 32 | 37 | 0.0 | 82.0 |
| Max | 62215.13 | 0.520 | 3155 | 219 | 245 | 81 | 74 | 1.0 | 115.0 |
| Mn | 62214.64 | 0.025 | 3017 | 179 | 203 | 47 | 56 | 0.0 | 102.8 |

**********

Statistics for H002 0 FLT 12 Day 272

**********

Start Time 17:34:19 Start East 534089 Start Nrth 5458545
End Time 17:36:32 End East 534110 End Nrth 5458602

Elaps Time 00:02:13 Line Length = 0.061 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62214.26 | 0.000 | 975 | 48 | 27 | 25 | 36 | 0.0 | 18.0 |
| Max | 62214.94 | 0.118 | 1129 | 91 | 58 | 60 | 77 | 1.0 | 106.0 |
| Mn | 62214.64 | 0.020 | 1052 | 68 | 42 | 40 | 58 | 0.0 | 58.8 |

**********

Statistics for G001 0 FLT 13 Day 273

**********

Start Time 08:43:06 Start East 534074 Start Nrth 5458546
End Time 08:44:22 End East 534078 End Nrth 5458557

Elaps Time 00:01:16 Line Length = 0.012 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62461.99 | 0.000 | 803 | 40 | 20 | 27 | 39 | 0.0 | 9.0 |
| Max | 62462.92 | 0.091 | 964 | 77 | 48 | 56 | 74 | 0.0 | 28.8 |
| Mn | 62462.38 | 0.018 | 890 | 58 | 32 | 39 | 57 | 0.0 | 15.1 |

**********

Statistics for G001 0 FLT 13 Day 273

**********

Start Time 08:45:29 Start East 534060 Start Nrth 5458551
End Time 08:47:26 End East 534066 End Nrth 5458556

Elaps Time 00:01:57 Line Length = 0.008 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62461.41 | 0.000 | 1332 | 56 | 27 | 58 | 41 | 0.0 | 63.2 |
| Max | 62463.33 | 0.078 | 1512 | 109 | 54 | 105 | 78 | 0.0 | 90.0 |
| Mn | 62462.29 | 0.018 | 1411 | 76 | 39 | 80 | 57 | 0.0 | 81.8 |

**********

Statistics for G001 0 FLT 13 Day 273

**********

Start Time 08:48:18 Start East 534076 Start Nrth 5458560
End Time 08:49:52 End East 534102 End Nrth 5458574

Elaps Time 00:01:34 Line Length = 0.030 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62461.29 | 0.000 | 2418 | 123 | 140 | 31 | 42 | 0.0 | -13.0 |
| Max | 62462.44 | 0.085 | 2650 | 185 | 197 | 61 | 76 | 0.0 | 31.8 |
| Mn | 62461.79 | 0.017 | 2528 | 150 | 165 | 44 | 57 | 0.0 | 4.9 |

**********

Statistics for G001 0 FLT 13 Day 273

**********

Start Time 08:50:34 Start East 534099 Start Nrth 5458575
End Time 08:52:10 End East 534105 End Nrth 5458589

Elaps Time 00:01:36 Line Length = 0.015 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62460.93 | 0.000 | 806 | 39 | 18 | 25 | 40 | 0.0 | -12.0 |
| Max | 62462.39 | 0.177 | 953 | 83 | 50 | 56 | 80 | 0.0 | 20.0 |
| Mn | 62461.86 | 0.021 | 895 | 60 | 31 | 39 | 57 | 0.0 | 3.7 |

**********

Statistics for C001 0 FLT 13 Day 273

**********

Start Time 09:10:05 Start East 530799 Start Nrth 5461147
End Time 09:12:04 End East 531328 End Nrth 5464698

Elaps Time 00:01:59 Line Length = 3.590 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61627.63 | 0.000 | 103 | 7 | 0 | 0 | 37 | 213.0 | 61.0 |
| Max | 61848.81 | 0.143 | 498 | 59 | 21 | 24 | 77 | 265.0 | 87.0 |
| Mn | 61718.72 | 0.022 | 294 | 26 | 9 | 9 | 57 | 241.7 | 74.9 |

**********

Statistics for Y001 0 FLT 13 Day 273

**********

Start Time 09:13:08 Start East 531481 Start Nrth 5462547
End Time 09:14:32 End East 533764 End Nrth 5464631

Elaps Time 00:01:24 Line Length = 3.091 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61688.58 | 0.000 | 99 | 6 | 0 | 0 | 41 | 236.0 | 63.0 |
| Max | 61719.43 | 0.067 | 154 | 23 | 16 | 7 | 74 | 261.0 | 76.0 |
| Mn | 61711.32 | 0.018 | 124 | 12 | 5 | 2 | 58 | 248.5 | 68.8 |

**********

Statistics for Cal 2 FLT 14 Day 273

**********

Start Time 17:30:10 Start East 530801 Start Nrth 5461151
End Time 17:32:03 End East 531366 End Nrth 5464736

Elaps Time 00:01:53 Line Length = 3.629 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61641.94 | 0.000 | 142 | 10 | 3 | 0 | 44 | 210.0 | 61.0 |
| Max | 61868.61 | 0.090 | 561 | 72 | 29 | 25 | 81 | 273.0 | 85.6 |
| Mn | 61739.88 | 0.019 | 351 | 33 | 13 | 10 | 59 | 239.7 | 74.5 |

**********

Statistics for Z002 0 FLT 14 Day 273

**********

Start Time 17:32:48 Start East 531387 Start Nrth 5461773
End Time 17:34:42 End East 533977 End Nrth 5464714

Elaps Time 00:01:54 Line Length = 3.919 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61706.17 | 0.000 | 132 | 3 | 2 | 0 | 41 | 230.0 | 64.0 |
| Max | 61752.74 | 0.094 | 330 | 36 | 15 | 8 | 79 | 267.0 | 96.0 |
| Mn | 61735.98 | 0.018 | 162 | 15 | 7 | 3 | 59 | 252.4 | 71.6 |

**********

Statistics for G001 0 FLT 15 Day 275

**********

Start Time 13:19:24 Start East 534077 Start Nrth 5458511
End Time 13:21:32 End East 534106 End Nrth 5458530

Elaps Time 00:02:08 Line Length = 0.035 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62475.46 | 0.000 | 727 | 32 | 17 | 21 | 39 | 0.0 | 8.0 |
| Max | 62476.80 | 0.080 | 882 | 69 | 44 | 59 | 76 | 0.0 | 43.0 |
| Mn | 62476.23 | 0.019 | 794 | 52 | 27 | 35 | 55 | 0.0 | 26.2 |

**********
Statistics for G001 0 FLT 15 Day 275
**********

Start Time 13:22:29 Start East 534090 Start Nrth 5458524
End Time 13:24:26 End East 534102 End Nrth 5458556

Elaps Time 00:01:57 Line Length = 0.034 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62475.73 | 0.000 | 1300 | 54 | 24 | 52 | 39 | 0.0 | 8.0 |
| Max | 62476.74 | 0.074 | 1466 | 96 | 56 | 101 | 82 | 0.0 | 27.0 |
| Mn | 62476.32 | 0.018 | 1386 | 71 | 36 | 81 | 55 | 0.0 | 17.1 |

**********
Statistics for G001 0 FLT 15 Day 275
**********

Start Time 13:25:30 Start East 534064 Start Nrth 5458523
End Time 13:27:19 End East 534097 End Nrth 5458552

Elaps Time 00:01:49 Line Length = 0.044 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62473.65 | 0.000 | 2555 | 129 | 153 | 25 | 38 | 0.0 | 31.0 |
| Max | 62477.27 | 0.079 | 2883 | 198 | 225 | 56 | 75 | 0.0 | 92.0 |
| Mn | 62476.30 | 0.021 | 2725 | 161 | 185 | 41 | 56 | 0.0 | 62.2 |

**********
Statistics for G001 0 FLT 15 Day 275
**********

Start Time 13:27:54 Start East 534079 Start Nrth 5458523
End Time 13:29:51 End East 534095 End Nrth 5458535

Elaps Time 00:01:57 Line Length = 0.020 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62473.12 | 0.000 | 710 | 36 | 13 | 23 | 33 | 0.0 | 35.0 |
| Max | 62474.27 | 0.083 | 865 | 70 | 39 | 51 | 73 | 0.0 | 51.0 |
| Mn | 62473.63 | 0.018 | 788 | 52 | 25 | 35 | 55 | 0.0 | 40.3 |

Statistics for Trav 25 FLT 51 Day 303

Start Time 15:55:08 Start East 563571 Start Nrth 5429388
End Time 16:02:02 End East 575762 End Nrth 5429414

Elaps Time 00:06:54 Line Length = 12.191 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61273.48 | 0.000 | 378 | 28 | 6 | 5 | 46 | 160.0 | 357.0 |
| Max | 61786.28 | 0.406 | 1356 | 148 | 47 | 62 | 103 | 659.0 | 902.0 |
| Mn | 61665.64 | 0.022 | 731 | 71 | 20 | 25 | 71 | 276.3 | 558.0 |

Statistics for Trav 26 FLT 51 Day 303

Start Time 15:47:40 Start East 563434 Start Nrth 5429183
End Time 15:54:29 End East 575474 End Nrth 5429214

Elaps Time 00:06:49 Line Length = 12.040 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61552.30 | 0.000 | 481 | 39 | 7 | 4 | 44 | 132.0 | 354.0 |
| Max | 61873.83 | 0.234 | 1373 | 157 | 45 | 59 | 107 | 463.0 | 901.0 |
| Mn | 61680.23 | 0.022 | 782 | 79 | 20 | 27 | 70 | 249.3 | 547.7 |

Statistics for Trav 27 FLT 51 Day 303

Start Time 15:40:05 Start East 563523 Start Nrth 5428982
End Time 15:46:59 End East 575800 End Nrth 5429007

Elaps Time 00:06:54 Line Length = 12.277 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61492.20 | 0.000 | 365 | 32 | 4 | 8 | 47 | 181.0 | 366.0 |
| Max | 61846.98 | 0.276 | 1413 | 161 | 47 | 62 | 97 | 577.0 | 866.0 |
| Mn | 61679.37 | 0.022 | 768 | 76 | 20 | 27 | 70 | 275.4 | 558.4 |

**********

Statistics for Z002 0 FLT 15 Day 275

**********

Start Time 17:15:07 Start East 531589 Start Nrth 5462142
End Time 17:16:31 End East 533715 End Nrth 5464441

Elaps Time 00:01:24 Line Length = 3.131 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61706.78 | 0.000 | 67 | 3 | 0 | 0 | 45 | 219.0 | 63.0 |
| Max | 61750.13 | 0.072 | 119 | 20 | 9 | 9 | 75 | 262.0 | 76.0 |
| Mn | 61734.19 | 0.019 | 89 | 11 | 3 | 2 | 58 | 239.2 | 68.1 |

**********

Statistics for G001 0 FLT 16 Day 276

**********

Start Time 08:41:44 Start East 0 Start Nrth 0
End Time 08:43:57 End East 0 End Nrth 0

Elaps Time 00:02:13 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 677 | 34 | 12 | 18 | 37 | 0.0 | 0.0 |
| Max | 99999.00 | 0.000 | 857 | 70 | 41 | 54 | 76 | 0.0 | 0.0 |
| Mn | 99999.00 | 0.000 | 765 | 52 | 25 | 34 | 57 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 16 Day 276

**********

Start Time 08:45:19 Start East 0 Start Nrth 0
End Time 08:46:48 End East 0 End Nrth 0

Elaps Time 00:01:29 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 1336 | 51 | 26 | 63 | 43 | 0.0 | 0.0 |
| Max | 99999.00 | 0.000 | 1569 | 100 | 53 | 110 | 78 | 0.0 | 0.0 |
| Mn | 99999.00 | 0.000 | 1431 | 72 | 37 | 85 | 58 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 16 Day 276

**********

Start Time 08:47:49 Start East 0 Start Nrth 0
End Time 08:49:33 End East 0 End Nrth 0

Elaps Time 00:01:44 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 2683 | 132 | 148 | 27 | 43 | 0.0 | 0.0 |
| Max | 99999.00 | 0.000 | 3020 | 204 | 227 | 61 | 76 | 0.0 | 0.0 |
| Mn | 99999.00 | 0.000 | 2886 | 170 | 196 | 42 | 57 | 0.0 | 0.0 |

**********

Statistics for G001 0 FLT 16 Day 276

**********

Start Time 08:50:50 Start East 0 Start Nrth 0
End Time 08:52:14 End East 0 End Nrth 0

Elaps Time 00:01:24 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 716 | 32 | 14 | 20 | 39 | 0.0 | 0.0 |
| Max | 99999.00 | 0.000 | 849 | 71 | 39 | 49 | 79 | 0.0 | 0.0 |
| Mn | 99999.00 | 0.000 | 782 | 52 | 26 | 34 | 57 | 0.0 | 0.0 |

**********

Statistics for C001 0 FLT 16 Day 276

**********

Start Time 24:00:00 Start East 9999999 Start Nrth 999999999
End Time 00:00:00 End East 0 End Nrth 0

Elaps Time %4:00:00 Line Length = % 1.000E+06 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | %999999.00 | 0.000 | %29999 | %29999 | %29999 | %29999 | %29999 | %29999.9 | %29999.9 |
| Max | 0.00 | 0.000 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| Mn | 0.00 | 0.000 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |

**********

Statistics for H002 0 FLT 16 Day 276

**********

Start Time 13:10:07 Start East 534527 Start Nrth 5458777
End Time 13:11:36 End East 534527 End Nrth 5458777

Elaps Time 00:01:29 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 810 | 40 | 21 | 21 | 42 | 0.0 | 65.0 |
| Max | 99999.00 | 0.000 | 937 | 78 | 47 | 58 | 78 | 1.0 | 65.0 |
| Mn | 99999.00 | 0.000 | 867 | 57 | 33 | 37 | 58 | 0.0 | 65.0 |

**********

Statistics for H002 0 FLT 16 Day 276

**********

Start Time 13:12:37 Start East 534527 Start Nrth 5458777
End Time 13:14:31 End East 534527 End Nrth 5458777

Elaps Time 00:01:54 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 1348 | 49 | 30 | 60 | 39 | 0.0 | 65.0 |
| Max | 99999.00 | 0.000 | 1577 | 103 | 57 | 110 | 79 | 0.0 | 65.0 |
| Mn | 99999.00 | 0.000 | 1462 | 73 | 42 | 84 | 59 | 0.0 | 65.0 |

**********

Statistics for H002 0 FLT 16 Day 276

**********

Start Time 13:15:52 Start East 534527 Start Nrth 5458777
End Time 13:17:41 End East 534527 End Nrth 5458777

Elaps Time 00:01:49 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 2660 | 135 | 156 | 23 | 42 | 0.0 | 65.0 |
| Max | 99999.00 | 0.000 | 2922 | 208 | 227 | 63 | 77 | 0.0 | 65.0 |
| Mn | 99999.00 | 0.000 | 2789 | 170 | 186 | 45 | 59 | 0.0 | 65.0 |

**********

Statistics for H002 0 FLT 16 Day 276

**********

Start Time 13:18:05 Start East 534527 Start Nrth 5458777
End Time 13:19:34 End East 534527 End Nrth 5458777

Elaps Time 00:01:29 Line Length = 0.000 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 99999.00 | 0.000 | 777 | 38 | 19 | 22 | 46 | 0.0 | 65.0 |
| Max | 99999.00 | 0.000 | 920 | 74 | 52 | 57 | 78 | 1.0 | 65.0 |
| Mn | 99999.00 | 0.000 | 853 | 57 | 30 | 36 | 59 | 0.0 | 65.0 |

**********

Statistics for G001 0 FLT 17 Day 277

**********

Start Time 07:58:35 Start East 534051 Start Nrth 5458553
End Time 08:00:18 End East 534080 End Nrth 5458590

Elaps Time 00:01:43 Line Length = 0.047 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 20607.15 | 0.000 | 707 | 35 | 17 | 22 | 39 | 0.0 | -19.0 |
| Max | 99999.00 | %31861.406 | 867 | 68 | 45 | 54 | 75 | 0.0 | 79.0 |
| Mn | 69936.36 | 2286.833 | 779 | 52 | 27 | 36 | 57 | 0.0 | 4.8 |

**********

Statistics for G001 0 FLT 17 Day 277

**********

Start Time 08:01:15 Start East 534080 Start Nrth 5458560
End Time 08:02:46 End East 534091 End Nrth 5458568

Elaps Time 00:01:31 Line Length = 0.014 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 18195.17 | 0.000 | 1284 | 56 | 22 | 61 | 40 | 0.0 | 9.0 |
| Max | 99999.00 | %43842.359 | 1522 | 90 | 52 | 112 | 75 | 0.0 | 40.0 |
| Mn | 69490.94 | 2841.353 | 1414 | 73 | 36 | 86 | 60 | 0.0 | 27.3 |

**********

Statistics for G001 0 FLT 17 Day 277

**********

Start Time 08:03:55 Start East 534044 Start Nrth 5458506
End Time 08:05:55 End East 534057 End Nrth 5458549

Elaps Time 00:02:00 Line Length = 0.045 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61155.06 | 0.000 | 2748 | 127 | 149 | 26 | 39 | 0.0 | 3.0 |
| Max | 62870.92 | 102.715 | 3077 | 202 | 233 | 55 | 84 | 0.0 | 74.0 |
| Mn | 62173.39 | 2.440 | 2890 | 168 | 199 | 42 | 60 | 0.0 | 33.8 |

**********

Statistics for G001 0 FLT 17 Day 277

**********

Start Time 08:07:00 Start East 534052 Start Nrth 5458516
End Time 08:08:49 End East 534067 End Nrth 5458553

Elaps Time 00:01:49 Line Length = 0.040 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62343.72 | 0.000 | 729 | 35 | 16 | 22 | 38 | 0.0 | 98.0 |
| Max | 62349.47 | 0.073 | 850 | 72 | 43 | 57 | 72 | 0.0 | 108.0 |
| Mn | 62347.95 | 0.019 | 784 | 53 | 25 | 34 | 58 | 0.0 | 104.3 |

**********

Statistics for C001 0 FLT 17 Day 277

**********

Start Time 08:33:37 Start East 530800 Start Nrth 5461185
End Time 08:35:31 End East 531346 End Nrth 5464796

Elaps Time 00:01:54 Line Length = 3.652 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61632.22 | 0.000 | 74 | 4 | 0 | 0 | 40 | 212.0 | 61.0 |
| Max | 61853.49 | 0.084 | 471 | 68 | 21 | 21 | 77 | 270.0 | 79.0 |
| Mn | 61727.94 | 0.020 | 263 | 27 | 8 | 8 | 59 | 241.3 | 71.7 |

**********

Statistics for Y001 0 FLT 17 Day 277

**********

Start Time 08:36:50 Start East 531533 Start Nrth 5461971
End Time 08:38:59 End East 534370 End Nrth 5464685

Elaps Time 00:02:09 Line Length = 3.926 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61693.63 | 0.000 | 62 | 2 | 0 | 0 | 39 | 239.0 | 63.0 |
| Max | 61724.97 | 0.117 | 112 | 22 | 8 | 9 | 85 | 333.0 | 93.0 |
| Mn | 61716.20 | 0.021 | 86 | 10 | 2 | 2 | 60 | 266.0 | 71.8 |

**********

Statistics for Cal 2 FLT 18 Day 277

**********

Start Time 17:09:28 Start East 530794 Start Nrth 5461133
End Time 17:11:51 End East 531423 End Nrth 5464713

Elaps Time 00:02:23 Line Length = 3.635 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61636.12 | 0.000 | 60 | 6 | 0 | 0 | 35 | 208.0 | 63.0 |
| Max | 61869.04 | 0.109 | 469 | 74 | 20 | 26 | 94 | 266.0 | 84.0 |
| Mn | 61734.46 | 0.021 | 267 | 27 | 8 | 9 | 60 | 242.5 | 71.4 |

**********

Statistics for Z002 0 FLT 18 Day 277

**********

Start Time 17:12:59 Start East 532153 Start Nrth 5461783
End Time 17:14:28 End East 534566 End Nrth 5464195

Elaps Time 00:01:29 Line Length = 3.412 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61700.81 | 0.000 | 70 | 3 | 0 | 0 | 40 | 250.0 | 69.0 |
| Max | 61735.29 | 0.095 | 122 | 19 | 9 | 12 | 81 | 307.0 | 89.0 |
| Mn | 61727.49 | 0.025 | 93 | 11 | 3 | 3 | 60 | 275.2 | 77.5 |

**********

Statistics for H002 0 FLT 18 Day 277

**********

Start Time 17:35:41 Start East 534023 Start Nrth 5458584
End Time 17:37:29 End East 534077 End Nrth 5458598

Elaps Time 00:01:48 Line Length = 0.056 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 1513.60 | 0.000 | 736 | 31 | 12 | 22 | 43 | 0.0 | -88.0 |
| Max | 99999.00 | %85473.070 | 874 | 80 | 47 | 60 | 85 | 0.0 | 7.0 |
| Mn | 67627.92 | 4662.661 | 810 | 53 | 27 | 36 | 58 | 0.0 | -11.0 |

**********

Statistics for H002 0 FLT 18 Day 277

**********

Start Time 17:38:14 Start East 534063 Start Nrth 5458519
End Time 17:39:42 End East 534071 End Nrth 5458557

Elaps Time 00:01:27 Line Length = 0.039 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 82.59 | 0.000 | 1327 | 55 | 22 | 63 | 43 | 0.0 | 24.0 |
| Max | 99999.00 | %88440.727 | 1532 | 97 | 51 | 110 | 87 | 0.0 | 42.0 |
| Mn | 68004.24 | 5060.116 | 1436 | 75 | 38 | 86 | 59 | 0.0 | 34.9 |

**********

Statistics for H002 0 FLT 18 Day 277

**********

Start Time 17:40:21 Start East 534074 Start Nrth 5458522
End Time 17:42:15 End East 534085 End Nrth 5458554

Elaps Time 00:01:54 Line Length = 0.034 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62304.00 | 0.000 | 2713 | 132 | 161 | 27 | 42 | 0.0 | 5.0 |
| Max | 62304.95 | 0.083 | 2979 | 208 | 228 | 60 | 79 | 0.0 | 37.0 |
| Mn | 62304.44 | 0.019 | 2829 | 169 | 192 | 42 | 59 | 0.0 | 23.4 |

**********

Statistics for H002 0 FLT 18 Day 277

**********

Start Time 17:42:32 Start East 534088 Start Nrth 5458560
End Time 17:44:07 End East 534101 End Nrth 5458578

Elaps Time 00:01:35 Line Length = 0.022 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62303.92 | 0.000 | 740 | 37 | 15 | 18 | 40 | 0.0 | -25.0 |
| Max | 62304.76 | 0.154 | 872 | 75 | 41 | 51 | 80 | 0.0 | 0.0 |
| Mn | 62304.42 | 0.018 | 812 | 53 | 28 | 35 | 59 | 0.0 | -14.2 |

**********

Statistics for G001 0 FLT 19 Day 280

**********

Start Time 08:06:46 Start East 534078 Start Nrth 5458561
End Time 08:08:28 End East 534094 End Nrth 5458571

Elaps Time 00:01:42 Line Length = 0.019 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 9972.67 | 0.000 | 724 | 36 | 13 | 19 | 41 | 0.0 | 6.0 |
| Max | 99999.00 | %87707.555 | 885 | 80 | 43 | 53 | 78 | 0.0 | 51.0 |
| Mn | 67974.86 | 4922.470 | 814 | 54 | 27 | 36 | 58 | 0.0 | 29.2 |

**********

Statistics for G001 0 FLT 19 Day 280

**********

Start Time 08:09:31 Start East 534077 Start Nrth 5458534
End Time 08:11:14 End East 534089 End Nrth 5458559

Elaps Time 00:01:43 Line Length = 0.028 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 8124.49 | 0.000 | 1339 | 55 | 24 | 56 | 42 | 0.0 | 46.0 |
| Max | 99999.00 | %88543.563 | 1520 | 96 | 58 | 108 | 71 | 0.0 | 53.0 |
| Mn | 68192.82 | 4604.192 | 1421 | 74 | 36 | 83 | 57 | 0.0 | 50.7 |

**********

Statistics for G001 0 FLT 19 Day 280

**********

Start Time 08:12:01 Start East 534071 Start Nrth 5458496
End Time 08:13:54 End East 534088 End Nrth 5458523

Elaps Time 00:01:53 Line Length = 0.032 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 11096.58 | 0.000 | 2603 | 130 | 150 | 28 | 41 | 0.0 | -73.0 |
| Max | 99999.00 | %84969.578 | 2837 | 196 | 218 | 58 | 80 | 0.0 | 33.0 |
| Mn | 68462.13 | 4700.925 | 2730 | 158 | 186 | 43 | 57 | 0.0 | -17.7 |

**********

Statistics for G001 0 FLT 19 Day 280

**********

Start Time 08:14:54 Start East 534067 Start Nrth 5458524
End Time 08:16:51 End East 534074 End Nrth 5458569

Elaps Time 00:01:57 Line Length = 0.046 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 6813.89 | 0.000 | 726 | 38 | 15 | 22 | 38 | 0.0 | -37.0 |
| Max | 99999.00 | %87692.273 | 897 | 79 | 41 | 57 | 83 | 0.0 | 0.0 |
| Mn | 68706.39 | 4739.682 | 821 | 54 | 28 | 37 | 58 | 0.0 | -21.8 |

**********

Statistics for C001 0 FLT 19 Day 280

**********

Start Time 08:37:18 Start East 530798 Start Nrth 5461192
End Time 08:39:32 End East 531382 End Nrth 5464832

Elaps Time 00:02:14 Line Length = 3.687 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61643.58 | 0.000 | 67 | 5 | 0 | 0 | 39 | 212.0 | 64.0 |
| Max | 61854.01 | 0.096 | 456 | 65 | 17 | 26 | 81 | 279.0 | 86.0 |
| Mn | 61734.90 | 0.023 | 259 | 26 | 7 | 9 | 59 | 243.7 | 75.3 |

**********

Statistics for Y001 0 FLT 19 Day 280

**********

Start Time 08:40:41 Start East 531448 Start Nrth 5461286
End Time 08:42:35 End East 534235 End Nrth 5464689

Elaps Time 00:01:54 Line Length = 4.399 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61702.24 | 0.000 | 61 | 1 | 0 | 0 | 40 | 226.0 | 59.0 |
| Max | 61736.08 | 0.113 | 116 | 20 | 8 | 9 | 76 | 284.0 | 79.0 |
| Mn | 61728.00 | 0.023 | 84 | 10 | 2 | 2 | 58 | 249.3 | 67.0 |

**********

Statistics for Cal 2 FLT 20 Day 280

**********

Start Time 17:04:28 Start East 530806 Start Nrth 5461196
End Time 17:06:36 End East 531389 End Nrth 5464777

Elaps Time 00:02:08 Line Length = 3.628 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61630.15 | 0.000 | 82 | 4 | 1 | 0 | 40 | 200.0 | 59.0 |
| Max | 61872.36 | 0.090 | 498 | 63 | 20 | 29 | 86 | 278.0 | 82.0 |
| Mn | 61735.84 | 0.019 | 277 | 28 | 8 | 8 | 59 | 236.2 | 72.9 |

**********

Statistics for Z002 0 FLT 20 Day 280

**********

Start Time 17:07:50 Start East 531707 Start Nrth 5461381
End Time 17:09:44 End East 534781 End Nrth 5464419

Elaps Time 00:01:54 Line Length = 4.322 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61705.15 | 0.000 | 83 | 5 | 0 | 0 | 41 | 230.0 | 73.0 |
| Max | 61741.22 | 0.064 | 136 | 21 | 13 | 10 | 77 | 280.0 | 96.0 |
| Mn | 61733.17 | 0.019 | 106 | 12 | 4 | 3 | 59 | 254.3 | 84.7 |

**********

Statistics for H002 0 FLT 20 Day 280

**********

Start Time 17:20:46 Start East 534083 Start Nrth 5458555
End Time 17:22:27 End East 534131 End Nrth 5458585

Elaps Time 00:01:41 Line Length = 0.057 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62472.58 | 0.000 | 802 | 42 | 19 | 23 | 36 | 0.0 | -28.0 |
| Max | 62484.23 | 1.263 | 973 | 76 | 43 | 57 | 75 | 0.0 | 87.0 |
| Mn | 62482.64 | 0.051 | 867 | 58 | 31 | 38 | 58 | 0.0 | 2.1 |

**********

Statistics for H002 0 FLT 20 Day 280

**********

Start Time 17:23:20 Start East 534074 Start Nrth 5458523
End Time 17:25:18 End East 534100 End Nrth 5458565

Elaps Time 00:01:58 Line Length = 0.049 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62481.14 | 0.000 | 0 | 0 | 0 | 0 | 0 | 0.0 | -22.0 |
| Max | 62484.61 | 0.338 | 1466 | 96 | 54 | 102 | 80 | 0.0 | 36.0 |
| Mn | 62482.97 | 0.025 | 1329 | 69 | 37 | 74 | 56 | 0.0 | 17.5 |

**********

Statistics for H002 0 FLT 20 Day 280

**********

Start Time 17:26:14 Start East 534095 Start Nrth 5458505
End Time 17:28:03 End East 534131 End Nrth 5458519

Elaps Time 00:01:49 Line Length = 0.039 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62483.72 | 0.000 | 2450 | 117 | 125 | 28 | 31 | 0.0 | -24.0 |
| Max | 62484.78 | 0.083 | 2734 | 176 | 204 | 59 | 77 | 0.0 | 21.0 |
| Mn | 62484.43 | 0.019 | 2578 | 153 | 169 | 43 | 57 | 0.0 | 10.5 |

**********

Statistics for H002 0 FLT 20 Day 280

**********

Start Time 17:28:51 Start East 534118 Start Nrth 5458479
End Time 17:30:28 End East 534132 End Nrth 5458493

Elaps Time 00:01:37 Line Length = 0.020 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62484.44 | 0.000 | 779 | 42 | 18 | 25 | 37 | 0.0 | 28.0 |
| Max | 62484.92 | 0.069 | 920 | 75 | 44 | 52 | 88 | 0.0 | 68.0 |
| Mn | 62484.67 | 0.017 | 847 | 57 | 30 | 37 | 57 | 0.0 | 39.1 |

**********

Statistics for G001 0 FLT 21 Day 281

**********

Start Time 08:10:09 Start East 534086 Start Nrth 5458530
End Time 08:11:47 End East 534117 End Nrth 5458545

Elaps Time 00:01:38 Line Length = 0.034 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62249.58 | 0.000 | 837 | 40 | 19 | 23 | 42 | 0.0 | -45.0 |
| Max | 62250.10 | 0.098 | 1010 | 82 | 49 | 58 | 79 | 0.0 | 77.0 |
| Mn | 62249.84 | 0.018 | 900 | 58 | 32 | 37 | 60 | 0.0 | 11.7 |

**********

Statistics for G001 0 FLT 21 Day 281

**********

Start Time 08:12:29 Start East 534058 Start Nrth 5458546
End Time 08:14:12 End East 534068 End Nrth 5458549

Elaps Time 00:01:43 Line Length = 0.010 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62249.22 | 0.000 | 1455 | 59 | 28 | 65 | 44 | 0.0 | 93.0 |
| Max | 62249.67 | 0.075 | 1687 | 112 | 64 | 121 | 78 | 0.0 | 131.0 |
| Mn | 62249.41 | 0.020 | 1564 | 82 | 44 | 90 | 59 | 0.0 | 118.2 |

**********

Statistics for G001 0 FLT 21 Day 281

**********

Start Time 08:15:00 Start East 534074 Start Nrth 5458544
End Time 08:16:39 End East 534090 End Nrth 5458554

Elaps Time 00:01:39 Line Length = 0.019 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62249.55 | 0.000 | 2925 | 146 | 180 | 29 | 45 | 0.0 | 24.0 |
| Max | 62249.98 | 0.068 | 3192 | 217 | 254 | 62 | 79 | 0.0 | 65.0 |
| Mn | 62249.77 | 0.017 | 3068 | 183 | 209 | 45 | 60 | 0.0 | 48.1 |

**********

Statistics for G001 0 FLT 21 Day 281

**********

Start Time 08:17:18 Start East 534055 Start Nrth 5458467
End Time 08:18:52 End East 534081 End Nrth 5458524

Elaps Time 00:01:34 Line Length = 0.063 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62249.98 | 0.000 | 832 | 34 | 20 | 25 | 37 | 0.0 | -75.0 |
| Max | 62250.51 | 0.067 | 979 | 80 | 48 | 51 | 81 | 0.0 | 0.0 |
| Mn | 62250.31 | 0.018 | 901 | 58 | 33 | 37 | 59 | 0.0 | -42.7 |

**********

Statistics for C001 0 FLT 21 Day 281

**********

Start Time 08:33:18 Start East 530811 Start Nrth 5461232
End Time 08:35:37 End East 531349 End Nrth 5464855

Elaps Time 00:02:19 Line Length = 3.663 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61640.42 | 0.000 | 100 | 5 | 0 | 0 | 42 | 215.0 | 64.0 |
| Max | 61857.92 | 0.238 | 522 | 62 | 25 | 22 | 86 | 279.0 | 87.0 |
| Mn | 61730.51 | 0.034 | 310 | 28 | 11 | 9 | 61 | 245.6 | 75.8 |

**********

Statistics for Y001 0 FLT 21 Day 281

**********

Start Time 08:36:40 Start East 531431 Start Nrth 5461988
End Time 08:38:28 End East 534179 End Nrth 5464638

Elaps Time 00:01:48 Line Length = 3.818 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61697.41 | 0.000 | 92 | 4 | 1 | 0 | 38 | 267.0 | 71.0 |
| Max | 61736.32 | 0.255 | 155 | 20 | 13 | 11 | 90 | 291.0 | 80.0 |
| Mn | 61724.80 | 0.036 | 123 | 11 | 5 | 3 | 61 | 277.7 | 76.0 |

**********

Statistics for Cal 2 FLT 21 Day 281

**********

Start Time 10:40:03 Start East 530819 Start Nrth 5461335
End Time 10:41:55 End East 531372 End Nrth 5464796

Elaps Time 00:01:52 Line Length = 3.505 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61628.05 | 0.000 | 130 | 8 | 1 | 0 | 44 | 206.0 | 66.0 |
| Max | 61858.51 | 0.105 | 562 | 66 | 26 | 23 | 85 | 281.0 | 85.0 |
| Mn | 61722.42 | 0.024 | 330 | 31 | 12 | 9 | 61 | 247.9 | 73.4 |

**********

Statistics for Z002 0 FLT 21 Day 281

**********

Start Time 10:42:59 Start East 531430 Start Nrth 5462100
End Time 10:44:43 End East 534614 End Nrth 5464660

Elaps Time 00:01:44 Line Length = 4.086 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61697.32 | 0.000 | 124 | 7 | 1 | 0 | 44 | 253.0 | 68.0 |
| Max | 61726.05 | 0.155 | 193 | 26 | 17 | 9 | 86 | 339.0 | 93.0 |
| Mn | 61718.96 | 0.026 | 152 | 14 | 7 | 3 | 62 | 293.3 | 80.2 |

**********

Statistics for H002 0 FLT 21 Day 281

**********

Start Time 11:06:08 Start East 534101 Start Nrth 5458529
End Time 11:07:37 End East 534108 End Nrth 5458539

Elaps Time 00:01:29 Line Length = 0.012 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62203.86 | 0.000 | 818 | 35 | 20 | 22 | 44 | 0.0 | 39.0 |
| Max | 62205.56 | 0.070 | 958 | 78 | 47 | 53 | 84 | 0.0 | 46.0 |
| Mn | 62205.25 | 0.017 | 882 | 57 | 31 | 37 | 61 | 0.0 | 42.2 |

**********

Statistics for H002 0 FLT 21 Day 281

**********

Start Time 11:08:39 Start East 534098 Start Nrth 5458519
End Time 11:10:18 End East 534109 End Nrth 5458530

Elaps Time 00:01:39 Line Length = 0.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62205.23 | 0.000 | 1411 | 57 | 29 | 64 | 37 | 0.0 | -20.0 |
| Max | 62205.50 | 0.069 | 1631 | 103 | 57 | 116 | 81 | 0.0 | 21.0 |
| Mn | 62205.36 | 0.018 | 1518 | 77 | 42 | 88 | 62 | 0.0 | -0.3 |

**********

Statistics for H002 0 FLT 21 Day 281

**********

Start Time 11:11:03 Start East 534079 Start Nrth 5458519
End Time 11:12:37 End East 534089 End Nrth 5458537

Elaps Time 00:01:34 Line Length = 0.021 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62204.81 | 0.000 | 2821 | 132 | 161 | 29 | 46 | 0.0 | -31.0 |
| Max | 62205.26 | 0.078 | 3115 | 212 | 234 | 68 | 76 | 0.0 | 0.0 |
| Mn | 62205.06 | 0.018 | 2927 | 172 | 198 | 45 | 60 | 0.0 | -28.3 |

**********

Statistics for H002 0 FLT 21 Day 281

**********

Start Time 11:13:24 Start East 534085 Start Nrth 5458543
End Time 11:14:40 End East 534097 End Nrth 5458545

Elaps Time 00:01:16 Line Length = 0.012 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62204.57 | 0.000 | 767 | 45 | 20 | 23 | 44 | 0.0 | -18.0 |
| Max | 62205.01 | 0.074 | 974 | 79 | 46 | 54 | 77 | 0.0 | 0.0 |
| Mn | 62204.82 | 0.020 | 892 | 59 | 31 | 37 | 61 | 0.0 | -7.3 |

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Statistics for Cal 2 FLT 22 Day 281

**********

Start Time 17:25:56 Start East 530821 Start Nrth 5461262
End Time 17:28:29 End East 531410 End Nrth 5464772

Elaps Time 00:02:33 Line Length = 3.559 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61641.26 | 0.000 | 90 | 6 | 1 | 0 | 43 | 209.0 | 67.0 |
| Max | 61876.67 | 0.118 | 499 | 79 | 24 | 26 | 81 | 281.0 | 89.0 |
| Mn | 61740.86 | 0.023 | 285 | 28 | 9 | 9 | 62 | 248.5 | 74.8 |

**********

Statistics for Z002 0 FLT 22 Day 281

**********

Start Time 17:29:21 Start East 531398 Start Nrth 5461764
End Time 17:31:15 End East 533969 End Nrth 5464709

Elaps Time 00:01:54 Line Length = 3.909 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61708.05 | 0.000 | 91 | 5 | 0 | 0 | 46 | 247.0 | 69.0 |
| Max | 61754.65 | 0.129 | 148 | 25 | 12 | 11 | 76 | 278.0 | 78.0 |
| Mn | 61739.69 | 0.025 | 115 | 12 | 4 | 2 | 61 | 259.4 | 72.7 |

**********

Statistics for H002 0 FLT 22 Day 281

**********

Start Time 17:48:43 Start East 534096 Start Nrth 5458550
End Time 17:50:15 End East 534102 End Nrth 5458556

Elaps Time 00:01:32 Line Length = 0.008 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62423.88 | 0.000 | 767 | 33 | 17 | 28 | 42 | 0.0 | -20.0 |
| Max | 62424.52 | 0.081 | 961 | 82 | 48 | 53 | 80 | 0.0 | 0.0 |
| Mn | 62424.18 | 0.022 | 858 | 57 | 30 | 37 | 59 | 0.0 | -17.6 |

**********

Statistics for H002 0 FLT 22 Day 281

**********

Start Time 17:51:28 Start East 534088 Start Nrth 5458536
End Time 17:52:49 End East 534091 End Nrth 5458542

Elaps Time 00:01:21 Line Length = 0.007 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62422.57 | 0.000 | 1372 | 53 | 27 | 64 | 43 | 0.0 | 6.0 |
| Max | 62424.74 | 0.135 | 1526 | 100 | 53 | 104 | 73 | 0.0 | 19.0 |
| Mn | 62423.61 | 0.019 | 1448 | 74 | 39 | 84 | 59 | 0.0 | 14.0 |

**********

Statistics for H002 0 FLT 22 Day 281

**********

Start Time 17:53:37 Start East 534093 Start Nrth 5458526
End Time 17:55:15 End East 534110 End Nrth 5458542

Elaps Time 00:01:38 Line Length = 0.023 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62423.31 | 0.000 | 2620 | 124 | 153 | 21 | 37 | 0.0 | 1.0 |
| Max | 62425.26 | 0.290 | 2919 | 192 | 228 | 68 | 78 | 0.0 | 17.0 |
| Mn | 62423.82 | 0.022 | 2754 | 163 | 185 | 44 | 60 | 0.0 | 5.5 |

**********

Statistics for H002 0 FLT 22 Day 281

**********

Start Time 17:56:06 Start East 534085 Start Nrth 5458520
End Time 17:57:28 End East 534107 End Nrth 5458543

Elaps Time 00:01:22 Line Length = 0.032 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62424.70 | 0.000 | 775 | 36 | 13 | 21 | 44 | 0.0 | 8.0 |
| Max | 62425.65 | 0.085 | 912 | 77 | 45 | 61 | 71 | 0.0 | 30.0 |
| Mn | 62425.04 | 0.021 | 852 | 57 | 30 | 38 | 59 | 0.0 | 11.2 |

**********

Statistics for G001 0 FLT 23 Day 283

**********

Start Time 08:20:44 Start East 534088 Start Nrth 5458528
End Time 08:22:37 End East 534099 End Nrth 5458534

Elaps Time 00:01:53 Line Length = 0.013 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62249.26 | 0.000 | 704 | 35 | 14 | 21 | 43 | 0.0 | 8.0 |
| Max | 62252.09 | 0.073 | 826 | 79 | 43 | 51 | 88 | 0.0 | 12.0 |
| Mn | 62250.73 | 0.018 | 772 | 51 | 25 | 35 | 60 | 0.0 | 10.1 |

**********

Statistics for G001 0 FLT 23 Day 283

**********

Start Time 08:23:31 Start East 534073 Start Nrth 5458530
End Time 08:25:35 End East 534089 End Nrth 5458554

Elaps Time 00:02:04 Line Length = 0.029 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62248.65 | 0.000 | 1316 | 45 | 23 | 58 | 37 | 0.0 | 6.2 |
| Max | 62250.90 | 0.141 | 1500 | 97 | 52 | 117 | 76 | 0.0 | 40.0 |
| Mn | 62249.56 | 0.017 | 1405 | 72 | 37 | 84 | 58 | 0.0 | 22.0 |

**********

Statistics for G001 0 FLT 23 Day 283

**********

Start Time 08:26:32 Start East 534067 Start Nrth 5458552
End Time 08:28:15 End East 534090 End Nrth 5458558

Elaps Time 00:01:43 Line Length = 0.024 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62254.15 | 0.000 | 2675 | 126 | 164 | 23 | 44 | 0.0 | 36.0 |
| Max | 62256.73 | 0.212 | 2961 | 195 | 239 | 68 | 82 | 0.0 | 46.0 |
| Mn | 62255.55 | 0.021 | 2810 | 164 | 194 | 44 | 60 | 0.0 | 41.3 |

**********

Statistics for G001 0 FLT 23 Day 283

**********

Start Time 08:29:16 Start East 534095 Start Nrth 5458549
End Time 08:31:14 End East 534099 End Nrth 5458571

Elaps Time 00:01:58 Line Length = 0.022 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62255.12 | 0.000 | 728 | 37 | 16 | 21 | 44 | 0.0 | -11.0 |
| Max | 62258.75 | 0.099 | 872 | 74 | 41 | 62 | 86 | 0.0 | 30.0 |
| Mn | 62256.41 | 0.021 | 782 | 51 | 26 | 34 | 60 | 0.0 | 2.6 |

**********

Statistics for C001 0 FLT 23 Day 283

**********

Start Time 09:29:05 Start East 530822 Start Nrth 5461302
End Time 09:31:08 End East 531385 End Nrth 5464899

Elaps Time 00:02:03 Line Length = 3.641 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61618.99 | 0.000 | 62 | 2 | 0 | 0 | 41 | 195.0 | 70.0 |
| Max | 61857.28 | 0.127 | 488 | 62 | 20 | 20 | 87 | 292.0 | 82.0 |
| Mn | 61721.27 | 0.022 | 251 | 25 | 7 | 8 | 61 | 245.5 | 74.8 |

**********

Statistics for Y001 0 FLT 23 Day 283

**********

Start Time 09:32:16 Start East 531431 Start Nrth 5461922
End Time 09:34:10 End East 534527 End Nrth 5464674

Elaps Time 00:01:54 Line Length = 4.142 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61691.02 | 0.000 | 61 | 2 | 0 | 0 | 41 | 230.0 | 61.0 |
| Max | 61724.56 | 0.118 | 106 | 19 | 8 | 11 | 76 | 272.0 | 73.0 |
| Mn | 61714.26 | 0.024 | 81 | 9 | 2 | 2 | 61 | 252.7 | 67.6 |

**********

Statistics for Cal 2 FLT 23 Day 283

**********

Start Time 12:32:38 Start East 530793 Start Nrth 5461335
End Time 12:34:41 End East 531329 End Nrth 5464748

Elaps Time 00:02:03 Line Length = 3.455 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61629.58 | 0.000 | 76 | 3 | 0 | 1 | 39 | 198.0 | 58.0 |
| Max | 61863.08 | 0.096 | 481 | 64 | 22 | 24 | 79 | 276.0 | 124.8 |
| Mn | 61725.80 | 0.022 | 262 | 26 | 7 | 8 | 61 | 246.0 | 97.3 |

**********

Statistics for Z002 0 FLT 23 Day 283

**********

Start Time 12:35:17 Start East 531377 Start Nrth 5462224
End Time 12:37:11 End East 534167 End Nrth 5464772

Elaps Time 00:01:54 Line Length = 3.778 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61695.22 | 0.000 | 65 | 6 | 0 | 0 | 42 | 259.0 | 55.0 |
| Max | 61736.29 | 0.163 | 168 | 24 | 9 | 10 | 78 | 317.0 | 117.0 |
| Mn | 61722.19 | 0.025 | 89 | 11 | 2 | 2 | 60 | 287.7 | 79.0 |

**********

Statistics for H002 0 FLT 23 Day 283

**********

Start Time 13:49:58 Start East 534081 Start Nrth 5458544
End Time 13:51:37 End East 534098 End Nrth 5458552

Elaps Time 00:01:39 Line Length = 0.019 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62173.46 | 0.000 | 741 | 37 | 12 | 25 | 40 | 0.0 | -9.0 |
| Max | 62174.11 | 0.137 | 895 | 72 | 40 | 51 | 80 | 0.0 | 14.0 |
| Mn | 62173.91 | 0.017 | 813 | 53 | 28 | 37 | 60 | 0.0 | -0.2 |

**********

Statistics for H002 0 FLT 23 Day 283

**********

Start Time 13:52:49 Start East 534076 Start Nrth 5458541
End Time 13:54:28 End East 534100 End Nrth 5458556

Elaps Time 00:01:39 Line Length = 0.028 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62171.48 | 0.000 | 1345 | 51 | 20 | 65 | 44 | 0.0 | 11.0 |
| Max | 62173.48 | 0.117 | 1534 | 97 | 61 | 118 | 79 | 0.0 | 36.0 |
| Mn | 62172.66 | 0.024 | 1442 | 73 | 38 | 85 | 60 | 0.0 | 28.0 |

**********

Statistics for H002 0 FLT 23 Day 283

**********

Start Time 13:55:23 Start East 534058 Start Nrth 5458531
End Time 13:57:20 End East 534078 End Nrth 5458540

Elaps Time 00:01:57 Line Length = 0.022 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62172.49 | 0.000 | 2671 | 122 | 158 | 25 | 42 | 0.0 | -7.0 |
| Max | 62173.69 | 0.090 | 2987 | 200 | 238 | 60 | 77 | 0.0 | 35.0 |
| Mn | 62173.18 | 0.021 | 2841 | 169 | 193 | 43 | 59 | 0.0 | 5.9 |

**********

Statistics for H002 0 FLT 23 Day 283

**********

Start Time 13:58:05 Start East 534090 Start Nrth 5458546
End Time 13:59:43 End East 534099 End Nrth 5458550

Elaps Time 00:01:38 Line Length = 0.010 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 62173.61 | 0.000 | 756 | 37 | 13 | 26 | 44 | 0.0 | 72.2 |
| Max | 62174.99 | 0.226 | 904 | 77 | 41 | 48 | 78 | 0.0 | 95.0 |
| Mn | 62174.45 | 0.027 | 817 | 54 | 27 | 36 | 61 | 0.0 | 87.2 |

# APPENDIX 7

# DATA STATISTICS

## Flight Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Fingal |
| Area: | 1 |
| Traverse Lines: | 1 - 99 |

**********
Statistics for Trav 1 FLT 53 Day 304
**********

Start Time 15:49:14 Start East 563553 Start Nrth 5434165
End Time 15:56:23 End East 575527 End Nrth 5434211

Elaps Time 00:07:09 Line Length = 11.974 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61518.30 | 0.000 | 459 | 37 | 4 | 10 | 44 | 148.2 | 295.0 |
| Max | 61693.34 | 0.217 | 1552 | 184 | 58 | 61 | 103 | 366.0 | 953.0 |
| Mn | 61638.71 | 0.026 | 928 | 94 | 25 | 27 | 71 | 242.8 | 631.0 |

**********
Statistics for Trav 2 FLT 53 Day 304
**********

Start Time 15:42:25 Start East 563236 Start Nrth 5433987
End Time 15:48:19 End East 575586 End Nrth 5434011

Elaps Time 00:05:54 Line Length = 12.350 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61409.96 | 0.000 | 427 | 29 | 2 | 7 | 47 | 178.0 | 294.0 |
| Max | 61711.81 | 0.335 | 1504 | 168 | 52 | 52 | 97 | 416.0 | 950.0 |
| Mn | 61635.39 | 0.028 | 846 | 83 | 23 | 27 | 71 | 262.7 | 636.1 |

**********
Statistics for Trav 3 FLT 53 Day 304
**********

Start Time 15:34:22 Start East 563324 Start Nrth 5433787
End Time 15:41:46 End East 575421 End Nrth 5433812

Elaps Time 00:07:24 Line Length = 12.097 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61513.92 | 0.000 | 411 | 30 | 7 | 7 | 47 | 153.0 | 295.0 |
| Max | 62013.01 | 0.337 | 1534 | 170 | 61 | 49 | 104 | 526.0 | 952.0 |
| Mn | 61640.89 | 0.032 | 826 | 81 | 23 | 26 | 72 | 243.8 | 621.8 |

**********
Statistics for Trav 4 FLT 53 Day 304
**********

Start Time 15:27:11 Start East 563472 Start Nrth 5433574
End Time 15:33:35 End East 575659 End Nrth 5433610

Elaps Time 00:06:24 Line Length = 12.187 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61450.02 | 0.000 | 404 | 30 | 4 | 8 | 47 | 182.0 | 303.0 |
| Max | 61742.09 | 0.240 | 1324 | 164 | 48 | 51 | 97 | 406.0 | 934.0 |
| Mn | 61635.26 | 0.024 | 793 | 79 | 21 | 26 | 71 | 258.4 | 628.2 |

**********
Statistics for Trav 5 FLT 53 Day 304
**********

Start Time 15:18:58 Start East 563374 Start Nrth 5433390
End Time 15:26:32 End East 575443 End Nrth 5433410

Elaps Time 00:07:34 Line Length = 12.069 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61529.61 | 0.000 | 473 | 31 | 7 | 8 | 50 | 138.0 | 296.0 |
| Max | 61756.12 | 0.271 | 1294 | 162 | 46 | 48 | 106 | 497.0 | 902.0 |
| Mn | 61641.54 | 0.028 | 822 | 81 | 22 | 28 | 70 | 233.3 | 580.7 |

**********
Statistics for Trav 6 FLT 53 Day 304
**********

Start Time 15:12:08 Start East 563635 Start Nrth 5433180
End Time 15:18:12 End East 575948 End Nrth 5433209

Elaps Time 00:06:04 Line Length = 12.313 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61543.38 | 0.000 | 458 | 28 | 6 | 9 | 41 | 154.0 | 297.0 |
| Max | 61739.60 | 0.232 | 1524 | 167 | 51 | 52 | 103 | 461.0 | 888.0 |
| Mn | 61638.92 | 0.025 | 754 | 74 | 20 | 25 | 71 | 257.6 | 607.7 |

**********

Statistics for Trav 7 FLT 53 Day 304

**********

Start Time 15:03:31 Start East 563084 Start Nrth 5432974
End Time 15:11:10 End East 575549 End Nrth 5433010

Elaps Time 00:07:39 Line Length = 12.465 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61613.64 | 0.000 | 361 | 26 | 4 | 6 | 45 | 139.0 | 315.0 |
| Max | 61768.72 | 0.181 | 1310 | 130 | 48 | 44 | 114 | 477.0 | 891.0 |
| Mn | 61648.45 | 0.026 | 697 | 67 | 19 | 23 | 69 | 241.0 | 567.0 |

**********

Statistics for Trav 8 FLT 52 Day 304

**********

Start Time 13:17:15 Start East 563569 Start Nrth 5432784
End Time 13:23:04 End East 575522 End Nrth 5432816

Elaps Time 00:05:49 Line Length = 11.953 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61622.69 | 0.000 | 399 | 31 | 7 | 9 | 47 | 158.0 | 323.0 |
| Max | 61766.67 | 0.353 | 1011 | 110 | 39 | 46 | 98 | 696.8 | 881.0 |
| Mn | 61652.50 | 0.026 | 681 | 66 | 18 | 23 | 70 | 277.2 | 576.8 |

**********

Statistics for Trav 9 FLT 52 Day 304

**********

Start Time 13:08:50 Start East 563059 Start Nrth 5432574
End Time 13:15:39 End East 575405 End Nrth 5432623

Elaps Time 00:06:49 Line Length = 12.346 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61628.18 | 0.000 | 455 | 35 | 5 | 8 | 49 | 142.0 | 311.0 |
| Max | 61740.85 | 0.146 | 1216 | 124 | 43 | 54 | 98 | 422.0 | 909.0 |
| Mn | 61657.90 | 0.024 | 731 | 70 | 19 | 26 | 68 | 234.7 | 545.3 |

Statistics for Trav 10 FLT 52 Day 304

Start Time 13:02:47 Start East 563152 Start Nrth 5432381
End Time 13:08:21 End East 575590 End Nrth 5432408

Elaps Time 00:05:34 Line Length = 12.438 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61624.17 | 0.000 | 406 | 29 | 4 | 8 | 47 | 161.0 | 307.0 |
| Max | 61726.34 | 0.081 | 1033 | 113 | 41 | 45 | 101 | 524.0 | 930.0 |
| Mn | 61659.98 | 0.020 | 632 | 59 | 18 | 22 | 69 | 287.3 | 563.5 |

Statistics for Trav 11 FLT 52 Day 304

Start Time 12:47:59 Start East 563108 Start Nrth 5432187
End Time 12:55:28 End East 575487 End Nrth 5432210

Elaps Time 00:07:29 Line Length = 12.379 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61557.67 | 0.000 | 431 | 30 | 7 | 3 | 40 | 160.0 | 309.0 |
| Max | 61716.94 | 0.202 | 1054 | 122 | 40 | 49 | 101 | 435.0 | 917.0 |
| Mn | 61658.50 | 0.024 | 698 | 67 | 19 | 24 | 69 | 240.9 | 557.5 |

Statistics for Trav 12 FLT 52 Day 304

Start Time 12:40:47 Start East 563168 Start Nrth 5431967
End Time 12:47:12 End East 575222 End Nrth 5432009

Elaps Time 00:06:25 Line Length = 12.054 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 59654.82 | 0.000 | 414 | 30 | 5 | 6 | 46 | 164.0 | 310.0 |
| Max | 61726.05 | 0.304 | 1150 | 124 | 46 | 49 | 103 | 431.0 | 924.0 |
| Mn | 61615.91 | 0.022 | 653 | 63 | 18 | 23 | 69 | 255.0 | 591.2 |

Statistics for Trav 13 FLT 52 Day 304

Start Time 12:32:50 Start East 563447 Start Nrth 5431790
End Time 12:39:49 End East 575737 End Nrth 5431809

Elaps Time 00:06:59 Line Length = 12.290 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60867.43 | 0.000 | 414 | 31 | 6 | 5 | 40 | 163.0 | 318.0 |
| Max | 62131.67 | 0.474 | 1078 | 131 | 41 | 50 | 97 | 425.0 | 903.0 |
| Mn | 61650.00 | 0.026 | 692 | 67 | 19 | 24 | 70 | 246.2 | 589.1 |

Statistics for Trav 14 FLT 52 Day 304

Start Time 12:25:19 Start East 563569 Start Nrth 5431576
End Time 12:31:48 End East 575819 End Nrth 5431605

Elaps Time 00:06:29 Line Length = 12.250 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61568.01 | 0.000 | 402 | 20 | 4 | 7 | 43 | 183.0 | 320.0 |
| Max | 61863.98 | 0.105 | 1100 | 132 | 40 | 51 | 103 | 510.0 | 929.0 |
| Mn | 61665.14 | 0.021 | 672 | 66 | 18 | 23 | 71 | 273.2 | 604.0 |

Statistics for Trav 15 FLT 52 Day 304

Start Time 12:16:58 Start East 563411 Start Nrth 5431388
End Time 12:24:21 End East 575495 End Nrth 5431419

Elaps Time 00:07:23 Line Length = 12.084 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61603.76 | 0.000 | 312 | 20 | 4 | 5 | 45 | 137.0 | 319.0 |
| Max | 61831.76 | 0.133 | 1124 | 132 | 45 | 49 | 99 | 422.0 | 925.0 |
| Mn | 61666.56 | 0.024 | 675 | 68 | 18 | 23 | 70 | 251.6 | 582.8 |

Statistics for Trav 16 FLT 52 Day 304

Start Time 11:08:03 Start East 563563 Start Nrth 5431176
End Time 11:15:17 End East 575729 End Nrth 5431209

Elaps Time 00:07:14 Line Length = 12.166 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61569.03 | 0.000 | 295 | 20 | 1 | 4 | 44 | 179.0 | 327.0 |
| Max | 61854.71 | 0.191 | 1137 | 132 | 40 | 55 | 102 | 648.0 | 929.0 |
| Mn | 61671.69 | 0.020 | 635 | 63 | 17 | 21 | 71 | 279.2 | 603.6 |

Statistics for Trav 17 FLT 52 Day 304

Start Time 10:59:37 Start East 563411 Start Nrth 5430985
End Time 11:07:16 End East 575618 End Nrth 5431008

Elaps Time 00:07:39 Line Length = 12.207 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61555.51 | 0.000 | 257 | 19 | 2 | 4 | 39 | 147.0 | 318.0 |
| Max | 61993.21 | 0.163 | 1160 | 147 | 41 | 58 | 105 | 418.0 | 904.0 |
| Mn | 61678.64 | 0.025 | 698 | 70 | 19 | 23 | 70 | 235.3 | 582.0 |

Statistics for Trav 18 FLT 52 Day 304

Start Time 10:51:41 Start East 563472 Start Nrth 5430787
End Time 10:58:50 End East 575747 End Nrth 5430824

Elaps Time 00:07:09 Line Length = 12.275 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61544.07 | 0.000 | 298 | 23 | 4 | 2 | 48 | 157.0 | 333.0 |
| Max | 62313.61 | 0.321 | 1109 | 128 | 40 | 53 | 101 | 478.0 | 921.0 |
| Mn | 61699.01 | 0.023 | 679 | 66 | 19 | 24 | 69 | 272.6 | 578.3 |

**********
Statistics for Trav 19 FLT 52 Day 304
**********

Start Time 10:42:30 Start East 563108 Start Nrth 5430589
End Time 10:50:34 End East 575376 End Nrth 5430612

Elaps Time 00:08:04 Line Length = 12.268 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61411.42 | 0.000 | 391 | 25 | 6 | 6 | 43 | 165.0 | 339.0 |
| Max | 62125.30 | 0.359 | 1106 | 140 | 45 | 47 | 103 | 499.0 | 921.0 |
| Mn | 61670.37 | 0.022 | 722 | 71 | 20 | 24 | 69 | 253.9 | 559.1 |

**********
Statistics for Trav 20 FLT 52 Day 304
**********

Start Time 10:35:21 Start East 563634 Start Nrth 5430379
End Time 10:41:34 End East 575254 End Nrth 5430415

Elaps Time 00:06:13 Line Length = 11.620 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61351.11 | 0.000 | 428 | 27 | 4 | 7 | 43 | 162.0 | 351.0 |
| Max | 62063.35 | 0.484 | 1105 | 136 | 41 | 47 | 106 | 540.0 | 925.0 |
| Mn | 61655.92 | 0.023 | 700 | 69 | 19 | 24 | 69 | 283.9 | 570.5 |

**********
Statistics for Trav 21 FLT 52 Day 304
**********

Start Time 10:26:40 Start East 563414 Start Nrth 5430181
End Time 10:34:08 End East 575669 End Nrth 5430214

Elaps Time 00:07:28 Line Length = 12.255 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61484.82 | 0.000 | 362 | 26 | 6 | 9 | 49 | 176.0 | 342.0 |
| Max | 61857.01 | 0.309 | 1091 | 132 | 43 | 49 | 99 | 460.0 | 910.0 |
| Mn | 61664.10 | 0.021 | 711 | 71 | 19 | 24 | 69 | 253.6 | 559.2 |

**********
Statistics for Trav 22 FLT 51 Day 303
**********

Start Time 16:17:34 Start East 563238 Start Nrth 5429988
End Time 16:24:43 End East 575458 End Nrth 5430018

Elaps Time 00:07:09 Line Length = 12.220 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61488.90 | 0.000 | 457 | 25 | 6 | 5 | 46 | 165.0 | 331.0 |
| Max | 62120.39 | 0.574 | 1223 | 136 | 43 | 52 | 101 | 399.0 | 917.0 |
| Mn | 61668.06 | 0.025 | 743 | 74 | 19 | 25 | 69 | 249.8 | 539.9 |

**********
Statistics for Trav 23 FLT 51 Day 303
**********

Start Time 16:10:17 Start East 563432 Start Nrth 5429782
End Time 16:16:46 End East 575377 End Nrth 5429809

Elaps Time 00:06:29 Line Length = 11.945 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61500.93 | 0.000 | 373 | 27 | 7 | 7 | 44 | 167.0 | 336.0 |
| Max | 62067.67 | 0.360 | 1344 | 159 | 45 | 61 | 103 | 511.0 | 918.0 |
| Mn | 61674.41 | 0.022 | 733 | 73 | 20 | 26 | 71 | 262.7 | 550.9 |

**********
Statistics for Trav 24 FLT 51 Day 303
**********

Start Time 16:02:43 Start East 563441 Start Nrth 5429585
End Time 16:09:27 End East 575305 End Nrth 5429612

Elaps Time 00:06:44 Line Length = 11.864 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61066.44 | 0.000 | 427 | 28 | 2 | 8 | 46 | 166.0 | 348.0 |
| Max | 61871.44 | 0.163 | 1334 | 161 | 46 | 55 | 98 | 399.0 | 914.0 |
| Mn | 61666.46 | 0.023 | 761 | 76 | 20 | 26 | 70 | 258.5 | 547.9 |

Statistics for Trav 25 FLT 51 Day 303

Start Time 15:55:08 Start East 563571 Start Nrth 5429388
End Time 16:02:02 End East 575762 End Nrth 5429414

Elaps Time 00:06:54 Line Length = 12.191 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61273.48 | 0.000 | 378 | 28 | 6 | 5 | 46 | 160.0 | 357.0 |
| Max | 61786.28 | 0.406 | 1356 | 148 | 47 | 62 | 103 | 659.0 | 902.0 |
| Mn | 61665.64 | 0.022 | 731 | 71 | 20 | 25 | 71 | 276.3 | 558.0 |

Statistics for Trav 26 FLT 51 Day 303

Start Time 15:47:40 Start East 563434 Start Nrth 5429183
End Time 15:54:29 End East 575474 End Nrth 5429214

Elaps Time 00:06:49 Line Length = 12.040 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61552.30 | 0.000 | 481 | 39 | 7 | 4 | 44 | 132.0 | 354.0 |
| Max | 61873.83 | 0.234 | 1373 | 157 | 45 | 59 | 107 | 463.0 | 901.0 |
| Mn | 61680.23 | 0.022 | 782 | 79 | 20 | 27 | 70 | 249.3 | 547.7 |

Statistics for Trav 27 FLT 51 Day 303

Start Time 15:40:05 Start East 563523 Start Nrth 5428982
End Time 15:46:59 End East 575800 End Nrth 5429007

Elaps Time 00:06:54 Line Length = 12.277 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61492.20 | 0.000 | 365 | 32 | 4 | 8 | 47 | 181.0 | 366.0 |
| Max | 61846.98 | 0.276 | 1413 | 161 | 47 | 62 | 97 | 577.0 | 866.0 |
| Mn | 61679.37 | 0.022 | 768 | 76 | 20 | 27 | 70 | 275.4 | 558.4 |

Statistics for Trav 28 FLT 51 Day 303

**********

Start Time 15:32:03 Start East 563279 Start Nrth 5428784
End Time 15:39:37 End East 575643 End Nrth 5428821

Elaps Time 00:07:34 Line Length = 12.364 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61586.14 | 0.000 | 471 | 40 | 2 | 10 | 42 | 158.0 | 367.0 |
| Max | 62203.46 | 0.149 | 1248 | 152 | 50 | 53 | 98 | 469.0 | 883.0 |
| Mn | 61687.72 | 0.023 | 752 | 74 | 20 | 26 | 70 | 271.4 | 555.9 |

**********

Statistics for Trav 29 FLT 51 Day 303

**********

Start Time 15:23:42 Start East 563075 Start Nrth 5428578
End Time 15:31:06 End East 575745 End Nrth 5428612

Elaps Time 00:07:24 Line Length = 12.670 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61395.92 | 0.000 | 326 | 28 | 2 | 6 | 46 | 160.0 | 394.0 |
| Max | 62408.44 | 0.141 | 1279 | 138 | 47 | 58 | 103 | 759.0 | 902.0 |
| Mn | 61701.73 | 0.020 | 738 | 73 | 20 | 25 | 70 | 296.6 | 561.7 |

**********

Statistics for Trav 30 FLT 51 Day 303

**********

Start Time 15:15:22 Start East 563344 Start Nrth 5428386
End Time 15:22:51 End East 575463 End Nrth 5428412

Elaps Time 00:07:29 Line Length = 12.119 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61631.93 | 0.000 | 446 | 37 | 7 | 9 | 46 | 175.0 | 394.0 |
| Max | 62617.49 | 0.207 | 1166 | 146 | 47 | 56 | 99 | 425.0 | 886.0 |
| Mn | 61694.37 | 0.022 | 743 | 74 | 20 | 25 | 71 | 263.5 | 572.3 |

**********
Statistics for Trav 31 FLT 51 Day 303
**********

Start Time 15:07:40 Start East 563544 Start Nrth 5428187
End Time 15:14:39 End East 575527 End Nrth 5428208

Elaps Time 00:06:59 Line Length = 11.983 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61635.14 | 0.000 | 392 | 27 | 6 | 6 | 48 | 162.0 | 409.0 |
| Max | 61798.78 | 0.122 | 1455 | 165 | 43 | 62 | 106 | 613.0 | 886.6 |
| Mn | 61687.25 | 0.020 | 716 | 72 | 19 | 24 | 72 | 285.6 | 598.9 |

**********
Statistics for Trav 32 FLT 51 Day 303
**********

Start Time 14:20:33 Start East 563452 Start Nrth 5427982
End Time 14:27:57 End East 575528 End Nrth 5428015

Elaps Time 00:07:24 Line Length = 12.076 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61604.05 | 0.000 | 396 | 27 | 6 | 6 | 45 | 165.0 | 425.0 |
| Max | 62279.70 | 0.124 | 1436 | 153 | 52 | 58 | 99 | 540.0 | 905.0 |
| Mn | 61687.67 | 0.022 | 746 | 75 | 19 | 25 | 71 | 280.8 | 611.0 |

**********
Statistics for Trav 33 FLT 51 Day 303
**********

Start Time 14:12:15 Start East 563616 Start Nrth 5427783
End Time 14:19:39 End East 575566 End Nrth 5427810

Elaps Time 00:07:24 Line Length = 11.950 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61591.15 | 0.000 | 393 | 26 | 6 | 7 | 49 | 163.0 | 438.0 |
| Max | 61784.46 | 0.146 | 1364 | 154 | 42 | 59 | 98 | 788.0 | 894.0 |
| Mn | 61683.69 | 0.020 | 686 | 68 | 18 | 23 | 72 | 301.0 | 639.9 |

**********

Statistics for Trav 34 FLT 51 Day 303

**********

Start Time 14:03:26 Start East 563428 Start Nrth 5427580
End Time 14:11:00 End East 575455 End Nrth 5427613

Elaps Time 00:07:34 Line Length = 12.027 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61452.53 | 0.000 | 327 | 23 | 6 | 2 | 46 | 183.0 | 392.0 |
| Max | 61801.91 | 0.135 | 1423 | 156 | 42 | 61 | 102 | 799.0 | 895.4 |
| Mn | 61675.27 | 0.022 | 668 | 67 | 18 | 22 | 73 | 327.4 | 654.0 |

**********

Statistics for Trav 35 FLT 51 Day 303

**********

Start Time 13:53:53 Start East 563159 Start Nrth 5427347
End Time 14:02:32 End East 575432 End Nrth 5427410

Elaps Time 00:08:39 Line Length = 12.273 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61369.46 | 0.000 | 304 | 19 | 5 | 8 | 49 | 153.0 | 435.0 |
| Max | 62471.71 | 0.196 | 1291 | 133 | 44 | 55 | 106 | 632.0 | 882.7 |
| Mn | 61681.23 | 0.021 | 711 | 72 | 18 | 24 | 74 | 272.8 | 681.3 |

**********

Statistics for Trav 36 FLT 51 Day 303

**********

Start Time 13:45:21 Start East 563380 Start Nrth 5427181
End Time 13:53:05 End East 575420 End Nrth 5427212

Elaps Time 00:07:44 Line Length = 12.040 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61435.43 | 0.000 | 318 | 20 | 4 | 5 | 51 | 172.0 | 459.0 |
| Max | 61825.26 | 0.202 | 1287 | 129 | 45 | 54 | 98 | 782.0 | 885.0 |
| Mn | 61678.54 | 0.024 | 669 | 67 | 17 | 22 | 74 | 310.6 | 707.7 |

**********

Statistics for Trav 37 FLT 51 Day 303

**********

Start Time 13:37:01 Start East 563562 Start Nrth 5426976
End Time 13:44:20 End East 575574 End Nrth 5427007

Elaps Time 00:07:19 Line Length = 12.012 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61616.22 | 0.000 | 245 | 14 | 3 | 1 | 49 | 156.0 | 475.0 |
| Max | 61827.56 | 0.173 | 1368 | 149 | 50 | 55 | 99 | 682.0 | 896.0 |
| Mn | 61688.78 | 0.022 | 695 | 69 | 18 | 23 | 75 | 298.4 | 715.1 |

**********

Statistics for Trav 38 FLT 51 Day 303

**********

Start Time 13:28:45 Start East 563077 Start Nrth 5426781
End Time 13:36:14 End East 575611 End Nrth 5426814

Elaps Time 00:07:29 Line Length = 12.534 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61565.11 | 0.000 | 276 | 16 | 6 | 5 | 48 | 179.0 | 461.0 |
| Max | 61785.27 | 0.126 | 1524 | 166 | 53 | 64 | 101 | 788.0 | 888.0 |
| Mn | 61674.68 | 0.025 | 718 | 71 | 19 | 24 | 75 | 302.8 | 718.6 |

**********

Statistics for Trav 39 FLT 51 Day 303

**********

Start Time 13:19:58 Start East 563127 Start Nrth 5426582
End Time 13:27:47 End East 575660 End Nrth 5426609

Elaps Time 00:07:49 Line Length = 12.533 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61318.26 | 0.000 | 259 | 19 | 2 | 5 | 50 | 160.0 | 481.0 |
| Max | 61782.62 | 0.168 | 1687 | 170 | 54 | 72 | 104 | 639.0 | 879.0 |
| Mn | 61676.95 | 0.023 | 753 | 75 | 20 | 25 | 75 | 283.8 | 724.9 |

**********

Statistics for Trav 39 FLT 58 Day 308

**********

Start Time 10:55:40 Start East 572138 Start Nrth 5426587
End Time 10:57:22 End East 575501 End Nrth 5426607

Elaps Time 00:01:42 Line Length = 3.363 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61633.17 | 0.000 | 265 | 20 | 6 | 4 | 56 | 187.0 | 559.0 |
| Max | 61791.39 | 0.117 | 1367 | 152 | 50 | 59 | 102 | 467.8 | 865.0 |
| Mn | 61740.48 | 0.022 | 849 | 80 | 25 | 28 | 79 | 243.5 | 691.9 |

**********

Statistics for Trav 40 FLT 51 Day 303

**********

Start Time 13:11:37 Start East 563305 Start Nrth 5426379
End Time 13:18:31 End East 575497 End Nrth 5426409

Elaps Time 00:06:54 Line Length = 12.192 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61621.13 | 0.000 | 243 | 13 | 2 | 2 | 43 | 172.0 | 476.0 |
| Max | 61812.17 | 0.188 | 1676 | 149 | 65 | 60 | 102 | 827.0 | 888.0 |
| Mn | 61677.57 | 0.024 | 660 | 65 | 17 | 22 | 75 | 309.6 | 744.2 |

**********

Statistics for Trav 41 FLT 51 Day 303

**********

Start Time 13:02:47 Start East 563567 Start Nrth 5426183
End Time 13:10:16 End East 575709 End Nrth 5426210

Elaps Time 00:07:29 Line Length = 12.142 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61620.32 | 0.000 | 280 | 13 | 6 | 6 | 48 | 154.0 | 498.0 |
| Max | 61776.89 | 0.169 | 1423 | 133 | 58 | 66 | 117 | 560.0 | 898.0 |
| Mn | 61680.50 | 0.021 | 690 | 67 | 19 | 23 | 76 | 283.0 | 735.9 |

**********

Statistics for Trav 42 FLT 51 Day 303

**********

Start Time 12:53:55 Start East 563245 Start Nrth 5425987
End Time 13:00:54 End East 575530 End Nrth 5426008

Elaps Time 00:06:59 Line Length = 12.285 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61619.49 | 0.000 | 326 | 20 | 5 | 3 | 48 | 164.0 | 450.0 |
| Max | 61768.39 | 0.165 | 1222 | 123 | 43 | 52 | 105 | 826.0 | 915.0 |
| Mn | 61672.80 | 0.022 | 633 | 63 | 17 | 21 | 75 | 282.9 | 740.5 |

**********

Statistics for Trav 43 FLT 51 Day 303

**********

Start Time 12:45:10 Start East 563554 Start Nrth 5425773
End Time 12:52:54 End East 575355 End Nrth 5425818

Elaps Time 00:07:44 Line Length = 11.801 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61621.22 | 0.000 | 313 | 21 | 4 | 3 | 52 | 78.0 | 526.0 |
| Max | 61735.33 | 0.121 | 1196 | 123 | 44 | 48 | 107 | 614.0 | 938.0 |
| Mn | 61670.64 | 0.020 | 671 | 67 | 18 | 22 | 75 | 262.0 | 732.2 |

**********

Statistics for Trav 44 FLT 51 Day 303

**********

Start Time 12:36:27 Start East 563129 Start Nrth 5425583
End Time 12:43:16 End East 575375 End Nrth 5425627

Elaps Time 00:06:49 Line Length = 12.246 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61621.96 | 0.000 | 292 | 21 | 2 | 4 | 49 | 148.0 | 504.0 |
| Max | 61724.99 | 0.133 | 1175 | 124 | 40 | 45 | 105 | 859.0 | 976.0 |
| Mn | 61667.72 | 0.022 | 620 | 62 | 16 | 20 | 75 | 291.8 | 753.1 |

**********

Statistics for Trav 45 FLT 51 Day 303

**********

Start Time 12:27:55 Start East 563472 Start Nrth 5425386
End Time 12:35:44 End East 575427 End Nrth 5425406

Elaps Time 00:07:49 Line Length = 11.955 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61620.00 | 0.000 | 277 | 21 | 4 | 3 | 46 | 145.0 | 0.0 |
| Max | 61750.77 | 0.113 | 1128 | 126 | 47 | 51 | 108 | 582.0 | 999.4 |
| Mn | 61671.23 | 0.020 | 631 | 62 | 17 | 20 | 75 | 273.5 | 685.7 |

**********

Statistics for Trav 46 FLT 50 Day 303

**********

Start Time 11:13:45 Start East 563339 Start Nrth 5425186
End Time 11:21:13 End East 575252 End Nrth 5425208

Elaps Time 00:07:27 Line Length = 11.913 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61622.74 | 0.000 | 277 | 15 | 6 | 3 | 51 | 184.0 | 0.0 |
| Max | 61762.38 | 0.154 | 990 | 115 | 43 | 46 | 103 | 678.0 | 999.6 |
| Mn | 61672.04 | 0.021 | 574 | 56 | 16 | 18 | 76 | 307.9 | 679.3 |

**********

Statistics for Trav 47 FLT 49 Day 302

**********

Start Time 11:50:44 Start East 563556 Start Nrth 5424965
End Time 11:57:33 End East 575513 End Nrth 5425015

Elaps Time 00:06:49 Line Length = 11.957 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61613.08 | 0.000 | 267 | 12 | 2 | 3 | 49 | 129.0 | 0.0 |
| Max | 61780.23 | 0.182 | 1182 | 139 | 35 | 48 | 114 | 519.0 | 999.6 |
| Mn | 61669.04 | 0.028 | 559 | 56 | 14 | 18 | 81 | 234.7 | 665.0 |

**********

Statistics for Trav 48 FLT 49 Day 302

**********

Start Time 11:43:29 Start East 563206 Start Nrth 5424766
End Time 11:48:53 End East 575617 End Nrth 5424827

Elaps Time 00:05:24 Line Length = 12.411 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61613.19 | 0.000 | 222 | 12 | 1 | 1 | 54 | 160.0 | 0.2 |
| Max | 61752.11 | 0.200 | 971 | 105 | 30 | 40 | 108 | 564.0 | 998.8 |
| Mn | 61667.11 | 0.031 | 488 | 48 | 12 | 16 | 80 | 264.4 | 666.2 |

**********

Statistics for Trav 49 FLT 47 Day 300

**********

Start Time 15:15:29 Start East 574539 Start Nrth 5424481
End Time 15:16:33 End East 576494 End Nrth 5424610

Elaps Time 00:01:04 Line Length = 1.959 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61661.69 | 0.000 | 520 | 43 | 11 | 12 | 52 | 137.0 | 504.0 |
| Max | 61753.08 | 0.119 | 1667 | 174 | 64 | 72 | 109 | 371.0 | 627.0 |
| Mn | 61705.79 | 0.028 | 973 | 92 | 28 | 34 | 73 | 232.3 | 554.6 |

**********

Statistics for Trav 49 FLT 48 Day 301

**********

Start Time 16:53:00 Start East 563580 Start Nrth 5424572
End Time 16:58:29 End East 575554 End Nrth 5424617

Elaps Time 00:05:29 Line Length = 11.974 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61626.89 | 0.000 | 302 | 19 | 3 | 3 | 53 | 129.0 | 0.0 |
| Max | 61792.46 | 1.115 | 906 | 105 | 37 | 38 | 113 | 601.0 | 998.8 |
| Mn | 61683.66 | 0.029 | 559 | 53 | 16 | 17 | 83 | 246.3 | 666.4 |

**********

Statistics for Trav 50 FLT 48 Day 301

**********

Start Time 16:46:47 Start East 563552 Start Nrth 5424340
End Time 16:52:41 End East 575619 End Nrth 5424426

Elaps Time 00:05:54 Line Length = 12.067 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61585.76 | 0.000 | 287 | 22 | 2 | 2 | 52 | 156.0 | 0.0 |
| Max | 61793.55 | 0.130 | 1055 | 127 | 38 | 43 | 119 | 455.0 | 999.4 |
| Mn | 61682.78 | 0.023 | 581 | 57 | 17 | 17 | 82 | 240.2 | 638.9 |

**********

Statistics for Trav 51 FLT 48 Day 301

**********

Start Time 16:39:07 Start East 563551 Start Nrth 5424175
End Time 16:44:51 End East 575738 End Nrth 5424218

Elaps Time 00:05:44 Line Length = 12.187 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61617.62 | 0.000 | 304 | 19 | 5 | 1 | 59 | 129.0 | 0.3 |
| Max | 61851.06 | 0.202 | 1004 | 113 | 34 | 43 | 120 | 573.0 | 999.6 |
| Mn | 61686.72 | 0.028 | 565 | 54 | 16 | 17 | 84 | 250.0 | 646.3 |

**********

Statistics for Trav 52 FLT 48 Day 301

**********

Start Time 16:32:43 Start East 563601 Start Nrth 5423960
End Time 16:38:47 End East 575625 End Nrth 5424015

Elaps Time 00:06:04 Line Length = 12.024 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61572.35 | 0.000 | 300 | 19 | 6 | 3 | 54 | 127.0 | 0.0 |
| Max | 61914.14 | 0.122 | 1425 | 153 | 45 | 52 | 122 | 568.0 | 999.8 |
| Mn | 61690.33 | 0.023 | 597 | 58 | 17 | 18 | 83 | 236.3 | 627.4 |

**********
Statistics for Trav 53 FLT 48 Day 301
**********

Start Time 16:26:00 Start East 563468 Start Nrth 5423781
End Time 16:31:34 End East 575627 End Nrth 5423819

Elaps Time 00:05:34 Line Length = 12.159 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61522.67 | 0.000 | 309 | 19 | 4 | 4 | 53 | 137.0 | 0.0 |
| Max | 61941.51 | 0.443 | 1133 | 145 | 37 | 42 | 121 | 446.0 | 999.0 |
| Mn | 61685.66 | 0.031 | 593 | 59 | 17 | 18 | 84 | 239.3 | 625.3 |

**********
Statistics for Trav 54 FLT 48 Day 301
**********

Start Time 16:19:17 Start East 563365 Start Nrth 5423564
End Time 16:25:36 End East 575956 End Nrth 5423616

Elaps Time 00:06:19 Line Length = 12.591 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61521.76 | 0.000 | 277 | 18 | 3 | 2 | 56 | 139.0 | 0.0 |
| Max | 62093.46 | 0.183 | 1042 | 126 | 34 | 49 | 123 | 383.0 | 999.0 |
| Mn | 61688.29 | 0.025 | 576 | 56 | 16 | 18 | 84 | 229.9 | 647.5 |

**********
Statistics for Trav 54 FLT 50 Day 303
**********

Start Time 11:03:55 Start East 563499 Start Nrth 5423587
End Time 11:11:44 End East 575881 End Nrth 5423607

Elaps Time 00:07:49 Line Length = 12.382 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61517.30 | 0.000 | 266 | 19 | 3 | 3 | 53 | 179.0 | 0.0 |
| Max | 62073.66 | 0.133 | 865 | 103 | 30 | 43 | 135 | 818.6 | 999.7 |
| Mn | 61680.31 | 0.020 | 491 | 48 | 14 | 15 | 80 | 291.4 | 625.8 |

**********

Statistics for Trav 55 FLT 48 Day 301

**********

Start Time 16:13:04 Start East 563589 Start Nrth 5423381
End Time 16:18:28 End East 575600 End Nrth 5423448

Elaps Time 00:05:24 Line Length = 12.011 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61494.09 | 0.000 | 307 | 19 | 5 | 4 | 47 | 129.0 | 0.4 |
| Max | 61958.34 | 0.156 | 1055 | 114 | 36 | 46 | 121 | 479.0 | 999.6 |
| Mn | 61682.21 | 0.030 | 558 | 54 | 16 | 17 | 84 | 244.5 | 647.3 |

**********

Statistics for Trav 55 FLT 50 Day 303

**********

Start Time 10:54:12 Start East 563283 Start Nrth 5423387
End Time 11:01:56 End East 575775 End Nrth 5423407

Elaps Time 00:07:44 Line Length = 12.492 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61507.08 | 0.000 | 239 | 15 | 2 | 1 | 48 | 162.0 | 0.0 |
| Max | 61917.22 | 0.198 | 979 | 109 | 35 | 39 | 113 | 728.0 | 999.8 |
| Mn | 61677.12 | 0.022 | 489 | 47 | 14 | 15 | 80 | 301.6 | 644.5 |

**********

Statistics for Trav 56 FLT 48 Day 301

**********

Start Time 16:06:26 Start East 563467 Start Nrth 5423178
End Time 16:12:35 End East 575867 End Nrth 5423222

Elaps Time 00:06:09 Line Length = 12.400 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61485.72 | 0.000 | 304 | 19 | 4 | 3 | 58 | 156.0 | 0.4 |
| Max | 61978.51 | 0.167 | 1287 | 147 | 36 | 51 | 124 | 363.0 | 999.8 |
| Mn | 61677.70 | 0.025 | 561 | 55 | 16 | 17 | 83 | 241.3 | 661.8 |

**********
Statistics for Trav 57 FLT 48 Day 301
**********

Start Time 16:00:21 Start East 563666 Start Nrth 5422938
End Time 16:05:35 End East 575584 End Nrth 5423021

Elaps Time 00:05:14 Line Length = 11.918 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61466.36 | 0.000 | 303 | 20 | 3 | 2 | 55 | 159.0 | 0.8 |
| Max | 61750.79 | 0.331 | 1124 | 133 | 42 | 43 | 114 | 353.0 | 999.6 |
| Mn | 61665.74 | 0.032 | 531 | 51 | 15 | 16 | 84 | 238.0 | 677.9 |

**********
Statistics for Trav 57 FLT 50 Day 303
**********

Start Time 10:46:25 Start East 563559 Start Nrth 5422983
End Time 10:53:09 End East 575550 End Nrth 5423008

Elaps Time 00:06:44 Line Length = 11.991 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61460.32 | 0.000 | 255 | 18 | 3 | 2 | 55 | 165.0 | 0.0 |
| Max | 61747.90 | 0.111 | 1166 | 129 | 32 | 36 | 112 | 692.4 | 999.0 |
| Mn | 61659.48 | 0.020 | 471 | 45 | 13 | 15 | 79 | 262.8 | 672.8 |

**********
Statistics for Trav 58 FLT 47 Day 300
**********

Start Time 15:44:51 Start East 563516 Start Nrth 5422770
End Time 15:51:25 End East 576475 End Nrth 5422816

Elaps Time 00:06:34 Line Length = 12.959 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61564.49 | 0.000 | 253 | 17 | 2 | 2 | 52 | 132.0 | 0.2 |
| Max | 61735.12 | 0.178 | 744 | 100 | 28 | 34 | 108 | 350.0 | 999.8 |
| Mn | 61671.57 | 0.026 | 458 | 44 | 12 | 15 | 79 | 220.3 | 747.3 |

**********

Statistics for Trav 58 FLT 58 Day 308

**********

Start Time 10:59:51 Start East 571524 Start Nrth 5422780
End Time 11:01:15 End East 575362 End Nrth 5422818

Elaps Time 00:01:24 Line Length = 3.838 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61611.42 | 0.000 | 253 | 19 | 3 | 2 | 69 | 201.0 | 1.4 |
| Max | 61730.86 | 0.124 | 614 | 80 | 29 | 27 | 109 | 427.0 | 999.8 |
| Mn | 61688.36 | 0.023 | 430 | 42 | 12 | 14 | 84 | 302.1 | 775.3 |

**********

Statistics for Trav 59 FLT 47 Day 300

**********

Start Time 15:38:56 Start East 563425 Start Nrth 5422580
End Time 15:44:10 End East 575682 End Nrth 5422629

Elaps Time 00:05:14 Line Length = 12.257 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61604.73 | 0.000 | 257 | 15 | 3 | 3 | 56 | 170.0 | 0.0 |
| Max | 61724.13 | 0.162 | 666 | 77 | 28 | 30 | 104 | 413.0 | 999.4 |
| Mn | 61669.74 | 0.033 | 413 | 39 | 11 | 14 | 79 | 251.3 | 857.2 |

**********

Statistics for Trav 60 FLT 47 Day 300

**********

Start Time 15:32:03 Start East 563543 Start Nrth 5422364
End Time 15:38:32 End East 576064 End Nrth 5422411

Elaps Time 00:06:29 Line Length = 12.521 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61598.80 | 0.000 | 230 | 21 | 2 | 2 | 52 | 130.0 | 630.0 |
| Max | 61756.77 | 0.185 | 1131 | 137 | 46 | 47 | 109 | 309.2 | 985.0 |
| Mn | 61675.56 | 0.028 | 457 | 45 | 12 | 15 | 81 | 215.0 | 857.7 |

Statistics for Trav 61 FLT 47 Day 300

**********

Start Time 15:26:10 Start East 563299 Start Nrth 5422181
End Time 15:31:29 End East 575431 End Nrth 5422221

Elaps Time 00:05:19 Line Length = 12.132 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61510.10 | 0.000 | 248 | 11 | 1 | 2 | 55 | 161.0 | 0.0 |
| Max | 61756.60 | 0.210 | 951 | 97 | 27 | 43 | 110 | 424.0 | 999.4 |
| Mn | 61667.49 | 0.037 | 437 | 42 | 12 | 15 | 81 | 238.4 | 815.8 |

**********

Statistics for Trav 62 FLT 47 Day 300

**********

Start Time 15:19:04 Start East 563503 Start Nrth 5421976
End Time 15:25:38 End East 575644 End Nrth 5422044

Elaps Time 00:06:34 Line Length = 12.141 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61554.48 | 0.000 | 213 | 17 | 2 | 3 | 53 | 131.0 | 1.2 |
| Max | 62292.35 | 0.165 | 1283 | 147 | 38 | 62 | 110 | 418.0 | 999.8 |
| Mn | 61708.07 | 0.029 | 501 | 50 | 13 | 17 | 81 | 223.3 | 761.0 |

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Statistics for Trav 63 FLT 47 Day 300

**********

Start Time 15:52:23 Start East 563320 Start Nrth 5421774
End Time 15:58:07 End East 575535 End Nrth 5421829

Elaps Time 00:05:44 Line Length = 12.215 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61274.38 | 0.000 | 227 | 15 | 1 | 2 | 57 | 150.0 | 0.2 |
| Max | 62200.92 | 0.259 | 890 | 101 | 27 | 39 | 112 | 524.0 | 999.0 |
| Mn | 61694.76 | 0.034 | 469 | 46 | 12 | 15 | 81 | 232.9 | 743.5 |

Statistics for Trav 64 FLT 47 Day 300

Start Time 15:58:50 Start East 563550 Start Nrth 5421576
End Time 16:05:54 End East 575689 End Nrth 5421620

Elaps Time 00:07:04 Line Length = 12.139 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61165.71 | 0.000 | 231 | 16 | 2 | 2 | 55 | 123.0 | 0.0 |
| Max | 62035.73 | 0.423 | 1018 | 124 | 36 | 42 | 109 | 350.0 | 999.0 |
| Mn | 61677.47 | 0.030 | 503 | 49 | 13 | 17 | 81 | 194.6 | 763.7 |

Statistics for Trav 65 FLT 47 Day 300

Start Time 16:06:27 Start East 563467 Start Nrth 5421379
End Time 16:12:01 End East 575502 End Nrth 5421416

Elaps Time 00:05:34 Line Length = 12.035 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61324.88 | 0.000 | 277 | 18 | 2 | 5 | 50 | 152.0 | 633.0 |
| Max | 61765.35 | 0.251 | 986 | 121 | 35 | 33 | 113 | 494.0 | 974.0 |
| Mn | 61657.13 | 0.036 | 492 | 48 | 13 | 16 | 80 | 233.2 | 845.3 |

Statistics for Trav 66 FLT 47 Day 300

Start Time 16:13:47 Start East 563484 Start Nrth 5421174
End Time 16:21:41 End East 578654 End Nrth 5421232

Elaps Time 00:07:54 Line Length = 15.170 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61606.14 | 0.000 | 254 | 14 | 2 | 2 | 53 | 132.0 | 526.0 |
| Max | 61788.53 | 0.238 | 1206 | 150 | 34 | 49 | 104 | 337.0 | 914.0 |
| Mn | 61689.48 | 0.028 | 563 | 56 | 14 | 19 | 78 | 219.2 | 803.4 |

**********

Statistics for Trav 67 FLT 49 Day 302

**********

Start Time 11:33:21 Start East 563590 Start Nrth 5420952
End Time 11:41:25 End East 578585 End Nrth 5421026

Elaps Time 00:08:04 Line Length = 14.995 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61593.94 | 0.000 | 295 | 17 | 4 | 4 | 52 | 115.0 | 546.0 |
| Max | 61742.56 | 0.179 | 1044 | 120 | 29 | 48 | 110 | 485.0 | 890.0 |
| Mn | 61669.16 | 0.026 | 562 | 56 | 14 | 19 | 79 | 212.1 | 796.6 |

**********

Statistics for Trav 68 FLT 49 Day 302

**********

Start Time 11:26:25 Start East 563672 Start Nrth 5420778
End Time 11:32:49 End East 578578 End Nrth 5420814

Elaps Time 00:06:24 Line Length = 14.906 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61597.21 | 0.000 | 296 | 13 | 5 | 6 | 54 | 139.0 | 585.0 |
| Max | 61752.05 | 0.271 | 1261 | 146 | 33 | 50 | 109 | 522.0 | 906.0 |
| Mn | 61669.04 | 0.034 | 559 | 56 | 15 | 19 | 80 | 250.8 | 795.8 |

**********

Statistics for Trav 69 FLT 49 Day 302

**********

Start Time 11:18:10 Start East 563634 Start Nrth 5420573
End Time 11:26:04 End East 578597 End Nrth 5420625

Elaps Time 00:07:54 Line Length = 14.963 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61596.15 | 0.000 | 305 | 15 | 4 | 5 | 56 | 137.0 | 569.0 |
| Max | 61744.07 | 1.117 | 1021 | 127 | 35 | 47 | 112 | 461.0 | 892.0 |
| Mn | 61670.91 | 0.026 | 573 | 57 | 15 | 20 | 80 | 232.2 | 775.6 |

**********

Statistics for Trav 70 FLT 49 Day 302

**********

Start Time 11:11:22 Start East 563801 Start Nrth 5420380
End Time 11:17:46 End East 578562 End Nrth 5420417

Elaps Time 00:06:24 Line Length = 14.761 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61602.95 | 0.000 | 278 | 18 | 2 | 5 | 53 | 150.0 | 540.0 |
| Max | 61761.90 | 0.161 | 1009 | 127 | 33 | 39 | 105 | 506.0 | 915.0 |
| Mn | 61674.74 | 0.030 | 552 | 55 | 14 | 19 | 79 | 246.5 | 782.0 |

**********

Statistics for Trav 71 FLT 49 Day 302

**********

Start Time 10:41:09 Start East 563614 Start Nrth 5420180
End Time 10:49:13 End East 579023 End Nrth 5420219

Elaps Time 00:08:04 Line Length = 15.409 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61611.59 | 0.000 | 292 | 19 | 2 | 1 | 45 | 132.0 | 543.0 |
| Max | 61762.79 | 0.175 | 1257 | 142 | 36 | 53 | 106 | 421.0 | 905.0 |
| Mn | 61677.06 | 0.024 | 581 | 59 | 15 | 20 | 79 | 230.4 | 781.6 |

**********

Statistics for Trav 72 FLT 49 Day 302

**********

Start Time 10:33:48 Start East 563497 Start Nrth 5419982
End Time 10:40:42 End East 579018 End Nrth 5420038

Elaps Time 00:06:54 Line Length = 15.521 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61612.28 | 0.000 | 297 | 15 | 4 | 5 | 54 | 146.0 | 534.6 |
| Max | 61763.58 | 0.186 | 1253 | 137 | 37 | 49 | 107 | 576.0 | 897.0 |
| Mn | 61682.12 | 0.029 | 581 | 58 | 14 | 19 | 81 | 254.4 | 779.7 |

**********
Statistics for Trav 73 FLT 49 Day 302
**********

Start Time 10:25:37 Start East 563596 Start Nrth 5419775
End Time 10:33:21 End East 578702 End Nrth 5419827

Elaps Time 00:07:44 Line Length = 15.106 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61592.06 | 0.000 | 295 | 19 | 2 | 5 | 57 | 142.0 | 539.0 |
| Max | 61772.87 | 0.193 | 1262 | 147 | 37 | 51 | 110 | 490.0 | 883.0 |
| Mn | 61687.98 | 0.025 | 600 | 61 | 15 | 20 | 80 | 237.2 | 780.3 |

**********
Statistics for Trav 74 FLT 49 Day 302
**********

Start Time 10:18:29 Start East 563332 Start Nrth 5419582
End Time 10:25:03 End East 578325 End Nrth 5419631

Elaps Time 00:06:34 Line Length = 14.993 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61581.26 | 0.000 | 269 | 15 | 4 | 5 | 53 | 134.0 | 523.0 |
| Max | 61794.98 | 0.221 | 1038 | 116 | 36 | 46 | 110 | 449.0 | 915.0 |
| Mn | 61690.52 | 0.030 | 572 | 59 | 14 | 19 | 80 | 251.0 | 782.4 |

**********
Statistics for Trav 75 FLT 49 Day 302
**********

Start Time 10:09:19 Start East 563695 Start Nrth 5419375
End Time 10:17:13 End East 578948 End Nrth 5419416

Elaps Time 00:07:54 Line Length = 15.253 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61587.23 | 0.000 | 296 | 17 | 3 | 2 | 57 | 101.0 | 496.0 |
| Max | 61768.53 | 0.184 | 1249 | 134 | 38 | 56 | 116 | 385.0 | 883.0 |
| Mn | 61687.72 | 0.024 | 644 | 67 | 15 | 22 | 79 | 228.1 | 757.6 |

**********

Statistics for Trav 76 FLT 49 Day 302

**********

Start Time 09:59:58 Start East 559433 Start Nrth 5419187
End Time 10:08:42 End East 578882 End Nrth 5419233

Elaps Time 00:08:44 Line Length = 19.449 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61600.57 | 0.000 | 286 | 21 | 3 | 4 | 55 | 142.0 | 474.0 |
| Max | 61788.28 | 0.229 | 1206 | 154 | 43 | 49 | 108 | 442.0 | 900.0 |
| Mn | 61692.29 | 0.029 | 669 | 70 | 16 | 22 | 80 | 249.3 | 764.4 |

**********

Statistics for Trav 77 FLT 48 Day 301

**********

Start Time 15:47:31 Start East 559224 Start Nrth 5418971
End Time 15:56:55 End East 578808 End Nrth 5419018

Elaps Time 00:09:24 Line Length = 19.584 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61607.80 | 0.000 | 380 | 23 | 8 | 5 | 51 | 139.0 | 464.0 |
| Max | 61786.01 | 0.237 | 1528 | 163 | 45 | 58 | 115 | 430.0 | 891.0 |
| Mn | 61693.46 | 0.027 | 779 | 79 | 21 | 25 | 80 | 236.0 | 749.2 |

**********

Statistics for Trav 77 FLT 50 Day 303

**********

Start Time 10:30:37 Start East 559489 Start Nrth 5418988
End Time 10:41:01 End East 578522 End Nrth 5419014

Elaps Time 00:10:24 Line Length = 19.033 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61609.39 | 0.000 | 324 | 19 | 5 | 4 | 54 | 176.0 | 472.0 |
| Max | 61773.62 | 0.158 | 1209 | 151 | 38 | 51 | 107 | 776.0 | 898.0 |
| Mn | 61692.64 | 0.023 | 647 | 65 | 17 | 21 | 76 | 299.2 | 764.8 |

**********

Statistics for Trav 78 FLT 48 Day 301

**********

Start Time 15:37:33 Start East 559373 Start Nrth 5418772
End Time 15:46:30 End East 578455 End Nrth 5418824

Elaps Time 00:08:57 Line Length = 19.082 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61612.32 | 0.000 | 345 | 19 | 2 | 7 | 52 | 145.0 | 466.7 |
| Max | 61776.14 | 0.240 | 1781 | 189 | 54 | 62 | 117 | 355.0 | 898.0 |
| Mn | 61695.16 | 0.031 | 815 | 84 | 22 | 26 | 81 | 230.8 | 756.4 |

**********

Statistics for Trav 79 FLT 45 Day 300

**********

Start Time 11:39:51 Start East 559415 Start Nrth 5418580
End Time 11:50:20 End East 578836 End Nrth 5418621

Elaps Time 00:10:29 Line Length = 19.421 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61610.88 | 0.000 | 332 | 21 | 6 | 7 | 51 | 120.0 | 447.0 |
| Max | 61764.69 | 0.176 | 1548 | 213 | 48 | 64 | 109 | 339.0 | 899.0 |
| Mn | 61685.55 | 0.025 | 823 | 89 | 20 | 27 | 76 | 217.8 | 742.5 |

**********

Statistics for Trav 80 FLT 45 Day 300

**********

Start Time 11:29:30 Start East 559255 Start Nrth 5418362
End Time 11:38:59 End East 578485 End Nrth 5418429

Elaps Time 00:09:29 Line Length = 19.230 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61613.25 | 0.000 | 333 | 20 | 4 | 7 | 52 | 144.0 | 442.0 |
| Max | 61765.12 | 0.226 | 1706 | 207 | 46 | 61 | 100 | 462.0 | 898.0 |
| Mn | 61684.55 | 0.031 | 802 | 85 | 20 | 26 | 76 | 227.2 | 744.1 |

Statistics for Trav 81 FLT 32 Day 291

Start Time 16:30:47 Start East 587667 Start Nrth 5421176
End Time 16:40:55 End East 609845 End Nrth 5421236

Elaps Time 00:10:08 Line Length = 22.178 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61609.65 | 0.000 | 87 | 9 | 2 | 1 | 47 | 138.0 | 66.0 |
| Max | 61762.12 | 0.321 | 1737 | 224 | 51 | 62 | 100 | 397.0 | 501.0 |
| Mn | 61632.07 | 0.021 | 917 | 99 | 22 | 28 | 68 | 249.3 | 242.0 |

Statistics for Trav 82 FLT 32 Day 291

Start Time 16:42:18 Start East 587613 Start Nrth 5420963
End Time 16:52:57 End East 609686 End Nrth 5421075

Elaps Time 00:10:39 Line Length = 22.073 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61609.45 | 0.000 | 110 | 11 | 2 | 2 | 44 | 136.0 | 63.0 |
| Max | 61659.97 | 0.163 | 1782 | 245 | 52 | 70 | 99 | 392.0 | 484.0 |
| Mn | 61628.60 | 0.024 | 949 | 102 | 24 | 29 | 68 | 228.3 | 225.3 |

Statistics for Trav 83 FLT 32 Day 291

Start Time 16:54:43 Start East 587667 Start Nrth 5420786
End Time 17:06:12 End East 609913 End Nrth 5420822

Elaps Time 00:11:29 Line Length = 22.246 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61610.17 | 0.000 | 96 | 8 | 0 | 0 | 40 | 134.0 | 67.0 |
| Max | 61668.69 | 0.156 | 2051 | 274 | 63 | 71 | 99 | 375.0 | 396.0 |
| Mn | 61630.53 | 0.020 | 1034 | 114 | 26 | 32 | 69 | 216.9 | 238.4 |

Statistics for Trav 84 FLT 32 Day 291

**********

Start Time 17:07:07 Start East 587366 Start Nrth 5420524
End Time 17:18:16 End East 609551 End Nrth 5420621

Elaps Time 00:11:09 Line Length = 22.185 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61608.65 | 0.000 | 110 | 7 | 2 | 0 | 38 | 120.0 | 75.0 |
| Max | 61656.45 | 0.225 | 2065 | 254 | 61 | 76 | 98 | 366.0 | 406.0 |
| Mn | 61629.60 | 0.024 | 1049 | 114 | 26 | 32 | 68 | 214.9 | 243.8 |

**********

Statistics for Trav 85 FLT 33 Day 292

**********

Start Time 09:29:35 Start East 587696 Start Nrth 5420379
End Time 09:41:14 End East 609491 End Nrth 5420428

Elaps Time 00:11:39 Line Length = 21.795 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61602.03 | 0.000 | 100 | 6 | 2 | 0 | 47 | 153.0 | 60.0 |
| Max | 61654.63 | 0.208 | 2026 | 240 | 63 | 79 | 97 | 392.0 | 424.0 |
| Mn | 61624.38 | 0.025 | 969 | 104 | 24 | 30 | 68 | 249.9 | 261.1 |

**********

Statistics for Trav 86 FLT 33 Day 292

**********

Start Time 09:42:40 Start East 587460 Start Nrth 5420170
End Time 09:53:29 End East 609481 End Nrth 5420223

Elaps Time 00:10:49 Line Length = 22.021 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61603.91 | 0.000 | 103 | 6 | 2 | 3 | 44 | 153.0 | 69.0 |
| Max | 61651.38 | 0.191 | 1976 | 247 | 60 | 73 | 101 | 442.0 | 439.7 |
| Mn | 61625.62 | 0.028 | 978 | 106 | 24 | 30 | 68 | 251.3 | 261.7 |

Statistics for Trav 87 FLT 33 Day 292

**********

Start Time 09:54:14 Start East 587696 Start Nrth 5419966
End Time 10:06:23 End East 609638 End Nrth 5420025

Elaps Time 00:12:09 Line Length = 21.942 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61605.62 | 0.000 | 93 | 6 | 0 | 0 | 46 | 143.0 | 69.0 |
| Max | 61655.71 | 0.237 | 1865 | 244 | 61 | 63 | 102 | 343.0 | 466.0 |
| Mn | 61628.57 | 0.027 | 986 | 110 | 24 | 29 | 68 | 234.5 | 257.7 |

**********

Statistics for Trav 88 FLT 33 Day 292

**********

Start Time 10:07:45 Start East 587475 Start Nrth 5419780
End Time 10:18:04 End East 609273 End Nrth 5419811

Elaps Time 00:10:19 Line Length = 21.798 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61607.10 | 0.000 | 104 | 6 | 1 | 0 | 41 | 151.0 | 69.0 |
| Max | 61657.51 | 0.206 | 1835 | 232 | 58 | 65 | 95 | 429.0 | 464.0 |
| Mn | 61628.78 | 0.030 | 967 | 106 | 24 | 29 | 69 | 258.0 | 270.8 |

**********

Statistics for Trav 89 FLT 33 Day 292

**********

Start Time 10:19:01 Start East 587631 Start Nrth 5419579
End Time 10:31:05 End East 609090 End Nrth 5419623

Elaps Time 00:12:04 Line Length = 21.459 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61608.12 | 0.000 | 99 | 6 | 1 | 0 | 41 | 132.0 | 70.2 |
| Max | 61661.33 | 0.305 | 1919 | 250 | 63 | 75 | 98 | 361.0 | 418.0 |
| Mn | 61630.24 | 0.029 | 1020 | 113 | 25 | 30 | 69 | 231.3 | 264.0 |

**********

Statistics for Trav 90 FLT 33 Day 292

**********

Start Time 10:31:59 Start East 587674 Start Nrth 5419357
End Time 10:41:48 End East 608999 End Nrth 5419424

Elaps Time 00:09:49 Line Length = 21.325 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61610.01 | 0.000 | 105 | 9 | 1 | 1 | 40 | 145.0 | 57.0 |
| Max | 61681.46 | 0.298 | 1907 | 244 | 54 | 77 | 95 | 404.0 | 449.0 |
| Mn | 61631.81 | 0.034 | 1039 | 116 | 25 | 32 | 69 | 232.4 | 266.2 |

**********

Statistics for Trav 91 FLT 33 Day 292

**********

Start Time 10:42:50 Start East 587364 Start Nrth 5419181
End Time 10:54:39 End East 608746 End Nrth 5419218

Elaps Time 00:11:49 Line Length = 21.382 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61610.38 | 0.000 | 96 | 8 | 2 | 1 | 43 | 117.0 | 58.4 |
| Max | 61677.05 | 0.285 | 1930 | 258 | 53 | 65 | 102 | 388.0 | 459.0 |
| Mn | 61635.20 | 0.034 | 1022 | 113 | 25 | 32 | 69 | 225.1 | 271.2 |

**********

Statistics for Trav 92 FLT 33 Day 292

**********

Start Time 10:55:49 Start East 587350 Start Nrth 5418963
End Time 11:04:58 End East 608861 End Nrth 5419022

Elaps Time 00:09:09 Line Length = 21.511 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61613.31 | 0.000 | 91 | 8 | 0 | 0 | 45 | 157.0 | 65.0 |
| Max | 61678.90 | 0.283 | 1748 | 210 | 54 | 72 | 94 | 372.0 | 478.0 |
| Mn | 61637.62 | 0.039 | 954 | 103 | 24 | 30 | 70 | 249.4 | 286.8 |

**********

Statistics for Trav 93 FLT 33 Day 292

**********

Start Time 11:11:38 Start East 587400 Start Nrth 5418773
End Time 11:24:42 End East 608685 End Nrth 5418830

Elaps Time 00:13:04 Line Length = 21.285 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61614.76 | 0.000 | 85 | 5 | 0 | 0 | 39 | 132.0 | 66.0 |
| Max | 61704.64 | 0.327 | 2096 | 260 | 56 | 75 | 105 | 317.0 | 447.0 |
| Mn | 61642.63 | 0.032 | 1011 | 111 | 24 | 32 | 69 | 206.8 | 275.3 |

**********

Statistics for Trav 94 FLT 33 Day 292

**********

Start Time 11:25:59 Start East 587621 Start Nrth 5418576
End Time 11:35:48 End East 608705 End Nrth 5418618

Elaps Time 00:09:49 Line Length = 21.084 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61618.23 | 0.000 | 82 | 2 | 0 | 0 | 45 | 131.0 | 70.0 |
| Max | 61680.14 | 0.275 | 2018 | 248 | 58 | 76 | 100 | 409.0 | 461.0 |
| Mn | 61645.92 | 0.036 | 976 | 106 | 24 | 30 | 70 | 230.2 | 284.0 |

**********

Statistics for Trav 95 FLT 33 Day 292

**********

Start Time 11:36:34 Start East 587106 Start Nrth 5418363
End Time 11:48:28 End East 608456 End Nrth 5418424

Elaps Time 00:11:54 Line Length = 21.350 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61518.30 | 0.000 | 74 | 7 | 0 | 0 | 41 | 138.0 | 65.0 |
| Max | 61697.42 | 0.220 | 1927 | 245 | 57 | 68 | 95 | 356.0 | 465.0 |
| Mn | 61646.77 | 0.030 | 984 | 108 | 24 | 31 | 70 | 216.2 | 285.0 |

**********
Statistics for Trav 96 FLT 33 Day 292
**********

Start Time 11:50:42 Start East 483263 Start Nrth 5415875
End Time 11:59:26 End East 585478 End Nrth 5418227

Elaps Time 00:08:44 Line Length = %102.242 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61624.96 | 0.000 | 330 | 24 | 5 | 7 | 55 | 124.0 | 430.0 |
| Max | 61775.42 | 5.665 | 1554 | 200 | 44 | 62 | 113 | 427.0 | 809.0 |
| Mn | 61683.96 | 0.038 | 856 | 93 | 21 | 27 | 81 | 229.1 | 677.4 |

**********
Statistics for Trav 96 FLT 33 Day 292
**********

Start Time 12:05:21 Start East 583640 Start Nrth 5418165
End Time 12:16:05 End East 608430 End Nrth 5418228

Elaps Time 00:10:44 Line Length = 24.790 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61630.23 | 0.000 | 93 | 4 | 1 | 1 | 45 | 159.0 | 67.0 |
| Max | 61714.62 | 0.464 | 2003 | 258 | 65 | 77 | 98 | 521.0 | 726.0 |
| Mn | 61652.91 | 0.039 | 902 | 98 | 22 | 29 | 70 | 247.9 | 338.5 |

**********
Statistics for Trav 96 FLT 67 Day 315
**********

Start Time 09:05:32 Start East 559561 Start Nrth 5418190
End Time 09:13:01 End East 575230 End Nrth 5418207

Elaps Time 00:07:29 Line Length = 15.669 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61612.16 | 0.000 | 308 | 16 | 3 | 5 | 49 | 156.0 | 449.0 |
| Max | 61718.10 | 0.414 | 1694 | 205 | 53 | 58 | 107 | 568.0 | 953.0 |
| Mn | 61678.36 | 0.019 | 691 | 69 | 19 | 22 | 75 | 273.0 | 759.6 |

**********

Statistics for Trav 97 FLT 34 Day 292

**********

Start Time 15:45:20 Start East 576005 Start Nrth 5417975
End Time 16:04:23 End East 608162 End Nrth 5418053

Elaps Time 00:19:03 Line Length = 32.157 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61621.55 | 0.000 | 86 | 8 | 1 | 0 | 45 | 130.0 | 55.0 |
| Max | 61757.67 | 0.344 | 2026 | 242 | 51 | 68 | 105 | 406.0 | 757.0 |
| Mn | 61660.23 | 0.038 | 901 | 98 | 21 | 30 | 72 | 228.2 | 417.6 |

**********

Statistics for Trav 97 FLT 45 Day 300

**********

Start Time 10:59:57 Start East 559062 Start Nrth 5417976
End Time 11:12:56 End East 585985 End Nrth 5418037

Elaps Time 00:12:59 Line Length = 26.923 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61569.47 | 0.000 | 272 | 19 | 2 | 2 | 43 | 135.0 | 0.0 |
| Max | 61794.12 | 0.189 | 1997 | 228 | 56 | 67 | 109 | 443.0 | 999.4 |
| Mn | 61670.71 | 0.028 | 755 | 79 | 19 | 25 | 75 | 244.4 | 706.2 |

**********

Statistics for Trav 98 FLT 34 Day 292

**********

Start Time 16:08:05 Start East 584709 Start Nrth 5417773
End Time 16:17:49 End East 608306 End Nrth 5417828

Elaps Time 00:09:44 Line Length = 23.597 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61624.28 | 0.000 | 75 | 7 | 1 | 0 | 43 | 167.0 | 65.0 |
| Max | 61723.49 | 0.634 | 1760 | 232 | 55 | 75 | 113 | 446.0 | 726.4 |
| Mn | 61653.02 | 0.045 | 839 | 90 | 20 | 27 | 70 | 268.0 | 324.3 |

**********

Statistics for Trav 98 FLT 45 Day 300

**********

Start Time 11:13:38 Start East 559568 Start Nrth 5417775
End Time 11:27:57 End East 586090 End Nrth 5417834

Elaps Time 00:14:19 Line Length = 26.522 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61580.02 | 0.000 | 263 | 16 | 2 | 3 | 49 | 125.0 | 0.4 |
| Max | 62107.20 | 0.217 | 1861 | 224 | 59 | 72 | 111 | 460.0 | 999.6 |
| Mn | 61683.55 | 0.024 | 736 | 78 | 18 | 24 | 75 | 239.8 | 675.7 |

**********

Statistics for Trav 99 FLT 34 Day 292

**********

Start Time 16:23:27 Start East 583396 Start Nrth 5417578
End Time 16:38:55 End East 608108 End Nrth 5417642

Elaps Time 00:15:28 Line Length = 24.712 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61629.54 | 0.000 | 88 | 9 | 0 | 1 | 38 | 128.0 | 55.0 |
| Max | 61763.66 | 0.362 | 1721 | 220 | 52 | 66 | 103 | 369.0 | 711.7 |
| Mn | 61657.72 | 0.037 | 899 | 98 | 21 | 29 | 70 | 219.1 | 335.3 |

**********

Statistics for Trav 99 FLT 46 Day 300

**********

Start Time 13:19:24 Start East 559447 Start Nrth 5417570
End Time 13:32:42 End East 585569 End Nrth 5417618

Elaps Time 00:13:18 Line Length = 26.122 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61569.58 | 0.000 | 281 | 21 | 2 | 2 | 46 | 119.0 | 0.2 |
| Max | 62172.07 | 0.217 | 1782 | 229 | 48 | 68 | 116 | 516.0 | 999.4 |
| Mn | 61686.28 | 0.026 | 741 | 79 | 18 | 24 | 75 | 227.7 | 658.4 |

# APPENDIX 7

## DATA STATISTICS

## Flight Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Fingal |
| Area: | 1 |
| Traverse Lines: | 100 - 198 |

Statistics for Trav 100 FLT 35 Day 294

**********

Start Time 09:08:12 Start East 574597 Start Nrth 5417370
End Time 09:25:30 End East 608021 End Nrth 5417434

Elaps Time 00:17:18 Line Length = 33.424 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61599.55 | 0.000 | 96 | 11 | 2 | 1 | 42 | 133.0 | 60.0 |
| Max | 61700.37 | 0.210 | 1840 | 206 | 55 | 70 | 106 | 523.0 | 757.0 |
| Mn | 61643.20 | 0.023 | 837 | 89 | 21 | 27 | 68 | 243.9 | 423.3 |

**********

Statistics for Trav 100 FLT 46 Day 300

**********

Start Time 13:33:19 Start East 559160 Start Nrth 5417363
End Time 13:40:53 End East 575934 End Nrth 5417423

Elaps Time 00:07:34 Line Length = 16.774 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61500.08 | 0.000 | 260 | 23 | 2 | 2 | 50 | 139.0 | 0.6 |
| Max | 62026.26 | 0.404 | 1834 | 227 | 54 | 69 | 111 | 380.0 | 999.0 |
| Mn | 61685.69 | 0.037 | 691 | 72 | 17 | 22 | 76 | 229.4 | 643.3 |

**********

Statistics for Trav 101 FLT 35 Day 294

**********

Start Time 09:26:39 Start East 574387 Start Nrth 5417165
End Time 09:42:18 End East 608235 End Nrth 5417228

Elaps Time 00:15:39 Line Length = 33.848 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61608.00 | 0.000 | 88 | 7 | 2 | 0 | 40 | 156.0 | 68.0 |
| Max | 61675.17 | 0.199 | 1755 | 212 | 48 | 70 | 103 | 597.0 | 763.0 |
| Mn | 61639.99 | 0.027 | 821 | 85 | 21 | 27 | 68 | 255.9 | 401.3 |

**********

Statistics for Trav 101 FLT 46 Day 300

**********

Start Time 13:41:22 Start East 559435 Start Nrth 5417167
End Time 13:49:31 End East 576243 End Nrth 5417217

Elaps Time 00:08:09 Line Length = 16.808 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61568.19 | 0.000 | 253 | 20 | 2 | 4 | 47 | 145.0 | 0.4 |
| Max | 62028.50 | 0.173 | 1704 | 212 | 51 | 67 | 107 | 726.0 | 999.0 |
| Mn | 61697.68 | 0.027 | 690 | 71 | 17 | 23 | 77 | 239.2 | 621.5 |

**********

Statistics for Trav 102 FLT 35 Day 294

**********

Start Time 09:49:15 Start East 574513 Start Nrth 5416984
End Time 10:08:39 End East 607997 End Nrth 5417020

Elaps Time 00:19:24 Line Length = 33.484 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61614.51 | 0.000 | 95 | 6 | 2 | 1 | 39 | 134.0 | 49.2 |
| Max | 61674.34 | 0.195 | 1478 | 189 | 55 | 67 | 107 | 476.0 | 743.0 |
| Mn | 61643.51 | 0.023 | 875 | 91 | 23 | 29 | 68 | 234.6 | 392.1 |

**********

Statistics for Trav 102 FLT 46 Day 300

**********

Start Time 13:50:05 Start East 559253 Start Nrth 5416973
End Time 13:57:54 End East 576154 End Nrth 5417018

Elaps Time 00:07:49 Line Length = 16.901 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61217.74 | 0.000 | 269 | 17 | 3 | 1 | 39 | 143.0 | 0.2 |
| Max | 61994.88 | 0.237 | 1604 | 192 | 49 | 58 | 123 | 388.0 | 999.0 |
| Mn | 61681.48 | 0.033 | 672 | 69 | 17 | 22 | 76 | 237.2 | 613.2 |

**********

Statistics for Trav 103 FLT 35 Day 294

**********

Start Time 10:09:36 Start East 574275 Start Nrth 5416772
End Time 10:26:20 End East 607953 End Nrth 5416827

Elaps Time 00:16:44 Line Length = 33.678 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61615.53 | 0.000 | 140 | 13 | 2 | 1 | 41 | 142.0 | 62.0 |
| Max | 61679.49 | 0.197 | 1623 | 225 | 65 | 67 | 107 | 493.0 | 753.0 |
| Mn | 61647.23 | 0.029 | 852 | 88 | 22 | 29 | 68 | 245.3 | 400.2 |

**********

Statistics for Trav 103 FLT 46 Day 300

**********

Start Time 13:58:30 Start East 559405 Start Nrth 5416770
End Time 14:06:59 End East 576011 End Nrth 5416819

Elaps Time 00:08:29 Line Length = 16.606 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61562.36 | 0.000 | 250 | 21 | 2 | 3 | 48 | 149.0 | 1.2 |
| Max | 61973.86 | 0.221 | 1244 | 148 | 38 | 49 | 121 | 710.0 | 999.8 |
| Mn | 61702.47 | 0.027 | 614 | 62 | 15 | 21 | 77 | 252.4 | 605.4 |

**********

Statistics for Trav 104 FLT 35 Day 294

**********

Start Time 10:27:07 Start East 574487 Start Nrth 5416573
End Time 10:45:56 End East 608100 End Nrth 5416616

Elaps Time 00:18:49 Line Length = 33.613 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61617.55 | 0.000 | 101 | 4 | 2 | 1 | 44 | 120.0 | 54.0 |
| Max | 61703.63 | 0.192 | 1850 | 186 | 60 | 80 | 102 | 385.0 | 743.0 |
| Mn | 61652.95 | 0.024 | 862 | 89 | 22 | 29 | 67 | 224.8 | 384.3 |

**********

Statistics for Trav 104 FLT 46 Day 300

**********

Start Time 14:07:31 Start East 559423 Start Nrth 5416568
End Time 14:15:25 End East 575640 End Nrth 5416623

Elaps Time 00:07:54 Line Length = 16.217 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61500.74 | 0.000 | 228 | 15 | 2 | 2 | 41 | 137.0 | 0.2 |
| Max | 62177.34 | 0.584 | 1512 | 182 | 48 | 57 | 116 | 588.0 | 998.6 |
| Mn | 61699.14 | 0.033 | 684 | 71 | 17 | 23 | 77 | 233.7 | 614.0 |

**********

Statistics for Trav 105 FLT 35 Day 294

**********

Start Time 10:46:47 Start East 574181 Start Nrth 5416370
End Time 10:48:51 End East 577455 End Nrth 5416419

Elaps Time 00:02:04 Line Length = 3.274 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61647.73 | 0.000 | 438 | 37 | 9 | 11 | 56 | 0.0 | 597.0 |
| Max | 61665.21 | 0.120 | 1336 | 167 | 38 | 51 | 106 | 2487.0 | 761.0 |
| Mn | 61660.55 | 0.024 | 917 | 98 | 22 | 31 | 76 | 166.6 | 699.4 |

**********

Statistics for Trav 105 FLT 35 Day 294

**********

Start Time 10:52:20 Start East 574204 Start Nrth 5416369
End Time 11:08:44 End East 608073 End Nrth 5416422

Elaps Time 00:16:24 Line Length = 33.869 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61620.46 | 0.000 | 123 | 9 | 2 | 1 | 40 | 136.0 | 70.0 |
| Max | 61695.31 | 0.238 | 1411 | 185 | 49 | 66 | 101 | 506.0 | 747.0 |
| Mn | 61655.29 | 0.029 | 833 | 85 | 21 | 28 | 67 | 237.0 | 384.6 |

**********

Statistics for Trav 105 FLT 46 Day 300

**********

Start Time 14:15:57 Start East 559513 Start Nrth 5416375
End Time 14:24:11 End East 575844 End Nrth 5416419

Elaps Time 00:08:14 Line Length = 16.331 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61505.83 | 0.000 | 243 | 9 | 2 | 3 | 46 | 123.0 | 0.4 |
| Max | 62138.10 | 0.145 | 1726 | 181 | 55 | 65 | 115 | 683.0 | 999.8 |
| Mn | 61705.00 | 0.026 | 707 | 74 | 17 | 23 | 78 | 237.3 | 613.6 |

**********

Statistics for Trav 106 FLT 35 Day 294

**********

Start Time 11:09:39 Start East 574304 Start Nrth 5416167
End Time 11:28:23 End East 607961 End Nrth 5416225

Elaps Time 00:18:44 Line Length = 33.657 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61624.04 | 0.000 | 129 | 9 | 3 | 1 | 37 | 118.0 | 66.0 |
| Max | 61732.51 | 0.200 | 1778 | 225 | 51 | 73 | 98 | 430.0 | 740.0 |
| Mn | 61662.90 | 0.022 | 878 | 90 | 22 | 30 | 67 | 214.4 | 374.5 |

**********

Statistics for Trav 106 FLT 46 Day 300

**********

Start Time 14:24:32 Start East 559587 Start Nrth 5416149
End Time 14:28:01 End East 567127 End Nrth 5416213

Elaps Time 00:03:29 Line Length = 7.540 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61528.74 | 0.000 | 258 | 24 | 2 | 2 | 53 | 155.0 | 0.0 |
| Max | 61965.70 | 0.251 | 1600 | 191 | 52 | 77 | 113 | 452.0 | 999.2 |
| Mn | 61721.09 | 0.031 | 700 | 74 | 17 | 22 | 81 | 234.1 | 587.5 |

**********

Statistics for Trav 106 FLT 47 Day 300

**********

Start Time 15:06:27 Start East 566157 Start Nrth 5416162
End Time 15:11:15 End East 576318 End Nrth 5416225

Elaps Time 00:04:48 Line Length = 10.161 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61447.70 | 0.000 | 298 | 24 | 3 | 5 | 45 | 134.0 | 426.0 |
| Max | 62090.78 | 0.247 | 1491 | 176 | 43 | 61 | 108 | 492.0 | 947.0 |
| Mn | 61699.09 | 0.034 | 705 | 74 | 17 | 23 | 74 | 243.7 | 674.3 |

**********

Statistics for Trav 107 FLT 35 Day 294

**********

Start Time 11:29:10 Start East 574392 Start Nrth 5415962
End Time 11:45:43 End East 607887 End Nrth 5416055

Elaps Time 00:16:33 Line Length = 33.495 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61627.36 | 0.000 | 143 | 9 | 2 | 1 | 38 | 131.0 | 69.0 |
| Max | 61733.68 | 0.318 | 1849 | 206 | 47 | 71 | 101 | 502.0 | 760.0 |
| Mn | 61664.05 | 0.026 | 857 | 88 | 21 | 29 | 67 | 226.1 | 374.6 |

**********

Statistics for Trav 107 FLT 44 Day 299

**********

Start Time 16:35:33 Start East 559546 Start Nrth 5415954
End Time 16:44:57 End East 576382 End Nrth 5416037

Elaps Time 00:09:24 Line Length = 16.836 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61486.39 | 0.000 | 270 | 21 | 3 | 2 | 49 | 110.0 | 0.0 |
| Max | 62182.66 | 0.152 | 1621 | 169 | 50 | 63 | 114 | 532.0 | 999.0 |
| Mn | 61712.70 | 0.023 | 720 | 76 | 17 | 24 | 77 | 212.6 | 618.9 |

**********

Statistics for Trav 108 FLT 35 Day 294

**********

Start Time 11:53:30 Start East 574544 Start Nrth 5415774
End Time 12:12:14 End East 608123 End Nrth 5415835

Elaps Time 00:18:44 Line Length = 33.579 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61629.00 | 0.000 | 102 | 6 | 1 | 1 | 42 | 119.0 | 54.0 |
| Max | 61741.08 | 0.186 | 2000 | 233 | 63 | 73 | 103 | 460.0 | 749.0 |
| Mn | 61670.87 | 0.021 | 868 | 90 | 21 | 30 | 68 | 216.4 | 381.0 |

**********

Statistics for Trav 108 FLT 44 Day 299

**********

Start Time 16:26:35 Start East 559214 Start Nrth 5415765
End Time 16:34:59 End East 576002 End Nrth 5415823

Elaps Time 00:08:24 Line Length = 16.788 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61445.05 | 0.000 | 287 | 23 | 3 | 1 | 43 | 104.0 | 0.2 |
| Max | 62073.98 | 0.165 | 1582 | 188 | 50 | 53 | 118 | 455.0 | 999.6 |
| Mn | 61702.05 | 0.027 | 733 | 77 | 18 | 24 | 76 | 203.0 | 628.4 |

**********

Statistics for Trav 109 FLT 36 Day 294

**********

Start Time 13:51:08 Start East 574500 Start Nrth 5415582
End Time 14:08:31 End East 607703 End Nrth 5415620

Elaps Time 00:17:23 Line Length = 33.203 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61635.89 | 0.000 | 100 | 7 | 1 | 1 | 42 | 146.0 | 62.0 |
| Max | 61733.76 | 0.161 | 1960 | 219 | 53 | 67 | 105 | 414.0 | 763.0 |
| Mn | 61676.30 | 0.022 | 819 | 86 | 20 | 28 | 67 | 236.1 | 390.0 |

Statistics for Trav 109 FLT 44 Day 299

**********

Start Time 16:16:58 Start East 559482 Start Nrth 5415564
End Time 16:25:52 End East 576207 End Nrth 5415628

Elaps Time 00:08:54 Line Length = 16.725 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61481.17 | 0.000 | 263 | 15 | 1 | 4 | 46 | 120.0 | 0.0 |
| Max | 62049.79 | 0.136 | 1369 | 167 | 37 | 53 | 114 | 449.0 | 999.0 |
| Mn | 61697.39 | 0.025 | 707 | 75 | 17 | 23 | 76 | 224.8 | 628.9 |

**********

Statistics for Trav 110 FLT 36 Day 294

**********

Start Time 14:09:22 Start East 574104 Start Nrth 5415360
End Time 14:25:50 End East 607882 End Nrth 5415440

Elaps Time 00:16:28 Line Length = 33.778 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61632.65 | 0.000 | 86 | 6 | 0 | 0 | 36 | 151.0 | 72.0 |
| Max | 61743.47 | 0.187 | 2380 | 253 | 60 | 90 | 103 | 473.0 | 758.0 |
| Mn | 61674.92 | 0.026 | 815 | 85 | 20 | 28 | 67 | 236.2 | 376.4 |

**********

Statistics for Trav 110 FLT 44 Day 299

**********

Start Time 16:08:30 Start East 559491 Start Nrth 5415362
End Time 16:16:24 End East 576010 End Nrth 5415434

Elaps Time 00:07:54 Line Length = 16.519 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61445.08 | 0.000 | 273 | 16 | 2 | 4 | 42 | 128.0 | 0.0 |
| Max | 61926.28 | 0.152 | 1343 | 150 | 44 | 50 | 107 | 591.0 | 998.2 |
| Mn | 61687.21 | 0.026 | 744 | 77 | 18 | 24 | 75 | 228.8 | 625.1 |

Statistics for Trav 111 FLT 36 Day 294

**********

Start Time 14:26:32 Start East 574565 Start Nrth 5415176
End Time 14:44:46 End East 607612 End Nrth 5415214

Elaps Time 00:18:14 Line Length = 33.047 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61634.12 | 0.000 | 82 | 7 | 1 | 0 | 32 | 146.0 | 67.4 |
| Max | 61787.96 | 0.191 | 1704 | 220 | 52 | 66 | 102 | 358.0 | 758.0 |
| Mn | 61679.07 | 0.022 | 849 | 90 | 20 | 29 | 67 | 230.3 | 372.7 |

**********

Statistics for Trav 111 FLT 44 Day 299

**********

Start Time 15:58:51 Start East 559505 Start Nrth 5415180
End Time 16:07:45 End East 576195 End Nrth 5415217

Elaps Time 00:08:54 Line Length = 16.690 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61507.65 | 0.000 | 268 | 24 | 2 | 3 | 50 | 123.0 | 0.6 |
| Max | 62041.62 | 0.120 | 1568 | 194 | 43 | 64 | 119 | 355.0 | 999.4 |
| Mn | 61692.21 | 0.023 | 795 | 86 | 19 | 27 | 76 | 210.8 | 653.8 |

**********

Statistics for Trav 112 FLT 36 Day 294

**********

Start Time 14:45:54 Start East 574206 Start Nrth 5414970
End Time 15:02:38 End East 607578 End Nrth 5415027

Elaps Time 00:16:44 Line Length = 33.372 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61636.40 | 0.000 | 89 | 7 | 1 | 0 | 40 | 137.0 | 62.0 |
| Max | 61761.83 | 0.170 | 1512 | 171 | 60 | 65 | 99 | 383.0 | 758.0 |
| Mn | 61678.27 | 0.025 | 823 | 87 | 20 | 28 | 67 | 242.0 | 374.2 |

Statistics for Trav 112 FLT 44 Day 299

**********

Start Time 15:49:57 Start East 559373 Start Nrth 5414967
End Time 15:58:11 End East 575786 End Nrth 5415020

Elaps Time 00:08:14 Line Length = 16.413 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61463.89 | 0.000 | 307 | 25 | 2 | 4 | 47 | 131.0 | 384.0 |
| Max | 61746.59 | 0.141 | 1821 | 226 | 44 | 64 | 107 | 536.0 | 973.0 |
| Mn | 61687.01 | 0.025 | 825 | 89 | 19 | 27 | 75 | 226.5 | 670.1 |

**********

Statistics for Trav 113 FLT 36 Day 294

**********

Start Time 15:03:12 Start East 574489 Start Nrth 5414770
End Time 15:21:31 End East 607611 End Nrth 5414818

Elaps Time 00:18:19 Line Length = 33.122 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61636.25 | 0.000 | 94 | 7 | 0 | 1 | 41 | 121.0 | 61.0 |
| Max | 61752.49 | 0.180 | 2177 | 226 | 60 | 79 | 104 | 401.0 | 732.0 |
| Mn | 61678.83 | 0.022 | 854 | 89 | 21 | 29 | 67 | 224.1 | 361.6 |

**********

Statistics for Trav 113 FLT 44 Day 299

**********

Start Time 15:40:32 Start East 559528 Start Nrth 5414785
End Time 15:49:16 End East 575897 End Nrth 5414817

Elaps Time 00:08:44 Line Length = 16.369 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61608.67 | 0.000 | 307 | 26 | 6 | 7 | 47 | 134.0 | 399.0 |
| Max | 61726.55 | 0.128 | 1393 | 168 | 45 | 67 | 105 | 371.0 | 931.0 |
| Mn | 61696.82 | 0.023 | 875 | 95 | 20 | 30 | 75 | 220.3 | 666.2 |

Statistics for Trav 114 FLT 36 Day 294

**********

Start Time 15:22:20 Start East 574248 Start Nrth 5414460
End Time 15:39:19 End East 607324 End Nrth 5414626

Elaps Time 00:16:59 Line Length = 33.076 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61633.37 | 0.000 | 102 | 12 | 1 | 0 | 36 | 129.0 | 67.0 |
| Max | 61750.75 | 0.208 | 2269 | 262 | 61 | 85 | 96 | 436.0 | 731.0 |
| Mn | 61677.79 | 0.024 | 877 | 91 | 21 | 30 | 67 | 226.3 | 345.6 |

**********

Statistics for Trav 114 FLT 44 Day 299

**********

Start Time 15:32:02 Start East 559587 Start Nrth 5414566
End Time 15:39:51 End East 575809 End Nrth 5414634

Elaps Time 00:07:49 Line Length = 16.222 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61673.27 | 0.000 | 610 | 52 | 6 | 10 | 47 | 148.0 | 382.0 |
| Max | 61723.96 | 0.182 | 1508 | 192 | 50 | 57 | 112 | 486.0 | 905.0 |
| Mn | 61699.75 | 0.025 | 871 | 93 | 20 | 29 | 74 | 233.1 | 642.6 |

**********

Statistics for Trav 115 FLT 36 Day 294

**********

Start Time 15:39:47 Start East 574353 Start Nrth 5414371
End Time 15:58:00 End East 607386 End Nrth 5414414

Elaps Time 00:18:13 Line Length = 33.033 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61636.86 | 0.000 | 93 | 8 | 1 | 0 | 42 | 137.0 | 63.0 |
| Max | 61790.61 | 0.130 | 1769 | 202 | 47 | 71 | 98 | 444.0 | 708.0 |
| Mn | 61681.50 | 0.021 | 873 | 91 | 21 | 30 | 66 | 218.6 | 342.4 |

**********
Statistics for Trav 115 FLT 44 Day 299
**********

Start Time 15:22:38 Start East 559465 Start Nrth 5414384
End Time 15:31:27 End East 576942 End Nrth 5414416

Elaps Time 00:08:49 Line Length = 17.477 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61681.03 | 0.000 | 333 | 24 | 7 | 4 | 48 | 109.0 | 387.0 |
| Max | 61731.50 | 0.139 | 1627 | 211 | 44 | 67 | 103 | 421.0 | 883.0 |
| Mn | 61703.91 | 0.025 | 872 | 94 | 20 | 29 | 74 | 226.6 | 634.5 |

**********
Statistics for Trav 116 FLT 36 Day 294
**********

Start Time 15:58:50 Start East 574241 Start Nrth 5414061
End Time 16:14:41 End East 606833 End Nrth 5414289

Elaps Time 00:15:51 Line Length = 32.593 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61636.03 | 0.000 | 251 | 18 | 3 | 3 | 34 | 113.0 | 76.8 |
| Max | 61736.41 | 1.250 | 1669 | 185 | 44 | 59 | 97 | 411.0 | 703.0 |
| Mn | 61683.11 | 0.025 | 840 | 86 | 21 | 29 | 67 | 229.3 | 360.6 |

**********
Statistics for Trav 116 FLT 44 Day 299
**********

Start Time 15:13:32 Start East 559541 Start Nrth 5414179
End Time 15:22:06 End East 576944 End Nrth 5414232

Elaps Time 00:08:34 Line Length = 17.403 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61681.38 | 0.000 | 334 | 20 | 6 | 8 | 44 | 142.0 | 381.0 |
| Max | 61736.16 | 0.197 | 1453 | 191 | 45 | 58 | 102 | 424.0 | 845.7 |
| Mn | 61705.57 | 0.027 | 833 | 88 | 19 | 28 | 73 | 233.8 | 616.8 |

**********

Statistics for Trav 117 FLT 36 Day 294

**********

Start Time 16:15:26 Start East 574549 Start Nrth 5413970
End Time 16:33:20 End East 607344 End Nrth 5414024

Elaps Time 00:17:54 Line Length = 32.795 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61635.33 | 0.000 | 90 | 8 | 1 | 1 | 36 | 137.0 | 57.0 |
| Max | 61737.73 | 0.120 | 2093 | 266 | 50 | 82 | 102 | 343.0 | 691.0 |
| Mn | 61683.28 | 0.023 | 873 | 91 | 21 | 30 | 66 | 213.8 | 343.9 |

**********

Statistics for Trav 117 FLT 44 Day 299

**********

Start Time 15:04:10 Start East 559483 Start Nrth 5413977
End Time 15:12:54 End East 575909 End Nrth 5414020

Elaps Time 00:08:44 Line Length = 16.426 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61685.56 | 0.000 | 570 | 43 | 7 | 12 | 46 | 100.0 | 377.0 |
| Max | 61741.36 | 0.163 | 1549 | 190 | 47 | 49 | 107 | 441.0 | 828.0 |
| Mn | 61711.57 | 0.024 | 843 | 88 | 20 | 29 | 73 | 225.9 | 601.7 |

**********

Statistics for Trav 118 FLT 36 Day 294

**********

Start Time 16:34:04 Start East 574249 Start Nrth 5413761
End Time 16:49:28 End East 607282 End Nrth 5413845

Elaps Time 00:15:24 Line Length = 33.033 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61635.10 | 0.000 | 89 | 8 | 0 | 1 | 41 | 148.0 | 61.0 |
| Max | 61742.92 | 0.206 | 1900 | 263 | 50 | 82 | 99 | 359.0 | 674.0 |
| Mn | 61683.36 | 0.025 | 837 | 86 | 21 | 28 | 67 | 233.7 | 352.3 |

**********
Statistics for Trav 118 FLT 44 Day 299
**********

Start Time 14:55:28 Start East 559609 Start Nrth 5413763
End Time 15:03:32 End East 575816 End Nrth 5413824

Elaps Time 00:08:04 Line Length = 16.207 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61686.74 | 0.000 | 585 | 47 | 9 | 12 | 47 | 117.0 | 393.0 |
| Max | 61743.62 | 0.154 | 1527 | 171 | 46 | 59 | 100 | 396.0 | 801.0 |
| Mn | 61710.25 | 0.024 | 829 | 87 | 20 | 28 | 72 | 230.9 | 578.9 |

**********
Statistics for Trav 119 FLT 37 Day 295
**********

Start Time 13:43:13 Start East 559600 Start Nrth 5413548
End Time 14:05:22 End East 606957 End Nrth 5413841

Elaps Time 00:22:09 Line Length = 47.358 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61629.75 | 0.000 | 92 | 4 | 0 | 1 | 39 | 148.0 | 62.0 |
| Max | 61756.58 | 0.355 | 1743 | 188 | 59 | 67 | 96 | 420.0 | 756.0 |
| Mn | 61691.98 | 0.023 | 816 | 83 | 21 | 28 | 68 | 247.5 | 428.1 |

**********
Statistics for Trav 120 FLT 37 Day 295
**********

Start Time 14:19:18 Start East 559280 Start Nrth 5413379
End Time 14:45:17 End East 606916 End Nrth 5413416

Elaps Time 00:25:59 Line Length = 47.636 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61630.70 | 0.000 | 117 | 8 | 2 | 2 | 42 | 131.0 | 64.0 |
| Max | 61773.82 | 0.294 | 1881 | 197 | 70 | 74 | 101 | 397.0 | 745.0 |
| Mn | 61690.09 | 0.026 | 863 | 88 | 22 | 29 | 68 | 223.4 | 414.9 |

**********

Statistics for Trav 121 FLT 37 Day 295

**********

Start Time 14:45:49 Start East 559675 Start Nrth 5413176
End Time 15:11:03 End East 606911 End Nrth 5413215

Elaps Time 00:25:14 Line Length = 47.236 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61604.33 | 0.000 | 95 | 7 | 2 | 1 | 41 | 120.0 | 60.0 |
| Max | 61843.52 | 0.266 | 1874 | 191 | 63 | 71 | 105 | 374.0 | 732.0 |
| Mn | 61691.09 | 0.022 | 876 | 90 | 22 | 30 | 68 | 216.9 | 408.3 |

**********

Statistics for Trav 122 FLT 37 Day 295

**********

Start Time 15:11:53 Start East 559522 Start Nrth 5412972
End Time 15:36:52 End East 606875 End Nrth 5413034

Elaps Time 00:24:59 Line Length = 47.353 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61633.29 | 0.000 | 107 | 8 | 2 | 2 | 40 | 118.0 | 66.0 |
| Max | 61804.96 | 0.248 | 1791 | 216 | 59 | 69 | 98 | 372.0 | 711.0 |
| Mn | 61692.73 | 0.027 | 890 | 92 | 23 | 30 | 68 | 217.6 | 399.8 |

**********

Statistics for Trav 123 FLT 37 Day 295

**********

Start Time 15:37:23 Start East 559639 Start Nrth 5412782
End Time 16:02:22 End East 606931 End Nrth 5412815

Elaps Time 00:24:59 Line Length = 47.292 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61638.24 | 0.000 | 101 | 8 | 1 | 0 | 41 | 125.0 | 60.0 |
| Max | 61775.54 | 0.132 | 1813 | 230 | 61 | 73 | 100 | 366.0 | 703.0 |
| Mn | 61694.48 | 0.021 | 875 | 90 | 22 | 30 | 68 | 221.4 | 402.0 |

**********

Statistics for Trav 124 FLT 37 Day 295

**********

Start Time 16:03:10 Start East 559468 Start Nrth 5412570
End Time 16:28:24 End East 606748 End Nrth 5412623

Elaps Time 00:25:14 Line Length = 47.280 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61638.88 | 0.000 | 120 | 11 | 0 | 0 | 40 | 127.0 | 65.0 |
| Max | 61770.39 | 0.214 | 1885 | 195 | 56 | 72 | 98 | 371.0 | 731.0 |
| Mn | 61694.66 | 0.025 | 884 | 91 | 23 | 30 | 67 | 227.1 | 400.1 |

**********

Statistics for Trav 125 FLT 37 Day 295

**********

Start Time 16:48:34 Start East 559475 Start Nrth 5412380
End Time 17:12:38 End East 606899 End Nrth 5412418

Elaps Time 00:24:04 Line Length = 47.424 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61642.61 | 0.000 | 96 | 7 | 1 | 0 | 41 | 132.0 | 55.0 |
| Max | 61788.79 | 0.217 | 1839 | 214 | 73 | 73 | 100 | 403.0 | 741.0 |
| Mn | 61700.13 | 0.021 | 873 | 88 | 22 | 30 | 67 | 230.3 | 393.8 |

**********

Statistics for Trav 126 FLT 37 Day 295

**********

Start Time 17:13:13 Start East 559307 Start Nrth 5412182
End Time 17:39:42 End East 606923 End Nrth 5412233

Elaps Time 00:26:29 Line Length = 47.616 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61655.59 | 0.000 | 93 | 7 | 0 | 0 | 39 | 112.0 | 68.0 |
| Max | 61794.66 | 0.156 | 1858 | 267 | 54 | 67 | 96 | 396.0 | 759.0 |
| Mn | 61705.63 | 0.023 | 885 | 91 | 23 | 30 | 67 | 223.4 | 391.8 |

**********
Statistics for Trav 127 FLT 44 Day 299
**********

Start Time 16:47:56 Start East 559116 Start Nrth 5411967
End Time 17:10:45 End East 606868 End Nrth 5412062

Elaps Time 00:22:49 Line Length = 47.752 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61649.14 | 0.000 | 93 | 8 | 0 | 0 | 40 | 118.0 | 56.0 |
| Max | 61793.36 | 0.160 | 1874 | 225 | 50 | 74 | 103 | 345.0 | 762.0 |
| Mn | 61704.90 | 0.025 | 902 | 94 | 22 | 31 | 67 | 212.7 | 370.9 |

**********
Statistics for Trav 128 FLT 45 Day 300
**********

Start Time 10:31:18 Start East 562537 Start Nrth 5411778
End Time 10:53:56 End East 606729 End Nrth 5411830

Elaps Time 00:22:38 Line Length = 44.192 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61646.00 | 0.000 | 113 | 10 | 1 | 2 | 40 | 125.0 | 62.6 |
| Max | 61994.28 | 0.150 | 1834 | 227 | 56 | 66 | 109 | 392.0 | 796.0 |
| Mn | 61696.30 | 0.023 | 829 | 85 | 21 | 29 | 66 | 239.6 | 377.0 |

**********
Statistics for Trav 129 FLT 47 Day 300
**********

Start Time 17:02:22 Start East 563385 Start Nrth 5411568
End Time 17:21:40 End East 606806 End Nrth 5411617

Elaps Time 00:19:18 Line Length = 43.421 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61668.55 | 0.000 | 81 | 7 | 1 | 0 | 38 | 130.0 | 61.0 |
| Max | 61802.88 | 0.286 | 1913 | 215 | 52 | 60 | 99 | 449.0 | 783.0 |
| Mn | 61726.75 | 0.032 | 817 | 83 | 20 | 29 | 67 | 239.6 | 358.4 |

**********

Statistics for Trav 130 FLT 48 Day 301

**********

Start Time 14:04:45 Start East 563341 Start Nrth 5411370
End Time 14:24:39 End East 606579 End Nrth 5411434

Elaps Time 00:19:54 Line Length = 43.238 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61642.80 | 0.000 | 93 | 5 | 0 | 0 | 33 | 160.0 | 59.2 |
| Max | 61776.01 | 0.230 | 1994 | 232 | 62 | 80 | 112 | 400.0 | 772.0 |
| Mn | 61696.20 | 0.031 | 842 | 85 | 22 | 29 | 69 | 251.4 | 363.1 |

**********

Statistics for Trav 131 FLT 48 Day 301

**********

Start Time 17:20:01 Start East 563008 Start Nrth 5411169
End Time 17:40:55 End East 606427 End Nrth 5411227

Elaps Time 00:20:54 Line Length = 43.419 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61650.42 | 0.000 | 100 | 8 | 2 | 1 | 41 | 138.0 | 51.0 |
| Max | 61782.74 | 1.400 | 1948 | 220 | 58 | 81 | 101 | 410.0 | 733.0 |
| Mn | 61705.98 | 0.032 | 914 | 93 | 24 | 31 | 68 | 222.4 | 346.4 |

**********

Statistics for Trav 132 FLT 49 Day 302

**********

Start Time 09:32:32 Start East 563625 Start Nrth 5410961
End Time 09:54:41 End East 606414 End Nrth 5411017

Elaps Time 00:22:09 Line Length = 42.789 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61650.00 | 0.000 | 86 | 8 | 0 | 0 | 43 | 119.0 | 61.0 |
| Max | 61779.21 | 0.229 | 1846 | 209 | 65 | 73 | 113 | 498.0 | 712.0 |
| Mn | 61703.83 | 0.028 | 859 | 88 | 21 | 30 | 68 | 223.8 | 343.6 |

**********

Statistics for Trav 133 FLT 49 Day 302

**********

Start Time 12:19:44 Start East 563230 Start Nrth 5410703
End Time 12:38:58 End East 606263 End Nrth 5410908

Elaps Time 00:19:14 Line Length = 43.033 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61636.14 | 0.000 | 93 | 8 | 0 | 1 | 41 | 116.0 | 62.0 |
| Max | 61770.32 | 0.317 | 2023 | 232 | 56 | 68 | 98 | 409.0 | 705.0 |
| Mn | 61688.29 | 0.034 | 840 | 88 | 21 | 29 | 67 | 231.0 | 337.5 |

**********

Statistics for Trav 134 FLT 50 Day 303

**********

Start Time 09:43:31 Start East 563612 Start Nrth 5410587
End Time 10:07:10 End East 606226 End Nrth 5410981

Elaps Time 00:23:39 Line Length = 42.616 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61660.40 | 0.000 | 110 | 14 | 2 | 1 | 34 | 141.0 | 65.0 |
| Max | 61787.62 | 0.139 | 1692 | 214 | 51 | 66 | 100 | 606.0 | 678.0 |
| Mn | 61708.18 | 0.019 | 796 | 80 | 21 | 27 | 65 | 266.2 | 341.7 |

**********

Statistics for Trav 135 FLT 51 Day 303

**********

Start Time 17:10:57 Start East 577130 Start Nrth 5410385
End Time 17:29:40 End East 606037 End Nrth 5410962

Elaps Time 00:18:43 Line Length = 28.913 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61652.94 | 0.000 | 133 | 11 | 2 | 2 | 38 | 146.0 | 55.0 |
| Max | 61741.58 | 0.195 | 1437 | 177 | 43 | 57 | 98 | 538.0 | 486.0 |
| Mn | 61688.44 | 0.024 | 788 | 81 | 20 | 27 | 63 | 244.1 | 271.2 |

**********
Statistics for Trav 136 FLT 52 Day 304
**********

Start Time 09:36:04 Start East 577368 Start Nrth 5410183
End Time 09:54:03 End East 606073 End Nrth 5410961

Elaps Time 00:17:59 Line Length = 28.716 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61655.13 | 0.000 | 94 | 10 | 0 | 1 | 32 | 147.0 | 65.0 |
| Max | 61729.25 | 0.124 | 1570 | 182 | 49 | 55 | 90 | 497.0 | 497.0 |
| Mn | 61688.86 | 0.018 | 770 | 78 | 20 | 26 | 62 | 251.7 | 253.1 |

**********
Statistics for Trav 137 FLT 53 Day 304
**********

Start Time 17:01:42 Start East 576728 Start Nrth 5409964
End Time 17:18:35 End East 606005 End Nrth 5410952

Elaps Time 00:16:53 Line Length = 29.294 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61652.59 | 0.000 | 79 | 8 | 1 | 1 | 41 | 154.0 | 61.0 |
| Max | 61729.69 | 0.187 | 1530 | 176 | 43 | 63 | 89 | 466.0 | 466.0 |
| Mn | 61686.22 | 0.026 | 761 | 78 | 19 | 27 | 61 | 243.3 | 244.8 |

**********
Statistics for Trav 138 FLT 54 Day 305
**********

Start Time 10:02:43 Start East 577432 Start Nrth 5409751
End Time 10:17:36 End East 604874 End Nrth 5409822

Elaps Time 00:14:53 Line Length = 27.442 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61652.06 | 0.000 | 298 | 22 | 5 | 7 | 32 | 168.0 | 76.0 |
| Max | 61721.77 | 0.132 | 1450 | 203 | 51 | 60 | 94 | 494.0 | 469.0 |
| Mn | 61684.53 | 0.020 | 868 | 90 | 22 | 30 | 63 | 252.5 | 264.9 |

**********
Statistics for Trav 149 FLT 39 Day 296
**********

Start Time 16:55:29 Start East 577314 Start Nrth 5407579
End Time 17:10:08 End East 605646 End Nrth 5407639

Elaps Time 00:14:39 Line Length = 28.332 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61684.75 | 0.000 | 153 | 16 | 4 | 2 | 42 | 139.0 | 62.0 |
| Max | 61785.31 | 0.218 | 1415 | 174 | 53 | 63 | 92 | 382.0 | 432.0 |
| Mn | 61712.20 | 0.028 | 872 | 88 | 22 | 30 | 64 | 225.1 | 263.3 |

**********
Statistics for Trav 150 FLT 39 Day 296
**********

Start Time 16:40:37 Start East 577190 Start Nrth 5407375
End Time 16:54:51 End East 605800 End Nrth 5407416

Elaps Time 00:14:14 Line Length = 28.610 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61680.76 | 0.000 | 101 | 10 | 1 | 1 | 35 | 142.0 | 59.0 |
| Max | 61756.24 | 0.128 | 1506 | 255 | 45 | 59 | 98 | 366.0 | 428.0 |
| Mn | 61710.16 | 0.022 | 860 | 88 | 21 | 30 | 63 | 229.2 | 264.5 |

**********
Statistics for Trav 151 FLT 39 Day 296
**********

Start Time 16:24:51 Start East 577574 Start Nrth 5407172
End Time 16:40:05 End East 605769 End Nrth 5407233

Elaps Time 00:15:14 Line Length = 28.195 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61678.42 | 0.000 | 102 | 7 | 0 | 2 | 43 | 128.0 | 70.0 |
| Max | 61771.26 | 0.160 | 1488 | 209 | 43 | 62 | 96 | 341.0 | 430.0 |
| Mn | 61706.24 | 0.028 | 876 | 89 | 22 | 30 | 64 | 221.3 | 267.8 |

**********
Statistics for Trav 152 FLT 39 Day 296
**********

Start Time 16:09:37 Start East 577675 Start Nrth 5406976
End Time 16:24:16 End East 605872 End Nrth 5407020

Elaps Time 00:14:39 Line Length = 28.197 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61673.39 | 0.000 | 77 | 6 | 1 | 1 | 38 | 125.0 | 63.0 |
| Max | 61754.88 | 0.132 | 1345 | 167 | 43 | 58 | 90 | 347.0 | 454.0 |
| Mn | 61704.87 | 0.021 | 835 | 85 | 21 | 29 | 63 | 228.9 | 271.9 |

**********
Statistics for Trav 153 FLT 39 Day 296
**********

Start Time 15:53:29 Start East 577302 Start Nrth 5406780
End Time 16:09:08 End East 605841 End Nrth 5406842

Elaps Time 00:15:39 Line Length = 28.539 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61672.60 | 0.000 | 102 | 12 | 0 | 1 | 39 | 123.0 | 58.0 |
| Max | 61766.48 | 0.308 | 1353 | 186 | 43 | 61 | 92 | 342.0 | 464.4 |
| Mn | 61703.44 | 0.029 | 851 | 88 | 21 | 30 | 64 | 219.8 | 274.7 |

**********
Statistics for Trav 154 FLT 39 Day 296
**********

Start Time 15:38:23 Start East 577565 Start Nrth 5406580
End Time 15:52:52 End East 605944 End Nrth 5406616

Elaps Time 00:14:29 Line Length = 28.379 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61677.28 | 0.000 | 84 | 7 | 1 | 1 | 39 | 143.0 | 63.0 |
| Max | 61758.89 | 0.137 | 1281 | 171 | 40 | 56 | 97 | 331.0 | 428.0 |
| Mn | 61705.45 | 0.022 | 839 | 86 | 21 | 29 | 64 | 228.0 | 277.6 |

**********

Statistics for Trav 155 FLT 39 Day 296

**********

Start Time 15:23:07 Start East 577234 Start Nrth 5406376
End Time 15:37:51 End East 605746 End Nrth 5406425

Elaps Time 00:14:44 Line Length = 28.512 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61676.98 | 0.000 | 103 | 9 | 1 | 1 | 42 | 145.0 | 60.0 |
| Max | 61758.22 | 0.245 | 1398 | 172 | 43 | 58 | 100 | 369.0 | 543.4 |
| Mn | 61705.96 | 0.029 | 819 | 84 | 20 | 28 | 64 | 227.3 | 287.4 |

**********

Statistics for Trav 156 FLT 39 Day 296

**********

Start Time 15:07:59 Start East 577498 Start Nrth 5406165
End Time 15:22:28 End East 605899 End Nrth 5406217

Elaps Time 00:14:29 Line Length = 28.401 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61677.58 | 0.000 | 73 | 7 | 1 | 0 | 32 | 141.0 | 60.0 |
| Max | 61767.34 | 0.126 | 1357 | 161 | 41 | 60 | 90 | 360.0 | 468.0 |
| Mn | 61706.64 | 0.021 | 821 | 84 | 20 | 29 | 64 | 229.5 | 282.8 |

**********

Statistics for Trav 157 FLT 39 Day 296

**********

Start Time 14:52:03 Start East 577113 Start Nrth 5405975
End Time 15:07:27 End East 605858 End Nrth 5406019

Elaps Time 00:15:24 Line Length = 28.745 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61677.05 | 0.000 | 90 | 8 | 0 | 1 | 41 | 151.0 | 67.0 |
| Max | 61768.17 | 0.221 | 1454 | 157 | 40 | 60 | 101 | 367.0 | 572.6 |
| Mn | 61706.80 | 0.029 | 798 | 81 | 20 | 28 | 64 | 224.7 | 294.5 |

Statistics for Trav 158 FLT 39 Day 296

**********

Start Time 14:35:54 Start East 577602 Start Nrth 5405776
End Time 14:51:18 End East 605993 End Nrth 5405814

Elaps Time 00:15:24 Line Length = 28.391 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61676.13 | 0.000 | 80 | 7 | 1 | 1 | 38 | 135.0 | 60.0 |
| Max | 61800.08 | 0.117 | 1456 | 173 | 40 | 56 | 90 | 371.0 | 564.0 |
| Mn | 61707.12 | 0.020 | 796 | 81 | 20 | 28 | 63 | 227.1 | 285.5 |

**********

Statistics for Trav 159 FLT 39 Day 296

**********

Start Time 14:19:42 Start East 577224 Start Nrth 5405581
End Time 14:35:11 End East 605733 End Nrth 5405618

Elaps Time 00:15:29 Line Length = 28.509 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61675.39 | 0.000 | 141 | 8 | 1 | 1 | 35 | 129.0 | 60.0 |
| Max | 61787.17 | 0.199 | 1260 | 184 | 42 | 61 | 92 | 365.0 | 536.6 |
| Mn | 61705.52 | 0.030 | 812 | 83 | 20 | 28 | 64 | 222.0 | 290.8 |

**********

Statistics for Trav 160 FLT 39 Day 296

**********

Start Time 14:05:01 Start East 577597 Start Nrth 5405361
End Time 14:18:54 End East 605973 End Nrth 5405422

Elaps Time 00:13:53 Line Length = 28.376 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61675.88 | 0.000 | 72 | 6 | 1 | 1 | 37 | 154.0 | 64.2 |
| Max | 61792.60 | 0.863 | 1368 | 155 | 42 | 58 | 100 | 376.0 | 542.0 |
| Mn | 61705.35 | 0.023 | 792 | 81 | 20 | 28 | 64 | 240.1 | 291.8 |

Statistics for Trav 161 FLT 38 Day 296

**********

Start Time 12:10:35 Start East 577311 Start Nrth 5405176
End Time 12:24:39 End East 605949 End Nrth 5405218

Elaps Time 00:14:04 Line Length = 28.638 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61676.16 | 0.000 | 124 | 10 | 2 | 0 | 41 | 141.0 | 63.0 |
| Max | 61756.29 | 0.200 | 1367 | 166 | 48 | 65 | 91 | 399.0 | 559.8 |
| Mn | 61705.13 | 0.029 | 837 | 85 | 21 | 28 | 64 | 230.4 | 289.3 |

**********

Statistics for Trav 162 FLT 38 Day 296

**********

Start Time 11:56:00 Start East 577480 Start Nrth 5404977
End Time 12:09:59 End East 606216 End Nrth 5405021

Elaps Time 00:13:59 Line Length = 28.736 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61674.55 | 0.000 | 86 | 11 | 1 | 0 | 36 | 120.0 | 65.0 |
| Max | 61821.34 | 0.173 | 1376 | 169 | 50 | 66 | 95 | 479.0 | 551.0 |
| Mn | 61704.72 | 0.021 | 818 | 83 | 21 | 28 | 64 | 235.5 | 293.8 |

**********

Statistics for Trav 163 FLT 38 Day 296

**********

Start Time 11:40:18 Start East 577238 Start Nrth 5404776
End Time 11:55:27 End East 606159 End Nrth 5404824

Elaps Time 00:15:09 Line Length = 28.921 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61675.17 | 0.000 | 90 | 9 | 1 | 1 | 41 | 136.0 | 57.0 |
| Max | 61804.09 | 0.221 | 1455 | 183 | 49 | 61 | 91 | 425.0 | 547.8 |
| Mn | 61707.48 | 0.027 | 823 | 84 | 21 | 28 | 64 | 230.3 | 291.5 |

**********

Statistics for Trav 164 FLT 38 Day 296

**********

Start Time 11:24:50 Start East 577632 Start Nrth 5404580
End Time 11:39:24 End East 606471 End Nrth 5404614

Elaps Time 00:14:34 Line Length = 28.839 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61618.19 | 0.000 | 92 | 7 | 2 | 2 | 39 | 130.0 | 70.0 |
| Max | 61786.56 | 0.118 | 1323 | 161 | 46 | 61 | 92 | 415.0 | 547.0 |
| Mn | 61709.55 | 0.021 | 813 | 83 | 21 | 27 | 64 | 235.5 | 296.5 |

**********

Statistics for Trav 165 FLT 38 Day 296

**********

Start Time 11:08:54 Start East 577426 Start Nrth 5404379
End Time 11:24:13 End East 606498 End Nrth 5404425

Elaps Time 00:15:19 Line Length = 29.072 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61488.55 | 0.000 | 219 | 16 | 1 | 4 | 41 | 151.0 | 65.0 |
| Max | 61764.93 | 0.195 | 1387 | 154 | 50 | 66 | 99 | 425.0 | 526.8 |
| Mn | 61708.62 | 0.025 | 798 | 81 | 21 | 27 | 64 | 236.0 | 298.1 |

**********

Statistics for Trav 166 FLT 38 Day 296

**********

Start Time 10:53:29 Start East 577645 Start Nrth 5404165
End Time 11:08:18 End East 605787 End Nrth 5404213

Elaps Time 00:14:49 Line Length = 28.142 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61607.46 | 0.000 | 352 | 14 | 6 | 5 | 42 | 138.0 | 56.0 |
| Max | 61754.65 | 0.143 | 1288 | 167 | 44 | 56 | 95 | 421.0 | 494.0 |
| Mn | 61710.53 | 0.021 | 798 | 82 | 21 | 26 | 64 | 234.0 | 296.5 |

**********
Statistics for Trav 167 FLT 38 Day 296
**********

Start Time 10:37:42 Start East 577441 Start Nrth 5403974
End Time 10:52:36 End East 605674 End Nrth 5404020

Elaps Time 00:14:54 Line Length = 28.233 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61619.97 | 0.000 | 348 | 17 | 6 | 6 | 34 | 130.0 | 68.0 |
| Max | 61790.47 | 0.185 | 1335 | 169 | 45 | 59 | 94 | 428.0 | 521.4 |
| Mn | 61710.08 | 0.026 | 784 | 80 | 21 | 25 | 64 | 234.8 | 312.2 |

**********
Statistics for Trav 168 FLT 38 Day 296
**********

Start Time 10:12:14 Start East 577592 Start Nrth 5403673
End Time 10:27:48 End East 606692 End Nrth 5403817

Elaps Time 00:15:34 Line Length = 29.100 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61628.85 | 0.000 | 110 | 9 | 0 | 1 | 37 | 156.0 | 60.0 |
| Max | 61777.95 | 0.135 | 1323 | 179 | 48 | 57 | 93 | 397.0 | 532.0 |
| Mn | 61707.34 | 0.019 | 736 | 77 | 20 | 23 | 64 | 232.7 | 309.4 |

**********
Statistics for Trav 169 FLT 38 Day 296
**********

Start Time 09:56:43 Start East 577258 Start Nrth 5403579
End Time 10:11:37 End East 606698 End Nrth 5403617

Elaps Time 00:14:54 Line Length = 29.440 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61560.38 | 0.000 | 120 | 11 | 2 | 1 | 39 | 137.0 | 62.0 |
| Max | 61923.68 | 0.310 | 1457 | 185 | 44 | 60 | 91 | 390.0 | 504.4 |
| Mn | 61705.74 | 0.025 | 734 | 75 | 21 | 23 | 64 | 234.3 | 312.7 |

**********

Statistics for Trav 170 FLT 38 Day 296

**********

Start Time 09:40:36 Start East 577542 Start Nrth 5403372
End Time 09:56:00 End East 606788 End Nrth 5403414

Elaps Time 00:15:24 Line Length = 29.246 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61623.23 | 0.000 | 109 | 7 | 1 | 2 | 35 | 137.0 | 63.0 |
| Max | 62004.59 | 1.363 | 1508 | 191 | 54 | 65 | 87 | 372.0 | 512.0 |
| Mn | 61706.38 | 0.023 | 761 | 78 | 21 | 24 | 64 | 221.0 | 320.3 |

**********

Statistics for Trav 171 FLT 38 Day 296

**********

Start Time 09:25:24 Start East 577068 Start Nrth 5403183
End Time 09:39:48 End East 606804 End Nrth 5403212

Elaps Time 00:14:24 Line Length = 29.736 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61605.31 | 0.000 | 105 | 11 | 2 | 0 | 40 | 146.0 | 66.0 |
| Max | 61974.90 | 0.204 | 1388 | 166 | 55 | 64 | 91 | 378.0 | 554.0 |
| Mn | 61706.27 | 0.023 | 748 | 78 | 21 | 23 | 64 | 235.1 | 332.0 |

**********

Statistics for Trav 172 FLT 38 Day 296

**********

Start Time 09:10:40 Start East 577641 Start Nrth 5402960
End Time 09:24:29 End East 606912 End Nrth 5403030

Elaps Time 00:13:49 Line Length = 29.271 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61553.94 | 0.000 | 86 | 10 | 1 | 1 | 39 | 149.0 | 62.0 |
| Max | 62111.59 | 0.117 | 1332 | 167 | 44 | 50 | 93 | 435.0 | 564.0 |
| Mn | 61717.97 | 0.019 | 731 | 76 | 20 | 22 | 65 | 232.9 | 339.6 |

**********

Statistics for Trav 172 FLT 56 Day 307

**********

Start Time 09:04:57 Start East 577647 Start Nrth 5402990
End Time 09:15:11 End East 598757 End Nrth 5403010

Elaps Time 00:10:14 Line Length = 21.110 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61567.39 | 0.000 | 292 | 14 | 4 | 4 | 41 | 150.0 | 310.0 |
| Max | 62070.20 | 0.120 | 1293 | 153 | 40 | 53 | 106 | 444.0 | 568.0 |
| Mn | 61717.00 | 0.022 | 655 | 65 | 19 | 21 | 69 | 240.7 | 401.4 |

**********

Statistics for Trav 173 FLT 44 Day 299

**********

Start Time 14:41:32 Start East 577571 Start Nrth 5402778
End Time 14:45:11 End East 584567 End Nrth 5402814

Elaps Time 00:03:39 Line Length = 6.996 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61729.17 | 0.000 | 431 | 30 | 8 | 11 | 47 | 122.0 | 313.0 |
| Max | 61773.52 | 0.096 | 1289 | 150 | 39 | 55 | 94 | 292.0 | 548.0 |
| Mn | 61735.88 | 0.024 | 803 | 80 | 20 | 29 | 67 | 227.1 | 372.9 |

**********

Statistics for Trav 174 FLT 44 Day 299

**********

Start Time 13:51:59 Start East 577621 Start Nrth 5402579
End Time 13:55:07 End East 584603 End Nrth 5402611

Elaps Time 00:03:08 Line Length = 6.982 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61725.83 | 0.000 | 450 | 30 | 8 | 10 | 48 | 173.0 | 307.0 |
| Max | 61781.72 | 0.595 | 1474 | 187 | 39 | 62 | 90 | 313.0 | 548.0 |
| Mn | 61734.97 | 0.036 | 815 | 82 | 20 | 29 | 66 | 222.9 | 386.7 |

Statistics for Trav 175 FLT 44 Day 299

**********

Start Time 13:55:42 Start East 577321 Start Nrth 5402371
End Time 13:58:56 End East 584465 End Nrth 5402414

Elaps Time 00:03:14 Line Length = 7.144 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61720.89 | 0.000 | 401 | 22 | 7 | 8 | 45 | 148.0 | 314.0 |
| Max | 61770.73 | 0.208 | 1641 | 202 | 44 | 80 | 86 | 316.0 | 563.0 |
| Mn | 61734.12 | 0.035 | 790 | 81 | 19 | 29 | 67 | 226.0 | 393.7 |

**********

Statistics for Trav 176 FLT 44 Day 299

**********

Start Time 13:59:16 Start East 577509 Start Nrth 5402176
End Time 14:03:05 End East 584520 End Nrth 5402216

Elaps Time 00:03:49 Line Length = 7.011 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61727.08 | 0.000 | 399 | 26 | 8 | 11 | 40 | 158.0 | 307.0 |
| Max | 61760.53 | 0.132 | 1455 | 182 | 49 | 66 | 98 | 317.0 | 571.0 |
| Mn | 61734.82 | 0.027 | 816 | 83 | 20 | 29 | 67 | 226.5 | 406.4 |

**********

Statistics for Trav 177 FLT 44 Day 299

**********

Start Time 14:03:28 Start East 577567 Start Nrth 5401960
End Time 14:06:52 End East 584487 End Nrth 5402012

Elaps Time 00:03:24 Line Length = 6.920 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61721.64 | 0.000 | 465 | 24 | 10 | 13 | 46 | 158.0 | 316.0 |
| Max | 61768.94 | 0.184 | 1356 | 169 | 40 | 57 | 97 | 330.0 | 560.0 |
| Mn | 61733.93 | 0.033 | 845 | 85 | 21 | 31 | 68 | 246.6 | 408.5 |

**********

Statistics for Trav 178 FLT 44 Day 299

**********

Start Time 14:07:14 Start East 577418 Start Nrth 5401768
End Time 14:11:33 End East 584490 End Nrth 5401809

Elaps Time 00:04:19 Line Length = 7.072 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61722.79 | 0.000 | 445 | 29 | 8 | 16 | 41 | 111.0 | 305.0 |
| Max | 61789.14 | 0.199 | 1438 | 181 | 43 | 64 | 96 | 284.0 | 542.0 |
| Mn | 61737.96 | 0.024 | 848 | 87 | 21 | 31 | 67 | 224.2 | 416.0 |

**********

Statistics for Trav 179 FLT 44 Day 299

**********

Start Time 14:12:06 Start East 577436 Start Nrth 5401582
End Time 14:15:30 End East 584379 End Nrth 5401612

Elaps Time 00:03:24 Line Length = 6.943 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61712.35 | 0.000 | 511 | 32 | 9 | 11 | 41 | 166.0 | 309.0 |
| Max | 61784.73 | 0.132 | 1232 | 148 | 36 | 52 | 89 | 305.0 | 530.0 |
| Mn | 61738.07 | 0.030 | 822 | 82 | 20 | 29 | 69 | 230.2 | 413.5 |

**********

Statistics for Trav 180 FLT 44 Day 299

**********

Start Time 14:15:57 Start East 577478 Start Nrth 5401378
End Time 14:19:46 End East 584495 End Nrth 5401417

Elaps Time 00:03:49 Line Length = 7.017 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61724.06 | 0.000 | 477 | 23 | 10 | 16 | 48 | 153.0 | 310.0 |
| Max | 61773.61 | 0.128 | 1265 | 160 | 40 | 63 | 95 | 319.0 | 531.0 |
| Mn | 61738.84 | 0.024 | 832 | 83 | 21 | 30 | 67 | 229.6 | 407.6 |

**********
Statistics for Trav 181 FLT 44 Day 299
**********

Start Time 14:20:08 Start East 577536 Start Nrth 5401178
End Time 14:23:32 End East 584575 End Nrth 5401206

Elaps Time 00:03:24 Line Length = 7.039 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61721.26 | 0.000 | 476 | 29 | 10 | 12 | 47 | 185.0 | 313.0 |
| Max | 61773.28 | 0.152 | 1170 | 148 | 38 | 60 | 91 | 303.0 | 531.0 |
| Mn | 61738.16 | 0.029 | 833 | 83 | 21 | 30 | 68 | 238.7 | 399.7 |

**********
Statistics for Trav 182 FLT 44 Day 299
**********

Start Time 14:23:55 Start East 577504 Start Nrth 5400982
End Time 14:27:34 End East 584554 End Nrth 5401012

Elaps Time 00:03:39 Line Length = 7.050 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61728.16 | 0.000 | 556 | 38 | 10 | 13 | 43 | 173.0 | 309.0 |
| Max | 61767.29 | 0.251 | 1188 | 146 | 36 | 50 | 97 | 349.0 | 520.0 |
| Mn | 61740.30 | 0.026 | 847 | 85 | 21 | 31 | 68 | 233.7 | 396.4 |

**********
Statistics for Trav 183 FLT 44 Day 299
**********

Start Time 14:28:00 Start East 577470 Start Nrth 5400778
End Time 14:31:24 End East 584502 End Nrth 5400814

Elaps Time 00:03:24 Line Length = 7.032 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61734.82 | 0.000 | 461 | 30 | 10 | 14 | 47 | 159.2 | 305.0 |
| Max | 61767.98 | 0.230 | 1179 | 152 | 43 | 51 | 91 | 310.0 | 505.0 |
| Mn | 61740.47 | 0.030 | 833 | 83 | 21 | 31 | 67 | 236.0 | 392.9 |

Statistics for Trav 184 FLT 44 Day 299

**********

Start Time 14:31:52 Start East 577516 Start Nrth 5400575
End Time 14:35:31 End East 584475 End Nrth 5400609

Elaps Time 00:03:39 Line Length = 6.959 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61735.32 | 0.000 | 388 | 27 | 6 | 11 | 44 | 170.0 | 312.0 |
| Max | 61782.49 | 0.145 | 1246 | 162 | 38 | 53 | 101 | 296.0 | 483.7 |
| Mn | 61743.03 | 0.022 | 871 | 87 | 22 | 32 | 67 | 228.9 | 381.0 |

**********

Statistics for Trav 185 FLT 44 Day 299

**********

Start Time 14:36:11 Start East 577540 Start Nrth 5400383
End Time 14:39:27 End East 584488 End Nrth 5400415

Elaps Time 00:03:16 Line Length = 6.948 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61738.34 | 0.000 | 403 | 24 | 9 | 11 | 44 | 176.0 | 310.0 |
| Max | 61772.24 | 0.210 | 1268 | 149 | 41 | 61 | 90 | 305.0 | 471.0 |
| Mn | 61742.98 | 0.029 | 878 | 89 | 22 | 32 | 67 | 235.8 | 369.7 |

**********

Statistics for Trav 186 FLT 54 Day 305

**********

Start Time 11:37:50 Start East 577400 Start Nrth 5400189
End Time 11:41:24 End East 584507 End Nrth 5400208

Elaps Time 00:03:34 Line Length = 7.107 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61734.89 | 0.000 | 459 | 19 | 10 | 12 | 47 | 173.0 | 316.0 |
| Max | 61771.15 | 0.125 | 1238 | 159 | 38 | 56 | 97 | 347.0 | 476.0 |
| Mn | 61743.73 | 0.025 | 885 | 86 | 23 | 32 | 67 | 238.7 | 382.3 |

**********

Statistics for Trav 187 FLT 54 Day 305

**********

Start Time 11:42:00 Start East 577665 Start Nrth 5399953
End Time 11:45:49 End East 584807 End Nrth 5400007

Elaps Time 00:03:49 Line Length = 7.142 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61739.96 | 0.000 | 426 | 24 | 11 | 12 | 44 | 167.0 | 306.1 |
| Max | 61768.01 | 0.090 | 1330 | 167 | 45 | 56 | 91 | 364.0 | 541.0 |
| Mn | 61746.12 | 0.020 | 863 | 86 | 23 | 31 | 67 | 243.6 | 389.5 |

**********

Statistics for Trav 188 FLT 54 Day 305

**********

Start Time 11:46:30 Start East 577315 Start Nrth 5399786
End Time 11:49:49 End East 584331 End Nrth 5399801

Elaps Time 00:03:19 Line Length = 7.016 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61739.21 | 0.000 | 479 | 30 | 9 | 14 | 44 | 152.0 | 310.0 |
| Max | 61762.73 | 0.138 | 1333 | 161 | 45 | 51 | 89 | 358.0 | 536.0 |
| Mn | 61746.58 | 0.026 | 864 | 84 | 23 | 31 | 66 | 239.3 | 402.4 |

**********

Statistics for Trav 189 FLT 54 Day 305

**********

Start Time 11:50:30 Start East 577672 Start Nrth 5399589
End Time 11:53:59 End East 584736 End Nrth 5399609

Elaps Time 00:03:29 Line Length = 7.064 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61740.83 | 0.000 | 499 | 29 | 10 | 9 | 47 | 146.0 | 310.9 |
| Max | 61773.13 | 0.094 | 1248 | 150 | 50 | 52 | 94 | 304.0 | 541.0 |
| Mn | 61748.59 | 0.021 | 891 | 89 | 23 | 33 | 66 | 234.7 | 385.4 |

**********

Statistics for Trav 190 FLT 54 Day 305

**********

Start Time 11:54:34 Start East 577323 Start Nrth 5399387
End Time 11:57:58 End East 584388 End Nrth 5399405

Elaps Time 00:03:24 Line Length = 7.065 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61724.33 | 0.000 | 634 | 40 | 11 | 16 | 49 | 176.0 | 312.0 |
| Max | 61782.83 | 0.120 | 1229 | 163 | 43 | 54 | 95 | 327.0 | 550.8 |
| Mn | 61749.71 | 0.027 | 960 | 98 | 24 | 35 | 67 | 241.0 | 396.3 |

**********

Statistics for Trav 191 FLT 54 Day 305

**********

Start Time 11:58:41 Start East 577643 Start Nrth 5399193
End Time 12:02:05 End East 584516 End Nrth 5399217

Elaps Time 00:03:24 Line Length = 6.873 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61740.36 | 0.000 | 660 | 58 | 11 | 21 | 47 | 176.0 | 308.0 |
| Max | 61792.11 | 0.085 | 1324 | 160 | 45 | 60 | 91 | 305.0 | 545.0 |
| Mn | 61751.48 | 0.020 | 1044 | 108 | 27 | 39 | 67 | 232.5 | 389.6 |

**********

Statistics for Trav 192 FLT 54 Day 305

**********

Start Time 12:02:44 Start East 577591 Start Nrth 5398986
End Time 12:06:03 End East 584380 End Nrth 5399003

Elaps Time 00:03:19 Line Length = 6.789 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61741.18 | 0.000 | 576 | 30 | 12 | 20 | 47 | 184.0 | 309.0 |
| Max | 61775.17 | 0.112 | 1250 | 182 | 41 | 58 | 98 | 332.0 | 525.2 |
| Mn | 61751.32 | 0.024 | 937 | 92 | 24 | 35 | 67 | 243.4 | 401.9 |

Statistics for Trav 193 FLT 54 Day 305

Start Time 12:06:39 Start East 577497 Start Nrth 5398789
End Time 12:10:13 End East 584641 End Nrth 5398813

Elaps Time 00:03:34 Line Length = 7.144 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61745.65 | 0.000 | 361 | 26 | 9 | 6 | 46 | 168.0 | 305.0 |
| Max | 61810.86 | 0.079 | 1336 | 156 | 48 | 63 | 89 | 311.0 | 507.0 |
| Mn | 61756.46 | 0.019 | 883 | 87 | 23 | 32 | 67 | 231.8 | 391.0 |

Statistics for Trav 194 FLT 54 Day 305

Start Time 12:10:50 Start East 577206 Start Nrth 5398569
End Time 12:14:14 End East 584374 End Nrth 5398601

Elaps Time 00:03:24 Line Length = 7.168 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61740.19 | 0.000 | 462 | 32 | 7 | 15 | 46 | 183.0 | 311.7 |
| Max | 61807.73 | 0.121 | 1357 | 163 | 42 | 72 | 91 | 320.0 | 560.8 |
| Mn | 61753.20 | 0.026 | 841 | 81 | 23 | 31 | 67 | 238.5 | 408.0 |

Statistics for Trav 195 FLT 54 Day 305

Start Time 12:14:53 Start East 577630 Start Nrth 5398390
End Time 12:18:27 End East 584701 End Nrth 5398410

Elaps Time 00:03:34 Line Length = 7.071 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61736.22 | 0.000 | 325 | 16 | 8 | 6 | 45 | 185.0 | 302.0 |
| Max | 61800.89 | 0.076 | 1399 | 155 | 44 | 68 | 88 | 298.0 | 541.0 |
| Mn | 61754.26 | 0.019 | 759 | 72 | 22 | 27 | 66 | 238.5 | 399.0 |

Statistics for Trav 196 FLT 54 Day 305

**********

Start Time 12:18:59 Start East 577290 Start Nrth 5398190
End Time 12:22:33 End East 584414 End Nrth 5398209

Elaps Time 00:03:34 Line Length = 7.124 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61740.32 | 0.000 | 314 | 21 | 6 | 7 | 45 | 160.0 | 308.0 |
| Max | 61789.10 | 0.113 | 1192 | 135 | 42 | 52 | 92 | 326.0 | 555.6 |
| Mn | 61754.70 | 0.025 | 776 | 73 | 21 | 28 | 68 | 243.8 | 403.5 |

**********

Statistics for Trav 197 FLT 54 Day 305

**********

Start Time 12:23:11 Start East 577608 Start Nrth 5397990
End Time 12:26:40 End East 584732 End Nrth 5398033

Elaps Time 00:03:29 Line Length = 7.124 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61746.67 | 0.000 | 341 | 22 | 7 | 7 | 44 | 185.0 | 308.0 |
| Max | 61795.38 | 0.094 | 1221 | 136 | 47 | 54 | 97 | 305.0 | 515.0 |
| Mn | 61756.26 | 0.020 | 754 | 72 | 21 | 27 | 67 | 244.6 | 393.6 |

**********

Statistics for Trav 198 FLT 54 Day 305

**********

Start Time 12:27:14 Start East 577343 Start Nrth 5397788
End Time 12:30:38 End East 584433 End Nrth 5397808

Elaps Time 00:03:24 Line Length = 7.090 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61735.73 | 0.000 | 343 | 24 | 7 | 10 | 48 | 170.0 | 299.0 |
| Max | 61793.60 | 0.152 | 1360 | 156 | 39 | 58 | 85 | 319.0 | 516.6 |
| Mn | 61756.27 | 0.024 | 823 | 78 | 22 | 30 | 66 | 234.4 | 384.4 |

# APPENDIX 7

## DATA STATISTICS

## Flight Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Fingal |
| Area: | 1 |
| Traverse Lines: | 199 - 301 |

**********

Statistics for Trav 199 FLT 54 Day 305

**********

Start Time 12:31:13 Start East 577661 Start Nrth 5397589
End Time 12:34:32 End East 584486 End Nrth 5397620

Elaps Time 00:03:19 Line Length = 6.825 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61743.53 | 0.000 | 392 | 24 | 5 | 7 | 49 | 176.0 | 307.5 |
| Max | 61800.29 | 0.089 | 1355 | 155 | 51 | 60 | 86 | 347.0 | 490.0 |
| Mn | 61757.57 | 0.019 | 826 | 76 | 24 | 30 | 66 | 239.6 | 372.4 |

**********

Statistics for Trav 200 FLT 54 Day 305

**********

Start Time 12:35:11 Start East 577432 Start Nrth 5397389
End Time 12:38:35 End East 584670 End Nrth 5397404

Elaps Time 00:03:24 Line Length = 7.238 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61743.59 | 0.000 | 408 | 25 | 9 | 8 | 43 | 153.0 | 307.0 |
| Max | 61789.64 | 0.175 | 1338 | 160 | 43 | 59 | 96 | 363.0 | 540.4 |
| Mn | 61757.92 | 0.024 | 831 | 79 | 23 | 30 | 67 | 246.3 | 390.0 |

**********

Statistics for Trav 201 FLT 54 Day 305

**********

Start Time 12:39:13 Start East 577633 Start Nrth 5397185
End Time 12:42:37 End East 584713 End Nrth 5397208

Elaps Time 00:03:24 Line Length = 7.080 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61739.82 | 0.000 | 449 | 30 | 3 | 7 | 45 | 181.0 | 307.0 |
| Max | 61799.81 | 0.087 | 1322 | 170 | 45 | 58 | 92 | 334.0 | 539.0 |
| Mn | 61759.54 | 0.020 | 832 | 81 | 23 | 31 | 68 | 246.3 | 383.1 |

**********

Statistics for Trav 202 FLT 54 Day 305

**********

Start Time 12:43:13 Start East 577296 Start Nrth 5396986
End Time 12:46:37 End East 584373 End Nrth 5397017

Elaps Time 00:03:24 Line Length = 7.077 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61750.83 | 0.000 | 418 | 29 | 9 | 10 | 47 | 181.0 | 313.0 |
| Max | 61797.48 | 0.145 | 1414 | 181 | 47 | 66 | 93 | 366.0 | 541.6 |
| Mn | 61762.08 | 0.025 | 918 | 89 | 25 | 34 | 67 | 245.7 | 395.9 |

**********

Statistics for Trav 203 FLT 54 Day 305

**********

Start Time 12:47:18 Start East 577665 Start Nrth 5396778
End Time 12:50:47 End East 584656 End Nrth 5396810

Elaps Time 00:03:29 Line Length = 6.991 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61750.68 | 0.000 | 418 | 27 | 8 | 10 | 45 | 181.0 | 292.1 |
| Max | 61804.33 | 0.095 | 1383 | 173 | 46 | 58 | 91 | 316.0 | 536.9 |
| Mn | 61765.55 | 0.021 | 897 | 88 | 25 | 33 | 66 | 231.4 | 387.7 |

**********

Statistics for Trav 204 FLT 54 Day 305

**********

Start Time 12:51:29 Start East 577409 Start Nrth 5396587
End Time 12:54:38 End East 584332 End Nrth 5396608

Elaps Time 00:03:09 Line Length = 6.923 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61753.94 | 0.000 | 479 | 30 | 12 | 9 | 46 | 172.0 | 313.0 |
| Max | 61810.89 | 0.107 | 1328 | 172 | 45 | 59 | 89 | 316.0 | 533.0 |
| Mn | 61768.02 | 0.024 | 904 | 87 | 24 | 32 | 68 | 245.8 | 396.2 |

**********
Statistics for Trav 205 FLT 54 Day 305
**********

Start Time 12:55:11 Start East 577494 Start Nrth 5396389
End Time 12:58:35 End East 584521 End Nrth 5396416

Elaps Time 00:03:24 Line Length = 7.027 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61753.27 | 0.000 | 379 | 24 | 7 | 7 | 46 | 169.0 | 309.0 |
| Max | 61802.60 | 0.092 | 1335 | 170 | 47 | 60 | 89 | 332.0 | 534.0 |
| Mn | 61769.06 | 0.021 | 854 | 82 | 23 | 30 | 67 | 234.4 | 399.3 |

**********
Statistics for Trav 206 FLT 55 Day 305
**********

Start Time 16:41:38 Start East 577115 Start Nrth 5396190
End Time 16:45:01 End East 584363 End Nrth 5396205

Elaps Time 00:03:23 Line Length = 7.248 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61733.86 | 0.000 | 389 | 22 | 8 | 9 | 43 | 181.0 | 311.0 |
| Max | 61780.69 | 0.142 | 1271 | 154 | 46 | 58 | 94 | 332.0 | 535.6 |
| Mn | 61753.06 | 0.027 | 836 | 80 | 23 | 30 | 67 | 246.4 | 400.5 |

**********
Statistics for Trav 207 FLT 55 Day 305
**********

Start Time 16:45:38 Start East 577645 Start Nrth 5395990
End Time 16:49:32 End East 584561 End Nrth 5396017

Elaps Time 00:03:54 Line Length = 6.916 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61736.98 | 0.000 | 399 | 25 | 9 | 10 | 45 | 148.0 | 302.0 |
| Max | 61783.71 | 0.103 | 1259 | 153 | 47 | 60 | 91 | 378.0 | 467.0 |
| Mn | 61753.88 | 0.020 | 844 | 82 | 23 | 30 | 67 | 234.3 | 372.1 |

**********

Statistics for Trav 208 FLT 55 Day 305

**********

Start Time 16:50:09 Start East 577372 Start Nrth 5395772
End Time 16:53:23 End East 584322 End Nrth 5395808

Elaps Time 00:03:14 Line Length = 6.950 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61743.55 | 0.000 | 354 | 25 | 9 | 7 | 45 | 167.0 | 302.0 |
| Max | 61780.45 | 0.139 | 1345 | 156 | 51 | 58 | 87 | 334.0 | 537.4 |
| Mn | 61754.61 | 0.024 | 866 | 82 | 24 | 31 | 65 | 238.1 | 368.6 |

**********

Statistics for Trav 209 FLT 55 Day 305

**********

Start Time 16:55:16 Start East 577747 Start Nrth 5395579
End Time 16:58:37 End East 584317 End Nrth 5395609

Elaps Time 00:03:21 Line Length = 6.570 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61745.19 | 0.000 | 379 | 22 | 8 | 7 | 41 | 156.0 | 290.0 |
| Max | 61782.00 | 0.098 | 1484 | 159 | 52 | 69 | 88 | 349.0 | 462.2 |
| Mn | 61755.91 | 0.021 | 943 | 91 | 27 | 35 | 66 | 227.1 | 346.1 |

**********

Statistics for Trav 210 FLT 55 Day 305

**********

Start Time 16:59:28 Start East 577328 Start Nrth 5395390
End Time 17:02:47 End East 584489 End Nrth 5395408

Elaps Time 00:03:19 Line Length = 7.161 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61745.94 | 0.000 | 413 | 27 | 7 | 9 | 43 | 169.0 | 303.0 |
| Max | 61776.78 | 0.118 | 1374 | 155 | 53 | 63 | 89 | 328.0 | 451.4 |
| Mn | 61755.11 | 0.024 | 921 | 88 | 26 | 33 | 66 | 236.2 | 352.0 |

**********

Statistics for Trav 211 FLT 57 Day 307

**********

Start Time 14:54:31 Start East 576599 Start Nrth 5395187
End Time 14:57:44 End East 584338 End Nrth 5395207

Elaps Time 00:03:13 Line Length = 7.739 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61758.04 | 0.000 | 540 | 30 | 8 | 8 | 50 | 169.0 | 298.0 |
| Max | 61782.40 | 0.150 | 1324 | 153 | 42 | 61 | 93 | 308.0 | 530.8 |
| Mn | 61767.14 | 0.029 | 853 | 84 | 22 | 31 | 69 | 235.6 | 362.4 |

**********

Statistics for Trav 212 FLT 57 Day 307

**********

Start Time 14:58:12 Start East 577653 Start Nrth 5394992
End Time 15:02:01 End East 584645 End Nrth 5395019

Elaps Time 00:03:49 Line Length = 6.992 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61750.82 | 0.000 | 557 | 41 | 11 | 13 | 49 | 151.0 | 296.0 |
| Max | 61787.69 | 0.150 | 1272 | 145 | 39 | 62 | 92 | 284.0 | 450.0 |
| Mn | 61766.84 | 0.024 | 890 | 90 | 23 | 33 | 69 | 231.5 | 340.1 |

**********

Statistics for Trav 213 FLT 57 Day 307

**********

Start Time 15:02:41 Start East 577697 Start Nrth 5394785
End Time 15:05:40 End East 584400 End Nrth 5394823

Elaps Time 00:02:59 Line Length = 6.703 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61752.31 | 0.000 | 430 | 34 | 8 | 12 | 51 | 165.0 | 296.0 |
| Max | 61792.16 | 0.185 | 1340 | 151 | 46 | 58 | 96 | 326.0 | 515.0 |
| Mn | 61767.54 | 0.030 | 855 | 88 | 22 | 31 | 70 | 226.0 | 354.9 |

**********

Statistics for Trav 214 FLT 57 Day 307

**********

Start Time 15:06:09 Start East 577658 Start Nrth 5394584
End Time 15:10:13 End East 584621 End Nrth 5394614

Elaps Time 00:04:04 Line Length = 6.963 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61719.61 | 0.000 | 313 | 22 | 7 | 6 | 48 | 150.0 | 287.0 |
| Max | 61802.26 | 0.168 | 1423 | 170 | 46 | 70 | 90 | 266.0 | 524.0 |
| Mn | 61768.95 | 0.024 | 891 | 93 | 22 | 32 | 69 | 214.7 | 350.4 |

**********

Statistics for Trav 215 FLT 57 Day 307

**********

Start Time 15:10:50 Start East 577525 Start Nrth 5394387
End Time 15:13:44 End East 584553 End Nrth 5394405

Elaps Time 00:02:54 Line Length = 7.028 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61737.34 | 0.000 | 383 | 28 | 6 | 10 | 48 | 195.0 | 296.0 |
| Max | 61814.55 | 0.133 | 1304 | 137 | 45 | 71 | 96 | 396.0 | 533.8 |
| Mn | 61769.69 | 0.027 | 809 | 82 | 20 | 30 | 71 | 257.5 | 377.3 |

**********

Statistics for Trav 216 FLT 57 Day 307

**********

Start Time 15:14:09 Start East 577698 Start Nrth 5394194
End Time 15:18:33 End East 584754 End Nrth 5394288

Elaps Time 00:04:24 Line Length = 7.057 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61735.11 | 0.000 | 515 | 33 | 8 | 10 | 50 | 147.0 | 293.0 |
| Max | 61796.19 | 0.132 | 1386 | 163 | 45 | 64 | 97 | 283.0 | 493.0 |
| Mn | 61767.72 | 0.022 | 909 | 96 | 22 | 32 | 70 | 216.4 | 344.5 |

**********

Statistics for Trav 217 FLT 57 Day 307

**********

Start Time 15:19:14 Start East 577545 Start Nrth 5393984
End Time 15:22:18 End East 584409 End Nrth 5394008

Elaps Time 00:03:04 Line Length = 6.864 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61731.92 | 0.000 | 553 | 41 | 6 | 12 | 47 | 165.0 | 291.0 |
| Max | 61806.47 | 0.193 | 1424 | 145 | 58 | 66 | 96 | 306.0 | 513.8 |
| Mn | 61768.29 | 0.027 | 949 | 96 | 24 | 36 | 69 | 223.7 | 344.9 |

**********

Statistics for Trav 218 FLT 57 Day 307

**********

Start Time 15:22:51 Start East 577615 Start Nrth 5393787
End Time 15:27:15 End East 584673 End Nrth 5393818

Elaps Time 00:04:24 Line Length = 7.058 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61755.38 | 0.000 | 359 | 23 | 7 | 9 | 49 | 156.0 | 283.0 |
| Max | 61796.14 | 0.131 | 1450 | 158 | 45 | 70 | 93 | 312.0 | 527.0 |
| Mn | 61771.35 | 0.022 | 914 | 92 | 23 | 34 | 69 | 223.8 | 345.0 |

**********

Statistics for Trav 219 FLT 57 Day 307

**********

Start Time 15:27:54 Start East 577421 Start Nrth 5393584
End Time 15:30:48 End East 584266 End Nrth 5393619

Elaps Time 00:02:54 Line Length = 6.845 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61748.48 | 0.000 | 329 | 22 | 5 | 9 | 48 | 183.0 | 294.1 |
| Max | 61787.58 | 0.180 | 1291 | 139 | 43 | 58 | 111 | 360.0 | 535.6 |
| Mn | 61769.00 | 0.026 | 848 | 85 | 22 | 32 | 70 | 248.0 | 365.9 |

**********

Statistics for Trav 220 FLT 57 Day 307

**********

Start Time 15:31:23 Start East 577615 Start Nrth 5393385
End Time 15:35:37 End East 584617 End Nrth 5393432

Elaps Time 00:04:14 Line Length = 7.002 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61641.53 | 0.000 | 330 | 24 | 6 | 10 | 51 | 148.0 | 287.0 |
| Max | 61813.79 | 0.130 | 1340 | 146 | 42 | 67 | 100 | 295.0 | 531.0 |
| Mn | 61768.89 | 0.024 | 883 | 88 | 22 | 33 | 69 | 226.2 | 350.7 |

**********

Statistics for Trav 221 FLT 57 Day 307

**********

Start Time 15:36:20 Start East 577574 Start Nrth 5393186
End Time 15:39:14 End East 584443 End Nrth 5393205

Elaps Time 00:02:54 Line Length = 6.869 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61681.69 | 0.000 | 492 | 41 | 9 | 13 | 48 | 180.0 | 292.0 |
| Max | 61811.84 | 0.302 | 1256 | 145 | 48 | 58 | 93 | 351.0 | 507.0 |
| Mn | 61768.59 | 0.032 | 884 | 88 | 23 | 33 | 68 | 235.7 | 361.0 |

**********

Statistics for Trav 222 FLT 57 Day 307

**********

Start Time 15:39:41 Start East 577674 Start Nrth 5392988
End Time 15:43:35 End East 584667 End Nrth 5393023

Elaps Time 00:03:54 Line Length = 6.993 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61665.21 | 0.000 | 502 | 32 | 6 | 16 | 46 | 170.0 | 283.0 |
| Max | 61805.70 | 0.120 | 1348 | 147 | 43 | 57 | 97 | 294.0 | 476.0 |
| Mn | 61766.44 | 0.023 | 888 | 89 | 22 | 33 | 69 | 228.0 | 338.4 |

**********

Statistics for Trav 223 FLT 57 Day 307

**********

Start Time 15:44:17 Start East 577739 Start Nrth 5392763
End Time 15:47:01 End East 584285 End Nrth 5392804

Elaps Time 00:02:44 Line Length = 6.546 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61667.89 | 0.000 | 490 | 27 | 11 | 12 | 50 | 175.0 | 290.0 |
| Max | 61814.10 | 0.132 | 1273 | 144 | 43 | 63 | 93 | 272.0 | 476.2 |
| Mn | 61767.38 | 0.027 | 848 | 84 | 22 | 31 | 69 | 233.0 | 338.0 |

**********

Statistics for Trav 224 FLT 57 Day 307

**********

Start Time 15:47:27 Start East 577637 Start Nrth 5392580
End Time 15:51:31 End East 584611 End Nrth 5392609

Elaps Time 00:04:04 Line Length = 6.974 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61745.03 | 0.000 | 326 | 19 | 7 | 9 | 44 | 154.0 | 285.0 |
| Max | 61817.56 | 0.096 | 1221 | 143 | 38 | 59 | 97 | 279.0 | 493.0 |
| Mn | 61772.16 | 0.023 | 814 | 80 | 21 | 31 | 69 | 223.8 | 337.3 |

**********

Statistics for Trav 225 FLT 62 Day 310

**********

Start Time 13:02:43 Start East 577553 Start Nrth 5392390
End Time 13:05:36 End East 584459 End Nrth 5392406

Elaps Time 00:02:53 Line Length = 6.906 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61737.39 | 0.000 | 320 | 17 | 7 | 7 | 51 | 186.0 | 293.0 |
| Max | 61800.35 | 0.117 | 1155 | 124 | 41 | 57 | 91 | 294.0 | 502.0 |
| Mn | 61762.08 | 0.023 | 799 | 77 | 21 | 31 | 68 | 235.2 | 346.2 |

**********

Statistics for Trav 226 FLT 62 Day 310

**********

Start Time 13:06:20 Start East 577732 Start Nrth 5392193
End Time 13:10:14 End East 584482 End Nrth 5392207

Elaps Time 00:03:54 Line Length = 6.750 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61732.53 | 0.000 | 331 | 24 | 9 | 11 | 43 | 175.0 | 291.0 |
| Max | 61794.42 | 0.181 | 1062 | 126 | 38 | 56 | 94 | 289.0 | 502.0 |
| Mn | 61759.46 | 0.020 | 804 | 79 | 22 | 30 | 67 | 225.5 | 346.7 |

**********

Statistics for Trav 227 FLT 62 Day 310

**********

Start Time 13:10:48 Start East 577686 Start Nrth 5391985
End Time 13:13:47 End East 584364 End Nrth 5392009

Elaps Time 00:02:59 Line Length = 6.678 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61726.13 | 0.000 | 335 | 24 | 6 | 7 | 48 | 185.0 | 300.0 |
| Max | 61791.55 | 0.117 | 1002 | 123 | 35 | 50 | 92 | 355.0 | 489.0 |
| Mn | 61758.99 | 0.022 | 730 | 73 | 19 | 27 | 68 | 241.6 | 358.6 |

**********

Statistics for Trav 228 FLT 62 Day 310

**********

Start Time 13:14:21 Start East 577718 Start Nrth 5391790
End Time 13:18:10 End East 584637 End Nrth 5391806

Elaps Time 00:03:49 Line Length = 6.919 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61722.37 | 0.000 | 421 | 36 | 6 | 12 | 49 | 158.0 | 297.0 |
| Max | 61798.80 | 0.103 | 1150 | 137 | 35 | 49 | 92 | 297.0 | 489.0 |
| Mn | 61757.48 | 0.021 | 742 | 77 | 19 | 26 | 67 | 236.8 | 350.7 |

**********
Statistics for Trav 229 FLT 62 Day 310
**********

Start Time 13:18:49 Start East 577711 Start Nrth 5391585
End Time 13:21:53 End East 584350 End Nrth 5391606

Elaps Time 00:03:04 Line Length = 6.639 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61719.40 | 0.000 | 374 | 27 | 7 | 9 | 45 | 175.0 | 296.0 |
| Max | 61801.66 | 0.134 | 1016 | 117 | 39 | 46 | 101 | 382.0 | 484.4 |
| Mn | 61757.69 | 0.022 | 725 | 72 | 19 | 26 | 67 | 252.5 | 355.5 |

**********
Statistics for Trav 230 FLT 62 Day 310
**********

Start Time 13:22:35 Start East 577430 Start Nrth 5391391
End Time 13:26:34 End East 584633 End Nrth 5391419

Elaps Time 00:03:59 Line Length = 7.203 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61713.63 | 0.000 | 470 | 39 | 7 | 6 | 45 | 150.0 | 295.0 |
| Max | 61823.20 | 0.099 | 1127 | 137 | 39 | 52 | 87 | 311.0 | 488.0 |
| Mn | 61755.30 | 0.020 | 745 | 78 | 19 | 26 | 67 | 223.8 | 359.0 |

**********
Statistics for Trav 231 FLT 62 Day 310
**********

Start Time 13:28:33 Start East 577800 Start Nrth 5391137
End Time 13:31:42 End East 584473 End Nrth 5391246

Elaps Time 00:03:09 Line Length = 6.674 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61692.94 | 0.000 | 443 | 42 | 4 | 6 | 51 | 192.0 | 292.0 |
| Max | 61792.52 | 0.158 | 1062 | 122 | 34 | 46 | 89 | 342.0 | 457.8 |
| Mn | 61758.93 | 0.021 | 713 | 78 | 17 | 24 | 68 | 242.4 | 353.0 |

**********

Statistics for Trav 232 FLT 62 Day 310

**********

Start Time 13:32:23 Start East 577629 Start Nrth 5390990
End Time 13:36:07 End East 584613 End Nrth 5391009

Elaps Time 00:03:44 Line Length = 6.984 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61712.68 | 0.000 | 395 | 33 | 5 | 10 | 47 | 162.0 | 291.0 |
| Max | 61794.82 | 0.115 | 1029 | 143 | 33 | 54 | 97 | 408.0 | 447.6 |
| Mn | 61758.51 | 0.018 | 721 | 83 | 17 | 23 | 67 | 237.6 | 360.7 |

**********

Statistics for Trav 233 FLT 62 Day 310

**********

Start Time 13:36:30 Start East 577615 Start Nrth 5390787
End Time 13:39:39 End East 584408 End Nrth 5390810

Elaps Time 00:03:09 Line Length = 6.793 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61729.68 | 0.000 | 441 | 44 | 7 | 11 | 47 | 175.0 | 296.0 |
| Max | 61819.15 | 0.107 | 1169 | 139 | 33 | 48 | 93 | 407.0 | 460.0 |
| Mn | 61763.79 | 0.024 | 766 | 86 | 18 | 25 | 68 | 240.5 | 358.0 |

**********

Statistics for Trav 234 FLT 62 Day 310

**********

Start Time 13:40:14 Start East 577248 Start Nrth 5390585
End Time 13:44:13 End East 584515 End Nrth 5390605

Elaps Time 00:03:59 Line Length = 7.267 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61671.44 | 0.000 | 441 | 43 | 2 | 8 | 45 | 179.0 | 297.0 |
| Max | 61864.32 | 0.206 | 1083 | 140 | 36 | 49 | 91 | 331.0 | 486.0 |
| Mn | 61764.71 | 0.023 | 740 | 82 | 18 | 25 | 68 | 232.6 | 359.6 |

**********

Statistics for Trav 235 FLT 62 Day 310

**********

Start Time 13:50:32 Start East 577732 Start Nrth 5390383
End Time 13:51:51 End East 581048 End Nrth 5390452

Elaps Time 00:01:19 Line Length = 3.317 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61683.13 | 0.000 | 568 | 40 | 8 | 8 | 51 | 217.0 | 318.0 |
| Max | 61792.62 | 0.113 | 990 | 131 | 32 | 40 | 88 | 361.0 | 397.0 |
| Mn | 61769.32 | 0.024 | 724 | 77 | 17 | 25 | 68 | 255.2 | 352.2 |

**********

Statistics for Trav 235 FLT 62 Day 310

**********

Start Time 13:53:35 Start East 577637 Start Nrth 5390382
End Time 13:57:04 End East 584770 End Nrth 5390407

Elaps Time 00:03:29 Line Length = 7.133 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61691.69 | 0.000 | 433 | 44 | 4 | 10 | 48 | 185.0 | 296.0 |
| Max | 61818.98 | 0.090 | 960 | 141 | 35 | 48 | 93 | 347.0 | 545.0 |
| Mn | 61763.20 | 0.020 | 678 | 73 | 17 | 23 | 68 | 244.0 | 373.7 |

**********

Statistics for Trav 236 FLT 58 Day 308

**********

Start Time 11:13:14 Start East 563223 Start Nrth 5410381
End Time 11:16:23 End East 570446 End Nrth 5410413

Elaps Time 00:03:09 Line Length = 7.223 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61723.94 | 0.000 | 580 | 53 | 10 | 16 | 43 | 209.0 | 380.0 |
| Max | 61784.26 | 0.104 | 1334 | 154 | 43 | 50 | 93 | 380.0 | 679.0 |
| Mn | 61753.40 | 0.023 | 914 | 92 | 24 | 31 | 73 | 263.4 | 463.7 |

**********

Statistics for Trav 237 FLT 58 Day 308

**********

Start Time 11:16:52 Start East 563713 Start Nrth 5410191
End Time 11:20:26 End East 570702 End Nrth 5410207

Elaps Time 00:03:34 Line Length = 6.989 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61723.24 | 0.000 | 629 | 40 | 12 | 14 | 51 | 173.0 | 364.0 |
| Max | 61782.14 | 0.074 | 1283 | 168 | 44 | 58 | 103 | 340.0 | 682.0 |
| Mn | 61754.48 | 0.020 | 937 | 96 | 24 | 33 | 73 | 241.7 | 469.3 |

**********

Statistics for Trav 238 FLT 58 Day 308

**********

Start Time 11:21:01 Start East 563432 Start Nrth 5409984
End Time 11:24:10 End East 570285 End Nrth 5410005

Elaps Time 00:03:09 Line Length = 6.853 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61732.22 | 0.000 | 363 | 29 | 8 | 14 | 50 | 178.0 | 372.0 |
| Max | 61794.48 | 0.167 | 1156 | 140 | 38 | 58 | 97 | 340.0 | 679.0 |
| Mn | 61761.94 | 0.020 | 865 | 87 | 22 | 30 | 73 | 244.3 | 466.3 |

**********

Statistics for Trav 239 FLT 58 Day 308

**********

Start Time 11:24:56 Start East 563633 Start Nrth 5409787
End Time 11:28:50 End East 570638 End Nrth 5409808

Elaps Time 00:03:54 Line Length = 7.005 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61730.80 | 0.000 | 330 | 19 | 6 | 7 | 51 | 140.0 | 365.0 |
| Max | 61818.64 | 0.072 | 1309 | 162 | 43 | 61 | 105 | 328.0 | 625.0 |
| Mn | 61761.66 | 0.019 | 867 | 87 | 22 | 31 | 72 | 236.6 | 474.6 |

**********

Statistics for Trav 240 FLT 58 Day 308

**********

Start Time 11:50:49 Start East 563341 Start Nrth 5409591
End Time 11:53:58 End East 570860 End Nrth 5409744

Elaps Time 00:03:09 Line Length = 7.521 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61724.22 | 0.000 | 361 | 25 | 7 | 3 | 48 | 186.0 | 376.0 |
| Max | 61801.10 | 0.133 | 1310 | 164 | 40 | 54 | 100 | 425.0 | 624.0 |
| Mn | 61758.43 | 0.024 | 842 | 85 | 22 | 29 | 73 | 278.8 | 481.2 |

**********

Statistics for Trav 241 FLT 58 Day 308

**********

Start Time 11:54:29 Start East 563742 Start Nrth 5409391
End Time 11:58:18 End East 570427 End Nrth 5409410

Elaps Time 00:03:49 Line Length = 6.685 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61733.63 | 0.000 | 514 | 44 | 12 | 13 | 45 | 172.0 | 367.0 |
| Max | 61804.01 | 0.452 | 1468 | 170 | 44 | 66 | 98 | 294.0 | 575.0 |
| Mn | 61759.96 | 0.023 | 955 | 99 | 24 | 34 | 71 | 234.0 | 451.9 |

**********

Statistics for Trav 242 FLT 58 Day 308

**********

Start Time 11:58:53 Start East 563557 Start Nrth 5409182
End Time 12:02:02 End East 570367 End Nrth 5409211

Elaps Time 00:03:09 Line Length = 6.810 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61736.92 | 0.000 | 626 | 60 | 10 | 17 | 50 | 189.0 | 369.0 |
| Max | 61815.48 | 0.512 | 1346 | 170 | 40 | 55 | 95 | 423.0 | 558.0 |
| Mn | 61763.68 | 0.027 | 924 | 94 | 23 | 33 | 71 | 263.4 | 453.5 |

Statistics for Trav 243 FLT 58 Day 308

Start Time 12:02:47 Start East 563709 Start Nrth 5408980
End Time 12:07:16 End East 570567 End Nrth 5409010

Elaps Time 00:04:29 Line Length = 6.858 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61738.21 | 0.000 | 695 | 66 | 11 | 16 | 51 | 156.0 | 369.2 |
| Max | 61800.28 | 0.307 | 1454 | 196 | 41 | 60 | 100 | 331.0 | 526.0 |
| Mn | 61761.36 | 0.022 | 962 | 102 | 24 | 34 | 73 | 228.5 | 445.1 |

Statistics for Trav 244 FLT 58 Day 308

Start Time 12:07:54 Start East 563535 Start Nrth 5408776
End Time 12:10:58 End East 570280 End Nrth 5408810

Elaps Time 00:03:04 Line Length = 6.745 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61742.28 | 0.000 | 749 | 59 | 10 | 14 | 52 | 159.0 | 364.0 |
| Max | 61782.72 | 0.124 | 1349 | 170 | 40 | 60 | 96 | 355.0 | 553.0 |
| Mn | 61763.81 | 0.023 | 957 | 102 | 23 | 33 | 72 | 254.3 | 435.3 |

Statistics for Trav 245 FLT 58 Day 308

Start Time 12:11:54 Start East 563639 Start Nrth 5408563
End Time 12:16:08 End East 570590 End Nrth 5408610

Elaps Time 00:04:14 Line Length = 6.951 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61744.35 | 0.000 | 722 | 59 | 11 | 14 | 48 | 151.0 | 340.0 |
| Max | 61784.66 | 0.085 | 1501 | 218 | 48 | 57 | 93 | 329.0 | 567.0 |
| Mn | 61767.52 | 0.019 | 988 | 108 | 24 | 34 | 71 | 226.8 | 423.0 |

**********

Statistics for Trav 246 FLT 58 Day 308

**********

Start Time 12:16:38 Start East 563460 Start Nrth 5408387
End Time 12:19:52 End East 570439 End Nrth 5408411

Elaps Time 00:03:14 Line Length = 6.979 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61753.86 | 0.000 | 657 | 47 | 10 | 19 | 55 | 181.0 | 357.0 |
| Max | 61791.51 | 0.079 | 1400 | 175 | 38 | 58 | 99 | 347.0 | 589.0 |
| Mn | 61774.41 | 0.021 | 957 | 99 | 23 | 34 | 71 | 254.3 | 450.3 |

**********

Statistics for Trav 247 FLT 58 Day 308

**********

Start Time 12:20:46 Start East 563672 Start Nrth 5408173
End Time 12:24:45 End East 571019 End Nrth 5408206

Elaps Time 00:03:59 Line Length = 7.347 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61751.99 | 0.000 | 526 | 39 | 8 | 19 | 51 | 164.0 | 360.0 |
| Max | 61799.60 | 0.153 | 1463 | 192 | 43 | 60 | 101 | 312.0 | 572.0 |
| Mn | 61776.22 | 0.021 | 976 | 103 | 23 | 36 | 72 | 237.7 | 434.8 |

**********

Statistics for Trav 248 FLT 58 Day 308

**********

Start Time 12:25:19 Start East 563324 Start Nrth 5407978
End Time 12:28:33 End East 570300 End Nrth 5408015

Elaps Time 00:03:14 Line Length = 6.976 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61757.05 | 0.000 | 604 | 41 | 7 | 10 | 48 | 177.0 | 374.0 |
| Max | 61802.14 | 0.120 | 1402 | 186 | 38 | 63 | 113 | 379.0 | 623.0 |
| Mn | 61780.89 | 0.020 | 958 | 103 | 22 | 33 | 74 | 254.8 | 482.4 |

**********

Statistics for Trav 249 FLT 58 Day 308

**********

Start Time 12:29:18 Start East 565588 Start Nrth 5407788
End Time 12:32:02 End East 570855 End Nrth 5407808

Elaps Time 00:02:44 Line Length = 5.267 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61755.66 | 0.000 | 479 | 39 | 8 | 13 | 52 | 168.0 | 368.0 |
| Max | 61792.84 | 0.074 | 1089 | 130 | 30 | 57 | 97 | 311.0 | 596.0 |
| Mn | 61776.27 | 0.018 | 810 | 82 | 20 | 30 | 71 | 239.9 | 447.4 |

**********

Statistics for Trav 250 FLT 58 Day 308

**********

Start Time 12:32:40 Start East 565435 Start Nrth 5407582
End Time 12:34:49 End East 570266 End Nrth 5407607

Elaps Time 00:02:09 Line Length = 4.831 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61752.87 | 0.000 | 608 | 36 | 6 | 17 | 49 | 164.0 | 384.0 |
| Max | 61793.65 | 0.111 | 1125 | 132 | 42 | 50 | 99 | 322.0 | 585.2 |
| Mn | 61778.16 | 0.021 | 836 | 85 | 21 | 30 | 72 | 251.3 | 455.5 |

**********

Statistics for Trav 251 FLT 58 Day 308

**********

Start Time 12:35:31 Start East 565675 Start Nrth 5407390
End Time 12:38:00 End East 570554 End Nrth 5407405

Elaps Time 00:02:29 Line Length = 4.879 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61751.14 | 0.000 | 557 | 43 | 8 | 12 | 53 | 139.0 | 365.0 |
| Max | 61794.38 | 0.159 | 1304 | 170 | 41 | 54 | 103 | 286.0 | 546.0 |
| Mn | 61777.16 | 0.019 | 923 | 95 | 23 | 34 | 70 | 234.9 | 419.7 |

**********

Statistics for Trav 252 FLT 58 Day 308

**********

Start Time 12:38:37 Start East 565625 Start Nrth 5407188
End Time 12:40:41 End East 570319 End Nrth 5407205

Elaps Time 00:02:04 Line Length = 4.694 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61756.85 | 0.000 | 548 | 41 | 10 | 18 | 48 | 169.0 | 386.0 |
| Max | 61801.11 | 0.129 | 1301 | 157 | 35 | 55 | 94 | 372.0 | 522.6 |
| Mn | 61778.16 | 0.024 | 863 | 86 | 21 | 32 | 71 | 235.8 | 424.5 |

**********

Statistics for Trav 253 FLT 58 Day 308

**********

Start Time 12:41:25 Start East 565589 Start Nrth 5406989
End Time 12:44:09 End East 570838 End Nrth 5407009

Elaps Time 00:02:44 Line Length = 5.249 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61754.92 | 0.000 | 722 | 54 | 11 | 21 | 50 | 168.0 | 369.0 |
| Max | 61805.70 | 0.122 | 1438 | 194 | 43 | 64 | 98 | 324.0 | 512.0 |
| Mn | 61776.98 | 0.019 | 988 | 102 | 25 | 37 | 71 | 242.5 | 421.6 |

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Statistics for Trav 254 FLT 58 Day 308

**********

Start Time 12:44:54 Start East 565168 Start Nrth 5406781
End Time 12:47:18 End East 570288 End Nrth 5406814

Elaps Time 00:02:24 Line Length = 5.120 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61759.49 | 0.000 | 669 | 52 | 10 | 17 | 48 | 177.0 | 381.0 |
| Max | 61809.69 | 0.095 | 1382 | 156 | 39 | 63 | 94 | 324.0 | 548.8 |
| Mn | 61780.28 | 0.021 | 977 | 105 | 22 | 35 | 72 | 232.8 | 447.3 |

**********

Statistics for Trav 255 FLT 58 Day 308

**********

Start Time 12:48:11 Start East 565631 Start Nrth 5406592
End Time 12:50:45 End East 570687 End Nrth 5406611

Elaps Time 00:02:34 Line Length = 5.056 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61756.89 | 0.000 | 676 | 59 | 14 | 19 | 47 | 147.0 | 381.0 |
| Max | 61824.35 | 0.128 | 1396 | 162 | 40 | 61 | 98 | 322.0 | 521.0 |
| Mn | 61777.02 | 0.019 | 1027 | 111 | 24 | 36 | 72 | 229.0 | 448.6 |

**********

Statistics for Trav 256 FLT 58 Day 308

**********

Start Time 12:51:24 Start East 565474 Start Nrth 5406381
End Time 12:54:08 End East 570422 End Nrth 5406410

Elaps Time 00:02:44 Line Length = 4.948 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61752.58 | 0.000 | 695 | 58 | 10 | 17 | 47 | 165.0 | 389.0 |
| Max | 61800.37 | 0.081 | 1475 | 184 | 42 | 65 | 99 | 405.0 | 607.6 |
| Mn | 61773.75 | 0.020 | 1014 | 109 | 24 | 35 | 73 | 253.7 | 476.6 |

**********

Statistics for Trav 257 FLT 58 Day 308

**********

Start Time 12:54:46 Start East 565646 Start Nrth 5406191
End Time 12:57:55 End East 570590 End Nrth 5406219

Elaps Time 00:03:09 Line Length = 4.944 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61751.72 | 0.000 | 633 | 61 | 12 | 17 | 51 | 151.0 | 373.0 |
| Max | 61796.58 | 0.126 | 1502 | 191 | 43 | 64 | 102 | 297.0 | 639.0 |
| Mn | 61769.11 | 0.021 | 1067 | 117 | 25 | 37 | 73 | 227.1 | 482.9 |

**********

Statistics for Trav 258 FLT 59 Day 308

**********

Start Time 13:37:27 Start East 565389 Start Nrth 5405976
End Time 13:40:15 End East 570312 End Nrth 5406026

Elaps Time 00:02:48 Line Length = 4.923 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61742.18 | 0.000 | 681 | 58 | 12 | 18 | 52 | 146.0 | 393.0 |
| Max | 61777.32 | 0.075 | 1423 | 181 | 40 | 60 | 98 | 444.0 | 659.0 |
| Mn | 61755.55 | 0.020 | 996 | 110 | 23 | 35 | 75 | 248.9 | 522.6 |

**********

Statistics for Trav 259 FLT 59 Day 308

**********

Start Time 13:40:48 Start East 566664 Start Nrth 5405786
End Time 13:42:57 End East 570405 End Nrth 5405810

Elaps Time 00:02:09 Line Length = 3.741 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61740.35 | 0.000 | 611 | 55 | 8 | 17 | 56 | 151.0 | 384.3 |
| Max | 61781.30 | 0.070 | 1293 | 164 | 39 | 56 | 94 | 347.0 | 587.0 |
| Mn | 61752.86 | 0.018 | 1071 | 117 | 24 | 39 | 75 | 230.1 | 484.9 |

**********

Statistics for Trav 260 FLT 59 Day 308

**********

Start Time 13:43:31 Start East 566546 Start Nrth 5405586
End Time 13:45:38 End East 570252 End Nrth 5405611

Elaps Time 00:02:07 Line Length = 3.706 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61739.57 | 0.000 | 729 | 64 | 12 | 21 | 58 | 146.0 | 370.0 |
| Max | 61771.75 | 0.106 | 1526 | 180 | 40 | 67 | 102 | 343.0 | 590.0 |
| Mn | 61751.91 | 0.021 | 1141 | 125 | 25 | 41 | 73 | 218.9 | 464.3 |

**********

Statistics for Trav 261 FLT 59 Day 308

**********

Start Time 13:46:16 Start East 567213 Start Nrth 5405393
End Time 13:48:40 End East 570435 End Nrth 5405415

Elaps Time 00:02:24 Line Length = 3.222 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61740.34 | 0.000 | 790 | 64 | 17 | 19 | 50 | 133.0 | 395.0 |
| Max | 61762.82 | 0.544 | 1506 | 190 | 44 | 65 | 101 | 322.0 | 602.0 |
| Mn | 61749.82 | 0.030 | 1192 | 135 | 27 | 41 | 73 | 218.6 | 502.3 |

**********

Statistics for Trav 261 FLT 59 Day 308

**********

Start Time 15:36:08 Start East 566451 Start Nrth 5405388
End Time 15:38:16 End East 570318 End Nrth 5405407

Elaps Time 00:02:08 Line Length = 3.867 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61778.39 | 0.000 | 668 | 58 | 15 | 16 | 53 | 165.0 | 380.0 |
| Max | 61801.83 | 0.122 | 1464 | 177 | 37 | 59 | 99 | 371.0 | 610.0 |
| Mn | 61787.72 | 0.023 | 1087 | 118 | 24 | 38 | 74 | 225.8 | 479.5 |

**********

Statistics for Trav 262 FLT 59 Day 308

**********

Start Time 15:38:42 Start East 566632 Start Nrth 5405187
End Time 15:41:06 End East 570514 End Nrth 5405213

Elaps Time 00:02:24 Line Length = 3.882 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61777.11 | 0.000 | 584 | 44 | 10 | 14 | 58 | 141.0 | 393.0 |
| Max | 61797.78 | 0.087 | 1451 | 189 | 43 | 64 | 95 | 330.0 | 596.0 |
| Mn | 61787.57 | 0.018 | 1061 | 116 | 25 | 38 | 74 | 222.3 | 502.4 |

**********

Statistics for Trav 263 FLT 59 Day 308

**********

Start Time 15:41:48 Start East 566590 Start Nrth 5404982
End Time 15:43:47 End East 570383 End Nrth 5405016

Elaps Time 00:01:59 Line Length = 3.793 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61779.33 | 0.000 | 649 | 53 | 9 | 20 | 57 | 162.0 | 381.4 |
| Max | 61796.31 | 0.097 | 1497 | 187 | 42 | 69 | 93 | 380.0 | 609.9 |
| Mn | 61786.41 | 0.022 | 1032 | 110 | 24 | 37 | 74 | 225.9 | 505.0 |

**********

Statistics for Trav 264 FLT 59 Day 308

**********

Start Time 15:44:17 Start East 566666 Start Nrth 5404789
End Time 15:46:41 End East 570593 End Nrth 5404812

Elaps Time 00:02:24 Line Length = 3.927 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61776.78 | 0.000 | 724 | 57 | 11 | 23 | 55 | 150.0 | 397.0 |
| Max | 61794.38 | 0.139 | 1443 | 186 | 44 | 60 | 96 | 380.0 | 618.0 |
| Mn | 61784.28 | 0.021 | 1097 | 120 | 25 | 39 | 75 | 220.6 | 532.5 |

**********

Statistics for Trav 265 FLT 59 Day 308

**********

Start Time 15:47:14 Start East 566537 Start Nrth 5404580
End Time 15:49:23 End East 570277 End Nrth 5404612

Elaps Time 00:02:09 Line Length = 3.740 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61773.46 | 0.000 | 643 | 55 | 11 | 16 | 52 | 154.0 | 395.0 |
| Max | 61785.56 | 0.132 | 1327 | 172 | 36 | 54 | 99 | 463.0 | 641.0 |
| Mn | 61780.65 | 0.023 | 975 | 104 | 23 | 35 | 73 | 233.6 | 544.9 |

**********

Statistics for Trav 266 FLT 59 Day 308

**********

Start Time 15:49:56 Start East 566652 Start Nrth 5404388
End Time 15:52:15 End East 570437 End Nrth 5404426

Elaps Time 00:02:19 Line Length = 3.785 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61769.65 | 0.000 | 838 | 68 | 8 | 21 | 53 | 143.0 | 430.0 |
| Max | 61785.19 | 0.080 | 1195 | 144 | 40 | 56 | 102 | 354.0 | 677.0 |
| Mn | 61778.67 | 0.020 | 1000 | 106 | 23 | 35 | 77 | 238.6 | 589.9 |

**********

Statistics for Trav 267 FLT 59 Day 308

**********

Start Time 15:52:52 Start East 566464 Start Nrth 5404185
End Time 15:55:11 End East 570351 End Nrth 5404211

Elaps Time 00:02:19 Line Length = 3.887 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61768.65 | 0.000 | 335 | 27 | 5 | 8 | 55 | 162.0 | 404.2 |
| Max | 61804.30 | 0.098 | 1246 | 148 | 43 | 59 | 100 | 400.0 | 726.0 |
| Mn | 61777.00 | 0.022 | 927 | 96 | 22 | 34 | 74 | 229.9 | 595.6 |

**********

Statistics for Trav 268 FLT 59 Day 308

**********

Start Time 15:55:46 Start East 566637 Start Nrth 5403986
End Time 15:58:20 End East 570565 End Nrth 5404013

Elaps Time 00:02:34 Line Length = 3.928 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61766.84 | 0.000 | 346 | 20 | 7 | 10 | 57 | 154.0 | 439.0 |
| Max | 61792.08 | 0.107 | 1191 | 149 | 40 | 54 | 106 | 422.0 | 720.0 |
| Mn | 61775.16 | 0.019 | 883 | 93 | 21 | 32 | 78 | 232.6 | 631.0 |

**********
Statistics for Trav 269 FLT 60 Day 309
**********

Start Time 16:33:53 Start East 567274 Start Nrth 5403791
End Time 16:35:41 End East 570423 End Nrth 5403805

Elaps Time 00:01:48 Line Length = 3.149 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61741.80 | 0.000 | 434 | 27 | 7 | 12 | 49 | 175.0 | 504.0 |
| Max | 61754.13 | 0.078 | 1304 | 146 | 41 | 68 | 104 | 512.0 | 769.0 |
| Mn | 61749.05 | 0.020 | 847 | 88 | 20 | 30 | 76 | 232.2 | 682.1 |

**********
Statistics for Trav 270 FLT 60 Day 309
**********

Start Time 16:36:13 Start East 567742 Start Nrth 5403574
End Time 16:37:52 End East 570346 End Nrth 5403603

Elaps Time 00:01:39 Line Length = 2.604 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61743.55 | 0.000 | 382 | 26 | 4 | 12 | 60 | 159.0 | 586.0 |
| Max | 61753.86 | 0.081 | 1137 | 141 | 29 | 50 | 98 | 399.0 | 750.0 |
| Mn | 61749.33 | 0.020 | 710 | 72 | 17 | 26 | 77 | 242.3 | 707.2 |

**********
Statistics for Trav 271 FLT 60 Day 309
**********

Start Time 16:38:19 Start East 567608 Start Nrth 5403388
End Time 16:39:48 End East 570432 End Nrth 5403408

Elaps Time 00:01:29 Line Length = 2.824 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61742.96 | 0.000 | 353 | 24 | 7 | 10 | 58 | 170.0 | 606.0 |
| Max | 61754.30 | 0.150 | 1355 | 155 | 36 | 51 | 100 | 290.0 | 750.0 |
| Mn | 61747.85 | 0.022 | 769 | 79 | 19 | 27 | 76 | 215.7 | 701.4 |

**********
Statistics for Trav 272 FLT 60 Day 309
**********

Start Time 16:40:20 Start East 567679 Start Nrth 5403176
End Time 16:42:09 End East 570579 End Nrth 5403206

Elaps Time 00:01:49 Line Length = 2.900 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61746.23 | 0.000 | 359 | 28 | 6 | 8 | 59 | 162.0 | 670.4 |
| Max | 61756.72 | 0.111 | 1220 | 164 | 36 | 53 | 100 | 276.0 | 747.0 |
| Mn | 61749.84 | 0.019 | 678 | 71 | 18 | 25 | 76 | 218.2 | 717.3 |

**********
Statistics for Trav 273 FLT 60 Day 309
**********

Start Time 16:42:37 Start East 567598 Start Nrth 5402991
End Time 16:43:56 End East 570234 End Nrth 5403008

Elaps Time 00:01:19 Line Length = 2.636 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61741.98 | 0.000 | 339 | 20 | 9 | 11 | 56 | 165.0 | 623.0 |
| Max | 61754.43 | 0.086 | 1471 | 184 | 40 | 66 | 97 | 305.0 | 741.0 |
| Mn | 61747.69 | 0.020 | 828 | 85 | 20 | 30 | 77 | 207.4 | 703.6 |

**********
Statistics for Trav 274 FLT 60 Day 309
**********

Start Time 16:44:28 Start East 567756 Start Nrth 5402788
End Time 16:46:02 End East 570557 End Nrth 5402806

Elaps Time 00:01:34 Line Length = 2.801 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61747.37 | 0.000 | 409 | 22 | 7 | 10 | 53 | 172.0 | 646.0 |
| Max | 61755.61 | 0.077 | 1596 | 207 | 40 | 61 | 107 | 402.0 | 737.0 |
| Mn | 61750.34 | 0.019 | 727 | 74 | 18 | 26 | 79 | 227.9 | 715.8 |

**********
Statistics for Trav 275 FLT 60 Day 309
**********

Start Time 16:46:31 Start East 567609 Start Nrth 5402588
End Time 16:47:45 End East 570280 End Nrth 5402605

Elaps Time 00:01:14 Line Length = 2.671 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61747.06 | 0.000 | 421 | 38 | 9 | 9 | 58 | 192.0 | 711.0 |
| Max | 61758.03 | 0.080 | 1331 | 159 | 33 | 55 | 91 | 324.0 | 768.0 |
| Mn | 61749.81 | 0.021 | 823 | 88 | 20 | 29 | 75 | 229.4 | 741.0 |

**********
Statistics for Trav 276 FLT 60 Day 309
**********

Start Time 16:48:32 Start East 567706 Start Nrth 5402389
End Time 16:50:01 End East 570438 End Nrth 5402406

Elaps Time 00:01:29 Line Length = 2.732 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61745.27 | 0.000 | 414 | 32 | 6 | 3 | 57 | 181.0 | 699.4 |
| Max | 61756.94 | 0.072 | 1057 | 131 | 31 | 45 | 99 | 317.0 | 791.0 |
| Mn | 61749.55 | 0.019 | 660 | 69 | 16 | 23 | 77 | 222.4 | 758.0 |

**********
Statistics for Trav 277 FLT 60 Day 309
**********

Start Time 16:50:51 Start East 567326 Start Nrth 5402109
End Time 16:52:50 End East 570501 End Nrth 5402743

Elaps Time 00:01:59 Line Length = 3.238 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61741.05 | 0.000 | 434 | 33 | 5 | 9 | 59 | 197.0 | 736.0 |
| Max | 61753.28 | 1.360 | 1140 | 131 | 30 | 45 | 99 | 621.0 | 795.0 |
| Mn | 61747.82 | 0.023 | 706 | 74 | 16 | 25 | 78 | 325.2 | 762.8 |

**********
Statistics for Trav 278 FLT 60 Day 309
**********

Start Time 16:53:17 Start East 567671 Start Nrth 5401990
End Time 16:54:46 End East 570588 End Nrth 5402005

Elaps Time 00:01:29 Line Length = 2.917 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61737.19 | 0.000 | 397 | 30 | 4 | 6 | 59 | 172.0 | 746.4 |
| Max | 61759.11 | 0.085 | 835 | 106 | 28 | 41 | 102 | 279.0 | 831.0 |
| Mn | 61744.41 | 0.021 | 532 | 55 | 13 | 18 | 79 | 224.6 | 792.3 |

**********
Statistics for Trav 279 FLT 60 Day 309
**********

Start Time 16:55:10 Start East 567730 Start Nrth 5401782
End Time 16:56:24 End East 570444 End Nrth 5401809

Elaps Time 00:01:14 Line Length = 2.714 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61728.53 | 0.000 | 389 | 31 | 6 | 6 | 64 | 188.0 | 783.0 |
| Max | 61749.78 | 0.102 | 670 | 78 | 25 | 37 | 96 | 275.0 | 894.0 |
| Mn | 61739.28 | 0.024 | 512 | 53 | 14 | 18 | 80 | 230.3 | 833.9 |

**********
Statistics for Trav 280 FLT 60 Day 309
**********

Start Time 16:56:53 Start East 567759 Start Nrth 5401583
End Time 16:58:27 End East 570573 End Nrth 5401608

Elaps Time 00:01:34 Line Length = 2.814 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61717.71 | 0.000 | 316 | 27 | 1 | 6 | 62 | 153.0 | 798.0 |
| Max | 61767.82 | 0.074 | 669 | 74 | 22 | 31 | 102 | 314.0 | 943.0 |
| Mn | 61736.54 | 0.020 | 459 | 47 | 12 | 15 | 81 | 225.2 | 880.6 |

**********

Statistics for Trav 281 FLT 60 Day 309

**********

Start Time 16:58:53 Start East 567678 Start Nrth 5401382
End Time 17:00:07 End East 570235 End Nrth 5401407

Elaps Time 00:01:14 Line Length = 2.557 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61714.81 | 0.000 | 311 | 25 | 3 | 5 | 55 | 185.0 | 797.0 |
| Max | 61823.75 | 0.098 | 753 | 80 | 27 | 34 | 111 | 279.0 | 987.0 |
| Mn | 61743.01 | 0.020 | 477 | 49 | 12 | 16 | 81 | 234.1 | 905.7 |

**********

Statistics for Trav 282 FLT 60 Day 309

**********

Start Time 17:00:41 Start East 567764 Start Nrth 5401181
End Time 17:02:10 End East 570396 End Nrth 5401203

Elaps Time 00:01:29 Line Length = 2.632 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61672.38 | 0.000 | 312 | 28 | 3 | 2 | 64 | 176.8 | 0.2 |
| Max | 61855.91 | 0.104 | 961 | 124 | 27 | 30 | 113 | 311.0 | 999.8 |
| Mn | 61748.24 | 0.023 | 460 | 52 | 12 | 14 | 85 | 229.9 | 709.8 |

**********

Statistics for Trav 283 FLT 60 Day 309

**********

Start Time 17:02:42 Start East 567661 Start Nrth 5400976
End Time 17:04:01 End East 570270 End Nrth 5401007

Elaps Time 00:01:19 Line Length = 2.609 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61658.78 | 0.000 | 303 | 27 | 4 | 4 | 49 | 188.0 | 1.6 |
| Max | 61970.44 | 0.101 | 1074 | 135 | 29 | 43 | 102 | 361.0 | 999.8 |
| Mn | 61795.57 | 0.022 | 523 | 58 | 13 | 17 | 82 | 231.1 | 473.2 |

**********

Statistics for Trav 284 FLT 60 Day 309

**********

Start Time 17:04:37 Start East 567582 Start Nrth 5400785
End Time 17:06:51 End East 570530 End Nrth 5400815

Elaps Time 00:02:14 Line Length = 2.948 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61658.64 | 0.000 | 341 | 30 | 5 | 3 | 67 | 167.0 | 0.6 |
| Max | 62485.00 | 0.179 | 1090 | 130 | 32 | 42 | 116 | 393.0 | 999.6 |
| Mn | 61874.23 | 0.021 | 504 | 57 | 12 | 16 | 87 | 254.8 | 458.7 |

**********

Statistics for Trav 285 FLT 60 Day 309

**********

Start Time 17:07:17 Start East 567684 Start Nrth 5400593
End Time 17:09:01 End East 570318 End Nrth 5400610

Elaps Time 00:01:44 Line Length = 2.634 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61571.24 | 0.000 | 352 | 32 | 5 | 5 | 62 | 192.0 | 0.6 |
| Max | 62569.07 | 0.242 | 1099 | 134 | 30 | 44 | 113 | 377.0 | 998.8 |
| Mn | 61840.78 | 0.026 | 474 | 51 | 12 | 15 | 87 | 251.3 | 418.2 |

**********

Statistics for Trav 286 FLT 60 Day 309

**********

Start Time 17:09:44 Start East 567801 Start Nrth 5400392
End Time 17:11:33 End East 570379 End Nrth 5400413

Elaps Time 00:01:49 Line Length = 2.578 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61381.56 | 0.000 | 390 | 30 | 4 | 6 | 61 | 191.0 | 0.0 |
| Max | 61761.57 | 0.277 | 578 | 76 | 20 | 26 | 108 | 297.0 | 999.6 |
| Mn | 61632.93 | 0.024 | 452 | 47 | 12 | 13 | 85 | 229.3 | 463.5 |

Statistics for Trav 287 FLT 60 Day 309

**********

Start Time 17:12:04 Start East 567549 Start Nrth 5400181
End Time 17:13:33 End East 570368 End Nrth 5400209

Elaps Time 00:01:29 Line Length = 2.819 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61622.91 | 0.000 | 348 | 31 | 3 | 1 | 58 | 197.0 | 0.0 |
| Max | 61769.97 | 0.081 | 1221 | 150 | 35 | 45 | 102 | 395.0 | 999.0 |
| Mn | 61716.38 | 0.023 | 518 | 56 | 12 | 16 | 82 | 233.8 | 698.3 |

**********

Statistics for Trav 288 FLT 60 Day 309

**********

Start Time 17:13:58 Start East 567597 Start Nrth 5399990
End Time 17:15:42 End East 570406 End Nrth 5400020

Elaps Time 00:01:44 Line Length = 2.809 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61712.89 | 0.000 | 388 | 34 | 5 | 1 | 61 | 167.6 | 0.0 |
| Max | 61767.05 | 0.090 | 1077 | 132 | 29 | 41 | 111 | 354.0 | 999.4 |
| Mn | 61742.04 | 0.021 | 504 | 55 | 13 | 17 | 82 | 235.8 | 707.8 |

**********

Statistics for Trav 289 FLT 60 Day 309

**********

Start Time 17:16:13 Start East 567538 Start Nrth 5399788
End Time 17:17:47 End East 570539 End Nrth 5399810

Elaps Time 00:01:34 Line Length = 3.001 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61739.74 | 0.000 | 361 | 28 | 2 | 6 | 60 | 173.0 | 0.8 |
| Max | 61765.87 | 0.089 | 940 | 113 | 27 | 30 | 114 | 305.0 | 999.6 |
| Mn | 61754.91 | 0.020 | 471 | 49 | 12 | 16 | 85 | 238.2 | 685.3 |

**********
Statistics for Trav 290 FLT 60 Day 309
**********

Start Time 17:18:28 Start East 567643 Start Nrth 5399586
End Time 17:20:12 End East 570514 End Nrth 5399619

Elaps Time 00:01:44 Line Length = 2.871 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61738.06 | 0.000 | 350 | 31 | 4 | 6 | 64 | 186.0 | 0.6 |
| Max | 61776.76 | 0.074 | 887 | 100 | 27 | 29 | 112 | 368.0 | 999.4 |
| Mn | 61759.73 | 0.020 | 464 | 50 | 12 | 15 | 82 | 258.7 | 680.8 |

**********
Statistics for Trav 291 FLT 60 Day 309
**********

Start Time 17:20:45 Start East 567699 Start Nrth 5399380
End Time 17:22:18 End East 570326 End Nrth 5399410

Elaps Time 00:01:33 Line Length = 2.627 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61758.50 | 0.000 | 396 | 33 | 6 | 7 | 56 | 176.0 | 0.0 |
| Max | 61767.90 | 0.072 | 972 | 128 | 27 | 42 | 109 | 312.0 | 998.4 |
| Mn | 61764.50 | 0.018 | 619 | 68 | 15 | 20 | 78 | 233.1 | 756.8 |

**********
Statistics for Trav 292 FLT 60 Day 309
**********

Start Time 17:22:59 Start East 567710 Start Nrth 5399183
End Time 17:24:58 End East 570750 End Nrth 5399207

Elaps Time 00:01:59 Line Length = 3.040 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61756.73 | 0.000 | 362 | 32 | 4 | 8 | 59 | 162.0 | 0.2 |
| Max | 61776.48 | 0.067 | 1224 | 166 | 33 | 48 | 103 | 344.0 | 999.6 |
| Mn | 61768.70 | 0.018 | 689 | 77 | 16 | 22 | 80 | 245.0 | 670.9 |

**********

Statistics for Trav 293 FLT 60 Day 309

**********

Start Time 17:25:38 Start East 567567 Start Nrth 5398987
End Time 17:27:17 End East 570412 End Nrth 5399008

Elaps Time 00:01:39 Line Length = 2.845 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61765.72 | 0.000 | 427 | 34 | 8 | 8 | 57 | 162.0 | 626.0 |
| Max | 61781.58 | 0.087 | 1091 | 137 | 31 | 38 | 106 | 332.0 | 937.0 |
| Mn | 61771.68 | 0.018 | 674 | 73 | 16 | 22 | 78 | 241.8 | 752.9 |

**********

Statistics for Trav 294 FLT 60 Day 309

**********

Start Time 17:28:11 Start East 567818 Start Nrth 5398794
End Time 17:29:40 End East 570397 End Nrth 5398806

Elaps Time 00:01:29 Line Length = 2.579 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61770.01 | 0.000 | 441 | 37 | 6 | 7 | 58 | 191.0 | 691.0 |
| Max | 61780.27 | 0.078 | 971 | 131 | 29 | 44 | 113 | 352.0 | 898.8 |
| Mn | 61775.00 | 0.019 | 623 | 65 | 15 | 21 | 80 | 268.2 | 766.8 |

**********

Statistics for Trav 295 FLT 60 Day 309

**********

Start Time 17:30:19 Start East 567693 Start Nrth 5398592
End Time 17:31:28 End East 570260 End Nrth 5398607

Elaps Time 00:01:09 Line Length = 2.567 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61770.50 | 0.000 | 387 | 29 | 8 | 10 | 60 | 179.0 | 744.0 |
| Max | 61784.17 | 0.063 | 640 | 81 | 22 | 28 | 100 | 315.0 | 836.0 |
| Mn | 61776.91 | 0.017 | 520 | 51 | 14 | 18 | 79 | 235.0 | 768.6 |

**********

Statistics for Trav 296 FLT 60 Day 309

**********

Start Time 17:32:12 Start East 567662 Start Nrth 5398392
End Time 17:33:46 End East 570582 End Nrth 5398405

Elaps Time 00:01:34 Line Length = 2.920 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61769.44 | 0.000 | 417 | 26 | 6 | 6 | 55 | 179.0 | 740.0 |
| Max | 61789.63 | 0.063 | 734 | 90 | 25 | 30 | 101 | 317.0 | 809.0 |
| Mn | 61779.86 | 0.019 | 519 | 56 | 13 | 17 | 79 | 229.6 | 776.7 |

**********

Statistics for Trav 297 FLT 63 Day 311

**********

Start Time 10:40:37 Start East 567684 Start Nrth 5398198
End Time 10:42:20 End East 570309 End Nrth 5398206

Elaps Time 00:01:43 Line Length = 2.625 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61739.66 | 0.000 | 409 | 33 | 4 | 6 | 57 | 178.0 | 735.0 |
| Max | 61778.93 | 0.085 | 651 | 99 | 27 | 34 | 102 | 323.2 | 830.0 |
| Mn | 61753.31 | 0.022 | 520 | 54 | 14 | 18 | 78 | 238.6 | 777.1 |

**********

Statistics for Trav 298 FLT 63 Day 311

**********

Start Time 10:42:50 Start East 567425 Start Nrth 5397986
End Time 10:44:14 End East 570330 End Nrth 5398010

Elaps Time 00:01:24 Line Length = 2.905 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61736.91 | 0.000 | 311 | 28 | 4 | 4 | 62 | 174.0 | 713.0 |
| Max | 61830.08 | 0.157 | 796 | 105 | 24 | 31 | 104 | 327.0 | 868.0 |
| Mn | 61769.25 | 0.025 | 491 | 55 | 12 | 15 | 80 | 248.8 | 796.4 |

**********
Statistics for Trav 299 FLT 63 Day 311
**********

Start Time 10:44:51 Start East 567341 Start Nrth 5397791
End Time 10:47:05 End East 570465 End Nrth 5397813

Elaps Time 00:02:14 Line Length = 3.124 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61715.16 | 0.000 | 304 | 28 | 2 | 6 | 54 | 159.0 | 678.0 |
| Max | 61793.89 | 0.115 | 941 | 114 | 31 | 35 | 104 | 317.0 | 904.0 |
| Mn | 61753.78 | 0.020 | 541 | 58 | 13 | 18 | 80 | 217.1 | 802.4 |

**********
Statistics for Trav 300 FLT 63 Day 311
**********

Start Time 10:47:31 Start East 567217 Start Nrth 5397587
End Time 10:49:15 End East 570435 End Nrth 5397612

Elaps Time 00:01:44 Line Length = 3.218 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61681.47 | 0.000 | 311 | 27 | 4 | 2 | 55 | 195.0 | 687.0 |
| Max | 61771.44 | 0.141 | 878 | 104 | 26 | 34 | 106 | 568.0 | 969.0 |
| Mn | 61744.23 | 0.024 | 442 | 48 | 11 | 14 | 81 | 306.2 | 854.8 |

**********
Statistics for Trav 301 FLT 63 Day 311
**********

Start Time 10:49:47 Start East 567671 Start Nrth 5397388
End Time 10:52:11 End East 570614 End Nrth 5397412

Elaps Time 00:02:24 Line Length = 2.943 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61720.55 | 0.000 | 288 | 22 | 2 | 3 | 55 | 159.0 | 0.0 |
| Max | 62075.53 | 0.094 | 1064 | 143 | 29 | 40 | 110 | 315.0 | 999.2 |
| Mn | 61792.45 | 0.018 | 534 | 59 | 13 | 17 | 81 | 230.5 | 618.9 |

# APPENDIX 7

## DATA STATISTICS

## Flight Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Fingal |
| Area: | 1 |
| Traverse Lines: | 302 - 403 |

**********

Statistics for Trav 302 FLT 63 Day 311

**********

Start Time 10:52:35 Start East 567621 Start Nrth 5397186
End Time 10:54:09 End East 570554 End Nrth 5397233

Elaps Time 00:01:34 Line Length = 2.933 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61687.83 | 0.000 | 251 | 20 | 2 | 5 | 60 | 198.0 | 0.1 |
| Max | 62031.77 | 0.114 | 630 | 71 | 19 | 24 | 101 | 673.0 | 999.8 |
| Mn | 61828.46 | 0.022 | 365 | 40 | 9 | 11 | 83 | 405.7 | 459.2 |

**********

Statistics for Trav 303 FLT 63 Day 311

**********

Start Time 10:54:41 Start East 567549 Start Nrth 5396995
End Time 10:56:50 End East 570638 End Nrth 5397022

Elaps Time 00:02:09 Line Length = 3.089 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61631.88 | 0.000 | 272 | 20 | 3 | 2 | 55 | 172.0 | 0.4 |
| Max | 61950.97 | 0.094 | 992 | 123 | 28 | 38 | 108 | 367.0 | 999.1 |
| Mn | 61769.24 | 0.019 | 512 | 56 | 12 | 16 | 81 | 250.0 | 576.9 |

**********

Statistics for Trav 304 FLT 63 Day 311

**********

Start Time 10:57:20 Start East 567517 Start Nrth 5396787
End Time 10:58:44 End East 570369 End Nrth 5396810

Elaps Time 00:01:24 Line Length = 2.852 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61656.55 | 0.000 | 294 | 24 | 1 | 3 | 63 | 209.0 | 0.0 |
| Max | 61891.19 | 0.199 | 700 | 84 | 28 | 30 | 109 | 591.0 | 999.0 |
| Mn | 61741.53 | 0.026 | 399 | 44 | 11 | 12 | 82 | 301.1 | 613.7 |

**********

Statistics for Trav 305 FLT 63 Day 311

**********

Start Time 10:59:26 Start East 567665 Start Nrth 5396592
End Time 11:01:10 End East 570358 End Nrth 5396608

Elaps Time 00:01:44 Line Length = 2.693 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61683.40 | 0.000 | 296 | 22 | 3 | 5 | 57 | 173.0 | 631.4 |
| Max | 61774.54 | 0.083 | 848 | 101 | 28 | 31 | 100 | 432.0 | 982.0 |
| Mn | 61745.91 | 0.019 | 487 | 53 | 12 | 15 | 79 | 237.4 | 814.5 |

**********

Statistics for Trav 306 FLT 63 Day 311

**********

Start Time 11:01:42 Start East 567674 Start Nrth 5396373
End Time 11:03:06 End East 570388 End Nrth 5396407

Elaps Time 00:01:24 Line Length = 2.714 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61733.34 | 0.000 | 362 | 30 | 2 | 7 | 56 | 201.0 | 620.0 |
| Max | 61770.78 | 0.100 | 755 | 87 | 23 | 30 | 114 | 525.0 | 955.6 |
| Mn | 61755.28 | 0.023 | 487 | 50 | 11 | 16 | 78 | 294.5 | 799.3 |

**********

Statistics for Trav 307 FLT 63 Day 311

**********

Start Time 11:03:56 Start East 567663 Start Nrth 5396191
End Time 11:05:40 End East 570484 End Nrth 5396204

Elaps Time 00:01:44 Line Length = 2.821 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61754.85 | 0.000 | 448 | 37 | 5 | 10 | 55 | 179.0 | 543.0 |
| Max | 61771.99 | 0.115 | 944 | 130 | 28 | 36 | 102 | 345.0 | 916.0 |
| Mn | 61764.51 | 0.021 | 629 | 69 | 16 | 20 | 75 | 229.1 | 730.1 |

**********

Statistics for Trav 308 FLT 63 Day 311

**********

Start Time 11:32:29 Start East 567736 Start Nrth 5395987
End Time 11:34:23 End East 570559 End Nrth 5396003

Elaps Time 00:01:54 Line Length = 2.823 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61763.26 | 0.000 | 480 | 41 | 7 | 11 | 54 | 167.0 | 506.0 |
| Max | 61772.92 | 0.081 | 1016 | 128 | 31 | 45 | 101 | 333.0 | 886.0 |
| Mn | 61769.05 | 0.019 | 732 | 83 | 17 | 22 | 75 | 221.3 | 687.8 |

**********

Statistics for Trav 309 FLT 63 Day 311

**********

Start Time 11:35:07 Start East 567654 Start Nrth 5395767
End Time 11:36:21 End East 570333 End Nrth 5395808

Elaps Time 00:01:14 Line Length = 2.679 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61767.40 | 0.000 | 494 | 42 | 5 | 9 | 60 | 204.0 | 595.0 |
| Max | 61772.78 | 0.106 | 746 | 105 | 24 | 36 | 96 | 412.0 | 855.4 |
| Mn | 61770.82 | 0.023 | 603 | 63 | 15 | 19 | 75 | 283.5 | 721.8 |

**********

Statistics for Trav 310 FLT 63 Day 311

**********

Start Time 11:37:06 Start East 567581 Start Nrth 5395585
End Time 11:39:05 End East 570525 End Nrth 5395610

Elaps Time 00:01:59 Line Length = 2.944 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61770.55 | 0.000 | 437 | 38 | 6 | 9 | 46 | 156.0 | 571.8 |
| Max | 61775.31 | 0.082 | 907 | 118 | 28 | 38 | 101 | 327.0 | 813.0 |
| Mn | 61773.00 | 0.019 | 654 | 70 | 16 | 21 | 75 | 238.5 | 695.5 |

**********

Statistics for Trav 311 FLT 63 Day 311

**********

Start Time 11:39:26 Start East 567671 Start Nrth 5395392
End Time 11:40:45 End East 570428 End Nrth 5395406

Elaps Time 00:01:19 Line Length = 2.757 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61770.76 | 0.000 | 439 | 41 | 8 | 8 | 63 | 189.0 | 644.0 |
| Max | 61775.82 | 0.099 | 891 | 103 | 35 | 34 | 96 | 416.0 | 764.0 |
| Mn | 61773.81 | 0.022 | 629 | 66 | 17 | 20 | 78 | 260.7 | 702.6 |

**********

Statistics for Trav 312 FLT 63 Day 311

**********

Start Time 11:41:16 Start East 567552 Start Nrth 5395189
End Time 11:43:10 End East 570564 End Nrth 5395211

Elaps Time 00:01:54 Line Length = 3.012 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61772.05 | 0.000 | 379 | 35 | 7 | 7 | 47 | 160.0 | 581.0 |
| Max | 61777.89 | 0.085 | 998 | 139 | 29 | 38 | 94 | 344.0 | 777.0 |
| Mn | 61774.78 | 0.018 | 691 | 77 | 17 | 22 | 74 | 231.2 | 674.2 |

**********

Statistics for Trav 313 FLT 63 Day 311

**********

Start Time 11:43:28 Start East 567646 Start Nrth 5394995
End Time 11:44:42 End East 570377 End Nrth 5395011

Elaps Time 00:01:14 Line Length = 2.731 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61771.83 | 0.000 | 481 | 34 | 6 | 9 | 58 | 193.0 | 620.3 |
| Max | 61777.92 | 0.111 | 820 | 105 | 27 | 33 | 99 | 519.0 | 734.4 |
| Mn | 61775.33 | 0.024 | 631 | 67 | 16 | 19 | 76 | 279.4 | 684.9 |

**********

Statistics for Trav 314 FLT 63 Day 311

**********

Start Time 11:45:17 Start East 567618 Start Nrth 5394791
End Time 11:47:01 End East 570502 End Nrth 5394807

Elaps Time 00:01:44 Line Length = 2.884 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61774.21 | 0.000 | 445 | 26 | 7 | 9 | 52 | 146.0 | 535.0 |
| Max | 61780.15 | 0.094 | 1051 | 126 | 35 | 43 | 96 | 331.0 | 731.0 |
| Mn | 61777.31 | 0.020 | 763 | 84 | 18 | 24 | 74 | 225.0 | 646.9 |

**********

Statistics for Trav 315 FLT 63 Day 311

**********

Start Time 11:47:17 Start East 567671 Start Nrth 5394588
End Time 11:48:26 End East 570299 End Nrth 5394609

Elaps Time 00:01:09 Line Length = 2.628 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61774.96 | 0.000 | 500 | 36 | 9 | 12 | 51 | 198.0 | 581.0 |
| Max | 61780.81 | 0.104 | 876 | 120 | 26 | 35 | 98 | 535.0 | 714.0 |
| Mn | 61777.97 | 0.027 | 659 | 71 | 17 | 22 | 74 | 273.8 | 671.9 |

**********

Statistics for Trav 316 FLT 63 Day 311

**********

Start Time 11:49:08 Start East 567721 Start Nrth 5394392
End Time 11:50:47 End East 570575 End Nrth 5394410

Elaps Time 00:01:39 Line Length = 2.854 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61774.69 | 0.000 | 466 | 37 | 8 | 10 | 52 | 168.0 | 478.2 |
| Max | 61790.30 | 0.099 | 1062 | 137 | 28 | 48 | 91 | 318.0 | 705.0 |
| Mn | 61780.17 | 0.020 | 728 | 81 | 17 | 23 | 74 | 225.0 | 634.5 |

**********

Statistics for Trav 317 FLT 63 Day 311

**********

Start Time 11:51:07 Start East 567698 Start Nrth 5394188
End Time 11:52:26 End East 570413 End Nrth 5394214

Elaps Time 00:01:19 Line Length = 2.715 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61775.12 | 0.000 | 418 | 41 | 7 | 7 | 56 | 171.0 | 587.0 |
| Max | 61787.00 | 0.113 | 1013 | 123 | 24 | 36 | 96 | 393.0 | 697.0 |
| Mn | 61780.83 | 0.022 | 659 | 75 | 15 | 21 | 76 | 254.8 | 656.3 |

**********

Statistics for Trav 318 FLT 63 Day 311

**********

Start Time 11:53:03 Start East 567713 Start Nrth 5393988
End Time 11:54:42 End East 570616 End Nrth 5394005

Elaps Time 00:01:39 Line Length = 2.903 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61775.24 | 0.000 | 465 | 37 | 3 | 8 | 55 | 179.0 | 557.0 |
| Max | 61786.73 | 0.104 | 1033 | 120 | 30 | 38 | 94 | 419.0 | 704.0 |
| Mn | 61781.14 | 0.018 | 669 | 74 | 16 | 20 | 73 | 244.7 | 639.0 |

**********

Statistics for Trav 319 FLT 63 Day 311

**********

Start Time 11:55:05 Start East 567616 Start Nrth 5393793
End Time 11:56:29 End East 570422 End Nrth 5393809

Elaps Time 00:01:24 Line Length = 2.806 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61774.52 | 0.000 | 351 | 25 | 3 | 8 | 55 | 165.0 | 533.0 |
| Max | 61788.37 | 0.137 | 917 | 124 | 29 | 40 | 94 | 419.0 | 682.0 |
| Mn | 61782.32 | 0.022 | 650 | 72 | 15 | 20 | 73 | 260.9 | 640.7 |

**********

Statistics for Trav 320 FLT 63 Day 311

**********

Start Time 11:57:01 Start East 567615 Start Nrth 5393582
End Time 11:58:40 End East 570457 End Nrth 5393604

Elaps Time 00:01:39 Line Length = 2.842 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61777.96 | 0.000 | 395 | 33 | 6 | 4 | 53 | 154.0 | 487.0 |
| Max | 61791.24 | 0.066 | 1035 | 130 | 35 | 43 | 103 | 510.0 | 674.0 |
| Mn | 61784.20 | 0.017 | 695 | 76 | 16 | 22 | 74 | 243.2 | 612.0 |

**********

Statistics for Trav 321 FLT 63 Day 311

**********

Start Time 11:59:00 Start East 567628 Start Nrth 5393389
End Time 12:00:24 End East 570414 End Nrth 5393413

Elaps Time 00:01:24 Line Length = 2.786 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61779.31 | 0.000 | 345 | 29 | 6 | 9 | 52 | 176.0 | 517.0 |
| Max | 61796.33 | 0.087 | 1081 | 135 | 32 | 45 | 99 | 437.0 | 671.0 |
| Mn | 61786.15 | 0.020 | 716 | 78 | 16 | 22 | 71 | 252.7 | 600.9 |

**********

Statistics for Trav 322 FLT 63 Day 311

**********

Start Time 12:00:57 Start East 567634 Start Nrth 5393192
End Time 12:02:41 End East 570509 End Nrth 5393217

Elaps Time 00:01:44 Line Length = 2.875 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61781.11 | 0.000 | 466 | 38 | 5 | 7 | 54 | 179.0 | 555.0 |
| Max | 61793.31 | 0.090 | 947 | 109 | 28 | 39 | 98 | 531.0 | 675.0 |
| Mn | 61786.31 | 0.021 | 652 | 69 | 16 | 21 | 72 | 258.4 | 626.2 |

**********

Statistics for Trav 323 FLT 63 Day 311

**********

Start Time 12:03:18 Start East 567679 Start Nrth 5392786
End Time 12:03:22 End East 567868 End Nrth 5393021

Elaps Time 00:00:04 Line Length = 0.302 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61792.91 | 0.000 | 612 | 64 | 7 | 18 | 76 | 288.0 | 693.8 |
| Max | 61793.48 | 0.080 | 685 | 77 | 21 | 31 | 88 | 311.0 | 697.0 |
| Mn | 61793.21 | 0.026 | 637 | 67 | 12 | 22 | 84 | 298.8 | 696.2 |

**********

Statistics for Trav 323 FLT 63 Day 311

**********

Start Time 12:03:54 Start East 567628 Start Nrth 5392987
End Time 12:05:18 End East 570390 End Nrth 5393009

Elaps Time 00:01:24 Line Length = 2.762 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61781.19 | 0.000 | 468 | 39 | 6 | 7 | 55 | 182.0 | 566.0 |
| Max | 61794.74 | 0.087 | 818 | 99 | 26 | 33 | 94 | 566.0 | 697.0 |
| Mn | 61787.14 | 0.021 | 602 | 65 | 15 | 19 | 74 | 290.7 | 648.3 |

**********

Statistics for Trav 324 FLT 63 Day 311

**********

Start Time 12:06:01 Start East 567722 Start Nrth 5392787
End Time 12:07:45 End East 570574 End Nrth 5392804

Elaps Time 00:01:44 Line Length = 2.852 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61782.92 | 0.000 | 497 | 46 | 4 | 10 | 53 | 179.0 | 518.0 |
| Max | 61796.48 | 0.135 | 897 | 113 | 27 | 34 | 95 | 476.0 | 686.0 |
| Mn | 61788.48 | 0.023 | 670 | 73 | 16 | 21 | 71 | 250.8 | 611.3 |

**********

Statistics for Trav 325 FLT 63 Day 311

**********

Start Time 12:08:15 Start East 567676 Start Nrth 5392592
End Time 12:09:39 End East 570300 End Nrth 5392612

Elaps Time 00:01:24 Line Length = 2.624 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61784.06 | 0.000 | 510 | 49 | 9 | 10 | 54 | 197.0 | 510.0 |
| Max | 61796.67 | 0.137 | 816 | 120 | 26 | 36 | 99 | 498.0 | 694.8 |
| Mn | 61790.48 | 0.024 | 691 | 78 | 16 | 21 | 72 | 278.7 | 601.3 |

**********

Statistics for Trav 326 FLT 63 Day 311

**********

Start Time 12:10:14 Start East 567658 Start Nrth 5392390
End Time 12:12:13 End East 570577 End Nrth 5392413

Elaps Time 00:01:59 Line Length = 2.919 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61786.99 | 0.000 | 477 | 31 | 4 | 9 | 52 | 170.0 | 473.0 |
| Max | 61798.13 | 0.085 | 817 | 109 | 27 | 33 | 95 | 363.0 | 717.0 |
| Mn | 61791.53 | 0.019 | 646 | 72 | 15 | 20 | 72 | 233.2 | 599.6 |

**********

Statistics for Trav 327 FLT 63 Day 311

**********

Start Time 12:12:39 Start East 567717 Start Nrth 5392159
End Time 12:13:58 End East 570344 End Nrth 5392201

Elaps Time 00:01:19 Line Length = 2.627 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61787.06 | 0.000 | 412 | 44 | 4 | 10 | 54 | 217.0 | 535.0 |
| Max | 61798.23 | 0.176 | 887 | 125 | 27 | 38 | 91 | 653.0 | 710.2 |
| Mn | 61791.92 | 0.022 | 632 | 70 | 14 | 19 | 73 | 318.7 | 611.5 |

**********

Statistics for Trav 328 FLT 63 Day 311

**********

Start Time 12:14:24 Start East 567629 Start Nrth 5391989
End Time 12:16:23 End East 570598 End Nrth 5392008

Elaps Time 00:01:59 Line Length = 2.969 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61787.23 | 0.000 | 532 | 48 | 4 | 11 | 52 | 168.0 | 461.0 |
| Max | 61800.28 | 0.083 | 898 | 113 | 29 | 39 | 92 | 331.0 | 685.0 |
| Mn | 61793.67 | 0.019 | 686 | 78 | 15 | 22 | 72 | 232.5 | 578.9 |

**********

Statistics for Trav 329 FLT 63 Day 311

**********

Start Time 12:16:45 Start East 567572 Start Nrth 5391786
End Time 12:18:09 End East 570433 End Nrth 5391808

Elaps Time 00:01:24 Line Length = 2.861 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61789.51 | 0.000 | 536 | 48 | 6 | 10 | 47 | 169.0 | 430.0 |
| Max | 61802.34 | 0.121 | 985 | 121 | 31 | 36 | 92 | 422.0 | 656.0 |
| Mn | 61796.46 | 0.020 | 733 | 81 | 17 | 23 | 72 | 270.4 | 543.5 |

**********

Statistics for Trav 330 FLT 63 Day 311

**********

Start Time 12:18:49 Start East 567276 Start Nrth 5391553
End Time 12:20:48 End East 570495 End Nrth 5391629

Elaps Time 00:01:59 Line Length = 3.220 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61791.35 | 0.000 | 480 | 40 | 8 | 9 | 47 | 172.0 | 392.0 |
| Max | 61807.15 | 0.102 | 1255 | 155 | 38 | 58 | 89 | 438.0 | 642.0 |
| Mn | 61800.35 | 0.022 | 886 | 99 | 19 | 27 | 68 | 247.5 | 471.6 |

**********

Statistics for Trav 331 FLT 63 Day 311

**********

Start Time 12:21:26 Start East 567386 Start Nrth 5391357
End Time 12:23:15 End East 571517 End Nrth 5391399

Elaps Time 00:01:49 Line Length = 4.131 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61787.17 | 0.000 | 341 | 32 | 7 | 9 | 55 | 180.0 | 412.0 |
| Max | 61808.53 | 0.158 | 1067 | 131 | 33 | 56 | 92 | 829.0 | 660.0 |
| Mn | 61798.04 | 0.025 | 713 | 77 | 17 | 23 | 71 | 354.7 | 526.0 |

**********

Statistics for Trav 332 FLT 63 Day 311

**********

Start Time 12:24:06 Start East 568604 Start Nrth 5391174
End Time 12:25:30 End East 570898 End Nrth 5391402

Elaps Time 00:01:24 Line Length = 2.305 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61793.60 | 0.000 | 578 | 51 | 7 | 9 | 53 | 169.0 | 380.0 |
| Max | 61801.40 | 0.118 | 860 | 105 | 32 | 41 | 97 | 502.0 | 622.0 |
| Mn | 61797.13 | 0.022 | 709 | 78 | 16 | 22 | 70 | 261.2 | 499.1 |

**********

Statistics for Trav 332 FLT 63 Day 311

**********

Start Time 12:26:35 Start East 567657 Start Nrth 5391184
End Time 12:27:44 End East 570272 End Nrth 5391199

Elaps Time 00:01:09 Line Length = 2.615 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61794.08 | 0.000 | 523 | 47 | 7 | 11 | 52 | 190.0 | 460.0 |
| Max | 61808.75 | 0.182 | 821 | 108 | 27 | 35 | 94 | 445.0 | 686.0 |
| Mn | 61800.70 | 0.025 | 674 | 74 | 16 | 21 | 74 | 284.8 | 606.6 |

**********

Statistics for Trav 333 FLT 63 Day 311

**********

Start Time 12:29:30 Start East 567730 Start Nrth 5390984
End Time 12:31:24 End East 570944 End Nrth 5391001

Elaps Time 00:01:54 Line Length = 3.214 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61790.73 | 0.000 | 333 | 28 | 8 | 8 | 46 | 168.0 | 478.0 |
| Max | 61806.87 | 0.105 | 863 | 110 | 29 | 37 | 97 | 761.2 | 689.0 |
| Mn | 61798.30 | 0.026 | 685 | 77 | 16 | 22 | 73 | 278.0 | 602.5 |

**********

Statistics for Trav 334 FLT 63 Day 311

**********

Start Time 12:31:54 Start East 567543 Start Nrth 5390789
End Time 12:33:13 End East 570446 End Nrth 5390803

Elaps Time 00:01:19 Line Length = 2.903 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61794.47 | 0.000 | 609 | 52 | 7 | 12 | 46 | 211.0 | 549.0 |
| Max | 61811.18 | 0.104 | 1104 | 131 | 29 | 44 | 104 | 383.0 | 688.0 |
| Mn | 61800.20 | 0.024 | 778 | 86 | 18 | 24 | 74 | 269.5 | 629.2 |

**********

Statistics for Trav 335 FLT 63 Day 311

**********

Start Time 12:33:52 Start East 567740 Start Nrth 5390590
End Time 12:35:21 End East 570390 End Nrth 5390603

Elaps Time 00:01:29 Line Length = 2.650 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61795.03 | 0.000 | 567 | 40 | 7 | 12 | 53 | 183.0 | 561.2 |
| Max | 61810.62 | 0.089 | 1029 | 121 | 36 | 41 | 94 | 318.0 | 656.2 |
| Mn | 61800.34 | 0.022 | 763 | 83 | 18 | 24 | 73 | 245.4 | 626.4 |

**********

Statistics for Trav 336 FLT 63 Day 311

**********

Start Time 12:35:47 Start East 567641 Start Nrth 5390390
End Time 12:37:06 End East 570548 End Nrth 5390406

Elaps Time 00:01:19 Line Length = 2.907 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61793.22 | 0.000 | 489 | 48 | 7 | 9 | 56 | 214.0 | 552.0 |
| Max | 61812.60 | 0.133 | 954 | 118 | 30 | 39 | 96 | 369.0 | 684.2 |
| Mn | 61800.53 | 0.023 | 688 | 74 | 17 | 22 | 73 | 264.0 | 626.7 |

**********

Statistics for Trav 337 FLT 64 Day 311

**********

Start Time 13:21:03 Start East 564701 Start Nrth 5390111
End Time 13:30:01 End East 584341 End Nrth 5390214

Elaps Time 00:08:58 Line Length = 19.640 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61664.24 | 0.000 | 332 | 24 | 5 | 6 | 44 | 159.0 | 292.0 |
| Max | 61874.80 | 0.176 | 1223 | 148 | 44 | 58 | 101 | 418.0 | 778.0 |
| Mn | 61792.76 | 0.024 | 714 | 75 | 18 | 25 | 69 | 252.3 | 471.9 |

**********

Statistics for Trav 338 FLT 65 Day 312

**********

Start Time 10:12:10 Start East 564465 Start Nrth 5389984
End Time 10:21:48 End East 584912 End Nrth 5390239

Elaps Time 00:09:38 Line Length = 20.449 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61675.43 | 0.000 | 437 | 30 | 7 | 8 | 46 | 169.0 | 293.0 |
| Max | 61881.28 | 0.155 | 1277 | 173 | 48 | 53 | 100 | 496.0 | 760.0 |
| Mn | 61792.04 | 0.020 | 801 | 82 | 24 | 25 | 70 | 252.1 | 465.8 |

**********

Statistics for Trav 339 FLT 65 Day 312

**********

Start Time 10:22:15 Start East 564433 Start Nrth 5389770
End Time 10:29:34 End East 580221 End Nrth 5389807

Elaps Time 00:07:19 Line Length = 15.788 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61740.42 | 0.000 | 453 | 40 | 7 | 7 | 47 | 170.0 | 281.7 |
| Max | 61881.74 | 0.098 | 1370 | 163 | 59 | 61 | 103 | 436.0 | 754.0 |
| Mn | 61805.34 | 0.020 | 849 | 87 | 24 | 26 | 71 | 250.3 | 480.0 |

**********

Statistics for Trav 340 FLT 65 Day 312

**********

Start Time 10:30:11 Start East 564650 Start Nrth 5389578
End Time 10:37:50 End East 580074 End Nrth 5389638

Elaps Time 00:07:39 Line Length = 15.424 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61762.05 | 0.000 | 434 | 28 | 10 | 5 | 46 | 172.0 | 290.5 |
| Max | 61878.87 | 0.275 | 1247 | 151 | 53 | 53 | 104 | 375.0 | 769.0 |
| Mn | 61804.83 | 0.019 | 865 | 88 | 25 | 26 | 70 | 241.2 | 484.4 |

**********

Statistics for Trav 341 FLT 65 Day 312

**********

Start Time 10:38:18 Start East 564394 Start Nrth 5389387
End Time 10:46:07 End East 580071 End Nrth 5389407

Elaps Time 00:07:49 Line Length = 15.677 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61759.30 | 0.000 | 411 | 32 | 7 | 8 | 46 | 185.0 | 285.0 |
| Max | 61878.72 | 0.107 | 1243 | 157 | 48 | 58 | 101 | 400.0 | 758.0 |
| Mn | 61804.87 | 0.023 | 818 | 82 | 24 | 25 | 71 | 258.7 | 491.2 |

**********

Statistics for Trav 342 FLT 65 Day 312

**********

Start Time 10:46:32 Start East 564688 Start Nrth 5389178
End Time 10:54:11 End East 579982 End Nrth 5389250

Elaps Time 00:07:39 Line Length = 15.294 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61746.49 | 0.000 | 390 | 31 | 7 | 7 | 45 | 173.0 | 292.0 |
| Max | 61877.87 | 0.123 | 1208 | 151 | 48 | 52 | 94 | 415.0 | 770.0 |
| Mn | 61805.27 | 0.020 | 805 | 82 | 24 | 25 | 71 | 249.0 | 497.7 |

**********

Statistics for Trav 343 FLT 65 Day 312

**********

Start Time 10:54:46 Start East 564477 Start Nrth 5388972
End Time 11:02:30 End East 579807 End Nrth 5389012

Elaps Time 00:07:44 Line Length = 15.330 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61754.98 | 0.000 | 390 | 26 | 6 | 6 | 45 | 182.0 | 287.0 |
| Max | 61875.17 | 0.128 | 1184 | 155 | 43 | 54 | 102 | 436.0 | 746.0 |
| Mn | 61805.96 | 0.024 | 764 | 78 | 23 | 23 | 71 | 264.9 | 495.3 |

**********

Statistics for Trav 344 FLT 65 Day 312

**********

Start Time 11:03:18 Start East 564706 Start Nrth 5388776
End Time 11:11:22 End East 580102 End Nrth 5388822

Elaps Time 00:08:04 Line Length = 15.396 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61752.39 | 0.000 | 441 | 33 | 7 | 5 | 49 | 179.0 | 272.6 |
| Max | 61873.05 | 0.146 | 1151 | 152 | 47 | 43 | 106 | 444.0 | 744.0 |
| Mn | 61806.04 | 0.019 | 775 | 78 | 23 | 23 | 70 | 249.3 | 485.8 |

**********

Statistics for Trav 345 FLT 65 Day 312

**********

Start Time 11:11:52 Start East 564614 Start Nrth 5388550
End Time 11:20:16 End East 580373 End Nrth 5388611

Elaps Time 00:08:24 Line Length = 15.759 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61726.67 | 0.000 | 403 | 28 | 6 | 6 | 45 | 184.0 | 288.0 |
| Max | 61869.11 | 0.101 | 1269 | 149 | 41 | 54 | 101 | 555.0 | 752.0 |
| Mn | 61802.77 | 0.020 | 792 | 80 | 23 | 24 | 70 | 255.2 | 469.6 |

**********

Statistics for Trav 346 FLT 65 Day 312

**********

Start Time 11:20:39 Start East 564694 Start Nrth 5388382
End Time 11:28:58 End East 580478 End Nrth 5388412

Elaps Time 00:08:19 Line Length = 15.784 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61749.51 | 0.000 | 413 | 36 | 8 | 5 | 45 | 168.0 | 286.7 |
| Max | 61870.44 | 0.082 | 1207 | 148 | 41 | 63 | 97 | 522.0 | 750.1 |
| Mn | 61807.02 | 0.018 | 778 | 78 | 22 | 24 | 71 | 252.1 | 468.4 |

**********

Statistics for Trav 347 FLT 65 Day 312

**********

Start Time 11:29:22 Start East 564477 Start Nrth 5388180
End Time 11:38:11 End East 580265 End Nrth 5388208

Elaps Time 00:08:49 Line Length = 15.788 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61748.92 | 0.000 | 380 | 32 | 7 | 8 | 43 | 170.0 | 280.0 |
| Max | 61862.70 | 0.201 | 1241 | 149 | 42 | 64 | 103 | 620.0 | 755.0 |
| Mn | 61805.22 | 0.020 | 800 | 81 | 23 | 26 | 71 | 261.6 | 460.1 |

**********

Statistics for Trav 348 FLT 65 Day 312

**********

Start Time 11:47:32 Start East 564660 Start Nrth 5387696
End Time 11:57:36 End East 580468 End Nrth 5388014

Elaps Time 00:10:04 Line Length = 15.811 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61739.24 | 0.000 | 378 | 32 | 5 | 6 | 39 | 140.0 | 297.0 |
| Max | 61857.91 | 0.182 | 1255 | 150 | 49 | 51 | 106 | 530.0 | 747.0 |
| Mn | 61803.24 | 0.020 | 753 | 77 | 21 | 24 | 71 | 254.4 | 481.8 |

**********

Statistics for Trav 349 FLT 66 Day 312

**********

Start Time 13:13:13 Start East 564455 Start Nrth 5387788
End Time 13:21:01 End East 580589 End Nrth 5387817

Elaps Time 00:07:48 Line Length = 16.134 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61708.05 | 0.000 | 353 | 25 | 5 | 6 | 46 | 157.0 | 279.0 |
| Max | 61844.97 | 0.170 | 1277 | 161 | 36 | 56 | 107 | 515.0 | 746.0 |
| Mn | 61787.48 | 0.022 | 715 | 75 | 18 | 25 | 70 | 254.8 | 467.9 |

**********

Statistics for Trav 350 FLT 66 Day 312

**********

Start Time 13:21:31 Start East 564573 Start Nrth 5387585
End Time 13:31:45 End East 580764 End Nrth 5387628

Elaps Time 00:10:14 Line Length = 16.191 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61686.74 | 0.000 | 418 | 24 | 4 | 8 | 39 | 131.0 | 283.0 |
| Max | 61844.25 | 0.120 | 1295 | 175 | 37 | 58 | 100 | 456.0 | 724.0 |
| Mn | 61789.26 | 0.020 | 729 | 78 | 18 | 24 | 71 | 238.8 | 469.9 |

**********

Statistics for Trav 351 FLT 66 Day 312

**********

Start Time 13:32:27 Start East 564471 Start Nrth 5387379
End Time 13:41:01 End East 580381 End Nrth 5387427

Elaps Time 00:08:34 Line Length = 15.910 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61691.85 | 0.000 | 371 | 22 | 4 | 2 | 48 | 164.0 | 291.0 |
| Max | 61843.71 | 0.138 | 1298 | 155 | 41 | 67 | 100 | 580.0 | 729.0 |
| Mn | 61787.89 | 0.020 | 670 | 71 | 17 | 22 | 72 | 294.6 | 490.8 |

**********

Statistics for Trav 352 FLT 66 Day 312

**********

Start Time 13:41:37 Start East 564144 Start Nrth 5387179
End Time 13:52:06 End East 580720 End Nrth 5387209

Elaps Time 00:10:29 Line Length = 16.576 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61635.47 | 0.000 | 325 | 30 | 3 | 4 | 43 | 146.0 | 277.0 |
| Max | 61848.00 | 0.112 | 1361 | 169 | 39 | 60 | 106 | 451.0 | 728.0 |
| Mn | 61791.39 | 0.020 | 721 | 77 | 18 | 23 | 71 | 239.8 | 484.7 |

**********

Statistics for Trav 353 FLT 66 Day 312

**********

Start Time 13:52:36 Start East 564229 Start Nrth 5386983
End Time 14:00:55 End East 580283 End Nrth 5387047

Elaps Time 00:08:19 Line Length = 16.054 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61660.06 | 0.000 | 320 | 29 | 3 | 5 | 42 | 150.0 | 292.0 |
| Max | 61897.19 | 0.201 | 1238 | 132 | 37 | 48 | 102 | 575.0 | 740.6 |
| Mn | 61786.86 | 0.023 | 638 | 67 | 16 | 21 | 71 | 285.9 | 487.1 |

**********

Statistics for Trav 354 FLT 66 Day 312

**********

Start Time 14:02:33 Start East 564640 Start Nrth 5386786
End Time 14:11:17 End East 578420 End Nrth 5386814

Elaps Time 00:08:44 Line Length = 13.780 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61696.05 | 0.000 | 337 | 28 | 4 | 7 | 46 | 146.0 | 283.2 |
| Max | 61947.98 | 0.113 | 1199 | 148 | 37 | 56 | 101 | 621.0 | 762.0 |
| Mn | 61803.58 | 0.020 | 710 | 75 | 17 | 23 | 71 | 254.1 | 470.2 |

**********

Statistics for Trav 355 FLT 66 Day 312

**********

Start Time 14:11:36 Start East 564664 Start Nrth 5386548
End Time 14:18:40 End East 578550 End Nrth 5386614

Elaps Time 00:07:04 Line Length = 13.886 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61695.34 | 0.000 | 291 | 26 | 1 | 3 | 47 | 180.0 | 286.0 |
| Max | 61959.37 | 0.107 | 1241 | 165 | 35 | 43 | 105 | 631.0 | 760.0 |
| Mn | 61805.66 | 0.021 | 634 | 67 | 16 | 21 | 70 | 285.2 | 475.7 |

**********

Statistics for Trav 356 FLT 66 Day 312

**********

Start Time 14:20:03 Start East 564676 Start Nrth 5386372
End Time 14:28:52 End East 578316 End Nrth 5386409

Elaps Time 00:08:49 Line Length = 13.640 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61697.51 | 0.000 | 286 | 26 | 3 | 6 | 44 | 155.0 | 282.0 |
| Max | 61996.60 | 0.096 | 1114 | 135 | 36 | 44 | 107 | 424.0 | 760.0 |
| Mn | 61815.20 | 0.020 | 662 | 69 | 17 | 22 | 71 | 242.3 | 467.5 |

**********

Statistics for Trav 357 FLT 66 Day 312

**********

Start Time 14:29:14 Start East 564655 Start Nrth 5386180
End Time 14:36:08 End East 578372 End Nrth 5386210

Elaps Time 00:06:54 Line Length = 13.717 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61697.68 | 0.000 | 268 | 27 | 3 | 6 | 46 | 187.0 | 284.0 |
| Max | 61939.53 | 0.251 | 1009 | 136 | 39 | 49 | 105 | 653.0 | 735.0 |
| Mn | 61811.33 | 0.022 | 618 | 65 | 16 | 20 | 72 | 295.7 | 477.4 |

**********

Statistics for Trav 358 FLT 66 Day 312

**********

Start Time 14:36:35 Start East 564581 Start Nrth 5385972
End Time 14:45:19 End East 578454 End Nrth 5386011

Elaps Time 00:08:44 Line Length = 13.873 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61667.94 | 0.000 | 253 | 21 | 1 | 2 | 49 | 136.0 | 286.0 |
| Max | 61946.15 | 0.096 | 1013 | 137 | 38 | 45 | 104 | 692.0 | 713.4 |
| Mn | 61808.57 | 0.019 | 651 | 68 | 16 | 22 | 72 | 284.2 | 475.1 |

**********

Statistics for Trav 359 FLT 66 Day 312

**********

Start Time 14:45:39 Start East 564803 Start Nrth 5385729
End Time 14:52:18 End East 578449 End Nrth 5385813

Elaps Time 00:06:39 Line Length = 13.646 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61710.44 | 0.000 | 287 | 23 | 3 | 4 | 43 | 186.0 | 284.0 |
| Max | 61914.81 | 0.141 | 1100 | 142 | 43 | 43 | 98 | 566.0 | 762.0 |
| Mn | 61811.74 | 0.022 | 637 | 66 | 16 | 21 | 72 | 286.8 | 480.9 |

**********

Statistics for Trav 360 FLT 66 Day 312

**********

Start Time 14:52:42 Start East 564624 Start Nrth 5385565
End Time 15:00:36 End East 578433 End Nrth 5385608

Elaps Time 00:07:54 Line Length = 13.809 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61742.51 | 0.000 | 235 | 19 | 2 | 2 | 38 | 167.0 | 278.6 |
| Max | 62217.83 | 0.114 | 1056 | 138 | 39 | 48 | 103 | 815.0 | 785.8 |
| Mn | 61818.77 | 0.020 | 657 | 69 | 17 | 22 | 72 | 305.0 | 486.1 |

**********

Statistics for Trav 361 FLT 67 Day 315

**********

Start Time 09:56:09 Start East 564502 Start Nrth 5385387
End Time 10:03:33 End East 578310 End Nrth 5385405

Elaps Time 00:07:24 Line Length = 13.808 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61595.85 | 0.000 | 317 | 25 | 4 | 3 | 43 | 164.0 | 280.0 |
| Max | 61840.00 | 0.188 | 1130 | 139 | 40 | 46 | 99 | 648.0 | 788.0 |
| Mn | 61801.98 | 0.020 | 688 | 71 | 20 | 21 | 69 | 278.6 | 493.6 |

**********

Statistics for Trav 362 FLT 67 Day 315

**********

Start Time 10:04:04 Start East 564653 Start Nrth 5385176
End Time 10:10:53 End East 578538 End Nrth 5385208

Elaps Time 00:06:49 Line Length = 13.885 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61517.77 | 0.000 | 384 | 31 | 6 | 4 | 39 | 151.0 | 282.0 |
| Max | 61837.15 | 0.137 | 1072 | 143 | 46 | 50 | 106 | 629.0 | 841.8 |
| Mn | 61790.99 | 0.018 | 735 | 75 | 21 | 23 | 68 | 276.7 | 489.1 |

**********

Statistics for Trav 363 FLT 67 Day 315

**********

Start Time 10:11:28 Start East 564594 Start Nrth 5384985
End Time 10:18:52 End East 578341 End Nrth 5385006

Elaps Time 00:07:24 Line Length = 13.747 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61488.08 | 0.000 | 420 | 21 | 6 | 4 | 44 | 154.0 | 280.0 |
| Max | 61837.91 | 0.090 | 1253 | 148 | 44 | 47 | 93 | 557.0 | 764.0 |
| Mn | 61793.27 | 0.021 | 748 | 77 | 21 | 24 | 67 | 256.9 | 471.1 |

**********

Statistics for Trav 364 FLT 67 Day 315

**********

Start Time 10:19:08 Start East 564614 Start Nrth 5384750
End Time 10:25:52 End East 578321 End Nrth 5384817

Elaps Time 00:06:44 Line Length = 13.707 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61481.89 | 0.000 | 400 | 35 | 6 | 7 | 41 | 177.0 | 284.0 |
| Max | 61837.15 | 0.100 | 1571 | 171 | 44 | 63 | 97 | 596.0 | 707.6 |
| Mn | 61801.93 | 0.019 | 755 | 75 | 22 | 24 | 67 | 269.8 | 462.5 |

**********

Statistics for Trav 365 FLT 67 Day 315

**********

Start Time 10:26:16 Start East 564676 Start Nrth 5384587
End Time 10:34:25 End East 579034 End Nrth 5384612

Elaps Time 00:08:09 Line Length = 14.358 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61457.32 | 0.000 | 404 | 33 | 3 | 3 | 44 | 159.0 | 278.0 |
| Max | 61897.37 | 0.110 | 1330 | 154 | 52 | 58 | 94 | 383.0 | 831.0 |
| Mn | 61792.93 | 0.021 | 766 | 77 | 22 | 24 | 68 | 241.7 | 466.7 |

**********

Statistics for Trav 366 FLT 67 Day 315

**********

Start Time 10:34:58 Start East 564619 Start Nrth 5384369
End Time 10:42:42 End East 578805 End Nrth 5384410

Elaps Time 00:07:44 Line Length = 14.186 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61564.53 | 0.000 | 315 | 26 | 7 | 4 | 40 | 158.0 | 287.0 |
| Max | 62056.51 | 0.684 | 2134 | 200 | 67 | 77 | 101 | 567.0 | 828.1 |
| Mn | 61802.89 | 0.023 | 736 | 74 | 22 | 23 | 67 | 293.6 | 473.4 |

**********

Statistics for Trav 367 FLT 67 Day 315

**********

Start Time 10:42:59 Start East 564678 Start Nrth 5384183
End Time 10:51:08 End East 578710 End Nrth 5384227

Elaps Time 00:08:09 Line Length = 14.032 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61548.26 | 0.000 | 375 | 30 | 4 | 6 | 46 | 175.0 | 276.0 |
| Max | 61898.64 | 0.583 | 4526 | 378 | 157 | 159 | 93 | 538.0 | 808.0 |
| Mn | 61800.01 | 0.024 | 818 | 82 | 23 | 26 | 66 | 271.1 | 441.4 |

**********

Statistics for Trav 368 FLT 67 Day 315

**********

Start Time 10:51:47 Start East 564756 Start Nrth 5383985
End Time 10:59:21 End East 578581 End Nrth 5384014

Elaps Time 00:07:34 Line Length = 13.825 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61572.92 | 0.000 | 364 | 26 | 7 | 5 | 46 | 136.0 | 276.0 |
| Max | 61838.81 | 0.725 | 3323 | 324 | 115 | 125 | 97 | 493.0 | 769.8 |
| Mn | 61804.46 | 0.025 | 899 | 90 | 25 | 29 | 67 | 275.0 | 440.6 |

**********

Statistics for Trav 369 FLT 67 Day 315

**********

Start Time 10:59:37 Start East 564820 Start Nrth 5383782
End Time 11:07:41 End East 579561 End Nrth 5383865

Elaps Time 00:08:04 Line Length = 14.741 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61598.32 | 0.000 | 313 | 22 | 5 | 6 | 44 | 175.0 | 278.0 |
| Max | 61871.71 | 0.275 | 4063 | 343 | 126 | 162 | 99 | 759.0 | 971.0 |
| Mn | 61804.95 | 0.023 | 868 | 89 | 24 | 28 | 67 | 274.5 | 469.2 |

**********

Statistics for Trav 370 FLT 67 Day 315

**********

Start Time 11:08:29 Start East 564660 Start Nrth 5383586
End Time 11:15:38 End East 578986 End Nrth 5383613

Elaps Time 00:07:09 Line Length = 14.326 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61613.53 | 0.000 | 340 | 23 | 7 | 3 | 44 | 166.0 | 279.0 |
| Max | 61944.86 | 0.094 | 3444 | 326 | 121 | 158 | 95 | 504.0 | 812.0 |
| Mn | 61806.02 | 0.019 | 929 | 94 | 26 | 30 | 67 | 285.9 | 457.4 |

**********

Statistics for Trav 371 FLT 67 Day 315

**********

Start Time 11:16:00 Start East 564736 Start Nrth 5383375
End Time 11:23:09 End East 578518 End Nrth 5383404

Elaps Time 00:07:09 Line Length = 13.782 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61585.59 | 0.000 | 410 | 25 | 7 | 7 | 43 | 181.0 | 274.0 |
| Max | 61841.12 | 0.100 | 3924 | 350 | 124 | 161 | 96 | 579.0 | 737.0 |
| Mn | 61806.52 | 0.021 | 910 | 90 | 26 | 30 | 67 | 275.8 | 436.5 |

**********

Statistics for Trav 372 FLT 67 Day 315

**********

Start Time 11:23:33 Start East 564538 Start Nrth 5383181
End Time 11:30:22 End East 578397 End Nrth 5383213

Elaps Time 00:06:49 Line Length = 13.859 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61562.89 | 0.000 | 402 | 27 | 6 | 6 | 45 | 167.0 | 281.0 |
| Max | 61842.46 | 0.104 | 3342 | 314 | 114 | 144 | 99 | 509.0 | 669.6 |
| Mn | 61808.74 | 0.019 | 921 | 89 | 27 | 29 | 67 | 273.2 | 436.9 |

**********

Statistics for Trav 373 FLT 62 Day 310

**********

Start Time 16:47:42 Start East 564638 Start Nrth 5382973
End Time 16:54:06 End East 578389 End Nrth 5383017

Elaps Time 00:06:24 Line Length = 13.751 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61497.12 | 0.000 | 343 | 25 | 4 | 3 | 45 | 163.0 | 265.0 |
| Max | 61844.82 | 0.175 | 3854 | 335 | 130 | 164 | 98 | 529.0 | 634.0 |
| Mn | 61802.93 | 0.026 | 876 | 88 | 23 | 30 | 70 | 261.3 | 417.2 |

**********

Statistics for Trav 374 FLT 62 Day 310

**********

Start Time 16:38:22 Start East 564670 Start Nrth 5382764
End Time 16:47:06 End East 579036 End Nrth 5382825

Elaps Time 00:08:44 Line Length = 14.366 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61511.18 | 0.000 | 282 | 20 | 2 | 3 | 50 | 153.0 | 280.0 |
| Max | 61860.08 | 0.116 | 4172 | 394 | 146 | 186 | 98 | 533.0 | 750.4 |
| Mn | 61800.07 | 0.022 | 927 | 96 | 23 | 32 | 70 | 242.9 | 415.9 |

**********

Statistics for Trav 375 FLT 62 Day 310

**********

Start Time 16:29:18 Start East 564591 Start Nrth 5382554
End Time 16:35:51 End East 578345 End Nrth 5382614

Elaps Time 00:06:33 Line Length = 13.754 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61617.86 | 0.000 | 192 | 14 | 4 | 4 | 48 | 166.0 | 269.0 |
| Max | 61843.00 | 0.315 | 4054 | 368 | 134 | 183 | 96 | 472.0 | 577.0 |
| Mn | 61807.19 | 0.029 | 868 | 86 | 23 | 30 | 70 | 252.9 | 418.0 |

**********

Statistics for Trav 376 FLT 61 Day 310

**********

Start Time 10:33:04 Start East 564486 Start Nrth 5382382
End Time 10:41:32 End East 579153 End Nrth 5382407

Elaps Time 00:08:28 Line Length = 14.667 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61602.16 | 0.000 | 322 | 28 | 3 | 7 | 41 | 160.0 | 280.0 |
| Max | 61902.17 | 0.105 | 4042 | 363 | 150 | 169 | 105 | 481.0 | 752.0 |
| Mn | 61784.04 | 0.020 | 842 | 83 | 24 | 29 | 70 | 250.9 | 450.8 |

**********

Statistics for Trav 377 FLT 60 Day 309

**********

Start Time 18:00:01 Start East 564555 Start Nrth 5382180
End Time 18:06:39 End East 578256 End Nrth 5382214

Elaps Time 00:06:38 Line Length = 13.701 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61644.06 | 0.000 | 354 | 21 | 3 | 5 | 47 | 168.0 | 271.0 |
| Max | 61860.21 | 0.123 | 4579 | 380 | 150 | 186 | 99 | 380.0 | 650.0 |
| Mn | 61815.81 | 0.022 | 912 | 92 | 24 | 32 | 69 | 242.9 | 429.8 |

**********

Statistics for Trav 378 FLT 60 Day 309

**********

Start Time 16:00:48 Start East 564511 Start Nrth 5381988
End Time 16:08:11 End East 578844 End Nrth 5382057

Elaps Time 00:07:23 Line Length = 14.333 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61656.20 | 0.000 | 299 | 22 | 3 | 3 | 45 | 164.0 | 303.4 |
| Max | 62170.53 | 0.147 | 3274 | 304 | 106 | 152 | 108 | 469.0 | 800.0 |
| Mn | 61827.60 | 0.020 | 819 | 84 | 21 | 28 | 70 | 245.8 | 470.6 |

**********

Statistics for Trav 379 FLT 67 Day 315

**********

Start Time 11:31:29 Start East 563983 Start Nrth 5381783
End Time 11:36:58 End East 574557 End Nrth 5381805

Elaps Time 00:05:29 Line Length = 10.574 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61774.10 | 0.000 | 385 | 24 | 9 | 8 | 43 | 176.0 | 272.0 |
| Max | 61868.15 | 0.099 | 3146 | 285 | 109 | 126 | 89 | 464.0 | 667.0 |
| Mn | 61825.35 | 0.022 | 1063 | 104 | 30 | 36 | 66 | 250.6 | 419.8 |

**********

Statistics for Trav 380 FLT 67 Day 315

**********

Start Time 11:37:20 Start East 564601 Start Nrth 5381589
End Time 11:41:49 End East 574505 End Nrth 5381608

Elaps Time 00:04:29 Line Length = 9.904 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61758.12 | 0.000 | 434 | 27 | 9 | 3 | 44 | 192.0 | 270.0 |
| Max | 61861.81 | 0.132 | 3745 | 357 | 118 | 144 | 94 | 534.0 | 707.0 |
| Mn | 61823.38 | 0.018 | 926 | 91 | 26 | 31 | 67 | 276.9 | 437.3 |

**********

Statistics for Trav 381 FLT 67 Day 315

**********

Start Time 11:42:29 Start East 564647 Start Nrth 5381372
End Time 11:47:23 End East 574385 End Nrth 5381407

Elaps Time 00:04:54 Line Length = 9.738 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61749.13 | 0.000 | 422 | 30 | 7 | 4 | 44 | 181.0 | 276.0 |
| Max | 61863.50 | 0.227 | 3714 | 357 | 121 | 151 | 92 | 479.0 | 721.0 |
| Mn | 61822.60 | 0.022 | 1041 | 102 | 29 | 36 | 68 | 248.0 | 424.7 |

**********

Statistics for Trav 382 FLT 67 Day 315

**********

Start Time 11:47:56 Start East 564451 Start Nrth 5381188
End Time 11:52:25 End East 574583 End Nrth 5381213

Elaps Time 00:04:29 Line Length = 10.132 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61735.45 | 0.000 | 376 | 33 | 6 | 6 | 46 | 168.0 | 278.0 |
| Max | 61863.78 | 0.135 | 4639 | 415 | 170 | 175 | 108 | 579.0 | 744.0 |
| Mn | 61819.89 | 0.019 | 1237 | 118 | 36 | 41 | 68 | 284.0 | 448.0 |

**********

Statistics for Trav 383 FLT 67 Day 315

**********

Start Time 11:52:56 Start East 564534 Start Nrth 5380985
End Time 11:58:10 End East 574339 End Nrth 5381012

Elaps Time 00:05:14 Line Length = 9.805 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61721.96 | 0.000 | 362 | 29 | 2 | 5 | 47 | 167.0 | 271.0 |
| Max | 61866.05 | 0.095 | 4731 | 406 | 154 | 188 | 101 | 414.0 | 798.0 |
| Mn | 61819.22 | 0.021 | 1152 | 109 | 34 | 39 | 68 | 254.8 | 447.4 |

**********

Statistics for Trav 384 FLT 68 Day 315

**********

Start Time 15:27:22 Start East 564295 Start Nrth 5380756
End Time 15:32:15 End East 574400 End Nrth 5380822

Elaps Time 00:04:53 Line Length = 10.105 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61708.05 | 0.000 | 344 | 29 | 3 | 4 | 46 | 158.0 | 274.0 |
| Max | 61878.23 | 0.161 | 4461 | 379 | 161 | 188 | 103 | 570.0 | 859.0 |
| Mn | 61831.34 | 0.020 | 1271 | 118 | 36 | 44 | 69 | 275.7 | 492.8 |

**********

Statistics for Trav 385 FLT 68 Day 315

**********

Start Time 15:32:33 Start East 564303 Start Nrth 5380575
End Time 15:38:17 End East 574443 End Nrth 5380629

Elaps Time 00:05:44 Line Length = 10.140 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61749.29 | 0.000 | 336 | 26 | 6 | 5 | 43 | 167.0 | 277.0 |
| Max | 61924.72 | 0.333 | 4335 | 363 | 141 | 163 | 99 | 507.0 | 982.0 |
| Mn | 61831.62 | 0.024 | 1097 | 106 | 30 | 37 | 69 | 248.8 | 487.9 |

**********

Statistics for Trav 386 FLT 68 Day 315

**********

Start Time 15:39:16 Start East 564535 Start Nrth 5380381
End Time 15:43:45 End East 574096 End Nrth 5380414

Elaps Time 00:04:29 Line Length = 9.561 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61703.41 | 0.000 | 327 | 23 | 4 | 6 | 43 | 165.0 | 0.0 |
| Max | 61930.61 | 0.109 | 4240 | 371 | 148 | 165 | 101 | 540.0 | 999.8 |
| Mn | 61832.20 | 0.020 | 1075 | 103 | 29 | 37 | 70 | 289.0 | 465.6 |

**********

Statistics for Trav 387 FLT 68 Day 315

**********

Start Time 15:44:08 Start East 564520 Start Nrth 5380180
End Time 15:49:52 End East 574379 End Nrth 5380207

Elaps Time 00:05:44 Line Length = 9.859 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61657.23 | 0.000 | 376 | 27 | 3 | 5 | 44 | 162.0 | 0.0 |
| Max | 62313.05 | 0.109 | 3611 | 345 | 117 | 153 | 119 | 323.0 | 999.0 |
| Mn | 61853.31 | 0.022 | 1027 | 103 | 27 | 35 | 69 | 238.2 | 410.0 |

**********

Statistics for Trav 388 FLT 68 Day 315

**********

Start Time 15:50:24 Start East 564511 Start Nrth 5379979
End Time 15:54:48 End East 574396 End Nrth 5380014

Elaps Time 00:04:24 Line Length = 9.885 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61705.81 | 0.000 | 252 | 14 | 3 | 3 | 43 | 180.0 | 0.2 |
| Max | 62353.99 | 0.121 | 3247 | 309 | 95 | 119 | 107 | 812.0 | 999.0 |
| Mn | 61859.98 | 0.021 | 893 | 87 | 24 | 32 | 71 | 367.1 | 406.6 |

**********

Statistics for Trav 389 FLT 68 Day 315

**********

Start Time 15:55:16 Start East 564453 Start Nrth 5379778
End Time 16:01:05 End East 574567 End Nrth 5379803

Elaps Time 00:05:49 Line Length = 10.114 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61616.63 | 0.000 | 345 | 30 | 3 | 3 | 42 | 157.0 | 0.8 |
| Max | 62431.51 | 0.155 | 3601 | 337 | 116 | 154 | 106 | 337.0 | 999.4 |
| Mn | 61840.93 | 0.023 | 1053 | 106 | 28 | 36 | 70 | 236.4 | 403.4 |

**********

Statistics for Trav 390 FLT 68 Day 315

**********

Start Time 16:01:22 Start East 564462 Start Nrth 5379591
End Time 16:05:41 End East 574419 End Nrth 5379612

Elaps Time 00:04:19 Line Length = 9.957 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61669.63 | 0.000 | 236 | 11 | 3 | 2 | 45 | 184.0 | 1.5 |
| Max | 62126.81 | 0.199 | 3529 | 292 | 113 | 164 | 103 | 1004.0 | 999.6 |
| Mn | 61848.41 | 0.020 | 996 | 95 | 28 | 35 | 72 | 402.0 | 405.2 |

**********

Statistics for Trav 391 FLT 68 Day 315

**********

Start Time 16:06:08 Start East 564608 Start Nrth 5379385
End Time 16:12:17 End East 574473 End Nrth 5379411

Elaps Time 00:06:09 Line Length = 9.865 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61519.61 | 0.000 | 301 | 32 | 4 | 1 | 46 | 131.0 | 0.0 |
| Max | 62340.99 | 0.280 | 3518 | 323 | 110 | 154 | 105 | 404.0 | 999.0 |
| Mn | 61832.90 | 0.023 | 1030 | 105 | 27 | 35 | 70 | 230.2 | 412.0 |

**********

Statistics for Trav 392 FLT 68 Day 315

**********

Start Time 16:12:52 Start East 563905 Start Nrth 5379150
End Time 16:17:51 End East 574482 End Nrth 5379222

Elaps Time 00:04:59 Line Length = 10.577 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61625.77 | 0.000 | 220 | 18 | 4 | 1 | 47 | 181.0 | 0.0 |
| Max | 62359.99 | 0.220 | 3253 | 301 | 123 | 149 | 110 | 1046.0 | 998.4 |
| Mn | 61855.24 | 0.022 | 1022 | 99 | 29 | 36 | 71 | 408.3 | 396.2 |

**********

Statistics for Trav 393 FLT 68 Day 315

**********

Start Time 16:18:15 Start East 563968 Start Nrth 5378985
End Time 16:24:24 End East 574378 End Nrth 5379011

Elaps Time 00:06:09 Line Length = 10.410 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61503.32 | 0.000 | 318 | 22 | 4 | 3 | 43 | 183.0 | 0.0 |
| Max | 62205.16 | 0.276 | 3578 | 328 | 124 | 139 | 112 | 443.0 | 999.0 |
| Mn | 61828.34 | 0.023 | 961 | 100 | 25 | 31 | 70 | 256.1 | 411.0 |

**********

Statistics for Trav 394 FLT 68 Day 315

**********

Start Time 16:24:48 Start East 563945 Start Nrth 5378768
End Time 16:29:32 End East 574320 End Nrth 5378816

Elaps Time 00:04:44 Line Length = 10.375 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61660.30 | 0.000 | 275 | 20 | 3 | 2 | 36 | 179.0 | 0.4 |
| Max | 62078.28 | 0.095 | 3185 | 305 | 98 | 127 | 100 | 768.0 | 999.2 |
| Mn | 61841.24 | 0.019 | 848 | 88 | 22 | 27 | 71 | 356.0 | 430.8 |

**********

Statistics for Trav 395 FLT 68 Day 315

**********

Start Time 16:30:01 Start East 564101 Start Nrth 5378586
End Time 16:35:55 End East 574515 End Nrth 5378605

Elaps Time 00:05:54 Line Length = 10.414 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61568.18 | 0.000 | 355 | 31 | 4 | 2 | 44 | 154.0 | 0.4 |
| Max | 62256.23 | 0.109 | 2208 | 211 | 71 | 92 | 108 | 490.0 | 999.2 |
| Mn | 61841.99 | 0.023 | 841 | 90 | 21 | 27 | 70 | 247.9 | 443.1 |

**********

Statistics for Trav 396 FLT 68 Day 315

**********

Start Time 16:36:18 Start East 564377 Start Nrth 5378341
End Time 16:40:52 End East 574347 End Nrth 5378417

Elaps Time 00:04:34 Line Length = 9.970 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61621.56 | 0.000 | 323 | 21 | 3 | 5 | 47 | 178.0 | 0.4 |
| Max | 62075.85 | 0.140 | 1501 | 140 | 44 | 75 | 111 | 650.0 | 999.6 |
| Mn | 61831.84 | 0.020 | 748 | 82 | 19 | 24 | 71 | 320.6 | 442.3 |

**********

Statistics for Trav 397 FLT 68 Day 315

**********

Start Time 16:41:25 Start East 564504 Start Nrth 5378184
End Time 16:46:44 End East 574430 End Nrth 5378206

Elaps Time 00:05:19 Line Length = 9.926 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61577.35 | 0.000 | 324 | 28 | 4 | 5 | 49 | 175.0 | 0.8 |
| Max | 62439.87 | 0.299 | 1315 | 141 | 42 | 55 | 108 | 469.0 | 999.4 |
| Mn | 61849.13 | 0.023 | 775 | 86 | 19 | 23 | 71 | 269.2 | 455.5 |

**********

Statistics for Trav 398 FLT 68 Day 315

**********

Start Time 16:47:07 Start East 564123 Start Nrth 5377979
End Time 16:51:36 End East 574448 End Nrth 5378020

Elaps Time 00:04:29 Line Length = 10.325 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61682.75 | 0.000 | 308 | 24 | 6 | 7 | 48 | 177.0 | 0.2 |
| Max | 62166.06 | 0.104 | 1313 | 145 | 40 | 61 | 116 | 819.0 | 998.8 |
| Mn | 61857.47 | 0.021 | 676 | 71 | 18 | 21 | 73 | 366.5 | 446.2 |

**********

Statistics for Trav 399 FLT 68 Day 315

**********

Start Time 16:52:12 Start East 564098 Start Nrth 5377771
End Time 16:58:01 End East 574431 End Nrth 5377807

Elaps Time 00:05:49 Line Length = 10.333 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61690.08 | 0.000 | 340 | 26 | 2 | 7 | 46 | 181.0 | 0.8 |
| Max | 62227.02 | 0.121 | 1255 | 151 | 43 | 48 | 107 | 509.0 | 999.4 |
| Mn | 61864.40 | 0.022 | 716 | 78 | 18 | 22 | 71 | 256.9 | 460.6 |

**********

Statistics for Trav 400 FLT 68 Day 315

**********

Start Time 16:58:29 Start East 564421 Start Nrth 5377586
End Time 17:03:18 End East 574652 End Nrth 5377610

Elaps Time 00:04:49 Line Length = 10.231 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61737.32 | 0.000 | 276 | 17 | 2 | 3 | 41 | 201.0 | 0.0 |
| Max | 62144.95 | 0.123 | 1120 | 125 | 36 | 54 | 111 | 879.0 | 999.0 |
| Mn | 61874.78 | 0.020 | 561 | 60 | 15 | 17 | 75 | 368.0 | 461.2 |

**********

Statistics for Trav 401 FLT 68 Day 315

**********

Start Time 17:03:54 Start East 564326 Start Nrth 5377386
End Time 17:09:23 End East 574341 End Nrth 5377407

Elaps Time 00:05:29 Line Length = 10.015 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61670.50 | 0.000 | 323 | 24 | 3 | 3 | 49 | 174.0 | 0.2 |
| Max | 62269.98 | 0.201 | 1164 | 152 | 36 | 44 | 102 | 472.0 | 998.8 |
| Mn | 61853.81 | 0.024 | 665 | 74 | 17 | 19 | 72 | 253.6 | 484.6 |

# APPENDIX 7

# DATA STATISTICS

## Flight Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Fingal |
| Area: | 1 |
| Tie Lines: | 1 - 94 |

**********
Statistics for Trav 402 FLT 68 Day 315
**********

Start Time 17:09:59 Start East 564628 Start Nrth 5377190
End Time 17:14:23 End East 574459 End Nrth 5377211

Elaps Time 00:04:24 Line Length = 9.831 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61661.57 | 0.000 | 316 | 22 | 4 | 3 | 48 | 191.4 | 0.0 |
| Max | 61959.32 | 0.307 | 955 | 119 | 31 | 38 | 108 | 822.0 | 999.0 |
| Mn | 61835.06 | 0.021 | 562 | 61 | 15 | 17 | 74 | 353.0 | 497.8 |

**********
Statistics for Trav 403 FLT 68 Day 315
**********

Start Time 17:15:00 Start East 564266 Start Nrth 5376985
End Time 17:20:39 End East 574302 End Nrth 5377007

Elaps Time 00:05:39 Line Length = 10.036 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61437.21 | 0.000 | 257 | 22 | 3 | 3 | 44 | 178.0 | 294.0 |
| Max | 62015.44 | 0.167 | 1445 | 146 | 39 | 67 | 106 | 496.0 | 972.0 |
| Mn | 61816.38 | 0.023 | 624 | 70 | 16 | 18 | 72 | 256.6 | 610.5 |

**********
Statistics for Tie 1 FLT 48 Day 301
**********

Start Time 14:26:28 Start East 560182 Start Nrth 5411726
End Time 14:30:36 End East 560228 End Nrth 5419806

Elaps Time 00:04:08 Line Length = 8.080 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61694.81 | 0.000 | 644 | 62 | 11 | 8 | 42 | 124.0 | 409.0 |
| Max | 61738.11 | 0.247 | 2038 | 230 | 73 | 80 | 98 | 341.0 | 795.0 |
| Mn | 61710.77 | 0.039 | 1323 | 143 | 34 | 39 | 75 | 219.7 | 576.8 |

**********

Statistics for Tie 2 FLT 48 Day 301

**********

Start Time 14:33:05 Start East 560588 Start Nrth 5411498
End Time 14:37:09 End East 560634 End Nrth 5420684

Elaps Time 00:04:04 Line Length = 9.186 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61683.30 | 0.000 | 663 | 50 | 7 | 9 | 50 | 155.0 | 424.0 |
| Max | 61767.17 | 0.250 | 1712 | 221 | 63 | 55 | 104 | 570.0 | 865.4 |
| Mn | 61706.28 | 0.032 | 1014 | 109 | 26 | 29 | 76 | 264.0 | 638.0 |

**********

Statistics for Tie 3 FLT 48 Day 301

**********

Start Time 14:37:40 Start East 560986 Start Nrth 5411408
End Time 14:41:59 End East 561033 End Nrth 5419446

Elaps Time 00:04:19 Line Length = 8.038 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61600.04 | 0.000 | 715 | 56 | 11 | 9 | 51 | 128.0 | 415.0 |
| Max | 61859.31 | 0.275 | 1743 | 202 | 66 | 60 | 108 | 382.0 | 863.0 |
| Mn | 61707.47 | 0.041 | 1000 | 99 | 28 | 32 | 77 | 234.7 | 646.9 |

**********

Statistics for Tie 4 FLT 48 Day 301

**********

Start Time 14:42:40 Start East 561380 Start Nrth 5411567
End Time 14:46:14 End East 561456 End Nrth 5419576

Elaps Time 00:03:34 Line Length = 8.009 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61666.06 | 0.000 | 633 | 48 | 9 | 14 | 51 | 190.0 | 415.0 |
| Max | 61732.22 | 0.189 | 1315 | 150 | 46 | 54 | 113 | 512.0 | 902.0 |
| Mn | 61702.54 | 0.032 | 888 | 87 | 25 | 30 | 79 | 278.4 | 719.9 |

**********

Statistics for Tie 5 FLT 48 Day 301

**********

Start Time 14:46:58 Start East 561793 Start Nrth 5411487
End Time 14:51:17 End East 561835 End Nrth 5419484

Elaps Time 00:04:19 Line Length = 7.997 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61675.16 | 0.000 | 603 | 49 | 8 | 12 | 54 | 121.0 | 420.0 |
| Max | 61748.08 | 0.225 | 1492 | 178 | 48 | 56 | 108 | 347.0 | 903.0 |
| Mn | 61701.73 | 0.038 | 966 | 99 | 26 | 32 | 80 | 234.8 | 735.3 |

**********

Statistics for Tie 5 FLT 50 Day 303

**********

Start Time 10:09:55 Start East 561770 Start Nrth 5411613
End Time 10:14:43 End East 561822 End Nrth 5419403

Elaps Time 00:04:48 Line Length = 7.790 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61680.05 | 0.000 | 588 | 46 | 9 | 14 | 46 | 118.0 | 447.0 |
| Max | 61750.35 | 0.129 | 1126 | 141 | 43 | 46 | 104 | 552.6 | 909.0 |
| Mn | 61707.41 | 0.021 | 848 | 86 | 22 | 29 | 75 | 272.8 | 736.5 |

**********

Statistics for Tie 6 FLT 48 Day 301

**********

Start Time 14:51:47 Start East 562190 Start Nrth 5411535
End Time 14:55:26 End East 562226 End Nrth 5419572

Elaps Time 00:03:39 Line Length = 8.037 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61572.32 | 0.000 | 329 | 24 | 4 | 3 | 51 | 179.0 | 399.0 |
| Max | 61760.51 | 0.186 | 1625 | 205 | 46 | 56 | 105 | 385.0 | 949.0 |
| Mn | 61680.25 | 0.029 | 696 | 70 | 20 | 22 | 81 | 253.6 | 786.7 |

**********

Statistics for Tie 6 FLT 50 Day 303

**********

Start Time 10:15:30 Start East 562191 Start Nrth 5411531
End Time 10:19:54 End East 562218 End Nrth 5419646

Elaps Time 00:04:24 Line Length = 8.115 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61598.01 | 0.000 | 271 | 24 | 3 | 0 | 46 | 187.0 | 406.0 |
| Max | 61769.43 | 0.140 | 1596 | 198 | 55 | 59 | 104 | 386.0 | 940.0 |
| Mn | 61692.89 | 0.022 | 655 | 66 | 17 | 22 | 77 | 264.5 | 778.2 |

**********

Statistics for Tie 7 FLT 48 Day 301

**********

Start Time 14:56:17 Start East 562589 Start Nrth 5411364
End Time 15:00:56 End East 562613 End Nrth 5419488

Elaps Time 00:04:39 Line Length = 8.124 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61560.12 | 0.000 | 302 | 20 | 3 | 2 | 57 | 134.0 | 0.0 |
| Max | 61833.87 | 0.307 | 1548 | 172 | 56 | 59 | 130 | 284.0 | 999.6 |
| Mn | 61696.67 | 0.036 | 670 | 68 | 19 | 21 | 84 | 216.4 | 545.3 |

**********

Statistics for Tie 7 FLT 50 Day 303

**********

Start Time 10:20:57 Start East 562583 Start Nrth 5411327
End Time 10:25:46 End East 562610 End Nrth 5419392

Elaps Time 00:04:49 Line Length = 8.065 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61578.15 | 0.000 | 276 | 19 | 2 | 2 | 42 | 159.0 | 0.6 |
| Max | 61811.16 | 0.161 | 1572 | 203 | 44 | 61 | 116 | 400.0 | 999.8 |
| Mn | 61707.69 | 0.023 | 633 | 65 | 16 | 21 | 77 | 254.2 | 513.5 |

**********

Statistics for Tie 8 FLT 48 Day 301

**********

Start Time 15:01:24 Start East 562986 Start Nrth 5411518
End Time 15:05:03 End East 563038 End Nrth 5419559

Elaps Time 00:03:39 Line Length = 8.041 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61582.78 | 0.000 | 277 | 21 | 3 | 3 | 50 | 169.0 | 0.2 |
| Max | 62152.03 | 0.196 | 1434 | 138 | 50 | 43 | 117 | 890.0 | 999.6 |
| Mn | 61792.70 | 0.030 | 487 | 47 | 15 | 15 | 86 | 367.8 | 488.9 |

**********

Statistics for Tie 9 FLT 48 Day 301

**********

Start Time 15:05:52 Start East 563386 Start Nrth 5411158
End Time 15:10:56 End East 563415 End Nrth 5419476

Elaps Time 00:05:04 Line Length = 8.318 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61457.20 | 0.000 | 301 | 22 | 3 | 2 | 50 | 112.0 | 0.2 |
| Max | 62035.55 | 0.382 | 1655 | 202 | 56 | 64 | 127 | 479.0 | 999.4 |
| Mn | 61771.60 | 0.032 | 618 | 62 | 17 | 19 | 84 | 229.0 | 501.2 |

**********

Statistics for Tie 10 FLT 48 Day 301

**********

Start Time 15:11:23 Start East 563784 Start Nrth 5411173
End Time 15:15:07 End East 563830 End Nrth 5419697

Elaps Time 00:03:44 Line Length = 8.524 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61535.37 | 0.000 | 334 | 22 | 4 | 2 | 52 | 146.0 | 0.0 |
| Max | 61772.46 | 0.153 | 1510 | 164 | 51 | 51 | 121 | 476.0 | 999.6 |
| Mn | 61686.45 | 0.028 | 610 | 62 | 17 | 19 | 83 | 244.2 | 557.0 |

**********

Statistics for Tie 10 FLT 57 Day 307

**********

Start Time 14:11:28 Start East 563789 Start Nrth 5417553
End Time 14:21:56 End East 563827 End Nrth 5434650

Elaps Time 00:10:28 Line Length = 17.097 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61612.24 | 0.000 | 279 | 14 | 4 | 3 | 48 | 142.0 | 0.0 |
| Max | 61749.33 | 0.237 | 1035 | 126 | 37 | 50 | 111 | 469.0 | 999.6 |
| Mn | 61687.37 | 0.029 | 604 | 57 | 17 | 22 | 78 | 240.9 | 669.5 |

**********

Statistics for Tie 11 FLT 46 Day 300

**********

Start Time 12:43:11 Start East 564174 Start Nrth 5406522
End Time 12:56:34 End East 564225 End Nrth 5434489

Elaps Time 00:13:23 Line Length = 27.967 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61628.91 | 0.000 | 265 | 17 | 2 | 3 | 41 | 133.0 | 0.2 |
| Max | 61810.70 | 0.292 | 1569 | 228 | 57 | 68 | 110 | 421.0 | 999.8 |
| Mn | 61708.55 | 0.031 | 695 | 71 | 18 | 24 | 75 | 231.5 | 628.2 |

**********

Statistics for Tie 11 FLT 52 Day 304

**********

Start Time 10:20:45 Start East 564196 Start Nrth 5428008
End Time 10:23:44 End East 564216 End Nrth 5433003

Elaps Time 00:02:59 Line Length = 4.995 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61601.58 | 0.000 | 593 | 33 | 10 | 15 | 45 | 187.0 | 340.0 |
| Max | 61729.94 | 0.193 | 993 | 116 | 41 | 56 | 87 | 303.0 | 596.0 |
| Mn | 61678.38 | 0.020 | 824 | 76 | 24 | 30 | 65 | 244.0 | 408.2 |

**********

Statistics for Tie 12 FLT 52 Day 304

**********

Start Time 10:03:47 Start East 564586 Start Nrth 5406832
End Time 10:18:15 End East 564614 End Nrth 5434470

Elaps Time 00:14:28 Line Length = 27.638 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61656.96 | 0.000 | 292 | 20 | 3 | 3 | 40 | 165.0 | 306.0 |
| Max | 61793.19 | 0.137 | 1444 | 184 | 51 | 59 | 106 | 711.0 | 961.0 |
| Mn | 61710.75 | 0.021 | 697 | 68 | 19 | 23 | 72 | 265.0 | 645.1 |

**********

Statistics for Tie 13 FLT 52 Day 304

**********

Start Time 11:18:24 Start East 564984 Start Nrth 5410040
End Time 11:31:17 End East 565033 End Nrth 5434408

Elaps Time 00:12:53 Line Length = 24.368 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61663.62 | 0.000 | 311 | 21 | 1 | 6 | 43 | 154.0 | 307.0 |
| Max | 61828.95 | 0.138 | 1541 | 151 | 56 | 63 | 102 | 458.0 | 903.0 |
| Mn | 61699.84 | 0.019 | 715 | 70 | 20 | 24 | 70 | 262.0 | 641.1 |

**********

Statistics for Tie 13 FLT 52 Day 304

**********

Start Time 11:55:10 Start East 564972 Start Nrth 5407581
End Time 11:57:29 End East 565010 End Nrth 5410991

Elaps Time 00:02:19 Line Length = 3.410 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61759.81 | 0.000 | 571 | 40 | 11 | 11 | 49 | 175.0 | 377.0 |
| Max | 61810.89 | 0.082 | 1437 | 151 | 47 | 51 | 85 | 303.0 | 556.0 |
| Mn | 61770.16 | 0.019 | 910 | 90 | 25 | 31 | 65 | 237.0 | 430.1 |

**********

Statistics for Tie 14 FLT 52 Day 304

**********

Start Time 11:59:12 Start East 565384 Start Nrth 5407206
End Time 12:14:21 End East 565414 End Nrth 5434404

Elaps Time 00:15:09 Line Length = 27.198 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61660.90 | 0.000 | 371 | 16 | 3 | 4 | 38 | 133.0 | 313.0 |
| Max | 61786.31 | 0.150 | 1746 | 186 | 61 | 69 | 105 | 700.0 | 893.0 |
| Mn | 61707.59 | 0.022 | 738 | 74 | 19 | 25 | 71 | 258.9 | 629.8 |

**********

Statistics for Tie 15 FLT 52 Day 304

**********

Start Time 13:26:58 Start East 565779 Start Nrth 5407466
End Time 13:41:03 End East 565815 End Nrth 5434454

Elaps Time 00:14:05 Line Length = 26.988 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61652.71 | 0.000 | 354 | 23 | 2 | 7 | 46 | 181.0 | 315.0 |
| Max | 61771.56 | 0.217 | 1424 | 152 | 54 | 58 | 101 | 555.0 | 890.0 |
| Mn | 61700.74 | 0.021 | 732 | 74 | 19 | 25 | 71 | 268.7 | 627.2 |

**********

Statistics for Tie 16 FLT 53 Day 304

**********

Start Time 14:45:04 Start East 566181 Start Nrth 5405759
End Time 15:01:08 End East 566209 End Nrth 5434383

Elaps Time 00:16:04 Line Length = 28.624 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61643.39 | 0.000 | 416 | 32 | 4 | 9 | 43 | 139.0 | 312.0 |
| Max | 61784.62 | 0.169 | 1401 | 167 | 44 | 55 | 101 | 638.0 | 879.0 |
| Mn | 61700.40 | 0.024 | 786 | 80 | 20 | 26 | 70 | 253.1 | 600.5 |

**********

Statistics for Tie 17 FLT 53 Day 304

**********

Start Time 16:09:38 Start East 566587 Start Nrth 5405488
End Time 16:24:17 End East 566617 End Nrth 5434915

Elaps Time 00:14:39 Line Length = 29.427 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61644.48 | 0.000 | 451 | 33 | 5 | 8 | 46 | 182.0 | 335.0 |
| Max | 61777.67 | 0.160 | 1381 | 170 | 41 | 60 | 98 | 588.0 | 861.0 |
| Mn | 61694.93 | 0.021 | 744 | 76 | 18 | 25 | 69 | 278.1 | 588.3 |

**********

Statistics for Tie 18 FLT 54 Day 305

**********

Start Time 10:24:21 Start East 566983 Start Nrth 5403405
End Time 10:35:24 End East 567047 End Nrth 5422649

Elaps Time 00:11:03 Line Length = 19.244 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 24919.30 | 0.000 | 256 | 13 | 5 | 4 | 38 | 162.0 | 367.0 |
| Max | 61797.66 | 7433.486 | 1478 | 167 | 40 | 58 | 102 | 526.0 | 874.0 |
| Mn | 61659.70 | 3.992 | 807 | 81 | 20 | 28 | 71 | 255.0 | 596.2 |

**********

Statistics for Tie 18 FLT 54 Day 305

**********

Start Time 10:37:24 Start East 566977 Start Nrth 5422347
End Time 10:44:28 End East 567012 End Nrth 5435237

Elaps Time 00:07:04 Line Length = 12.890 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61612.24 | 0.000 | 255 | 17 | 6 | 3 | 44 | 158.0 | 337.0 |
| Max | 61673.37 | 0.187 | 1264 | 128 | 42 | 46 | 96 | 563.0 | 872.0 |
| Mn | 61661.31 | 0.024 | 688 | 69 | 18 | 23 | 70 | 261.0 | 547.2 |

**********

Statistics for Tie 19 FLT 54 Day 305

**********

Start Time 10:45:25 Start East 567387 Start Nrth 5402216
End Time 11:01:59 End East 567417 End Nrth 5435161

Elaps Time 00:16:34 Line Length = 32.945 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61584.92 | 0.000 | 318 | 27 | 6 | 6 | 44 | 142.0 | 341.0 |
| Max | 61796.95 | 0.208 | 1371 | 167 | 45 | 62 | 106 | 772.0 | 867.0 |
| Mn | 61692.27 | 0.022 | 793 | 80 | 20 | 27 | 71 | 264.4 | 587.3 |

**********

Statistics for Tie 20 FLT 55 Day 305

**********

Start Time 14:11:33 Start East 567781 Start Nrth 5402500
End Time 14:28:11 End East 567817 End Nrth 5434666

Elaps Time 00:16:38 Line Length = 32.166 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61617.91 | 0.000 | 454 | 30 | 6 | 6 | 44 | 139.0 | 357.0 |
| Max | 61782.91 | 0.389 | 1382 | 168 | 43 | 67 | 107 | 587.0 | 862.0 |
| Mn | 61702.02 | 0.024 | 817 | 82 | 21 | 28 | 73 | 257.7 | 621.6 |

**********

Statistics for Tie 21 FLT 55 Day 305

**********

Start Time 14:28:58 Start East 568186 Start Nrth 5403446
End Time 14:44:12 End East 568218 End Nrth 5435131

Elaps Time 00:15:14 Line Length = 31.685 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61609.12 | 0.000 | 353 | 24 | 5 | 7 | 48 | 160.0 | 354.0 |
| Max | 61774.05 | 0.175 | 1348 | 160 | 44 | 54 | 106 | 881.0 | 880.0 |
| Mn | 61696.61 | 0.024 | 803 | 81 | 21 | 27 | 73 | 275.8 | 630.0 |

**********

Statistics for Tie 21 FLT 60 Day 309

**********

Start Time 16:13:35 Start East 568184 Start Nrth 5376329
End Time 16:30:23 End East 568228 End Nrth 5407067

Elaps Time 00:16:48 Line Length = 30.738 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61652.40 | 0.000 | 261 | 24 | 3 | 3 | 43 | 156.0 | 0.6 |
| Max | 62012.01 | 0.146 | 1402 | 186 | 43 | 67 | 111 | 676.0 | 999.4 |
| Mn | 61811.54 | 0.021 | 736 | 78 | 18 | 25 | 74 | 266.3 | 567.0 |

**********

Statistics for Tie 22 FLT 55 Day 305

**********

Start Time 14:46:02 Start East 568589 Start Nrth 5403477
End Time 15:03:56 End East 568624 End Nrth 5434306

Elaps Time 00:17:54 Line Length = 30.829 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61646.25 | 0.000 | 321 | 21 | 3 | 4 | 43 | 143.0 | 366.0 |
| Max | 61764.28 | 0.185 | 1467 | 180 | 47 | 65 | 109 | 455.0 | 901.0 |
| Mn | 61698.33 | 0.025 | 830 | 84 | 22 | 28 | 73 | 248.6 | 610.8 |

**********

Statistics for Tie 22 FLT 60 Day 309

**********

Start Time 17:38:21 Start East 568583 Start Nrth 5376404
End Time 17:54:54 End East 568616 End Nrth 5406461

Elaps Time 00:16:33 Line Length = 30.057 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61705.80 | 0.000 | 279 | 21 | 3 | 4 | 42 | 153.0 | 274.0 |
| Max | 61925.12 | 0.124 | 1392 | 173 | 41 | 61 | 117 | 541.0 | 997.0 |
| Mn | 61816.36 | 0.021 | 718 | 79 | 17 | 23 | 74 | 259.0 | 607.4 |

**********

Statistics for Tie 23 FLT 56 Day 307

**********

Start Time 09:22:12 Start East 568992 Start Nrth 5403820
End Time 09:39:00 End East 569015 End Nrth 5434572

Elaps Time 00:16:48 Line Length = 30.752 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61635.23 | 0.000 | 296 | 19 | 3 | 3 | 48 | 159.0 | 364.0 |
| Max | 61753.19 | 0.157 | 1335 | 166 | 41 | 59 | 108 | 819.0 | 984.0 |
| Mn | 61689.35 | 0.025 | 756 | 77 | 20 | 25 | 75 | 263.5 | 607.7 |

**********

Statistics for Tie 23 FLT 63 Day 311

**********

Start Time 10:04:43 Start East 568986 Start Nrth 5376491
End Time 10:15:17 End East 569019 End Nrth 5392148

Elaps Time 00:10:34 Line Length = 15.657 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61779.29 | 0.000 | 225 | 21 | 2 | 3 | 39 | 135.0 | 281.0 |
| Max | 61961.94 | 0.120 | 1185 | 158 | 38 | 46 | 97 | 513.0 | 879.0 |
| Mn | 61813.78 | 0.022 | 706 | 80 | 17 | 22 | 70 | 247.1 | 509.7 |

**********

Statistics for Tie 23 FLT 63 Day 311

**********

Start Time 09:54:14 Start East 568986 Start Nrth 5376491
End Time 10:15:17 End East 569019 End Nrth 5409301

Elaps Time 00:21:03 Line Length = 32.810 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61556.15 | 0.000 | 225 | 21 | 0 | 3 | 39 | 135.0 | 0.0 |
| Max | 61961.94 | 0.148 | 1316 | 179 | 42 | 56 | 108 | 513.0 | 999.8 |
| Mn | 61772.97 | 0.024 | 697 | 77 | 17 | 23 | 72 | 248.1 | 588.6 |

**********

Statistics for Tie 24 FLT 46 Day 300

**********

Start Time 12:59:43 Start East 569369 Start Nrth 5409653
End Time 13:11:12 End East 569420 End Nrth 5434652

Elaps Time 00:11:29 Line Length = 24.999 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61614.22 | 0.000 | 255 | 18 | 4 | 2 | 46 | 154.0 | 0.0 |
| Max | 61729.90 | 0.232 | 1352 | 174 | 39 | 65 | 113 | 479.0 | 999.0 |
| Mn | 61676.63 | 0.027 | 705 | 73 | 17 | 24 | 73 | 238.7 | 540.3 |

**********

Statistics for Tie 24 FLT 53 Day 304

**********

Start Time 16:02:11 Start East 569373 Start Nrth 5425960
End Time 16:07:19 End East 569406 End Nrth 5434324

Elaps Time 00:05:08 Line Length = 8.364 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61632.59 | 0.000 | 400 | 30 | 4 | 7 | 38 | 183.0 | 387.0 |
| Max | 61673.95 | 0.171 | 1074 | 128 | 33 | 44 | 100 | 518.0 | 905.2 |
| Mn | 61656.42 | 0.025 | 606 | 62 | 15 | 20 | 70 | 281.1 | 560.4 |

**********

Statistics for Tie 24 FLT 61 Day 310

**********

Start Time 10:56:46 Start East 569380 Start Nrth 5376539
End Time 11:18:39 End East 569419 End Nrth 5411186

Elaps Time 00:21:53 Line Length = 34.647 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61489.03 | 0.000 | 180 | 11 | 0 | 3 | 46 | 137.0 | 0.6 |
| Max | 62320.39 | 0.168 | 1465 | 180 | 44 | 61 | 114 | 449.0 | 999.4 |
| Mn | 61777.39 | 0.024 | 755 | 83 | 18 | 25 | 74 | 239.2 | 534.7 |

**********

Statistics for Tie 25 FLT 56 Day 307

**********

Start Time 09:40:16 Start East 569786 Start Nrth 5406879
End Time 09:55:30 End East 569818 End Nrth 5435021

Elaps Time 00:15:14 Line Length = 28.142 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61564.95 | 0.000 | 287 | 24 | 3 | 4 | 48 | 143.0 | 0.0 |
| Max | 62028.43 | 0.193 | 1519 | 188 | 43 | 62 | 120 | 566.0 | 999.6 |
| Mn | 61679.54 | 0.024 | 740 | 75 | 20 | 24 | 76 | 263.7 | 557.2 |

**********

Statistics for Tie 25 FLT 63 Day 311

**********

Start Time 10:16:05 Start East 569771 Start Nrth 5376295
End Time 10:32:59 End East 569811 End Nrth 5408464

Elaps Time 00:16:54 Line Length = 32.169 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61357.71 | 0.000 | 294 | 26 | 2 | 3 | 42 | 167.0 | 0.4 |
| Max | 62184.10 | 0.225 | 1331 | 166 | 38 | 71 | 112 | 519.0 | 998.8 |
| Mn | 61778.64 | 0.024 | 691 | 74 | 17 | 23 | 72 | 265.4 | 530.7 |

**********

Statistics for Tie 26 FLT 56 Day 307

**********

Start Time 09:57:17 Start East 570189 Start Nrth 5408210
End Time 10:12:41 End East 570228 End Nrth 5434428

Elaps Time 00:15:24 Line Length = 26.218 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61475.75 | 0.000 | 297 | 15 | 2 | 3 | 48 | 157.0 | 0.0 |
| Max | 61892.56 | 0.208 | 1437 | 183 | 49 | 61 | 126 | 528.0 | 999.0 |
| Mn | 61677.39 | 0.024 | 736 | 77 | 20 | 24 | 78 | 241.5 | 590.3 |

**********
Statistics for Tie 27 FLT 56 Day 307
**********

Start Time 10:13:31 Start East 570584 Start Nrth 5410269
End Time 10:27:10 End East 570612 End Nrth 5434497

Elaps Time 00:13:39 Line Length = 24.228 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61500.89 | 0.000 | 268 | 19 | 1 | 2 | 51 | 154.0 | 0.0 |
| Max | 61954.46 | 0.204 | 1779 | 188 | 64 | 52 | 134 | 551.0 | 999.4 |
| Mn | 61670.23 | 0.023 | 668 | 67 | 19 | 21 | 79 | 260.7 | 599.2 |

**********
Statistics for Tie 28 FLT 56 Day 307
**********

Start Time 10:28:10 Start East 570987 Start Nrth 5409813
End Time 10:43:39 End East 571017 End Nrth 5434307

Elaps Time 00:15:29 Line Length = 24.494 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61555.64 | 0.000 | 285 | 15 | 2 | 2 | 47 | 146.0 | 0.0 |
| Max | 61818.60 | 0.154 | 1594 | 176 | 61 | 54 | 123 | 759.0 | 998.2 |
| Mn | 61662.69 | 0.024 | 639 | 64 | 18 | 20 | 79 | 257.4 | 594.5 |

**********
Statistics for Tie 29 FLT 56 Day 307
**********

Start Time 10:44:43 Start East 571386 Start Nrth 5410231
End Time 10:56:57 End East 571416 End Nrth 5434580

Elaps Time 00:12:14 Line Length = 24.349 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61604.35 | 0.000 | 249 | 18 | 3 | 2 | 46 | 179.0 | 0.2 |
| Max | 61710.02 | 0.260 | 1719 | 206 | 66 | 48 | 113 | 637.0 | 999.6 |
| Mn | 61656.11 | 0.026 | 646 | 64 | 18 | 20 | 79 | 289.8 | 665.6 |

**********

Statistics for Tie 30 FLT 56 Day 307

**********

Start Time 10:57:53 Start East 571781 Start Nrth 5410284
End Time 11:10:27 End East 571815 End Nrth 5434392

Elaps Time 00:12:34 Line Length = 24.108 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61606.15 | 0.000 | 255 | 11 | 1 | 3 | 50 | 164.0 | 388.0 |
| Max | 61710.25 | 0.239 | 1627 | 180 | 47 | 52 | 111 | 524.0 | 979.0 |
| Mn | 61652.25 | 0.029 | 667 | 66 | 18 | 22 | 78 | 240.2 | 718.9 |

**********

Statistics for Tie 31 FLT 56 Day 307

**********

Start Time 11:11:29 Start East 572180 Start Nrth 5410317
End Time 11:22:48 End East 572213 End Nrth 5434662

Elaps Time 00:11:19 Line Length = 24.345 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61569.18 | 0.000 | 211 | 16 | 2 | 4 | 49 | 161.0 | 381.0 |
| Max | 61711.19 | 0.151 | 1701 | 178 | 63 | 52 | 112 | 529.0 | 951.0 |
| Mn | 61649.76 | 0.028 | 639 | 63 | 17 | 21 | 79 | 256.3 | 753.4 |

**********

Statistics for Tie 32 FLT 56 Day 307

**********

Start Time 11:51:51 Start East 572580 Start Nrth 5410127
End Time 12:04:55 End East 572620 End Nrth 5434276

Elaps Time 00:13:04 Line Length = 24.149 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61407.90 | 0.000 | 219 | 11 | 2 | 3 | 45 | 138.0 | 0.5 |
| Max | 61914.43 | 0.227 | 1415 | 183 | 40 | 59 | 114 | 651.0 | 999.4 |
| Mn | 61676.72 | 0.031 | 644 | 65 | 16 | 21 | 81 | 257.9 | 701.6 |

**********

Statistics for Tie 33 FLT 56 Day 307

**********

Start Time 12:35:13 Start East 572984 Start Nrth 5410144
End Time 12:47:02 End East 573024 End Nrth 5434569

Elaps Time 00:11:49 Line Length = 24.425 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61462.65 | 0.000 | 216 | 17 | 2 | 1 | 48 | 176.0 | 0.0 |
| Max | 62127.02 | 0.215 | 1766 | 206 | 59 | 46 | 114 | 601.0 | 999.0 |
| Mn | 61687.06 | 0.028 | 552 | 55 | 15 | 18 | 82 | 282.0 | 718.4 |

**********

Statistics for Tie 34 FLT 56 Day 307

**********

Start Time 12:19:39 Start East 573382 Start Nrth 5410000
End Time 12:34:08 End East 573429 End Nrth 5434683

Elaps Time 00:14:29 Line Length = 24.683 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61379.42 | 0.000 | 220 | 16 | 0 | 2 | 51 | 152.0 | 0.0 |
| Max | 62345.41 | 0.236 | 1464 | 160 | 41 | 54 | 117 | 591.0 | 999.4 |
| Mn | 61713.45 | 0.032 | 573 | 58 | 15 | 19 | 81 | 261.4 | 702.0 |

**********

Statistics for Tie 35 FLT 56 Day 307

**********

Start Time 12:06:25 Start East 573783 Start Nrth 5410352
End Time 12:18:39 End East 573819 End Nrth 5434594

Elaps Time 00:12:14 Line Length = 24.242 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61519.30 | 0.000 | 236 | 17 | 2 | 2 | 52 | 155.0 | 0.0 |
| Max | 61862.53 | 0.251 | 1297 | 150 | 49 | 54 | 118 | 577.0 | 998.8 |
| Mn | 61681.23 | 0.032 | 597 | 60 | 16 | 20 | 79 | 256.7 | 691.8 |

**********

Statistics for Tie 36 FLT 56 Day 307

**********

Start Time 12:48:20 Start East 574181 Start Nrth 5409854
End Time 13:02:19 End East 574215 End Nrth 5434612

Elaps Time 00:13:59 Line Length = 24.758 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61372.43 | 0.000 | 216 | 16 | 3 | 3 | 49 | 139.0 | 338.0 |
| Max | 62255.91 | 0.512 | 1352 | 153 | 50 | 53 | 115 | 462.0 | 926.0 |
| Mn | 61703.61 | 0.034 | 659 | 65 | 18 | 22 | 77 | 240.5 | 664.1 |

**********

Statistics for Tie 37 FLT 56 Day 307

**********

Start Time 13:03:22 Start East 574567 Start Nrth 5410314
End Time 13:15:11 End East 574646 End Nrth 5434706

Elaps Time 00:11:49 Line Length = 24.392 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 59981.03 | 0.000 | 192 | 12 | 2 | 3 | 49 | 153.0 | 367.0 |
| Max | 62113.84 | 0.899 | 1409 | 149 | 50 | 57 | 108 | 506.0 | 877.0 |
| Mn | 61683.05 | 0.035 | 692 | 67 | 19 | 24 | 77 | 266.8 | 636.7 |

**********

Statistics for Tie 38 FLT 57 Day 307

**********

Start Time 14:34:45 Start East 574980 Start Nrth 5410218
End Time 14:46:53 End East 575015 End Nrth 5434881

Elaps Time 00:12:08 Line Length = 24.663 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61544.65 | 0.000 | 247 | 11 | 3 | 3 | 52 | 127.0 | 375.0 |
| Max | 62220.31 | 0.830 | 1491 | 165 | 54 | 67 | 105 | 479.0 | 868.0 |
| Mn | 61706.73 | 0.040 | 719 | 70 | 19 | 25 | 77 | 250.5 | 620.2 |

**********

Statistics for Tie 39 FLT 55 Day 305

**********

Start Time 15:56:06 Start East 575387 Start Nrth 5410297
End Time 16:01:15 End East 575434 End Nrth 5421459

Elaps Time 00:05:09 Line Length = 11.162 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61612.98 | 0.000 | 354 | 28 | 7 | 5 | 49 | 198.0 | 369.0 |
| Max | 61750.79 | 0.122 | 1111 | 134 | 41 | 46 | 109 | 606.0 | 848.0 |
| Mn | 61693.38 | 0.024 | 726 | 71 | 21 | 23 | 73 | 313.2 | 642.6 |

**********

Statistics for Tie 40 FLT 55 Day 305

**********

Start Time 15:13:11 Start East 575783 Start Nrth 5410215
End Time 15:18:25 End East 575815 End Nrth 5421908

Elaps Time 00:05:14 Line Length = 11.693 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61609.52 | 0.000 | 326 | 20 | 7 | 6 | 53 | 151.0 | 419.0 |
| Max | 61791.71 | 0.212 | 1265 | 140 | 44 | 48 | 107 | 498.0 | 846.0 |
| Mn | 61701.85 | 0.025 | 819 | 85 | 22 | 26 | 74 | 262.7 | 659.3 |

**********

Statistics for Tie 41 FLT 55 Day 305

**********

Start Time 15:19:10 Start East 576189 Start Nrth 5409923
End Time 15:26:14 End East 576216 End Nrth 5422235

Elaps Time 00:07:04 Line Length = 12.312 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61614.04 | 0.000 | 360 | 22 | 7 | 8 | 42 | 134.0 | 420.0 |
| Max | 61770.33 | 0.137 | 1382 | 186 | 42 | 55 | 106 | 431.0 | 829.0 |
| Mn | 61699.39 | 0.026 | 801 | 83 | 22 | 26 | 74 | 226.9 | 661.6 |

**********

Statistics for Tie 42 FLT 55 Day 305

**********

Start Time 15:27:39 Start East 576588 Start Nrth 5410124
End Time 15:32:33 End East 576618 End Nrth 5421720

Elaps Time 00:04:54 Line Length = 11.596 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61622.03 | 0.000 | 419 | 28 | 7 | 7 | 48 | 172.0 | 378.0 |
| Max | 61796.28 | 0.155 | 1263 | 152 | 46 | 55 | 101 | 495.0 | 822.0 |
| Mn | 61701.29 | 0.026 | 732 | 73 | 20 | 23 | 75 | 270.3 | 675.7 |

**********

Statistics for Tie 43 FLT 55 Day 305

**********

Start Time 15:33:29 Start East 576986 Start Nrth 5409725
End Time 15:40:08 End East 577011 End Nrth 5421386

Elaps Time 00:06:39 Line Length = 11.661 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61629.34 | 0.000 | 314 | 17 | 7 | 7 | 46 | 140.0 | 348.0 |
| Max | 61757.65 | 0.162 | 1681 | 212 | 47 | 62 | 101 | 438.0 | 810.0 |
| Mn | 61698.80 | 0.027 | 834 | 84 | 23 | 27 | 73 | 232.7 | 626.3 |

**********

Statistics for Tie 44 FLT 55 Day 305

**********

Start Time 15:41:04 Start East 577379 Start Nrth 5410064
End Time 15:46:08 End East 577413 End Nrth 5421600

Elaps Time 00:05:04 Line Length = 11.536 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61619.46 | 0.000 | 418 | 27 | 7 | 8 | 48 | 159.0 | 371.0 |
| Max | 61751.44 | 0.166 | 1486 | 170 | 46 | 59 | 100 | 477.0 | 756.0 |
| Mn | 61686.14 | 0.023 | 855 | 85 | 24 | 28 | 73 | 262.6 | 646.0 |

**********

Statistics for Tie 45 FLT 55 Day 305

**********

Start Time 15:46:57 Start East 577781 Start Nrth 5409813
End Time 15:54:01 End East 577813 End Nrth 5421552

Elaps Time 00:07:04 Line Length = 11.739 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61575.31 | 0.000 | 468 | 30 | 10 | 10 | 50 | 144.0 | 336.0 |
| Max | 61725.30 | 0.229 | 1658 | 201 | 49 | 73 | 104 | 366.0 | 758.0 |
| Mn | 61681.46 | 0.025 | 1009 | 106 | 26 | 33 | 72 | 227.9 | 594.3 |

**********

Statistics for Tie 46 FLT 60 Day 309

**********

Start Time 15:41:22 Start East 578193 Start Nrth 5386528
End Time 15:57:16 End East 578217 End Nrth 5418479

Elaps Time 00:15:54 Line Length = 31.951 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61635.98 | 0.000 | 300 | 18 | 6 | 8 | 44 | 153.0 | 289.0 |
| Max | 61809.23 | 0.158 | 1299 | 179 | 45 | 66 | 103 | 444.0 | 755.0 |
| Mn | 61746.77 | 0.024 | 827 | 86 | 20 | 29 | 70 | 247.0 | 481.3 |

**********

Statistics for Tie 47 FLT 60 Day 309

**********

Start Time 18:08:37 Start East 578587 Start Nrth 5385232
End Time 18:27:15 End East 578616 End Nrth 5418378

Elaps Time 00:18:38 Line Length = 33.146 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61653.31 | 0.000 | 285 | 23 | 4 | 3 | 44 | 149.0 | 293.6 |
| Max | 62270.59 | 0.124 | 1339 | 164 | 43 | 62 | 101 | 514.0 | 882.0 |
| Mn | 61747.16 | 0.022 | 814 | 84 | 20 | 29 | 70 | 252.9 | 481.7 |

**********

Statistics for Tie 48 FLT 61 Day 310

**********

Start Time 09:37:02 Start East 578989 Start Nrth 5386408
End Time 09:53:56 End East 579016 End Nrth 5418678

Elaps Time 00:16:54 Line Length = 32.270 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61615.85 | 0.000 | 374 | 28 | 6 | 5 | 43 | 143.0 | 294.0 |
| Max | 61780.95 | 0.238 | 1282 | 154 | 50 | 60 | 99 | 386.0 | 735.8 |
| Mn | 61710.17 | 0.021 | 821 | 84 | 21 | 28 | 70 | 246.7 | 459.4 |

**********

Statistics for Tie 49 FLT 61 Day 310

**********

Start Time 09:54:42 Start East 579389 Start Nrth 5386430
End Time 10:12:36 End East 579425 End Nrth 5418348

Elaps Time 00:17:54 Line Length = 31.918 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61613.96 | 0.000 | 336 | 25 | 4 | 4 | 46 | 164.0 | 314.0 |
| Max | 61781.44 | 0.221 | 1299 | 180 | 52 | 60 | 108 | 392.0 | 738.0 |
| Mn | 61710.15 | 0.022 | 842 | 86 | 22 | 29 | 69 | 244.3 | 435.3 |

**********

Statistics for Tie 50 FLT 61 Day 310

**********

Start Time 10:13:38 Start East 579786 Start Nrth 5386668
End Time 10:29:57 End East 579812 End Nrth 5418639

Elaps Time 00:16:19 Line Length = 31.971 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61609.66 | 0.000 | 342 | 19 | 5 | 6 | 45 | 160.0 | 281.5 |
| Max | 61773.63 | 0.143 | 1370 | 175 | 45 | 62 | 97 | 366.0 | 720.0 |
| Mn | 61710.36 | 0.021 | 838 | 86 | 22 | 30 | 69 | 243.7 | 417.1 |

**********

Statistics for Tie 51 FLT 62 Day 310

**********

Start Time 15:06:59 Start East 580140 Start Nrth 5389725
End Time 15:22:13 End East 580213 End Nrth 5418418

Elaps Time 00:15:14 Line Length = 28.693 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61638.23 | 0.000 | 431 | 30 | 7 | 8 | 43 | 162.0 | 288.0 |
| Max | 61809.85 | 0.213 | 1440 | 184 | 45 | 71 | 102 | 361.0 | 703.0 |
| Mn | 61730.18 | 0.030 | 789 | 78 | 20 | 29 | 69 | 237.8 | 402.7 |

**********

Statistics for Tie 52 FLT 62 Day 310

**********

Start Time 14:51:42 Start East 580583 Start Nrth 5390008
End Time 15:05:36 End East 580624 End Nrth 5419371

Elaps Time 00:13:54 Line Length = 29.363 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61632.90 | 0.000 | 425 | 23 | 6 | 9 | 47 | 158.0 | 266.0 |
| Max | 61814.96 | 0.251 | 1456 | 173 | 46 | 60 | 109 | 491.0 | 750.6 |
| Mn | 61728.88 | 0.025 | 779 | 76 | 20 | 29 | 69 | 252.8 | 402.4 |

**********

Statistics for Tie 53 FLT 59 Day 308

**********

Start Time 13:59:40 Start East 580960 Start Nrth 5389953
End Time 14:15:53 End East 581039 End Nrth 5418294

Elaps Time 00:16:13 Line Length = 28.341 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61635.25 | 0.000 | 393 | 24 | 6 | 9 | 47 | 126.0 | 291.0 |
| Max | 61791.69 | 0.188 | 1391 | 165 | 44 | 66 | 99 | 379.0 | 598.4 |
| Mn | 61725.73 | 0.023 | 815 | 80 | 22 | 30 | 70 | 233.4 | 368.3 |

**********

Statistics for Tie 54 FLT 59 Day 308

**********

Start Time 14:16:17 Start East 581346 Start Nrth 5390105
End Time 14:28:51 End East 581427 End Nrth 5418449

Elaps Time 00:12:34 Line Length = 28.344 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61639.70 | 0.000 | 409 | 25 | 8 | 10 | 42 | 161.0 | 287.0 |
| Max | 61786.67 | 0.756 | 1374 | 153 | 46 | 80 | 99 | 355.0 | 670.0 |
| Mn | 61723.61 | 0.021 | 833 | 82 | 22 | 31 | 70 | 233.2 | 373.4 |

**********

Statistics for Tie 55 FLT 59 Day 308

**********

Start Time 14:29:34 Start East 581787 Start Nrth 5389895
End Time 14:45:18 End East 581848 End Nrth 5418540

Elaps Time 00:15:44 Line Length = 28.645 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61642.12 | 0.000 | 436 | 22 | 7 | 7 | 46 | 156.0 | 293.0 |
| Max | 61815.90 | 0.165 | 1330 | 144 | 51 | 65 | 109 | 386.0 | 703.0 |
| Mn | 61732.24 | 0.026 | 824 | 80 | 22 | 30 | 70 | 234.4 | 380.2 |

**********

Statistics for Tie 56 FLT 59 Day 308

**********

Start Time 14:45:44 Start East 582116 Start Nrth 5389875
End Time 14:58:43 End East 582228 End Nrth 5418740

Elaps Time 00:12:59 Line Length = 28.865 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61657.05 | 0.000 | 358 | 22 | 4 | 6 | 45 | 140.0 | 297.0 |
| Max | 61813.52 | 0.206 | 1348 | 185 | 48 | 60 | 100 | 453.0 | 727.0 |
| Mn | 61736.82 | 0.023 | 790 | 78 | 21 | 29 | 70 | 245.0 | 385.8 |

**********

Statistics for Tie 57 FLT 59 Day 308

**********

Start Time 16:08:47 Start East 582589 Start Nrth 5389598
End Time 16:24:35 End East 582630 End Nrth 5418570

Elaps Time 00:15:48 Line Length = 28.972 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61624.11 | 0.000 | 445 | 22 | 7 | 9 | 45 | 176.0 | 294.0 |
| Max | 61830.51 | 0.221 | 1337 | 156 | 51 | 68 | 104 | 402.0 | 643.0 |
| Mn | 61768.65 | 0.027 | 829 | 85 | 21 | 29 | 70 | 239.7 | 383.9 |

**********

Statistics for Tie 58 FLT 62 Day 310

**********

Start Time 14:00:15 Start East 582979 Start Nrth 5389268
End Time 14:16:28 End East 583011 End Nrth 5418450

Elaps Time 00:16:13 Line Length = 29.182 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61646.97 | 0.000 | 345 | 19 | 5 | 6 | 46 | 145.0 | 295.0 |
| Max | 61774.14 | 0.171 | 1409 | 181 | 47 | 71 | 97 | 368.0 | 678.0 |
| Mn | 61719.13 | 0.026 | 840 | 88 | 21 | 29 | 69 | 236.6 | 405.7 |

**********

Statistics for Tie 59 FLT 62 Day 310

**********

Start Time 14:17:24 Start East 583382 Start Nrth 5388704
End Time 14:31:43 End East 583421 End Nrth 5418685

Elaps Time 00:14:19 Line Length = 29.981 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61557.67 | 0.000 | 267 | 15 | 2 | 6 | 46 | 162.0 | 290.0 |
| Max | 61943.24 | 0.171 | 1353 | 166 | 39 | 62 | 105 | 480.0 | 729.0 |
| Mn | 61721.53 | 0.025 | 717 | 74 | 18 | 25 | 70 | 252.7 | 434.3 |

**********

Statistics for Tie 60 FLT 62 Day 310

**********

Start Time 14:32:57 Start East 583788 Start Nrth 5389247
End Time 14:48:51 End East 583812 End Nrth 5418376

Elaps Time 00:15:54 Line Length = 29.129 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61650.18 | 0.000 | 313 | 16 | 3 | 4 | 45 | 151.0 | 289.0 |
| Max | 62275.24 | 0.178 | 1343 | 180 | 40 | 50 | 98 | 472.0 | 711.0 |
| Mn | 61733.85 | 0.027 | 716 | 73 | 18 | 25 | 70 | 241.2 | 436.6 |

**********

Statistics for Tie 61 FLT 41 Day 297

**********

Start Time 15:23:25 Start East 584172 Start Nrth 5402349
End Time 15:33:08 End East 584215 End Nrth 5418431

Elaps Time 00:09:43 Line Length = 16.082 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61650.05 | 0.000 | 360 | 15 | 8 | 3 | 50 | 132.0 | 317.0 |
| Max | 61747.10 | 0.193 | 1217 | 158 | 37 | 50 | 98 | 296.0 | 720.0 |
| Mn | 61708.63 | 0.028 | 736 | 71 | 20 | 25 | 72 | 205.8 | 480.5 |

**********

Statistics for Tie 62 FLT 41 Day 297

**********

Start Time 15:34:04 Start East 584582 Start Nrth 5402651
End Time 15:41:58 End East 584644 End Nrth 5418420

Elaps Time 00:07:54 Line Length = 15.769 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61648.64 | 0.000 | 421 | 20 | 5 | 9 | 48 | 150.0 | 327.0 |
| Max | 61745.42 | 0.208 | 1349 | 172 | 44 | 57 | 102 | 382.0 | 726.0 |
| Mn | 61703.85 | 0.027 | 756 | 76 | 20 | 26 | 71 | 235.0 | 486.7 |

**********

Statistics for Tie 63 FLT 41 Day 297

**********

Start Time 15:43:01 Start East 584993 Start Nrth 5402365
End Time 15:52:55 End East 585024 End Nrth 5418400

Elaps Time 00:09:54 Line Length = 16.035 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61617.15 | 0.000 | 409 | 24 | 4 | 7 | 47 | 118.0 | 325.0 |
| Max | 62134.64 | 0.288 | 1343 | 169 | 43 | 54 | 100 | 332.0 | 697.0 |
| Mn | 61709.16 | 0.030 | 797 | 80 | 21 | 27 | 72 | 203.8 | 480.7 |

**********

Statistics for Tie 64 FLT 41 Day 297

**********

Start Time 15:53:52 Start East 585388 Start Nrth 5402651
End Time 16:01:21 End East 585420 End Nrth 5418534

Elaps Time 00:07:29 Line Length = 15.883 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61559.67 | 0.000 | 393 | 21 | 7 | 9 | 47 | 142.0 | 329.0 |
| Max | 61754.40 | 0.271 | 1397 | 176 | 41 | 59 | 98 | 371.0 | 643.8 |
| Mn | 61694.00 | 0.028 | 833 | 85 | 21 | 28 | 71 | 235.3 | 465.3 |

**********

Statistics for Tie 65 FLT 41 Day 297

**********

Start Time 16:01:59 Start East 585792 Start Nrth 5402237
End Time 16:11:13 End East 586288 End Nrth 5417570

Elaps Time 00:09:14 Line Length = 15.341 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61651.82 | 0.000 | 373 | 18 | 6 | 6 | 47 | 139.0 | 316.0 |
| Max | 61764.06 | 0.809 | 1578 | 195 | 43 | 63 | 97 | 496.0 | 620.0 |
| Mn | 61699.89 | 0.029 | 842 | 86 | 21 | 28 | 70 | 221.5 | 439.2 |

**********

Statistics for Tie 65 FLT 41 Day 297

**********

Start Time 16:11:45 Start East 585793 Start Nrth 5416594
End Time 16:12:49 End East 585824 End Nrth 5418542

Elaps Time 00:01:04 Line Length = 1.948 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61651.52 | 0.000 | 641 | 55 | 11 | 18 | 53 | 149.0 | 421.0 |
| Max | 61665.90 | 0.122 | 1003 | 115 | 34 | 43 | 94 | 321.0 | 572.9 |
| Mn | 61660.68 | 0.025 | 784 | 78 | 21 | 26 | 71 | 229.5 | 505.4 |

**********

Statistics for Tie 66 FLT 41 Day 297

**********

Start Time 16:13:33 Start East 586170 Start Nrth 5402478
End Time 16:21:12 End East 586220 End Nrth 5418653

Elaps Time 00:07:39 Line Length = 16.175 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61642.25 | 0.000 | 415 | 21 | 9 | 8 | 49 | 127.0 | 309.0 |
| Max | 61752.07 | 0.148 | 1573 | 199 | 45 | 63 | 98 | 366.0 | 605.0 |
| Mn | 61697.64 | 0.026 | 891 | 93 | 22 | 30 | 70 | 230.8 | 434.4 |

**********

Statistics for Tie 67 FLT 41 Day 297

**********

Start Time 16:21:48 Start East 586584 Start Nrth 5402487
End Time 16:30:42 End East 586632 End Nrth 5418414

Elaps Time 00:08:54 Line Length = 15.927 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61617.70 | 0.000 | 322 | 15 | 8 | 4 | 47 | 118.0 | 246.0 |
| Max | 61744.76 | 0.139 | 1817 | 222 | 53 | 67 | 95 | 385.0 | 572.0 |
| Mn | 61699.09 | 0.029 | 916 | 96 | 23 | 30 | 69 | 213.4 | 400.3 |

**********

Statistics for Tie 68 FLT 41 Day 297

**********

Start Time 16:31:17 Start East 586960 Start Nrth 5401813
End Time 16:39:40 End East 587022 End Nrth 5418474

Elaps Time 00:08:23 Line Length = 16.661 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61647.26 | 0.000 | 410 | 20 | 8 | 9 | 47 | 145.0 | 271.0 |
| Max | 61776.27 | 0.129 | 1486 | 194 | 44 | 61 | 112 | 435.0 | 567.0 |
| Mn | 61699.73 | 0.024 | 869 | 89 | 22 | 29 | 69 | 233.6 | 396.2 |

**********

Statistics for Tie 69 FLT 41 Day 297

**********

Start Time 16:40:18 Start East 587383 Start Nrth 5401829
End Time 16:50:07 End East 587423 End Nrth 5418387

Elaps Time 00:09:49 Line Length = 16.558 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61631.33 | 0.000 | 394 | 20 | 3 | 8 | 45 | 112.0 | 225.0 |
| Max | 61725.56 | 0.161 | 1480 | 179 | 44 | 63 | 100 | 366.0 | 551.0 |
| Mn | 61698.19 | 0.028 | 909 | 92 | 23 | 31 | 69 | 211.6 | 364.2 |

**********

Statistics for Tie 70 FLT 41 Day 297

**********

Start Time 16:50:44 Start East 587771 Start Nrth 5402577
End Time 16:59:03 End East 587829 End Nrth 5418534

Elaps Time 00:08:19 Line Length = 15.957 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61649.42 | 0.000 | 341 | 17 | 9 | 6 | 43 | 139.0 | 222.0 |
| Max | 61724.53 | 0.172 | 1419 | 185 | 48 | 57 | 100 | 358.0 | 536.0 |
| Mn | 61694.89 | 0.025 | 959 | 98 | 24 | 32 | 69 | 214.7 | 360.0 |

**********

Statistics for Tie 71 FLT 41 Day 297

**********

Start Time 16:59:45 Start East 588174 Start Nrth 5402484
End Time 17:10:09 End East 588212 End Nrth 5421510

Elaps Time 00:10:24 Line Length = 19.026 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61643.45 | 0.000 | 349 | 13 | 8 | 7 | 40 | 144.0 | 219.0 |
| Max | 61721.26 | 0.288 | 1434 | 175 | 48 | 65 | 93 | 350.0 | 511.0 |
| Mn | 61688.25 | 0.026 | 982 | 101 | 25 | 33 | 68 | 218.3 | 368.9 |

**********

Statistics for Tie 72 FLT 41 Day 297

**********

Start Time 17:10:49 Start East 588546 Start Nrth 5402527
End Time 17:20:13 End East 588615 End Nrth 5421562

Elaps Time 00:09:24 Line Length = 19.035 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61640.89 | 0.000 | 455 | 37 | 6 | 10 | 47 | 147.0 | 195.0 |
| Max | 61722.13 | 0.152 | 1339 | 173 | 49 | 65 | 99 | 395.0 | 494.0 |
| Mn | 61685.23 | 0.025 | 1000 | 103 | 25 | 33 | 68 | 230.7 | 349.4 |

**********

Statistics for Tie 73 FLT 41 Day 297

**********

Start Time 17:20:55 Start East 588974 Start Nrth 5402338
End Time 17:31:14 End East 589032 End Nrth 5421375

Elaps Time 00:10:19 Line Length = 19.037 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61638.03 | 0.000 | 392 | 22 | 8 | 9 | 46 | 132.0 | 199.0 |
| Max | 61747.23 | 0.176 | 1421 | 163 | 45 | 60 | 92 | 364.0 | 492.0 |
| Mn | 61688.74 | 0.025 | 973 | 100 | 25 | 32 | 68 | 216.4 | 328.1 |

**********

Statistics for Tie 74 FLT 41 Day 297

**********

Start Time 17:32:01 Start East 589331 Start Nrth 5402565
End Time 17:41:11 End East 589437 End Nrth 5421439

Elaps Time 00:09:10 Line Length = 18.874 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61621.15 | 0.000 | 449 | 31 | 6 | 9 | 44 | 144.0 | 190.0 |
| Max | 61713.06 | 0.162 | 1257 | 157 | 43 | 51 | 93 | 460.0 | 482.0 |
| Mn | 61686.48 | 0.023 | 861 | 85 | 23 | 29 | 67 | 239.2 | 323.5 |

**********

Statistics for Tie 75 FLT 43 Day 299

**********

Start Time 12:10:46 Start East 589789 Start Nrth 5402557
End Time 12:19:55 End East 589840 End Nrth 5421516

Elaps Time 00:09:09 Line Length = 18.959 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61616.20 | 0.000 | 405 | 28 | 8 | 9 | 43 | 136.0 | 170.2 |
| Max | 61715.48 | 0.230 | 1293 | 157 | 43 | 52 | 92 | 349.0 | 468.0 |
| Mn | 61680.11 | 0.031 | 867 | 89 | 21 | 30 | 65 | 208.6 | 292.3 |

**********

Statistics for Tie 76 FLT 43 Day 299

**********

Start Time 12:01:43 Start East 590187 Start Nrth 5402449
End Time 12:10:02 End East 590243 End Nrth 5421563

Elaps Time 00:08:19 Line Length = 19.114 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61634.98 | 0.000 | 437 | 36 | 3 | 11 | 43 | 140.0 | 185.0 |
| Max | 61726.18 | 0.251 | 1308 | 173 | 48 | 53 | 93 | 377.0 | 471.0 |
| Mn | 61676.81 | 0.029 | 834 | 84 | 21 | 28 | 65 | 222.8 | 287.8 |

**********

Statistics for Tie 77 FLT 43 Day 299

**********

Start Time 11:51:47 Start East 590575 Start Nrth 5402474
End Time 12:01:06 End East 590639 End Nrth 5421524

Elaps Time 00:09:19 Line Length = 19.050 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61632.99 | 0.000 | 427 | 29 | 6 | 9 | 39 | 128.0 | 159.0 |
| Max | 61827.61 | 0.213 | 1246 | 147 | 42 | 58 | 93 | 322.0 | 509.0 |
| Mn | 61678.46 | 0.029 | 832 | 84 | 20 | 29 | 66 | 212.7 | 297.0 |

**********

Statistics for Tie 78 FLT 43 Day 299

**********

Start Time 11:33:05 Start East 590986 Start Nrth 5402556
End Time 11:41:09 End East 591026 End Nrth 5421443

Elaps Time 00:08:04 Line Length = 18.887 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61633.55 | 0.000 | 298 | 21 | 4 | 8 | 44 | 146.0 | 169.0 |
| Max | 61729.57 | 0.214 | 1320 | 155 | 46 | 57 | 93 | 360.0 | 507.6 |
| Mn | 61676.57 | 0.027 | 829 | 83 | 21 | 28 | 65 | 225.3 | 288.8 |

**********

Statistics for Tie 79 FLT 43 Day 299

**********

Start Time 11:23:02 Start East 591375 Start Nrth 5402591
End Time 11:32:21 End East 591419 End Nrth 5421628

Elaps Time 00:09:19 Line Length = 19.037 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61627.78 | 0.000 | 267 | 19 | 5 | 7 | 42 | 135.0 | 173.0 |
| Max | 61703.38 | 0.249 | 1751 | 208 | 55 | 70 | 91 | 355.0 | 463.0 |
| Mn | 61674.00 | 0.031 | 860 | 87 | 22 | 30 | 65 | 220.8 | 272.6 |

**********

Statistics for Tie 80 FLT 43 Day 299

**********

Start Time 11:13:55 Start East 591781 Start Nrth 5402574
End Time 11:22:14 End East 591818 End Nrth 5421431

Elaps Time 00:08:19 Line Length = 18.857 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61560.81 | 0.000 | 347 | 23 | 7 | 4 | 39 | 131.0 | 155.0 |
| Max | 61986.84 | 0.215 | 2043 | 261 | 56 | 77 | 94 | 322.0 | 558.0 |
| Mn | 61677.00 | 0.029 | 1051 | 109 | 26 | 36 | 64 | 213.6 | 247.8 |

**********

Statistics for Tie 81 FLT 43 Day 299

**********

Start Time 11:03:04 Start East 592175 Start Nrth 5402768
End Time 11:12:58 End East 592215 End Nrth 5421578

Elaps Time 00:09:54 Line Length = 18.810 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61631.52 | 0.000 | 332 | 25 | 2 | 5 | 40 | 146.0 | 141.0 |
| Max | 62400.37 | 0.323 | 1995 | 243 | 58 | 79 | 98 | 338.0 | 696.0 |
| Mn | 61699.00 | 0.033 | 1113 | 117 | 27 | 37 | 65 | 216.5 | 259.3 |

**********

Statistics for Tie 82 FLT 43 Day 299

**********

Start Time 10:53:56 Start East 592578 Start Nrth 5402595
End Time 11:02:20 End East 592625 End Nrth 5421504

Elaps Time 00:08:24 Line Length = 18.909 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61477.67 | 0.000 | 364 | 35 | 6 | 8 | 43 | 132.0 | 139.0 |
| Max | 61758.74 | 0.188 | 1917 | 244 | 54 | 86 | 88 | 366.0 | 504.6 |
| Mn | 61673.60 | 0.027 | 1113 | 122 | 27 | 36 | 65 | 230.4 | 259.3 |

**********

Statistics for Tie 83 FLT 43 Day 299

**********

Start Time 10:43:03 Start East 592982 Start Nrth 5402488
End Time 10:53:02 End East 593021 End Nrth 5421580

Elaps Time 00:09:59 Line Length = 19.092 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61630.45 | 0.000 | 418 | 41 | 3 | 6 | 43 | 123.0 | 136.0 |
| Max | 61760.73 | 0.242 | 2006 | 228 | 57 | 75 | 104 | 323.0 | 453.0 |
| Mn | 61676.89 | 0.032 | 1153 | 123 | 27 | 38 | 65 | 213.4 | 262.7 |

**********

Statistics for Tie 84 FLT 43 Day 299

**********

Start Time 10:33:23 Start East 593389 Start Nrth 5402709
End Time 10:42:12 End East 593425 End Nrth 5421526

Elaps Time 00:08:49 Line Length = 18.817 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61633.69 | 0.000 | 364 | 26 | 8 | 8 | 42 | 148.0 | 150.0 |
| Max | 61755.91 | 0.188 | 2000 | 237 | 57 | 64 | 92 | 359.0 | 431.0 |
| Mn | 61676.14 | 0.026 | 1064 | 114 | 26 | 35 | 66 | 230.8 | 282.1 |

**********

Statistics for Tie 84 FLT 58 Day 308

**********

Start Time 10:31:00 Start East 593387 Start Nrth 5402643
End Time 10:39:49 End East 593418 End Nrth 5421615

Elaps Time 00:08:49 Line Length = 18.972 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61625.00 | 0.000 | 406 | 27 | 6 | 7 | 42 | 167.0 | 151.0 |
| Max | 61754.62 | 0.126 | 2016 | 227 | 56 | 70 | 95 | 438.0 | 433.0 |
| Mn | 61673.49 | 0.020 | 1077 | 113 | 28 | 35 | 68 | 241.3 | 285.4 |

**********

Statistics for Tie 85 FLT 43 Day 299

**********

Start Time 10:23:00 Start East 593746 Start Nrth 5402536
End Time 10:32:54 End East 593852 End Nrth 5421774

Elaps Time 00:09:54 Line Length = 19.238 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61623.43 | 0.000 | 305 | 17 | 6 | 7 | 43 | 142.0 | 142.4 |
| Max | 61752.55 | 0.434 | 2032 | 259 | 60 | 95 | 91 | 339.0 | 477.8 |
| Mn | 61665.59 | 0.035 | 1100 | 120 | 26 | 36 | 66 | 221.9 | 297.9 |

**********

Statistics for Tie 85 FLT 58 Day 308

**********

Start Time 10:21:59 Start East 593792 Start Nrth 5402531
End Time 10:30:08 End East 593816 End Nrth 5421293

Elaps Time 00:08:09 Line Length = 18.762 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61622.03 | 0.000 | 326 | 27 | 8 | 7 | 45 | 156.0 | 148.0 |
| Max | 61741.51 | 0.143 | 1790 | 227 | 53 | 75 | 97 | 403.0 | 475.0 |
| Mn | 61659.46 | 0.020 | 1073 | 113 | 27 | 34 | 68 | 243.8 | 305.9 |

**********

Statistics for Tie 86 FLT 43 Day 299

**********

Start Time 10:13:21 Start East 594179 Start Nrth 5402508
End Time 10:22:20 End East 594227 End Nrth 5421694

Elaps Time 00:08:59 Line Length = 19.186 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61620.00 | 0.000 | 289 | 18 | 4 | 4 | 41 | 128.0 | 141.0 |
| Max | 61726.34 | 0.169 | 1841 | 226 | 57 | 65 | 95 | 361.0 | 420.0 |
| Mn | 61659.70 | 0.029 | 1031 | 110 | 25 | 34 | 66 | 236.3 | 289.0 |

**********

Statistics for Tie 86 FLT 58 Day 308

**********

Start Time 10:11:24 Start East 594183 Start Nrth 5402666
End Time 10:21:03 End East 594208 End Nrth 5422692

Elaps Time 00:09:39 Line Length = 20.026 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61600.83 | 0.000 | 336 | 23 | 7 | 8 | 47 | 161.0 | 147.0 |
| Max | 61728.12 | 0.099 | 1894 | 227 | 59 | 78 | 104 | 409.0 | 434.0 |
| Mn | 61647.31 | 0.020 | 1106 | 118 | 28 | 35 | 68 | 235.8 | 288.4 |

**********

Statistics for Tie 87 FLT 43 Day 299

**********

Start Time 10:02:32 Start East 594582 Start Nrth 5402694
End Time 10:12:31 End East 594646 End Nrth 5421853

Elaps Time 00:09:59 Line Length = 19.159 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61623.82 | 0.000 | 229 | 14 | 5 | 6 | 41 | 134.0 | 122.0 |
| Max | 61745.17 | 0.233 | 1922 | 244 | 55 | 70 | 92 | 371.0 | 425.0 |
| Mn | 61663.86 | 0.035 | 982 | 107 | 24 | 31 | 65 | 222.6 | 267.5 |

**********

Statistics for Tie 87 FLT 58 Day 308

**********

Start Time 10:01:23 Start East 594588 Start Nrth 5402261
End Time 10:10:37 End East 594621 End Nrth 5422461

Elaps Time 00:09:14 Line Length = 20.200 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61605.37 | 0.000 | 266 | 14 | 6 | 4 | 44 | 142.0 | 139.0 |
| Max | 61726.29 | 0.132 | 1940 | 252 | 52 | 64 | 91 | 447.0 | 424.0 |
| Mn | 61657.04 | 0.021 | 995 | 106 | 26 | 31 | 67 | 233.3 | 276.5 |

**********

Statistics for Tie 88 FLT 43 Day 299

**********

Start Time 09:52:57 Start East 594982 Start Nrth 5402393
End Time 10:01:46 End East 595032 End Nrth 5421438

Elaps Time 00:08:49 Line Length = 19.045 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61616.36 | 0.000 | 428 | 31 | 6 | 9 | 42 | 145.0 | 119.0 |
| Max | 61870.53 | 0.188 | 1848 | 241 | 50 | 62 | 94 | 413.0 | 419.0 |
| Mn | 61657.38 | 0.029 | 953 | 104 | 23 | 30 | 64 | 237.7 | 244.6 |

**********

Statistics for Tie 88 FLT 58 Day 308

**********

Start Time 09:50:40 Start East 594990 Start Nrth 5402591
End Time 10:00:19 End East 595016 End Nrth 5421895

Elaps Time 00:09:39 Line Length = 19.304 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61598.36 | 0.000 | 475 | 34 | 8 | 8 | 43 | 134.0 | 128.0 |
| Max | 61718.80 | 0.143 | 1919 | 249 | 72 | 65 | 98 | 527.8 | 418.0 |
| Mn | 61649.94 | 0.021 | 1012 | 107 | 26 | 31 | 67 | 238.9 | 249.0 |

**********

Statistics for Tie 89 FLT 43 Day 299

**********

Start Time 09:42:07 Start East 595369 Start Nrth 5402506
End Time 09:52:11 End East 595440 End Nrth 5421639

Elaps Time 00:10:04 Line Length = 19.133 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61544.22 | 0.000 | 369 | 26 | 6 | 6 | 43 | 139.0 | 117.0 |
| Max | 61694.53 | 0.154 | 1882 | 228 | 56 | 73 | 91 | 353.0 | 411.0 |
| Mn | 61646.50 | 0.027 | 1007 | 114 | 24 | 30 | 65 | 234.8 | 249.6 |

**********

Statistics for Tie 90 FLT 43 Day 299

**********

Start Time 09:32:18 Start East 595788 Start Nrth 5402539
End Time 09:40:42 End East 595819 End Nrth 5421473

Elaps Time 00:08:24 Line Length = 18.934 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61610.92 | 0.000 | 412 | 31 | 6 | 8 | 39 | 150.0 | 99.0 |
| Max | 62197.41 | 0.208 | 1754 | 217 | 47 | 64 | 95 | 406.0 | 464.0 |
| Mn | 61659.48 | 0.027 | 928 | 104 | 22 | 29 | 64 | 234.2 | 254.2 |

**********

Statistics for Tie 90 FLT 58 Day 308

**********

Start Time 09:40:38 Start East 595791 Start Nrth 5402121
End Time 09:49:42 End East 595813 End Nrth 5421418

Elaps Time 00:09:04 Line Length = 19.297 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61488.78 | 0.000 | 452 | 33 | 8 | 7 | 43 | 141.0 | 105.0 |
| Max | 62107.88 | 0.160 | 1838 | 219 | 61 | 66 | 104 | 449.0 | 478.2 |
| Mn | 61654.61 | 0.021 | 974 | 107 | 25 | 29 | 66 | 233.4 | 260.4 |

**********

Statistics for Tie 91 FLT 58 Day 308

**********

Start Time 09:29:28 Start East 596192 Start Nrth 5402528
End Time 09:39:32 End East 596215 End Nrth 5422760

Elaps Time 00:10:04 Line Length = 20.232 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61603.51 | 0.000 | 288 | 23 | 3 | 6 | 43 | 159.0 | 130.0 |
| Max | 61840.24 | 0.173 | 1945 | 228 | 57 | 66 | 96 | 393.0 | 496.0 |
| Mn | 61641.48 | 0.020 | 1033 | 112 | 26 | 32 | 67 | 247.9 | 248.4 |

**********

Statistics for Tie 92 FLT 43 Day 299

**********

Start Time 09:11:42 Start East 596582 Start Nrth 5402162
End Time 09:20:21 End East 596626 End Nrth 5422034

Elaps Time 00:08:39 Line Length = 19.872 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61591.29 | 0.000 | 483 | 36 | 6 | 11 | 47 | 153.0 | 114.0 |
| Max | 61776.94 | 0.230 | 1907 | 237 | 58 | 62 | 93 | 369.0 | 505.8 |
| Mn | 61643.66 | 0.028 | 989 | 108 | 24 | 32 | 65 | 245.9 | 264.8 |

**********

Statistics for Tie 93 FLT 42 Day 298

**********

Start Time 17:04:25 Start East 596970 Start Nrth 5402641
End Time 17:13:39 End East 597031 End Nrth 5421950

Elaps Time 00:09:14 Line Length = 19.309 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61622.82 | 0.000 | 586 | 38 | 7 | 11 | 42 | 157.0 | 100.0 |
| Max | 61704.07 | 0.327 | 1726 | 247 | 64 | 62 | 90 | 358.0 | 409.0 |
| Mn | 61662.48 | 0.031 | 1040 | 114 | 24 | 33 | 66 | 230.6 | 244.5 |

**********

Statistics for Tie 94 FLT 42 Day 298

**********

Start Time 16:53:27 Start East 597375 Start Nrth 5402514
End Time 17:03:46 End East 597448 End Nrth 5421659

Elaps Time 00:10:19 Line Length = 19.145 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61584.99 | 0.000 | 475 | 43 | 4 | 8 | 46 | 131.0 | 110.0 |
| Max | 61873.49 | 0.230 | 1885 | 243 | 49 | 67 | 97 | 407.0 | 536.2 |
| Mn | 61660.62 | 0.034 | 1075 | 116 | 26 | 34 | 66 | 208.7 | 259.8 |

# APPENDIX 7

# DATA STATISTICS

## Flight Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Mt Horror |
| Area: | 2 |
| Traverse Lines: | 1 - 92 |

**********
Statistics for Trav 1 FLT 25 Day 284
**********

Start Time 09:23:22 Start East 559284 Start Nrth 5458191
End Time 09:27:31 End East 568377 End Nrth 5458207

Elaps Time 00:04:09 Line Length = 9.093 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61540.00 | 0.000 | 337 | 15 | 7 | 9 | 40 | 162.0 | 197.0 |
| Max | 61575.26 | 0.119 | 1199 | 138 | 43 | 45 | 93 | 314.0 | 281.0 |
| Mn | 61556.91 | 0.024 | 677 | 55 | 22 | 25 | 60 | 233.1 | 225.8 |

**********
Statistics for Trav 2 FLT 25 Day 284
**********

Start Time 09:28:54 Start East 559098 Start Nrth 5457993
End Time 09:33:58 End East 569328 End Nrth 5458008

Elaps Time 00:05:04 Line Length = 10.230 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61540.28 | 0.000 | 381 | 17 | 6 | 9 | 37 | 161.0 | 161.0 |
| Max | 61574.00 | 0.083 | 1491 | 178 | 58 | 54 | 86 | 313.0 | 276.0 |
| Mn | 61555.88 | 0.021 | 711 | 59 | 23 | 26 | 61 | 250.2 | 225.1 |

**********
Statistics for Trav 3 FLT 25 Day 284
**********

Start Time 09:34:47 Start East 558689 Start Nrth 5457776
End Time 09:39:51 End East 568260 End Nrth 5457813

Elaps Time 00:05:04 Line Length = 9.571 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61537.27 | 0.000 | 204 | 13 | 4 | 6 | 40 | 133.0 | 189.0 |
| Max | 61576.12 | 0.190 | 1657 | 201 | 60 | 53 | 81 | 315.0 | 303.0 |
| Mn | 61557.21 | 0.023 | 721 | 61 | 23 | 26 | 61 | 224.2 | 232.4 |

**********

Statistics for Trav 4 FLT 25 Day 284

**********

Start Time 09:41:07 Start East 559585 Start Nrth 5457590
End Time 09:46:16 End East 569327 End Nrth 5457604

Elaps Time 00:05:09 Line Length = 9.742 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61537.44 | 0.000 | 177 | 8 | 6 | 7 | 39 | 137.0 | 161.0 |
| Max | 61571.91 | 0.096 | 1311 | 155 | 51 | 50 | 83 | 305.0 | 290.0 |
| Mn | 61553.32 | 0.022 | 699 | 59 | 23 | 25 | 61 | 236.9 | 228.9 |

**********

Statistics for Trav 5 FLT 25 Day 284

**********

Start Time 09:47:11 Start East 559272 Start Nrth 5457392
End Time 09:51:40 End East 568350 End Nrth 5457407

Elaps Time 00:04:29 Line Length = 9.078 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61538.21 | 0.000 | 211 | 11 | 5 | 2 | 43 | 168.0 | 191.0 |
| Max | 61573.12 | 0.156 | 1391 | 152 | 49 | 59 | 86 | 355.0 | 302.0 |
| Mn | 61554.67 | 0.024 | 652 | 53 | 22 | 24 | 61 | 242.9 | 236.7 |

**********

Statistics for Trav 6 FLT 25 Day 284

**********

Start Time 09:52:49 Start East 559642 Start Nrth 5457193
End Time 09:57:48 End East 568778 End Nrth 5457216

Elaps Time 00:04:59 Line Length = 9.136 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61538.10 | 0.000 | 212 | 9 | 6 | 1 | 43 | 148.0 | 187.0 |
| Max | 61569.11 | 0.117 | 1320 | 161 | 46 | 57 | 84 | 304.0 | 297.0 |
| Mn | 61552.60 | 0.022 | 666 | 57 | 22 | 24 | 61 | 233.5 | 232.8 |

**********
Statistics for Trav 6 FLT 29 Day 286
**********

Start Time 09:54:44 Start East 559404 Start Nrth 5457191
End Time 09:59:07 End East 568405 End Nrth 5457207

Elaps Time 00:04:23 Line Length = 9.001 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61546.56 | 0.000 | 219 | 10 | 4 | 3 | 42 | 157.0 | 191.0 |
| Max | 61580.33 | 0.142 | 1293 | 148 | 45 | 53 | 82 | 364.0 | 318.0 |
| Mn | 61564.08 | 0.025 | 617 | 52 | 20 | 23 | 61 | 259.6 | 241.1 |

**********
Statistics for Trav 7 FLT 25 Day 284
**********

Start Time 09:59:01 Start East 559618 Start Nrth 5456990
End Time 10:03:25 End East 568315 End Nrth 5457006

Elaps Time 00:04:24 Line Length = 8.697 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61536.31 | 0.000 | 206 | 11 | 5 | 7 | 40 | 138.0 | 181.0 |
| Max | 61572.10 | 0.152 | 1408 | 168 | 47 | 47 | 88 | 374.8 | 360.0 |
| Mn | 61554.34 | 0.026 | 619 | 50 | 20 | 23 | 62 | 232.7 | 239.5 |

**********
Statistics for Trav 8 FLT 25 Day 284
**********

Start Time 10:04:43 Start East 559751 Start Nrth 5456792
End Time 10:10:02 End East 569257 End Nrth 5456808

Elaps Time 00:05:19 Line Length = 9.506 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61535.33 | 0.000 | 198 | 12 | 7 | 6 | 45 | 150.0 | 168.0 |
| Max | 61570.93 | 0.105 | 1257 | 155 | 54 | 51 | 85 | 339.0 | 354.0 |
| Mn | 61553.81 | 0.021 | 616 | 51 | 20 | 23 | 61 | 247.6 | 241.4 |

**********

Statistics for Trav 9 FLT 25 Day 284

**********

Start Time 10:11:32 Start East 559115 Start Nrth 5456589
End Time 10:16:11 End East 568437 End Nrth 5456634

Elaps Time 00:04:39 Line Length = 9.322 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61541.32 | 0.000 | 237 | 11 | 5 | 2 | 38 | 193.0 | 170.0 |
| Max | 61580.40 | 0.123 | 1235 | 138 | 41 | 47 | 89 | 457.0 | 410.2 |
| Mn | 61559.48 | 0.027 | 573 | 46 | 19 | 21 | 62 | 270.8 | 263.3 |

**********

Statistics for Trav 10 FLT 25 Day 284

**********

Start Time 10:17:24 Start East 559540 Start Nrth 5456391
End Time 10:22:38 End East 569264 End Nrth 5456412

Elaps Time 00:05:14 Line Length = 9.724 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61537.01 | 0.000 | 287 | 12 | 6 | 5 | 42 | 186.0 | 167.0 |
| Max | 61577.09 | 0.128 | 1035 | 111 | 46 | 47 | 84 | 377.0 | 378.0 |
| Mn | 61556.52 | 0.023 | 558 | 44 | 19 | 21 | 62 | 258.1 | 260.4 |

**********

Statistics for Trav 11 FLT 25 Day 284

**********

Start Time 10:23:46 Start East 558934 Start Nrth 5456180
End Time 10:28:45 End East 568355 End Nrth 5456208

Elaps Time 00:04:59 Line Length = 9.421 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61541.92 | 0.000 | 206 | 14 | 4 | 1 | 39 | 159.0 | 159.0 |
| Max | 61580.70 | 0.117 | 854 | 90 | 44 | 47 | 83 | 493.0 | 393.0 |
| Mn | 61560.43 | 0.023 | 569 | 46 | 19 | 21 | 63 | 267.5 | 282.7 |

**********

Statistics for Trav 12 FLT 25 Day 284

**********

Start Time 10:29:44 Start East 559592 Start Nrth 5455990
End Time 10:34:38 End East 568845 End Nrth 5456008

Elaps Time 00:04:54 Line Length = 9.253 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61542.47 | 0.000 | 271 | 18 | 7 | 4 | 40 | 180.0 | 163.0 |
| Max | 61579.25 | 0.145 | 943 | 108 | 41 | 52 | 90 | 378.0 | 383.0 |
| Mn | 61558.71 | 0.022 | 551 | 45 | 19 | 21 | 62 | 259.0 | 270.6 |

**********

Statistics for Trav 13 FLT 25 Day 284

**********

Start Time 10:37:03 Start East 558925 Start Nrth 5455790
End Time 10:41:47 End East 568307 End Nrth 5455805

Elaps Time 00:04:44 Line Length = 9.382 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61544.62 | 0.000 | 257 | 14 | 3 | 6 | 39 | 190.0 | 162.0 |
| Max | 61581.59 | 0.132 | 996 | 105 | 37 | 42 | 90 | 383.0 | 399.0 |
| Mn | 61561.80 | 0.026 | 533 | 44 | 18 | 19 | 63 | 257.4 | 287.4 |

**********

Statistics for Trav 14 FLT 25 Day 284

**********

Start Time 10:42:40 Start East 557914 Start Nrth 5455588
End Time 10:48:24 End East 568818 End Nrth 5455625

Elaps Time 00:05:44 Line Length = 10.904 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61543.68 | 0.000 | 313 | 19 | 5 | 1 | 44 | 180.0 | 168.0 |
| Max | 61588.48 | 0.137 | 996 | 102 | 41 | 53 | 93 | 363.0 | 427.0 |
| Mn | 61564.13 | 0.022 | 549 | 46 | 18 | 20 | 63 | 255.7 | 283.2 |

**********

Statistics for Trav 15 FLT 25 Day 284

**********

Start Time 10:49:08 Start East 557894 Start Nrth 5455388
End Time 10:54:22 End East 568206 End Nrth 5455410

Elaps Time 00:05:14 Line Length = 10.312 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61547.38 | 0.000 | 276 | 13 | 6 | 4 | 39 | 154.0 | 168.0 |
| Max | 61589.78 | 0.191 | 998 | 97 | 33 | 46 | 88 | 411.0 | 448.0 |
| Mn | 61566.68 | 0.026 | 487 | 41 | 16 | 18 | 63 | 258.9 | 290.4 |

**********

Statistics for Trav 16 FLT 25 Day 284

**********

Start Time 10:55:34 Start East 559403 Start Nrth 5455193
End Time 11:00:38 End East 568729 End Nrth 5455214

Elaps Time 00:05:04 Line Length = 9.326 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61547.24 | 0.000 | 255 | 12 | 4 | 4 | 42 | 179.0 | 158.0 |
| Max | 61587.67 | 0.130 | 1067 | 106 | 32 | 56 | 85 | 340.0 | 425.0 |
| Mn | 61564.43 | 0.022 | 484 | 40 | 16 | 18 | 63 | 251.5 | 285.6 |

**********

Statistics for Trav 17 FLT 25 Day 284

**********

Start Time 11:01:50 Start East 558922 Start Nrth 5454989
End Time 11:06:34 End East 568392 End Nrth 5455012

Elaps Time 00:04:44 Line Length = 9.470 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61548.77 | 0.000 | 271 | 14 | 4 | 4 | 40 | 186.0 | 166.0 |
| Max | 61597.53 | 0.156 | 809 | 96 | 33 | 39 | 88 | 336.0 | 384.0 |
| Mn | 61568.09 | 0.024 | 518 | 45 | 16 | 19 | 63 | 247.4 | 291.8 |

**********

Statistics for Trav 18 FLT 25 Day 284

**********

Start Time 11:07:43 Start East 559446 Start Nrth 5454782
End Time 11:13:07 End East 568977 End Nrth 5454816

Elaps Time 00:05:24 Line Length = 9.531 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61542.58 | 0.000 | 291 | 16 | 6 | 4 | 44 | 174.0 | 164.0 |
| Max | 61592.41 | 0.135 | 841 | 101 | 34 | 41 | 91 | 385.0 | 431.0 |
| Mn | 61568.38 | 0.022 | 521 | 47 | 16 | 18 | 62 | 255.8 | 294.0 |

**********

Statistics for Trav 19 FLT 25 Day 284

**********

Start Time 11:16:32 Start East 555339 Start Nrth 5454588
End Time 11:23:16 End East 568337 End Nrth 5454609

Elaps Time 00:06:44 Line Length = 12.998 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61548.05 | 0.000 | 273 | 14 | 3 | 3 | 44 | 193.0 | 166.0 |
| Max | 61607.71 | 0.134 | 921 | 116 | 35 | 38 | 96 | 458.0 | 477.0 |
| Mn | 61579.25 | 0.027 | 523 | 48 | 16 | 18 | 64 | 265.2 | 322.3 |

**********

Statistics for Trav 20 FLT 25 Day 284

**********

Start Time 11:37:42 Start East 555744 Start Nrth 5454387
End Time 11:44:26 End East 568564 End Nrth 5454429

Elaps Time 00:06:44 Line Length = 12.820 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61535.31 | 0.000 | 177 | 11 | 4 | 3 | 43 | 175.0 | 169.0 |
| Max | 61610.19 | 0.146 | 1026 | 124 | 40 | 38 | 94 | 332.0 | 515.0 |
| Mn | 61580.50 | 0.024 | 531 | 50 | 15 | 18 | 64 | 258.4 | 325.6 |

**********

Statistics for Trav 21 FLT 25 Day 284

**********

Start Time 11:45:26 Start East 555550 Start Nrth 5454186
End Time 11:52:05 End East 568290 End Nrth 5454208

Elaps Time 00:06:39 Line Length = 12.740 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61550.95 | 0.000 | 171 | 10 | 2 | 3 | 42 | 163.0 | 179.0 |
| Max | 61613.20 | 0.148 | 1056 | 123 | 36 | 44 | 97 | 443.0 | 534.0 |
| Mn | 61585.25 | 0.027 | 536 | 50 | 15 | 18 | 63 | 257.9 | 343.6 |

**********

Statistics for Trav 22 FLT 25 Day 284

**********

Start Time 11:53:07 Start East 555674 Start Nrth 5453986
End Time 12:01:31 End East 568988 End Nrth 5454017

Elaps Time 00:08:24 Line Length = 13.314 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61542.89 | 0.000 | 233 | 4 | 3 | 4 | 42 | 162.0 | 176.0 |
| Max | 61661.17 | 0.208 | 1007 | 121 | 35 | 39 | 87 | 422.0 | 606.0 |
| Mn | 61587.84 | 0.023 | 554 | 52 | 16 | 19 | 64 | 266.1 | 355.4 |

**********

Statistics for Trav 23 FLT 25 Day 284

**********

Start Time 12:02:33 Start East 555439 Start Nrth 5453788
End Time 12:09:32 End East 568326 End Nrth 5453810

Elaps Time 00:06:59 Line Length = 12.887 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61544.97 | 0.000 | 259 | 14 | 3 | 4 | 43 | 168.0 | 184.0 |
| Max | 61635.42 | 0.257 | 975 | 122 | 37 | 41 | 94 | 650.0 | 655.0 |
| Mn | 61589.29 | 0.026 | 537 | 51 | 15 | 18 | 64 | 286.2 | 370.8 |

**********

Statistics for Trav 24 FLT 25 Day 284

**********

Start Time 12:10:31 Start East 555733 Start Nrth 5453580
End Time 12:18:40 End East 568910 End Nrth 5453618

Elaps Time 00:08:09 Line Length = 13.177 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61531.83 | 0.000 | 219 | 13 | 3 | 2 | 36 | 153.0 | 188.0 |
| Max | 61620.80 | 0.146 | 891 | 106 | 34 | 34 | 92 | 443.0 | 710.0 |
| Mn | 61587.42 | 0.024 | 523 | 49 | 15 | 18 | 65 | 275.7 | 368.8 |

**********

Statistics for Trav 25 FLT 25 Day 284

**********

Start Time 12:19:57 Start East 555552 Start Nrth 5453382
End Time 12:26:31 End East 568284 End Nrth 5453412

Elaps Time 00:06:34 Line Length = 12.732 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61556.99 | 0.000 | 201 | 10 | 5 | 3 | 38 | 161.0 | 167.0 |
| Max | 61623.96 | 0.165 | 769 | 98 | 28 | 38 | 89 | 414.0 | 743.0 |
| Mn | 61591.02 | 0.027 | 501 | 47 | 14 | 17 | 65 | 277.2 | 377.9 |

**********

Statistics for Trav 26 FLT 25 Day 284

**********

Start Time 12:27:12 Start East 555704 Start Nrth 5453191
End Time 12:34:46 End East 568691 End Nrth 5453209

Elaps Time 00:07:34 Line Length = 12.987 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61561.05 | 0.000 | 241 | 11 | 2 | 5 | 38 | 156.0 | 166.0 |
| Max | 61632.71 | 0.185 | 728 | 86 | 31 | 35 | 93 | 392.0 | 702.0 |
| Mn | 61596.08 | 0.023 | 509 | 48 | 14 | 18 | 64 | 256.1 | 366.3 |

**********

Statistics for Trav 27 FLT 26 Day 284

**********

Start Time 17:28:59 Start East 555651 Start Nrth 5452988
End Time 17:36:28 End East 568405 End Nrth 5453012

Elaps Time 00:07:29 Line Length = 12.754 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61576.23 | 0.000 | 191 | 11 | 2 | 2 | 41 | 168.0 | 175.0 |
| Max | 61645.67 | 0.160 | 728 | 90 | 26 | 35 | 91 | 459.0 | 686.0 |
| Mn | 61611.60 | 0.025 | 479 | 45 | 13 | 17 | 65 | 268.9 | 362.6 |

**********

Statistics for Trav 28 FLT 26 Day 284

**********

Start Time 17:22:11 Start East 555590 Start Nrth 5452785
End Time 17:28:00 End East 568444 End Nrth 5452817

Elaps Time 00:05:49 Line Length = 12.854 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61577.95 | 0.000 | 191 | 10 | 3 | 3 | 43 | 175.0 | 168.0 |
| Max | 61648.16 | 0.197 | 991 | 93 | 41 | 41 | 91 | 449.0 | 657.0 |
| Mn | 61613.21 | 0.030 | 481 | 46 | 13 | 17 | 63 | 272.0 | 345.2 |

**********

Statistics for Trav 29 FLT 26 Day 284

**********

Start Time 17:14:21 Start East 555636 Start Nrth 5452589
End Time 17:21:25 End East 568503 End Nrth 5452615

Elaps Time 00:07:04 Line Length = 12.867 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61582.44 | 0.000 | 193 | 9 | 3 | 3 | 41 | 152.0 | 194.0 |
| Max | 61647.65 | 0.173 | 1376 | 173 | 41 | 47 | 87 | 427.0 | 590.0 |
| Mn | 61611.93 | 0.026 | 511 | 49 | 13 | 18 | 65 | 256.2 | 338.1 |

**********

Statistics for Trav 30 FLT 26 Day 284

**********

Start Time 17:07:19 Start East 555693 Start Nrth 5452377
End Time 17:13:18 End East 568448 End Nrth 5452408

Elaps Time 00:05:59 Line Length = 12.755 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61583.13 | 0.000 | 232 | 10 | 3 | 4 | 35 | 161.0 | 172.4 |
| Max | 61645.60 | 0.186 | 813 | 96 | 32 | 41 | 86 | 461.0 | 562.0 |
| Mn | 61612.37 | 0.034 | 490 | 46 | 13 | 18 | 64 | 260.7 | 328.5 |

**********

Statistics for Trav 31 FLT 26 Day 284

**********

Start Time 16:58:28 Start East 555631 Start Nrth 5452193
End Time 17:06:22 End East 568640 End Nrth 5452207

Elaps Time 00:07:54 Line Length = 13.009 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61586.06 | 0.000 | 228 | 11 | 1 | 5 | 44 | 155.0 | 174.0 |
| Max | 61647.47 | 0.180 | 1054 | 119 | 34 | 48 | 89 | 379.0 | 512.0 |
| Mn | 61616.36 | 0.025 | 504 | 48 | 13 | 18 | 63 | 252.8 | 322.4 |

**********

Statistics for Trav 32 FLT 26 Day 284

**********

Start Time 16:50:57 Start East 555556 Start Nrth 5451987
End Time 16:57:11 End East 568272 End Nrth 5452009

Elaps Time 00:06:14 Line Length = 12.716 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61586.19 | 0.000 | 300 | 17 | 4 | 6 | 40 | 184.0 | 163.0 |
| Max | 61723.23 | 0.232 | 850 | 126 | 31 | 35 | 91 | 396.0 | 489.0 |
| Mn | 61622.23 | 0.030 | 519 | 48 | 14 | 19 | 63 | 253.5 | 309.7 |

Statistics for Trav 33 FLT 26 Day 284

**********

Start Time 16:42:02 Start East 555663 Start Nrth 5451792
End Time 16:49:51 End East 568504 End Nrth 5451811

Elaps Time 00:07:49 Line Length = 12.841 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61533.93 | 0.000 | 242 | 9 | 4 | 5 | 38 | 168.0 | 173.0 |
| Max | 61688.62 | 0.155 | 867 | 106 | 33 | 44 | 93 | 422.0 | 472.0 |
| Mn | 61619.46 | 0.025 | 527 | 50 | 14 | 19 | 64 | 236.9 | 306.1 |

**********

Statistics for Trav 34 FLT 26 Day 284

**********

Start Time 16:34:21 Start East 555543 Start Nrth 5451531
End Time 16:40:55 End East 568372 End Nrth 5451715

Elaps Time 00:06:34 Line Length = 12.830 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61578.42 | 0.000 | 158 | 11 | 3 | 3 | 39 | 173.0 | 170.0 |
| Max | 61662.37 | 0.193 | 806 | 90 | 38 | 41 | 93 | 406.0 | 467.0 |
| Mn | 61620.57 | 0.030 | 502 | 47 | 14 | 18 | 63 | 264.6 | 294.7 |

**********

Statistics for Trav 35 FLT 26 Day 284

**********

Start Time 16:25:49 Start East 555704 Start Nrth 5451372
End Time 16:33:13 End East 568514 End Nrth 5451409

Elaps Time 00:07:24 Line Length = 12.810 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61584.65 | 0.000 | 151 | 11 | 2 | 2 | 44 | 159.0 | 177.0 |
| Max | 61662.62 | 0.186 | 889 | 104 | 30 | 45 | 87 | 345.0 | 427.0 |
| Mn | 61621.93 | 0.026 | 532 | 51 | 14 | 19 | 63 | 230.8 | 294.3 |

**********

Statistics for Trav 36 FLT 26 Day 284

**********

Start Time 16:18:13 Start East 555562 Start Nrth 5451186
End Time 16:24:37 End East 568439 End Nrth 5451211

Elaps Time 00:06:24 Line Length = 12.877 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61584.83 | 0.000 | 156 | 10 | 2 | 2 | 43 | 176.0 | 196.8 |
| Max | 61661.71 | 0.236 | 871 | 96 | 33 | 46 | 85 | 355.0 | 415.0 |
| Mn | 61624.05 | 0.029 | 499 | 49 | 13 | 18 | 63 | 256.8 | 299.0 |

**********

Statistics for Trav 37 FLT 26 Day 284

**********

Start Time 16:09:42 Start East 555604 Start Nrth 5450989
End Time 16:17:11 End East 568727 End Nrth 5451010

Elaps Time 00:07:29 Line Length = 13.123 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61564.29 | 0.000 | 147 | 8 | 2 | 1 | 40 | 138.0 | 193.0 |
| Max | 61669.87 | 0.129 | 752 | 95 | 29 | 40 | 90 | 405.0 | 385.0 |
| Mn | 61621.20 | 0.025 | 498 | 48 | 13 | 18 | 64 | 235.8 | 297.5 |

**********

Statistics for Trav 38 FLT 26 Day 284

**********

Start Time 16:02:37 Start East 555586 Start Nrth 5450788
End Time 16:08:46 End East 568311 End Nrth 5450807

Elaps Time 00:06:09 Line Length = 12.725 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61575.96 | 0.000 | 178 | 11 | 4 | 3 | 41 | 161.0 | 188.0 |
| Max | 61667.45 | 0.204 | 841 | 91 | 36 | 40 | 92 | 366.0 | 384.0 |
| Mn | 61619.81 | 0.029 | 501 | 48 | 13 | 18 | 63 | 243.5 | 291.3 |

**********
Statistics for Trav 39 FLT 26 Day 284
**********

Start Time 15:53:28 Start East 555712 Start Nrth 5450588
End Time 16:01:17 End East 568614 End Nrth 5450610

Elaps Time 00:07:49 Line Length = 12.902 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61546.87 | 0.000 | 247 | 13 | 3 | 3 | 40 | 153.0 | 181.0 |
| Max | 61655.87 | 0.207 | 784 | 95 | 34 | 36 | 92 | 333.0 | 377.0 |
| Mn | 61622.41 | 0.026 | 523 | 51 | 14 | 19 | 63 | 231.4 | 282.5 |

**********
Statistics for Trav 40 FLT 26 Day 284
**********

Start Time 15:45:55 Start East 555602 Start Nrth 5450385
End Time 15:52:34 End East 568356 End Nrth 5450418

Elaps Time 00:06:39 Line Length = 12.754 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61551.54 | 0.000 | 168 | 11 | 0 | 1 | 40 | 168.0 | 197.0 |
| Max | 61680.85 | 0.210 | 861 | 103 | 31 | 42 | 92 | 457.0 | 385.0 |
| Mn | 61624.16 | 0.028 | 517 | 50 | 14 | 18 | 63 | 251.2 | 277.4 |

**********
Statistics for Trav 41 FLT 26 Day 284
**********

Start Time 15:37:06 Start East 555586 Start Nrth 5450189
End Time 15:44:55 End East 568441 End Nrth 5450209

Elaps Time 00:07:49 Line Length = 12.855 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61492.57 | 0.000 | 179 | 11 | 4 | 3 | 41 | 150.0 | 194.0 |
| Max | 61660.05 | 0.225 | 976 | 121 | 36 | 49 | 89 | 351.0 | 336.0 |
| Mn | 61621.48 | 0.026 | 586 | 58 | 16 | 21 | 62 | 235.9 | 263.6 |

**********

Statistics for Trav 42 FLT 26 Day 284

**********

Start Time 15:29:51 Start East 555493 Start Nrth 5449977
End Time 15:36:25 End East 568314 End Nrth 5450013

Elaps Time 00:06:34 Line Length = 12.821 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61516.07 | 0.000 | 206 | 11 | 2 | 4 | 40 | 136.0 | 208.0 |
| Max | 61785.61 | 0.202 | 1023 | 126 | 34 | 45 | 101 | 366.0 | 333.0 |
| Mn | 61625.54 | 0.027 | 574 | 55 | 16 | 20 | 63 | 243.9 | 263.2 |

**********

Statistics for Trav 43 FLT 26 Day 284

**********

Start Time 15:21:20 Start East 555597 Start Nrth 5449790
End Time 15:28:59 End East 568477 End Nrth 5449841

Elaps Time 00:07:39 Line Length = 12.880 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61429.64 | 0.000 | 138 | 8 | 3 | 1 | 40 | 148.0 | 202.0 |
| Max | 62013.67 | 0.214 | 1019 | 133 | 41 | 51 | 84 | 334.0 | 331.0 |
| Mn | 61638.22 | 0.026 | 614 | 58 | 17 | 22 | 62 | 226.8 | 266.4 |

**********

Statistics for Trav 44 FLT 26 Day 284

**********

Start Time 15:13:53 Start East 555390 Start Nrth 5449587
End Time 15:20:27 End East 568351 End Nrth 5449610

Elaps Time 00:06:34 Line Length = 12.961 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61263.41 | 0.000 | 236 | 16 | 3 | 2 | 34 | 173.0 | 220.0 |
| Max | 62815.22 | 0.389 | 949 | 112 | 35 | 41 | 94 | 363.0 | 339.0 |
| Mn | 61636.33 | 0.031 | 585 | 55 | 16 | 21 | 63 | 247.5 | 276.0 |

**********

Statistics for Trav 45 FLT 26 Day 284

**********

Start Time 15:05:17 Start East 555721 Start Nrth 5449392
End Time 15:12:56 End East 568559 End Nrth 5449408

Elaps Time 00:07:39 Line Length = 12.838 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61371.87 | 0.000 | 318 | 19 | 6 | 4 | 38 | 154.0 | 227.0 |
| Max | 62547.78 | 0.398 | 1043 | 145 | 39 | 56 | 88 | 327.0 | 347.0 |
| Mn | 61647.27 | 0.030 | 642 | 60 | 18 | 24 | 62 | 236.4 | 278.1 |

**********

Statistics for Trav 46 FLT 26 Day 284

**********

Start Time 14:58:03 Start East 555297 Start Nrth 5449184
End Time 15:04:27 End East 568345 End Nrth 5449214

Elaps Time 00:06:24 Line Length = 13.048 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61375.96 | 0.000 | 405 | 26 | 4 | 2 | 40 | 168.0 | 218.4 |
| Max | 62005.28 | 1.086 | 983 | 126 | 32 | 48 | 85 | 397.0 | 354.0 |
| Mn | 61633.77 | 0.036 | 617 | 60 | 17 | 22 | 62 | 248.7 | 288.6 |

**********

Statistics for Trav 47 FLT 26 Day 284

**********

Start Time 14:48:53 Start East 555628 Start Nrth 5448970
End Time 14:57:07 End East 568590 End Nrth 5449007

Elaps Time 00:08:14 Line Length = 12.962 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61172.16 | 0.000 | 408 | 29 | 4 | 7 | 39 | 145.0 | 197.0 |
| Max | 62354.31 | 0.879 | 1055 | 129 | 43 | 52 | 88 | 375.0 | 350.0 |
| Mn | 61660.10 | 0.030 | 638 | 59 | 18 | 23 | 63 | 234.7 | 289.2 |

**********

Statistics for Trav 48 FLT 26 Day 284

**********

Start Time 14:41:40 Start East 555096 Start Nrth 5448783
End Time 14:48:19 End East 568366 End Nrth 5448807

Elaps Time 00:06:39 Line Length = 13.270 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61402.31 | 0.000 | 410 | 23 | 6 | 7 | 41 | 153.0 | 164.0 |
| Max | 62166.33 | 0.363 | 881 | 123 | 43 | 49 | 85 | 427.0 | 357.0 |
| Mn | 61644.15 | 0.031 | 625 | 60 | 17 | 22 | 62 | 253.3 | 289.3 |

**********

Statistics for Trav 49 FLT 26 Day 284

**********

Start Time 14:33:22 Start East 555627 Start Nrth 5448587
End Time 14:40:41 End East 568506 End Nrth 5448608

Elaps Time 00:07:19 Line Length = 12.879 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61488.98 | 0.000 | 429 | 25 | 4 | 6 | 40 | 169.0 | 137.0 |
| Max | 61949.42 | 0.196 | 1080 | 124 | 39 | 46 | 95 | 383.0 | 367.0 |
| Mn | 61644.65 | 0.026 | 676 | 65 | 18 | 25 | 63 | 242.8 | 294.8 |

**********

Statistics for Trav 50 FLT 26 Day 284

**********

Start Time 14:25:57 Start East 555269 Start Nrth 5448389
End Time 14:32:31 End East 568369 End Nrth 5448411

Elaps Time 00:06:34 Line Length = 13.100 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61259.23 | 0.000 | 364 | 26 | 4 | 8 | 45 | 181.0 | 147.0 |
| Max | 61921.12 | 0.382 | 1057 | 127 | 39 | 46 | 90 | 391.0 | 380.0 |
| Mn | 61636.28 | 0.032 | 667 | 65 | 18 | 23 | 63 | 254.6 | 300.3 |

**********

Statistics for Trav 51 FLT 26 Day 284

**********

Start Time 14:17:45 Start East 555714 Start Nrth 5448187
End Time 14:24:59 End East 568819 End Nrth 5448213

Elaps Time 00:07:14 Line Length = 13.105 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61296.02 | 0.000 | 323 | 20 | 5 | 6 | 42 | 159.0 | 147.0 |
| Max | 61976.89 | 0.180 | 937 | 130 | 41 | 45 | 95 | 460.0 | 390.0 |
| Mn | 61635.34 | 0.029 | 653 | 62 | 17 | 24 | 63 | 246.5 | 312.0 |

**********

Statistics for Trav 52 FLT 26 Day 284

**********

Start Time 14:10:36 Start East 555246 Start Nrth 5447988
End Time 14:16:56 End East 568323 End Nrth 5448025

Elaps Time 00:06:20 Line Length = 13.077 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61416.84 | 0.000 | 370 | 19 | 4 | 5 | 41 | 162.0 | 169.0 |
| Max | 61828.54 | 0.271 | 949 | 119 | 38 | 49 | 90 | 472.0 | 403.0 |
| Mn | 61639.85 | 0.031 | 621 | 59 | 17 | 22 | 63 | 254.5 | 312.6 |

**********

Statistics for Trav 53 FLT 30 Day 286

**********

Start Time 14:14:05 Start East 555715 Start Nrth 5447786
End Time 14:19:58 End East 568700 End Nrth 5447811

Elaps Time 00:05:53 Line Length = 12.985 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61457.34 | 0.000 | 387 | 21 | 5 | 8 | 38 | 159.0 | 162.0 |
| Max | 61885.69 | 0.466 | 1077 | 130 | 34 | 46 | 84 | 398.0 | 415.0 |
| Mn | 61635.03 | 0.033 | 654 | 62 | 17 | 24 | 64 | 255.4 | 322.6 |

**********

Statistics for Trav 54 FLT 30 Day 286

**********

Start Time 14:20:40 Start East 555496 Start Nrth 5447586
End Time 14:27:49 End East 568854 End Nrth 5447608

Elaps Time 00:07:09 Line Length = 13.358 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61520.67 | 0.000 | 430 | 21 | 6 | 8 | 41 | 153.0 | 161.0 |
| Max | 61878.61 | 0.156 | 1133 | 146 | 36 | 49 | 91 | 385.0 | 411.0 |
| Mn | 61644.73 | 0.026 | 670 | 63 | 18 | 25 | 65 | 240.6 | 317.1 |

**********

Statistics for Trav 55 FLT 30 Day 286

**********

Start Time 14:28:50 Start East 555533 Start Nrth 5447345
End Time 14:35:04 End East 568597 End Nrth 5447411

Elaps Time 00:06:14 Line Length = 13.064 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61455.16 | 0.000 | 389 | 26 | 6 | 6 | 41 | 132.0 | 175.0 |
| Max | 61860.36 | 0.393 | 1057 | 136 | 39 | 47 | 90 | 411.0 | 441.0 |
| Mn | 61650.40 | 0.032 | 646 | 59 | 18 | 24 | 64 | 249.0 | 325.2 |

**********

Statistics for Trav 56 FLT 30 Day 286

**********

Start Time 14:35:43 Start East 555653 Start Nrth 5447168
End Time 14:43:02 End East 568713 End Nrth 5447211

Elaps Time 00:07:19 Line Length = 13.060 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61301.78 | 0.000 | 385 | 24 | 4 | 6 | 40 | 147.0 | 184.0 |
| Max | 61900.76 | 0.531 | 1129 | 143 | 40 | 49 | 88 | 367.0 | 436.0 |
| Mn | 61638.98 | 0.029 | 682 | 62 | 19 | 26 | 65 | 243.3 | 324.8 |

**********

Statistics for Trav 57 FLT 30 Day 286

**********

Start Time 15:36:38 Start East 555563 Start Nrth 5446986
End Time 15:42:21 End East 568520 End Nrth 5447007

Elaps Time 00:05:43 Line Length = 12.957 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60410.95 | 0.000 | 384 | 25 | 4 | 5 | 40 | 179.0 | 174.0 |
| Max | 62186.29 | 1.333 | 1015 | 128 | 39 | 51 | 85 | 417.0 | 451.0 |
| Mn | 61626.09 | 0.045 | 645 | 57 | 18 | 25 | 64 | 252.7 | 326.1 |

**********

Statistics for Trav 58 FLT 30 Day 286

**********

Start Time 15:43:04 Start East 555586 Start Nrth 5446789
End Time 15:50:03 End East 568507 End Nrth 5446815

Elaps Time 00:06:59 Line Length = 12.921 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61347.03 | 0.000 | 367 | 20 | 4 | 4 | 43 | 156.0 | 173.0 |
| Max | 61862.80 | 0.719 | 1103 | 136 | 40 | 51 | 92 | 355.0 | 447.0 |
| Mn | 61644.54 | 0.033 | 645 | 58 | 18 | 25 | 64 | 244.1 | 325.1 |

**********

Statistics for Trav 59 FLT 30 Day 286

**********

Start Time 15:50:47 Start East 555615 Start Nrth 5446562
End Time 15:56:26 End East 568406 End Nrth 5446612

Elaps Time 00:05:39 Line Length = 12.791 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61457.14 | 0.000 | 381 | 23 | 3 | 7 | 36 | 187.0 | 178.0 |
| Max | 61812.82 | 0.268 | 1102 | 143 | 40 | 53 | 97 | 386.0 | 458.0 |
| Mn | 61663.50 | 0.034 | 649 | 57 | 19 | 25 | 64 | 258.3 | 328.9 |

**********

Statistics for Trav 60 FLT 30 Day 286

**********

Start Time 15:57:01 Start East 555541 Start Nrth 5446390
End Time 16:04:25 End East 568522 End Nrth 5446411

Elaps Time 00:07:24 Line Length = 12.981 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61412.49 | 0.000 | 377 | 20 | 5 | 9 | 41 | 140.0 | 172.0 |
| Max | 62199.92 | 0.182 | 1035 | 125 | 37 | 51 | 90 | 361.0 | 460.0 |
| Mn | 61656.66 | 0.028 | 660 | 58 | 19 | 26 | 64 | 239.9 | 323.3 |

**********

Statistics for Trav 61 FLT 30 Day 286

**********

Start Time 16:05:10 Start East 555632 Start Nrth 5446184
End Time 16:11:09 End East 568410 End Nrth 5446209

Elaps Time 00:05:59 Line Length = 12.778 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61346.34 | 0.000 | 401 | 22 | 6 | 7 | 43 | 193.0 | 185.0 |
| Max | 61843.07 | 0.230 | 1014 | 120 | 40 | 44 | 88 | 377.0 | 461.0 |
| Mn | 61642.23 | 0.032 | 635 | 56 | 18 | 24 | 64 | 259.2 | 327.6 |

**********

Statistics for Trav 62 FLT 30 Day 286

**********

Start Time 16:11:48 Start East 555592 Start Nrth 5445988
End Time 16:19:12 End East 568468 End Nrth 5446015

Elaps Time 00:07:24 Line Length = 12.876 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61395.98 | 0.000 | 356 | 17 | 3 | 8 | 41 | 171.0 | 188.0 |
| Max | 61821.99 | 0.229 | 1008 | 139 | 40 | 49 | 94 | 435.0 | 475.0 |
| Mn | 61650.60 | 0.027 | 664 | 59 | 19 | 25 | 64 | 243.6 | 323.4 |

**********

Statistics for Trav 63 FLT 30 Day 286

**********

Start Time 16:20:03 Start East 555601 Start Nrth 5445782
End Time 16:26:07 End East 568457 End Nrth 5445823

Elaps Time 00:06:04 Line Length = 12.856 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61359.39 | 0.000 | 333 | 25 | 3 | 8 | 41 | 153.0 | 187.0 |
| Max | 61779.69 | 0.251 | 1135 | 148 | 42 | 52 | 88 | 418.0 | 480.0 |
| Mn | 61644.30 | 0.031 | 672 | 60 | 19 | 25 | 65 | 256.1 | 320.9 |

**********

Statistics for Trav 64 FLT 30 Day 286

**********

Start Time 16:26:45 Start East 555678 Start Nrth 5445585
End Time 16:34:19 End East 568503 End Nrth 5445609

Elaps Time 00:07:34 Line Length = 12.825 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61519.06 | 0.000 | 385 | 26 | 4 | 8 | 35 | 141.0 | 191.0 |
| Max | 61815.65 | 0.257 | 1223 | 156 | 39 | 53 | 95 | 427.0 | 477.0 |
| Mn | 61655.40 | 0.027 | 712 | 66 | 20 | 27 | 64 | 252.0 | 313.5 |

**********

Statistics for Trav 65 FLT 30 Day 286

**********

Start Time 16:35:05 Start East 555576 Start Nrth 5445385
End Time 16:41:24 End East 568502 End Nrth 5445410

Elaps Time 00:06:19 Line Length = 12.926 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61421.78 | 0.000 | 316 | 25 | 3 | 7 | 39 | 149.0 | 189.0 |
| Max | 61892.40 | 1.264 | 1121 | 124 | 46 | 46 | 91 | 438.0 | 481.0 |
| Mn | 61645.25 | 0.032 | 663 | 60 | 19 | 25 | 64 | 263.3 | 313.0 |

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Statistics for Trav 66 FLT 30 Day 286

**********

Start Time 16:42:10 Start East 555668 Start Nrth 5445180
End Time 16:49:49 End East 568619 End Nrth 5445211

Elaps Time 00:07:39 Line Length = 12.951 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61422.55 | 0.000 | 389 | 27 | 4 | 7 | 43 | 149.0 | 195.0 |
| Max | 61710.00 | 0.143 | 1253 | 136 | 46 | 53 | 92 | 361.0 | 462.0 |
| Mn | 61641.09 | 0.026 | 724 | 66 | 21 | 27 | 64 | 236.0 | 290.7 |

**********

Statistics for Trav 67 FLT 30 Day 286

**********

Start Time 16:50:35 Start East 555581 Start Nrth 5444983
End Time 16:56:49 End East 568312 End Nrth 5445220

Elaps Time 00:06:14 Line Length = 12.733 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61406.44 | 0.000 | 252 | 21 | 4 | 5 | 42 | 174.0 | 209.0 |
| Max | 61768.19 | 0.210 | 1308 | 156 | 48 | 58 | 90 | 427.0 | 459.0 |
| Mn | 61645.96 | 0.029 | 720 | 65 | 20 | 26 | 64 | 261.4 | 289.9 |

**********

Statistics for Trav 68 FLT 30 Day 286

**********

Start Time 16:57:48 Start East 555437 Start Nrth 5444759
End Time 17:06:22 End East 568695 End Nrth 5445238

Elaps Time 00:08:34 Line Length = 13.267 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61397.69 | 0.000 | 277 | 15 | 3 | 3 | 41 | 167.0 | 197.0 |
| Max | 61703.23 | 0.219 | 1779 | 230 | 71 | 66 | 91 | 439.0 | 441.0 |
| Mn | 61651.76 | 0.024 | 814 | 75 | 24 | 28 | 64 | 247.1 | 282.8 |

**********

Statistics for Trav 69 FLT 30 Day 286

**********

Start Time 17:07:03 Start East 555246 Start Nrth 5443594
End Time 17:14:32 End East 568537 End Nrth 5444613

Elaps Time 00:07:29 Line Length = 13.330 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61601.44 | 0.000 | 401 | 24 | 4 | 9 | 41 | 181.0 | 225.0 |
| Max | 61713.26 | 0.157 | 1817 | 182 | 56 | 57 | 88 | 501.0 | 429.0 |
| Mn | 61661.09 | 0.027 | 870 | 81 | 25 | 29 | 64 | 266.6 | 293.3 |

**********

Statistics for Trav 70 FLT 30 Day 286

**********

Start Time 17:15:06 Start East 555664 Start Nrth 5443640
End Time 17:24:10 End East 568558 End Nrth 5444409

Elaps Time 00:09:04 Line Length = 12.917 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61587.31 | 0.000 | 431 | 29 | 4 | 9 | 42 | 153.0 | 212.0 |
| Max | 61717.15 | 0.188 | 2187 | 256 | 83 | 60 | 87 | 438.0 | 426.0 |
| Mn | 61660.52 | 0.025 | 948 | 90 | 27 | 31 | 64 | 249.1 | 293.5 |

**********

Statistics for Trav 71 FLT 30 Day 286

**********

Start Time 17:25:15 Start East 555480 Start Nrth 5443618
End Time 17:32:49 End East 568722 End Nrth 5444230

Elaps Time 00:07:34 Line Length = 13.256 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61603.77 | 0.000 | 453 | 31 | 7 | 9 | 37 | 154.0 | 212.0 |
| Max | 61737.72 | 0.352 | 2285 | 259 | 80 | 66 | 92 | 403.0 | 434.0 |
| Mn | 61659.98 | 0.026 | 966 | 92 | 28 | 30 | 64 | 261.1 | 299.1 |

**********

Statistics for Trav 72 FLT 30 Day 286

**********

Start Time 17:33:32 Start East 555637 Start Nrth 5443663
End Time 17:42:16 End East 569155 End Nrth 5444014

Elaps Time 00:08:44 Line Length = 13.523 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61622.93 | 0.000 | 482 | 23 | 8 | 7 | 41 | 147.0 | 217.0 |
| Max | 61731.63 | 0.189 | 1756 | 198 | 69 | 48 | 95 | 410.0 | 434.0 |
| Mn | 61660.57 | 0.023 | 917 | 88 | 26 | 29 | 64 | 244.0 | 307.1 |

**********

Statistics for Trav 73 FLT 30 Day 286

**********

Start Time 17:43:07 Start East 555391 Start Nrth 5443777
End Time 17:49:46 End East 568472 End Nrth 5443815

Elaps Time 00:06:39 Line Length = 13.081 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61625.31 | 0.000 | 356 | 28 | 7 | 11 | 40 | 140.0 | 215.6 |
| Max | 61738.08 | 0.146 | 2007 | 258 | 65 | 58 | 97 | 488.0 | 442.0 |
| Mn | 61665.13 | 0.024 | 933 | 91 | 25 | 30 | 65 | 251.5 | 310.1 |

**********

Statistics for Trav 74 FLT 30 Day 286

**********

Start Time 17:50:28 Start East 555561 Start Nrth 5443552
End Time 17:58:07 End East 568879 End Nrth 5443612

Elaps Time 00:07:39 Line Length = 13.318 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61625.37 | 0.000 | 511 | 35 | 2 | 9 | 44 | 145.0 | 229.0 |
| Max | 61724.43 | 0.166 | 1715 | 204 | 60 | 59 | 97 | 418.0 | 453.8 |
| Mn | 61664.79 | 0.021 | 932 | 92 | 26 | 29 | 64 | 248.7 | 333.5 |

Statistics for Trav 75 FLT 30 Day 286

Start Time 17:59:00 Start East 555360 Start Nrth 5443384
End Time 18:05:39 End East 568396 End Nrth 5443423

Elaps Time 00:06:39 Line Length = 13.036 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61631.89 | 0.000 | 504 | 31 | 5 | 12 | 41 | 168.0 | 219.6 |
| Max | 61747.45 | 0.139 | 1706 | 204 | 60 | 54 | 86 | 445.0 | 493.0 |
| Mn | 61669.81 | 0.024 | 900 | 87 | 25 | 29 | 64 | 260.2 | 325.0 |

Statistics for Trav 76 FLT 30 Day 286

Start Time 18:06:25 Start East 555473 Start Nrth 5443186
End Time 18:13:39 End East 568565 End Nrth 5443258

Elaps Time 00:07:14 Line Length = 13.092 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61633.54 | 0.000 | 443 | 28 | 9 | 8 | 34 | 175.0 | 230.0 |
| Max | 61729.23 | 0.106 | 1415 | 174 | 52 | 59 | 94 | 385.0 | 497.0 |
| Mn | 61671.56 | 0.022 | 873 | 83 | 24 | 29 | 65 | 264.5 | 334.9 |

Statistics for Trav 77 FLT 30 Day 286

Start Time 18:14:32 Start East 555313 Start Nrth 5442974
End Time 18:20:56 End East 568276 End Nrth 5443019

Elaps Time 00:06:24 Line Length = 12.963 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61589.96 | 0.000 | 426 | 33 | 7 | 11 | 42 | 192.0 | 203.0 |
| Max | 61813.21 | 0.222 | 1409 | 156 | 50 | 61 | 92 | 386.0 | 490.0 |
| Mn | 61673.97 | 0.026 | 830 | 78 | 23 | 28 | 65 | 253.8 | 344.0 |

**********
Statistics for Trav 78 FLT 30 Day 286
**********

Start Time 18:21:56 Start East 555704 Start Nrth 5442776
End Time 18:29:10 End East 568620 End Nrth 5442808

Elaps Time 00:07:14 Line Length = 12.916 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61085.23 | 0.000 | 347 | 24 | 4 | 4 | 38 | 190.0 | 233.0 |
| Max | 61913.76 | 0.266 | 1791 | 192 | 61 | 61 | 91 | 379.0 | 505.0 |
| Mn | 61665.34 | 0.022 | 875 | 84 | 24 | 28 | 65 | 253.4 | 348.8 |

**********
Statistics for Trav 79 FLT 30 Day 286
**********

Start Time 18:29:56 Start East 555632 Start Nrth 5442581
End Time 18:36:20 End East 568384 End Nrth 5442687

Elaps Time 00:06:24 Line Length = 12.752 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61542.91 | 0.000 | 308 | 19 | 3 | 7 | 44 | 165.0 | 236.0 |
| Max | 61743.08 | 0.118 | 1882 | 203 | 67 | 56 | 90 | 414.0 | 538.0 |
| Mn | 61671.60 | 0.022 | 854 | 81 | 24 | 28 | 65 | 263.3 | 351.8 |

**********
Statistics for Trav 80 FLT 29 Day 286
**********

Start Time 12:26:51 Start East 555360 Start Nrth 5442341
End Time 12:34:40 End East 568340 End Nrth 5442718

Elaps Time 00:07:49 Line Length = 12.985 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61623.36 | 0.000 | 395 | 24 | 5 | 10 | 42 | 187.0 | 236.0 |
| Max | 61749.20 | 0.198 | 1656 | 178 | 66 | 51 | 92 | 425.0 | 521.0 |
| Mn | 61659.34 | 0.026 | 867 | 82 | 25 | 28 | 65 | 276.2 | 355.5 |

**********
Statistics for Trav 81 FLT 29 Day 286
**********

Start Time 12:18:54 Start East 555559 Start Nrth 5441774
End Time 12:25:43 End East 568491 End Nrth 5442217

Elaps Time 00:06:49 Line Length = 12.940 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61620.01 | 0.000 | 320 | 24 | 7 | 8 | 42 | 186.0 | 252.4 |
| Max | 61718.05 | 0.172 | 1514 | 176 | 54 | 57 | 91 | 419.0 | 506.0 |
| Mn | 61655.96 | 0.026 | 869 | 82 | 24 | 28 | 66 | 261.5 | 356.7 |

**********
Statistics for Trav 82 FLT 29 Day 286
**********

Start Time 12:09:46 Start East 555685 Start Nrth 5441794
End Time 12:18:00 End East 568658 End Nrth 5442007

Elaps Time 00:08:14 Line Length = 12.975 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61624.28 | 0.000 | 387 | 27 | 7 | 7 | 42 | 144.0 | 252.0 |
| Max | 61725.08 | 0.151 | 1888 | 216 | 68 | 54 | 95 | 449.0 | 526.0 |
| Mn | 61656.61 | 0.023 | 857 | 83 | 24 | 27 | 65 | 263.0 | 366.9 |

**********
Statistics for Trav 83 FLT 29 Day 286
**********

Start Time 12:02:35 Start East 555494 Start Nrth 5441786
End Time 12:08:44 End East 568386 End Nrth 5441816

Elaps Time 00:06:09 Line Length = 12.892 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61605.58 | 0.000 | 493 | 32 | 10 | 7 | 45 | 166.0 | 222.6 |
| Max | 61730.74 | 0.220 | 1567 | 172 | 64 | 56 | 93 | 489.0 | 571.0 |
| Mn | 61657.82 | 0.026 | 857 | 80 | 24 | 27 | 65 | 266.1 | 365.1 |

**********
Statistics for Trav 84 FLT 29 Day 286
**********

Start Time 11:53:55 Start East 555599 Start Nrth 5441587
End Time 12:01:34 End East 568640 End Nrth 5441620

Elaps Time 00:07:39 Line Length = 13.041 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61623.42 | 0.000 | 449 | 33 | 9 | 9 | 43 | 148.0 | 238.0 |
| Max | 61752.84 | 0.130 | 1896 | 203 | 76 | 59 | 91 | 449.0 | 589.0 |
| Mn | 61657.87 | 0.023 | 892 | 84 | 25 | 28 | 66 | 252.4 | 372.2 |

**********
Statistics for Trav 85 FLT 29 Day 286
**********

Start Time 11:46:29 Start East 555426 Start Nrth 5441388
End Time 11:52:58 End East 568396 End Nrth 5441422

Elaps Time 00:06:29 Line Length = 12.970 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61606.38 | 0.000 | 477 | 36 | 10 | 12 | 39 | 179.0 | 224.2 |
| Max | 61712.08 | 0.183 | 1427 | 155 | 53 | 51 | 88 | 428.0 | 602.0 |
| Mn | 61657.91 | 0.025 | 882 | 82 | 25 | 28 | 65 | 259.6 | 366.8 |

**********
Statistics for Trav 86 FLT 29 Day 286
**********

Start Time 11:37:50 Start East 555641 Start Nrth 5441186
End Time 11:45:39 End East 569016 End Nrth 5441208

Elaps Time 00:07:49 Line Length = 13.375 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61442.24 | 0.000 | 178 | 16 | 6 | 4 | 41 | 170.0 | 245.0 |
| Max | 61721.23 | 0.161 | 1917 | 184 | 60 | 56 | 92 | 640.0 | 626.0 |
| Mn | 61653.46 | 0.023 | 825 | 75 | 24 | 27 | 66 | 285.7 | 393.8 |

**********

Statistics for Trav 87 FLT 29 Day 286

**********

Start Time 11:30:17 Start East 554992 Start Nrth 5440986
End Time 11:37:01 End East 569180 End Nrth 5441024

Elaps Time 00:06:44 Line Length = 14.188 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61502.72 | 0.000 | 278 | 20 | 6 | 7 | 45 | 187.0 | 220.0 |
| Max | 61752.52 | 0.193 | 1443 | 145 | 51 | 51 | 95 | 598.0 | 619.0 |
| Mn | 61655.77 | 0.029 | 804 | 73 | 24 | 26 | 66 | 282.1 | 386.0 |

**********

Statistics for Trav 88 FLT 29 Day 286

**********

Start Time 11:21:35 Start East 554918 Start Nrth 5440789
End Time 11:29:14 End East 568751 End Nrth 5440819

Elaps Time 00:07:39 Line Length = 13.833 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61591.36 | 0.000 | 387 | 22 | 8 | 7 | 41 | 168.0 | 242.0 |
| Max | 61733.30 | 0.127 | 1510 | 162 | 57 | 47 | 99 | 419.0 | 588.0 |
| Mn | 61655.46 | 0.023 | 833 | 80 | 25 | 26 | 67 | 276.0 | 393.8 |

**********

Statistics for Trav 89 FLT 29 Day 286

**********

Start Time 11:13:52 Start East 555571 Start Nrth 5440581
End Time 11:20:31 End East 568381 End Nrth 5440611

Elaps Time 00:06:39 Line Length = 12.810 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61535.01 | 0.000 | 317 | 20 | 4 | 10 | 43 | 181.0 | 251.0 |
| Max | 61754.13 | 0.169 | 1560 | 187 | 61 | 47 | 91 | 557.0 | 536.0 |
| Mn | 61655.44 | 0.025 | 802 | 76 | 23 | 26 | 65 | 272.3 | 392.2 |

**********
Statistics for Trav 90 FLT 29 Day 286
**********

Start Time 11:05:00 Start East 555452 Start Nrth 5440386
End Time 11:12:34 End East 568831 End Nrth 5440410

Elaps Time 00:07:34 Line Length = 13.379 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61364.28 | 0.000 | 314 | 20 | 8 | 7 | 41 | 157.0 | 267.0 |
| Max | 62885.30 | 0.180 | 1488 | 159 | 50 | 48 | 93 | 494.0 | 571.0 |
| Mn | 61664.69 | 0.025 | 789 | 71 | 23 | 26 | 67 | 271.9 | 407.0 |

**********
Statistics for Trav 91 FLT 29 Day 286
**********

Start Time 10:56:47 Start East 554704 Start Nrth 5440170
End Time 11:03:36 End East 568423 End Nrth 5440212

Elaps Time 00:06:49 Line Length = 13.719 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61363.60 | 0.000 | 267 | 14 | 7 | 5 | 44 | 181.0 | 250.0 |
| Max | 62940.85 | 0.329 | 1260 | 157 | 45 | 47 | 97 | 425.0 | 644.0 |
| Mn | 61681.38 | 0.027 | 768 | 69 | 23 | 26 | 66 | 273.1 | 406.0 |

**********
Statistics for Trav 92 FLT 29 Day 286
**********

Start Time 10:47:18 Start East 555272 Start Nrth 5439988
End Time 10:55:36 End East 569534 End Nrth 5440022

Elaps Time 00:08:18 Line Length = 14.262 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61338.15 | 0.000 | 244 | 16 | 6 | 3 | 40 | 143.0 | 268.0 |
| Max | 62606.73 | 0.215 | 1292 | 137 | 48 | 52 | 97 | 408.0 | 637.0 |
| Mn | 61661.96 | 0.024 | 788 | 70 | 24 | 27 | 66 | 256.7 | 420.0 |

# APPENDIX 7

## DATA STATISTICS

## Flight Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Mt Horror |
| Area: | 2 |
| Tie Lines: | 1 - 31 |

**********
Statistics for Tie 1 FLT 27 Day 285
**********

Start Time 09:23:09 Start East 555987 Start Nrth 5439662
End Time 09:30:53 End East 556014 End Nrth 5454934

Elaps Time 00:07:44 Line Length = 15.272 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61611.57 | 0.000 | 170 | 9 | 1 | 2 | 41 | 157.0 | 155.0 |
| Max | 61753.22 | 0.125 | 1068 | 124 | 41 | 51 | 89 | 415.0 | 386.0 |
| Mn | 61657.63 | 0.022 | 617 | 57 | 19 | 20 | 61 | 248.2 | 239.8 |

**********
Statistics for Tie 2 FLT 27 Day 285
**********

Start Time 09:32:14 Start East 556391 Start Nrth 5439328
End Time 09:41:03 End East 556407 End Nrth 5455365

Elaps Time 00:08:49 Line Length = 16.037 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60902.09 | 0.000 | 257 | 13 | 6 | 3 | 39 | 162.0 | 173.0 |
| Max | 61712.20 | 0.251 | 1079 | 124 | 43 | 46 | 86 | 391.0 | 396.0 |
| Mn | 61650.86 | 0.026 | 683 | 60 | 21 | 25 | 62 | 236.3 | 279.1 |

**********
Statistics for Tie 3 FLT 27 Day 285
**********

Start Time 09:42:02 Start East 556794 Start Nrth 5439570
End Time 09:50:36 End East 556826 End Nrth 5455459

Elaps Time 00:08:34 Line Length = 15.889 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61606.26 | 0.000 | 405 | 25 | 6 | 8 | 34 | 157.0 | 180.0 |
| Max | 61730.13 | 0.201 | 1102 | 134 | 39 | 50 | 88 | 448.0 | 487.0 |
| Mn | 61652.20 | 0.027 | 679 | 63 | 19 | 24 | 62 | 253.5 | 313.5 |

Statistics for Tie 4 FLT 27 Day 285

Start Time 09:51:33 Start East 557187 Start Nrth 5439450
End Time 10:00:37 End East 557212 End Nrth 5454827

Elaps Time 00:09:04 Line Length = 15.377 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61605.28 | 0.000 | 354 | 21 | 6 | 9 | 40 | 164.0 | 214.0 |
| Max | 61769.35 | 0.176 | 1017 | 118 | 38 | 54 | 95 | 392.0 | 517.0 |
| Mn | 61655.64 | 0.026 | 651 | 61 | 18 | 24 | 64 | 251.6 | 345.2 |

Statistics for Tie 5 FLT 27 Day 285

Start Time 10:01:40 Start East 557588 Start Nrth 5439568
End Time 10:11:04 End East 557618 End Nrth 5454948

Elaps Time 00:09:24 Line Length = 15.380 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61604.50 | 0.000 | 411 | 28 | 7 | 7 | 42 | 159.0 | 201.0 |
| Max | 61692.15 | 0.188 | 1034 | 123 | 41 | 49 | 101 | 491.0 | 466.0 |
| Mn | 61648.61 | 0.025 | 665 | 63 | 18 | 24 | 64 | 244.1 | 345.8 |

Statistics for Tie 6 FLT 27 Day 285

Start Time 10:12:20 Start East 557992 Start Nrth 5439575
End Time 10:21:19 End East 558015 End Nrth 5455062

Elaps Time 00:08:59 Line Length = 15.487 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61602.19 | 0.000 | 248 | 11 | 5 | 5 | 41 | 145.0 | 214.0 |
| Max | 61682.84 | 0.315 | 1111 | 139 | 36 | 56 | 92 | 383.0 | 473.0 |
| Mn | 61644.27 | 0.029 | 602 | 60 | 16 | 21 | 65 | 250.8 | 365.2 |

**********

Statistics for Tie 7 FLT 27 Day 285

**********

Start Time 10:22:42 Start East 558391 Start Nrth 5439534
End Time 10:31:41 End East 558421 End Nrth 5455017

Elaps Time 00:08:59 Line Length = 15.483 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61600.29 | 0.000 | 313 | 17 | 4 | 6 | 44 | 168.0 | 215.0 |
| Max | 61668.14 | 0.214 | 876 | 106 | 32 | 49 | 99 | 356.0 | 473.0 |
| Mn | 61639.41 | 0.027 | 541 | 54 | 14 | 18 | 64 | 248.3 | 352.5 |

**********

Statistics for Tie 8 FLT 27 Day 285

**********

Start Time 10:34:44 Start East 558787 Start Nrth 5439506
End Time 10:43:23 End East 558827 End Nrth 5455008

Elaps Time 00:08:39 Line Length = 15.502 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61600.91 | 0.000 | 339 | 26 | 4 | 6 | 37 | 152.0 | 226.0 |
| Max | 61715.89 | 0.231 | 864 | 117 | 38 | 48 | 90 | 382.0 | 440.0 |
| Mn | 61642.43 | 0.028 | 588 | 58 | 16 | 20 | 64 | 248.9 | 337.0 |

**********

Statistics for Tie 9 FLT 27 Day 285

**********

Start Time 10:44:51 Start East 559194 Start Nrth 5439567
End Time 10:53:10 End East 559218 End Nrth 5454944

Elaps Time 00:08:19 Line Length = 15.377 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61596.06 | 0.000 | 367 | 23 | 4 | 6 | 39 | 160.0 | 255.0 |
| Max | 61735.96 | 0.172 | 1003 | 125 | 36 | 42 | 92 | 392.0 | 437.0 |
| Mn | 61638.90 | 0.028 | 595 | 58 | 16 | 21 | 64 | 253.5 | 334.3 |

**********

Statistics for Tie 10 FLT 27 Day 285

**********

Start Time 12:30:39 Start East 559589 Start Nrth 5439470
End Time 12:39:23 End East 559614 End Nrth 5455616

Elaps Time 00:08:44 Line Length = 16.146 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61598.37 | 0.000 | 298 | 18 | 4 | 6 | 40 | 176.0 | 261.0 |
| Max | 61748.71 | 0.232 | 915 | 131 | 38 | 48 | 94 | 392.0 | 421.0 |
| Mn | 61645.25 | 0.028 | 616 | 61 | 16 | 22 | 64 | 260.9 | 336.5 |

**********

Statistics for Tie 11 FLT 27 Day 285

**********

Start Time 10:54:25 Start East 559989 Start Nrth 5439363
End Time 11:05:39 End East 560009 End Nrth 5459665

Elaps Time 00:11:14 Line Length = 20.302 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61566.31 | 0.000 | 257 | 13 | 6 | 7 | 36 | 165.0 | 202.0 |
| Max | 61709.25 | 0.249 | 953 | 125 | 38 | 45 | 93 | 368.0 | 477.0 |
| Mn | 61623.07 | 0.027 | 643 | 59 | 18 | 23 | 64 | 245.8 | 311.8 |

**********

Statistics for Tie 12 FLT 27 Day 285

**********

Start Time 11:07:00 Start East 560394 Start Nrth 5439597
End Time 11:17:09 End East 560419 End Nrth 5459543

Elaps Time 00:10:09 Line Length = 19.946 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61566.87 | 0.000 | 248 | 10 | 2 | 6 | 41 | 180.0 | 204.0 |
| Max | 61699.15 | 0.127 | 1062 | 135 | 40 | 51 | 88 | 403.0 | 555.0 |
| Mn | 61624.65 | 0.026 | 644 | 60 | 18 | 23 | 64 | 254.7 | 319.1 |

**********

Statistics for Tie 13 FLT 27 Day 285

**********

Start Time 11:18:35 Start East 560750 Start Nrth 5439363
End Time 11:29:39 End East 560821 End Nrth 5459374

Elaps Time 00:11:04 Line Length = 20.011 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61573.16 | 0.000 | 251 | 11 | 4 | 7 | 41 | 153.0 | 202.0 |
| Max | 61754.10 | 0.183 | 978 | 118 | 40 | 47 | 95 | 641.0 | 631.0 |
| Mn | 61624.00 | 0.027 | 644 | 58 | 18 | 24 | 64 | 271.9 | 333.1 |

**********

Statistics for Tie 14 FLT 27 Day 285

**********

Start Time 11:30:55 Start East 561190 Start Nrth 5439599
End Time 11:41:04 End East 561222 End Nrth 5459478

Elaps Time 00:10:09 Line Length = 19.879 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61570.74 | 0.000 | 193 | 11 | 3 | 0 | 35 | 177.0 | 193.4 |
| Max | 61770.29 | 0.163 | 1139 | 125 | 42 | 47 | 100 | 523.0 | 706.0 |
| Mn | 61631.30 | 0.027 | 626 | 57 | 18 | 22 | 64 | 269.2 | 332.1 |

**********

Statistics for Tie 15 FLT 27 Day 285

**********

Start Time 11:41:55 Start East 561522 Start Nrth 5439329
End Time 11:52:44 End East 561615 End Nrth 5458400

Elaps Time 00:10:49 Line Length = 19.071 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61578.62 | 0.000 | 257 | 9 | 3 | 4 | 37 | 140.0 | 222.0 |
| Max | 61699.08 | 0.193 | 1294 | 146 | 56 | 64 | 96 | 555.0 | 734.0 |
| Mn | 61630.23 | 0.027 | 695 | 67 | 19 | 24 | 64 | 271.4 | 350.2 |

**********

Statistics for Tie 16 FLT 27 Day 285

**********

Start Time 11:54:00 Start East 561974 Start Nrth 5439497
End Time 12:04:59 End East 562875 End Nrth 5458534

Elaps Time 00:10:59 Line Length = 19.058 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61574.97 | 0.000 | 269 | 15 | 3 | 5 | 43 | 156.0 | 213.4 |
| Max | 61687.16 | 0.152 | 1212 | 130 | 47 | 51 | 90 | 497.0 | 675.0 |
| Mn | 61626.50 | 0.026 | 693 | 65 | 19 | 24 | 64 | 270.4 | 346.2 |

**********

Statistics for Tie 17 FLT 27 Day 285

**********

Start Time 12:05:50 Start East 562352 Start Nrth 5439296
End Time 12:16:39 End East 562828 End Nrth 5458494

Elaps Time 00:10:49 Line Length = 19.204 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61572.68 | 0.000 | 282 | 11 | 3 | 7 | 43 | 153.0 | 223.0 |
| Max | 61739.58 | 0.178 | 1178 | 147 | 46 | 59 | 101 | 526.0 | 577.0 |
| Mn | 61626.08 | 0.030 | 715 | 66 | 20 | 26 | 64 | 266.2 | 334.0 |

**********

Statistics for Tie 18 FLT 27 Day 285

**********

Start Time 12:18:06 Start East 562786 Start Nrth 5439671
End Time 12:28:05 End East 562819 End Nrth 5458534

Elaps Time 00:09:59 Line Length = 18.863 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61571.10 | 0.000 | 350 | 24 | 1 | 8 | 38 | 177.0 | 196.0 |
| Max | 61698.21 | 0.168 | 1401 | 150 | 59 | 60 | 95 | 467.0 | 483.0 |
| Mn | 61619.34 | 0.027 | 751 | 72 | 21 | 27 | 64 | 272.9 | 315.7 |

**********

Statistics for Tie 19 FLT 28 Day 285

**********

Start Time 14:26:34 Start East 563192 Start Nrth 5439006
End Time 14:36:27 End East 563222 End Nrth 5458472

Elaps Time 00:09:53 Line Length = 19.466 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61565.81 | 0.000 | 315 | 19 | 3 | 4 | 42 | 176.0 | 211.0 |
| Max | 61702.87 | 0.209 | 1426 | 163 | 53 | 50 | 91 | 366.0 | 428.0 |
| Mn | 61614.70 | 0.033 | 693 | 62 | 20 | 26 | 63 | 256.8 | 314.2 |

**********

Statistics for Tie 20 FLT 28 Day 285

**********

Start Time 14:37:59 Start East 563588 Start Nrth 5438711
End Time 14:48:03 End East 563620 End Nrth 5458870

Elaps Time 00:10:04 Line Length = 20.159 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61560.89 | 0.000 | 290 | 13 | 3 | 7 | 40 | 146.0 | 209.0 |
| Max | 61667.84 | 0.236 | 1210 | 142 | 46 | 54 | 90 | 457.0 | 483.0 |
| Mn | 61609.20 | 0.028 | 652 | 60 | 19 | 23 | 64 | 267.8 | 322.6 |

**********

Statistics for Tie 21 FLT 28 Day 285

**********

Start Time 14:49:11 Start East 563982 Start Nrth 5438218
End Time 15:00:10 End East 564017 End Nrth 5458354

Elaps Time 00:10:59 Line Length = 20.136 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61490.26 | 0.000 | 209 | 17 | 3 | 4 | 43 | 146.0 | 215.0 |
| Max | 61761.31 | 0.408 | 1358 | 163 | 50 | 57 | 94 | 375.0 | 558.0 |
| Mn | 61607.15 | 0.033 | 650 | 60 | 18 | 23 | 64 | 249.5 | 332.1 |

**********

Statistics for Tie 21 FLT 29 Day 286

**********

Start Time 09:39:07 Start East 563994 Start Nrth 5439084
End Time 09:49:16 End East 564017 End Nrth 5458435

Elaps Time 00:10:09 Line Length = 19.351 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61481.04 | 0.000 | 208 | 16 | 3 | 3 | 42 | 166.0 | 224.0 |
| Max | 61768.26 | 0.279 | 1381 | 158 | 52 | 51 | 87 | 441.0 | 557.0 |
| Mn | 61597.02 | 0.026 | 638 | 58 | 18 | 23 | 64 | 261.8 | 329.9 |

**********

Statistics for Tie 22 FLT 28 Day 285

**********

Start Time 15:01:37 Start East 564389 Start Nrth 5439540
End Time 15:11:01 End East 564443 End Nrth 5458423

Elaps Time 00:09:24 Line Length = 18.883 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61319.71 | 0.000 | 176 | 11 | 1 | 4 | 36 | 170.0 | 225.0 |
| Max | 63140.75 | 0.499 | 1715 | 211 | 56 | 54 | 89 | 413.0 | 645.0 |
| Mn | 61633.53 | 0.035 | 579 | 52 | 16 | 21 | 64 | 259.4 | 321.2 |

**********

Statistics for Tie 22 FLT 29 Day 286

**********

Start Time 10:04:53 Start East 564388 Start Nrth 5439591
End Time 10:15:51 End East 564443 End Nrth 5459123

Elaps Time 00:10:58 Line Length = 19.532 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61312.82 | 0.000 | 170 | 10 | 3 | 3 | 43 | 169.0 | 209.2 |
| Max | 63282.79 | 0.445 | 1630 | 186 | 55 | 46 | 90 | 371.0 | 639.0 |
| Mn | 61624.04 | 0.032 | 580 | 50 | 18 | 21 | 64 | 253.0 | 316.2 |

**********

Statistics for Tie 23 FLT 28 Day 285

**********

Start Time 15:11:47 Start East 564788 Start Nrth 5439142
End Time 15:22:26 End East 564846 End Nrth 5458448

Elaps Time 00:10:39 Line Length = 19.306 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61198.39 | 0.000 | 174 | 8 | 1 | 2 | 38 | 141.2 | 210.0 |
| Max | 63393.76 | 2.493 | 1480 | 191 | 52 | 55 | 93 | 378.0 | 629.0 |
| Mn | 61615.77 | 0.042 | 645 | 59 | 19 | 22 | 64 | 241.3 | 316.7 |

**********

Statistics for Tie 23 FLT 29 Day 286

**********

Start Time 10:17:14 Start East 564789 Start Nrth 5438992
End Time 10:27:38 End East 564820 End Nrth 5458680

Elaps Time 00:10:24 Line Length = 19.688 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61187.35 | 0.000 | 167 | 8 | 1 | 2 | 46 | 159.0 | 213.0 |
| Max | 63411.67 | 0.704 | 1321 | 157 | 56 | 56 | 91 | 477.0 | 630.0 |
| Mn | 61607.48 | 0.032 | 624 | 56 | 19 | 21 | 64 | 259.1 | 325.0 |

**********

Statistics for Tie 24 FLT 28 Day 285

**********

Start Time 15:23:55 Start East 565189 Start Nrth 5439468
End Time 15:33:39 End East 565224 End Nrth 5459146

Elaps Time 00:09:44 Line Length = 19.678 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61501.19 | 0.000 | 155 | 9 | 2 | 1 | 38 | 156.0 | 205.0 |
| Max | 61758.92 | 0.235 | 1760 | 198 | 60 | 58 | 90 | 387.0 | 574.0 |
| Mn | 61594.86 | 0.031 | 683 | 63 | 20 | 22 | 63 | 255.8 | 295.5 |

Statistics for Tie 25 FLT 28 Day 285

**********

Start Time 15:34:49 Start East 565584 Start Nrth 5439101
End Time 15:45:43 End East 565615 End Nrth 5458387

Elaps Time 00:10:54 Line Length = 19.286 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61404.41 | 0.000 | 169 | 11 | 2 | 4 | 44 | 164.0 | 210.0 |
| Max | 61803.73 | 0.484 | 1716 | 181 | 66 | 59 | 94 | 421.0 | 493.0 |
| Mn | 61598.86 | 0.032 | 708 | 66 | 21 | 23 | 64 | 254.7 | 312.4 |

**********

Statistics for Tie 26 FLT 28 Day 285

**********

Start Time 15:46:48 Start East 565982 Start Nrth 5439484
End Time 15:56:42 End East 566052 End Nrth 5458744

Elaps Time 00:09:54 Line Length = 19.260 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61509.36 | 0.000 | 262 | 16 | 4 | 4 | 37 | 146.0 | 193.0 |
| Max | 61921.43 | 0.186 | 1617 | 179 | 50 | 60 | 91 | 381.0 | 501.0 |
| Mn | 61596.89 | 0.029 | 697 | 66 | 20 | 23 | 64 | 245.7 | 316.2 |

**********

Statistics for Tie 27 FLT 28 Day 285

**********

Start Time 15:57:57 Start East 566140 Start Nrth 5439368
End Time 16:09:36 End East 566423 End Nrth 5458365

Elaps Time 00:11:39 Line Length = 18.999 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61461.48 | 0.000 | 231 | 13 | 3 | 3 | 39 | 168.0 | 198.0 |
| Max | 61740.06 | 0.400 | 1644 | 182 | 53 | 52 | 91 | 529.0 | 547.0 |
| Mn | 61588.98 | 0.031 | 684 | 62 | 20 | 23 | 64 | 253.1 | 322.6 |

**********

Statistics for Tie 28 FLT 28 Day 285

**********

Start Time 16:12:17 Start East 566266 Start Nrth 5439539
End Time 16:22:16 End East 567008 End Nrth 5458419

Elaps Time 00:09:59 Line Length = 18.895 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61302.72 | 0.000 | 204 | 10 | 3 | 6 | 44 | 148.0 | 207.0 |
| Max | 62426.19 | 0.359 | 1497 | 193 | 51 | 49 | 91 | 510.0 | 541.0 |
| Mn | 61618.47 | 0.033 | 687 | 60 | 20 | 24 | 64 | 256.8 | 323.1 |

**********

Statistics for Tie 28 FLT 29 Day 286

**********

Start Time 10:31:18 Start East 566289 Start Nrth 5439471
End Time 10:42:32 End East 566815 End Nrth 5458910

Elaps Time 00:11:14 Line Length = 19.446 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61296.53 | 0.000 | 220 | 10 | 2 | 3 | 42 | 177.0 | 195.0 |
| Max | 62592.04 | 0.322 | 1784 | 222 | 59 | 56 | 99 | 450.0 | 545.0 |
| Mn | 61614.38 | 0.029 | 705 | 61 | 22 | 25 | 64 | 261.9 | 325.5 |

**********

Statistics for Tie 29 FLT 28 Day 285

**********

Start Time 16:24:00 Start East 567195 Start Nrth 5439446
End Time 16:34:49 End East 567383 End Nrth 5458393

Elaps Time 00:10:49 Line Length = 18.948 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61409.89 | 0.000 | 196 | 10 | 3 | 3 | 40 | 184.0 | 195.0 |
| Max | 61976.90 | 0.380 | 1276 | 140 | 53 | 52 | 91 | 568.0 | 582.0 |
| Mn | 61611.86 | 0.032 | 656 | 55 | 20 | 23 | 63 | 275.2 | 317.2 |

**********

Statistics for Tie 30 FLT 28 Day 285

**********

Start Time 16:36:04 Start East 567582 Start Nrth 5439561
End Time 16:45:52 End East 567624 End Nrth 5459145

Elaps Time 00:09:48 Line Length = 19.584 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61196.94 | 0.000 | 194 | 9 | 2 | 2 | 42 | 136.0 | 174.0 |
| Max | 62170.19 | 1.013 | 1862 | 221 | 59 | 61 | 97 | 546.0 | 624.0 |
| Mn | 61614.01 | 0.044 | 779 | 69 | 23 | 25 | 64 | 245.5 | 308.3 |

# APPENDIX 7

## DATA STATISTICS

## Flight Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Pipers River |
| Area: | 3 |
| Traverse Lines: | 1 - 92 |

**********

Statistics for Trav 1 FLT 2 Day 265

**********

Start Time 11:07:25 Start East 502151 Start Nrth 5458164
End Time 11:28:15 End East 538044 End Nrth 5458220

Elaps Time 00:20:50 Line Length = 35.893 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61434.20 | 0.000 | 167 | 7 | 2 | 0 | 35 | 183.0 | 61.0 |
| Max | 61795.89 | 0.145 | 878 | 99 | 36 | 39 | 94 | 319.6 | 240.0 |
| Mn | 61713.81 | 0.020 | 378 | 30 | 12 | 14 | 61 | 223.0 | 108.5 |

**********

Statistics for Trav 2 FLT 2 Day 265

**********

Start Time 11:39:09 Start East 488334 Start Nrth 5457951
End Time 12:05:28 End East 537617 End Nrth 5458239

Elaps Time 00:26:19 Line Length = 49.284 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61447.33 | 0.000 | 75 | 1 | 0 | 0 | 37 | 170.0 | 54.0 |
| Max | 61896.35 | 0.161 | 908 | 110 | 33 | 49 | 91 | 338.2 | 244.0 |
| Mn | 61705.76 | 0.021 | 366 | 31 | 11 | 13 | 61 | 217.8 | 104.9 |

**********

Statistics for Trav 3 FLT 2 Day 265

**********

Start Time 12:06:33 Start East 488416 Start Nrth 5457769
End Time 12:37:52 End East 538531 End Nrth 5457832

Elaps Time 00:31:19 Line Length = 50.115 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61533.51 | 0.000 | 153 | 7 | 0 | 0 | 31 | 179.0 | 57.0 |
| Max | 61915.27 | 0.218 | 1233 | 130 | 43 | 50 | 89 | 314.6 | 229.0 |
| Mn | 61704.95 | 0.020 | 378 | 32 | 11 | 14 | 60 | 219.9 | 103.7 |

**********

Statistics for Trav 4 FLT 2 Day 265

**********

Start Time 12:39:04 Start East 488308 Start Nrth 5457555
End Time 13:02:13 End East 537453 End Nrth 5457652

Elaps Time 00:23:09 Line Length = 49.145 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61542.95 | 0.000 | 173 | 8 | 1 | 1 | 37 | 185.0 | 64.0 |
| Max | 61875.62 | 0.151 | 1119 | 117 | 36 | 52 | 87 | 305.0 | 207.0 |
| Mn | 61711.78 | 0.021 | 413 | 35 | 13 | 15 | 60 | 225.9 | 110.9 |

**********

Statistics for Trav 5 FLT 3 Day 265

**********

Start Time 14:51:34 Start East 488989 Start Nrth 5457374
End Time 15:21:17 End East 537807 End Nrth 5457419

Elaps Time 00:29:43 Line Length = 48.818 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61551.91 | 0.000 | 169 | 6 | 1 | 1 | 36 | 186.0 | 62.0 |
| Max | 61863.00 | 0.314 | 1022 | 114 | 41 | 54 | 89 | 289.0 | 187.0 |
| Mn | 61718.65 | 0.021 | 423 | 36 | 13 | 16 | 60 | 221.4 | 107.7 |

**********

Statistics for Trav 6 FLT 3 Day 265

**********

Start Time 15:22:42 Start East 488996 Start Nrth 5457169
End Time 15:32:46 End East 511877 End Nrth 5457230

Elaps Time 00:10:04 Line Length = 22.881 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61509.51 | 0.000 | 162 | 5 | 0 | 1 | 38 | 179.0 | 59.0 |
| Max | 61769.19 | 0.174 | 517 | 67 | 26 | 27 | 89 | 291.0 | 191.0 |
| Mn | 61682.29 | 0.022 | 302 | 25 | 9 | 12 | 63 | 225.2 | 113.8 |

**********

Statistics for Trav 6 FLT 3 Day 265

**********

Start Time 15:33:57 Start East 511383 Start Nrth 5457171
End Time 15:46:51 End East 537295 End Nrth 5457228

Elaps Time 00:12:54 Line Length = 25.912 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61522.80 | 0.000 | 189 | 8 | 2 | 2 | 38 | 179.0 | 59.0 |
| Max | 61914.50 | 0.197 | 1126 | 115 | 42 | 53 | 86 | 279.0 | 182.0 |
| Mn | 61751.30 | 0.022 | 496 | 38 | 15 | 20 | 60 | 220.9 | 106.9 |

**********

Statistics for Trav 7 FLT 3 Day 265

**********

Start Time 15:47:46 Start East 527225 Start Nrth 5456982
End Time 15:53:45 End East 537832 End Nrth 5457018

Elaps Time 00:05:59 Line Length = 10.607 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61590.26 | 0.000 | 321 | 17 | 8 | 4 | 41 | 192.0 | 66.0 |
| Max | 61875.62 | 0.111 | 1082 | 102 | 47 | 59 | 85 | 262.0 | 153.0 |
| Mn | 61752.18 | 0.020 | 571 | 45 | 22 | 22 | 60 | 220.6 | 102.7 |

**********

Statistics for Trav 7 FLT 3 Day 265

**********

Start Time 15:57:31 Start East 527137 Start Nrth 5456927
End Time 15:57:49 End East 527576 End Nrth 5457024

Elaps Time 00:00:18 Line Length = 0.450 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61770.01 | 0.000 | 523 | 27 | 11 | 13 | 42 | 207.2 | 8.0 |
| Max | 61775.13 | 0.150 | 710 | 73 | 31 | 36 | 67 | 386.0 | 97.4 |
| Mn | 61772.17 | 0.026 | 606 | 50 | 16 | 22 | 56 | 255.4 | 45.4 |

**********

Statistics for Trav 7 FLT 3 Day 265

**********

Start Time 15:58:20 Start East 527441 Start Nrth 5456732
End Time 15:58:44 End East 527809 End Nrth 5457007

Elaps Time 00:00:24 Line Length = 0.459 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61773.99 | 0.000 | 529 | 34 | 9 | 16 | 44 | 196.0 | 76.0 |
| Max | 61777.73 | 0.113 | 690 | 63 | 27 | 41 | 74 | 204.0 | 85.6 |
| Mn | 61776.42 | 0.025 | 621 | 44 | 19 | 29 | 59 | 198.9 | 80.3 |

**********

Statistics for Trav 7 FLT 3 Day 265

**********

Start Time 16:00:19 Start East 489299 Start Nrth 5456887
End Time 16:23:13 End East 527808 End Nrth 5457035

Elaps Time 00:22:54 Line Length = 38.509 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61413.09 | 0.000 | 178 | 8 | 1 | 1 | 38 | 178.0 | 58.0 |
| Max | 61958.69 | 0.216 | 1250 | 123 | 34 | 65 | 90 | 283.0 | 180.0 |
| Mn | 61720.73 | 0.021 | 397 | 34 | 12 | 15 | 60 | 224.2 | 110.9 |

**********

Statistics for Trav 8 FLT 3 Day 265

**********

Start Time 16:25:18 Start East 488627 Start Nrth 5456731
End Time 16:47:17 End East 537398 End Nrth 5456854

Elaps Time 00:21:59 Line Length = 48.771 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61486.98 | 0.000 | 159 | 8 | 1 | 2 | 36 | 195.0 | 77.0 |
| Max | 62044.62 | 0.156 | 1140 | 129 | 44 | 65 | 88 | 284.0 | 190.0 |
| Mn | 61723.04 | 0.021 | 406 | 33 | 13 | 15 | 61 | 228.8 | 118.6 |

**********

Statistics for Trav 9 FLT 4 Day 266

**********

Start Time 09:43:08 Start East 489556 Start Nrth 5456581
End Time 10:05:46 End East 537739 End Nrth 5456614

Elaps Time 00:22:38 Line Length = 48.183 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61451.31 | 0.000 | 173 | 8 | 1 | 1 | 36 | 0.0 | 0.0 |
| Max | 62009.67 | 0.174 | 1124 | 114 | 38 | 64 | 88 | 291.0 | 395.0 |
| Mn | 61724.32 | 0.019 | 423 | 34 | 14 | 16 | 59 | 24.8 | 296.0 |

**********

Statistics for Trav 9 FLT 19 Day 280

**********

Start Time 08:46:27 Start East 489643 Start Nrth 5456590
End Time 09:11:46 End East 537947 End Nrth 5456609

Elaps Time 00:25:19 Line Length = 48.304 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61439.91 | 0.000 | 180 | 8 | 0 | 2 | 38 | 146.0 | 62.2 |
| Max | 62009.32 | 0.173 | 1187 | 123 | 48 | 64 | 86 | 321.0 | 188.0 |
| Mn | 61722.29 | 0.022 | 420 | 34 | 13 | 16 | 60 | 237.2 | 117.3 |

**********

Statistics for Trav 10 FLT 4 Day 266

**********

Start Time 10:07:14 Start East 489534 Start Nrth 5456383
End Time 10:31:33 End East 537438 End Nrth 5456423

Elaps Time 00:24:19 Line Length = 47.904 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61466.94 | 0.000 | 177 | 7 | 1 | 1 | 35 | 0.0 | 200.0 |
| Max | 61937.34 | 0.116 | 1250 | 133 | 45 | 67 | 82 | 258.0 | 386.0 |
| Mn | 61727.14 | 0.021 | 433 | 35 | 14 | 16 | 59 | 22.9 | 298.8 |

**********

Statistics for Trav 10 FLT 19 Day 280

**********

Start Time 09:13:24 Start East 489183 Start Nrth 5456387
End Time 09:35:33 End East 537381 End Nrth 5456409

Elaps Time 00:22:09 Line Length = 48.198 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61469.97 | 0.000 | 183 | 7 | 1 | 1 | 38 | 160.0 | 69.0 |
| Max | 61938.51 | 0.164 | 1179 | 124 | 48 | 68 | 91 | 315.0 | 209.0 |
| Mn | 61724.09 | 0.025 | 417 | 34 | 13 | 16 | 60 | 238.8 | 119.3 |

**********

Statistics for Trav 11 FLT 4 Day 266

**********

Start Time 10:32:34 Start East 490065 Start Nrth 5456173
End Time 10:56:28 End East 537728 End Nrth 5456212

Elaps Time 00:23:54 Line Length = 47.663 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61419.88 | 0.000 | 184 | 9 | 2 | 2 | 37 | 0.0 | 203.0 |
| Max | 61914.75 | 0.135 | 977 | 102 | 43 | 55 | 91 | 105.0 | 440.0 |
| Mn | 61728.22 | 0.019 | 437 | 35 | 14 | 17 | 60 | 22.2 | 295.2 |

**********

Statistics for Trav 11 FLT 19 Day 280

**********

Start Time 09:36:41 Start East 489960 Start Nrth 5456186
End Time 10:00:35 End East 538003 End Nrth 5456207

Elaps Time 00:23:54 Line Length = 48.043 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61406.10 | 0.000 | 166 | 7 | 1 | 1 | 33 | 141.0 | 63.0 |
| Max | 61917.99 | 0.141 | 987 | 105 | 43 | 56 | 88 | 319.0 | 227.0 |
| Mn | 61726.19 | 0.023 | 438 | 35 | 14 | 17 | 60 | 230.0 | 117.0 |

**********

Statistics for Trav 12 FLT 4 Day 266

**********

Start Time 11:01:26 Start East 489852 Start Nrth 5455979
End Time 11:25:53 End East 537414 End Nrth 5456018

Elaps Time 00:24:27 Line Length = 47.562 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61438.38 | 0.000 | 172 | 9 | 0 | 1 | 36 | 143.0 | 67.0 |
| Max | 61861.94 | 0.122 | 1103 | 108 | 51 | 54 | 92 | 311.0 | 210.0 |
| Mn | 61725.74 | 0.020 | 436 | 36 | 14 | 16 | 59 | 239.5 | 120.7 |

**********

Statistics for Trav 13 FLT 4 Day 266

**********

Start Time 11:27:07 Start East 490036 Start Nrth 5455774
End Time 11:50:36 End East 537428 End Nrth 5455822

Elaps Time 00:23:29 Line Length = 47.392 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61513.25 | 0.000 | 177 | 8 | 2 | 1 | 35 | 165.0 | 71.0 |
| Max | 61886.22 | 0.589 | 957 | 110 | 40 | 54 | 92 | 332.0 | 205.0 |
| Mn | 61724.25 | 0.020 | 433 | 36 | 14 | 16 | 59 | 235.6 | 120.1 |

**********

Statistics for Trav 14 FLT 4 Day 266

**********

Start Time 11:52:01 Start East 490249 Start Nrth 5455579
End Time 12:16:05 End East 537454 End Nrth 5455621

Elaps Time 00:24:04 Line Length = 47.205 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61426.19 | 0.000 | 196 | 8 | 1 | 2 | 35 | 150.0 | 62.0 |
| Max | 61922.75 | 0.263 | 1027 | 110 | 37 | 58 | 88 | 309.0 | 190.0 |
| Mn | 61726.39 | 0.022 | 438 | 36 | 14 | 16 | 59 | 234.5 | 122.1 |

**********

Statistics for Trav 15 FLT 5 Day 266

**********

Start Time 14:20:13 Start East 490736 Start Nrth 5455370
End Time 14:44:21 End East 538225 End Nrth 5455427

Elaps Time 00:24:08 Line Length = 47.489 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61335.53 | 0.000 | 176 | 8 | 2 | 2 | 31 | 147.0 | 70.0 |
| Max | 61959.00 | 0.414 | 1016 | 113 | 39 | 54 | 88 | 310.0 | 190.0 |
| Mn | 61729.70 | 0.021 | 442 | 36 | 14 | 17 | 59 | 228.7 | 120.8 |

**********

Statistics for Trav 16 FLT 5 Day 266

**********

Start Time 14:45:32 Start East 490066 Start Nrth 5455172
End Time 15:10:26 End East 537296 End Nrth 5455229

Elaps Time 00:24:54 Line Length = 47.230 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61455.74 | 0.000 | 164 | 10 | 1 | 2 | 32 | 143.0 | 69.0 |
| Max | 61987.16 | 0.445 | 1129 | 138 | 35 | 61 | 89 | 332.0 | 218.0 |
| Mn | 61736.70 | 0.023 | 441 | 36 | 14 | 17 | 59 | 232.6 | 123.9 |

**********

Statistics for Trav 17 FLT 5 Day 266

**********

Start Time 15:11:48 Start East 490992 Start Nrth 5454973
End Time 15:36:17 End East 537709 End Nrth 5455020

Elaps Time 00:24:29 Line Length = 46.717 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61553.73 | 0.000 | 207 | 9 | 1 | 2 | 38 | 154.0 | 76.0 |
| Max | 62048.21 | 0.161 | 936 | 121 | 32 | 49 | 88 | 317.0 | 220.0 |
| Mn | 61737.47 | 0.019 | 445 | 36 | 14 | 17 | 60 | 236.4 | 125.7 |

**********

Statistics for Trav 18 FLT 5 Day 266

**********

Start Time 15:37:13 Start East 490453 Start Nrth 5454777
End Time 16:01:32 End East 537387 End Nrth 5454821

Elaps Time 00:24:19 Line Length = 46.934 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61447.12 | 0.000 | 187 | 8 | 2 | 2 | 37 | 165.0 | 74.0 |
| Max | 62139.83 | 0.326 | 1007 | 108 | 34 | 53 | 84 | 314.0 | 217.0 |
| Mn | 61740.52 | 0.021 | 438 | 36 | 14 | 17 | 60 | 238.6 | 128.0 |

**********

Statistics for Trav 19 FLT 5 Day 266

**********

Start Time 16:02:23 Start East 491443 Start Nrth 5454572
End Time 16:25:22 End East 538065 End Nrth 5454634

Elaps Time 00:22:59 Line Length = 46.622 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61457.56 | 0.000 | 192 | 6 | 1 | 1 | 34 | 151.0 | 78.0 |
| Max | 62252.17 | 0.449 | 985 | 109 | 41 | 55 | 84 | 319.0 | 205.0 |
| Mn | 61741.72 | 0.021 | 438 | 36 | 14 | 17 | 59 | 231.6 | 126.1 |

**********

Statistics for Trav 20 FLT 5 Day 266

**********

Start Time 16:26:30 Start East 490412 Start Nrth 5454341
End Time 16:50:28 End East 537335 End Nrth 5454427

Elaps Time 00:23:58 Line Length = 46.923 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61554.35 | 0.000 | 193 | 7 | 1 | 2 | 38 | 150.0 | 75.0 |
| Max | 62035.45 | 0.201 | 1074 | 114 | 35 | 58 | 90 | 311.0 | 194.0 |
| Mn | 61737.94 | 0.021 | 439 | 37 | 13 | 17 | 59 | 234.4 | 127.9 |

**********

Statistics for Trav 21 FLT 6 Day 267

**********

Start Time 09:24:03 Start East 491636 Start Nrth 5454172
End Time 09:47:26 End East 537453 End Nrth 5454234

Elaps Time 00:23:23 Line Length = 45.817 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61511.67 | 0.000 | 194 | 8 | 1 | 1 | 36 | 165.0 | 80.0 |
| Max | 61955.55 | 1.123 | 936 | 105 | 35 | 53 | 89 | 334.0 | 185.0 |
| Mn | 61735.18 | 0.022 | 444 | 36 | 14 | 18 | 59 | 233.6 | 129.2 |

**********

Statistics for Trav 21 FLT 19 Day 280

**********

Start Time 10:02:58 Start East 490864 Start Nrth 5454187
End Time 10:23:57 End East 537337 End Nrth 5454227

Elaps Time 00:20:59 Line Length = 46.473 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61520.36 | 0.000 | 197 | 10 | 1 | 1 | 37 | 159.0 | 79.0 |
| Max | 61951.07 | 0.220 | 1001 | 110 | 35 | 54 | 84 | 321.0 | 197.0 |
| Mn | 61729.70 | 0.026 | 450 | 37 | 14 | 18 | 60 | 246.3 | 132.2 |

**********

Statistics for Trav 22 FLT 6 Day 267

**********

Start Time 09:49:18 Start East 490978 Start Nrth 5453979
End Time 10:12:32 End East 537263 End Nrth 5454037

Elaps Time 00:23:14 Line Length = 46.285 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61502.54 | 0.000 | 168 | 8 | 2 | 1 | 38 | 143.0 | 77.0 |
| Max | 62051.24 | 0.255 | 932 | 103 | 33 | 51 | 85 | 342.0 | 213.0 |
| Mn | 61737.84 | 0.021 | 448 | 36 | 14 | 18 | 59 | 234.2 | 131.0 |

**********

Statistics for Trav 23 FLT 6 Day 267

**********

Start Time 10:13:34 Start East 491999 Start Nrth 5453774
End Time 10:37:58 End East 537683 End Nrth 5453829

Elaps Time 00:24:24 Line Length = 45.684 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61540.46 | 0.000 | 160 | 8 | 2 | 3 | 35 | 155.0 | 84.0 |
| Max | 62105.75 | 0.236 | 909 | 115 | 38 | 54 | 90 | 340.0 | 210.0 |
| Mn | 61744.13 | 0.020 | 471 | 38 | 15 | 19 | 59 | 228.7 | 129.4 |

**********

Statistics for Trav 24 FLT 6 Day 267

**********

Start Time 10:38:53 Start East 491436 Start Nrth 5453573
End Time 11:03:07 End East 537392 End Nrth 5453619

Elaps Time 00:24:14 Line Length = 45.956 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61079.60 | 0.000 | 151 | 8 | 2 | 2 | 36 | 138.0 | 84.0 |
| Max | 62246.41 | 0.297 | 1093 | 133 | 40 | 59 | 85 | 320.0 | 250.0 |
| Mn | 61739.05 | 0.020 | 490 | 39 | 15 | 20 | 60 | 226.7 | 131.7 |

**********

Statistics for Trav 25 FLT 7 Day 267

**********

Start Time 13:59:10 Start East 492272 Start Nrth 5453382
End Time 14:23:33 End East 537701 End Nrth 5453416

Elaps Time 00:24:23 Line Length = 45.429 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61167.02 | 0.000 | 144 | 8 | 2 | 1 | 37 | 145.0 | 82.0 |
| Max | 62451.86 | 0.393 | 1062 | 108 | 47 | 59 | 85 | 358.0 | 271.0 |
| Mn | 61746.70 | 0.021 | 476 | 38 | 15 | 19 | 60 | 231.3 | 134.5 |

**********

Statistics for Trav 26 FLT 7 Day 267

**********

Start Time 14:25:04 Start East 491888 Start Nrth 5453160
End Time 14:47:33 End East 537351 End Nrth 5453238

Elaps Time 00:22:29 Line Length = 45.463 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61199.73 | 0.000 | 140 | 4 | 2 | 2 | 35 | 159.0 | 79.0 |
| Max | 62069.85 | 0.161 | 1041 | 111 | 47 | 61 | 89 | 339.0 | 266.0 |
| Mn | 61739.93 | 0.022 | 474 | 37 | 15 | 20 | 60 | 242.3 | 140.7 |

**********

Statistics for Trav 27 FLT 7 Day 267

**********

Start Time 14:49:03 Start East 492407 Start Nrth 5452975
End Time 15:14:12 End East 537911 End Nrth 5453041

Elaps Time 00:25:09 Line Length = 45.504 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61408.99 | 0.000 | 170 | 7 | 0 | 2 | 37 | 145.0 | 82.0 |
| Max | 62172.95 | 0.251 | 1080 | 107 | 44 | 58 | 90 | 363.0 | 230.0 |
| Mn | 61742.48 | 0.021 | 476 | 38 | 15 | 20 | 59 | 226.2 | 135.8 |

**********

Statistics for Trav 28 FLT 7 Day 267

**********

Start Time 15:15:51 Start East 492111 Start Nrth 5452749
End Time 15:39:15 End East 538740 End Nrth 5452822

Elaps Time 00:23:24 Line Length = 46.629 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61033.46 | 0.000 | 165 | 6 | 2 | 2 | 36 | 134.0 | 89.0 |
| Max | 62070.79 | 0.283 | 958 | 102 | 40 | 60 | 90 | 338.0 | 214.0 |
| Mn | 61743.59 | 0.022 | 456 | 36 | 14 | 18 | 60 | 241.5 | 139.4 |

**********

Statistics for Trav 29 FLT 7 Day 267

**********

Start Time 15:40:30 Start East 492862 Start Nrth 5452571
End Time 16:05:39 End East 538352 End Nrth 5452628

Elaps Time 00:25:09 Line Length = 45.490 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61531.13 | 0.000 | 164 | 8 | 1 | 2 | 37 | 132.0 | 72.0 |
| Max | 62081.73 | 0.197 | 1105 | 94 | 42 | 69 | 87 | 334.0 | 202.0 |
| Mn | 61742.28 | 0.020 | 466 | 37 | 14 | 19 | 60 | 233.1 | 140.3 |

**********

Statistics for Trav 30 FLT 7 Day 267

**********

Start Time 16:06:52 Start East 492688 Start Nrth 5452386
End Time 16:29:51 End East 538729 End Nrth 5452441

Elaps Time 00:22:59 Line Length = 46.041 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61530.27 | 0.000 | 148 | 8 | 2 | 1 | 34 | 145.0 | 90.0 |
| Max | 62120.70 | 0.298 | 1096 | 113 | 41 | 60 | 88 | 352.0 | 213.0 |
| Mn | 61744.12 | 0.021 | 469 | 39 | 14 | 18 | 60 | 241.9 | 143.9 |

**********

Statistics for Trav 31 FLT 8 Day 268

**********

Start Time 09:36:57 Start East 490728 Start Nrth 5452173
End Time 10:00:41 End East 537883 End Nrth 5452217

Elaps Time 00:23:44 Line Length = 47.155 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61343.68 | 0.000 | 161 | 4 | 1 | 2 | 35 | 131.0 | 86.0 |
| Max | 62455.81 | 0.358 | 1059 | 125 | 45 | 60 | 86 | 367.0 | 238.0 |
| Mn | 61738.11 | 0.020 | 472 | 40 | 15 | 18 | 59 | 242.5 | 147.9 |

**********

Statistics for Trav 32 FLT 8 Day 268

**********

Start Time 10:02:04 Start East 492036 Start Nrth 5451973
End Time 10:25:43 End East 537325 End Nrth 5452023

Elaps Time 00:23:39 Line Length = 45.289 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61492.03 | 0.000 | 165 | 5 | 1 | 0 | 32 | 132.0 | 82.0 |
| Max | 62179.23 | 0.532 | 1136 | 136 | 41 | 55 | 89 | 353.0 | 245.0 |
| Mn | 61736.02 | 0.022 | 461 | 38 | 14 | 17 | 59 | 234.0 | 147.2 |

**********

Statistics for Trav 33 FLT 8 Day 268

**********

Start Time 10:30:03 Start East 493773 Start Nrth 5451779
End Time 10:51:47 End East 537835 End Nrth 5451835

Elaps Time 00:21:44 Line Length = 44.062 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61404.43 | 0.000 | 146 | 6 | 0 | 0 | 38 | 156.0 | 92.0 |
| Max | 62029.04 | 0.153 | 1006 | 133 | 47 | 55 | 88 | 353.0 | 246.0 |
| Mn | 61731.08 | 0.020 | 444 | 36 | 14 | 17 | 60 | 255.4 | 154.9 |

**********

Statistics for Trav 34 FLT 8 Day 268

**********

Start Time 10:52:41 Start East 493120 Start Nrth 5451580
End Time 11:15:05 End East 537287 End Nrth 5451629

Elaps Time 00:22:24 Line Length = 44.167 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61399.64 | 0.000 | 141 | 8 | 0 | 1 | 36 | 152.0 | 78.0 |
| Max | 62222.32 | 0.396 | 1016 | 103 | 36 | 58 | 95 | 370.0 | 239.0 |
| Mn | 61732.24 | 0.021 | 442 | 35 | 14 | 17 | 60 | 237.3 | 153.1 |

**********

Statistics for Trav 35 FLT 10 Day 271

**********

Start Time 13:21:18 Start East 493710 Start Nrth 5451375
End Time 13:45:42 End East 537387 End Nrth 5451407

Elaps Time 00:24:24 Line Length = 43.677 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61537.56 | 0.000 | 177 | 9 | 4 | 2 | 36 | 173.0 | 91.0 |
| Max | 62092.15 | 0.416 | 1076 | 128 | 42 | 58 | 90 | 397.0 | 254.0 |
| Mn | 61744.49 | 0.022 | 469 | 36 | 16 | 17 | 60 | 257.1 | 159.8 |

**********

Statistics for Trav 36 FLT 10 Day 271

**********

Start Time 13:47:25 Start East 493660 Start Nrth 5451166
End Time 14:13:29 End East 537688 End Nrth 5451214

Elaps Time 00:26:04 Line Length = 44.028 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61454.55 | 0.000 | 208 | 9 | 2 | 1 | 38 | 175.0 | 94.0 |
| Max | 62047.28 | 0.470 | 1153 | 136 | 41 | 54 | 88 | 367.0 | 268.0 |
| Mn | 61740.98 | 0.024 | 478 | 37 | 16 | 18 | 61 | 258.2 | 162.1 |

**********

Statistics for Trav 37 FLT 10 Day 271

**********

Start Time 14:15:25 Start East 494112 Start Nrth 5450977
End Time 14:39:28 End East 537666 End Nrth 5451010

Elaps Time 00:24:03 Line Length = 43.554 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61331.52 | 0.000 | 216 | 10 | 0 | 2 | 37 | 173.0 | 92.0 |
| Max | 62349.91 | 0.382 | 1062 | 126 | 47 | 56 | 88 | 432.0 | 266.0 |
| Mn | 61739.78 | 0.022 | 489 | 38 | 17 | 18 | 61 | 257.1 | 165.1 |

**********

Statistics for Trav 38 FLT 10 Day 271

**********

Start Time 14:40:54 Start East 493916 Start Nrth 5450783
End Time 15:06:13 End East 537590 End Nrth 5450855

Elaps Time 00:25:19 Line Length = 43.674 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61402.40 | 0.000 | 225 | 10 | 5 | 2 | 37 | 168.0 | 97.0 |
| Max | 62288.08 | 0.304 | 1053 | 117 | 41 | 56 | 92 | 373.0 | 265.0 |
| Mn | 61732.67 | 0.023 | 492 | 38 | 17 | 17 | 61 | 256.6 | 167.1 |

**********

Statistics for Trav 39 FLT 10 Day 271

**********

Start Time 15:08:09 Start East 494568 Start Nrth 5450578
End Time 15:31:28 End East 537729 End Nrth 5450609

Elaps Time 00:23:19 Line Length = 43.161 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61456.28 | 0.000 | 184 | 12 | 2 | 2 | 38 | 142.0 | 99.0 |
| Max | 62002.14 | 0.493 | 1059 | 119 | 43 | 47 | 89 | 356.0 | 280.0 |
| Mn | 61741.88 | 0.022 | 502 | 39 | 18 | 18 | 61 | 254.7 | 166.3 |

**********

Statistics for Trav 40 FLT 10 Day 271

**********

Start Time 15:33:00 Start East 494364 Start Nrth 5450380
End Time 15:57:24 End East 537524 End Nrth 5450432

Elaps Time 00:24:24 Line Length = 43.160 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61442.32 | 0.000 | 127 | 8 | 1 | 2 | 38 | 163.0 | 106.0 |
| Max | 61970.17 | 0.340 | 1122 | 126 | 58 | 56 | 98 | 382.0 | 278.0 |
| Mn | 61738.30 | 0.022 | 525 | 42 | 18 | 19 | 61 | 250.5 | 170.1 |

**********

Statistics for Trav 41 FLT 11 Day 272

**********

Start Time 09:30:18 Start East 495029 Start Nrth 5450181
End Time 09:53:12 End East 539648 End Nrth 5450216

Elaps Time 00:22:54 Line Length = 44.619 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61463.41 | 0.000 | 177 | 10 | 6 | 0 | 37 | 154.0 | 102.0 |
| Max | 62159.73 | 0.440 | 1165 | 124 | 49 | 57 | 87 | 376.0 | 279.0 |
| Mn | 61724.73 | 0.023 | 544 | 42 | 20 | 18 | 61 | 253.6 | 172.0 |

**********

Statistics for Trav 42 FLT 11 Day 272

**********

Start Time 09:58:45 Start East 494648 Start Nrth 5449966
End Time 10:22:39 End East 538309 End Nrth 5450016

Elaps Time 00:23:54 Line Length = 43.661 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61412.67 | 0.000 | 149 | 7 | 4 | 1 | 36 | 172.0 | 105.0 |
| Max | 61971.65 | 0.357 | 1139 | 123 | 46 | 51 | 96 | 353.0 | 314.0 |
| Mn | 61724.35 | 0.024 | 561 | 44 | 21 | 19 | 61 | 252.4 | 181.0 |

**********

Statistics for Trav 42 FLT 20 Day 280

**********

Start Time 14:11:26 Start East 493692 Start Nrth 5449987
End Time 14:16:10 End East 504147 End Nrth 5450009

Elaps Time 00:04:44 Line Length = 10.455 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61448.65 | 0.000 | 67 | 5 | 0 | 0 | 40 | 151.0 | 130.0 |
| Max | 61786.07 | 0.151 | 1073 | 109 | 37 | 55 | 82 | 320.0 | 279.0 |
| Mn | 61691.13 | 0.028 | 444 | 40 | 13 | 16 | 61 | 246.6 | 184.5 |

**********

Statistics for Trav 43 FLT 11 Day 272

**********

Start Time 10:24:27 Start East 494603 Start Nrth 5449717
End Time 10:47:21 End East 539590 End Nrth 5449812

Elaps Time 00:22:54 Line Length = 44.987 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61535.95 | 0.000 | 150 | 4 | 3 | 1 | 35 | 160.0 | 116.0 |
| Max | 61922.62 | 0.428 | 1134 | 139 | 61 | 56 | 90 | 349.0 | 339.0 |
| Mn | 61727.64 | 0.024 | 555 | 43 | 21 | 18 | 61 | 259.5 | 180.5 |

**********

Statistics for Trav 44 FLT 11 Day 272

**********

Start Time 10:49:47 Start East 493745 Start Nrth 5449586
End Time 11:13:10 End East 537322 End Nrth 5449614

Elaps Time 00:23:23 Line Length = 43.577 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61382.82 | 0.000 | 157 | 7 | 5 | 1 | 39 | 155.0 | 104.0 |
| Max | 61976.42 | 0.178 | 1166 | 119 | 56 | 73 | 88 | 418.0 | 304.0 |
| Mn | 61719.89 | 0.024 | 569 | 44 | 21 | 19 | 61 | 256.3 | 182.6 |

**********

Statistics for Trav 45 FLT 11 Day 272

**********

Start Time 11:15:43 Start East 495473 Start Nrth 5449383
End Time 11:37:37 End East 539333 End Nrth 5449412

Elaps Time 00:21:54 Line Length = 43.860 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61548.67 | 0.000 | 142 | 7 | 3 | 1 | 35 | 165.0 | 112.0 |
| Max | 61921.29 | 0.167 | 1136 | 124 | 49 | 63 | 90 | 391.0 | 302.0 |
| Mn | 61725.18 | 0.022 | 576 | 44 | 22 | 20 | 61 | 258.1 | 181.5 |

**********

Statistics for Trav 46 FLT 11 Day 272

**********

Start Time 11:40:12 Start East 494586 Start Nrth 5449165
End Time 12:01:56 End East 537320 End Nrth 5449231

Elaps Time 00:21:44 Line Length = 42.734 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61522.00 | 0.000 | 184 | 10 | 7 | 0 | 39 | 139.0 | 112.0 |
| Max | 61965.99 | 0.133 | 1571 | 122 | 49 | 90 | 87 | 355.0 | 296.0 |
| Mn | 61723.38 | 0.023 | 591 | 44 | 22 | 20 | 61 | 261.2 | 186.3 |

**********

Statistics for Trav 47 FLT 12 Day 272

**********

Start Time 14:27:07 Start East 496025 Start Nrth 5448973
End Time 14:47:30 End East 539894 End Nrth 5449007

Elaps Time 00:20:23 Line Length = 43.869 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61506.23 | 0.000 | 194 | 11 | 3 | 2 | 33 | 172.0 | 127.0 |
| Max | 61968.34 | 0.712 | 1038 | 101 | 43 | 61 | 84 | 399.0 | 288.0 |
| Mn | 61735.08 | 0.023 | 545 | 41 | 19 | 20 | 61 | 263.2 | 187.6 |

**********

Statistics for Trav 48 FLT 12 Day 272

**********

Start Time 14:49:49 Start East 494040 Start Nrth 5448724
End Time 15:11:03 End East 537316 End Nrth 5448811

Elaps Time 00:21:14 Line Length = 43.276 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61592.39 | 0.000 | 226 | 11 | 6 | 0 | 35 | 150.0 | 117.0 |
| Max | 61937.54 | 0.184 | 1089 | 115 | 50 | 59 | 89 | 396.0 | 287.0 |
| Mn | 61731.83 | 0.024 | 570 | 44 | 20 | 20 | 61 | 261.9 | 188.5 |

**********

Statistics for Trav 49 FLT 12 Day 272

**********

Start Time 15:13:11 Start East 494454 Start Nrth 5448580
End Time 15:33:00 End East 539461 End Nrth 5448633

Elaps Time 00:19:49 Line Length = 45.007 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61589.73 | 0.000 | 265 | 10 | 5 | 2 | 36 | 154.0 | 113.0 |
| Max | 61892.86 | 0.126 | 1218 | 136 | 50 | 60 | 90 | 409.0 | 281.0 |
| Mn | 61735.72 | 0.021 | 563 | 44 | 20 | 20 | 62 | 261.3 | 183.7 |

**********

Statistics for Trav 50 FLT 12 Day 272

**********

Start Time 15:34:28 Start East 493823 Start Nrth 5448376
End Time 15:55:52 End East 537199 End Nrth 5448421

Elaps Time 00:21:24 Line Length = 43.376 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61548.30 | 0.000 | 251 | 9 | 5 | 2 | 38 | 167.0 | 107.0 |
| Max | 61935.81 | 0.284 | 1227 | 119 | 55 | 69 | 91 | 389.0 | 288.0 |
| Mn | 61734.66 | 0.023 | 564 | 45 | 20 | 19 | 61 | 256.4 | 189.7 |

**********

Statistics for Trav 51 FLT 12 Day 272

**********

Start Time 15:58:20 Start East 496711 Start Nrth 5448186
End Time 16:18:34 End East 538538 End Nrth 5448208

Elaps Time 00:20:14 Line Length = 41.827 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61571.15 | 0.000 | 277 | 11 | 6 | 3 | 37 | 151.0 | 112.0 |
| Max | 61988.44 | 0.557 | 1179 | 136 | 46 | 53 | 90 | 394.0 | 293.0 |
| Mn | 61746.23 | 0.022 | 561 | 44 | 21 | 18 | 62 | 256.9 | 190.7 |

**********

Statistics for Trav 52 FLT 12 Day 272

**********

Start Time 16:21:06 Start East 494739 Start Nrth 5447970
End Time 16:43:35 End East 537283 End Nrth 5448014

Elaps Time 00:22:29 Line Length = 42.544 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61607.61 | 0.000 | 314 | 15 | 5 | 3 | 35 | 150.0 | 109.0 |
| Max | 61964.06 | 0.305 | 943 | 117 | 47 | 50 | 87 | 414.0 | 336.6 |
| Mn | 61742.46 | 0.019 | 581 | 46 | 22 | 19 | 62 | 256.9 | 197.3 |

**********

Statistics for Trav 53 FLT 13 Day 273

**********

Start Time 09:22:11 Start East 497170 Start Nrth 5447768
End Time 09:43:40 End East 539793 End Nrth 5447827

Elaps Time 00:21:29 Line Length = 42.623 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61654.58 | 0.000 | 242 | 11 | 4 | 2 | 37 | 157.0 | 117.0 |
| Max | 62028.48 | 0.226 | 990 | 102 | 41 | 55 | 88 | 376.0 | 316.0 |
| Mn | 61737.79 | 0.020 | 501 | 40 | 18 | 17 | 61 | 255.6 | 204.5 |

**********

Statistics for Trav 54 FLT 13 Day 273

**********

Start Time 09:46:05 Start East 496403 Start Nrth 5447572
End Time 10:07:44 End East 537298 End Nrth 5447644

Elaps Time 00:21:39 Line Length = 40.895 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61312.40 | 0.000 | 248 | 12 | 4 | 1 | 37 | 146.0 | 116.0 |
| Max | 61944.63 | 0.118 | 1165 | 100 | 54 | 57 | 90 | 393.0 | 333.0 |
| Mn | 61729.80 | 0.022 | 528 | 42 | 19 | 18 | 61 | 257.3 | 207.2 |

**********

Statistics for Trav 55 FLT 13 Day 273

**********

Start Time 10:47:07 Start East 497319 Start Nrth 5447384
End Time 11:07:50 End East 538753 End Nrth 5447412

Elaps Time 00:20:43 Line Length = 41.434 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61446.04 | 0.000 | 251 | 6 | 6 | 2 | 35 | 165.0 | 116.0 |
| Max | 62006.17 | 0.128 | 1161 | 102 | 47 | 51 | 92 | 395.0 | 347.0 |
| Mn | 61738.29 | 0.021 | 548 | 43 | 20 | 19 | 62 | 256.4 | 209.2 |

**********

Statistics for Trav 56 FLT 13 Day 273

**********

Start Time 11:13:00 Start East 496785 Start Nrth 5447183
End Time 11:33:29 End East 537333 End Nrth 5447215

Elaps Time 00:20:29 Line Length = 40.548 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61530.01 | 0.000 | 293 | 12 | 5 | 3 | 38 | 173.0 | 116.0 |
| Max | 61997.68 | 0.199 | 1155 | 121 | 48 | 59 | 87 | 359.0 | 365.0 |
| Mn | 61740.80 | 0.023 | 551 | 45 | 20 | 18 | 62 | 252.0 | 213.6 |

**********

Statistics for Trav 57 FLT 13 Day 273

**********

Start Time 11:36:47 Start East 497713 Start Nrth 5446982
End Time 11:58:25 End East 538758 End Nrth 5447010

Elaps Time 00:21:38 Line Length = 41.045 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61513.57 | 0.000 | 266 | 9 | 5 | 3 | 37 | 156.0 | 118.0 |
| Max | 61991.99 | 0.210 | 1109 | 109 | 48 | 62 | 91 | 391.0 | 393.0 |
| Mn | 61741.35 | 0.022 | 555 | 45 | 20 | 19 | 62 | 247.6 | 211.1 |

**********

Statistics for Trav 58 FLT 13 Day 273

**********

Start Time 12:00:35 Start East 496931 Start Nrth 5446783
End Time 12:20:24 End East 537309 End Nrth 5446816

Elaps Time 00:19:49 Line Length = 40.378 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61522.67 | 0.000 | 277 | 13 | 3 | 2 | 40 | 156.0 | 123.0 |
| Max | 61965.58 | 0.355 | 1124 | 107 | 63 | 59 | 90 | 418.0 | 384.0 |
| Mn | 61734.66 | 0.024 | 548 | 45 | 20 | 18 | 62 | 252.8 | 215.7 |

**********

Statistics for Trav 59 FLT 14 Day 273

**********

Start Time 14:03:35 Start East 498126 Start Nrth 5446583
End Time 14:23:13 End East 538443 End Nrth 5446635

Elaps Time 00:19:38 Line Length = 40.317 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61614.27 | 0.000 | 279 | 8 | 4 | 2 | 38 | 148.0 | 120.0 |
| Max | 61992.37 | 1.158 | 1256 | 128 | 53 | 66 | 87 | 354.0 | 395.0 |
| Mn | 61762.33 | 0.027 | 559 | 46 | 19 | 19 | 62 | 246.5 | 210.4 |

**********

Statistics for Trav 60 FLT 14 Day 273

**********

Start Time 17:00:28 Start East 497532 Start Nrth 5446380
End Time 17:21:46 End East 537280 End Nrth 5446411

Elaps Time 00:21:18 Line Length = 39.748 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61594.90 | 0.000 | 294 | 13 | 7 | 3 | 39 | 159.0 | 122.0 |
| Max | 62001.26 | 0.264 | 1322 | 112 | 65 | 70 | 101 | 371.0 | 404.0 |
| Mn | 61765.51 | 0.023 | 591 | 49 | 20 | 20 | 62 | 245.5 | 209.5 |

**********

Statistics for Trav 61 FLT 15 Day 275

**********

Start Time 13:58:00 Start East 498200 Start Nrth 5446188
End Time 14:18:04 End East 538828 End Nrth 5446209

Elaps Time 00:20:04 Line Length = 40.628 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61600.73 | 0.000 | 176 | 11 | 2 | 3 | 40 | 137.0 | 122.0 |
| Max | 62165.58 | 0.201 | 1370 | 112 | 67 | 67 | 93 | 325.0 | 414.0 |
| Mn | 61768.00 | 0.024 | 486 | 41 | 15 | 19 | 60 | 244.9 | 207.7 |

**********

Statistics for Trav 62 FLT 15 Day 275

**********

Start Time 16:44:38 Start East 497738 Start Nrth 5445959
End Time 17:03:16 End East 537375 End Nrth 5446019

Elaps Time 00:18:38 Line Length = 39.637 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61575.98 | 0.000 | 190 | 8 | 2 | 3 | 40 | 154.0 | 128.0 |
| Max | 62205.23 | 0.174 | 1262 | 128 | 56 | 60 | 88 | 364.0 | 400.0 |
| Mn | 61765.84 | 0.023 | 474 | 41 | 14 | 17 | 61 | 250.8 | 211.8 |

**********

Statistics for Trav 63 FLT 16 Day 276

**********

Start Time 09:23:44 Start East 498458 Start Nrth 5445785
End Time 09:40:58 End East 538734 End Nrth 5445810

Elaps Time 00:17:14 Line Length = 40.276 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61594.11 | 0.000 | 202 | 9 | 2 | 2 | 38 | 154.0 | 121.0 |
| Max | 62145.43 | 0.189 | 1080 | 128 | 47 | 58 | 90 | 358.0 | 408.0 |
| Mn | 61756.22 | 0.024 | 478 | 40 | 15 | 18 | 63 | 250.8 | 208.2 |

**********

Statistics for Trav 64 FLT 16 Day 276

**********

Start Time 12:21:36 Start East 498373 Start Nrth 5445566
End Time 12:42:59 End East 537358 End Nrth 5445615

Elaps Time 00:21:23 Line Length = 38.985 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61607.78 | 0.000 | 260 | 11 | 3 | 1 | 37 | 169.0 | 124.0 |
| Max | 62163.83 | 0.211 | 1092 | 134 | 43 | 53 | 94 | 368.0 | 399.0 |
| Mn | 61754.20 | 0.027 | 512 | 43 | 17 | 18 | 63 | 259.2 | 217.6 |

**********

Statistics for Trav 65 FLT 17 Day 277

**********

Start Time 08:48:54 Start East 498903 Start Nrth 5445385
End Time 09:08:13 End East 538808 End Nrth 5445416

Elaps Time 00:19:19 Line Length = 39.905 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61642.83 | 0.000 | 210 | 8 | 2 | 2 | 34 | 154.0 | 114.0 |
| Max | 62156.78 | 0.188 | 1068 | 124 | 43 | 57 | 97 | 382.0 | 370.0 |
| Mn | 61759.72 | 0.021 | 497 | 43 | 15 | 19 | 63 | 250.1 | 209.4 |

**********

Statistics for Trav 66 FLT 17 Day 277

**********

Start Time 09:10:00 Start East 498309 Start Nrth 5445184
End Time 09:29:19 End East 537447 End Nrth 5445208

Elaps Time 00:19:19 Line Length = 39.138 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61579.75 | 0.000 | 174 | 8 | 1 | 2 | 39 | 148.0 | 128.0 |
| Max | 62098.30 | 0.161 | 1084 | 118 | 42 | 58 | 96 | 339.0 | 377.0 |
| Mn | 61754.72 | 0.024 | 516 | 45 | 16 | 19 | 64 | 248.7 | 212.8 |

**********
Statistics for Trav 67 FLT 17 Day 277
**********

Start Time 09:32:04 Start East 499279 Start Nrth 5444977
End Time 09:51:48 End East 538570 End Nrth 5445009

Elaps Time 00:19:44 Line Length = 39.291 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61495.58 | 0.000 | 170 | 6 | 2 | 1 | 42 | 167.0 | 128.0 |
| Max | 62076.13 | 0.141 | 1072 | 124 | 42 | 63 | 93 | 375.0 | 361.0 |
| Mn | 61750.87 | 0.021 | 521 | 45 | 15 | 20 | 64 | 255.0 | 212.5 |

**********
Statistics for Trav 68 FLT 17 Day 277
**********

Start Time 09:53:41 Start East 498327 Start Nrth 5444790
End Time 10:12:20 End East 537313 End Nrth 5444814

Elaps Time 00:18:39 Line Length = 38.986 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61437.07 | 0.000 | 198 | 9 | 3 | 1 | 41 | 174.0 | 122.0 |
| Max | 62087.12 | 0.174 | 1196 | 135 | 46 | 61 | 97 | 365.0 | 340.0 |
| Mn | 61746.29 | 0.023 | 524 | 45 | 16 | 20 | 64 | 252.7 | 211.9 |

**********
Statistics for Trav 69 FLT 17 Day 277
**********

Start Time 10:14:51 Start East 499689 Start Nrth 5444578
End Time 10:34:15 End East 538703 End Nrth 5444613

Elaps Time 00:19:24 Line Length = 39.014 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61601.87 | 0.000 | 171 | 3 | 3 | 1 | 36 | 156.0 | 120.0 |
| Max | 62048.11 | 0.133 | 1161 | 129 | 42 | 65 | 100 | 337.0 | 343.0 |
| Mn | 61758.06 | 0.021 | 551 | 47 | 17 | 21 | 64 | 251.1 | 207.6 |

**********

Statistics for Trav 70 FLT 17 Day 277

**********

Start Time 11:50:57 Start East 499162 Start Nrth 5444385
End Time 12:08:30 End East 537424 End Nrth 5444410

Elaps Time 00:17:33 Line Length = 38.262 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61670.05 | 0.000 | 217 | 12 | 3 | 3 | 42 | 175.0 | 121.0 |
| Max | 62006.39 | 0.165 | 1306 | 130 | 44 | 81 | 95 | 366.0 | 364.0 |
| Mn | 61754.74 | 0.024 | 570 | 49 | 17 | 22 | 64 | 250.8 | 209.9 |

**********

Statistics for Trav 71 FLT 19 Day 280

**********

Start Time 10:31:19 Start East 499663 Start Nrth 5444185
End Time 10:51:18 End East 538916 End Nrth 5444211

Elaps Time 00:19:59 Line Length = 39.253 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61649.23 | 0.000 | 194 | 11 | 2 | 3 | 36 | 158.0 | 114.0 |
| Max | 62128.20 | 0.132 | 1336 | 130 | 46 | 66 | 90 | 339.0 | 357.0 |
| Mn | 61761.88 | 0.023 | 593 | 51 | 18 | 23 | 62 | 240.3 | 208.1 |

**********

Statistics for Trav 72 FLT 19 Day 280

**********

Start Time 10:54:56 Start East 498986 Start Nrth 5443977
End Time 11:13:24 End East 537381 End Nrth 5444013

Elaps Time 00:18:28 Line Length = 38.395 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61678.46 | 0.000 | 262 | 14 | 3 | 4 | 41 | 161.0 | 129.0 |
| Max | 62052.18 | 0.268 | 1272 | 126 | 43 | 64 | 86 | 426.0 | 354.0 |
| Mn | 61754.39 | 0.026 | 595 | 53 | 17 | 22 | 62 | 254.9 | 212.8 |

**********

Statistics for Trav 73 FLT 19 Day 280

**********

Start Time 11:15:43 Start East 500450 Start Nrth 5443779
End Time 11:35:52 End East 538145 End Nrth 5443831

Elaps Time 00:20:09 Line Length = 37.695 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61673.30 | 0.000 | 253 | 12 | 2 | 3 | 37 | 145.0 | 122.0 |
| Max | 62005.76 | 0.166 | 1241 | 150 | 47 | 66 | 88 | 397.0 | 363.0 |
| Mn | 61760.15 | 0.024 | 623 | 54 | 18 | 24 | 62 | 246.2 | 209.3 |

**********

Statistics for Trav 74 FLT 19 Day 280

**********

Start Time 11:38:24 Start East 499621 Start Nrth 5443533
End Time 11:56:48 End East 537274 End Nrth 5443616

Elaps Time 00:18:24 Line Length = 37.653 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61644.92 | 0.000 | 224 | 12 | 2 | 3 | 34 | 151.0 | 129.0 |
| Max | 62065.30 | 0.163 | 1182 | 128 | 46 | 65 | 94 | 377.0 | 342.0 |
| Mn | 61753.98 | 0.027 | 605 | 53 | 18 | 23 | 62 | 249.5 | 211.0 |

**********

Statistics for Trav 75 FLT 20 Day 280

**********

Start Time 13:33:01 Start East 537270 Start Nrth 5443364
End Time 13:33:54 End East 538615 End Nrth 5443478

Elaps Time 00:00:53 Line Length = 1.350 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61754.10 | 0.000 | 424 | 27 | 9 | 7 | 43 | 195.0 | 133.0 |
| Max | 61769.46 | 0.076 | 814 | 83 | 35 | 31 | 77 | 380.0 | 232.0 |
| Mn | 61760.48 | 0.021 | 561 | 44 | 19 | 17 | 59 | 246.8 | 171.7 |

**********

Statistics for Trav 75 FLT 20 Day 280

**********

Start Time 13:45:28 Start East 500422 Start Nrth 5443386
End Time 14:05:32 End East 539141 End Nrth 5443412

Elaps Time 00:20:04 Line Length = 38.719 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61420.98 | 0.000 | 183 | 12 | 1 | 3 | 40 | 140.0 | 114.0 |
| Max | 62039.23 | 0.419 | 1204 | 136 | 52 | 69 | 92 | 354.0 | 364.0 |
| Mn | 61757.56 | 0.026 | 612 | 53 | 18 | 24 | 62 | 238.6 | 206.7 |

**********

Statistics for Trav 76 FLT 22 Day 281

**********

Start Time 12:26:41 Start East 500765 Start Nrth 5443184
End Time 12:47:19 End East 539237 End Nrth 5443214

Elaps Time 00:20:38 Line Length = 38.472 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61480.31 | 0.000 | 278 | 14 | 6 | 3 | 36 | 143.6 | 111.0 |
| Max | 62110.99 | 0.280 | 1296 | 147 | 61 | 66 | 90 | 377.0 | 359.0 |
| Mn | 61751.75 | 0.032 | 673 | 57 | 22 | 24 | 65 | 237.6 | 211.3 |

**********

Statistics for Trav 77 FLT 22 Day 281

**********

Start Time 12:48:48 Start East 499913 Start Nrth 5442968
End Time 13:07:47 End East 537377 End Nrth 5443023

Elaps Time 00:18:59 Line Length = 37.464 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61370.41 | 0.000 | 304 | 13 | 4 | 2 | 44 | 134.0 | 125.0 |
| Max | 62011.91 | 0.299 | 1310 | 137 | 60 | 63 | 92 | 403.0 | 379.0 |
| Mn | 61745.29 | 0.033 | 698 | 60 | 23 | 25 | 65 | 254.1 | 215.3 |

**********

Statistics for Trav 78 FLT 22 Day 281

**********

Start Time 13:11:18 Start East 501182 Start Nrth 5442732
End Time 13:31:09 End East 535217 End Nrth 5442830

Elaps Time 00:19:51 Line Length = 34.035 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61411.77 | 0.000 | 286 | 17 | 7 | 4 | 40 | 140.0 | 123.0 |
| Max | 62174.18 | 0.254 | 1396 | 149 | 48 | 70 | 94 | 376.0 | 384.0 |
| Mn | 61753.66 | 0.029 | 764 | 66 | 24 | 28 | 65 | 229.9 | 208.1 |

**********

Statistics for Trav 78 FLT 23 Day 283

**********

Start Time 12:16:58 Start East 532782 Start Nrth 5442769
End Time 12:20:02 End East 537940 End Nrth 5442806

Elaps Time 00:03:04 Line Length = 5.158 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61753.59 | 0.000 | 412 | 22 | 8 | 8 | 47 | 155.0 | 146.0 |
| Max | 61872.01 | 0.156 | 1195 | 130 | 40 | 53 | 88 | 294.0 | 214.0 |
| Mn | 61798.86 | 0.025 | 711 | 66 | 22 | 23 | 64 | 227.4 | 191.7 |

**********

Statistics for Trav 79 FLT 22 Day 281

**********

Start Time 13:32:30 Start East 500734 Start Nrth 5442566
End Time 13:51:44 End East 537412 End Nrth 5442622

Elaps Time 00:19:14 Line Length = 36.678 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61472.49 | 0.000 | 315 | 18 | 7 | 4 | 41 | 170.0 | 128.0 |
| Max | 62038.12 | 0.285 | 1308 | 139 | 46 | 67 | 96 | 356.0 | 398.0 |
| Mn | 61747.75 | 0.031 | 743 | 65 | 24 | 26 | 66 | 239.4 | 215.2 |

**********

Statistics for Trav 80 FLT 22 Day 281

**********

Start Time 13:56:29 Start East 501552 Start Nrth 5442376
End Time 14:15:19 End East 534991 End Nrth 5442409

Elaps Time 00:18:50 Line Length = 33.439 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60755.87 | 0.000 | 317 | 17 | 7 | 7 | 42 | 143.0 | 120.0 |
| Max | 62091.12 | 0.490 | 1308 | 165 | 52 | 65 | 92 | 402.0 | 401.0 |
| Mn | 61751.16 | 0.028 | 751 | 65 | 24 | 27 | 65 | 230.4 | 219.1 |

**********

Statistics for Trav 80 FLT 23 Day 283

**********

Start Time 12:11:51 Start East 533412 Start Nrth 5442395
End Time 12:12:19 End East 534187 End Nrth 5442434

Elaps Time 00:00:28 Line Length = 0.776 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61825.86 | 0.000 | 358 | 20 | 8 | 10 | 54 | 189.0 | 201.0 |
| Max | 61849.12 | 0.111 | 538 | 59 | 25 | 29 | 82 | 319.0 | 238.0 |
| Mn | 61838.95 | 0.026 | 457 | 38 | 14 | 16 | 65 | 266.7 | 213.6 |

**********

Statistics for Trav 80 FLT 23 Day 283

**********

Start Time 12:13:33 Start East 532885 Start Nrth 5442390
End Time 12:15:52 End East 537435 End Nrth 5442405

Elaps Time 00:02:19 Line Length = 4.550 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61758.15 | 0.000 | 375 | 25 | 7 | 9 | 46 | 163.0 | 183.0 |
| Max | 61856.30 | 0.157 | 1081 | 136 | 49 | 52 | 86 | 317.0 | 265.0 |
| Mn | 61804.98 | 0.027 | 676 | 62 | 21 | 23 | 64 | 242.6 | 212.1 |

**********

Statistics for Trav 81 FLT 22 Day 281

**********

Start Time 14:16:50 Start East 500860 Start Nrth 5442184
End Time 14:35:14 End East 537581 End Nrth 5442277

Elaps Time 00:18:24 Line Length = 36.721 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61200.22 | 0.000 | 360 | 17 | 3 | 4 | 42 | 141.0 | 117.0 |
| Max | 61938.65 | 0.368 | 1254 | 145 | 56 | 68 | 94 | 371.0 | 433.0 |
| Mn | 61742.79 | 0.029 | 720 | 62 | 23 | 26 | 65 | 248.6 | 223.6 |

**********

Statistics for Trav 82 FLT 22 Day 281

**********

Start Time 14:40:10 Start East 501669 Start Nrth 5441853
End Time 14:59:03 End East 535000 End Nrth 5442010

Elaps Time 00:18:53 Line Length = 33.331 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61644.83 | 0.000 | 369 | 20 | 4 | 7 | 43 | 138.0 | 118.0 |
| Max | 62258.75 | 0.316 | 1208 | 158 | 56 | 59 | 100 | 358.0 | 436.0 |
| Mn | 61751.88 | 0.027 | 735 | 65 | 23 | 27 | 65 | 236.7 | 227.8 |

**********

Statistics for Trav 82 FLT 23 Day 283

**********

Start Time 12:07:53 Start East 533994 Start Nrth 5441985
End Time 12:10:27 End East 537996 End Nrth 5442018

Elaps Time 00:02:34 Line Length = 4.002 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61747.76 | 0.000 | 391 | 29 | 4 | 6 | 46 | 173.0 | 161.0 |
| Max | 61820.81 | 0.118 | 1283 | 141 | 47 | 52 | 84 | 390.0 | 320.0 |
| Mn | 61777.36 | 0.027 | 733 | 67 | 23 | 25 | 64 | 232.5 | 222.8 |

**********

Statistics for Trav 83 FLT 22 Day 281

**********

Start Time 15:00:25 Start East 501465 Start Nrth 5441781
End Time 15:18:34 End East 537437 End Nrth 5441844

Elaps Time 00:18:09 Line Length = 35.972 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61627.49 | 0.000 | 320 | 20 | 5 | 3 | 39 | 168.0 | 133.0 |
| Max | 61852.21 | 0.209 | 1232 | 144 | 53 | 67 | 105 | 476.0 | 448.0 |
| Mn | 61742.11 | 0.027 | 727 | 63 | 23 | 26 | 66 | 261.2 | 236.5 |

**********

Statistics for Trav 84 FLT 22 Day 281

**********

Start Time 15:50:19 Start East 502250 Start Nrth 5441557
End Time 16:08:13 End East 533477 End Nrth 5441617

Elaps Time 00:17:54 Line Length = 31.227 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61656.40 | 0.000 | 340 | 12 | 4 | 8 | 40 | 146.0 | 132.0 |
| Max | 61867.05 | 0.363 | 1287 | 168 | 44 | 58 | 95 | 400.0 | 416.0 |
| Mn | 61742.73 | 0.027 | 718 | 65 | 21 | 26 | 66 | 245.7 | 235.7 |

**********

Statistics for Trav 84 FLT 23 Day 283

**********

Start Time 12:03:20 Start East 530857 Start Nrth 5441587
End Time 12:06:34 End East 537313 End Nrth 5441612

Elaps Time 00:03:14 Line Length = 6.456 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61755.83 | 0.000 | 397 | 21 | 4 | 3 | 42 | 197.0 | 166.0 |
| Max | 61846.24 | 0.243 | 1009 | 117 | 37 | 46 | 91 | 533.0 | 386.0 |
| Mn | 61802.13 | 0.030 | 627 | 59 | 18 | 22 | 65 | 276.7 | 250.2 |

**********

Statistics for Trav 85 FLT 22 Day 281

**********

Start Time 16:09:51 Start East 501726 Start Nrth 5441377
End Time 16:27:35 End East 537357 End Nrth 5441442

Elaps Time 00:17:44 Line Length = 35.631 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61653.56 | 0.000 | 339 | 16 | 6 | 6 | 40 | 155.0 | 119.0 |
| Max | 61881.33 | 0.495 | 1241 | 159 | 44 | 57 | 91 | 483.0 | 412.0 |
| Mn | 61746.86 | 0.029 | 695 | 64 | 20 | 24 | 65 | 257.7 | 242.8 |

**********

Statistics for Trav 86 FLT 22 Day 281

**********

Start Time 16:30:41 Start East 502560 Start Nrth 5441111
End Time 16:50:57 End East 537244 End Nrth 5441227

Elaps Time 00:20:16 Line Length = 34.684 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61659.72 | 0.000 | 288 | 12 | 4 | 3 | 41 | 134.0 | 127.0 |
| Max | 62071.32 | 0.181 | 1402 | 172 | 47 | 58 | 97 | 374.0 | 404.0 |
| Mn | 61753.12 | 0.027 | 719 | 66 | 21 | 26 | 66 | 240.1 | 245.6 |

**********

Statistics for Trav 87 FLT 22 Day 281

**********

Start Time 16:52:40 Start East 502342 Start Nrth 5440783
End Time 17:10:46 End East 537243 End Nrth 5441035

Elaps Time 00:18:05 Line Length = 34.902 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61607.71 | 0.000 | 310 | 19 | 5 | 7 | 39 | 150.0 | 135.0 |
| Max | 62211.24 | 0.401 | 1475 | 157 | 55 | 64 | 94 | 398.0 | 411.0 |
| Mn | 61755.97 | 0.030 | 718 | 66 | 21 | 26 | 66 | 250.4 | 250.0 |

**********

Statistics for Trav 88 FLT 23 Day 283

**********

Start Time 10:00:12 Start East 501861 Start Nrth 5440788
End Time 10:19:41 End East 537262 End Nrth 5440820

Elaps Time 00:19:29 Line Length = 35.401 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61566.15 | 0.000 | 275 | 16 | 2 | 3 | 38 | 159.0 | 141.0 |
| Max | 62062.81 | 0.232 | 1289 | 137 | 45 | 60 | 93 | 421.0 | 509.0 |
| Mn | 61729.33 | 0.029 | 639 | 59 | 17 | 24 | 65 | 254.5 | 259.4 |

**********

Statistics for Trav 89 FLT 23 Day 283

**********

Start Time 10:34:35 Start East 503071 Start Nrth 5440587
End Time 10:53:44 End East 537852 End Nrth 5440618

Elaps Time 00:19:09 Line Length = 34.781 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61553.00 | 0.000 | 245 | 14 | 3 | 4 | 41 | 148.0 | 154.0 |
| Max | 62019.34 | 0.234 | 1216 | 149 | 41 | 57 | 101 | 400.0 | 600.0 |
| Mn | 61729.23 | 0.029 | 622 | 58 | 17 | 24 | 65 | 251.2 | 268.5 |

**********

Statistics for Trav 90 FLT 23 Day 283

**********

Start Time 10:55:35 Start East 502636 Start Nrth 5440339
End Time 11:14:09 End East 537517 End Nrth 5440464

Elaps Time 00:18:34 Line Length = 34.881 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61564.35 | 0.000 | 288 | 13 | 3 | 3 | 44 | 143.0 | 140.0 |
| Max | 61932.51 | 0.426 | 1316 | 143 | 45 | 62 | 96 | 608.0 | 696.0 |
| Mn | 61733.91 | 0.030 | 653 | 62 | 17 | 25 | 66 | 250.5 | 280.9 |

**********

Statistics for Trav 90 FLT 23 Day 283

**********

Start Time 11:56:22 Start East 533366 Start Nrth 5440307
End Time 11:58:51 End East 537680 End Nrth 5440413

Elaps Time 00:02:29 Line Length = 4.315 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61743.23 | 0.000 | 579 | 35 | 10 | 12 | 47 | 182.0 | 214.0 |
| Max | 61798.89 | 0.165 | 1289 | 115 | 42 | 66 | 87 | 602.0 | 703.0 |
| Mn | 61765.70 | 0.029 | 771 | 68 | 22 | 29 | 68 | 258.2 | 400.6 |

**********

Statistics for Trav 90 FLT 23 Day 283

**********

Start Time 12:00:27 Start East 531787 Start Nrth 5440381
End Time 12:01:51 End East 534327 End Nrth 5440407

Elaps Time 00:01:24 Line Length = 2.540 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61779.34 | 0.000 | 365 | 25 | 5 | 13 | 49 | 186.0 | 329.0 |
| Max | 61823.52 | 0.156 | 1002 | 119 | 27 | 44 | 90 | 626.0 | 695.0 |
| Mn | 61802.22 | 0.032 | 604 | 58 | 16 | 23 | 73 | 408.2 | 532.5 |

**********

Statistics for Trav 91 FLT 23 Day 283

**********

Start Time 11:15:35 Start East 503183 Start Nrth 5440185
End Time 11:35:49 End East 538029 End Nrth 5440234

Elaps Time 00:20:14 Line Length = 34.846 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61670.82 | 0.000 | 301 | 18 | 2 | 3 | 41 | 124.0 | 126.0 |
| Max | 61850.66 | 0.549 | 1313 | 151 | 48 | 61 | 100 | 470.0 | 737.0 |
| Mn | 61737.84 | 0.027 | 647 | 61 | 18 | 24 | 66 | 249.8 | 284.3 |

**********

Statistics for Trav 92 FLT 23 Day 283

**********

Start Time 11:37:18 Start East 502754 Start Nrth 5439977
End Time 11:55:07 End East 537458 End Nrth 5440016

Elaps Time 00:17:49 Line Length = 34.704 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61698.92 | 0.000 | 267 | 17 | 2 | 4 | 40 | 154.0 | 153.0 |
| Max | 61849.99 | 0.201 | 1203 | 131 | 40 | 56 | 100 | 704.0 | 741.0 |
| Mn | 61737.56 | 0.028 | 638 | 61 | 17 | 24 | 66 | 267.9 | 292.9 |

# APPENDIX 7

# DATA STATISTICS

## Flight Line Statistics

| | |
|---|---|
| Job Number: | 9304 |
| Survey Area: | Pipers River |
| Area: | 3 |
| Tie Lines: | 1 - 120 |

**********

Statistics for Trav 92 FLT 23 Day 283

**********

Start Time 11:37:18 Start East 502754 Start Nrth 5439977
End Time 11:55:07 End East 537458 End Nrth 5440016

Elaps Time 00:17:49 Line Length = 34.704 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61698.92 | 0.000 | 267 | 17 | 2 | 4 | 40 | 154.0 | 153.0 |
| Max | 61849.99 | 0.201 | 1203 | 131 | 40 | 56 | 100 | 704.0 | 741.0 |
| Mn | 61737.56 | 0.028 | 638 | 61 | 17 | 24 | 66 | 267.9 | 292.9 |

**********

Statistics for Tie 2 FLT 14 Day 273

**********

Start Time 14:30:28 Start East 489402 Start Nrth 5457277
End Time 14:31:06 End East 489409 End Nrth 5458661

Elaps Time 00:00:38 Line Length = 1.384 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61675.15 | 0.000 | 341 | 37 | 4 | 3 | 42 | 212.0 | 83.0 |
| Max | 61872.60 | 0.111 | 518 | 72 | 24 | 17 | 78 | 272.0 | 109.6 |
| Mn | 61790.25 | 0.029 | 413 | 50 | 11 | 10 | 58 | 244.8 | 99.8 |

**********

Statistics for Tie 3 FLT 14 Day 273

**********

Start Time 14:32:18 Start East 489730 Start Nrth 5456361
End Time 14:33:32 End East 489808 End Nrth 5458205

Elaps Time 00:01:14 Line Length = 1.846 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61667.05 | 0.000 | 334 | 29 | 2 | 1 | 40 | 197.0 | 94.0 |
| Max | 61808.10 | 0.079 | 496 | 84 | 21 | 16 | 79 | 291.0 | 113.0 |
| Mn | 61723.50 | 0.021 | 424 | 53 | 10 | 9 | 61 | 227.2 | 102.0 |

**********

Statistics for Tie 4 FLT 14 Day 273

**********

Start Time 14:35:02 Start East 490209 Start Nrth 5455581
End Time 14:36:36 End East 490248 End Nrth 5458355

Elaps Time 00:01:34 Line Length = 2.774 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61688.23 | 0.000 | 341 | 32 | 4 | 4 | 41 | 179.0 | 96.0 |
| Max | 61768.33 | 0.125 | 529 | 70 | 20 | 20 | 84 | 266.0 | 113.0 |
| Mn | 61715.61 | 0.022 | 425 | 51 | 11 | 9 | 58 | 220.1 | 103.1 |

**********

Statistics for Tie 5 FLT 14 Day 273

**********

Start Time 14:37:47 Start East 490592 Start Nrth 5455733
End Time 14:39:21 End East 490614 End Nrth 5458811

Elaps Time 00:01:34 Line Length = 3.078 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61613.68 | 0.000 | 116 | 9 | 2 | 0 | 42 | 205.0 | 69.0 |
| Max | 61782.51 | 0.081 | 465 | 72 | 21 | 15 | 91 | 404.0 | 115.0 |
| Mn | 61689.80 | 0.020 | 317 | 37 | 10 | 6 | 61 | 265.6 | 102.6 |

**********

Statistics for Tie 6 FLT 14 Day 273

**********

Start Time 14:41:03 Start East 490997 Start Nrth 5454854
End Time 14:42:52 End East 491025 End Nrth 5458372

Elaps Time 00:01:49 Line Length = 3.518 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61591.69 | 0.000 | 119 | 8 | 0 | 0 | 38 | 172.0 | 53.0 |
| Max | 61791.26 | 0.264 | 815 | 94 | 28 | 37 | 81 | 361.0 | 111.6 |
| Mn | 61697.52 | 0.023 | 416 | 45 | 13 | 11 | 59 | 223.8 | 100.5 |

**********

Statistics for Tie 7 FLT 14 Day 273

**********

Start Time 14:44:24 Start East 491399 Start Nrth 5454737
End Time 14:46:13 End East 491412 End Nrth 5458697

Elaps Time 00:01:49 Line Length = 3.960 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61563.99 | 0.000 | 118 | 9 | 1 | 0 | 39 | 200.0 | 61.2 |
| Max | 61836.98 | 0.191 | 815 | 97 | 29 | 34 | 85 | 306.0 | 120.0 |
| Mn | 61699.86 | 0.023 | 412 | 45 | 12 | 11 | 59 | 244.6 | 101.1 |

**********

Statistics for Tie 8 FLT 14 Day 273

**********

Start Time 14:49:34 Start East 491800 Start Nrth 5453596
End Time 14:52:13 End East 491818 End Nrth 5458373

Elaps Time 00:02:39 Line Length = 4.777 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61626.28 | 0.000 | 121 | 11 | 2 | 1 | 38 | 168.0 | 57.0 |
| Max | 61806.40 | 0.098 | 849 | 101 | 33 | 32 | 81 | 307.0 | 133.0 |
| Mn | 61715.13 | 0.021 | 509 | 54 | 15 | 13 | 60 | 233.6 | 110.1 |

**********

Statistics for Tie 9 FLT 14 Day 273

**********

Start Time 14:53:34 Start East 492200 Start Nrth 5453814
End Time 14:55:58 End East 492208 End Nrth 5458689

Elaps Time 00:02:24 Line Length = 4.875 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61658.28 | 0.000 | 122 | 4 | 3 | 0 | 41 | 175.0 | 61.2 |
| Max | 61784.98 | 0.086 | 861 | 110 | 34 | 35 | 81 | 286.0 | 143.0 |
| Mn | 61715.53 | 0.019 | 470 | 50 | 13 | 12 | 60 | 241.6 | 105.0 |

**********

Statistics for Tie 10 FLT 14 Day 273

**********

Start Time 14:57:16 Start East 492603 Start Nrth 5452967
End Time 15:00:00 End East 492614 End Nrth 5458377

Elaps Time 00:02:44 Line Length = 5.410 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61659.15 | 0.000 | 144 | 9 | 4 | 1 | 41 | 158.0 | 61.0 |
| Max | 61802.18 | 0.113 | 949 | 119 | 34 | 35 | 84 | 276.0 | 153.0 |
| Mn | 61713.44 | 0.022 | 542 | 55 | 15 | 15 | 60 | 229.8 | 110.0 |

**********

Statistics for Tie 11 FLT 14 Day 273

**********

Start Time 15:01:38 Start East 492990 Start Nrth 5452956
End Time 15:04:32 End East 493012 End Nrth 5458802

Elaps Time 00:02:54 Line Length = 5.846 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61657.35 | 0.000 | 111 | 4 | 2 | 1 | 37 | 203.0 | 61.0 |
| Max | 61854.19 | 0.098 | 732 | 90 | 29 | 30 | 80 | 290.0 | 151.0 |
| Mn | 61718.43 | 0.021 | 375 | 34 | 13 | 11 | 60 | 247.0 | 106.2 |

**********

Statistics for Tie 12 FLT 14 Day 273

**********

Start Time 15:06:22 Start East 493398 Start Nrth 5451621
End Time 15:09:46 End East 493414 End Nrth 5458349

Elaps Time 00:03:24 Line Length = 6.728 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61658.90 | 0.000 | 127 | 8 | 3 | 1 | 45 | 183.0 | 61.0 |
| Max | 61835.83 | 0.140 | 780 | 99 | 29 | 31 | 87 | 282.0 | 150.0 |
| Mn | 61724.10 | 0.024 | 458 | 43 | 15 | 14 | 60 | 238.1 | 118.5 |

**********

Statistics for Tie 13 FLT 14 Day 273

**********

Start Time 15:11:20 Start East 493794 Start Nrth 5451984
End Time 15:14:44 End East 493810 End Nrth 5459015

Elaps Time 00:03:24 Line Length = 7.031 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61683.21 | 0.000 | 124 | 8 | 1 | 0 | 41 | 214.0 | 64.0 |
| Max | 61865.55 | 0.137 | 906 | 122 | 31 | 28 | 83 | 273.0 | 163.0 |
| Mn | 61727.64 | 0.021 | 385 | 35 | 14 | 11 | 59 | 244.4 | 114.5 |

**********

Statistics for Tie 14 FLT 14 Day 273

**********

Start Time 15:16:39 Start East 494199 Start Nrth 5450937
End Time 15:20:23 End East 494216 End Nrth 5458277

Elaps Time 00:03:44 Line Length = 7.340 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61638.62 | 0.000 | 174 | 12 | 2 | 2 | 43 | 160.0 | 60.0 |
| Max | 61821.00 | 0.132 | 784 | 92 | 31 | 34 | 87 | 283.0 | 175.0 |
| Mn | 61713.39 | 0.023 | 452 | 41 | 15 | 14 | 61 | 239.1 | 131.4 |

**********

Statistics for Tie 15 FLT 14 Day 273

**********

Start Time 15:21:56 Start East 494593 Start Nrth 5451057
End Time 15:25:40 End East 494610 End Nrth 5458947

Elaps Time 00:03:44 Line Length = 7.890 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61661.25 | 0.000 | 125 | 8 | 2 | 0 | 37 | 207.0 | 61.0 |
| Max | 61856.16 | 0.104 | 940 | 106 | 31 | 35 | 87 | 282.0 | 195.0 |
| Mn | 61714.45 | 0.020 | 468 | 44 | 15 | 14 | 61 | 249.1 | 132.5 |

**********

Statistics for Tie 16 FLT 14 Day 273

**********

Start Time 15:27:12 Start East 495002 Start Nrth 5450028
End Time 15:31:45 End East 495016 End Nrth 5458342

Elaps Time 00:04:33 Line Length = 8.314 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61705.66 | 0.000 | 149 | 6 | 5 | 0 | 41 | 179.0 | 63.0 |
| Max | 61722.37 | 0.094 | 965 | 109 | 36 | 43 | 93 | 294.0 | 183.0 |
| Mn | 61714.83 | 0.022 | 500 | 47 | 16 | 15 | 61 | 238.6 | 137.0 |

**********

Statistics for Tie 17 FLT 14 Day 273

**********

Start Time 15:33:12 Start East 495392 Start Nrth 5450011
End Time 15:37:26 End East 495411 End Nrth 5458873

Elaps Time 00:04:14 Line Length = 8.862 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61644.57 | 0.000 | 132 | 6 | 3 | 0 | 43 | 195.0 | 62.0 |
| Max | 61733.83 | 0.148 | 806 | 100 | 34 | 35 | 79 | 288.0 | 177.0 |
| Mn | 61713.38 | 0.022 | 497 | 47 | 16 | 14 | 60 | 246.6 | 131.9 |

**********

Statistics for Tie 18 FLT 14 Day 273

**********

Start Time 15:39:17 Start East 495593 Start Nrth 5448906
End Time 15:44:36 End East 495822 End Nrth 5457908

Elaps Time 00:05:19 Line Length = 9.005 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61575.60 | 0.000 | 130 | 8 | 2 | 0 | 37 | 190.0 | 83.0 |
| Max | 61782.46 | 0.530 | 1083 | 119 | 37 | 40 | 84 | 278.0 | 165.0 |
| Mn | 61713.03 | 0.023 | 488 | 47 | 16 | 14 | 60 | 237.6 | 130.5 |

**********

Statistics for Tie 19 FLT 14 Day 273

**********

Start Time 15:53:27 Start East 496186 Start Nrth 5448415
End Time 15:59:11 End East 496289 End Nrth 5458263

Elaps Time 00:05:44 Line Length = 9.849 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61626.43 | 0.000 | 267 | 15 | 3 | 4 | 41 | 189.0 | 60.0 |
| Max | 61775.36 | 0.183 | 964 | 104 | 39 | 39 | 91 | 292.0 | 164.8 |
| Mn | 61711.12 | 0.022 | 529 | 48 | 17 | 16 | 60 | 237.1 | 125.0 |

**********

Statistics for Tie 20 FLT 14 Day 273

**********

Start Time 15:47:02 Start East 496594 Start Nrth 5448395
End Time 15:52:06 End East 496608 End Nrth 5459165

Elaps Time 00:05:04 Line Length = 10.770 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61541.42 | 0.000 | 295 | 17 | 3 | 3 | 35 | 187.0 | 70.4 |
| Max | 61763.76 | 0.211 | 1147 | 122 | 39 | 48 | 81 | 298.0 | 187.0 |
| Mn | 61699.23 | 0.022 | 565 | 52 | 18 | 18 | 61 | 244.2 | 127.1 |

**********

Statistics for Tie 21 FLT 14 Day 273

**********

Start Time 16:01:30 Start East 496993 Start Nrth 5448086
End Time 16:06:59 End East 497011 End Nrth 5459338

Elaps Time 00:05:29 Line Length = 11.252 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61588.62 | 0.000 | 272 | 11 | 5 | 2 | 39 | 162.0 | 69.0 |
| Max | 61763.40 | 0.102 | 1061 | 134 | 43 | 49 | 91 | 291.0 | 212.0 |
| Mn | 61705.15 | 0.020 | 563 | 51 | 18 | 18 | 61 | 240.6 | 130.7 |

**********

Statistics for Tie 22 FLT 14 Day 273

**********

Start Time 16:08:46 Start East 497380 Start Nrth 5447257
End Time 16:14:44 End East 497420 End Nrth 5458281

Elaps Time 00:05:58 Line Length = 11.024 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61598.43 | 0.000 | 304 | 18 | 7 | 4 | 39 | 157.0 | 75.0 |
| Max | 61793.78 | 0.337 | 1115 | 121 | 41 | 49 | 85 | 289.0 | 220.0 |
| Mn | 61708.63 | 0.022 | 584 | 54 | 18 | 19 | 61 | 232.4 | 142.4 |

**********

Statistics for Tie 23 FLT 14 Day 273

**********

Start Time 16:16:15 Start East 497792 Start Nrth 5447206
End Time 16:21:44 End East 497813 End Nrth 5459042

Elaps Time 00:05:29 Line Length = 11.836 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61586.90 | 0.000 | 273 | 12 | 7 | 3 | 39 | 190.0 | 79.2 |
| Max | 61772.71 | 0.260 | 860 | 83 | 32 | 40 | 91 | 319.0 | 248.0 |
| Mn | 61708.15 | 0.023 | 491 | 44 | 16 | 15 | 61 | 246.5 | 141.9 |

**********

Statistics for Tie 24 FLT 14 Day 273

**********

Start Time 16:23:26 Start East 498194 Start Nrth 5445964
End Time 16:30:10 End East 498214 End Nrth 5459204

Elaps Time 00:06:44 Line Length = 13.240 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61573.94 | 0.000 | 267 | 13 | 5 | 3 | 41 | 161.0 | 85.0 |
| Max | 61816.74 | 0.242 | 932 | 110 | 38 | 43 | 90 | 285.0 | 229.0 |
| Mn | 61704.33 | 0.025 | 518 | 45 | 18 | 17 | 61 | 236.3 | 150.6 |

**********

Statistics for Tie 25 FLT 14 Day 273

**********

Start Time 16:31:40 Start East 498593 Start Nrth 5446102
End Time 16:38:04 End East 498665 End Nrth 5459398

Elaps Time 00:06:24 Line Length = 13.296 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61576.46 | 0.000 | 257 | 13 | 5 | 4 | 37 | 190.0 | 88.0 |
| Max | 61841.55 | 0.189 | 1283 | 108 | 51 | 66 | 87 | 317.0 | 252.0 |
| Mn | 61697.17 | 0.023 | 509 | 43 | 18 | 17 | 61 | 246.4 | 153.0 |

**********

Statistics for Tie 26 FLT 14 Day 273

**********

Start Time 16:39:50 Start East 498996 Start Nrth 5444849
End Time 16:47:44 End East 499169 End Nrth 5458549

Elaps Time 00:07:54 Line Length = 13.701 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61520.42 | 0.000 | 266 | 13 | 3 | 3 | 42 | 154.0 | 102.0 |
| Max | 61807.79 | 0.283 | 840 | 93 | 38 | 44 | 87 | 331.0 | 275.0 |
| Mn | 61693.50 | 0.023 | 493 | 40 | 17 | 17 | 61 | 232.3 | 160.2 |

**********

Statistics for Tie 27 FLT 14 Day 273

**********

Start Time 16:49:10 Start East 499388 Start Nrth 5445101
End Time 16:55:54 End East 499410 End Nrth 5459494

Elaps Time 00:06:44 Line Length = 14.393 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61513.46 | 0.000 | 270 | 15 | 4 | 0 | 42 | 175.0 | 95.0 |
| Max | 61842.76 | 0.235 | 879 | 86 | 39 | 39 | 83 | 334.0 | 299.0 |
| Mn | 61685.45 | 0.023 | 482 | 39 | 17 | 16 | 61 | 240.0 | 157.4 |

**********

Statistics for Tie 28 FLT 15 Day 275

**********

Start Time 14:24:23 Start East 499797 Start Nrth 5442539
End Time 14:32:31 End East 499817 End Nrth 5458376

Elaps Time 00:08:08 Line Length = 15.837 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61464.79 | 0.000 | 188 | 8 | 1 | 2 | 35 | 171.0 | 107.0 |
| Max | 61788.85 | 0.161 | 837 | 96 | 28 | 37 | 89 | 328.0 | 267.0 |
| Mn | 61675.34 | 0.024 | 419 | 34 | 13 | 16 | 60 | 230.4 | 164.2 |

**********

Statistics for Tie 29 FLT 15 Day 275

**********

Start Time 14:33:49 Start East 500189 Start Nrth 5444106
End Time 14:40:28 End East 500209 End Nrth 5458842

Elaps Time 00:06:39 Line Length = 14.736 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61522.33 | 0.000 | 205 | 10 | 3 | 2 | 41 | 170.0 | 109.0 |
| Max | 61795.64 | 0.140 | 712 | 79 | 28 | 38 | 84 | 322.0 | 271.0 |
| Mn | 61692.60 | 0.025 | 377 | 31 | 12 | 14 | 60 | 242.0 | 165.8 |

**********

Statistics for Tie 30 FLT 15 Day 275

**********

Start Time 14:41:45 Start East 500595 Start Nrth 5442988
End Time 14:50:14 End East 500612 End Nrth 5458321

Elaps Time 00:08:29 Line Length = 15.333 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61553.99 | 0.000 | 177 | 7 | 2 | 3 | 39 | 143.0 | 115.0 |
| Max | 61836.38 | 0.380 | 714 | 95 | 25 | 37 | 98 | 302.0 | 269.0 |
| Mn | 61695.30 | 0.026 | 397 | 34 | 12 | 15 | 60 | 231.5 | 172.2 |

**********

Statistics for Tie 31 FLT 15 Day 275

**********

Start Time 15:00:46 Start East 500990 Start Nrth 5443112
End Time 15:08:45 End East 501013 End Nrth 5458676

Elaps Time 00:07:59 Line Length = 15.564 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61545.85 | 0.000 | 187 | 8 | 1 | 2 | 39 | 181.0 | 126.0 |
| Max | 61851.51 | 0.111 | 691 | 80 | 27 | 35 | 89 | 311.0 | 241.0 |
| Mn | 61695.09 | 0.022 | 375 | 32 | 11 | 13 | 61 | 249.7 | 181.9 |

**********

Statistics for Tie 32 FLT 15 Day 275

**********

Start Time 15:13:33 Start East 501390 Start Nrth 5441807
End Time 15:22:57 End East 501408 End Nrth 5458315

Elaps Time 00:09:24 Line Length = 16.508 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61543.68 | 0.000 | 189 | 10 | 1 | 2 | 41 | 152.0 | 130.0 |
| Max | 61863.41 | 0.204 | 730 | 91 | 31 | 33 | 87 | 301.0 | 269.0 |
| Mn | 61695.85 | 0.025 | 383 | 34 | 12 | 14 | 61 | 228.8 | 188.9 |

**********

Statistics for Tie 33 FLT 15 Day 275

**********

Start Time 15:24:28 Start East 501796 Start Nrth 5442315
End Time 15:33:07 End East 501816 End Nrth 5458995

Elaps Time 00:08:39 Line Length = 16.680 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61575.90 | 0.000 | 180 | 7 | 1 | 1 | 39 | 189.0 | 145.0 |
| Max | 61748.03 | 0.154 | 800 | 108 | 27 | 37 | 84 | 347.0 | 288.0 |
| Mn | 61689.69 | 0.023 | 356 | 31 | 11 | 12 | 61 | 247.4 | 196.7 |

**********

Statistics for Tie 34 FLT 15 Day 275

**********

Start Time 15:35:02 Start East 502194 Start Nrth 5440308
End Time 15:45:11 End East 502214 End Nrth 5458386

Elaps Time 00:10:09 Line Length = 18.078 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61665.38 | 0.000 | 180 | 8 | 1 | 1 | 40 | 148.0 | 147.0 |
| Max | 61729.67 | 0.208 | 663 | 84 | 29 | 34 | 84 | 312.0 | 259.0 |
| Mn | 61696.43 | 0.024 | 375 | 31 | 12 | 14 | 60 | 235.1 | 188.0 |

**********

Statistics for Tie 35 FLT 15 Day 275

**********

Start Time 15:46:43 Start East 502590 Start Nrth 5441277
End Time 15:55:47 End East 502618 End Nrth 5459255

Elaps Time 00:09:04 Line Length = 17.978 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61660.38 | 0.000 | 204 | 10 | 0 | 2 | 38 | 164.0 | 157.0 |
| Max | 61726.59 | 0.125 | 626 | 66 | 28 | 31 | 83 | 340.0 | 259.0 |
| Mn | 61689.57 | 0.023 | 348 | 29 | 11 | 12 | 61 | 245.9 | 195.5 |

**********

Statistics for Tie 36 FLT 15 Day 275

**********

Start Time 15:57:42 Start East 502994 Start Nrth 5439399
End Time 16:07:51 End East 503015 End Nrth 5458301

Elaps Time 00:10:09 Line Length = 18.902 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61590.44 | 0.000 | 184 | 9 | 1 | 3 | 40 | 157.0 | 152.0 |
| Max | 61875.98 | 0.115 | 643 | 70 | 31 | 44 | 85 | 297.0 | 268.0 |
| Mn | 61700.79 | 0.023 | 376 | 30 | 12 | 15 | 60 | 237.1 | 182.3 |

**********

Statistics for Tie 37 FLT 15 Day 275

**********

Start Time 16:09:11 Start East 503389 Start Nrth 5440466
End Time 16:18:10 End East 503414 End Nrth 5459094

Elaps Time 00:08:59 Line Length = 18.628 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61557.81 | 0.000 | 183 | 6 | 2 | 2 | 37 | 139.0 | 145.0 |
| Max | 61873.12 | 0.162 | 574 | 61 | 25 | 31 | 83 | 350.0 | 292.0 |
| Mn | 61693.12 | 0.023 | 341 | 28 | 11 | 12 | 60 | 245.5 | 185.0 |

**********

Statistics for Tie 38 FLT 15 Day 275

**********

Start Time 16:20:01 Start East 503793 Start Nrth 5439233
End Time 16:29:55 End East 503822 End Nrth 5458399

Elaps Time 00:09:54 Line Length = 19.166 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61551.29 | 0.000 | 184 | 6 | 1 | 2 | 37 | 180.0 | 140.0 |
| Max | 61941.37 | 0.114 | 621 | 67 | 29 | 38 | 86 | 342.0 | 296.0 |
| Mn | 61697.39 | 0.022 | 357 | 29 | 11 | 14 | 60 | 240.1 | 180.8 |

**********

Statistics for Tie 39 FLT 15 Day 275

**********

Start Time 16:30:45 Start East 504170 Start Nrth 5439538
End Time 16:39:19 End East 504217 End Nrth 5458606

Elaps Time 00:08:34 Line Length = 19.068 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61561.49 | 0.000 | 183 | 4 | 1 | 0 | 43 | 172.0 | 132.0 |
| Max | 61771.16 | 0.138 | 660 | 59 | 28 | 39 | 88 | 350.0 | 301.0 |
| Mn | 61692.56 | 0.022 | 356 | 29 | 11 | 14 | 60 | 247.5 | 179.3 |

**********

Statistics for Tie 40 FLT 16 Day 276

**********

Start Time 09:48:29 Start East 504595 Start Nrth 5438403
End Time 09:58:27 End East 504612 End Nrth 5458625

Elaps Time 00:09:58 Line Length = 20.222 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61585.65 | 0.000 | 179 | 9 | 2 | 2 | 39 | 155.0 | 119.0 |
| Max | 61801.99 | 0.237 | 687 | 66 | 29 | 40 | 92 | 325.0 | 327.0 |
| Mn | 61684.05 | 0.028 | 388 | 31 | 12 | 14 | 62 | 238.8 | 176.5 |

**********

Statistics for Tie 41 FLT 16 Day 276

**********

Start Time 10:00:06 Start East 504986 Start Nrth 5439685
End Time 10:09:30 End East 505016 End Nrth 5459219

Elaps Time 00:09:24 Line Length = 19.534 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61564.42 | 0.000 | 189 | 8 | 2 | 2 | 37 | 159.0 | 118.0 |
| Max | 61851.73 | 0.275 | 694 | 60 | 29 | 36 | 81 | 360.0 | 334.0 |
| Mn | 61675.67 | 0.026 | 358 | 28 | 12 | 13 | 62 | 251.1 | 176.7 |

**********

Statistics for Tie 42 FLT 16 Day 276

**********

Start Time 10:11:43 Start East 505381 Start Nrth 5438211
End Time 10:21:52 End East 505426 End Nrth 5458470

Elaps Time 00:10:09 Line Length = 20.259 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61507.86 | 0.000 | 175 | 5 | 2 | 1 | 43 | 154.0 | 110.0 |
| Max | 61946.68 | 0.291 | 766 | 98 | 30 | 38 | 86 | 340.0 | 299.0 |
| Mn | 61684.60 | 0.030 | 397 | 33 | 13 | 15 | 62 | 239.1 | 174.3 |

**********

Statistics for Tie 43 FLT 16 Day 276

**********

Start Time 10:23:23 Start East 505791 Start Nrth 5439663
End Time 10:32:37 End East 505810 End Nrth 5458862

Elaps Time 00:09:14 Line Length = 19.199 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61542.31 | 0.000 | 177 | 8 | 1 | 2 | 35 | 156.0 | 103.2 |
| Max | 62209.71 | 0.231 | 686 | 69 | 29 | 43 | 85 | 358.0 | 301.0 |
| Mn | 61689.15 | 0.027 | 391 | 31 | 13 | 15 | 62 | 242.6 | 167.1 |

**********

Statistics for Tie 44 FLT 16 Day 276

**********

Start Time 10:34:49 Start East 506193 Start Nrth 5438150
End Time 10:45:23 End East 506214 End Nrth 5458299

Elaps Time 00:10:34 Line Length = 20.149 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61523.54 | 0.000 | 189 | 7 | 2 | 2 | 38 | 153.0 | 101.0 |
| Max | 62003.86 | 0.204 | 861 | 83 | 50 | 44 | 83 | 324.0 | 296.0 |
| Mn | 61679.74 | 0.027 | 439 | 35 | 15 | 17 | 62 | 242.4 | 167.8 |

**********

Statistics for Tie 45 FLT 16 Day 276

**********

Start Time 10:46:43 Start East 506593 Start Nrth 5439678
End Time 10:57:12 End East 506615 End Nrth 5459139

Elaps Time 00:10:29 Line Length = 19.461 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61466.16 | 0.000 | 191 | 9 | 2 | 3 | 37 | 189.0 | 97.0 |
| Max | 61757.24 | 0.238 | 789 | 70 | 35 | 41 | 85 | 362.0 | 283.0 |
| Mn | 61674.47 | 0.025 | 417 | 32 | 14 | 17 | 62 | 253.0 | 159.7 |

**********

Statistics for Tie 46 FLT 16 Day 276

**********

Start Time 10:58:46 Start East 506989 Start Nrth 5438359
End Time 11:09:40 End East 507010 End Nrth 5458285

Elaps Time 00:10:54 Line Length = 19.926 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61501.39 | 0.000 | 203 | 10 | 3 | 2 | 40 | 167.0 | 101.0 |
| Max | 61845.51 | 0.152 | 978 | 79 | 41 | 51 | 88 | 324.0 | 281.0 |
| Mn | 61686.66 | 0.025 | 469 | 36 | 15 | 19 | 62 | 242.2 | 158.4 |

**********

Statistics for Tie 47 FLT 16 Day 276

**********

Start Time 11:18:20 Start East 507391 Start Nrth 5439554
End Time 11:28:19 End East 507414 End Nrth 5458698

Elaps Time 00:09:59 Line Length = 19.144 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61409.49 | 0.000 | 184 | 11 | 3 | 2 | 37 | 185.0 | 96.0 |
| Max | 61824.21 | 0.126 | 811 | 81 | 34 | 45 | 94 | 363.0 | 288.0 |
| Mn | 61677.07 | 0.024 | 460 | 35 | 16 | 19 | 62 | 253.7 | 152.9 |

**********

Statistics for Tie 48 FLT 16 Day 276

**********

Start Time 11:29:56 Start East 507794 Start Nrth 5438378
End Time 11:40:20 End East 507815 End Nrth 5458358

Elaps Time 00:10:24 Line Length = 19.980 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61440.81 | 0.000 | 191 | 13 | 3 | 4 | 34 | 165.0 | 92.0 |
| Max | 62123.87 | 0.486 | 1076 | 92 | 51 | 59 | 91 | 327.0 | 304.0 |
| Mn | 61680.71 | 0.029 | 544 | 42 | 18 | 21 | 62 | 236.6 | 155.2 |

**********

Statistics for Tie 49 FLT 16 Day 276

**********

Start Time 11:41:27 Start East 508183 Start Nrth 5439632
End Time 11:51:31 End East 508216 End Nrth 5459130

Elaps Time 00:10:04 Line Length = 19.498 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61435.45 | 0.000 | 211 | 12 | 2 | 2 | 43 | 167.0 | 87.0 |
| Max | 61848.07 | 0.167 | 1323 | 99 | 63 | 65 | 93 | 387.0 | 287.0 |
| Mn | 61679.15 | 0.025 | 563 | 43 | 19 | 22 | 62 | 247.6 | 139.6 |

**********

Statistics for Tie 50 FLT 16 Day 276

**********

Start Time 11:53:49 Start East 508583 Start Nrth 5438353
End Time 12:03:48 End East 508614 End Nrth 5458293

Elaps Time 00:09:59 Line Length = 19.940 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61497.69 | 0.000 | 248 | 15 | 3 | 5 | 40 | 141.0 | 70.0 |
| Max | 61790.90 | 0.180 | 1068 | 92 | 47 | 55 | 99 | 358.0 | 247.0 |
| Mn | 61689.89 | 0.029 | 569 | 45 | 19 | 22 | 62 | 250.2 | 144.7 |

**********

Statistics for Tie 51 FLT 16 Day 276

**********

Start Time 12:05:10 Start East 508989 Start Nrth 5439452
End Time 12:14:34 End East 509015 End Nrth 5458638

Elaps Time 00:09:24 Line Length = 19.186 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61433.28 | 0.000 | 226 | 11 | 3 | 3 | 38 | 178.0 | 65.0 |
| Max | 61819.09 | 0.242 | 1193 | 104 | 53 | 54 | 90 | 392.0 | 231.0 |
| Mn | 61688.54 | 0.028 | 555 | 44 | 19 | 21 | 61 | 248.4 | 134.8 |

**********

Statistics for Tie 52 FLT 17 Day 277

**********

Start Time 10:43:02 Start East 509387 Start Nrth 5438966
End Time 10:52:00 End East 509419 End Nrth 5458343

Elaps Time 00:08:58 Line Length = 19.377 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61469.62 | 0.000 | 227 | 12 | 3 | 3 | 34 | 184.0 | 70.0 |
| Max | 61871.94 | 0.217 | 1182 | 113 | 49 | 60 | 88 | 345.0 | 227.0 |
| Mn | 61684.05 | 0.023 | 555 | 46 | 18 | 21 | 62 | 253.4 | 139.6 |

**********

Statistics for Tie 53 FLT 17 Day 277

**********

Start Time 11:14:05 Start East 509790 Start Nrth 5439650
End Time 11:23:53 End East 509829 End Nrth 5459409

Elaps Time 00:09:48 Line Length = 19.759 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61542.75 | 0.000 | 206 | 11 | 3 | 2 | 39 | 168.0 | 56.0 |
| Max | 61895.97 | 0.132 | 898 | 94 | 43 | 44 | 94 | 325.0 | 221.0 |
| Mn | 61697.46 | 0.022 | 502 | 41 | 16 | 19 | 63 | 244.2 | 135.4 |

**********

Statistics for Tie 54 FLT 17 Day 277

**********

Start Time 11:25:34 Start East 510184 Start Nrth 5438942
End Time 11:34:03 End East 510223 End Nrth 5458275

Elaps Time 00:08:29 Line Length = 19.333 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61516.03 | 0.000 | 302 | 15 | 5 | 8 | 39 | 159.0 | 65.0 |
| Max | 61737.10 | 0.134 | 894 | 110 | 38 | 46 | 89 | 336.0 | 231.0 |
| Mn | 61691.88 | 0.023 | 573 | 48 | 17 | 22 | 63 | 247.0 | 146.9 |

**********

Statistics for Tie 55 FLT 17 Day 277

**********

Start Time 11:34:57 Start East 510594 Start Nrth 5439585
End Time 11:44:21 End East 510613 End Nrth 5458790

Elaps Time 00:09:24 Line Length = 19.205 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61389.24 | 0.000 | 248 | 9 | 1 | 4 | 41 | 153.0 | 59.0 |
| Max | 61960.91 | 0.129 | 1197 | 133 | 35 | 63 | 85 | 348.0 | 252.0 |
| Mn | 61698.97 | 0.024 | 599 | 49 | 18 | 26 | 63 | 241.4 | 155.6 |

**********

Statistics for Tie 56 FLT 20 Day 280

**********

Start Time 14:22:30 Start East 510983 Start Nrth 5434117
End Time 14:33:18 End East 511019 End Nrth 5458971

Elaps Time 00:10:48 Line Length = 24.854 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61478.21 | 0.000 | 246 | 11 | 4 | 4 | 32 | 157.0 | 66.0 |
| Max | 62060.53 | 0.136 | 1212 | 136 | 37 | 65 | 85 | 367.0 | 274.0 |
| Mn | 61712.23 | 0.026 | 576 | 49 | 17 | 23 | 61 | 240.5 | 163.7 |

**********

Statistics for Tie 57 FLT 20 Day 280

**********

Start Time 14:37:38 Start East 511393 Start Nrth 5438477
End Time 14:47:22 End East 511415 End Nrth 5458277

Elaps Time 00:09:44 Line Length = 19.800 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61618.65 | 0.000 | 224 | 10 | 2 | 3 | 41 | 144.0 | 69.0 |
| Max | 61848.57 | 0.214 | 1195 | 143 | 42 | 66 | 85 | 338.0 | 245.0 |
| Mn | 61706.11 | 0.029 | 567 | 51 | 16 | 22 | 61 | 229.3 | 178.2 |

**********

Statistics for Tie 58 FLT 20 Day 280

**********

Start Time 14:48:36 Start East 511795 Start Nrth 5439666
End Time 14:57:10 End East 511819 End Nrth 5458817

Elaps Time 00:08:34 Line Length = 19.151 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61595.42 | 0.000 | 202 | 8 | 1 | 2 | 39 | 165.0 | 83.0 |
| Max | 61808.17 | 0.180 | 1116 | 115 | 34 | 59 | 87 | 475.0 | 285.0 |
| Mn | 61707.02 | 0.025 | 497 | 45 | 14 | 18 | 62 | 242.9 | 191.2 |

**********

Statistics for Tie 59 FLT 20 Day 280

**********

Start Time 14:58:55 Start East 512191 Start Nrth 5438694
End Time 15:09:14 End East 512211 End Nrth 5458361

Elaps Time 00:10:19 Line Length = 19.667 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61674.46 | 0.000 | 203 | 12 | 3 | 1 | 39 | 162.0 | 78.0 |
| Max | 61946.28 | 0.178 | 1122 | 124 | 35 | 57 | 87 | 361.0 | 340.0 |
| Mn | 61716.62 | 0.027 | 468 | 42 | 14 | 17 | 62 | 237.9 | 212.6 |

**********

Statistics for Tie 60 FLT 20 Day 280

**********

Start Time 15:10:40 Start East 512582 Start Nrth 5439668
End Time 15:19:14 End East 512617 End Nrth 5458752

Elaps Time 00:08:34 Line Length = 19.084 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61634.61 | 0.000 | 109 | 7 | 1 | 0 | 35 | 160.0 | 65.0 |
| Max | 61822.98 | 0.130 | 1038 | 116 | 35 | 43 | 92 | 389.0 | 369.0 |
| Mn | 61712.98 | 0.024 | 472 | 42 | 14 | 17 | 62 | 249.7 | 213.9 |

**********

Statistics for Tie 61 FLT 20 Day 280

**********

Start Time 15:20:44 Start East 512993 Start Nrth 5438555
End Time 15:30:43 End East 513011 End Nrth 5458313

Elaps Time 00:09:59 Line Length = 19.758 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61655.14 | 0.000 | 252 | 10 | 3 | 3 | 41 | 159.0 | 59.0 |
| Max | 61910.88 | 0.154 | 939 | 119 | 32 | 40 | 91 | 319.0 | 389.0 |
| Mn | 61724.93 | 0.027 | 490 | 44 | 14 | 17 | 63 | 227.8 | 229.0 |

**********

Statistics for Tie 62 FLT 20 Day 280

**********

Start Time 15:32:38 Start East 513392 Start Nrth 5439666
End Time 15:41:42 End East 513409 End Nrth 5458475

Elaps Time 00:09:04 Line Length = 18.809 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61630.52 | 0.000 | 234 | 15 | 3 | 2 | 37 | 164.0 | 57.0 |
| Max | 61965.17 | 0.139 | 971 | 103 | 30 | 47 | 91 | 385.0 | 399.0 |
| Mn | 61730.70 | 0.024 | 462 | 42 | 13 | 17 | 62 | 233.7 | 217.3 |

**********

Statistics for Tie 63 FLT 20 Day 280

**********

Start Time 15:42:56 Start East 513791 Start Nrth 5438986
End Time 15:53:15 End East 513811 End Nrth 5458433

Elaps Time 00:10:19 Line Length = 19.447 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61594.89 | 0.000 | 216 | 11 | 1 | 2 | 38 | 146.0 | 75.0 |
| Max | 61990.76 | 0.159 | 870 | 102 | 30 | 39 | 89 | 342.0 | 401.0 |
| Mn | 61723.23 | 0.028 | 435 | 39 | 13 | 15 | 62 | 231.8 | 228.7 |

**********

Statistics for Tie 64 FLT 20 Day 280

**********

Start Time 15:54:09 Start East 514193 Start Nrth 5439584
End Time 16:02:53 End East 514222 End Nrth 5458671

Elaps Time 00:08:44 Line Length = 19.087 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61637.98 | 0.000 | 226 | 14 | 3 | 2 | 39 | 153.0 | 76.0 |
| Max | 61952.77 | 0.199 | 821 | 84 | 36 | 40 | 85 | 367.0 | 382.0 |
| Mn | 61728.09 | 0.025 | 450 | 40 | 14 | 16 | 62 | 243.1 | 216.4 |

**********

Statistics for Tie 65 FLT 20 Day 280

**********

Start Time 16:04:08 Start East 514577 Start Nrth 5438935
End Time 16:14:32 End East 514611 End Nrth 5458465

Elaps Time 00:10:24 Line Length = 19.530 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60983.02 | 0.000 | 208 | 12 | 3 | 2 | 41 | 159.0 | 81.0 |
| Max | 62054.91 | 0.245 | 1017 | 99 | 42 | 69 | 88 | 320.0 | 344.0 |
| Mn | 61718.82 | 0.027 | 472 | 40 | 15 | 17 | 63 | 228.1 | 224.7 |

**********

Statistics for Tie 66 FLT 20 Day 280

**********

Start Time 16:15:38 Start East 514994 Start Nrth 5439693
End Time 16:24:32 End East 515035 End Nrth 5458854

Elaps Time 00:08:54 Line Length = 19.161 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61452.66 | 0.000 | 212 | 13 | 1 | 1 | 40 | 162.0 | 98.0 |
| Max | 62110.01 | 0.171 | 1155 | 93 | 45 | 70 | 90 | 342.0 | 414.0 |
| Mn | 61760.12 | 0.025 | 446 | 36 | 14 | 17 | 63 | 240.9 | 224.7 |

**********

Statistics for Tie 67 FLT 20 Day 280

**********

Start Time 16:25:30 Start East 515389 Start Nrth 5439069
End Time 16:35:29 End East 515410 End Nrth 5458255

Elaps Time 00:09:59 Line Length = 19.186 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61565.51 | 0.000 | 247 | 14 | 3 | 2 | 41 | 143.0 | 109.0 |
| Max | 62250.86 | 0.205 | 790 | 97 | 31 | 43 | 91 | 333.0 | 414.0 |
| Mn | 61744.68 | 0.025 | 441 | 36 | 14 | 16 | 63 | 235.7 | 236.9 |

**********

Statistics for Tie 68 FLT 20 Day 280

**********

Start Time 16:36:25 Start East 515791 Start Nrth 5439502
End Time 16:45:39 End East 515817 End Nrth 5458620

Elaps Time 00:09:14 Line Length = 19.118 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61629.48 | 0.000 | 230 | 11 | 4 | 4 | 43 | 153.0 | 129.0 |
| Max | 62289.05 | 0.160 | 806 | 84 | 38 | 43 | 94 | 367.0 | 425.0 |
| Mn | 61789.07 | 0.026 | 468 | 37 | 15 | 18 | 62 | 236.2 | 230.9 |

**********

Statistics for Tie 69 FLT 20 Day 280

**********

Start Time 16:46:48 Start East 516188 Start Nrth 5439009
End Time 16:56:32 End East 516211 End Nrth 5458336

Elaps Time 00:09:44 Line Length = 19.327 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61485.95 | 0.000 | 189 | 11 | 1 | 2 | 34 | 143.0 | 131.0 |
| Max | 62330.95 | 0.253 | 867 | 108 | 38 | 46 | 95 | 314.0 | 442.0 |
| Mn | 61760.97 | 0.026 | 488 | 39 | 16 | 18 | 63 | 231.4 | 241.2 |

**********

Statistics for Tie 70 FLT 21 Day 281

**********

Start Time 10:22:09 Start East 516588 Start Nrth 5438886
End Time 10:32:53 End East 516630 End Nrth 5458368

Elaps Time 00:10:44 Line Length = 19.482 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61405.15 | 0.000 | 233 | 11 | 5 | 2 | 43 | 155.0 | 121.0 |
| Max | 62221.04 | 0.234 | 919 | 103 | 40 | 49 | 94 | 334.0 | 400.0 |
| Mn | 61750.13 | 0.034 | 500 | 40 | 18 | 17 | 66 | 235.1 | 232.9 |

**********

Statistics for Tie 71 FLT 21 Day 281

**********

Start Time 10:11:34 Start East 516988 Start Nrth 5439441
End Time 10:20:33 End East 517023 End Nrth 5459205

Elaps Time 00:08:59 Line Length = 19.764 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61556.42 | 0.000 | 238 | 14 | 2 | 3 | 42 | 165.0 | 88.0 |
| Max | 62288.87 | 0.270 | 962 | 83 | 40 | 51 | 91 | 379.0 | 391.0 |
| Mn | 61753.83 | 0.028 | 483 | 38 | 18 | 16 | 65 | 242.7 | 205.9 |

**********

Statistics for Tie 72 FLT 21 Day 281

**********

Start Time 09:59:54 Start East 517393 Start Nrth 5438297
End Time 10:10:28 End East 517422 End Nrth 5458216

Elaps Time 00:10:34 Line Length = 19.919 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61497.48 | 0.000 | 240 | 9 | 5 | 2 | 42 | 140.0 | 91.0 |
| Max | 61935.94 | 0.247 | 904 | 93 | 35 | 49 | 92 | 322.0 | 408.6 |
| Mn | 61739.76 | 0.033 | 498 | 40 | 18 | 17 | 65 | 231.6 | 215.9 |

**********

Statistics for Tie 73 FLT 21 Day 281

**********

Start Time 09:30:53 Start East 517796 Start Nrth 5448773
End Time 09:35:27 End East 517830 End Nrth 5458758

Elaps Time 00:04:34 Line Length = 9.985 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61695.94 | 0.000 | 239 | 9 | 5 | 3 | 37 | 172.0 | 73.0 |
| Max | 61962.32 | 0.137 | 740 | 78 | 35 | 39 | 87 | 391.0 | 239.0 |
| Mn | 61768.96 | 0.026 | 443 | 32 | 17 | 16 | 63 | 242.2 | 136.3 |

**********

Statistics for Tie 73 FLT 21 Day 281

**********

Start Time 09:53:05 Start East 517786 Start Nrth 5438919
End Time 09:58:04 End East 517815 End Nrth 5449851

Elaps Time 00:04:59 Line Length = 10.932 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61645.65 | 0.000 | 256 | 16 | 7 | 4 | 46 | 179.0 | 179.0 |
| Max | 61912.62 | 0.181 | 660 | 65 | 30 | 31 | 91 | 330.0 | 365.0 |
| Mn | 61733.63 | 0.028 | 467 | 37 | 17 | 15 | 66 | 244.8 | 244.4 |

**********

Statistics for Tie 74 FLT 21 Day 281

**********

Start Time 09:19:12 Start East 518179 Start Nrth 5439460
End Time 09:29:51 End East 518226 End Nrth 5458319

Elaps Time 00:10:39 Line Length = 18.859 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61566.90 | 0.000 | 263 | 9 | 7 | 3 | 43 | 156.0 | 78.0 |
| Max | 62057.21 | 0.313 | 969 | 74 | 40 | 48 | 94 | 301.0 | 310.8 |
| Mn | 61774.35 | 0.038 | 493 | 35 | 19 | 18 | 64 | 229.7 | 191.6 |

**********

Statistics for Tie 75 FLT 21 Day 281

**********

Start Time 09:08:59 Start East 518526 Start Nrth 5439606
End Time 09:17:52 End East 518672 End Nrth 5458783

Elaps Time 00:08:53 Line Length = 19.178 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61388.24 | 0.000 | 238 | 10 | 4 | 1 | 40 | 133.0 | 75.0 |
| Max | 62363.20 | 0.470 | 979 | 77 | 48 | 45 | 91 | 339.0 | 334.0 |
| Mn | 61764.52 | 0.034 | 498 | 36 | 19 | 18 | 64 | 245.0 | 190.0 |

**********

Statistics for Tie 76 FLT 21 Day 281

**********

Start Time 08:57:20 Start East 518976 Start Nrth 5438728
End Time 09:07:54 End East 519178 End Nrth 5458418

Elaps Time 00:10:34 Line Length = 19.691 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 60770.37 | 0.000 | 205 | 7 | 5 | 3 | 40 | 136.0 | 78.0 |
| Max | 61962.80 | 0.344 | 1123 | 120 | 45 | 59 | 97 | 329.0 | 334.0 |
| Mn | 61747.41 | 0.038 | 525 | 41 | 19 | 19 | 65 | 233.6 | 200.8 |

**********

Statistics for Tie 77 FLT 21 Day 281

**********

Start Time 08:47:15 Start East 519389 Start Nrth 5439483
End Time 08:56:04 End East 519419 End Nrth 5459351

Elaps Time 00:08:49 Line Length = 19.868 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61087.42 | 0.000 | 215 | 10 | 2 | 1 | 42 | 176.0 | 77.0 |
| Max | 61892.74 | 0.330 | 1182 | 139 | 43 | 53 | 88 | 351.0 | 367.0 |
| Mn | 61759.72 | 0.026 | 507 | 41 | 18 | 18 | 63 | 247.0 | 191.8 |

**********

Statistics for Tie 78 FLT 18 Day 277

**********

Start Time 16:52:51 Start East 519790 Start Nrth 5438906
End Time 17:03:35 End East 519815 End Nrth 5458335

Elaps Time 00:10:44 Line Length = 19.429 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61636.59 | 0.000 | 164 | 7 | 0 | 3 | 41 | 170.0 | 87.0 |
| Max | 61922.60 | 0.177 | 1290 | 163 | 51 | 58 | 90 | 389.0 | 352.0 |
| Mn | 61778.32 | 0.025 | 458 | 39 | 14 | 17 | 63 | 248.0 | 203.3 |

**********

Statistics for Tie 79 FLT 18 Day 277

**********

Start Time 16:42:02 Start East 520193 Start Nrth 5439563
End Time 16:51:35 End East 520213 End Nrth 5459646

Elaps Time 00:09:33 Line Length = 20.083 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61654.25 | 0.000 | 160 | 8 | 2 | 2 | 42 | 185.0 | 75.0 |
| Max | 61924.40 | 0.169 | 1199 | 143 | 35 | 54 | 89 | 377.0 | 323.0 |
| Mn | 61776.59 | 0.024 | 444 | 38 | 13 | 17 | 63 | 246.0 | 197.3 |

**********

Statistics for Tie 80 FLT 18 Day 277

**********

Start Time 16:20:28 Start East 520594 Start Nrth 5438641
End Time 16:30:12 End East 520619 End Nrth 5458365

Elaps Time 00:09:44 Line Length = 19.724 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61720.72 | 0.000 | 248 | 12 | 2 | 2 | 46 | 165.0 | 91.0 |
| Max | 61814.10 | 0.141 | 1140 | 137 | 36 | 56 | 92 | 425.0 | 346.0 |
| Mn | 61774.36 | 0.025 | 477 | 43 | 14 | 17 | 64 | 259.5 | 223.5 |

**********

Statistics for Tie 81 FLT 18 Day 277

**********

Start Time 16:09:43 Start East 520991 Start Nrth 5439729
End Time 16:18:57 End East 521021 End Nrth 5459101

Elaps Time 00:09:14 Line Length = 19.372 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61729.59 | 0.000 | 245 | 12 | 2 | 1 | 41 | 145.0 | 73.0 |
| Max | 61816.09 | 0.141 | 1188 | 148 | 42 | 57 | 96 | 355.0 | 357.0 |
| Mn | 61778.73 | 0.023 | 471 | 41 | 14 | 18 | 64 | 250.3 | 204.9 |

**********

Statistics for Tie 82 FLT 18 Day 277

**********

Start Time 15:57:36 Start East 521390 Start Nrth 5438893
End Time 16:08:00 End East 521414 End Nrth 5458265

Elaps Time 00:10:24 Line Length = 19.372 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61723.05 | 0.000 | 236 | 10 | 2 | 2 | 41 | 183.0 | 86.0 |
| Max | 61816.23 | 0.165 | 1414 | 174 | 41 | 65 | 91 | 347.0 | 325.0 |
| Mn | 61777.39 | 0.026 | 517 | 47 | 15 | 19 | 64 | 244.3 | 212.5 |

**********

Statistics for Tie 83 FLT 18 Day 277

**********

Start Time 15:46:58 Start East 521786 Start Nrth 5439677
End Time 15:56:22 End East 521818 End Nrth 5459136

Elaps Time 00:09:24 Line Length = 19.459 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61726.95 | 0.000 | 165 | 11 | 2 | 2 | 40 | 178.0 | 83.0 |
| Max | 61816.11 | 0.130 | 1387 | 148 | 49 | 64 | 91 | 374.0 | 290.0 |
| Mn | 61778.95 | 0.025 | 483 | 42 | 14 | 18 | 63 | 243.9 | 184.7 |

**********

Statistics for Tie 84 FLT 18 Day 277

**********

Start Time 15:34:57 Start East 522193 Start Nrth 5438772
End Time 15:45:26 End East 522210 End Nrth 5458284

Elaps Time 00:10:29 Line Length = 19.512 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61717.60 | 0.000 | 165 | 9 | 3 | 1 | 42 | 156.0 | 92.0 |
| Max | 61815.08 | 0.247 | 1401 | 169 | 44 | 61 | 91 | 342.0 | 277.0 |
| Mn | 61776.46 | 0.027 | 482 | 43 | 14 | 18 | 63 | 241.9 | 184.2 |

**********

Statistics for Tie 85 FLT 18 Day 277

**********

Start Time 15:23:27 Start East 522592 Start Nrth 5439470
End Time 15:32:51 End East 522617 End Nrth 5459032

Elaps Time 00:09:24 Line Length = 19.562 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61724.15 | 0.000 | 186 | 10 | 3 | 1 | 44 | 180.0 | 92.0 |
| Max | 61814.03 | 0.137 | 1053 | 129 | 37 | 47 | 91 | 329.0 | 323.0 |
| Mn | 61778.52 | 0.026 | 459 | 40 | 14 | 17 | 63 | 246.0 | 166.3 |

**********

Statistics for Tie 86 FLT 18 Day 277

**********

Start Time 15:11:35 Start East 522986 Start Nrth 5438547
End Time 15:22:09 End East 523011 End Nrth 5458366

Elaps Time 00:10:34 Line Length = 19.819 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61716.55 | 0.000 | 227 | 9 | 1 | 2 | 41 | 168.0 | 91.0 |
| Max | 61813.55 | 0.131 | 1058 | 120 | 39 | 58 | 91 | 378.0 | 433.0 |
| Mn | 61776.39 | 0.026 | 543 | 48 | 16 | 21 | 64 | 245.1 | 181.1 |

**********

Statistics for Tie 87 FLT 18 Day 277

**********

Start Time 15:01:15 Start East 523394 Start Nrth 5439339
End Time 15:10:14 End East 523417 End Nrth 5458895

Elaps Time 00:08:59 Line Length = 19.556 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61730.55 | 0.000 | 213 | 9 | 3 | 2 | 41 | 170.0 | 88.0 |
| Max | 61811.76 | 0.135 | 1186 | 130 | 38 | 60 | 94 | 349.0 | 444.0 |
| Mn | 61778.75 | 0.025 | 607 | 53 | 17 | 24 | 63 | 242.7 | 166.4 |

**********

Statistics for Tie 88 FLT 18 Day 277

**********

Start Time 14:50:08 Start East 523799 Start Nrth 5439371
End Time 14:59:57 End East 523816 End Nrth 5458385

Elaps Time 00:09:49 Line Length = 19.014 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61726.03 | 0.000 | 193 | 9 | 2 | 3 | 40 | 146.0 | 100.0 |
| Max | 61809.25 | 0.151 | 1063 | 126 | 43 | 59 | 91 | 360.0 | 414.0 |
| Mn | 61780.02 | 0.027 | 597 | 51 | 17 | 24 | 64 | 247.7 | 180.2 |

**********

Statistics for Tie 89 FLT 18 Day 277

**********

Start Time 14:39:28 Start East 524191 Start Nrth 5439656
End Time 14:48:22 End East 524214 End Nrth 5459218

Elaps Time 00:08:54 Line Length = 19.562 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61723.95 | 0.000 | 212 | 9 | 3 | 3 | 44 | 165.0 | 97.0 |
| Max | 61812.24 | 0.202 | 1229 | 126 | 43 | 67 | 89 | 355.0 | 415.0 |
| Mn | 61779.14 | 0.026 | 629 | 54 | 18 | 26 | 63 | 243.5 | 171.5 |

**********

Statistics for Tie 90 FLT 18 Day 277

**********

Start Time 14:28:17 Start East 524596 Start Nrth 5438966
End Time 14:38:06 End East 524612 End Nrth 5458364

Elaps Time 00:09:49 Line Length = 19.398 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61661.73 | 0.000 | 237 | 14 | 4 | 3 | 42 | 155.0 | 92.0 |
| Max | 61912.30 | 0.146 | 1074 | 115 | 40 | 66 | 94 | 330.4 | 364.6 |
| Mn | 61777.86 | 0.025 | 661 | 57 | 19 | 27 | 64 | 242.3 | 174.5 |

**********

Statistics for Tie 91 FLT 18 Day 277

**********

Start Time 14:17:11 Start East 524988 Start Nrth 5439713
End Time 14:26:20 End East 525021 End Nrth 5459086

Elaps Time 00:09:09 Line Length = 19.373 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61563.19 | 0.000 | 227 | 12 | 3 | 3 | 34 | 147.0 | 86.0 |
| Max | 61866.02 | 0.231 | 1191 | 122 | 39 | 67 | 87 | 361.0 | 360.0 |
| Mn | 61769.18 | 0.025 | 632 | 54 | 18 | 26 | 62 | 243.6 | 163.6 |

**********

Statistics for Tie 92 FLT 18 Day 277

**********

Start Time 14:06:56 Start East 525394 Start Nrth 5438818
End Time 14:16:05 End East 525411 End Nrth 5458332

Elaps Time 00:09:09 Line Length = 19.514 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61621.99 | 0.000 | 237 | 13 | 3 | 3 | 37 | 161.0 | 89.0 |
| Max | 61954.78 | 0.154 | 1299 | 131 | 45 | 77 | 92 | 360.0 | 405.4 |
| Mn | 61773.36 | 0.024 | 665 | 58 | 19 | 27 | 63 | 245.9 | 175.1 |

**********

Statistics for Tie 93 FLT 18 Day 277

**********

Start Time 13:55:43 Start East 525791 Start Nrth 5439700
End Time 14:04:52 End East 525814 End Nrth 5459282

Elaps Time 00:09:09 Line Length = 19.582 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61714.53 | 0.000 | 256 | 15 | 2 | 5 | 44 | 152.0 | 80.0 |
| Max | 61847.92 | 0.153 | 1176 | 132 | 41 | 67 | 90 | 363.0 | 324.0 |
| Mn | 61778.00 | 0.024 | 636 | 56 | 18 | 26 | 63 | 244.0 | 163.1 |

**********

Statistics for Tie 94 FLT 18 Day 277

**********

Start Time 13:44:50 Start East 526191 Start Nrth 5438811
End Time 13:54:14 End East 526226 End Nrth 5458365

Elaps Time 00:09:24 Line Length = 19.554 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61719.74 | 0.000 | 244 | 12 | 3 | 4 | 39 | 183.0 | 85.0 |
| Max | 61863.99 | 0.289 | 1110 | 128 | 39 | 64 | 86 | 338.0 | 350.6 |
| Mn | 61778.18 | 0.025 | 667 | 58 | 18 | 28 | 62 | 244.3 | 165.4 |

**********

Statistics for Tie 95 FLT 18 Day 277

**********

Start Time 13:33:50 Start East 526600 Start Nrth 5439618
End Time 13:43:14 End East 526616 End Nrth 5458489

Elaps Time 00:09:24 Line Length = 18.871 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61724.60 | 0.000 | 256 | 13 | 4 | 5 | 39 | 154.0 | 79.0 |
| Max | 61858.86 | 1.060 | 1121 | 126 | 39 | 64 | 90 | 331.0 | 302.0 |
| Mn | 61773.55 | 0.026 | 715 | 63 | 19 | 29 | 62 | 242.3 | 145.4 |

**********

Statistics for Tie 96 FLT 13 Day 273

**********

Start Time 10:28:12 Start East 526987 Start Nrth 5439684
End Time 10:38:26 End East 527015 End Nrth 5459798

Elaps Time 00:10:14 Line Length = 20.114 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61708.05 | 0.000 | 285 | 15 | 8 | 7 | 35 | 173.0 | 76.0 |
| Max | 61893.80 | 0.101 | 1247 | 148 | 45 | 60 | 84 | 319.0 | 274.0 |
| Mn | 61765.02 | 0.019 | 738 | 64 | 23 | 28 | 60 | 251.1 | 142.6 |

**********

Statistics for Tie 97 FLT 13 Day 273

**********

Start Time 10:16:33 Start East 527397 Start Nrth 5439668
End Time 10:26:36 End East 527448 End Nrth 5458311

Elaps Time 00:10:03 Line Length = 18.643 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61738.98 | 0.000 | 325 | 20 | 5 | 7 | 35 | 171.0 | 85.0 |
| Max | 61863.40 | 0.118 | 1083 | 111 | 41 | 51 | 93 | 361.0 | 266.0 |
| Mn | 61766.71 | 0.022 | 708 | 60 | 23 | 27 | 60 | 260.1 | 143.4 |

**********

Statistics for Tie 98 FLT 12 Day 272

**********

Start Time 16:56:42 Start East 527792 Start Nrth 5439062
End Time 17:07:51 End East 527811 End Nrth 5458359

Elaps Time 00:11:09 Line Length = 19.297 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61739.05 | 0.000 | 503 | 27 | 11 | 9 | 35 | 153.0 | 84.0 |
| Max | 61855.73 | 0.369 | 1201 | 130 | 51 | 53 | 86 | 375.0 | 275.2 |
| Mn | 61784.91 | 0.021 | 822 | 69 | 29 | 27 | 61 | 259.1 | 143.0 |

**********

Statistics for Tie 99 FLT 11 Day 272

**********

Start Time 12:10:46 Start East 528191 Start Nrth 5439487
End Time 12:20:59 End East 528269 End Nrth 5458212

Elaps Time 00:10:13 Line Length = 18.725 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61644.51 | 0.000 | 400 | 19 | 9 | 8 | 33 | 184.0 | 80.0 |
| Max | 61903.55 | 0.102 | 1286 | 134 | 51 | 54 | 87 | 565.0 | 296.8 |
| Mn | 61761.98 | 0.022 | 776 | 64 | 26 | 28 | 60 | 266.8 | 139.2 |

**********

Statistics for Tie 100 FLT 10 Day 271

**********

Start Time 16:30:01 Start East 528592 Start Nrth 5439371
End Time 16:40:01 End East 528623 End Nrth 5458421

Elaps Time 00:10:00 Line Length = 19.050 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61664.30 | 0.000 | 357 | 16 | 7 | 6 | 33 | 168.0 | 76.0 |
| Max | 61962.93 | 0.467 | 1243 | 138 | 47 | 59 | 90 | 305.0 | 228.0 |
| Mn | 61796.35 | 0.021 | 726 | 61 | 23 | 27 | 61 | 250.8 | 139.3 |

**********

Statistics for Tie 101 FLT 10 Day 271

**********

Start Time 16:18:51 Start East 528994 Start Nrth 5439519
End Time 16:28:20 End East 529020 End Nrth 5458899

Elaps Time 00:09:29 Line Length = 19.380 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61392.69 | 0.000 | 276 | 12 | 3 | 6 | 40 | 177.0 | 69.0 |
| Max | 62031.04 | 0.453 | 1010 | 110 | 39 | 60 | 91 | 345.0 | 249.0 |
| Mn | 61794.07 | 0.022 | 610 | 47 | 20 | 23 | 61 | 254.0 | 152.3 |

**********

Statistics for Tie 102 FLT 10 Day 271

**********

Start Time 16:07:15 Start East 529383 Start Nrth 5439367
End Time 16:17:33 End East 529409 End Nrth 5458522

Elaps Time 00:10:18 Line Length = 19.155 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61369.89 | 0.000 | 286 | 16 | 6 | 6 | 39 | 165.0 | 85.0 |
| Max | 62047.88 | 0.446 | 1113 | 129 | 43 | 51 | 87 | 342.0 | 253.0 |
| Mn | 61801.89 | 0.023 | 628 | 49 | 21 | 23 | 61 | 245.6 | 157.7 |

**********

Statistics for Tie 103 FLT 8 Day 268

**********

Start Time 11:20:30 Start East 529783 Start Nrth 5438922
End Time 11:30:38 End East 529833 End Nrth 5458329

Elaps Time 00:10:08 Line Length = 19.407 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61224.68 | 0.000 | 249 | 12 | 4 | 2 | 35 | 160.0 | 104.0 |
| Max | 62020.49 | 0.164 | 969 | 125 | 37 | 49 | 88 | 288.0 | 205.0 |
| Mn | 61794.87 | 0.022 | 562 | 48 | 17 | 21 | 59 | 234.5 | 146.2 |

**********

Statistics for Tie 104 FLT 7 Day 267

**********

Start Time 16:46:29 Start East 530181 Start Nrth 5439347
End Time 16:56:48 End East 530273 End Nrth 5458393

Elaps Time 00:10:19 Line Length = 19.046 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61654.00 | 0.000 | 272 | 11 | 2 | 4 | 36 | 153.0 | 81.0 |
| Max | 62204.28 | 0.120 | 1131 | 121 | 45 | 53 | 85 | 319.0 | 241.0 |
| Mn | 61855.74 | 0.021 | 611 | 55 | 18 | 22 | 60 | 230.0 | 146.4 |

**********

Statistics for Tie 105 FLT 7 Day 267

**********

Start Time 16:35:43 Start East 530575 Start Nrth 5439750
End Time 16:45:36 End East 530658 End Nrth 5458261

Elaps Time 00:09:53 Line Length = 18.511 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61648.67 | 0.000 | 292 | 12 | 3 | 4 | 38 | 168.0 | 82.0 |
| Max | 62208.24 | 0.098 | 1094 | 142 | 37 | 49 | 86 | 328.0 | 255.0 |
| Mn | 61850.57 | 0.019 | 589 | 53 | 17 | 21 | 60 | 242.9 | 157.8 |

**********

Statistics for Tie 106 FLT 6 Day 267

**********

Start Time 11:40:34 Start East 530979 Start Nrth 5439422
End Time 11:50:23 End East 531039 End Nrth 5458271

Elaps Time 00:09:49 Line Length = 18.849 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61629.05 | 0.000 | 321 | 19 | 4 | 6 | 38 | 143.0 | 95.0 |
| Max | 62172.99 | 0.129 | 1116 | 120 | 37 | 63 | 91 | 297.0 | 273.0 |
| Mn | 61837.41 | 0.019 | 622 | 55 | 18 | 24 | 61 | 231.4 | 165.6 |

**********

Statistics for Tie 107 FLT 6 Day 267

**********

Start Time 11:29:28 Start East 531379 Start Nrth 5439757
End Time 11:39:52 End East 531424 End Nrth 5458485

Elaps Time 00:10:24 Line Length = 18.728 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61719.45 | 0.000 | 320 | 17 | 4 | 6 | 34 | 143.0 | 87.0 |
| Max | 62110.47 | 0.128 | 1151 | 122 | 46 | 60 | 88 | 317.0 | 301.0 |
| Mn | 61841.58 | 0.018 | 627 | 54 | 19 | 24 | 60 | 232.7 | 171.2 |

**********

Statistics for Tie 108 FLT 6 Day 267

**********

Start Time 11:18:09 Start East 531761 Start Nrth 5439355
End Time 11:28:28 End East 531825 End Nrth 5458388

Elaps Time 00:10:19 Line Length = 19.033 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61739.57 | 0.000 | 316 | 17 | 7 | 7 | 38 | 136.0 | 93.0 |
| Max | 62102.65 | 0.165 | 1229 | 127 | 44 | 64 | 85 | 485.0 | 338.0 |
| Mn | 61835.25 | 0.019 | 663 | 56 | 19 | 26 | 60 | 215.6 | 180.4 |

**********

Statistics for Tie 109 FLT 6 Day 267

**********

Start Time 11:07:23 Start East 532164 Start Nrth 5439670
End Time 11:17:21 End East 532223 End Nrth 5458724

Elaps Time 00:09:58 Line Length = 19.054 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61743.37 | 0.000 | 323 | 14 | 6 | 10 | 39 | 133.0 | 102.0 |
| Max | 62029.54 | 0.120 | 1161 | 120 | 42 | 65 | 87 | 324.0 | 373.0 |
| Mn | 61824.46 | 0.019 | 670 | 55 | 20 | 27 | 61 | 232.4 | 192.2 |

**********

Statistics for Tie 110 FLT 6 Day 267

**********

Start Time 09:05:03 Start East 532590 Start Nrth 5438977
End Time 09:15:02 End East 532617 End Nrth 5458702

Elaps Time 00:09:59 Line Length = 19.725 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61741.18 | 0.000 | 299 | 16 | 5 | 6 | 39 | 151.0 | 112.0 |
| Max | 61996.94 | 0.089 | 1073 | 107 | 44 | 61 | 87 | 336.0 | 436.0 |
| Mn | 61817.58 | 0.019 | 650 | 53 | 20 | 27 | 61 | 235.5 | 209.2 |

**********

Statistics for Tie 111 FLT 6 Day 267

**********

Start Time 08:55:09 Start East 532988 Start Nrth 5439522
End Time 09:04:03 End East 533028 End Nrth 5458507

Elaps Time 00:08:54 Line Length = 18.985 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61737.83 | 0.000 | 331 | 20 | 8 | 8 | 37 | 134.0 | 132.0 |
| Max | 62017.55 | 0.154 | 1059 | 128 | 42 | 53 | 85 | 379.0 | 538.0 |
| Mn | 61813.08 | 0.019 | 663 | 52 | 20 | 27 | 61 | 238.2 | 220.7 |

**********

Statistics for Tie 112 FLT 5 Day 266

**********

Start Time 16:58:00 Start East 533382 Start Nrth 5439216
End Time 17:07:38 End East 533434 End Nrth 5458264

Elaps Time 00:09:38 Line Length = 19.048 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61741.12 | 0.000 | 330 | 15 | 6 | 8 | 42 | 140.0 | 112.0 |
| Max | 61946.85 | 0.174 | 1127 | 134 | 44 | 63 | 93 | 388.0 | 647.0 |
| Mn | 61806.18 | 0.020 | 653 | 52 | 20 | 27 | 62 | 244.7 | 247.1 |

**********

Statistics for Tie 113 FLT 4 Day 266

**********

Start Time 12:29:35 Start East 533776 Start Nrth 5439337
End Time 12:40:09 End East 533824 End Nrth 5458433

Elaps Time 00:10:34 Line Length = 19.096 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61731.04 | 0.000 | 287 | 14 | 5 | 5 | 38 | 112.0 | 93.0 |
| Max | 61891.17 | 0.134 | 1161 | 132 | 49 | 57 | 98 | 487.0 | 691.0 |
| Mn | 61791.89 | 0.021 | 632 | 50 | 20 | 26 | 62 | 247.8 | 242.0 |

**********

Statistics for Tie 114 FLT 3 Day 265

**********

Start Time 17:11:17 Start East 534149 Start Nrth 5453749
End Time 17:13:51 End East 534234 End Nrth 5458655

Elaps Time 00:02:34 Line Length = 4.907 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61738.77 | 0.000 | 312 | 17 | 6 | 8 | 44 | 185.0 | 71.0 |
| Max | 61757.37 | 0.073 | 689 | 55 | 30 | 44 | 79 | 457.0 | 230.0 |
| Mn | 61747.95 | 0.019 | 481 | 31 | 18 | 23 | 61 | 247.4 | 158.3 |

**********

Statistics for Tie 114 FLT 4 Day 266

**********

Start Time 12:19:04 Start East 534175 Start Nrth 5439585
End Time 12:28:23 End East 534230 End Nrth 5458560

Elaps Time 00:09:19 Line Length = 18.975 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61730.93 | 0.000 | 311 | 16 | 4 | 5 | 36 | 133.0 | 74.0 |
| Max | 61861.67 | 0.131 | 1063 | 121 | 46 | 63 | 101 | 347.0 | 708.0 |
| Mn | 61784.01 | 0.020 | 598 | 46 | 19 | 24 | 61 | 242.3 | 222.8 |

**********

Statistics for Tie 115 FLT 3 Day 265

**********

Start Time 17:00:54 Start East 534566 Start Nrth 5439551
End Time 17:10:38 End East 534761 End Nrth 5458295

Elaps Time 00:09:44 Line Length = 18.745 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61742.40 | 0.000 | 269 | 12 | 3 | 6 | 38 | 157.0 | 67.0 |
| Max | 61855.65 | 0.083 | 967 | 104 | 38 | 55 | 106 | 329.1 | 642.0 |
| Mn | 61788.77 | 0.019 | 579 | 47 | 18 | 23 | 62 | 257.4 | 213.3 |

**********

Statistics for Tie 116 FLT 3 Day 265

**********

Start Time 16:50:04 Start East 534955 Start Nrth 5439658
End Time 16:59:57 End East 535027 End Nrth 5458739

Elaps Time 00:09:53 Line Length = 19.081 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61738.62 | 0.000 | 215 | 10 | 2 | 2 | 39 | 157.0 | 78.0 |
| Max | 61838.54 | 0.094 | 1215 | 161 | 48 | 64 | 83 | 309.0 | 473.0 |
| Mn | 61779.44 | 0.019 | 566 | 48 | 18 | 21 | 62 | 249.5 | 181.4 |

**********

Statistics for Tie 117 FLT 3 Day 265

**********

Start Time 10:52:47 Start East 535354 Start Nrth 5439450
End Time 11:03:56 End East 535439 End Nrth 5458378

Elaps Time 00:11:09 Line Length = 18.928 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61723.95 | 0.000 | 208 | 7 | 3 | 2 | 40 | 182.0 | 70.0 |
| Max | 61809.79 | 0.100 | 1226 | 159 | 41 | 42 | 86 | 353.6 | 409.4 |
| Mn | 61761.07 | 0.019 | 542 | 48 | 17 | 18 | 61 | 252.6 | 180.3 |

**********

Statistics for Tie 118 FLT 3 Day 265

**********

Start Time 10:40:00 Start East 535758 Start Nrth 5439655
End Time 10:51:58 End East 535823 End Nrth 5458877

Elaps Time 00:11:58 Line Length = 19.222 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61718.96 | 0.000 | 201 | 8 | 4 | 2 | 37 | 157.0 | 77.0 |
| Max | 61797.36 | 0.124 | 1266 | 146 | 76 | 57 | 90 | 384.0 | 311.0 |
| Mn | 61754.14 | 0.020 | 619 | 53 | 20 | 21 | 61 | 243.2 | 157.3 |

**********

Statistics for Tie 119 FLT 1 Day 264

**********

Start Time 14:47:54 Start East 536141 Start Nrth 5439550
End Time 14:59:32 End East 536261 End Nrth 5458363

Elaps Time 00:11:38 Line Length = 18.813 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61727.22 | 0.000 | 185 | 4 | 2 | 2 | 41 | 138.0 | 59.0 |
| Max | 61794.29 | 0.117 | 1230 | 133 | 49 | 62 | 88 | 357.0 | 313.0 |
| Mn | 61757.54 | 0.022 | 508 | 40 | 17 | 18 | 63 | 241.4 | 152.3 |

**********

Statistics for Tie 120 FLT 1 Day 264

**********

Start Time 14:35:30 Start East 536560 Start Nrth 5439350
End Time 14:46:43 End East 536621 End Nrth 5458862

Elaps Time 00:11:13 Line Length = 19.512 kms

| | Mag | Mag 4D | Tot Cnt | k40 | Un | Th | Cos | RadAlt | BarAlt |
|---|---|---|---|---|---|---|---|---|---|
| Min | 61721.95 | 0.000 | 164 | 8 | 2 | 2 | 31 | 175.0 | 63.0 |
| Max | 61781.37 | 0.125 | 1168 | 103 | 51 | 61 | 96 | 361.0 | 312.0 |
| Mn | 61749.72 | 0.022 | 464 | 35 | 16 | 17 | 63 | 240.0 | 145.9 |