

# Open File Envelope

## No. 11,289

**EL 3349, EL 3427 AND EL 3469**

**MOUNT McCALLUM, MOUNT MORRIS AND MOUNT  
ROEBUCK (PART OF FLINDERS RANGES PROJECT)**

**COMBINED FIRST ANNUAL REPORT, PLUS PROGRESS  
AND FINAL REPORTS TO LICENCES'  
EXPIRY/SURRENDER, FOR THE PERIOD 23/5/2005 TO  
22/5/2008**

Submitted by  
Gladstone Resources Ltd, Hindmarsh Resources Pty Ltd and Mega Hindmarsh Pty Ltd  
2008

© 29/10/2008

This report was supplied as part of the requirement to hold a mineral or petroleum exploration tenement in the State of South Australia.  
PIRSA accepts no responsibility for statements made, or conclusions drawn, in the report or for the quality of text or drawings.  
This report is subject to copyright. Apart from fair dealing for the purposes of study, research, criticism or review as permitted under the Copyright Act, no part may be reproduced without written permission of the Chief Executive of Primary Industries and Resources South Australia, GPO Box 1671, Adelaide, SA 5001.

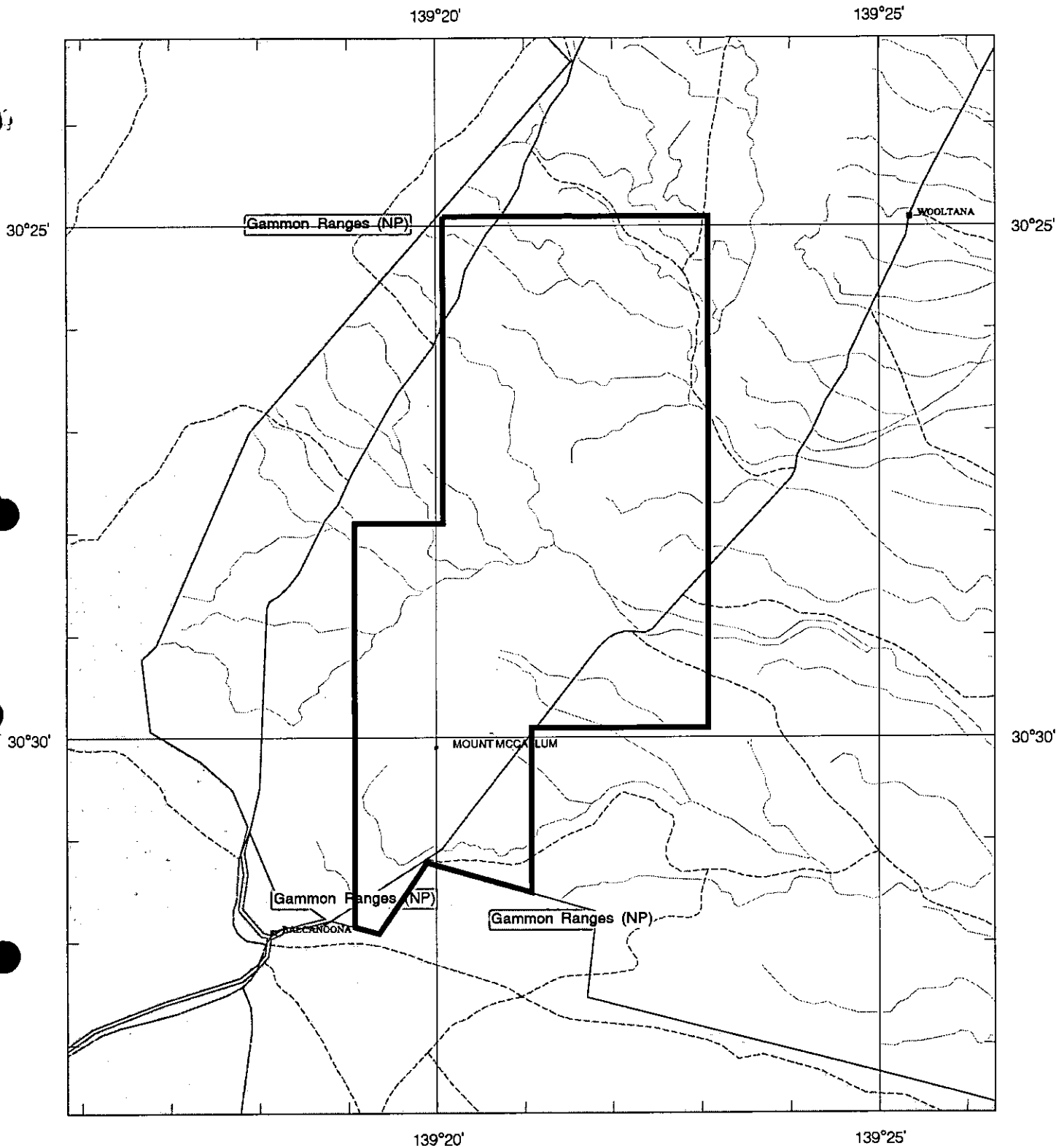
**Enquiries:** Customer Services Branch  
Minerals and Energy Resources  
7th Floor  
101 Grenfell Street, Adelaide 5000

Telephone: (08) 8463 3000  
Facsimile: (08) 8204 1880



**Government of South Australia**  
**Primary Industries and Resources SA**

# SCHEDULE A



*EXPIRED*

SCALE 1:100 000  
METRES 2000 0 2 4 6 8 10 KILOMETRES

APPLICATION LODGED IN : DATUM AGD66



**APPLICANT : GLADSTONE RESOURCES LTD**

**FILE REF : 13/05**

**TYPE : MINERAL ONLY**

**AREA : 60 km<sup>2</sup> (approx.)**

**1:250000 MAPSHEETS : COPLEY**

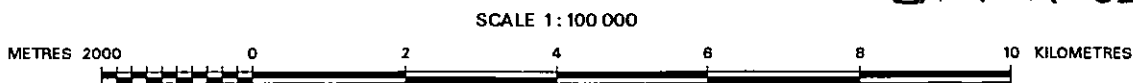
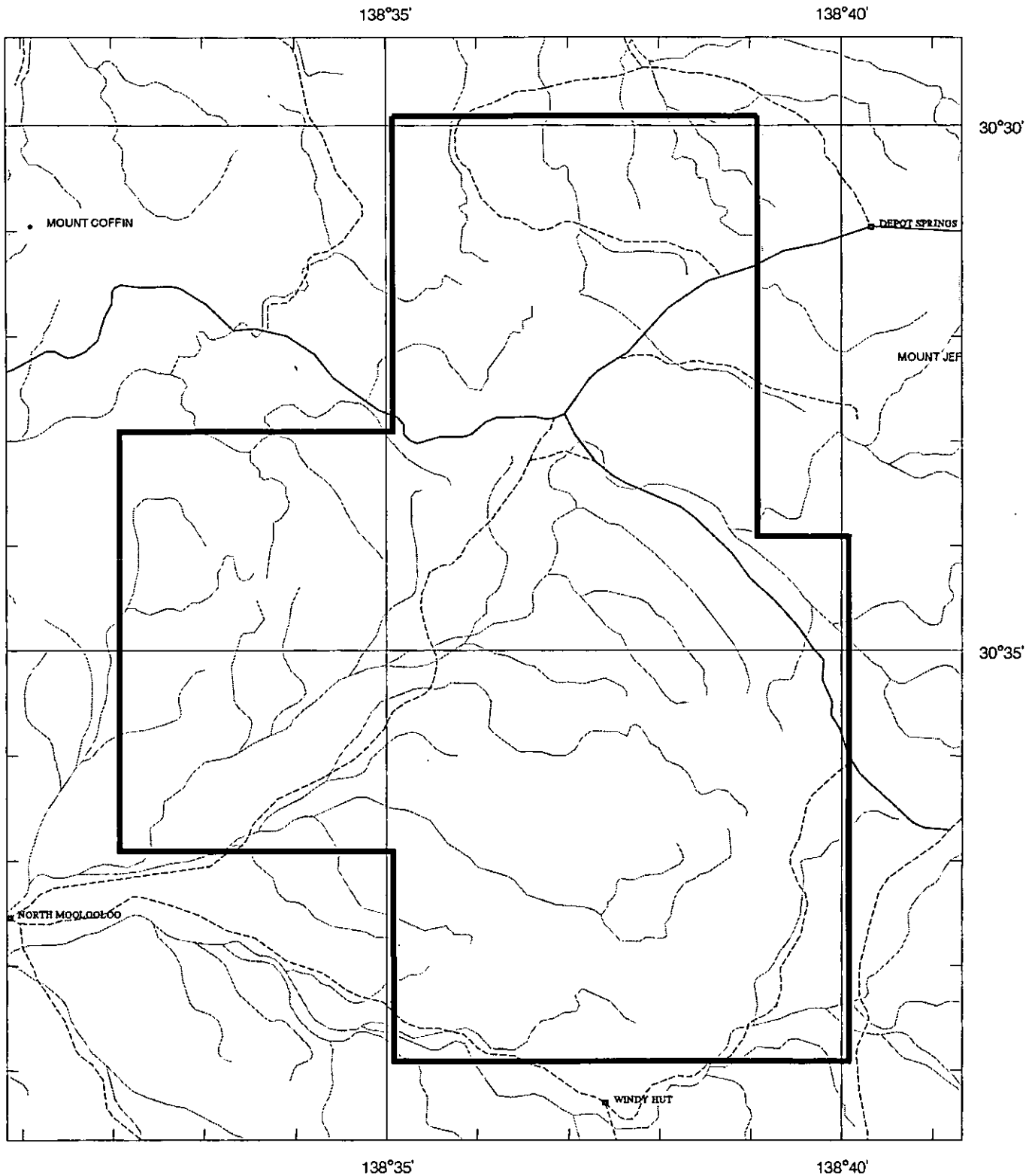
**LOCALITY : MOUNT MCCALLUM AREA - Approximately 90 km east of Copley**

**DATE GRANTED : 23-May-2005**

**DATE EXPIRED : 22-May-2006**

**EL NO : 3349**

# SCHEDULE A



LICENCE GRANTED IN : DATUM AGD66

*EXPIRED*



APPLICANT : **GLADSTONE RESOURCES LTD**

FILE REF : **91/05**

TYPE : **MINERAL ONLY**

AREA : **157 km<sup>2</sup> (approx.)**

1:250000 MAPSHEETS : **COPLEY**

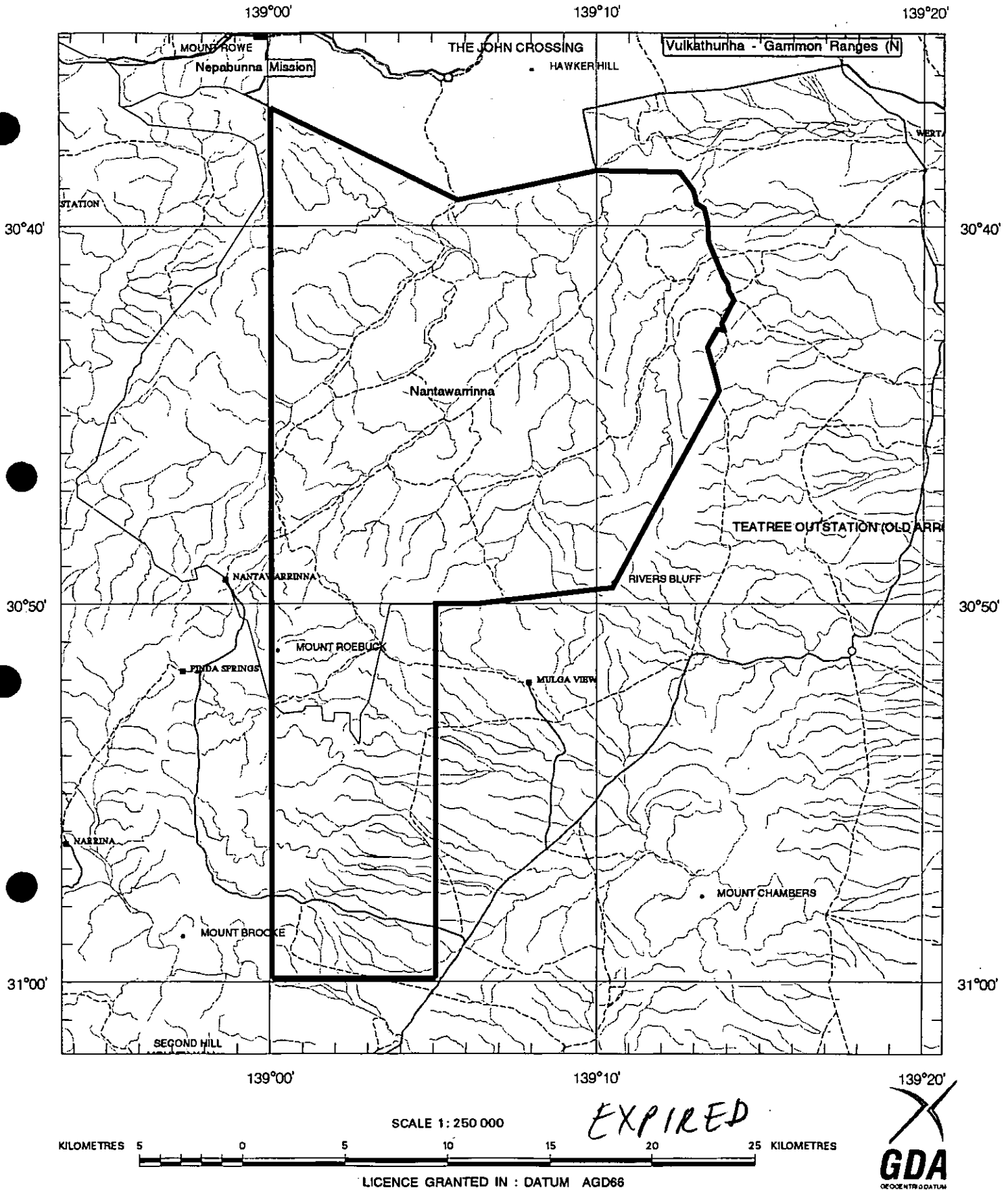
LOCALITY : **MOUNT MORRIS AREA - Approximately 20 km east of Leigh Creek**

DATE GRANTED : **20-Oct-2005**

DATE EXPIRED : **19-Oct-2006**

EL NO : **3427**

# SCHEDULE A



**APPLICANT : GLADSTONE RESOURCES LTD**

**FILE REF : 90/05**

**TYPE : MINERAL ONLY**

**AREA : 575 km<sup>2</sup> (approx.)**

**1:250000 MAPSHEETS : COPLEY**

**LOCALITY : MOUNT ROEBUCK AREA - Approximately 65 km ESE of Leigh Creek**

**DATE GRANTED : 05-Dec-2005**

**DATE EXPIRED : 04-Dec-2006**

**EL NO : 3469**



**FLINDERS RANGES PROJECT**

**EL 3349 MT MCCALLUM,  
EL 3427 MT MORRIS  
EL 3469 MT ROEBUCK**

**COMBINED ANNUAL TECHNICAL REPORT  
FOR THE PERIOD ENDING 31 DECEMBER 2006**

**Author:** **A D Brown  
J Howard**

**Date:** **June 2007**

**Distribution:** PIRSA – 1 digital, 1  
hard copy  
Hindmarsh – 1 digital,  
2 hard copies

## **SUMMARY**

The three licence areas comprising the Flinders Ranges Project consist of Neoproterozoic sediments with associated anomalous airborne radiometric responses. As the Mt Painter uranium deposits are thought to be Neoproterozoic in age, these anomalies were considered prospective uranium targets.

Reassessment of regional geophysical datasets was carried out to investigate anomalous radiometric responses within the Mt Roebuck, Mt McCallum and Mt Morris tenements. Field work focused on areas with these responses, using a handheld scintillometer to collect ground radiometric data.

### **EL 3469 Mt Roebuck**

Field investigations concentrated on three areas of interest within the EL:

1. Subtle radiometric anomalies coinciding with TMI features that underlie the diapiric Curdimurka Subgroup sediments in the north of the EL
2. Low level radiometric responses within the hills of the Brachina formation in the southwest of the EL
3. Potential palaeochannels with occasionally coincident low level surface radiometric anomalies in the southeast of the EL

The possibility of fault mobilised uranium between the hills and the Cainozoic sedimentary cover to the east was also investigated, as was the nature of the sediment fill within the intramontane sedimentary basin.

In the northern area localised variation in the intensity of weathering and minor ferruginisation was observed within pale purple siltstones with interbedded quartzite units. No uranium or base metal mineralisation was observed; however one localised ferruginised zone investigated displayed pseudomorphs after sulphides. The highest radiometric response recorded was 140 cps within a >2 m wide zone within the quartzite. Responses of > 100 cps were recorded in a small number of localised zones of quartzite and siltstone within the Curdimurka Subgroup.

In the southern area no evidence of pyritic or carbonaceous beds within the Brachina formation hills were identified. Based on TMI anomalies indicating possible palaeochannels within the basin in the south, a biogeochemical orientation survey was carried out to assess the uranium and base metal potential of the basin and associated channels. Assays indicated no significant mineralisation.

### **EL 3349 Mt McCallum**

Field investigations concentrated on Sturtian glacial sediments (Merinjina Tillite) and on identifying possible fault mobilised uranium along the range front.

Radiometric surveys across the Sturtian glacial sediments identified only clasts of granitic porphyry as being mildly radioactive ( $\leq 115$  cps).

No evidence for fault transported uranium was observed during a ground radiometric survey across the range front and into areas of shallow cover to the east.

#### **EL 3427 Mt Morris**

Field investigations at Mt Morris focused on examination of the Tapley Hill Formation sediments for pyritic or carbonaceous layers that may have acted as reducing environments to trap mobilised uranium. Reconnaissance field work was unable to identify any zones of interest based on these lithological requirements or on ground radiometric readings.

---

**Keywords:** Uranium/exploration/radiometric surveys/palaeochannel/biogeochemical survey/Brachina Formation/Tapley Hill Formation/Mt Roebuck/Mt McCallum/Mt Morris/

# CONTENTS

|                                           | Page |
|-------------------------------------------|------|
| <b>SUMMARY</b>                            | ii   |
| <b>1. INTRODUCTION</b>                    | 1    |
| <b>2. TENURE AND NATIVE TITLE</b>         | 1    |
| <b>3. LOCATION AND GEOLOGY</b>            | 1    |
| <b>3.1 EL 3469 - Mt Roebuck</b>           | 1    |
| <b>3.2 EL 3349 – Mt McCallum</b>          | 2    |
| <b>3.3 EL 3427 – Mt Morris</b>            | 2    |
| <b>4. PREVIOUS EXPLORATION</b>            | 2    |
| <b>4.1 EL 3469 - Mt Roebuck</b>           | 2    |
| <b>4.2 EL 3349 – Mt McCallum</b>          | 3    |
| <b>4.3 EL 3427 – Mt Morris</b>            | 4    |
| <b>5. CURRENT EXPLORATION ACTIVITIES</b>  | 4    |
| <b>5.1 EL 3469 - Mt Roebuck</b>           | 4    |
| <b>5.2 EL 3349 – Mt McCallum</b>          | 6    |
| <b>5.3 EL 3427 – Mt Morris</b>            | 7    |
| <b>6. CONCLUSIONS AND RECOMMENDATIONS</b> | 8    |
| <b>7. REFERENCES</b>                      | 9    |

## LIST OF FIGURES

|                  |                                                                                                                 |    |
|------------------|-----------------------------------------------------------------------------------------------------------------|----|
| <b>Figure 1.</b> | Regional location map of Flinders Ranges Project<br>exploration licences                                        | 10 |
| <b>Figure 2.</b> | Mt Roebuck EL, with topographic map and SRTM                                                                    | 11 |
| <b>Figure 3.</b> | Mt Roebuck geology, with EL boundary and roads                                                                  | 12 |
| <b>Figure 4.</b> | Previous drilling and uranium assays near the southern<br>boundary of the Mt Roebuck EL on uranium radiometrics | 13 |
| <b>Figure 5.</b> | Mt Roebuck north TMI 1vd anomaly underlying<br>Curdimurka Subgroup                                              | 14 |



|                   |                                                                                |    |
|-------------------|--------------------------------------------------------------------------------|----|
| <b>Figure 6.</b>  | Mt Roebuck North - low level uranium anomaly,<br>Curdimurka Subgroup           | 15 |
| <b>Figure 7.</b>  | Mt Roebuck South - biogeochemical sample locations<br>on TMI 1vd               | 16 |
| <b>Figure 8.</b>  | Mt McCallum locality map                                                       | 17 |
| <b>Figure 9.</b>  | Previous exploration drilling east of Mt McCallum<br>licence area              | 18 |
| <b>Figure 10.</b> | Mt McCallum geology                                                            | 29 |
| <b>Figure 11.</b> | Mt McCallum regional uranium radiometrics                                      | 20 |
| <b>Figure 12.</b> | Mt McCallum TMI-1vd image with interpreted NE<br>striking range bounding fault | 21 |
| <b>Figure 13.</b> | Mt Morris locality map                                                         | 22 |
| <b>Figure 14.</b> | Mt Morris geology                                                              | 23 |
| <b>Figure 15.</b> | Mt Morris regional uranium radiometrics                                        | 24 |

## APPENDICES

|                   |                                          |
|-------------------|------------------------------------------|
| <b>Appendix 1</b> | Mt Roebuck ground radiometric traverse 1 |
| <b>Appendix 2</b> | Mt Roebuck ground radiometric traverse 2 |
| <b>Appendix 3</b> | Mt Roebuck ground radiometric traverse 3 |
| <b>Appendix 4</b> | Mt Roebuck biogeochemical assays         |
| <b>Appendix 5</b> | Mt Morris ground radiometric traverse 1  |

## 1. INTRODUCTION

The Flinders Ranges project consists of three exploration licences, ELs 3349 (Mt McCallum), 3427 (Mt Morris) and 3469 (Mt Roebuck), located in the Flinders Ranges and in the Leigh Creek-Copley area (Figure 1). Access is via public roads and station tracks.

These areas were applied for in order to test radiometric anomalies over Neoproterozoic sedimentary units in the general vicinity of Mt Painter, in the belief that the uranium deposits in the area (e.g. Mt Gee) are Neoproterozoic in age (I Youles, 2005 – pers.com.).

## 2. TENURE AND NATIVE TITLE

The tenements are registered in the name of Gladstone Resources Limited, a wholly owned subsidiary of Hindmarsh Resources Limited. Details are set out in Table 1.

**Table 1. Tenement details**

| <b>Tenement Number</b> | <b>Tenement Name</b> | <b>Area (sq km)</b> | <b>Grant Date</b> | <b>Expiry Date</b> |
|------------------------|----------------------|---------------------|-------------------|--------------------|
| EL 3349                | Mt McCallum          | 60                  | 23/5/05           | 22/5/07            |
| EL 3427                | Mt Morris            | 157                 | 20/10/05          | 19/10/07           |
| EL 3469                | Mt Roebuck           | 575                 | 5/12/05           | 4/12/06            |

The three tenements lie within the Adnyamathanha Native title Claim area.

EL 3469 includes Nantawarrinna Station which is situated on Aboriginal Land. Permission for access for the field work was obtained following discussions with the landcare manager Ian Johnson.

## 3. LOCATION AND GEOLOGY

### 3.1 EL 3469 - Mt Roebuck

The Mt Roebuck licence is located in the Flinders Ranges, to the east of Lake Eyre (Figure 2), and covers areas of aboriginal and pastoral lands.

The oldest rocks in the Mt Roebuck area comprise Mesoproterozoic to Cambrian shales, siltstones, limestones, dolomites and sandstones (Figure 3). Much of the licence area is dominated by thin Cainozoic silts, clays and gravels, with modern alluvial channels incising much of the bedrock dominated areas. Extensive alluvial and colluvial fans and plains occupy areas of lower relief within the southern portion of the EL. The southern portion covers a part of an intramontane extension of the Frome Embayment (Wirrealpa

sub-basin?). This intramontane depression is separated from the main Frome Embayment to the east by the Wearing Hills and Mt Chambers (Figure 2).

### **3.2 EL 3349 - Mt McCallum**

The Mt McCallum tenement is located approximately 20 km SE of Arkaroola in the Flinders Ranges (Figure 8).

The geology of the Mt McCallum licence area (Figure 9) is comprised of Proterozoic siltstones, dolomites, limestones and shales, with minor glacial diamictite. Pockets of Tertiary sands-clays & silty dolomites are present, along with Quaternary alluvial and colluvial sediments.

The area of sedimentary cover to the east of the EL contains several hundred metres of Cainozoic fluvial and lacustrine sediments and Cretaceous lacustrine and marine sediments, overlying basal Jurassic sandstones. However field investigation indicated the shallow cover within the EL boundary has little likelihood of significant uraniferous palaeochannel development.

### **3.3 EL 3427 - Mt Morris**

Mt Morris is located ~13 km east of Leigh Creek (Figures 1, 13). The geology of the tenement (Figure 14) is comprised of hills of Proterozoic siltstones, dolomites, limestones and shales, with Quaternary clays, sand and silts, and modern alluvial systems occupying lower landscape positions.

Historic copper mines occur to the north-west of the licence area and the Patsey Springs Ag, Cu and Pb prospect occurs on the north-east boundary.

## **4. PREVIOUS EXPLORATION**

### **4.1 EL 3469 - Mt Roebuck**

Uranium and base metal exploration within the intramontane Wirrealpa sub-basin and the Frome Embayment to the east of the Wearing Hills occurred largely in the late 60s-early 70s in the areas surrounding the licence area. Figure 4 shows the locations of previous uranium exploration drilling and uranium geochemistry (ppm) around the southern portion of EL 3469.

Newmont and Electrolytic Zinc Co (Envelopes 997 & 1104) focussed on uranium exploration within Parachilna Formation sediments adjacent to the Mt John Diapir. This work identified low level anomalous uranium with maximum radiometric readings of 150 cps over very limited areas. Over 80 shallow auger holes were drilled, and down-hole probe results recorded a maximum of 250 cps, with the main radiometric anomaly found to be associated with iron-manganese indurated outcrops. The maximum uranium assay result from auger samples was 30 ppm  $U_3O_8$ , and the maximum surface uranium assay

was 100 ppm, which appears to have been localised. It was concluded that no significant uranium mineralisation occurred at depth within the Parachilna Formation and that the thin surface zone of elevated uranium was related to Tertiary weathering and Fe-Mn induration. This work provided no information on the nature of the Cainozoic sedimentation as all sections and drilling logs relate to drilling of the Parachilna Formation.

In 1970, exploration by Mines Administration Pty Ltd (Envelope 1508) focused predominantly on drilling within the Frome Embayment to the east of the Wearing Hills. Two holes were drilled near the southern boundary of Mt Roebuck (W13 & W14, Figure 4); however no information on the radiometric responses of these holes, or the nature of the sedimentation, is provided. As information on other drillholes with only minor peaks is included in the report, it is concluded that no noteworthy responses occurred within these two holes. Stratigraphic cross-sections from east of the ranges indicate silts and clays dominate the sediments with minor sands.

In the more bedrock-dominated areas in the north of Mt Roebuck there has been limited base metal and diamond exploration, with a very limited number of U assays reported. Exploration by CRAE in 1991 focused on Au Cu and diamonds at Mt Evans which is approximately 20km to the west of Mt Roebuck (Envelope 8311). U assays for a limited number of samples are reported; with a maximum of 13 ppm U by ICP-MS. Ground radiometric data collected during soil sampling identified no significant anomalies, although a slightly elevated background of 170-220 cps was reported.

Examination of available geochemical assays within the PIRSA State GIS identified a number of assays within the Mt Roebuck tenement. Uranium is rarely reported, with most surveys targeting Cu, Au, Pb, Zn and Ag. Two samples with reported uranium occur within the EL, with a maximum of 3.7 ppm U by ICP-MS reported for samples of Narina Greywacke. Stream sediment geochemistry in the area immediately west of the EL typically reports 1ppm U or less in areas dominated by Bunyerroo Formation silts and shales.

## **4.2 EL 3349 - Mt McCallum**

There is no record of uranium exploration within the boundaries of the Mt McCallum licence. Previous exploration in the areas around Mt McCallum occurred from 1971 to 1974 and targeted Tertiary hosted uranium within the Frome Embayment to the east and south of Mt McCallum (Figure 10).

In 1971, Mines Administration Pty Ltd, in joint venture with Teton Exploration drilling company, explored for uranium using water-sampling, airborne radiometric surveying and drilling (Envelope 1643). Airborne radiometric surveying and a groundwater sampling program failed to identify significant targets. Reconnaissance drilling identified anomalous radioactivity in only one drillhole, located 10 km east of the Mt McCallum tenement. Follow up drilling around this hole failed to identify any further anomalous radioactivity.

Follow up exploration by Afmeco Pty Ltd and Mines Administration Pty Ltd in 1972 (Envelope 2082) included the drilling of an additional 26 holes, which were all logged for SP, resistivity and gamma. A number of holes from this program contained zones of anomalous radiation. Holes WT 29, WT 12 and WT 14 reported intervals with greater than 100 cps, with WT13 having the highest result of 235 cps. It should be noted that the zones of anomalous radiation within these holes are quite narrow, ranging from one inch to one foot. Based on these results, additional drilling was carried out during 1973 and 1974 (Envelope 2306). Gamma, SP, resistivity and lithology were logged for each hole; however, no anomalous radioactivity was detected in any holes, with background radioactivity varying from 2 cps in sandy zones to 10 cps in some clay bands. It was also hoped that drilling straddling a roughly north-south trend, well marked by Quaternary gravels and thought to be related to faulting, would identify a sandy channel along the eastern side. No clearly discernable features of faulting or the expected sandy channel on the eastern margin were identified.

The final report (Envelope 2306) on the exploration program to the east of Mt McCallum concluded that the area of previous exploration closest to the current EL is largely unprospective, based on the following results:

1. No significant sand body equivalent to the host for the Beverly deposit was found
2. All radioactive anomalies are weak
3. No uraniferous environment in adjacent basement
4. All water samples have low uranium content
5. No tectonic traps identified in area

#### **4.3 EL 3427 - Mt Morris**

There is no record of uranium exploration within the boundaries of the Mt McCallum licence. The closest record of uranium geochemistry occurs ~20 km to the east at Evans Prospect, where a limited number of uranium assays reported a maximum of 13 ppm by ICP-MS.

### **5. CURRENT EXPLORATION ACTIVITIES**

#### **5.1 EL 3469 - Mt Roebuck**

Exploration activities in 2006 within EL 3469 included a review of historical literature to evaluate the extent of previous exploration within and surrounding the EL and follow up reconnaissance fieldwork. Localities for reconnaissance fieldwork were selected after an evaluation of previous exploration and investigation of regional radiometric, TMI and TMI-1vd imagery.

### *Mt Roebuck North*

Within the northern portion of the EL, fieldwork concentrated on diapiric sediments of the Curdimurka Subgroup located within Nantawarrina Station. Access was possible via existing station tracks.

Investigations focused on a radiometric traverse over areas of low level anomalous uranium within the Curdimurka Subgroup sediments (Figure 5) associated with a distinctive underlying TMI anomaly (Figure 6). The area was examined for changes in response related to variations in the degree of weathering and induration and landscape position. The area was also investigated for pyritic or carbonaceous units within the Curdimurka Subgroup that may have acted as potential traps for mobilised uranium.

The radiometric traverse crossed a range of lithologies including dolomites, carbonate-rich siltstones and the Curdimurka Subgroup siltstones with thin interbedded quartzites. Radiometric responses were quite low with a maximum of 140 cps recorded within a localised 2+ m wide zone within a quartzite unit. Minor zones of more intense weathering with pseudomorphs after sulphides were observed within the Curdimurka Subgroup; however no discernible increase in radiometric response was present with these or with zones of ferruginisation.

Subtle landscape effects on radiometrics were observed due to landscape variation. This effect was most noticeable due a major drainage line cross cutting the transect.

No significant pyritic or carbonaceous zones were observed along the radiometric transect or during subsequent investigations within the surrounding area.

### *Mt Roebuck South*

Within the southern portion of the licence area, fieldwork focused on the sedimentary cover within the intramontane basin, pyrite/carbonaceous hosted uranium within the Brachina Formation hills along the western boundary of the EL, or fault transported uranium along an interpreted fault running NNE between the hills and the basin.

Investigation of the basin sediments relied on extrapolation from cross-sections generated by previous exploration to the east of the sub-basin, investigation of the nature of modern stream sediments and examination of creek sections. Based on the previous exploration, the sediments within the Frome Embayment closest to the Mt Roebuck EL consist of clay-dominated packages with minor thin discontinuous sands. Examination of modern stream loads revealed clay and lithic fragment-dominated sediments with quartzose sands completely absent. This observation seems consistent with the composition of the upstream lithologies. Although there is some suggestion that late Mesozoic – Palaeogene sedimentation adjacent to the Flinders Ranges was sandier, with a transition to clay and lithic fragments dominance during the Neogene, the nature of the potential source rocks and the clay-silt dominant sedimentation within the Frome Embayment east of Mt Roebuck may preclude this on the local scale.

Discussions with local landholders revealed that sand units are almost never encountered whilst drilling water bores, and supports the interpretation of a clay dominated sedimentary package within the basin. It was also suggested that the basin may be relatively shallow, with a thickening of sediments from the west to the east. The apparent palaeochannels within TMI imagery (Figures 4 and 7) for this area do not appear to be due to modern landscape effects and are most likely related to the deposition of maghemite within the clay dominated channel sediments.

To further investigate the chemical nature of the basin sediments and to elucidate the base metal and uranium potential of the basin, a first pass biogeochemical survey (Figure 7) was carried out, with 10 samples of Prickly Wattle leaves (*Acacia victoriae*), and 2 samples of *Eremophila duttonii* twigs collected. Samples were milled at Adelaide University and submitted with duplicates to Acme laboratories in Canada for analysis using the 1VE-MS scheme for ICP-MS analysis. Assay results from the biogeochemical survey identified no significant uranium or base metal mineralisation related to magnetic features within the basin.

A radiometric traverse over a TMI feature related to range-front faulting between the Brachina Formation hills and the sedimentary cover was carried out in an attempt to identify fault mobilised uranium within the area. In general the radiometric responses of both the bedrock and sedimentary cover along the transect are very low, with a maximum of 102 cps recorded. No direct field evidence of fault position or uraniferous minerals was observed along the transect, nor in subsequent investigation at other localities along the range-front. The presence of erosional benches of slightly weathered Brachina Formation siltstones on the basin side of the hills, indicative of two or more phases of uplift; would suggest the fault position to be slightly east of a distinctive TMI feature fronting the ranges.

Investigation of the hills of Brachina Formation siltstones for carbonaceous or pyritic zones that may act as potential hosts for mobilised uranium was also unsuccessful, with no evidence of either observed along a radiometric traverse and in other areas visited.

## **5.2 EL 3349 - Mt McCallum**

Exploration within Mt McCallum EL included a review of historic literature to evaluate the extent of previous exploration within and surrounding the EL, and follow up reconnaissance fieldwork. Localities for reconnaissance fieldwork were selected after an evaluation of the previous exploration and investigation of regional radiometric, TMI and TMI-1vd imagery.

Analysis of radiometric imagery covering the licence area identified slightly elevated uranium (Figure 11), Th and K responses within the Tapley Hill Formation and Merinjina Tillite, with evidence of dispersion into the topographically lower Cainozoic Pooraka Formation sediments. Ground based radiometric surveys over the Tapley Hill Formation and Merinjina Tillite indicated low levels of radioactivity, with a maximum of 115 cps and a mean count of 80 cps. Responses of >100 cps were associated with up to boulder

sized clasts of granitic porphyry within the Merinjina Tillite, with cps dropping as soon as the instrument was moved away from the clasts.

Analysis of TMI and TMI-1vd imagery (Figure 12) indicated a possible fault zone between the range-front in the west and the plains in the east of the licence area. Radiometric and geological investigation along a number of transects over significant magnetic features was carried out with the aim of identifying localised fault structures and potential fault mobilised uranium. Radiometric responses were quite low along these transects, with an average of 40 cps and a maximum of 55 cps. No direct evidence of block faulting was observed within the EL.

Field investigation into the nature of the sedimentary cover in the eastern portion of the EL indicates relatively thin cover, dominated by calc silts and clays, and lithic fragments. Sub-cropping moderately weathered dolomitic limestones are exposed in some drainage depression and are related to a low angle erosional plain extending out from the range front, with distinctive Silver Mallee (*Eucalyptus gillii*), and minor zones of Fe induration present in low hills flanking the ranges.

Due to failure of the GPS unit, no coordinates were recorded by the GeoGAMMA instrument for the ground radiometric surveys carried out in this EL.

### **5.3 EL 3427 - Mt Morris**

Exploration in 2006 within the Mt Morris tenement included a review of historic literature, to determine if any uranium exploration had been carried out within and surrounding the licence area, and follow up reconnaissance fieldwork. Due to a lack of previous uranium exploration within or close to the EL, localities for reconnaissance fieldwork were selected after an investigation of regional radiometric, TMI and TMI-1vd imagery.

The radiometrics imagery highlighted low level elevated uranium, largely within the Tapley Hill Formation (Figure 15), with dispersion into some areas of Pooraka Formation in the south and east of the EL. There appears to be no clear association with locally elevated uranium and magnetic features within the TMI imagery.

It was proposed to carry out two ground radiometric transects over low hills of Tapley Hill Formation. Due to instrument difficulties with the GeoGAMMA v2.1d scintillometer, only one transect was completed. The results of that transect were disappointing, with a maximum of 90 cps and an average of 68 cps recorded over Tapley Hill Formation sediments. Field investigations at a number of localities within the EL failed to identify pyritic or carbonaceous layers within the Tapley Hill Formation, which may have acted as trap sites for mobile uranium.



## **6. CONCLUSIONS AND RECOMMENDATIONS**

No uranium occurrences were found to be associated with the airborne radiometric anomalies over Neoproterozoic sediments of the three licence areas examined.

### **6.1 EL 3469 - Mt Roebuck**

Based on the low radiometric responses and lack of significant zones of pyritic or carbonaceous units within the lithologies investigated in the bedrock dominated portions of the EL, the potential for bedrock hosted uranium mineralisation seems low.

The lack of significantly uranium enriched source rocks within the catchments of the drainage systems feeding into the sedimentary basin in the south and the clay dominated nature of the sediments indicate the potential for sedimentary uranium within the south of the EL is low.

Results from a first pass biogeochemical survey targeting magnetic features within the relatively shallow basin sediments were unable to identify significant uranium or base metal mineralisation. The Mt Roebuck EL should be relinquished in the absence of any as yet untested exploration model.

### **6.2 EL 3349 - Mt McCallum**

Based on the low radiometric responses observed within the Merinjina Tillite and the rapid drop in cps immediately adjacent to granitic porphyry clasts, it is evident that the slightly elevated radiometric response observed within the Tillite in regional imagery is related to the profusion of granitic clasts and not the precipitation of any early mobilised uranium from the uraniferous Mt Painter complex to the NW.

The shallow nature of the sedimentary cover in the eastern portions of the EL, combined with the lack of channel like structures within TMI imagery, would indicate no potential for palaeochannel hosted uranium within this EL.

The lack of significant variation in radiometric response in areas of subcrop to shallow cover over magnetic features thought to be associated with faulting would also seem to preclude fault mobilised uranium along the range within this EL.

### **6.3 EL 3427 - Mt Morris**

Due to the low level radiometric responses within regional imagery and ground surveys, and the lack of potential traps for mobilised uranium, the potential for the Mt Morris EL to host significant uranium mineralisation appears low.

## 7. REFERENCES

- Envelope 997: Reports on Special Mining Lease No 217, Flinders Ranges, SA, 1968-1969. Electrolytic Zinc Company of Australia Ltd and Newmont Pty Ltd. South Australia, Department of Primary Industries and Resources. Open file Envelope, 00997.
- Envelope 1104: Report on Special Mining Lease No 217A, Flinders Ranges, SA, 1969. Electrolytic Zinc Company of Australia Ltd. South Australia, Department of Primary Industries and Resources. Open file Envelope, 01104.
- Envelope 1508: Report on SML 465, 1970-1971. Mines Administration Pty Ltd. South Australia, Department of Primary Industries and Resources. Open file Envelope, 01508.
- Envelope 1643: Wertaloona. Progress and final reports for the period 1/4/1971 to 31/3/1972. Mines Administration Pty Ltd; Teton Exploration Drilling Co. Ltd. South Australia, Department of Primary Industries and Resources. Open file Envelope, 01643.
- Envelope 8311: Mount Roebuck EL 2649. Progress and final reports to licence surrender for the period 28/3/90 to 29/10/91. CRA Exploration Pty Ltd. PIRSA Envelope 8311. South Australia, Department of Primary Industries and Resources. Open file Envelope, 08311.
- Envelope 2082: Wertaloona. Progress reports for the period 1/4/1972 to 31/3/1973 – SML 686. Mines Administration Pty Ltd; Teton Exploration Drilling Co. Ltd; Afmeco Pty Ltd. South Australia, Department of Primary Industries and Resources. Open file Envelope, 02082.
- Envelope 2306: Wertaloona. Progress reports for the period 1/7/1973 to 16/6/1975 – EL 68. Mines Administration Pty Ltd; Teton Exploration Drilling Co. Ltd; Afmeco Pty Ltd. South Australia, Department of Primary Industries and Resources. Open file Envelope, 02306.

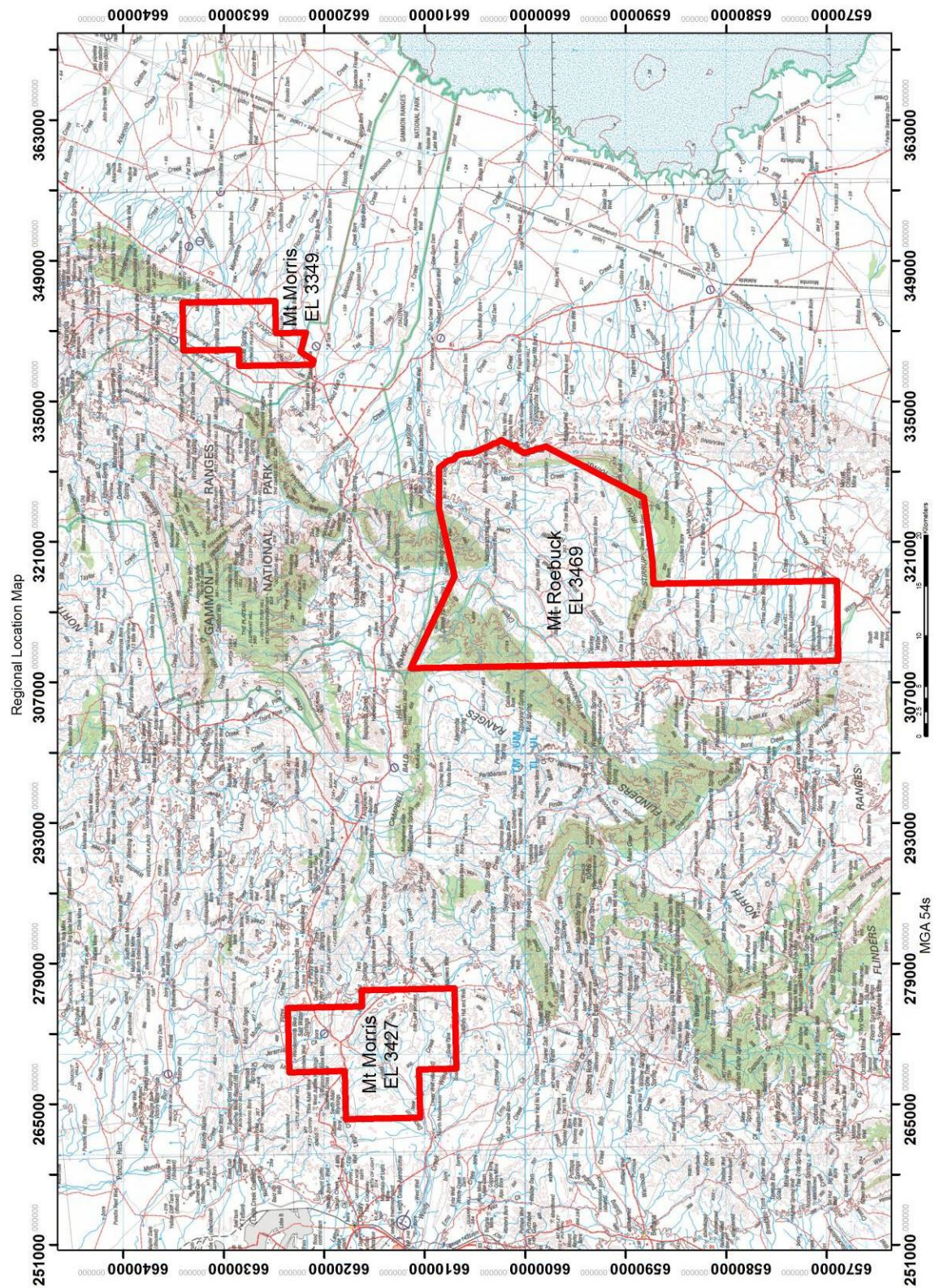


Figure1. Regional location map of Flinders Ranges Project exploration licences



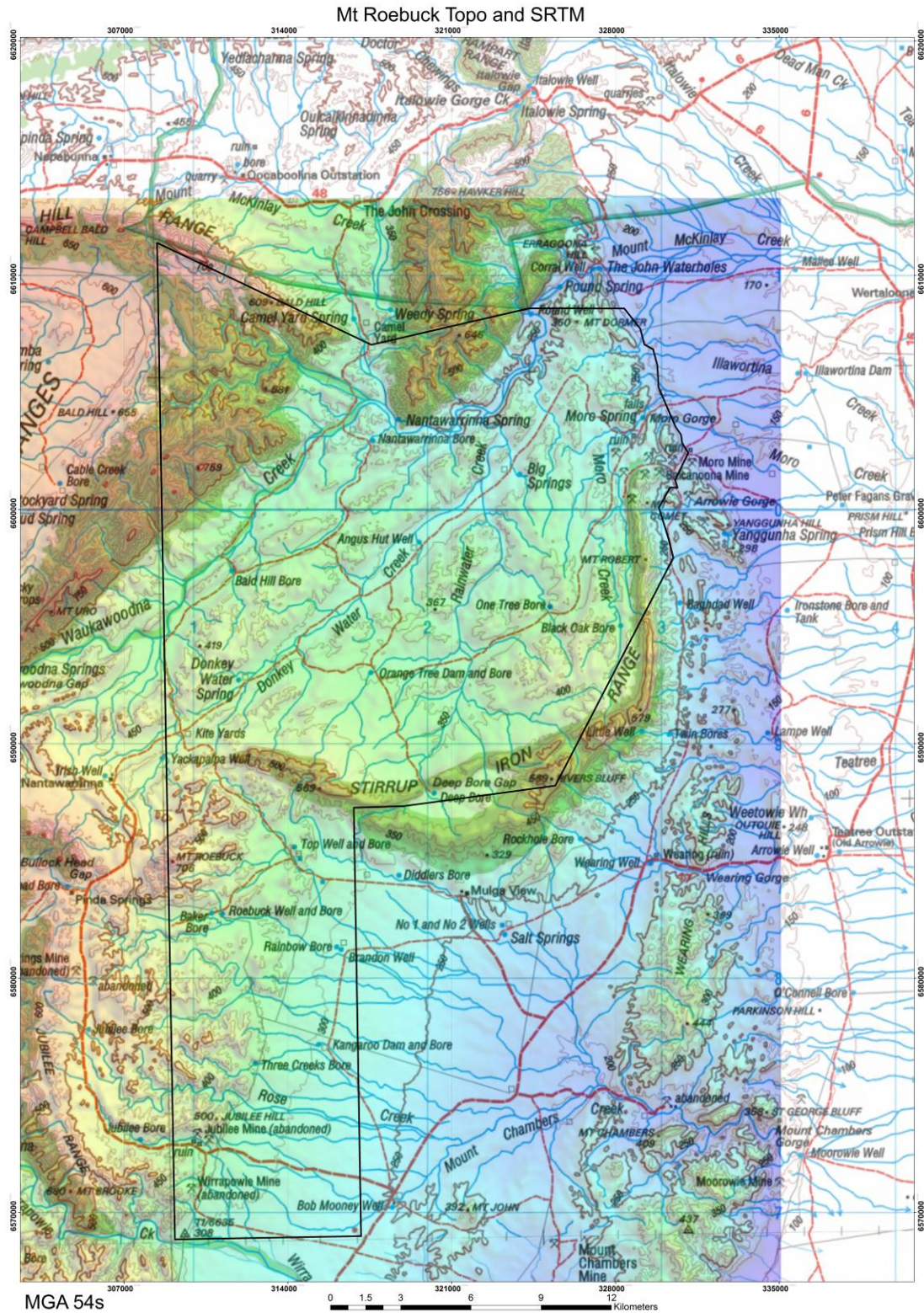


Figure 2. Mt Roebuck EL, with topographic map and SRTM.



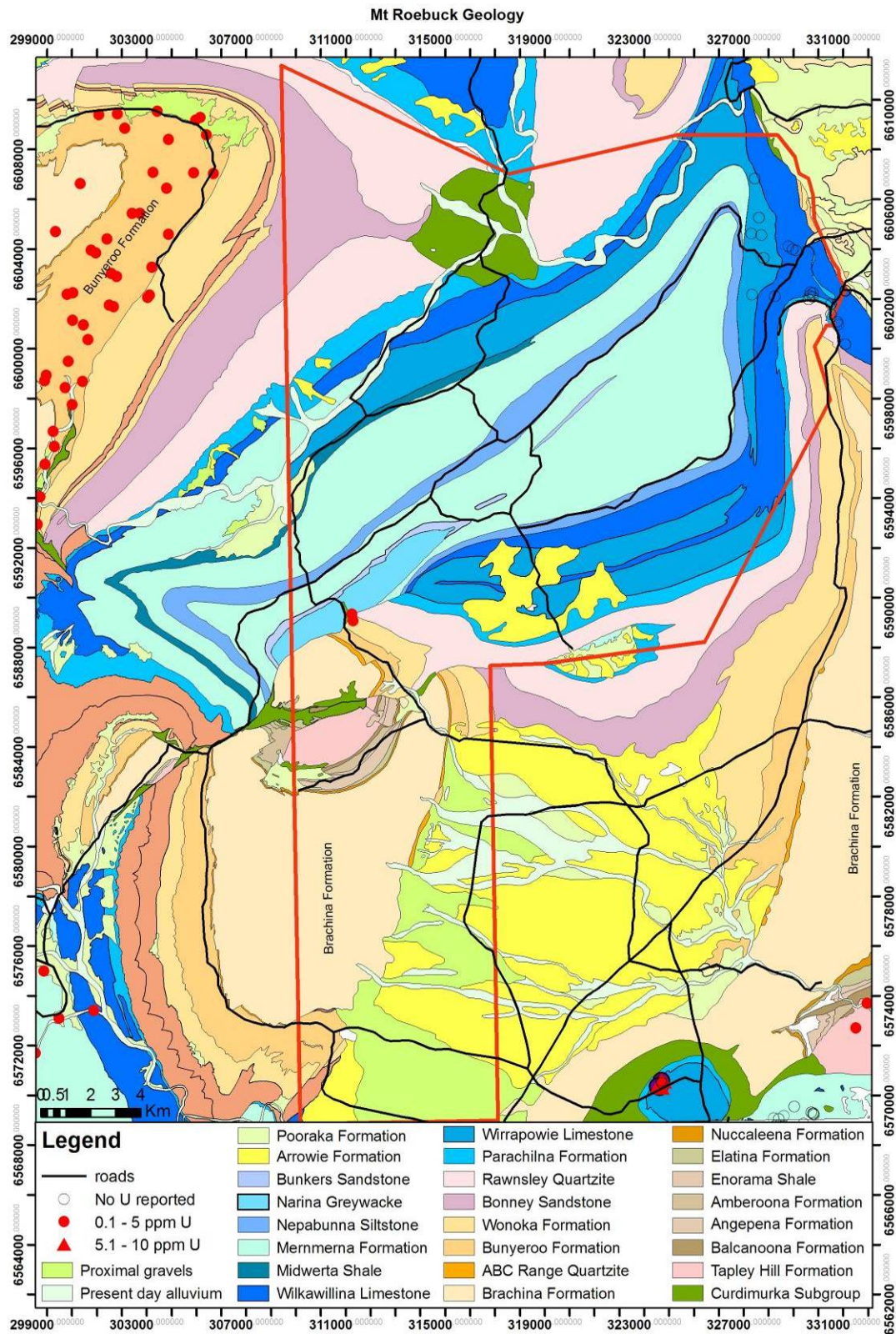


Figure 3. Mt Roebuck geology, with EL boundary and roads

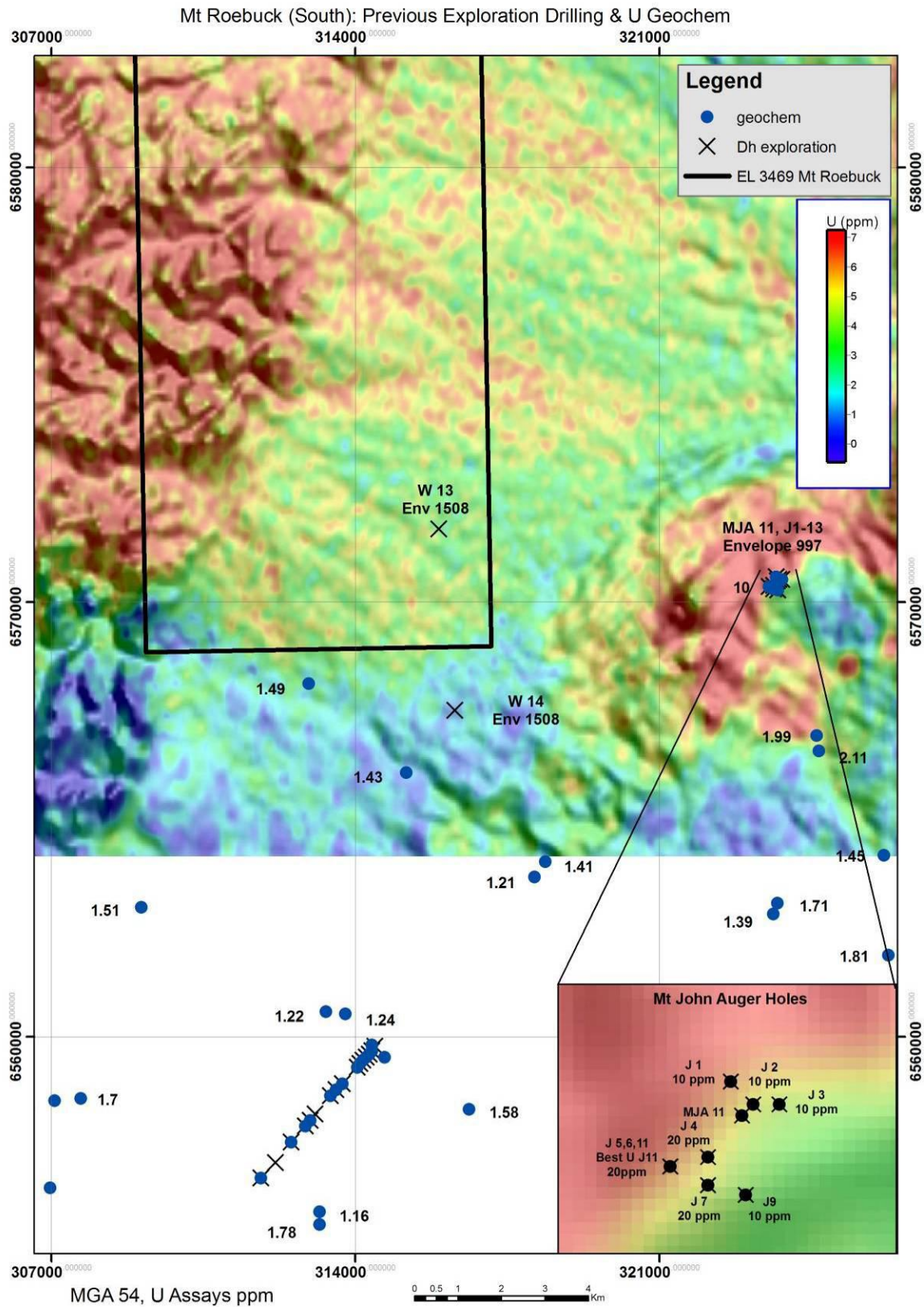


Figure 4. Previous drilling and uranium assays near the southern boundary of the Mt Roebuck EL on uranium radiometrics



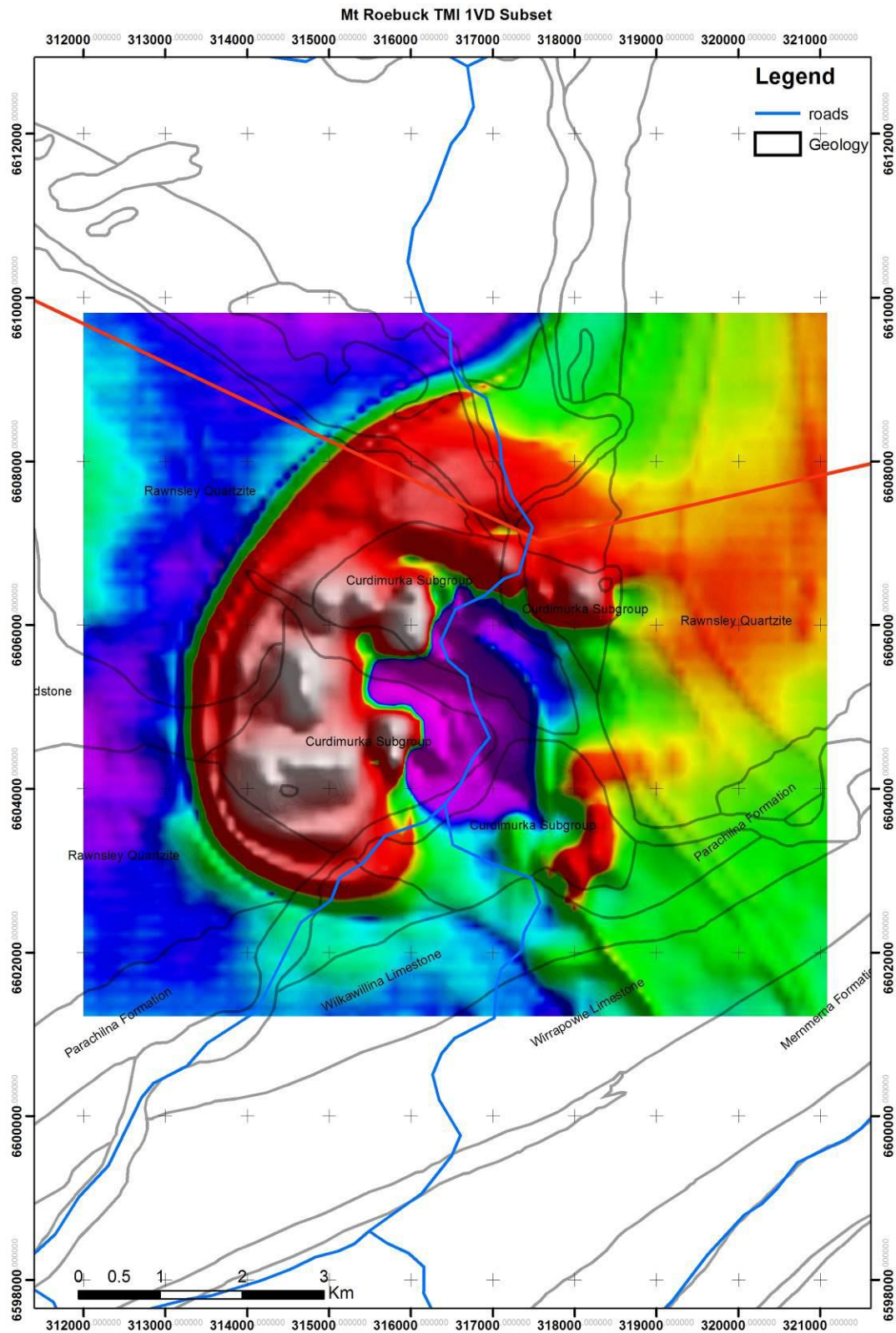


Figure 5. Mt Roebuck north TMI 1vd anomaly underlying Curdimurka Subgroup

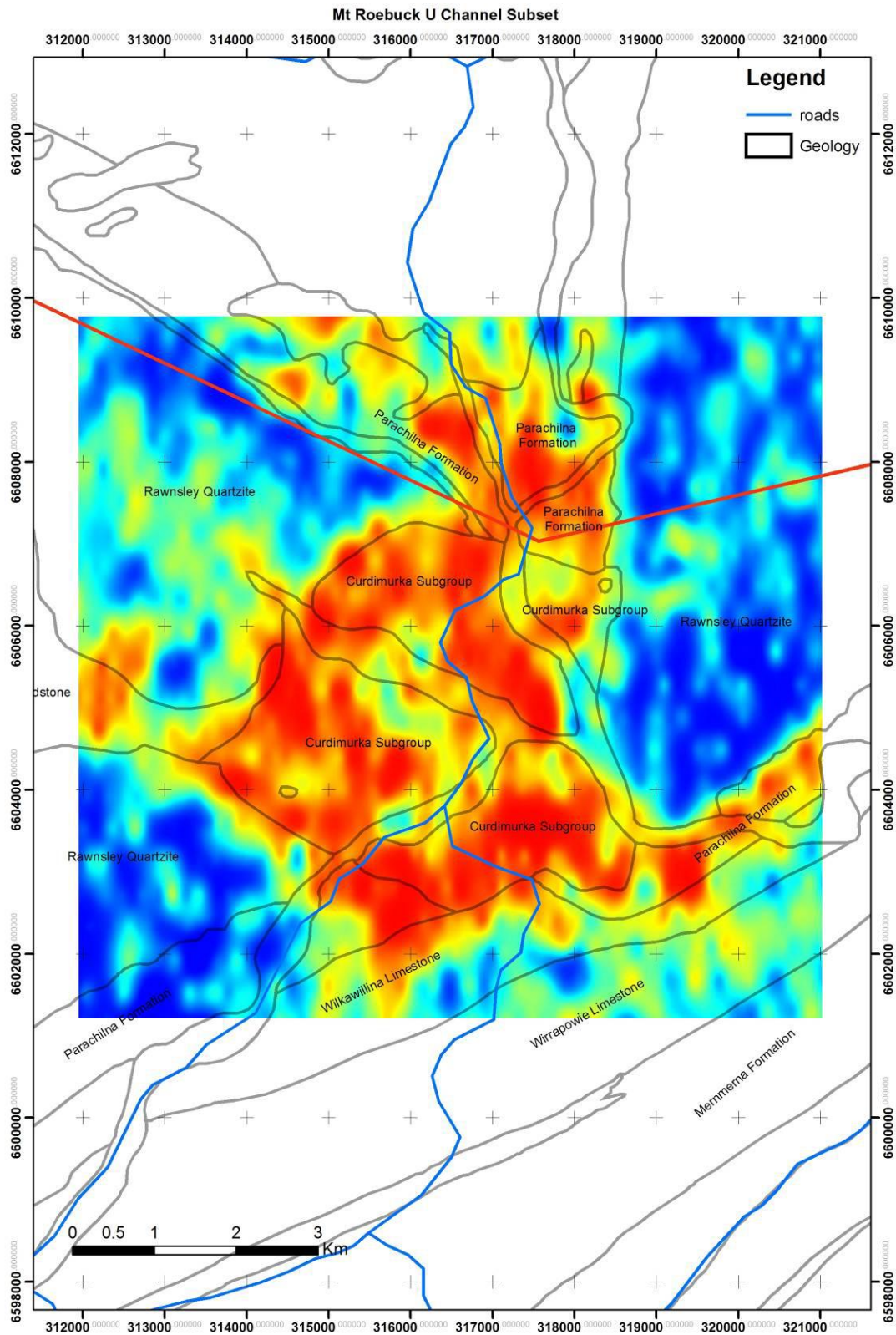


Figure 6. Mt Roebuck North - low level U anomaly, Curdimurka Subgroup



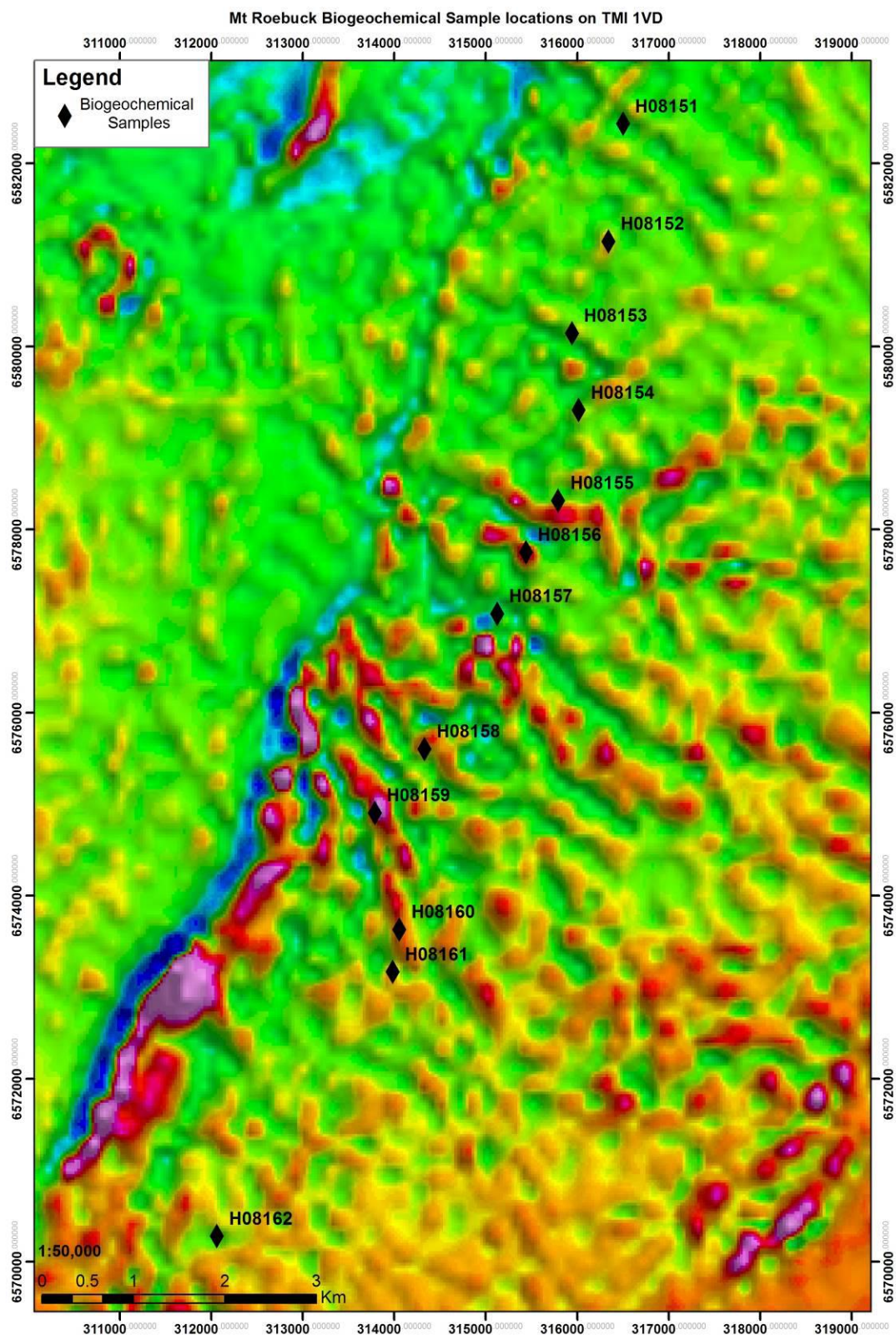


Figure 7. Mt Roebuck South - biogeochemical sample locations on TMI 1vd

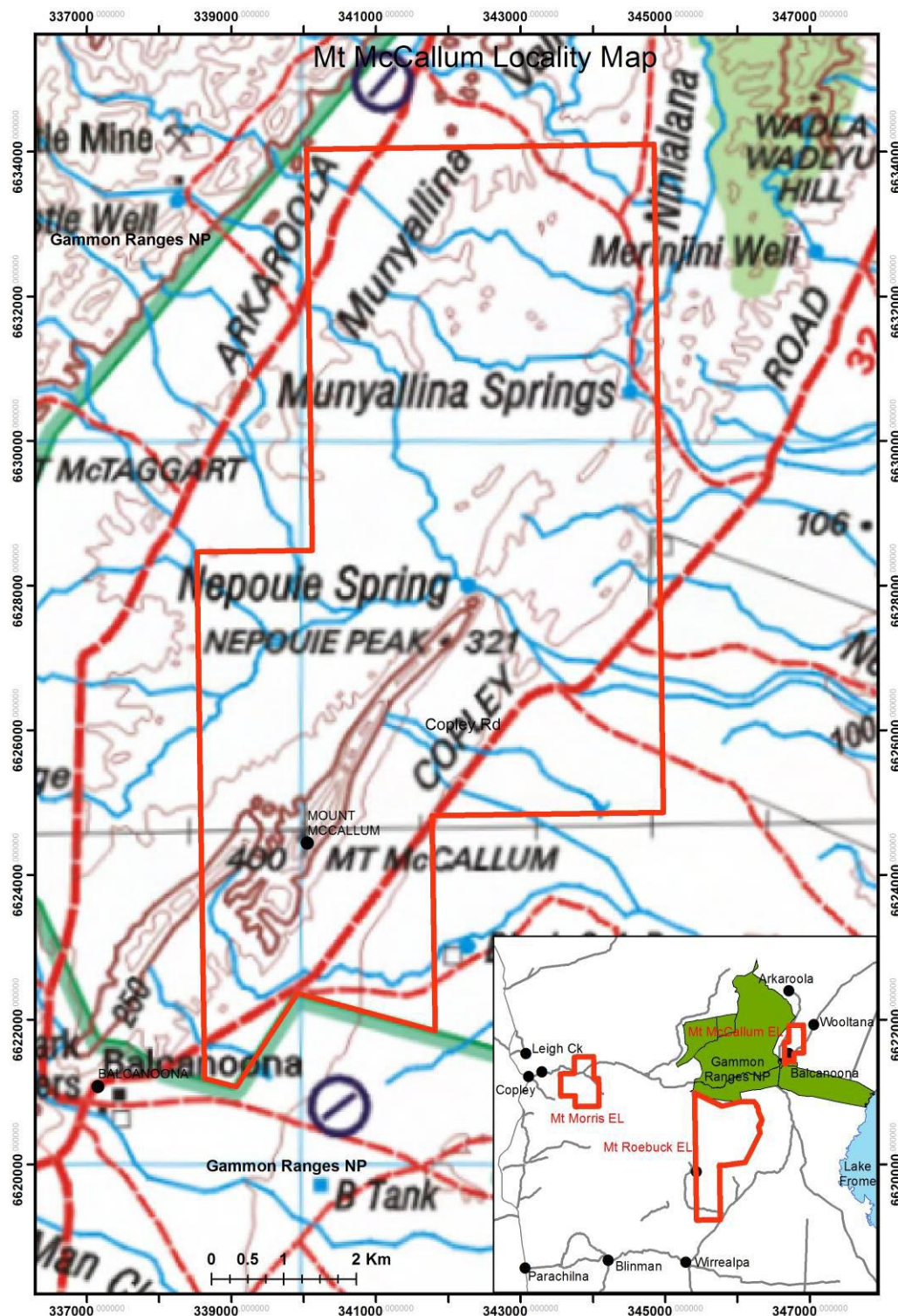


Figure 8. Mt McCallum locality map



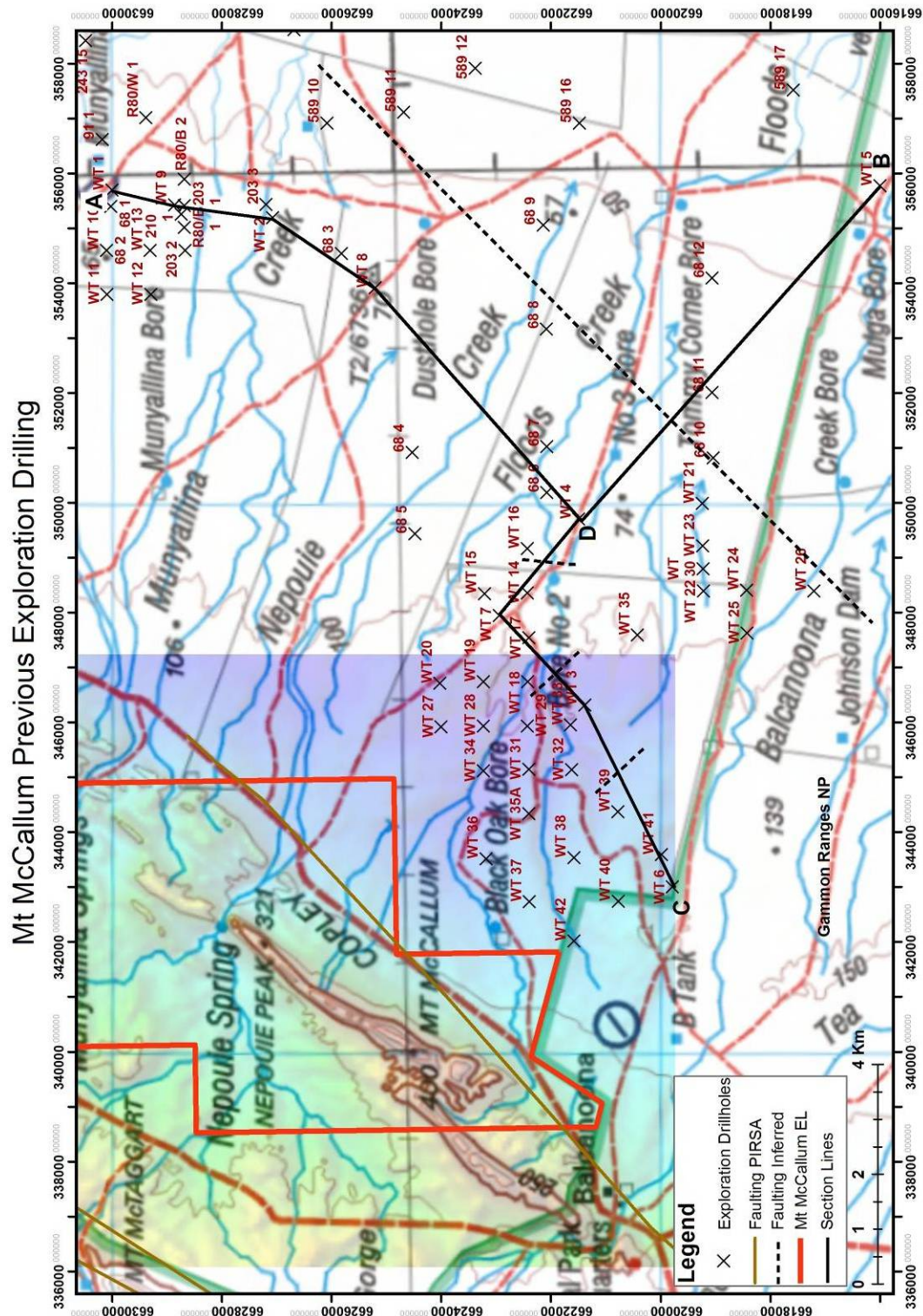
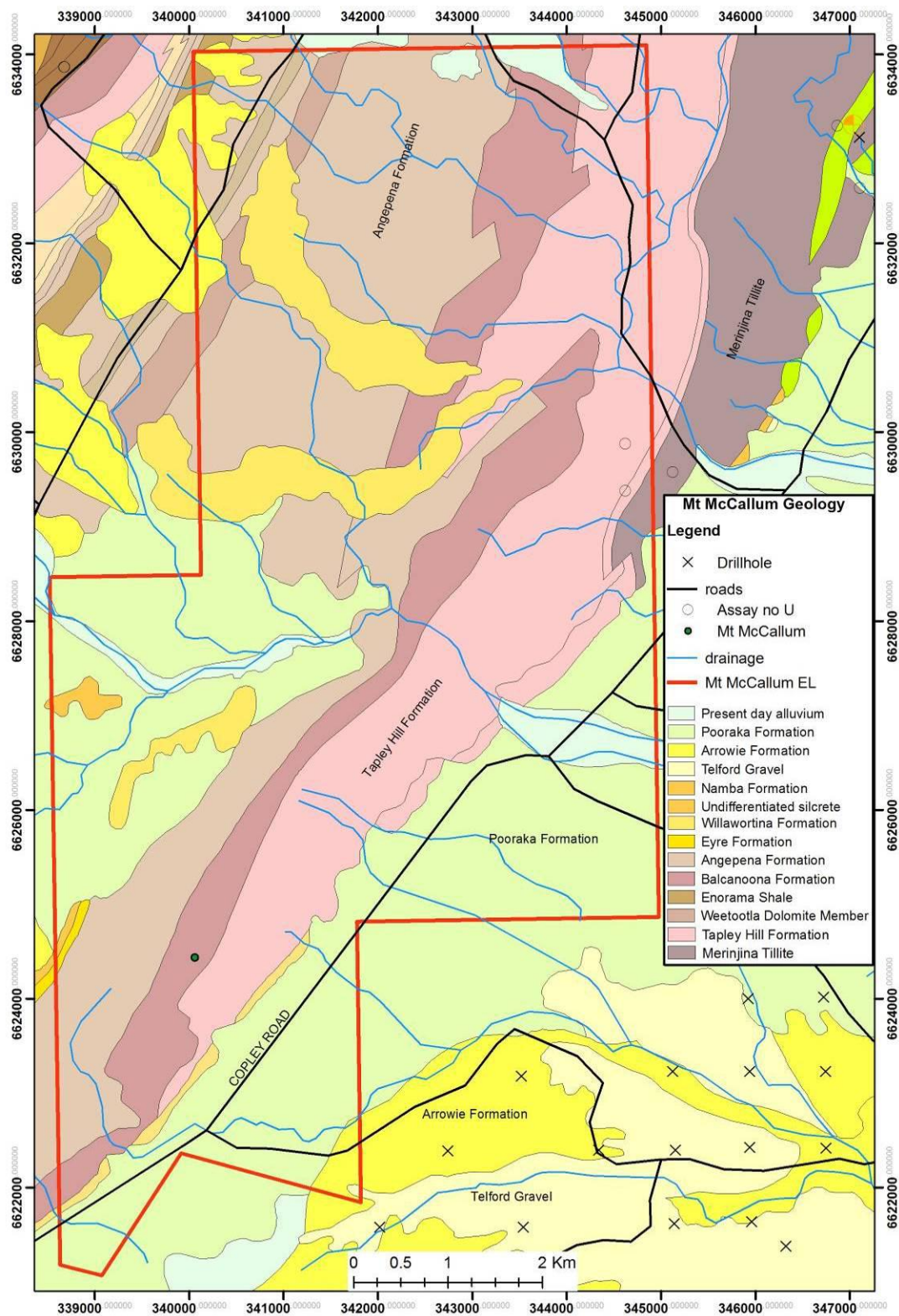


Figure 9. Previous exploration drilling east of Mt McCallum licence area





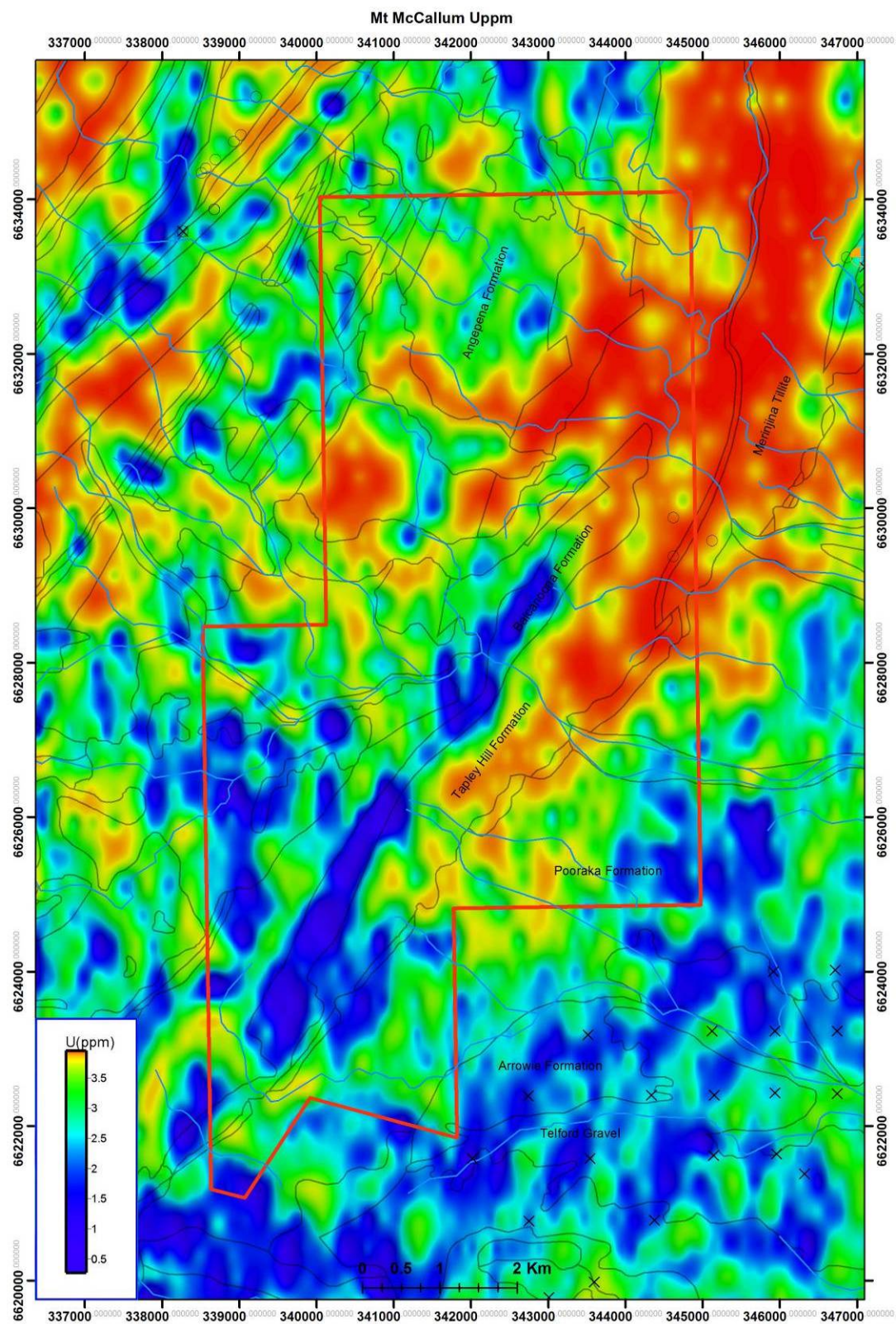


Figure 11. Mt McCallum regional uranium radiometrics



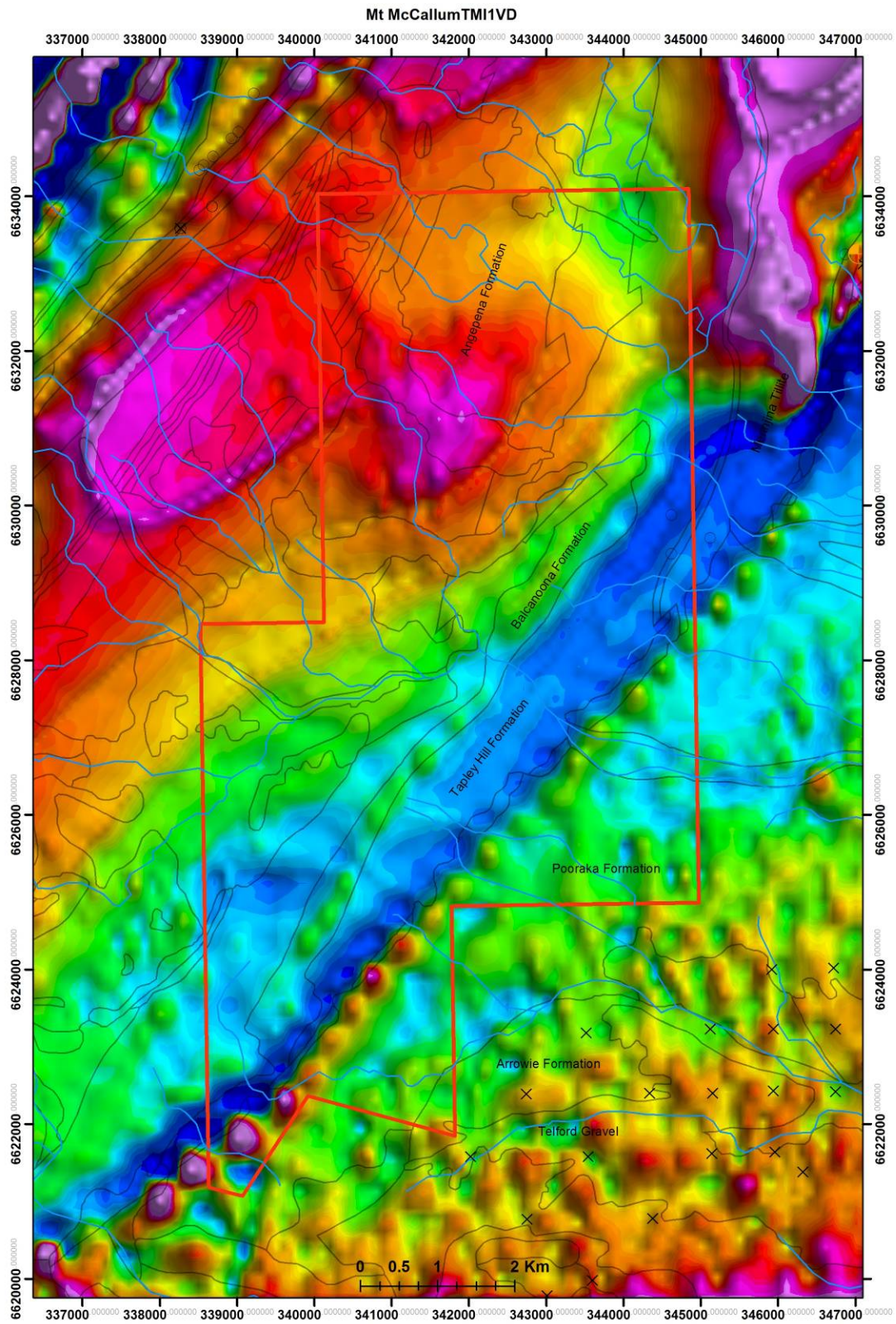


Figure 12. Mt McCallum TMI 1vd image with interpreted NE striking range bounding fault



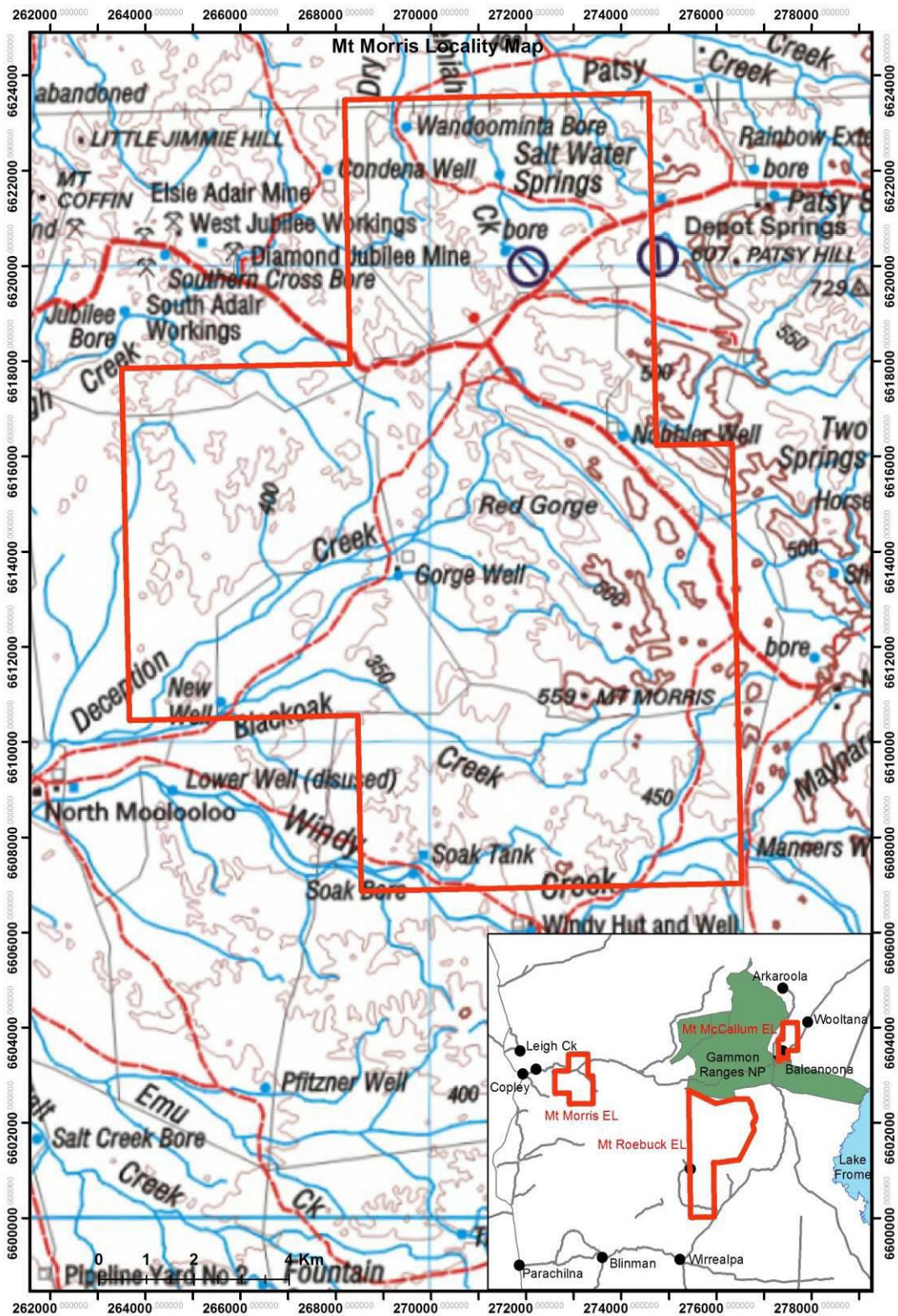


Figure 13. Mt Morris locality map

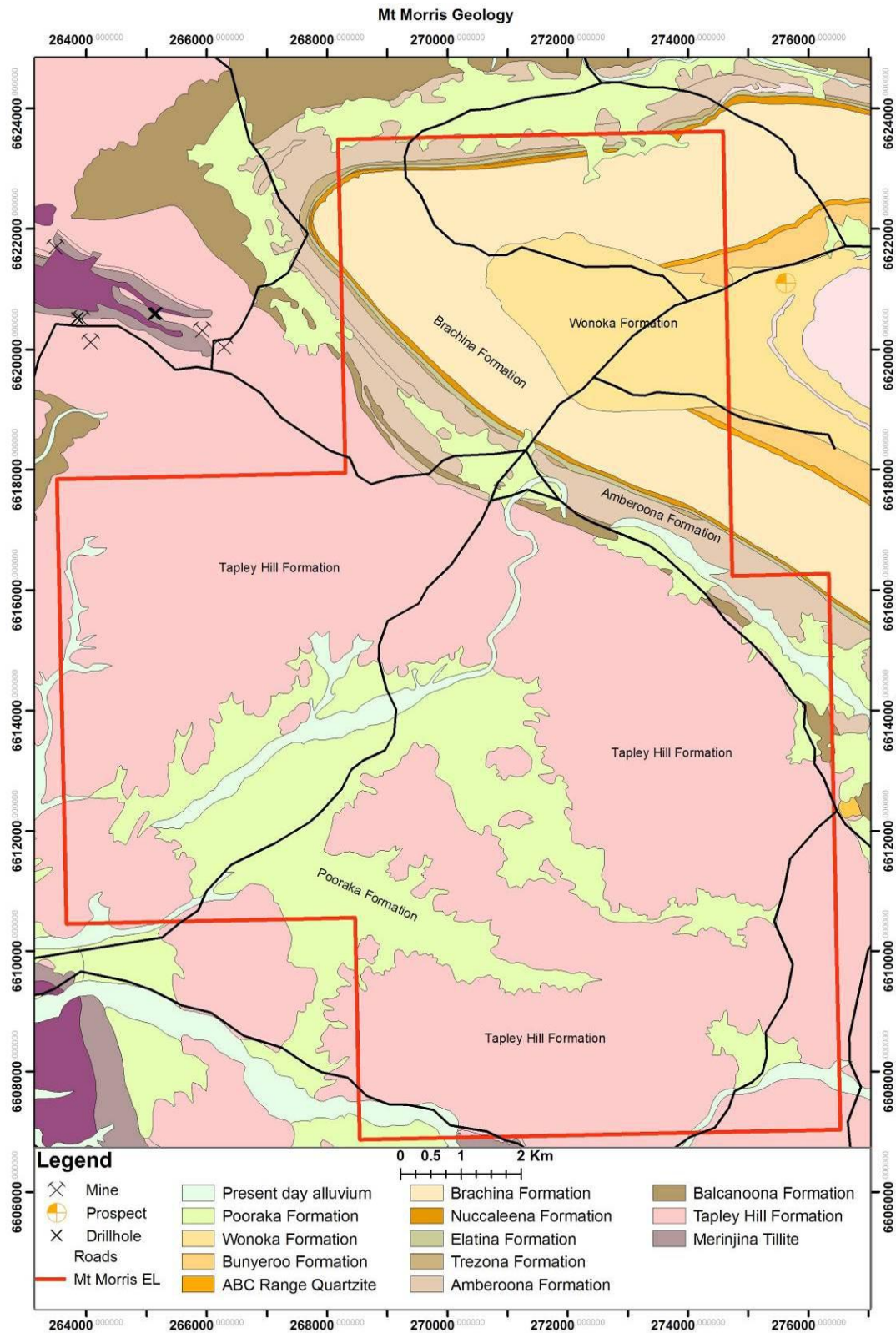


Figure 14. Mt Morris geology



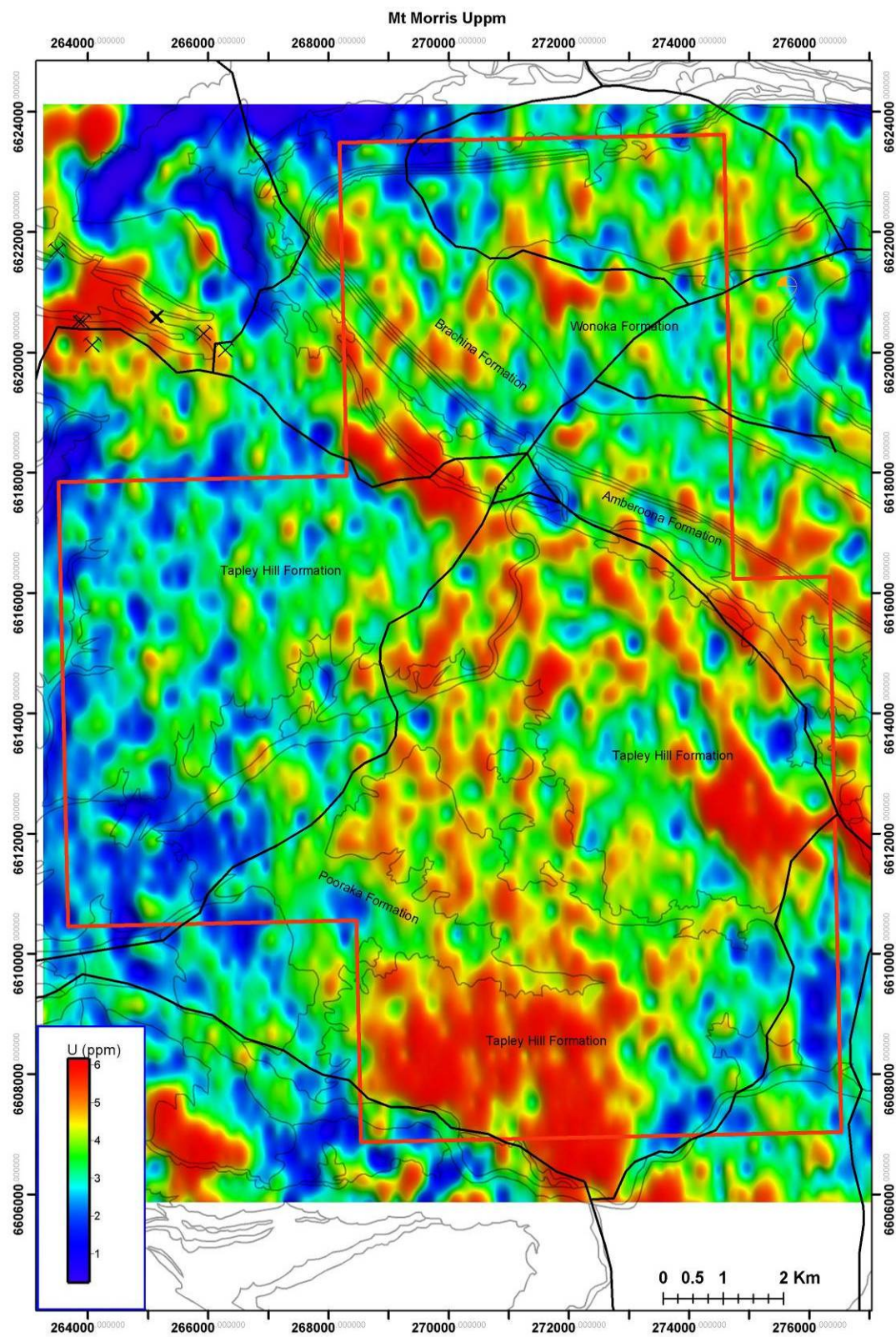


Figure 15. Mt Morris regional uranium radiometrics



## **APPENDIX 1**

### **Mt Roebuck ground radiometric traverse 1**

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 1

|       |                                |                             |               |               |               |
|-------|--------------------------------|-----------------------------|---------------|---------------|---------------|
| H0002 | Version                        | 3                           |               |               |               |
| H0003 | Date_generated                 | 12-Oct-06                   |               |               |               |
| H0004 | Reporting_period_end_date      | 31-Dec-06                   |               |               |               |
| H0005 | State                          | SA                          |               |               |               |
| H0100 | Tenement_no                    | EL 3469                     |               |               |               |
| H0101 | Tenement_holder                | Hindmarsh Resources Limited |               |               |               |
| H0102 | Project_name                   | Mt Roebuck                  |               |               |               |
| H0106 | Tenement_operator              | Hindmarsh Resources Limited |               |               |               |
| H0150 | 250K_map_sheet_number          | SH 5409                     |               |               |               |
| H0151 | 100K_map_sheet_number          | 6736                        |               |               |               |
| H0200 | Start_date_of_data_acquisition | 23_November_2006            |               |               |               |
| H0201 | End_date_of_data_acquisition   | 23_November_2006            |               |               |               |
| H0202 | Template_format                |                             |               |               |               |
| H0203 | Number_of_data_records         | 448                         |               |               |               |
| H0204 | Date_of_metadata_update        | 16-Apr-07                   |               |               |               |
| H0500 | Feature_code                   |                             |               |               |               |
| H0501 | Geodetic_datum                 | WGS84                       |               |               |               |
| H0502 | Vertical_datum                 | AHD                         |               |               |               |
| H0503 | Projection                     | Transverse Mercator         |               |               |               |
| H0530 | Coordinate_system              | GDA94                       |               |               |               |
| H0531 | Projection_zone                | 54                          |               |               |               |
| H0532 | Surveying_instrument           | Auslog GeoGAMMA v2.1        |               |               |               |
| Time  | Date                           | Counts Per Second           | Sample Period | Longitude     | Latitude      |
|       | 11:43:13 AM 11/23/2006         | 51                          | 1             | 139°5.7180" E | 30°41.5335" S |
|       | 11:43:14 AM 11/23/2006         | 46                          | 1             | 139°5.7180" E | 30°41.5335" S |
|       | 11:43:16 AM 11/23/2006         | 61                          | 1             | 139°5.7183" E | 30°41.5345" S |
|       | 11:43:17 AM 11/23/2006         | 56                          | 1             | 139°5.7184" E | 30°41.5350" S |
|       | 11:43:18 AM 11/23/2006         | 47                          | 1             | 139°5.7184" E | 30°41.5350" S |
|       | 11:43:20 AM 11/23/2006         | 70                          | 1             | 139°5.7188" E | 30°41.5360" S |
|       | 11:43:23 AM 11/23/2006         | 44                          | 1             | 139°5.7189" E | 30°41.5365" S |
|       | 11:43:24 AM 11/23/2006         | 58                          | 1             | 139°5.7189" E | 30°41.5365" S |
|       | 11:43:26 AM 11/23/2006         | 52                          | 1             | 139°5.7194" E | 30°41.5385" S |
|       | 11:43:28 AM 11/23/2006         | 41                          | 1             | 139°5.7194" E | 30°41.5385" S |
|       | 11:43:32 AM 11/23/2006         | 44                          | 1             | 139°5.7193" E | 30°41.5410" S |
|       | 11:43:33 AM 11/23/2006         | 42                          | 1             | 139°5.7193" E | 30°41.5410" S |
|       | 11:43:35 AM 11/23/2006         | 35                          | 1             | 139°5.7191" E | 30°41.5420" S |
|       | 11:43:36 AM 11/23/2006         | 49                          | 1             | 139°5.7191" E | 30°41.5420" S |
|       | 11:43:38 AM 11/23/2006         | 31                          | 1             | 139°5.7191" E | 30°41.5420" S |
|       | 11:43:39 AM 11/23/2006         | 33                          | 1             | 139°5.7179" E | 30°41.5431" S |
|       | 11:43:40 AM 11/23/2006         | 30                          | 1             | 139°5.7179" E | 30°41.5431" S |
|       | 11:43:41 AM 11/23/2006         | 41                          | 1             | 139°5.7177" E | 30°41.5436" S |
|       | 11:43:45 AM 11/23/2006         | 43                          | 1             | 139°5.7176" E | 30°41.5435" S |
|       | 11:43:46 AM 11/23/2006         | 30                          | 1             | 139°5.7176" E | 30°41.5435" S |
|       | 11:43:48 AM 11/23/2006         | 34                          | 1             | 139°5.7181" E | 30°41.5436" S |
|       | 11:43:50 AM 11/23/2006         | 38                          | 1             | 139°5.7181" E | 30°41.5436" S |
|       | 11:43:53 AM 11/23/2006         | 34                          | 1             | 139°5.7181" E | 30°41.5436" S |
|       | 11:43:54 AM 11/23/2006         | 32                          | 1             | 139°5.7176" E | 30°41.5429" S |
|       | 11:43:55 AM 11/23/2006         | 34                          | 1             | 139°5.7176" E | 30°41.5429" S |
|       | 11:43:56 AM 11/23/2006         | 33                          | 1             | 139°5.7175" E | 30°41.5424" S |
|       | 11:43:58 AM 11/23/2006         | 38                          | 1             | 139°5.7175" E | 30°41.5424" S |
|       | 11:44:00 AM 11/23/2006         | 29                          | 1             | 139°5.7173" E | 30°41.5419" S |
|       | 11:44:01 AM 11/23/2006         | 31                          | 1             | 139°5.7173" E | 30°41.5419" S |
|       | 11:44:03 AM 11/23/2006         | 33                          | 1             | 139°5.7173" E | 30°41.5416" S |
|       | 11:44:05 AM 11/23/2006         | 35                          | 1             | 139°5.7173" E | 30°41.5416" S |
|       | 11:44:06 AM 11/23/2006         | 37                          | 1             | 139°5.7173" E | 30°41.5416" S |
|       | 11:44:08 AM 11/23/2006         | 44                          | 1             | 139°5.7179" E | 30°41.5417" S |
|       | 11:44:09 AM 11/23/2006         | 36                          | 1             | 139°5.7179" E | 30°41.5417" S |
|       | 11:44:10 AM 11/23/2006         | 20                          | 1             | 139°5.7178" E | 30°41.5417" S |
|       | 11:44:12 AM 11/23/2006         | 34                          | 1             | 139°5.7178" E | 30°41.5417" S |
|       | 11:44:13 AM 11/23/2006         | 35                          | 1             | 139°5.7171" E | 30°41.5416" S |
|       | 11:44:14 AM 11/23/2006         | 27                          | 1             | 139°5.7171" E | 30°41.5416" S |
|       | 11:44:17 AM 11/23/2006         | 36                          | 1             | 139°5.7174" E | 30°41.5414" S |
|       | 11:44:19 AM 11/23/2006         | 43                          | 1             | 139°5.7172" E | 30°41.5408" S |
|       | 11:44:20 AM 11/23/2006         | 46                          | 1             | 139°5.7172" E | 30°41.5408" S |
|       | 11:44:20 AM 11/23/2006         | 49                          | 1             | 139°5.7172" E | 30°41.5408" S |
|       | 11:44:22 AM 11/23/2006         | 41                          | 1             | 139°5.7168" E | 30°41.5402" S |
|       | 11:44:23 AM 11/23/2006         | 50                          | 1             | 139°5.7164" E | 30°41.5395" S |
|       | 11:44:23 AM 11/23/2006         | 44                          | 1             | 139°5.7163" E | 30°41.5391" S |
|       | 11:44:25 AM 11/23/2006         | 36                          | 1             | 139°5.7161" E | 30°41.5386" S |
|       | 11:44:28 AM 11/23/2006         | 38                          | 1             | 139°5.7159" E | 30°41.5377" S |
|       | 11:44:29 AM 11/23/2006         | 51                          | 1             | 139°5.7159" E | 30°41.5377" S |
|       | 11:44:31 AM 11/23/2006         | 52                          | 1             | 139°5.7159" E | 30°41.5377" S |
|       | 11:44:32 AM 11/23/2006         | 41                          | 1             | 139°5.7159" E | 30°41.5377" S |
|       | 11:44:33 AM 11/23/2006         | 49                          | 1             | 139°5.7150" E | 30°41.5330" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 1

|                        |    |                 |               |
|------------------------|----|-----------------|---------------|
| 11:44:35 AM 11/23/2006 | 47 | 1 139°5.7150" E | 30°41.5330" S |
| 11:44:36 AM 11/23/2006 | 42 | 1 139°5.7150" E | 30°41.5330" S |
| 11:44:38 AM 11/23/2006 | 42 | 1 139°5.7148" E | 30°41.5321" S |
| 11:44:39 AM 11/23/2006 | 62 | 1 139°5.7144" E | 30°41.5310" S |
| 11:44:40 AM 11/23/2006 | 41 | 1 139°5.7143" E | 30°41.5303" S |
| 11:44:41 AM 11/23/2006 | 45 | 1 139°5.7143" E | 30°41.5303" S |
| 11:44:43 AM 11/23/2006 | 49 | 1 139°5.7143" E | 30°41.5284" S |
| 11:44:44 AM 11/23/2006 | 33 | 1 139°5.7144" E | 30°41.5278" S |
| 11:44:45 AM 11/23/2006 | 31 | 1 139°5.7144" E | 30°41.5273" S |
| 11:44:46 AM 11/23/2006 | 42 | 1 139°5.7144" E | 30°41.5267" S |
| 11:44:48 AM 11/23/2006 | 65 | 1 139°5.7142" E | 30°41.5255" S |
| 11:44:48 AM 11/23/2006 | 40 | 1 139°5.7142" E | 30°41.5255" S |
| 11:44:49 AM 11/23/2006 | 46 | 1 139°5.7142" E | 30°41.5255" S |
| 11:44:50 AM 11/23/2006 | 47 | 1 139°5.7142" E | 30°41.5255" S |
| 11:44:52 AM 11/23/2006 | 37 | 1 139°5.7142" E | 30°41.5255" S |
| 11:44:53 AM 11/23/2006 | 57 | 1 139°5.7142" E | 30°41.5255" S |
| 11:44:54 AM 11/23/2006 | 55 | 1 139°5.7142" E | 30°41.5255" S |
| 11:44:56 AM 11/23/2006 | 62 | 1 139°5.7142" E | 30°41.5255" S |
| 11:44:58 AM 11/23/2006 | 50 | 1 139°5.7133" E | 30°41.5183" S |
| 11:44:59 AM 11/23/2006 | 54 | 1 139°5.7133" E | 30°41.5183" S |
| 11:45:00 AM 11/23/2006 | 60 | 1 139°5.7133" E | 30°41.5183" S |
| 11:45:00 AM 11/23/2006 | 72 | 1 139°5.7133" E | 30°41.5183" S |
| 11:45:02 AM 11/23/2006 | 60 | 1 139°5.7127" E | 30°41.5146" S |
| 11:45:03 AM 11/23/2006 | 65 | 1 139°5.7127" E | 30°41.5146" S |
| 11:45:04 AM 11/23/2006 | 52 | 1 139°5.7126" E | 30°41.5133" S |
| 11:45:05 AM 11/23/2006 | 59 | 1 139°5.7126" E | 30°41.5133" S |
| 11:45:07 AM 11/23/2006 | 82 | 1 139°5.7124" E | 30°41.5121" S |
| 11:45:08 AM 11/23/2006 | 57 | 1 139°5.7122" E | 30°41.5115" S |
| 11:45:09 AM 11/23/2006 | 75 | 1 139°5.7120" E | 30°41.5108" S |
| 11:45:10 AM 11/23/2006 | 62 | 1 139°5.7120" E | 30°41.5108" S |
| 11:45:11 AM 11/23/2006 | 62 | 1 139°5.7120" E | 30°41.5108" S |
| 11:45:13 AM 11/23/2006 | 60 | 1 139°5.7120" E | 30°41.5108" S |
| 11:45:15 AM 11/23/2006 | 59 | 1 139°5.7113" E | 30°41.5085" S |
| 11:45:17 AM 11/23/2006 | 70 | 1 139°5.7113" E | 30°41.5085" S |
| 11:45:18 AM 11/23/2006 | 69 | 1 139°5.7113" E | 30°41.5085" S |
| 11:45:26 AM 11/23/2006 | 66 | 1 139°5.7095" E | 30°41.4996" S |
| 11:45:27 AM 11/23/2006 | 75 | 1 139°5.7095" E | 30°41.4996" S |
| 11:45:28 AM 11/23/2006 | 59 | 1 139°5.7095" E | 30°41.4996" S |
| 11:45:31 AM 11/23/2006 | 60 | 1 139°5.7095" E | 30°41.4996" S |
| 11:45:32 AM 11/23/2006 | 56 | 1 139°5.7095" E | 30°41.4996" S |
| 11:45:34 AM 11/23/2006 | 61 | 1 139°5.7095" E | 30°41.4996" S |
| 11:45:52 AM 11/23/2006 | 56 | 1 139°5.7063" E | 30°41.4867" S |
| 11:45:53 AM 11/23/2006 | 67 | 1 139°5.7063" E | 30°41.4867" S |
| 11:45:53 AM 11/23/2006 | 67 | 1 139°5.7063" E | 30°41.4867" S |
| 11:45:54 AM 11/23/2006 | 57 | 1 139°5.7063" E | 30°41.4867" S |
| 11:45:55 AM 11/23/2006 | 56 | 1 139°5.7063" E | 30°41.4867" S |
| 11:45:58 AM 11/23/2006 | 57 | 1 139°5.7063" E | 30°41.4867" S |
| 11:45:59 AM 11/23/2006 | 50 | 1 139°5.7063" E | 30°41.4867" S |
| 11:46:02 AM 11/23/2006 | 68 | 1 139°5.7054" E | 30°41.4820" S |
| 11:46:03 AM 11/23/2006 | 48 | 1 139°5.7054" E | 30°41.4820" S |
| 11:46:07 AM 11/23/2006 | 57 | 1 139°5.7053" E | 30°41.4793" S |
| 11:46:08 AM 11/23/2006 | 57 | 1 139°5.7053" E | 30°41.4793" S |
| 11:46:09 AM 11/23/2006 | 60 | 1 139°5.7053" E | 30°41.4793" S |
| 11:46:10 AM 11/23/2006 | 66 | 1 139°5.7053" E | 30°41.4793" S |
| 11:46:13 AM 11/23/2006 | 59 | 1 139°5.7057" E | 30°41.4768" S |
| 11:46:14 AM 11/23/2006 | 53 | 1 139°5.7058" E | 30°41.4762" S |
| 11:46:17 AM 11/23/2006 | 41 | 1 139°5.7058" E | 30°41.4755" S |
| 11:46:23 AM 11/23/2006 | 40 | 1 139°5.7057" E | 30°41.4720" S |
| 11:47:36 AM 11/23/2006 | 74 | 1 139°5.6978" E | 30°41.4021" S |
| 11:47:37 AM 11/23/2006 | 88 | 1 139°5.6979" E | 30°41.4013" S |
| 11:47:39 AM 11/23/2006 | 66 | 1 139°5.6979" E | 30°41.4013" S |
| 11:47:40 AM 11/23/2006 | 77 | 1 139°5.6982" E | 30°41.3996" S |
| 11:47:43 AM 11/23/2006 | 79 | 1 139°5.6984" E | 30°41.3988" S |
| 11:47:44 AM 11/23/2006 | 81 | 1 139°5.6983" E | 30°41.3974" S |
| 11:47:45 AM 11/23/2006 | 69 | 1 139°5.6983" E | 30°41.3974" S |
| 11:47:47 AM 11/23/2006 | 80 | 1 139°5.6975" E | 30°41.3965" S |
| 11:47:48 AM 11/23/2006 | 72 | 1 139°5.6970" E | 30°41.3961" S |
| 11:47:50 AM 11/23/2006 | 84 | 1 139°5.6967" E | 30°41.3957" S |
| 11:47:51 AM 11/23/2006 | 78 | 1 139°5.6967" E | 30°41.3957" S |
| 11:47:52 AM 11/23/2006 | 95 | 1 139°5.6967" E | 30°41.3957" S |
| 11:47:54 AM 11/23/2006 | 79 | 1 139°5.6967" E | 30°41.3957" S |
| 11:47:56 AM 11/23/2006 | 78 | 1 139°5.6969" E | 30°41.3933" S |
| 11:47:57 AM 11/23/2006 | 77 | 1 139°5.6969" E | 30°41.3933" S |
| 11:47:58 AM 11/23/2006 | 89 | 1 139°5.6969" E | 30°41.3933" S |



# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 1

|                        |    |                 |               |
|------------------------|----|-----------------|---------------|
| 11:48:01 AM 11/23/2006 | 80 | 1 139°5.6971" E | 30°41.3911" S |
| 11:48:02 AM 11/23/2006 | 99 | 1 139°5.6971" E | 30°41.3911" S |
| 11:48:04 AM 11/23/2006 | 92 | 1 139°5.6972" E | 30°41.3902" S |
| 11:48:05 AM 11/23/2006 | 74 | 1 139°5.6973" E | 30°41.3896" S |
| 11:48:08 AM 11/23/2006 | 56 | 1 139°5.6973" E | 30°41.3896" S |
| 11:48:09 AM 11/23/2006 | 76 | 1 139°5.6973" E | 30°41.3883" S |
| 11:48:10 AM 11/23/2006 | 64 | 1 139°5.6973" E | 30°41.3883" S |
| 11:48:12 AM 11/23/2006 | 59 | 1 139°5.6958" E | 30°41.3876" S |
| 11:48:13 AM 11/23/2006 | 85 | 1 139°5.6958" E | 30°41.3871" S |
| 11:48:14 AM 11/23/2006 | 70 | 1 139°5.6960" E | 30°41.3866" S |
| 11:48:15 AM 11/23/2006 | 81 | 1 139°5.6961" E | 30°41.3861" S |
| 11:48:16 AM 11/23/2006 | 74 | 1 139°5.6961" E | 30°41.3861" S |
| 11:48:19 AM 11/23/2006 | 69 | 1 139°5.6959" E | 30°41.3854" S |
| 11:48:21 AM 11/23/2006 | 78 | 1 139°5.6958" E | 30°41.3844" S |
| 11:48:22 AM 11/23/2006 | 83 | 1 139°5.6958" E | 30°41.3844" S |
| 11:48:25 AM 11/23/2006 | 78 | 1 139°5.6958" E | 30°41.3844" S |
| 11:48:26 AM 11/23/2006 | 79 | 1 139°5.6958" E | 30°41.3844" S |
| 11:48:29 AM 11/23/2006 | 77 | 1 139°5.6958" E | 30°41.3844" S |
| 11:48:30 AM 11/23/2006 | 61 | 1 139°5.6958" E | 30°41.3844" S |
| 11:48:31 AM 11/23/2006 | 72 | 1 139°5.6951" E | 30°41.3802" S |
| 11:48:32 AM 11/23/2006 | 91 | 1 139°5.6951" E | 30°41.3802" S |
| 11:48:33 AM 11/23/2006 | 84 | 1 139°5.6951" E | 30°41.3789" S |
| 11:48:34 AM 11/23/2006 | 93 | 1 139°5.6951" E | 30°41.3789" S |
| 11:48:35 AM 11/23/2006 | 94 | 1 139°5.6951" E | 30°41.3789" S |
| 11:48:36 AM 11/23/2006 | 81 | 1 139°5.6949" E | 30°41.3778" S |
| 11:48:38 AM 11/23/2006 | 85 | 1 139°5.6945" E | 30°41.3759" S |
| 11:48:39 AM 11/23/2006 | 87 | 1 139°5.6945" E | 30°41.3759" S |
| 11:48:41 AM 11/23/2006 | 85 | 1 139°5.6944" E | 30°41.3745" S |
| 11:48:42 AM 11/23/2006 | 69 | 1 139°5.6944" E | 30°41.3745" S |
| 11:48:44 AM 11/23/2006 | 74 | 1 139°5.6944" E | 30°41.3745" S |
| 11:48:46 AM 11/23/2006 | 93 | 1 139°5.6944" E | 30°41.3745" S |
| 11:48:48 AM 11/23/2006 | 79 | 1 139°5.6958" E | 30°41.3701" S |
| 11:48:49 AM 11/23/2006 | 77 | 1 139°5.6957" E | 30°41.3697" S |
| 11:48:52 AM 11/23/2006 | 76 | 1 139°5.6951" E | 30°41.3690" S |
| 11:48:53 AM 11/23/2006 | 75 | 1 139°5.6944" E | 30°41.3684" S |
| 11:48:55 AM 11/23/2006 | 76 | 1 139°5.6941" E | 30°41.3681" S |
| 11:48:57 AM 11/23/2006 | 79 | 1 139°5.6941" E | 30°41.3681" S |
| 11:48:59 AM 11/23/2006 | 67 | 1 139°5.6932" E | 30°41.3669" S |
| 11:49:00 AM 11/23/2006 | 72 | 1 139°5.6932" E | 30°41.3669" S |
| 11:49:01 AM 11/23/2006 | 65 | 1 139°5.6932" E | 30°41.3669" S |
| 11:49:03 AM 11/23/2006 | 99 | 1 139°5.6932" E | 30°41.3669" S |
| 11:49:05 AM 11/23/2006 | 73 | 1 139°5.6932" E | 30°41.3669" S |
| 11:49:08 AM 11/23/2006 | 70 | 1 139°5.6932" E | 30°41.3669" S |
| 11:49:10 AM 11/23/2006 | 74 | 1 139°5.6947" E | 30°41.3627" S |
| 11:49:12 AM 11/23/2006 | 70 | 1 139°5.6947" E | 30°41.3627" S |
| 11:49:14 AM 11/23/2006 | 60 | 1 139°5.6947" E | 30°41.3627" S |
| 11:49:19 AM 11/23/2006 | 85 | 1 139°5.6947" E | 30°41.3627" S |
| 11:49:21 AM 11/23/2006 | 62 | 1 139°5.6947" E | 30°41.3627" S |
| 11:49:24 AM 11/23/2006 | 83 | 1 139°5.6951" E | 30°41.3580" S |
| 11:49:25 AM 11/23/2006 | 79 | 1 139°5.6954" E | 30°41.3576" S |
| 11:49:29 AM 11/23/2006 | 81 | 1 139°5.6959" E | 30°41.3567" S |
| 11:49:32 AM 11/23/2006 | 87 | 1 139°5.6959" E | 30°41.3567" S |
| 11:49:32 AM 11/23/2006 | 82 | 1 139°5.6959" E | 30°41.3567" S |
| 11:49:37 AM 11/23/2006 | 62 | 1 139°5.6967" E | 30°41.3538" S |
| 11:49:39 AM 11/23/2006 | 81 | 1 139°5.6967" E | 30°41.3538" S |
| 11:49:40 AM 11/23/2006 | 85 | 1 139°5.6967" E | 30°41.3538" S |
| 11:49:45 AM 11/23/2006 | 89 | 1 139°5.6967" E | 30°41.3538" S |
| 11:49:46 AM 11/23/2006 | 70 | 1 139°5.6967" E | 30°41.3538" S |
| 11:49:48 AM 11/23/2006 | 67 | 1 139°5.6967" E | 30°41.3538" S |
| 11:49:49 AM 11/23/2006 | 84 | 1 139°5.6967" E | 30°41.3538" S |
| 11:49:53 AM 11/23/2006 | 66 | 1 139°5.6978" E | 30°41.3501" S |
| 11:49:54 AM 11/23/2006 | 95 | 1 139°5.6978" E | 30°41.3501" S |
| 11:49:55 AM 11/23/2006 | 83 | 1 139°5.6978" E | 30°41.3501" S |
| 11:49:56 AM 11/23/2006 | 77 | 1 139°5.6978" E | 30°41.3501" S |
| 11:50:00 AM 11/23/2006 | 71 | 1 139°5.6981" E | 30°41.3483" S |
| 11:50:04 AM 11/23/2006 | 77 | 1 139°5.6982" E | 30°41.3472" S |
| 11:50:06 AM 11/23/2006 | 80 | 1 139°5.6982" E | 30°41.3472" S |
| 11:50:07 AM 11/23/2006 | 84 | 1 139°5.6982" E | 30°41.3472" S |
| 11:50:08 AM 11/23/2006 | 84 | 1 139°5.6982" E | 30°41.3472" S |
| 11:50:10 AM 11/23/2006 | 85 | 1 139°5.6982" E | 30°41.3472" S |
| 11:50:11 AM 11/23/2006 | 69 | 1 139°5.6982" E | 30°41.3472" S |
| 11:50:14 AM 11/23/2006 | 97 | 1 139°5.6985" E | 30°41.3453" S |
| 11:50:16 AM 11/23/2006 | 76 | 1 139°5.6985" E | 30°41.3453" S |
| 11:50:17 AM 11/23/2006 | 70 | 1 139°5.6985" E | 30°41.3453" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 1

|                        |     |                 |               |
|------------------------|-----|-----------------|---------------|
| 11:50:21 AM 11/23/2006 | 75  | 1 139°5.6995" E | 30°41.3434" S |
| 11:52:12 AM 11/23/2006 | 96  | 1 139°5.7106" E | 30°41.2828" S |
| 11:52:13 AM 11/23/2006 | 102 | 1 139°5.7106" E | 30°41.2828" S |
| 11:52:15 AM 11/23/2006 | 91  | 1 139°5.7110" E | 30°41.2829" S |
| 11:52:17 AM 11/23/2006 | 71  | 1 139°5.7111" E | 30°41.2827" S |
| 11:52:19 AM 11/23/2006 | 89  | 1 139°5.7111" E | 30°41.2827" S |
| 11:56:40 AM 11/23/2006 | 130 | 1 139°5.7098" E | 30°41.2852" S |
| 11:56:41 AM 11/23/2006 | 140 | 1 139°5.7099" E | 30°41.2847" S |
| 11:56:42 AM 11/23/2006 | 120 | 1 139°5.7099" E | 30°41.2847" S |
| 11:56:43 AM 11/23/2006 | 105 | 1 139°5.7100" E | 30°41.2845" S |
| 11:56:44 AM 11/23/2006 | 111 | 1 139°5.7100" E | 30°41.2845" S |
| 11:56:46 AM 11/23/2006 | 138 | 1 139°5.7102" E | 30°41.2844" S |
| 11:56:50 AM 11/23/2006 | 126 | 1 139°5.7102" E | 30°41.2844" S |
| 11:56:53 AM 11/23/2006 | 135 | 1 139°5.7100" E | 30°41.2844" S |
| 1:22:50 PM 11/23/2006  | 111 | 1 139°5.7094" E | 30°41.2849" S |
| 1:22:51 PM 11/23/2006  | 85  | 1 139°5.7094" E | 30°41.2849" S |
| 1:22:52 PM 11/23/2006  | 105 | 1 139°5.7094" E | 30°41.2849" S |
| 1:22:54 PM 11/23/2006  | 121 | 1 139°5.7094" E | 30°41.2849" S |
| 1:22:56 PM 11/23/2006  | 119 | 1 139°5.7091" E | 30°41.2848" S |
| 1:22:57 PM 11/23/2006  | 113 | 1 139°5.7090" E | 30°41.2847" S |
| 1:22:58 PM 11/23/2006  | 86  | 1 139°5.7090" E | 30°41.2846" S |
| 1:22:59 PM 11/23/2006  | 104 | 1 139°5.7089" E | 30°41.2845" S |
| 1:23:01 PM 11/23/2006  | 103 | 1 139°5.7088" E | 30°41.2844" S |
| 1:23:02 PM 11/23/2006  | 83  | 1 139°5.7088" E | 30°41.2844" S |
| 1:23:03 PM 11/23/2006  | 101 | 1 139°5.7086" E | 30°41.2844" S |
| 1:23:04 PM 11/23/2006  | 108 | 1 139°5.7084" E | 30°41.2845" S |
| 1:23:06 PM 11/23/2006  | 124 | 1 139°5.7081" E | 30°41.2844" S |
| 1:23:09 PM 11/23/2006  | 105 | 1 139°5.7081" E | 30°41.2844" S |
| 1:23:11 PM 11/23/2006  | 98  | 1 139°5.7081" E | 30°41.2844" S |
| 1:23:13 PM 11/23/2006  | 102 | 1 139°5.7081" E | 30°41.2844" S |
| 1:23:15 PM 11/23/2006  | 111 | 1 139°5.7080" E | 30°41.2846" S |
| 1:23:16 PM 11/23/2006  | 96  | 1 139°5.7085" E | 30°41.2842" S |
| 1:23:17 PM 11/23/2006  | 84  | 1 139°5.7088" E | 30°41.2840" S |
| 1:23:20 PM 11/23/2006  | 99  | 1 139°5.7096" E | 30°41.2835" S |
| 1:23:21 PM 11/23/2006  | 103 | 1 139°5.7096" E | 30°41.2835" S |
| 1:23:23 PM 11/23/2006  | 138 | 1 139°5.7095" E | 30°41.2836" S |
| 1:23:28 PM 11/23/2006  | 114 | 1 139°5.7095" E | 30°41.2836" S |
| 1:23:29 PM 11/23/2006  | 125 | 1 139°5.7095" E | 30°41.2836" S |
| 1:23:32 PM 11/23/2006  | 120 | 1 139°5.7095" E | 30°41.2836" S |
| 1:23:35 PM 11/23/2006  | 116 | 1 139°5.7111" E | 30°41.2828" S |
| 1:23:37 PM 11/23/2006  | 108 | 1 139°5.7111" E | 30°41.2828" S |
| 1:23:39 PM 11/23/2006  | 114 | 1 139°5.7111" E | 30°41.2828" S |
| 1:23:41 PM 11/23/2006  | 123 | 1 139°5.7111" E | 30°41.2828" S |
| 1:23:43 PM 11/23/2006  | 113 | 1 139°5.7111" E | 30°41.2828" S |
| 1:23:46 PM 11/23/2006  | 94  | 1 139°5.7091" E | 30°41.2835" S |
| 1:23:48 PM 11/23/2006  | 96  | 1 139°5.7091" E | 30°41.2835" S |
| 1:23:49 PM 11/23/2006  | 92  | 1 139°5.7091" E | 30°41.2835" S |
| 1:23:50 PM 11/23/2006  | 86  | 1 139°5.7091" E | 30°41.2835" S |
| 1:23:55 PM 11/23/2006  | 85  | 1 139°5.7037" E | 30°41.2847" S |
| 1:23:56 PM 11/23/2006  | 91  | 1 139°5.7029" E | 30°41.2849" S |
| 1:23:57 PM 11/23/2006  | 72  | 1 139°5.7029" E | 30°41.2849" S |
| 1:23:59 PM 11/23/2006  | 73  | 1 139°5.7029" E | 30°41.2849" S |
| 1:24:02 PM 11/23/2006  | 70  | 1 139°5.7029" E | 30°41.2849" S |
| 1:24:05 PM 11/23/2006  | 78  | 1 139°5.7029" E | 30°41.2849" S |
| 1:24:07 PM 11/23/2006  | 105 | 1 139°5.7029" E | 30°41.2849" S |
| 1:24:09 PM 11/23/2006  | 91  | 1 139°5.7029" E | 30°41.2849" S |
| 1:24:14 PM 11/23/2006  | 83  | 1 139°5.6972" E | 30°41.2889" S |
| 1:24:16 PM 11/23/2006  | 106 | 1 139°5.6968" E | 30°41.2892" S |
| 1:24:17 PM 11/23/2006  | 96  | 1 139°5.6966" E | 30°41.2897" S |
| 1:24:18 PM 11/23/2006  | 85  | 1 139°5.6966" E | 30°41.2897" S |
| 1:24:19 PM 11/23/2006  | 68  | 1 139°5.6966" E | 30°41.2897" S |
| 1:24:21 PM 11/23/2006  | 92  | 1 139°5.6966" E | 30°41.2897" S |
| 1:24:23 PM 11/23/2006  | 86  | 1 139°5.6966" E | 30°41.2897" S |
| 1:24:24 PM 11/23/2006  | 98  | 1 139°5.6966" E | 30°41.2897" S |
| 1:24:25 PM 11/23/2006  | 87  | 1 139°5.6966" E | 30°41.2897" S |
| 1:24:27 PM 11/23/2006  | 103 | 1 139°5.6966" E | 30°41.2897" S |
| 1:24:33 PM 11/23/2006  | 90  | 1 139°5.6936" E | 30°41.2934" S |
| 1:24:37 PM 11/23/2006  | 93  | 1 139°5.6936" E | 30°41.2934" S |
| 1:24:38 PM 11/23/2006  | 106 | 1 139°5.6936" E | 30°41.2934" S |
| 1:24:40 PM 11/23/2006  | 103 | 1 139°5.6925" E | 30°41.2953" S |
| 1:24:42 PM 11/23/2006  | 89  | 1 139°5.6921" E | 30°41.2954" S |
| 1:24:45 PM 11/23/2006  | 90  | 1 139°5.6914" E | 30°41.2958" S |
| 1:24:49 PM 11/23/2006  | 117 | 1 139°5.6902" E | 30°41.2966" S |
| 1:24:52 PM 11/23/2006  | 92  | 1 139°5.6902" E | 30°41.2966" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 1

|                       |     |                 |               |
|-----------------------|-----|-----------------|---------------|
| 1:24:53 PM 11/23/2006 | 93  | 1 139°5.6902" E | 30°41.2966" S |
| 1:24:54 PM 11/23/2006 | 95  | 1 139°5.6902" E | 30°41.2966" S |
| 1:24:56 PM 11/23/2006 | 113 | 1 139°5.6902" E | 30°41.2966" S |
| 1:24:57 PM 11/23/2006 | 89  | 1 139°5.6902" E | 30°41.2966" S |
| 1:24:59 PM 11/23/2006 | 124 | 1 139°5.6902" E | 30°41.2966" S |
| 1:25:01 PM 11/23/2006 | 99  | 1 139°5.6902" E | 30°41.2966" S |
| 1:25:02 PM 11/23/2006 | 107 | 1 139°5.6902" E | 30°41.2966" S |
| 1:25:05 PM 11/23/2006 | 93  | 1 139°5.6884" E | 30°41.2986" S |
| 1:25:07 PM 11/23/2006 | 105 | 1 139°5.6883" E | 30°41.2988" S |
| 1:25:09 PM 11/23/2006 | 91  | 1 139°5.6883" E | 30°41.2988" S |
| 1:25:10 PM 11/23/2006 | 115 | 1 139°5.6883" E | 30°41.2988" S |
| 1:25:12 PM 11/23/2006 | 103 | 1 139°5.6883" E | 30°41.2988" S |
| 1:25:13 PM 11/23/2006 | 103 | 1 139°5.6883" E | 30°41.2988" S |
| 1:25:15 PM 11/23/2006 | 95  | 1 139°5.6883" E | 30°41.2988" S |
| 1:25:17 PM 11/23/2006 | 116 | 1 139°5.6886" E | 30°41.3001" S |
| 1:25:17 PM 11/23/2006 | 102 | 1 139°5.6886" E | 30°41.3001" S |
| 1:25:20 PM 11/23/2006 | 101 | 1 139°5.6887" E | 30°41.3010" S |
| 1:25:22 PM 11/23/2006 | 86  | 1 139°5.6891" E | 30°41.3021" S |
| 1:25:23 PM 11/23/2006 | 123 | 1 139°5.6891" E | 30°41.3021" S |
| 1:25:28 PM 11/23/2006 | 96  | 1 139°5.6892" E | 30°41.3036" S |
| 1:25:29 PM 11/23/2006 | 82  | 1 139°5.6892" E | 30°41.3036" S |
| 1:25:31 PM 11/23/2006 | 107 | 1 139°5.6883" E | 30°41.3050" S |
| 1:25:32 PM 11/23/2006 | 89  | 1 139°5.6883" E | 30°41.3050" S |
| 1:25:33 PM 11/23/2006 | 104 | 1 139°5.6876" E | 30°41.3055" S |
| 1:25:36 PM 11/23/2006 | 89  | 1 139°5.6871" E | 30°41.3057" S |
| 1:25:37 PM 11/23/2006 | 84  | 1 139°5.6868" E | 30°41.3059" S |
| 1:25:39 PM 11/23/2006 | 98  | 1 139°5.6868" E | 30°41.3059" S |
| 1:25:40 PM 11/23/2006 | 99  | 1 139°5.6873" E | 30°41.3065" S |
| 1:25:41 PM 11/23/2006 | 94  | 1 139°5.6873" E | 30°41.3065" S |
| 1:25:44 PM 11/23/2006 | 96  | 1 139°5.6873" E | 30°41.3065" S |
| 1:38:41 PM 11/23/2006 | 78  | 1 139°5.7172" E | 30°41.2522" S |
| 1:38:42 PM 11/23/2006 | 81  | 1 139°5.7173" E | 30°41.2513" S |
| 1:38:44 PM 11/23/2006 | 78  | 1 139°5.7173" E | 30°41.2513" S |
| 1:38:47 PM 11/23/2006 | 89  | 1 139°5.7172" E | 30°41.2509" S |
| 1:38:48 PM 11/23/2006 | 77  | 1 139°5.7167" E | 30°41.2506" S |
| 1:38:51 PM 11/23/2006 | 79  | 1 139°5.7165" E | 30°41.2504" S |
| 1:38:52 PM 11/23/2006 | 83  | 1 139°5.7165" E | 30°41.2504" S |
| 1:38:55 PM 11/23/2006 | 76  | 1 139°5.7163" E | 30°41.2500" S |
| 1:38:56 PM 11/23/2006 | 94  | 1 139°5.7171" E | 30°41.2497" S |
| 1:39:01 PM 11/23/2006 | 85  | 1 139°5.7136" E | 30°41.2510" S |
| 1:39:02 PM 11/23/2006 | 99  | 1 139°5.7126" E | 30°41.2503" S |
| 1:39:03 PM 11/23/2006 | 96  | 1 139°5.7126" E | 30°41.2503" S |
| 1:39:05 PM 11/23/2006 | 90  | 1 139°5.7126" E | 30°41.2503" S |
| 1:39:06 PM 11/23/2006 | 93  | 1 139°5.7121" E | 30°41.2495" S |
| 1:39:07 PM 11/23/2006 | 95  | 1 139°5.7120" E | 30°41.2492" S |
| 1:39:09 PM 11/23/2006 | 78  | 1 139°5.7118" E | 30°41.2490" S |
| 1:39:10 PM 11/23/2006 | 77  | 1 139°5.7118" E | 30°41.2490" S |
| 1:39:12 PM 11/23/2006 | 101 | 1 139°5.7118" E | 30°41.2490" S |
| 1:39:14 PM 11/23/2006 | 79  | 1 139°5.7113" E | 30°41.2486" S |
| 1:39:16 PM 11/23/2006 | 96  | 1 139°5.7111" E | 30°41.2484" S |
| 1:39:19 PM 11/23/2006 | 82  | 1 139°5.7116" E | 30°41.2473" S |
| 1:39:20 PM 11/23/2006 | 86  | 1 139°5.7116" E | 30°41.2473" S |
| 1:39:22 PM 11/23/2006 | 93  | 1 139°5.7116" E | 30°41.2473" S |
| 1:39:26 PM 11/23/2006 | 61  | 1 139°5.7112" E | 30°41.2454" S |
| 1:39:27 PM 11/23/2006 | 86  | 1 139°5.7110" E | 30°41.2454" S |
| 1:39:28 PM 11/23/2006 | 79  | 1 139°5.7110" E | 30°41.2454" S |
| 1:39:30 PM 11/23/2006 | 81  | 1 139°5.7109" E | 30°41.2454" S |
| 1:39:33 PM 11/23/2006 | 64  | 1 139°5.7111" E | 30°41.2457" S |
| 1:39:34 PM 11/23/2006 | 96  | 1 139°5.7111" E | 30°41.2457" S |
| 1:39:35 PM 11/23/2006 | 95  | 1 139°5.7111" E | 30°41.2457" S |
| 1:39:37 PM 11/23/2006 | 92  | 1 139°5.7109" E | 30°41.2458" S |
| 1:39:40 PM 11/23/2006 | 64  | 1 139°5.7110" E | 30°41.2443" S |
| 1:39:44 PM 11/23/2006 | 84  | 1 139°5.7107" E | 30°41.2440" S |
| 1:39:46 PM 11/23/2006 | 101 | 1 139°5.7107" E | 30°41.2440" S |
| 1:39:48 PM 11/23/2006 | 85  | 1 139°5.7107" E | 30°41.2440" S |
| 1:39:49 PM 11/23/2006 | 102 | 1 139°5.7107" E | 30°41.2440" S |
| 1:39:51 PM 11/23/2006 | 81  | 1 139°5.7107" E | 30°41.2440" S |
| 1:39:54 PM 11/23/2006 | 84  | 1 139°5.7107" E | 30°41.2440" S |
| 1:40:30 PM 11/23/2006 | 71  | 1 139°5.7109" E | 30°41.2376" S |
| 1:40:33 PM 11/23/2006 | 83  | 1 139°5.7109" E | 30°41.2376" S |
| 1:40:37 PM 11/23/2006 | 73  | 1 139°5.7090" E | 30°41.2363" S |
| 1:40:42 PM 11/23/2006 | 87  | 1 139°5.7090" E | 30°41.2363" S |
| 1:40:44 PM 11/23/2006 | 82  | 1 139°5.7090" E | 30°41.2363" S |
| 1:40:46 PM 11/23/2006 | 76  | 1 139°5.7090" E | 30°41.2363" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 1

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 1:40:48 PM 11/23/2006 | 73 | 1 139°5.7067" E | 30°41.2343" S |
| 1:40:49 PM 11/23/2006 | 87 | 1 139°5.7067" E | 30°41.2343" S |
| 1:40:51 PM 11/23/2006 | 73 | 1 139°5.7065" E | 30°41.2341" S |
| 1:40:52 PM 11/23/2006 | 72 | 1 139°5.7065" E | 30°41.2341" S |
| 1:40:53 PM 11/23/2006 | 80 | 1 139°5.7065" E | 30°41.2341" S |
| 1:40:56 PM 11/23/2006 | 87 | 1 139°5.7065" E | 30°41.2341" S |
| 1:40:57 PM 11/23/2006 | 77 | 1 139°5.7065" E | 30°41.2341" S |
| 1:40:58 PM 11/23/2006 | 82 | 1 139°5.7065" E | 30°41.2341" S |
| 1:41:01 PM 11/23/2006 | 79 | 1 139°5.7053" E | 30°41.2332" S |
| 1:41:04 PM 11/23/2006 | 80 | 1 139°5.7053" E | 30°41.2332" S |
| 1:41:07 PM 11/23/2006 | 78 | 1 139°5.7049" E | 30°41.2322" S |
| 1:41:11 PM 11/23/2006 | 94 | 1 139°5.7049" E | 30°41.2322" S |
| 1:41:12 PM 11/23/2006 | 66 | 1 139°5.7040" E | 30°41.2308" S |
| 1:41:13 PM 11/23/2006 | 70 | 1 139°5.7040" E | 30°41.2308" S |
| 1:41:15 PM 11/23/2006 | 69 | 1 139°5.7039" E | 30°41.2300" S |
| 1:41:18 PM 11/23/2006 | 68 | 1 139°5.7039" E | 30°41.2300" S |
| 1:41:20 PM 11/23/2006 | 72 | 1 139°5.7031" E | 30°41.2293" S |
| 1:41:22 PM 11/23/2006 | 86 | 1 139°5.7030" E | 30°41.2292" S |
| 1:41:27 PM 11/23/2006 | 78 | 1 139°5.7036" E | 30°41.2291" S |
| 1:41:28 PM 11/23/2006 | 52 | 1 139°5.7036" E | 30°41.2291" S |
| 1:41:29 PM 11/23/2006 | 70 | 1 139°5.7036" E | 30°41.2292" S |
| 1:41:31 PM 11/23/2006 | 70 | 1 139°5.7035" E | 30°41.2291" S |
| 1:41:34 PM 11/23/2006 | 73 | 1 139°5.7035" E | 30°41.2291" S |
| 1:41:36 PM 11/23/2006 | 80 | 1 139°5.7035" E | 30°41.2291" S |
| 1:41:37 PM 11/23/2006 | 77 | 1 139°5.7035" E | 30°41.2291" S |
| 1:41:38 PM 11/23/2006 | 78 | 1 139°5.7035" E | 30°41.2291" S |
| 1:41:41 PM 11/23/2006 | 87 | 1 139°5.7035" E | 30°41.2291" S |
| 1:41:41 PM 11/23/2006 | 82 | 1 139°5.7035" E | 30°41.2291" S |
| 1:41:43 PM 11/23/2006 | 78 | 1 139°5.7041" E | 30°41.2265" S |
| 1:41:44 PM 11/23/2006 | 79 | 1 139°5.7040" E | 30°41.2264" S |
| 1:41:45 PM 11/23/2006 | 79 | 1 139°5.7040" E | 30°41.2264" S |
| 1:41:48 PM 11/23/2006 | 86 | 1 139°5.7040" E | 30°41.2264" S |
| 1:41:50 PM 11/23/2006 | 74 | 1 139°5.7040" E | 30°41.2255" S |
| 1:41:52 PM 11/23/2006 | 61 | 1 139°5.7037" E | 30°41.2250" S |
| 1:41:53 PM 11/23/2006 | 78 | 1 139°5.7034" E | 30°41.2248" S |
| 1:41:55 PM 11/23/2006 | 77 | 1 139°5.7034" E | 30°41.2248" S |
| 1:41:57 PM 11/23/2006 | 76 | 1 139°5.7030" E | 30°41.2245" S |
| 1:41:58 PM 11/23/2006 | 59 | 1 139°5.7033" E | 30°41.2244" S |
| 1:42:00 PM 11/23/2006 | 75 | 1 139°5.7036" E | 30°41.2243" S |
| 1:42:01 PM 11/23/2006 | 79 | 1 139°5.7097" E | 30°41.2218" S |
| 1:42:03 PM 11/23/2006 | 75 | 1 139°5.7103" E | 30°41.2213" S |
| 1:42:04 PM 11/23/2006 | 82 | 1 139°5.7108" E | 30°41.2209" S |
| 1:42:07 PM 11/23/2006 | 70 | 1 139°5.7108" E | 30°41.2209" S |
| 1:42:08 PM 11/23/2006 | 71 | 1 139°5.7119" E | 30°41.2203" S |
| 1:42:10 PM 11/23/2006 | 90 | 1 139°5.7124" E | 30°41.2201" S |
| 1:42:12 PM 11/23/2006 | 62 | 1 139°5.7132" E | 30°41.2199" S |
| 1:42:14 PM 11/23/2006 | 63 | 1 139°5.7132" E | 30°41.2199" S |
| 1:42:16 PM 11/23/2006 | 79 | 1 139°5.7135" E | 30°41.2198" S |
| 1:42:17 PM 11/23/2006 | 76 | 1 139°5.7135" E | 30°41.2198" S |
| 1:42:18 PM 11/23/2006 | 86 | 1 139°5.7137" E | 30°41.2200" S |
| 1:42:21 PM 11/23/2006 | 77 | 1 139°5.7151" E | 30°41.2198" S |
| 1:42:24 PM 11/23/2006 | 80 | 1 139°5.7151" E | 30°41.2198" S |
| 1:42:24 PM 11/23/2006 | 87 | 1 139°5.7140" E | 30°41.2197" S |
| 1:42:26 PM 11/23/2006 | 85 | 1 139°5.7135" E | 30°41.2197" S |
| 1:42:27 PM 11/23/2006 | 75 | 1 139°5.7135" E | 30°41.2197" S |
| 1:42:28 PM 11/23/2006 | 69 | 1 139°5.7128" E | 30°41.2197" S |
| 1:42:32 PM 11/23/2006 | 79 | 1 139°5.7128" E | 30°41.2197" S |
| 1:42:33 PM 11/23/2006 | 70 | 1 139°5.7130" E | 30°41.2189" S |
| 1:42:35 PM 11/23/2006 | 79 | 1 139°5.7126" E | 30°41.2189" S |
| 1:42:36 PM 11/23/2006 | 80 | 1 139°5.7121" E | 30°41.2190" S |
| 1:42:38 PM 11/23/2006 | 78 | 1 139°5.7121" E | 30°41.2190" S |
| 1:42:39 PM 11/23/2006 | 81 | 1 139°5.7121" E | 30°41.2190" S |
| 1:42:41 PM 11/23/2006 | 66 | 1 139°5.7098" E | 30°41.2197" S |
| 1:42:42 PM 11/23/2006 | 81 | 1 139°5.7098" E | 30°41.2197" S |
| 1:42:44 PM 11/23/2006 | 82 | 1 139°5.7078" E | 30°41.2207" S |
| 1:42:47 PM 11/23/2006 | 79 | 1 139°5.7078" E | 30°41.2207" S |
| 1:42:49 PM 11/23/2006 | 78 | 1 139°5.7078" E | 30°41.2207" S |
| 1:42:50 PM 11/23/2006 | 86 | 1 139°5.7078" E | 30°41.2207" S |
| 1:42:52 PM 11/23/2006 | 68 | 1 139°5.7018" E | 30°41.2274" S |
| 1:42:53 PM 11/23/2006 | 95 | 1 139°5.7018" E | 30°41.2279" S |
| 1:42:55 PM 11/23/2006 | 79 | 1 139°5.7017" E | 30°41.2282" S |
| 1:42:57 PM 11/23/2006 | 83 | 1 139°5.7017" E | 30°41.2282" S |
| 1:42:58 PM 11/23/2006 | 82 | 1 139°5.7012" E | 30°41.2287" S |
| 1:43:00 PM 11/23/2006 | 84 | 1 139°5.7012" E | 30°41.2287" S |



**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 1**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 1:43:01 PM 11/23/2006 | 73 | 1 139°5.7009" E | 30°41.2293" S |
| 1:43:30 PM 11/23/2006 | 74 | 1 139°5.6964" E | 30°41.2289" S |
| 1:43:32 PM 11/23/2006 | 70 | 1 139°5.6965" E | 30°41.2290" S |
| 1:43:34 PM 11/23/2006 | 92 | 1 139°5.6965" E | 30°41.2290" S |
| 1:43:35 PM 11/23/2006 | 61 | 1 139°5.6965" E | 30°41.2290" S |
| 1:43:38 PM 11/23/2006 | 64 | 1 139°5.6965" E | 30°41.2290" S |
| 1:43:40 PM 11/23/2006 | 68 | 1 139°5.6965" E | 30°41.2290" S |
| 1:43:41 PM 11/23/2006 | 77 | 1 139°5.6965" E | 30°41.2290" S |
| 1:59:45 PM 11/23/2006 | 89 | 1 139°5.6918" E | 30°41.2327" S |
| 1:59:47 PM 11/23/2006 | 80 | 1 139°5.6918" E | 30°41.2327" S |
| 1:59:49 PM 11/23/2006 | 73 | 1 139°5.6922" E | 30°41.2327" S |
| 1:59:50 PM 11/23/2006 | 67 | 1 139°5.6920" E | 30°41.2329" S |
| 1:59:51 PM 11/23/2006 | 76 | 1 139°5.6920" E | 30°41.2329" S |
| 1:59:53 PM 11/23/2006 | 67 | 1 139°5.6920" E | 30°41.2329" S |
| 1:59:54 PM 11/23/2006 | 78 | 1 139°5.6919" E | 30°41.2331" S |
| 1:59:55 PM 11/23/2006 | 76 | 1 139°5.6919" E | 30°41.2331" S |
| 1:59:57 PM 11/23/2006 | 84 | 1 139°5.6921" E | 30°41.2332" S |
| 1:59:58 PM 11/23/2006 | 81 | 1 139°5.6921" E | 30°41.2332" S |
| 2:00:00 PM 11/23/2006 | 70 | 1 139°5.6923" E | 30°41.2334" S |
| 2:00:02 PM 11/23/2006 | 74 | 1 139°5.6926" E | 30°41.2335" S |
| 2:00:05 PM 11/23/2006 | 69 | 1 139°5.6936" E | 30°41.2331" S |
| 2:00:06 PM 11/23/2006 | 79 | 1 139°5.6938" E | 30°41.2330" S |
| 2:00:07 PM 11/23/2006 | 88 | 1 139°5.6939" E | 30°41.2329" S |
| 2:00:08 PM 11/23/2006 | 81 | 1 139°5.6939" E | 30°41.2329" S |
| 2:00:11 PM 11/23/2006 | 73 | 1 139°5.6939" E | 30°41.2329" S |
| 2:00:14 PM 11/23/2006 | 71 | 1 139°5.6929" E | 30°41.2333" S |
| 2:00:15 PM 11/23/2006 | 85 | 1 139°5.6929" E | 30°41.2333" S |
| 2:00:17 PM 11/23/2006 | 84 | 1 139°5.6929" E | 30°41.2333" S |

## **APPENDIX 2**

### **Mt Roebuck ground radiometric traverse 2**

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 2

|            |                                |                             |               |                                                       |
|------------|--------------------------------|-----------------------------|---------------|-------------------------------------------------------|
| H0002      | Version                        | 3                           |               |                                                       |
| H0003      | Date_generated                 | 24-Nov-06                   |               |                                                       |
| H0004      | Reporting_period_end_date      | 12-Oct-06                   |               |                                                       |
| H0005      | State                          | SA                          |               |                                                       |
| H0100      | Tenement_no                    | EL 3469                     |               |                                                       |
| H0101      | Tenement_holder                | Hindmarsh Resources Limited |               |                                                       |
| H0102      | Project_name                   | Mt Roebuck                  |               |                                                       |
| H0106      | Tenement_operator              | Hindmarsh Resources Limited |               |                                                       |
| H0150      | 250K_map_sheet_number          | SH 5409                     |               |                                                       |
| H0151      | 100K_map_sheet_number          | 6736                        |               |                                                       |
| H0200      | Start_date_of_data_acquisition | 24_November_2006            |               |                                                       |
| H0201      | End_date_of_data_acquisition   | 24_November_2006            |               |                                                       |
| H0202      | Template_format                |                             |               |                                                       |
| H0203      | Number_of_data_records         | 718                         |               |                                                       |
| H0204      | Date_of_metadata_update        | 16-Apr-07                   |               |                                                       |
| H0500      | Feature_code                   |                             |               |                                                       |
| H0501      | Geodetic_datum                 | WGS84                       |               |                                                       |
| H0502      | Vertical_datum                 | AHD                         |               |                                                       |
| H0503      | Projection                     | Transverse Mercator         |               |                                                       |
| H0530      | Coordinate_system              | GDA94                       |               |                                                       |
| H0531      | Projection_zone                | 54                          |               |                                                       |
| H0532      | Surveying_instrument           | Auslog GeoGAMMA v2.1        |               |                                                       |
| Time       | Date                           | Counts Per Second           | Sample Period | <div> <div>Longitude</div> <div>Latitude</div> </div> |
| 9:06:58 AM | 11/24/2006                     | 61                          | 1             | 139°1.7617" E 30°57.8717" S                           |
| 9:07:00 AM | 11/24/2006                     | 58                          | 1             | 139°1.7616" E 30°57.8718" S                           |
| 9:07:06 AM | 11/24/2006                     | 63                          | 1             | 139°1.7618" E 30°57.8716" S                           |
| 9:07:07 AM | 11/24/2006                     | 69                          | 1             | 139°1.7618" E 30°57.8715" S                           |
| 9:07:08 AM | 11/24/2006                     | 64                          | 1             | 139°1.7618" E 30°57.8714" S                           |
| 9:07:09 AM | 11/24/2006                     | 62                          | 1             | 139°1.7618" E 30°57.8714" S                           |
| 9:07:11 AM | 11/24/2006                     | 71                          | 1             | 139°1.7618" E 30°57.8714" S                           |
| 9:07:12 AM | 11/24/2006                     | 61                          | 1             | 139°1.7618" E 30°57.8714" S                           |
| 9:07:14 AM | 11/24/2006                     | 64                          | 1             | 139°1.7618" E 30°57.8711" S                           |
| 9:07:15 AM | 11/24/2006                     | 72                          | 1             | 139°1.7618" E 30°57.8711" S                           |
| 9:07:15 AM | 11/24/2006                     | 55                          | 1             | 139°1.7618" E 30°57.8711" S                           |
| 9:07:18 AM | 11/24/2006                     | 55                          | 1             | 139°1.7623" E 30°57.8714" S                           |
| 9:07:19 AM | 11/24/2006                     | 72                          | 1             | 139°1.7623" E 30°57.8714" S                           |
| 9:07:20 AM | 11/24/2006                     | 61                          | 1             | 139°1.7623" E 30°57.8714" S                           |
| 9:07:21 AM | 11/24/2006                     | 64                          | 1             | 139°1.7626" E 30°57.8718" S                           |
| 9:07:25 AM | 11/24/2006                     | 71                          | 1             | 139°1.7627" E 30°57.8723" S                           |
| 9:07:26 AM | 11/24/2006                     | 59                          | 1             | 139°1.7627" E 30°57.8723" S                           |
| 9:07:27 AM | 11/24/2006                     | 79                          | 1             | 139°1.7627" E 30°57.8727" S                           |
| 9:07:28 AM | 11/24/2006                     | 79                          | 1             | 139°1.7626" E 30°57.8728" S                           |
| 9:07:30 AM | 11/24/2006                     | 73                          | 1             | 139°1.7626" E 30°57.8728" S                           |
| 9:07:32 AM | 11/24/2006                     | 61                          | 1             | 139°1.7627" E 30°57.8730" S                           |
| 9:07:33 AM | 11/24/2006                     | 81                          | 1             | 139°1.7627" E 30°57.8730" S                           |
| 9:07:37 AM | 11/24/2006                     | 58                          | 1             | 139°1.7626" E 30°57.8731" S                           |
| 9:07:40 AM | 11/24/2006                     | 64                          | 1             | 139°1.7625" E 30°57.8730" S                           |
| 9:07:41 AM | 11/24/2006                     | 70                          | 1             | 139°1.7619" E 30°57.8723" S                           |
| 9:07:42 AM | 11/24/2006                     | 62                          | 1             | 139°1.7619" E 30°57.8723" S                           |
| 9:07:43 AM | 11/24/2006                     | 67                          | 1             | 139°1.7619" E 30°57.8723" S                           |
| 9:07:45 AM | 11/24/2006                     | 86                          | 1             | 139°1.7602" E 30°57.8706" S                           |
| 9:07:47 AM | 11/24/2006                     | 60                          | 1             | 139°1.7595" E 30°57.8702" S                           |
| 9:07:49 AM | 11/24/2006                     | 73                          | 1             | 139°1.7588" E 30°57.8700" S                           |
| 9:07:53 AM | 11/24/2006                     | 65                          | 1             | 139°1.7565" E 30°57.8691" S                           |
| 9:07:54 AM | 11/24/2006                     | 62                          | 1             | 139°1.7565" E 30°57.8691" S                           |
| 9:07:55 AM | 11/24/2006                     | 76                          | 1             | 139°1.7545" E 30°57.8683" S                           |
| 9:07:56 AM | 11/24/2006                     | 63                          | 1             | 139°1.7545" E 30°57.8683" S                           |
| 9:07:57 AM | 11/24/2006                     | 57                          | 1             | 139°1.7533" E 30°57.8675" S                           |
| 9:07:58 AM | 11/24/2006                     | 67                          | 1             | 139°1.7533" E 30°57.8675" S                           |
| 9:08:00 AM | 11/24/2006                     | 80                          | 1             | 139°1.7513" E 30°57.8666" S                           |
| 9:08:02 AM | 11/24/2006                     | 65                          | 1             | 139°1.7500" E 30°57.8660" S                           |
| 9:08:03 AM | 11/24/2006                     | 70                          | 1             | 139°1.7500" E 30°57.8660" S                           |
| 9:08:03 AM | 11/24/2006                     | 65                          | 1             | 139°1.7486" E 30°57.8652" S                           |
| 9:08:04 AM | 11/24/2006                     | 69                          | 1             | 139°1.7486" E 30°57.8652" S                           |
| 9:08:05 AM | 11/24/2006                     | 78                          | 1             | 139°1.7486" E 30°57.8652" S                           |
| 9:08:07 AM | 11/24/2006                     | 65                          | 1             | 139°1.7486" E 30°57.8652" S                           |
| 9:08:07 AM | 11/24/2006                     | 58                          | 1             | 139°1.7486" E 30°57.8652" S                           |
| 9:08:08 AM | 11/24/2006                     | 65                          | 1             | 139°1.7447" E 30°57.8640" S                           |
| 9:08:09 AM | 11/24/2006                     | 63                          | 1             | 139°1.7447" E 30°57.8640" S                           |
| 9:08:10 AM | 11/24/2006                     | 82                          | 1             | 139°1.7447" E 30°57.8640" S                           |
| 9:08:12 AM | 11/24/2006                     | 71                          | 1             | 139°1.7432" E 30°57.8635" S                           |
| 9:08:14 AM | 11/24/2006                     | 65                          | 1             | 139°1.7408" E 30°57.8626" S                           |
| 9:08:16 AM | 11/24/2006                     | 82                          | 1             | 139°1.7408" E 30°57.8626" S                           |
| 9:08:19 AM | 11/24/2006                     | 84                          | 1             | 139°1.7387" E 30°57.8616" S                           |
| 9:08:20 AM | 11/24/2006                     | 76                          | 1             | 139°1.7380" E 30°57.8613" S                           |
| 9:08:21 AM | 11/24/2006                     | 63                          | 1             | 139°1.7380" E 30°57.8613" S                           |
| 9:08:23 AM | 11/24/2006                     | 78                          | 1             | 139°1.7368" E 30°57.8609" S                           |
| 9:08:26 AM | 11/24/2006                     | 69                          | 1             | 139°1.7350" E 30°57.8608" S                           |
| 9:08:29 AM | 11/24/2006                     | 66                          | 1             | 139°1.7337" E 30°57.8605" S                           |
| 9:08:32 AM | 11/24/2006                     | 64                          | 1             | 139°1.7330" E 30°57.8604" S                           |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 2**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 9:08:35 AM 11/24/2006 | 63 | 1 139°1.7316" E | 30°57.8599" S |
| 9:08:38 AM 11/24/2006 | 75 | 1 139°1.7316" E | 30°57.8599" S |
| 9:08:41 AM 11/24/2006 | 80 | 1 139°1.7316" E | 30°57.8599" S |
| 9:08:42 AM 11/24/2006 | 71 | 1 139°1.7316" E | 30°57.8599" S |
| 9:08:43 AM 11/24/2006 | 57 | 1 139°1.7316" E | 30°57.8599" S |
| 9:08:46 AM 11/24/2006 | 60 | 1 139°1.7251" E | 30°57.8567" S |
| 9:08:48 AM 11/24/2006 | 71 | 1 139°1.7251" E | 30°57.8567" S |
| 9:08:50 AM 11/24/2006 | 59 | 1 139°1.7251" E | 30°57.8567" S |
| 9:08:51 AM 11/24/2006 | 65 | 1 139°1.7251" E | 30°57.8567" S |
| 9:08:52 AM 11/24/2006 | 72 | 1 139°1.7251" E | 30°57.8567" S |
| 9:08:55 AM 11/24/2006 | 82 | 1 139°1.7251" E | 30°57.8567" S |
| 9:08:56 AM 11/24/2006 | 62 | 1 139°1.7251" E | 30°57.8567" S |
| 9:08:58 AM 11/24/2006 | 73 | 1 139°1.7183" E | 30°57.8549" S |
| 9:09:01 AM 11/24/2006 | 74 | 1 139°1.7171" E | 30°57.8544" S |
| 9:09:05 AM 11/24/2006 | 63 | 1 139°1.7171" E | 30°57.8544" S |
| 9:09:06 AM 11/24/2006 | 69 | 1 139°1.7171" E | 30°57.8544" S |
| 9:09:07 AM 11/24/2006 | 68 | 1 139°1.7171" E | 30°57.8544" S |
| 9:09:09 AM 11/24/2006 | 57 | 1 139°1.7122" E | 30°57.8532" S |
| 9:09:12 AM 11/24/2006 | 58 | 1 139°1.7115" E | 30°57.8530" S |
| 9:09:14 AM 11/24/2006 | 56 | 1 139°1.7092" E | 30°57.8523" S |
| 9:09:16 AM 11/24/2006 | 62 | 1 139°1.7086" E | 30°57.8519" S |
| 9:09:18 AM 11/24/2006 | 66 | 1 139°1.7086" E | 30°57.8519" S |
| 9:09:20 AM 11/24/2006 | 78 | 1 139°1.7086" E | 30°57.8519" S |
| 9:09:21 AM 11/24/2006 | 72 | 1 139°1.7086" E | 30°57.8519" S |
| 9:09:22 AM 11/24/2006 | 64 | 1 139°1.7086" E | 30°57.8519" S |
| 9:09:23 AM 11/24/2006 | 66 | 1 139°1.7086" E | 30°57.8519" S |
| 9:09:25 AM 11/24/2006 | 65 | 1 139°1.7046" E | 30°57.8493" S |
| 9:09:26 AM 11/24/2006 | 67 | 1 139°1.7046" E | 30°57.8493" S |
| 9:09:27 AM 11/24/2006 | 68 | 1 139°1.7046" E | 30°57.8493" S |
| 9:09:29 AM 11/24/2006 | 82 | 1 139°1.7020" E | 30°57.8477" S |
| 9:09:32 AM 11/24/2006 | 72 | 1 139°1.7020" E | 30°57.8477" S |
| 9:09:33 AM 11/24/2006 | 74 | 1 139°1.7020" E | 30°57.8477" S |
| 9:09:34 AM 11/24/2006 | 66 | 1 139°1.7020" E | 30°57.8477" S |
| 9:09:35 AM 11/24/2006 | 70 | 1 139°1.7020" E | 30°57.8477" S |
| 9:09:36 AM 11/24/2006 | 78 | 1 139°1.7020" E | 30°57.8477" S |
| 9:09:37 AM 11/24/2006 | 73 | 1 139°1.7020" E | 30°57.8477" S |
| 9:09:38 AM 11/24/2006 | 67 | 1 139°1.6971" E | 30°57.8451" S |
| 9:09:39 AM 11/24/2006 | 60 | 1 139°1.6971" E | 30°57.8451" S |
| 9:09:39 AM 11/24/2006 | 69 | 1 139°1.6971" E | 30°57.8451" S |
| 9:09:42 AM 11/24/2006 | 60 | 1 139°1.6942" E | 30°57.8440" S |
| 9:09:43 AM 11/24/2006 | 47 | 1 139°1.6928" E | 30°57.8434" S |
| 9:09:44 AM 11/24/2006 | 82 | 1 139°1.6928" E | 30°57.8434" S |
| 9:09:45 AM 11/24/2006 | 71 | 1 139°1.6928" E | 30°57.8434" S |
| 9:09:46 AM 11/24/2006 | 51 | 1 139°1.6928" E | 30°57.8434" S |
| 9:09:48 AM 11/24/2006 | 63 | 1 139°1.6928" E | 30°57.8434" S |
| 9:09:50 AM 11/24/2006 | 60 | 1 139°1.6880" E | 30°57.8418" S |
| 9:09:53 AM 11/24/2006 | 75 | 1 139°1.6873" E | 30°57.8415" S |
| 9:09:54 AM 11/24/2006 | 67 | 1 139°1.6859" E | 30°57.8407" S |
| 9:09:55 AM 11/24/2006 | 71 | 1 139°1.6859" E | 30°57.8407" S |
| 9:09:55 AM 11/24/2006 | 68 | 1 139°1.6859" E | 30°57.8407" S |
| 9:09:57 AM 11/24/2006 | 58 | 1 139°1.6839" E | 30°57.8394" S |
| 9:09:59 AM 11/24/2006 | 73 | 1 139°1.6811" E | 30°57.8382" S |
| 9:10:01 AM 11/24/2006 | 61 | 1 139°1.6811" E | 30°57.8382" S |
| 9:10:02 AM 11/24/2006 | 60 | 1 139°1.6811" E | 30°57.8382" S |
| 9:10:02 AM 11/24/2006 | 82 | 1 139°1.6789" E | 30°57.8373" S |
| 9:10:03 AM 11/24/2006 | 55 | 1 139°1.6782" E | 30°57.8369" S |
| 9:10:04 AM 11/24/2006 | 56 | 1 139°1.6775" E | 30°57.8367" S |
| 9:10:06 AM 11/24/2006 | 42 | 1 139°1.6775" E | 30°57.8367" S |
| 9:10:06 AM 11/24/2006 | 78 | 1 139°1.6775" E | 30°57.8367" S |
| 9:10:08 AM 11/24/2006 | 59 | 1 139°1.6744" E | 30°57.8357" S |
| 9:10:09 AM 11/24/2006 | 78 | 1 139°1.6744" E | 30°57.8357" S |
| 9:10:10 AM 11/24/2006 | 52 | 1 139°1.6744" E | 30°57.8357" S |
| 9:10:11 AM 11/24/2006 | 61 | 1 139°1.6744" E | 30°57.8357" S |
| 9:10:12 AM 11/24/2006 | 54 | 1 139°1.6717" E | 30°57.8347" S |
| 9:10:13 AM 11/24/2006 | 57 | 1 139°1.6717" E | 30°57.8347" S |
| 9:10:15 AM 11/24/2006 | 64 | 1 139°1.6703" E | 30°57.8340" S |
| 9:10:16 AM 11/24/2006 | 62 | 1 139°1.6691" E | 30°57.8335" S |
| 9:10:16 AM 11/24/2006 | 64 | 1 139°1.6691" E | 30°57.8335" S |
| 9:10:18 AM 11/24/2006 | 49 | 1 139°1.6677" E | 30°57.8331" S |
| 9:10:20 AM 11/24/2006 | 71 | 1 139°1.6677" E | 30°57.8331" S |
| 9:10:20 AM 11/24/2006 | 59 | 1 139°1.6677" E | 30°57.8331" S |
| 9:10:22 AM 11/24/2006 | 80 | 1 139°1.6638" E | 30°57.8323" S |
| 9:10:23 AM 11/24/2006 | 69 | 1 139°1.6638" E | 30°57.8323" S |
| 9:10:24 AM 11/24/2006 | 69 | 1 139°1.6638" E | 30°57.8323" S |
| 9:10:26 AM 11/24/2006 | 64 | 1 139°1.6606" E | 30°57.8314" S |
| 9:10:27 AM 11/24/2006 | 71 | 1 139°1.6598" E | 30°57.8311" S |
| 9:10:29 AM 11/24/2006 | 70 | 1 139°1.6598" E | 30°57.8311" S |
| 9:10:29 AM 11/24/2006 | 71 | 1 139°1.6574" E | 30°57.8305" S |
| 9:10:30 AM 11/24/2006 | 57 | 1 139°1.6566" E | 30°57.8302" S |
| 9:10:31 AM 11/24/2006 | 68 | 1 139°1.6558" E | 30°57.8299" S |



**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 2**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 9:10:32 AM 11/24/2006 | 67 | 1 139°1.6558" E | 30°57.8299" S |
| 9:10:33 AM 11/24/2006 | 53 | 1 139°1.6558" E | 30°57.8299" S |
| 9:10:34 AM 11/24/2006 | 62 | 1 139°1.6558" E | 30°57.8299" S |
| 9:10:36 AM 11/24/2006 | 67 | 1 139°1.6517" E | 30°57.8284" S |
| 9:10:36 AM 11/24/2006 | 60 | 1 139°1.6510" E | 30°57.8280" S |
| 9:10:38 AM 11/24/2006 | 60 | 1 139°1.6504" E | 30°57.8276" S |
| 9:10:39 AM 11/24/2006 | 47 | 1 139°1.6504" E | 30°57.8276" S |
| 9:10:40 AM 11/24/2006 | 48 | 1 139°1.6490" E | 30°57.8272" S |
| 9:10:40 AM 11/24/2006 | 65 | 1 139°1.6490" E | 30°57.8272" S |
| 9:10:41 AM 11/24/2006 | 59 | 1 139°1.6475" E | 30°57.8267" S |
| 9:10:43 AM 11/24/2006 | 70 | 1 139°1.6468" E | 30°57.8264" S |
| 9:10:43 AM 11/24/2006 | 73 | 1 139°1.6461" E | 30°57.8260" S |
| 9:10:44 AM 11/24/2006 | 70 | 1 139°1.6455" E | 30°57.8256" S |
| 9:10:45 AM 11/24/2006 | 68 | 1 139°1.6447" E | 30°57.8253" S |
| 9:10:46 AM 11/24/2006 | 66 | 1 139°1.6440" E | 30°57.8250" S |
| 9:10:47 AM 11/24/2006 | 44 | 1 139°1.6440" E | 30°57.8250" S |
| 9:10:48 AM 11/24/2006 | 59 | 1 139°1.6427" E | 30°57.8244" S |
| 9:10:49 AM 11/24/2006 | 54 | 1 139°1.6420" E | 30°57.8241" S |
| 9:10:51 AM 11/24/2006 | 65 | 1 139°1.6413" E | 30°57.8239" S |
| 9:10:52 AM 11/24/2006 | 49 | 1 139°1.6407" E | 30°57.8238" S |
| 9:10:54 AM 11/24/2006 | 71 | 1 139°1.6407" E | 30°57.8238" S |
| 9:10:56 AM 11/24/2006 | 51 | 1 139°1.6383" E | 30°57.8229" S |
| 9:10:57 AM 11/24/2006 | 55 | 1 139°1.6376" E | 30°57.8224" S |
| 9:11:00 AM 11/24/2006 | 63 | 1 139°1.6369" E | 30°57.8220" S |
| 9:11:01 AM 11/24/2006 | 57 | 1 139°1.6353" E | 30°57.8215" S |
| 9:11:02 AM 11/24/2006 | 70 | 1 139°1.6353" E | 30°57.8215" S |
| 9:11:03 AM 11/24/2006 | 68 | 1 139°1.6353" E | 30°57.8215" S |
| 9:11:04 AM 11/24/2006 | 67 | 1 139°1.6330" E | 30°57.8204" S |
| 9:11:06 AM 11/24/2006 | 75 | 1 139°1.6315" E | 30°57.8197" S |
| 9:11:07 AM 11/24/2006 | 58 | 1 139°1.6315" E | 30°57.8197" S |
| 9:11:09 AM 11/24/2006 | 68 | 1 139°1.6292" E | 30°57.8187" S |
| 9:11:11 AM 11/24/2006 | 61 | 1 139°1.6292" E | 30°57.8187" S |
| 9:11:12 AM 11/24/2006 | 83 | 1 139°1.6292" E | 30°57.8187" S |
| 9:11:13 AM 11/24/2006 | 77 | 1 139°1.6269" E | 30°57.8181" S |
| 9:11:13 AM 11/24/2006 | 47 | 1 139°1.6261" E | 30°57.8180" S |
| 9:11:14 AM 11/24/2006 | 70 | 1 139°1.6254" E | 30°57.8178" S |
| 9:11:15 AM 11/24/2006 | 66 | 1 139°1.6254" E | 30°57.8178" S |
| 9:11:16 AM 11/24/2006 | 71 | 1 139°1.6254" E | 30°57.8178" S |
| 9:11:17 AM 11/24/2006 | 69 | 1 139°1.6233" E | 30°57.8169" S |
| 9:11:18 AM 11/24/2006 | 64 | 1 139°1.6233" E | 30°57.8169" S |
| 9:11:21 AM 11/24/2006 | 71 | 1 139°1.6207" E | 30°57.8153" S |
| 9:11:22 AM 11/24/2006 | 71 | 1 139°1.6207" E | 30°57.8153" S |
| 9:11:23 AM 11/24/2006 | 75 | 1 139°1.6193" E | 30°57.8147" S |
| 9:11:24 AM 11/24/2006 | 67 | 1 139°1.6186" E | 30°57.8144" S |
| 9:11:26 AM 11/24/2006 | 75 | 1 139°1.6171" E | 30°57.8140" S |
| 9:11:27 AM 11/24/2006 | 68 | 1 139°1.6171" E | 30°57.8140" S |
| 9:11:29 AM 11/24/2006 | 59 | 1 139°1.6150" E | 30°57.8129" S |
| 9:11:31 AM 11/24/2006 | 68 | 1 139°1.6150" E | 30°57.8129" S |
| 9:11:32 AM 11/24/2006 | 62 | 1 139°1.6150" E | 30°57.8129" S |
| 9:11:34 AM 11/24/2006 | 62 | 1 139°1.6119" E | 30°57.8127" S |
| 9:11:35 AM 11/24/2006 | 65 | 1 139°1.6119" E | 30°57.8127" S |
| 9:11:36 AM 11/24/2006 | 82 | 1 139°1.6119" E | 30°57.8127" S |
| 9:11:37 AM 11/24/2006 | 71 | 1 139°1.6089" E | 30°57.8113" S |
| 9:11:38 AM 11/24/2006 | 62 | 1 139°1.6089" E | 30°57.8113" S |
| 9:11:39 AM 11/24/2006 | 75 | 1 139°1.6089" E | 30°57.8113" S |
| 9:11:40 AM 11/24/2006 | 74 | 1 139°1.6089" E | 30°57.8113" S |
| 9:11:41 AM 11/24/2006 | 77 | 1 139°1.6060" E | 30°57.8099" S |
| 9:11:42 AM 11/24/2006 | 69 | 1 139°1.6060" E | 30°57.8099" S |
| 9:11:43 AM 11/24/2006 | 69 | 1 139°1.6045" E | 30°57.8091" S |
| 9:11:44 AM 11/24/2006 | 71 | 1 139°1.6038" E | 30°57.8089" S |
| 9:11:46 AM 11/24/2006 | 71 | 1 139°1.6023" E | 30°57.8084" S |
| 9:11:47 AM 11/24/2006 | 65 | 1 139°1.6023" E | 30°57.8084" S |
| 9:11:50 AM 11/24/2006 | 79 | 1 139°1.6000" E | 30°57.8080" S |
| 9:11:52 AM 11/24/2006 | 65 | 1 139°1.6000" E | 30°57.8080" S |
| 9:11:53 AM 11/24/2006 | 64 | 1 139°1.6000" E | 30°57.8080" S |
| 9:11:54 AM 11/24/2006 | 76 | 1 139°1.5977" E | 30°57.8075" S |
| 9:11:57 AM 11/24/2006 | 72 | 1 139°1.5968" E | 30°57.8074" S |
| 9:11:58 AM 11/24/2006 | 90 | 1 139°1.5968" E | 30°57.8074" S |
| 9:11:59 AM 11/24/2006 | 61 | 1 139°1.5947" E | 30°57.8061" S |
| 9:12:00 AM 11/24/2006 | 65 | 1 139°1.5939" E | 30°57.8057" S |
| 9:12:01 AM 11/24/2006 | 70 | 1 139°1.5931" E | 30°57.8055" S |
| 9:12:04 AM 11/24/2006 | 74 | 1 139°1.5911" E | 30°57.8050" S |
| 9:12:04 AM 11/24/2006 | 59 | 1 139°1.5905" E | 30°57.8049" S |
| 9:12:06 AM 11/24/2006 | 78 | 1 139°1.5899" E | 30°57.8049" S |
| 9:12:07 AM 11/24/2006 | 79 | 1 139°1.5899" E | 30°57.8049" S |
| 9:12:08 AM 11/24/2006 | 70 | 1 139°1.5885" E | 30°57.8045" S |
| 9:12:09 AM 11/24/2006 | 87 | 1 139°1.5885" E | 30°57.8045" S |
| 9:12:10 AM 11/24/2006 | 68 | 1 139°1.5864" E | 30°57.8036" S |
| 9:12:11 AM 11/24/2006 | 53 | 1 139°1.5864" E | 30°57.8036" S |
| 9:12:12 AM 11/24/2006 | 51 | 1 139°1.5864" E | 30°57.8036" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 2**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 9:12:13 AM 11/24/2006 | 69 | 1 139°1.5864" E | 30°57.8036" S |
| 9:12:14 AM 11/24/2006 | 66 | 1 139°1.5830" E | 30°57.8027" S |
| 9:12:14 AM 11/24/2006 | 65 | 1 139°1.5830" E | 30°57.8027" S |
| 9:12:15 AM 11/24/2006 | 78 | 1 139°1.5830" E | 30°57.8027" S |
| 9:12:18 AM 11/24/2006 | 64 | 1 139°1.5806" E | 30°57.8022" S |
| 9:12:20 AM 11/24/2006 | 72 | 1 139°1.5788" E | 30°57.8021" S |
| 9:12:21 AM 11/24/2006 | 57 | 1 139°1.5788" E | 30°57.8021" S |
| 9:12:22 AM 11/24/2006 | 54 | 1 139°1.5773" E | 30°57.8012" S |
| 9:12:25 AM 11/24/2006 | 74 | 1 139°1.5761" E | 30°57.8002" S |
| 9:12:26 AM 11/24/2006 | 62 | 1 139°1.5761" E | 30°57.8002" S |
| 9:12:28 AM 11/24/2006 | 78 | 1 139°1.5761" E | 30°57.8002" S |
| 9:12:29 AM 11/24/2006 | 60 | 1 139°1.5739" E | 30°57.7991" S |
| 9:12:30 AM 11/24/2006 | 58 | 1 139°1.5739" E | 30°57.7991" S |
| 9:12:32 AM 11/24/2006 | 76 | 1 139°1.5724" E | 30°57.7985" S |
| 9:12:33 AM 11/24/2006 | 65 | 1 139°1.5724" E | 30°57.7985" S |
| 9:12:36 AM 11/24/2006 | 61 | 1 139°1.5699" E | 30°57.7983" S |
| 9:12:37 AM 11/24/2006 | 73 | 1 139°1.5699" E | 30°57.7983" S |
| 9:12:39 AM 11/24/2006 | 72 | 1 139°1.5699" E | 30°57.7983" S |
| 9:12:40 AM 11/24/2006 | 58 | 1 139°1.5699" E | 30°57.7983" S |
| 9:12:41 AM 11/24/2006 | 70 | 1 139°1.5670" E | 30°57.7973" S |
| 9:12:41 AM 11/24/2006 | 70 | 1 139°1.5670" E | 30°57.7973" S |
| 9:12:42 AM 11/24/2006 | 64 | 1 139°1.5670" E | 30°57.7973" S |
| 9:12:44 AM 11/24/2006 | 65 | 1 139°1.5655" E | 30°57.7967" S |
| 9:12:45 AM 11/24/2006 | 59 | 1 139°1.5633" E | 30°57.7961" S |
| 9:12:46 AM 11/24/2006 | 68 | 1 139°1.5625" E | 30°57.7958" S |
| 9:12:49 AM 11/24/2006 | 64 | 1 139°1.5625" E | 30°57.7958" S |
| 9:12:51 AM 11/24/2006 | 63 | 1 139°1.5604" E | 30°57.7950" S |
| 9:12:51 AM 11/24/2006 | 70 | 1 139°1.5604" E | 30°57.7950" S |
| 9:12:53 AM 11/24/2006 | 52 | 1 139°1.5604" E | 30°57.7950" S |
| 9:12:56 AM 11/24/2006 | 63 | 1 139°1.5583" E | 30°57.7939" S |
| 9:12:57 AM 11/24/2006 | 54 | 1 139°1.5570" E | 30°57.7934" S |
| 9:12:59 AM 11/24/2006 | 62 | 1 139°1.5570" E | 30°57.7934" S |
| 9:13:00 AM 11/24/2006 | 68 | 1 139°1.5570" E | 30°57.7934" S |
| 9:13:02 AM 11/24/2006 | 70 | 1 139°1.5570" E | 30°57.7934" S |
| 9:13:04 AM 11/24/2006 | 63 | 1 139°1.5570" E | 30°57.7934" S |
| 9:13:04 AM 11/24/2006 | 71 | 1 139°1.5570" E | 30°57.7934" S |
| 9:13:06 AM 11/24/2006 | 61 | 1 139°1.5570" E | 30°57.7934" S |
| 9:13:16 AM 11/24/2006 | 66 | 1 139°1.5370" E | 30°57.7872" S |
| 9:13:18 AM 11/24/2006 | 70 | 1 139°1.5354" E | 30°57.7866" S |
| 9:13:19 AM 11/24/2006 | 75 | 1 139°1.5354" E | 30°57.7866" S |
| 9:13:21 AM 11/24/2006 | 73 | 1 139°1.5338" E | 30°57.7859" S |
| 9:13:22 AM 11/24/2006 | 77 | 1 139°1.5338" E | 30°57.7859" S |
| 9:13:23 AM 11/24/2006 | 66 | 1 139°1.5338" E | 30°57.7859" S |
| 9:13:26 AM 11/24/2006 | 67 | 1 139°1.5338" E | 30°57.7859" S |
| 9:13:26 AM 11/24/2006 | 65 | 1 139°1.5338" E | 30°57.7859" S |
| 9:13:27 AM 11/24/2006 | 64 | 1 139°1.5338" E | 30°57.7859" S |
| 9:13:28 AM 11/24/2006 | 62 | 1 139°1.5338" E | 30°57.7859" S |
| 9:13:29 AM 11/24/2006 | 64 | 1 139°1.5338" E | 30°57.7859" S |
| 9:13:32 AM 11/24/2006 | 81 | 1 139°1.5259" E | 30°57.7836" S |
| 9:13:34 AM 11/24/2006 | 47 | 1 139°1.5259" E | 30°57.7836" S |
| 9:13:38 AM 11/24/2006 | 67 | 1 139°1.5227" E | 30°57.7830" S |
| 9:13:39 AM 11/24/2006 | 51 | 1 139°1.5227" E | 30°57.7830" S |
| 9:13:40 AM 11/24/2006 | 64 | 1 139°1.5227" E | 30°57.7830" S |
| 9:13:41 AM 11/24/2006 | 67 | 1 139°1.5227" E | 30°57.7830" S |
| 9:13:43 AM 11/24/2006 | 63 | 1 139°1.5227" E | 30°57.7830" S |
| 9:13:44 AM 11/24/2006 | 78 | 1 139°1.5227" E | 30°57.7830" S |
| 9:13:45 AM 11/24/2006 | 63 | 1 139°1.5227" E | 30°57.7830" S |
| 9:13:46 AM 11/24/2006 | 62 | 1 139°1.5227" E | 30°57.7830" S |
| 9:13:47 AM 11/24/2006 | 84 | 1 139°1.5227" E | 30°57.7830" S |
| 9:13:50 AM 11/24/2006 | 58 | 1 139°1.5138" E | 30°57.7810" S |
| 9:13:51 AM 11/24/2006 | 82 | 1 139°1.5130" E | 30°57.7809" S |
| 9:13:51 AM 11/24/2006 | 59 | 1 139°1.5130" E | 30°57.7809" S |
| 9:13:53 AM 11/24/2006 | 68 | 1 139°1.5130" E | 30°57.7809" S |
| 9:13:54 AM 11/24/2006 | 67 | 1 139°1.5130" E | 30°57.7809" S |
| 9:13:54 AM 11/24/2006 | 67 | 1 139°1.5130" E | 30°57.7809" S |
| 9:13:55 AM 11/24/2006 | 78 | 1 139°1.5130" E | 30°57.7809" S |
| 9:13:56 AM 11/24/2006 | 69 | 1 139°1.5130" E | 30°57.7809" S |
| 9:13:58 AM 11/24/2006 | 61 | 1 139°1.5130" E | 30°57.7809" S |
| 9:13:58 AM 11/24/2006 | 68 | 1 139°1.5130" E | 30°57.7809" S |
| 9:14:03 AM 11/24/2006 | 70 | 1 139°1.5026" E | 30°57.7784" S |
| 9:14:04 AM 11/24/2006 | 54 | 1 139°1.5018" E | 30°57.7782" S |
| 9:14:05 AM 11/24/2006 | 61 | 1 139°1.5010" E | 30°57.7780" S |
| 9:14:06 AM 11/24/2006 | 71 | 1 139°1.5002" E | 30°57.7777" S |
| 9:14:09 AM 11/24/2006 | 64 | 1 139°1.4976" E | 30°57.7768" S |
| 9:14:10 AM 11/24/2006 | 79 | 1 139°1.4976" E | 30°57.7768" S |
| 9:14:10 AM 11/24/2006 | 63 | 1 139°1.4976" E | 30°57.7768" S |
| 9:14:11 AM 11/24/2006 | 75 | 1 139°1.4976" E | 30°57.7768" S |
| 9:14:12 AM 11/24/2006 | 66 | 1 139°1.4945" E | 30°57.7759" S |
| 9:14:13 AM 11/24/2006 | 63 | 1 139°1.4945" E | 30°57.7759" S |
| 9:14:16 AM 11/24/2006 | 60 | 1 139°1.4922" E | 30°57.7756" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 2**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 9:14:17 AM 11/24/2006 | 85 | 1 139°1.4922" E | 30°57.7756" S |
| 9:14:18 AM 11/24/2006 | 65 | 1 139°1.4895" E | 30°57.7753" S |
| 9:14:18 AM 11/24/2006 | 66 | 1 139°1.4887" E | 30°57.7752" S |
| 9:14:19 AM 11/24/2006 | 73 | 1 139°1.4887" E | 30°57.7752" S |
| 9:14:20 AM 11/24/2006 | 83 | 1 139°1.4815" E | 30°57.7737" S |
| 9:14:21 AM 11/24/2006 | 65 | 1 139°1.4808" E | 30°57.7734" S |
| 9:14:22 AM 11/24/2006 | 78 | 1 139°1.4800" E | 30°57.7730" S |
| 9:14:23 AM 11/24/2006 | 71 | 1 139°1.4800" E | 30°57.7730" S |
| 9:14:24 AM 11/24/2006 | 70 | 1 139°1.4785" E | 30°57.7721" S |
| 9:14:25 AM 11/24/2006 | 72 | 1 139°1.4779" E | 30°57.7716" S |
| 9:14:25 AM 11/24/2006 | 58 | 1 139°1.4774" E | 30°57.7714" S |
| 9:14:26 AM 11/24/2006 | 68 | 1 139°1.4774" E | 30°57.7714" S |
| 9:14:28 AM 11/24/2006 | 73 | 1 139°1.4774" E | 30°57.7714" S |
| 9:14:28 AM 11/24/2006 | 62 | 1 139°1.4751" E | 30°57.7708" S |
| 9:14:31 AM 11/24/2006 | 52 | 1 139°1.4745" E | 30°57.7706" S |
| 9:14:32 AM 11/24/2006 | 70 | 1 139°1.4730" E | 30°57.7705" S |
| 9:14:34 AM 11/24/2006 | 66 | 1 139°1.4730" E | 30°57.7705" S |
| 9:14:37 AM 11/24/2006 | 61 | 1 139°1.4708" E | 30°57.7699" S |
| 9:14:38 AM 11/24/2006 | 68 | 1 139°1.4708" E | 30°57.7699" S |
| 9:14:39 AM 11/24/2006 | 68 | 1 139°1.4694" E | 30°57.7698" S |
| 9:14:43 AM 11/24/2006 | 73 | 1 139°1.4679" E | 30°57.7698" S |
| 9:14:44 AM 11/24/2006 | 79 | 1 139°1.4664" E | 30°57.7696" S |
| 9:14:45 AM 11/24/2006 | 89 | 1 139°1.4664" E | 30°57.7696" S |
| 9:14:48 AM 11/24/2006 | 67 | 1 139°1.4664" E | 30°57.7696" S |
| 9:14:49 AM 11/24/2006 | 68 | 1 139°1.4641" E | 30°57.7692" S |
| 9:14:50 AM 11/24/2006 | 68 | 1 139°1.4632" E | 30°57.7693" S |
| 9:14:51 AM 11/24/2006 | 77 | 1 139°1.4632" E | 30°57.7693" S |
| 9:14:52 AM 11/24/2006 | 64 | 1 139°1.4632" E | 30°57.7693" S |
| 9:14:54 AM 11/24/2006 | 62 | 1 139°1.4632" E | 30°57.7693" S |
| 9:14:57 AM 11/24/2006 | 72 | 1 139°1.4591" E | 30°57.7684" S |
| 9:14:58 AM 11/24/2006 | 76 | 1 139°1.4591" E | 30°57.7684" S |
| 9:14:59 AM 11/24/2006 | 87 | 1 139°1.4574" E | 30°57.7681" S |
| 9:15:01 AM 11/24/2006 | 71 | 1 139°1.4557" E | 30°57.7679" S |
| 9:15:02 AM 11/24/2006 | 62 | 1 139°1.4550" E | 30°57.7677" S |
| 9:15:05 AM 11/24/2006 | 84 | 1 139°1.4534" E | 30°57.7671" S |
| 9:15:05 AM 11/24/2006 | 52 | 1 139°1.4534" E | 30°57.7671" S |
| 9:15:06 AM 11/24/2006 | 69 | 1 139°1.4534" E | 30°57.7671" S |
| 9:15:07 AM 11/24/2006 | 72 | 1 139°1.4501" E | 30°57.7660" S |
| 9:15:08 AM 11/24/2006 | 76 | 1 139°1.4492" E | 30°57.7658" S |
| 9:15:09 AM 11/24/2006 | 79 | 1 139°1.4484" E | 30°57.7655" S |
| 9:15:10 AM 11/24/2006 | 86 | 1 139°1.4484" E | 30°57.7655" S |
| 9:15:11 AM 11/24/2006 | 94 | 1 139°1.4469" E | 30°57.7650" S |
| 9:15:12 AM 11/24/2006 | 57 | 1 139°1.4469" E | 30°57.7650" S |
| 9:15:14 AM 11/24/2006 | 85 | 1 139°1.4454" E | 30°57.7645" S |
| 9:15:15 AM 11/24/2006 | 60 | 1 139°1.4454" E | 30°57.7645" S |
| 9:15:16 AM 11/24/2006 | 56 | 1 139°1.4437" E | 30°57.7637" S |
| 9:15:17 AM 11/24/2006 | 83 | 1 139°1.4437" E | 30°57.7637" S |
| 9:15:21 AM 11/24/2006 | 78 | 1 139°1.4409" E | 30°57.7624" S |
| 9:15:22 AM 11/24/2006 | 65 | 1 139°1.4395" E | 30°57.7620" S |
| 9:15:23 AM 11/24/2006 | 62 | 1 139°1.4395" E | 30°57.7620" S |
| 9:15:24 AM 11/24/2006 | 80 | 1 139°1.4381" E | 30°57.7614" S |
| 9:15:25 AM 11/24/2006 | 71 | 1 139°1.4381" E | 30°57.7614" S |
| 9:15:26 AM 11/24/2006 | 70 | 1 139°1.4366" E | 30°57.7607" S |
| 9:15:27 AM 11/24/2006 | 68 | 1 139°1.4359" E | 30°57.7602" S |
| 9:15:27 AM 11/24/2006 | 76 | 1 139°1.4359" E | 30°57.7602" S |
| 9:15:28 AM 11/24/2006 | 84 | 1 139°1.4300" E | 30°57.7584" S |
| 9:15:29 AM 11/24/2006 | 69 | 1 139°1.4300" E | 30°57.7584" S |
| 9:15:30 AM 11/24/2006 | 65 | 1 139°1.4300" E | 30°57.7584" S |
| 9:15:31 AM 11/24/2006 | 67 | 1 139°1.4286" E | 30°57.7584" S |
| 9:15:33 AM 11/24/2006 | 92 | 1 139°1.4268" E | 30°57.7569" S |
| 9:15:34 AM 11/24/2006 | 75 | 1 139°1.4261" E | 30°57.7566" S |
| 9:15:35 AM 11/24/2006 | 88 | 1 139°1.4261" E | 30°57.7566" S |
| 9:15:37 AM 11/24/2006 | 77 | 1 139°1.4261" E | 30°57.7566" S |
| 9:15:38 AM 11/24/2006 | 80 | 1 139°1.4239" E | 30°57.7558" S |
| 9:15:39 AM 11/24/2006 | 72 | 1 139°1.4239" E | 30°57.7558" S |
| 9:15:41 AM 11/24/2006 | 70 | 1 139°1.4239" E | 30°57.7558" S |
| 9:15:42 AM 11/24/2006 | 67 | 1 139°1.4239" E | 30°57.7558" S |
| 9:15:45 AM 11/24/2006 | 71 | 1 139°1.4208" E | 30°57.7550" S |
| 9:15:46 AM 11/24/2006 | 68 | 1 139°1.4208" E | 30°57.7550" S |
| 9:15:47 AM 11/24/2006 | 68 | 1 139°1.4208" E | 30°57.7550" S |
| 9:15:50 AM 11/24/2006 | 59 | 1 139°1.4187" E | 30°57.7542" S |
| 9:15:51 AM 11/24/2006 | 76 | 1 139°1.4173" E | 30°57.7539" S |
| 9:15:53 AM 11/24/2006 | 65 | 1 139°1.4173" E | 30°57.7539" S |
| 9:15:54 AM 11/24/2006 | 70 | 1 139°1.4173" E | 30°57.7539" S |
| 9:15:55 AM 11/24/2006 | 74 | 1 139°1.4149" E | 30°57.7536" S |
| 9:15:58 AM 11/24/2006 | 71 | 1 139°1.4134" E | 30°57.7531" S |
| 9:15:59 AM 11/24/2006 | 80 | 1 139°1.4134" E | 30°57.7531" S |
| 9:16:01 AM 11/24/2006 | 78 | 1 139°1.4118" E | 30°57.7526" S |
| 9:16:02 AM 11/24/2006 | 76 | 1 139°1.4110" E | 30°57.7524" S |
| 9:16:04 AM 11/24/2006 | 69 | 1 139°1.4110" E | 30°57.7524" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 2**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 9:16:05 AM 11/24/2006 | 88 | 1 139°1.4094" E | 30°57.7518" S |
| 9:16:06 AM 11/24/2006 | 71 | 1 139°1.4086" E | 30°57.7516" S |
| 9:16:10 AM 11/24/2006 | 77 | 1 139°1.4071" E | 30°57.7509" S |
| 9:16:12 AM 11/24/2006 | 77 | 1 139°1.4071" E | 30°57.7509" S |
| 9:16:13 AM 11/24/2006 | 87 | 1 139°1.4071" E | 30°57.7509" S |
| 9:16:14 AM 11/24/2006 | 79 | 1 139°1.4040" E | 30°57.7499" S |
| 9:16:15 AM 11/24/2006 | 59 | 1 139°1.4040" E | 30°57.7499" S |
| 9:16:17 AM 11/24/2006 | 67 | 1 139°1.4040" E | 30°57.7499" S |
| 9:16:19 AM 11/24/2006 | 80 | 1 139°1.4040" E | 30°57.7499" S |
| 9:16:20 AM 11/24/2006 | 76 | 1 139°1.4008" E | 30°57.7490" S |
| 9:16:21 AM 11/24/2006 | 96 | 1 139°1.4001" E | 30°57.7487" S |
| 9:16:22 AM 11/24/2006 | 70 | 1 139°1.4001" E | 30°57.7487" S |
| 9:16:24 AM 11/24/2006 | 68 | 1 139°1.3988" E | 30°57.7481" S |
| 9:16:27 AM 11/24/2006 | 69 | 1 139°1.3970" E | 30°57.7475" S |
| 9:16:29 AM 11/24/2006 | 76 | 1 139°1.3959" E | 30°57.7469" S |
| 9:16:30 AM 11/24/2006 | 72 | 1 139°1.3947" E | 30°57.7461" S |
| 9:16:30 AM 11/24/2006 | 81 | 1 139°1.3947" E | 30°57.7461" S |
| 9:16:35 AM 11/24/2006 | 82 | 1 139°1.3914" E | 30°57.7444" S |
| 9:16:36 AM 11/24/2006 | 70 | 1 139°1.3899" E | 30°57.7440" S |
| 9:16:37 AM 11/24/2006 | 83 | 1 139°1.3899" E | 30°57.7440" S |
| 9:16:39 AM 11/24/2006 | 56 | 1 139°1.3886" E | 30°57.7433" S |
| 9:16:40 AM 11/24/2006 | 60 | 1 139°1.3886" E | 30°57.7433" S |
| 9:16:41 AM 11/24/2006 | 87 | 1 139°1.3886" E | 30°57.7433" S |
| 9:16:42 AM 11/24/2006 | 79 | 1 139°1.3865" E | 30°57.7427" S |
| 9:16:44 AM 11/24/2006 | 77 | 1 139°1.3865" E | 30°57.7427" S |
| 9:16:46 AM 11/24/2006 | 64 | 1 139°1.3851" E | 30°57.7424" S |
| 9:16:47 AM 11/24/2006 | 71 | 1 139°1.3851" E | 30°57.7424" S |
| 9:16:49 AM 11/24/2006 | 80 | 1 139°1.3829" E | 30°57.7417" S |
| 9:16:50 AM 11/24/2006 | 84 | 1 139°1.3829" E | 30°57.7417" S |
| 9:16:52 AM 11/24/2006 | 73 | 1 139°1.3817" E | 30°57.7412" S |
| 9:16:53 AM 11/24/2006 | 68 | 1 139°1.3817" E | 30°57.7412" S |
| 9:16:54 AM 11/24/2006 | 81 | 1 139°1.3805" E | 30°57.7406" S |
| 9:16:54 AM 11/24/2006 | 77 | 1 139°1.3805" E | 30°57.7406" S |
| 9:16:55 AM 11/24/2006 | 78 | 1 139°1.3805" E | 30°57.7406" S |
| 9:16:56 AM 11/24/2006 | 65 | 1 139°1.3805" E | 30°57.7406" S |
| 9:16:57 AM 11/24/2006 | 73 | 1 139°1.3805" E | 30°57.7406" S |
| 9:16:57 AM 11/24/2006 | 84 | 1 139°1.3805" E | 30°57.7406" S |
| 9:17:00 AM 11/24/2006 | 68 | 1 139°1.3703" E | 30°57.7380" S |
| 9:17:01 AM 11/24/2006 | 69 | 1 139°1.3703" E | 30°57.7380" S |
| 9:17:01 AM 11/24/2006 | 70 | 1 139°1.3703" E | 30°57.7380" S |
| 9:17:03 AM 11/24/2006 | 85 | 1 139°1.3679" E | 30°57.7372" S |
| 9:17:05 AM 11/24/2006 | 69 | 1 139°1.3679" E | 30°57.7372" S |
| 9:17:08 AM 11/24/2006 | 66 | 1 139°1.3640" E | 30°57.7354" S |
| 9:17:09 AM 11/24/2006 | 64 | 1 139°1.3640" E | 30°57.7354" S |
| 9:17:10 AM 11/24/2006 | 77 | 1 139°1.3640" E | 30°57.7354" S |
| 9:17:10 AM 11/24/2006 | 97 | 1 139°1.3640" E | 30°57.7354" S |
| 9:17:11 AM 11/24/2006 | 64 | 1 139°1.3640" E | 30°57.7354" S |
| 9:17:12 AM 11/24/2006 | 84 | 1 139°1.3640" E | 30°57.7354" S |
| 9:17:13 AM 11/24/2006 | 66 | 1 139°1.3640" E | 30°57.7354" S |
| 9:17:15 AM 11/24/2006 | 77 | 1 139°1.3640" E | 30°57.7354" S |
| 9:21:39 AM 11/24/2006 | 68 | 1 139°1.3292" E | 30°57.7258" S |
| 9:21:40 AM 11/24/2006 | 73 | 1 139°1.3292" E | 30°57.7258" S |
| 9:21:42 AM 11/24/2006 | 62 | 1 139°1.3292" E | 30°57.7258" S |
| 9:21:44 AM 11/24/2006 | 54 | 1 139°1.3292" E | 30°57.7258" S |
| 9:21:45 AM 11/24/2006 | 71 | 1 139°1.3292" E | 30°57.7258" S |
| 9:21:46 AM 11/24/2006 | 75 | 1 139°1.3292" E | 30°57.7258" S |
| 9:21:47 AM 11/24/2006 | 96 | 1 139°1.3292" E | 30°57.7258" S |
| 9:21:49 AM 11/24/2006 | 86 | 1 139°1.3292" E | 30°57.7258" S |
| 9:21:52 AM 11/24/2006 | 90 | 1 139°1.3271" E | 30°57.7247" S |
| 9:21:53 AM 11/24/2006 | 69 | 1 139°1.3271" E | 30°57.7247" S |
| 9:21:54 AM 11/24/2006 | 77 | 1 139°1.3271" E | 30°57.7247" S |
| 9:21:56 AM 11/24/2006 | 66 | 1 139°1.3271" E | 30°57.7247" S |
| 9:21:57 AM 11/24/2006 | 66 | 1 139°1.3231" E | 30°57.7226" S |
| 9:22:00 AM 11/24/2006 | 68 | 1 139°1.3223" E | 30°57.7222" S |
| 9:22:01 AM 11/24/2006 | 62 | 1 139°1.3223" E | 30°57.7222" S |
| 9:22:02 AM 11/24/2006 | 77 | 1 139°1.3198" E | 30°57.7217" S |
| 9:22:03 AM 11/24/2006 | 74 | 1 139°1.3191" E | 30°57.7215" S |
| 9:22:04 AM 11/24/2006 | 76 | 1 139°1.3182" E | 30°57.7212" S |
| 9:22:05 AM 11/24/2006 | 66 | 1 139°1.3174" E | 30°57.7209" S |
| 9:22:07 AM 11/24/2006 | 82 | 1 139°1.3174" E | 30°57.7209" S |
| 9:22:08 AM 11/24/2006 | 83 | 1 139°1.3160" E | 30°57.7203" S |
| 9:22:09 AM 11/24/2006 | 76 | 1 139°1.3160" E | 30°57.7203" S |
| 9:22:10 AM 11/24/2006 | 89 | 1 139°1.3145" E | 30°57.7199" S |
| 9:22:14 AM 11/24/2006 | 88 | 1 139°1.3129" E | 30°57.7195" S |
| 9:22:16 AM 11/24/2006 | 77 | 1 139°1.3129" E | 30°57.7195" S |
| 9:22:18 AM 11/24/2006 | 74 | 1 139°1.3102" E | 30°57.7183" S |
| 9:22:21 AM 11/24/2006 | 83 | 1 139°1.3086" E | 30°57.7176" S |
| 9:22:24 AM 11/24/2006 | 85 | 1 139°1.3071" E | 30°57.7169" S |
| 9:22:25 AM 11/24/2006 | 64 | 1 139°1.3054" E | 30°57.7162" S |
| 9:22:27 AM 11/24/2006 | 85 | 1 139°1.3054" E | 30°57.7162" S |



**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 2**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 9:22:28 AM 11/24/2006 | 70 | 1 139°1.3038" E | 30°57.7154" S |
| 9:22:30 AM 11/24/2006 | 60 | 1 139°1.3030" E | 30°57.7151" S |
| 9:22:31 AM 11/24/2006 | 75 | 1 139°1.3022" E | 30°57.7147" S |
| 9:22:32 AM 11/24/2006 | 77 | 1 139°1.3015" E | 30°57.7143" S |
| 9:22:34 AM 11/24/2006 | 91 | 1 139°1.3015" E | 30°57.7143" S |
| 9:22:35 AM 11/24/2006 | 65 | 1 139°1.2998" E | 30°57.7137" S |
| 9:22:36 AM 11/24/2006 | 73 | 1 139°1.2991" E | 30°57.7134" S |
| 9:22:36 AM 11/24/2006 | 79 | 1 139°1.2991" E | 30°57.7134" S |
| 9:22:37 AM 11/24/2006 | 62 | 1 139°1.2977" E | 30°57.7130" S |
| 9:22:39 AM 11/24/2006 | 83 | 1 139°1.2977" E | 30°57.7130" S |
| 9:22:40 AM 11/24/2006 | 82 | 1 139°1.2977" E | 30°57.7130" S |
| 9:22:41 AM 11/24/2006 | 78 | 1 139°1.2955" E | 30°57.7121" S |
| 9:22:43 AM 11/24/2006 | 76 | 1 139°1.2955" E | 30°57.7121" S |
| 9:22:44 AM 11/24/2006 | 73 | 1 139°1.2940" E | 30°57.7113" S |
| 9:22:47 AM 11/24/2006 | 78 | 1 139°1.2940" E | 30°57.7113" S |
| 9:22:48 AM 11/24/2006 | 79 | 1 139°1.2918" E | 30°57.7102" S |
| 9:22:49 AM 11/24/2006 | 72 | 1 139°1.2902" E | 30°57.7095" S |
| 9:22:51 AM 11/24/2006 | 83 | 1 139°1.2894" E | 30°57.7091" S |
| 9:22:53 AM 11/24/2006 | 76 | 1 139°1.2887" E | 30°57.7089" S |
| 9:22:54 AM 11/24/2006 | 91 | 1 139°1.2881" E | 30°57.7086" S |
| 9:22:56 AM 11/24/2006 | 82 | 1 139°1.2877" E | 30°57.7082" S |
| 9:22:58 AM 11/24/2006 | 85 | 1 139°1.2877" E | 30°57.7082" S |
| 9:23:00 AM 11/24/2006 | 80 | 1 139°1.2873" E | 30°57.7065" S |
| 9:23:00 AM 11/24/2006 | 84 | 1 139°1.2873" E | 30°57.7065" S |
| 9:23:02 AM 11/24/2006 | 74 | 1 139°1.2860" E | 30°57.7062" S |
| 9:23:05 AM 11/24/2006 | 83 | 1 139°1.2860" E | 30°57.7062" S |
| 9:23:06 AM 11/24/2006 | 85 | 1 139°1.2849" E | 30°57.7060" S |
| 9:23:07 AM 11/24/2006 | 83 | 1 139°1.2843" E | 30°57.7058" S |
| 9:23:08 AM 11/24/2006 | 71 | 1 139°1.2843" E | 30°57.7058" S |
| 9:23:10 AM 11/24/2006 | 86 | 1 139°1.2828" E | 30°57.7052" S |
| 9:23:11 AM 11/24/2006 | 77 | 1 139°1.2828" E | 30°57.7052" S |
| 9:23:14 AM 11/24/2006 | 69 | 1 139°1.2809" E | 30°57.7048" S |
| 9:23:15 AM 11/24/2006 | 60 | 1 139°1.2809" E | 30°57.7048" S |
| 9:23:17 AM 11/24/2006 | 86 | 1 139°1.2796" E | 30°57.7042" S |
| 9:23:20 AM 11/24/2006 | 71 | 1 139°1.2779" E | 30°57.7039" S |
| 9:23:21 AM 11/24/2006 | 82 | 1 139°1.2770" E | 30°57.7038" S |
| 9:23:22 AM 11/24/2006 | 77 | 1 139°1.2762" E | 30°57.7037" S |
| 9:23:23 AM 11/24/2006 | 74 | 1 139°1.2762" E | 30°57.7037" S |
| 9:23:26 AM 11/24/2006 | 73 | 1 139°1.2733" E | 30°57.7043" S |
| 9:23:27 AM 11/24/2006 | 73 | 1 139°1.2733" E | 30°57.7043" S |
| 9:23:28 AM 11/24/2006 | 74 | 1 139°1.2718" E | 30°57.7040" S |
| 9:23:32 AM 11/24/2006 | 64 | 1 139°1.2702" E | 30°57.7036" S |
| 9:23:34 AM 11/24/2006 | 86 | 1 139°1.2688" E | 30°57.7026" S |
| 9:23:36 AM 11/24/2006 | 75 | 1 139°1.2688" E | 30°57.7026" S |
| 9:23:38 AM 11/24/2006 | 83 | 1 139°1.2671" E | 30°57.7010" S |
| 9:23:38 AM 11/24/2006 | 84 | 1 139°1.2671" E | 30°57.7010" S |
| 9:23:40 AM 11/24/2006 | 76 | 1 139°1.2671" E | 30°57.7010" S |
| 9:23:41 AM 11/24/2006 | 72 | 1 139°1.2671" E | 30°57.7010" S |
| 9:23:43 AM 11/24/2006 | 68 | 1 139°1.2671" E | 30°57.7010" S |
| 9:23:47 AM 11/24/2006 | 74 | 1 139°1.2632" E | 30°57.6984" S |
| 9:23:49 AM 11/24/2006 | 65 | 1 139°1.2620" E | 30°57.6977" S |
| 9:23:51 AM 11/24/2006 | 68 | 1 139°1.2620" E | 30°57.6977" S |
| 9:23:52 AM 11/24/2006 | 72 | 1 139°1.2620" E | 30°57.6977" S |
| 9:23:54 AM 11/24/2006 | 79 | 1 139°1.2599" E | 30°57.6966" S |
| 9:23:55 AM 11/24/2006 | 61 | 1 139°1.2599" E | 30°57.6966" S |
| 9:23:56 AM 11/24/2006 | 72 | 1 139°1.2585" E | 30°57.6958" S |
| 9:23:58 AM 11/24/2006 | 65 | 1 139°1.2585" E | 30°57.6958" S |
| 9:24:00 AM 11/24/2006 | 60 | 1 139°1.2571" E | 30°57.6949" S |
| 9:24:01 AM 11/24/2006 | 75 | 1 139°1.2571" E | 30°57.6949" S |
| 9:24:03 AM 11/24/2006 | 74 | 1 139°1.2559" E | 30°57.6943" S |
| 9:24:04 AM 11/24/2006 | 73 | 1 139°1.2553" E | 30°57.6939" S |
| 9:24:06 AM 11/24/2006 | 79 | 1 139°1.2553" E | 30°57.6939" S |
| 9:24:08 AM 11/24/2006 | 58 | 1 139°1.2543" E | 30°57.6932" S |
| 9:24:09 AM 11/24/2006 | 74 | 1 139°1.2536" E | 30°57.6929" S |
| 9:24:10 AM 11/24/2006 | 60 | 1 139°1.2529" E | 30°57.6925" S |
| 9:24:11 AM 11/24/2006 | 63 | 1 139°1.2521" E | 30°57.6922" S |
| 9:24:13 AM 11/24/2006 | 74 | 1 139°1.2521" E | 30°57.6922" S |
| 9:24:14 AM 11/24/2006 | 66 | 1 139°1.2521" E | 30°57.6922" S |
| 9:24:16 AM 11/24/2006 | 72 | 1 139°1.2498" E | 30°57.6913" S |
| 9:24:17 AM 11/24/2006 | 65 | 1 139°1.2498" E | 30°57.6913" S |
| 9:24:18 AM 11/24/2006 | 62 | 1 139°1.2484" E | 30°57.6906" S |
| 9:24:21 AM 11/24/2006 | 62 | 1 139°1.2468" E | 30°57.6898" S |
| 9:24:22 AM 11/24/2006 | 66 | 1 139°1.2461" E | 30°57.6894" S |
| 9:24:24 AM 11/24/2006 | 81 | 1 139°1.2453" E | 30°57.6892" S |
| 9:24:25 AM 11/24/2006 | 54 | 1 139°1.2445" E | 30°57.6888" S |
| 9:24:26 AM 11/24/2006 | 52 | 1 139°1.2445" E | 30°57.6888" S |
| 9:24:28 AM 11/24/2006 | 72 | 1 139°1.2428" E | 30°57.6883" S |
| 9:24:29 AM 11/24/2006 | 71 | 1 139°1.2421" E | 30°57.6881" S |
| 9:24:32 AM 11/24/2006 | 71 | 1 139°1.2413" E | 30°57.6878" S |
| 9:24:33 AM 11/24/2006 | 73 | 1 139°1.2413" E | 30°57.6878" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 2**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 9:24:35 AM 11/24/2006 | 78 | 1 139°1.2392" E | 30°57.6875" S |
| 9:24:36 AM 11/24/2006 | 77 | 1 139°1.2392" E | 30°57.6875" S |
| 9:24:38 AM 11/24/2006 | 54 | 1 139°1.2370" E | 30°57.6866" S |
| 9:24:40 AM 11/24/2006 | 67 | 1 139°1.2370" E | 30°57.6866" S |
| 9:24:42 AM 11/24/2006 | 70 | 1 139°1.2370" E | 30°57.6866" S |
| 9:24:43 AM 11/24/2006 | 77 | 1 139°1.2349" E | 30°57.6854" S |
| 9:24:44 AM 11/24/2006 | 79 | 1 139°1.2349" E | 30°57.6854" S |
| 9:24:45 AM 11/24/2006 | 71 | 1 139°1.2334" E | 30°57.6847" S |
| 9:24:46 AM 11/24/2006 | 72 | 1 139°1.2334" E | 30°57.6847" S |
| 9:24:48 AM 11/24/2006 | 73 | 1 139°1.2334" E | 30°57.6847" S |
| 9:24:51 AM 11/24/2006 | 72 | 1 139°1.2305" E | 30°57.6838" S |
| 9:24:52 AM 11/24/2006 | 66 | 1 139°1.2305" E | 30°57.6838" S |
| 9:24:55 AM 11/24/2006 | 74 | 1 139°1.2282" E | 30°57.6830" S |
| 9:24:56 AM 11/24/2006 | 53 | 1 139°1.2282" E | 30°57.6830" S |
| 9:24:59 AM 11/24/2006 | 57 | 1 139°1.2258" E | 30°57.6822" S |
| 9:25:00 AM 11/24/2006 | 58 | 1 139°1.2258" E | 30°57.6822" S |
| 9:25:02 AM 11/24/2006 | 72 | 1 139°1.2258" E | 30°57.6822" S |
| 9:25:03 AM 11/24/2006 | 66 | 1 139°1.2231" E | 30°57.6813" S |
| 9:25:04 AM 11/24/2006 | 60 | 1 139°1.2231" E | 30°57.6813" S |
| 9:25:07 AM 11/24/2006 | 60 | 1 139°1.2200" E | 30°57.6797" S |
| 9:25:08 AM 11/24/2006 | 71 | 1 139°1.2194" E | 30°57.6792" S |
| 9:25:09 AM 11/24/2006 | 74 | 1 139°1.2188" E | 30°57.6787" S |
| 9:25:10 AM 11/24/2006 | 77 | 1 139°1.2181" E | 30°57.6782" S |
| 9:25:11 AM 11/24/2006 | 76 | 1 139°1.2181" E | 30°57.6782" S |
| 9:25:12 AM 11/24/2006 | 58 | 1 139°1.2166" E | 30°57.6773" S |
| 9:25:13 AM 11/24/2006 | 75 | 1 139°1.2159" E | 30°57.6769" S |
| 9:25:14 AM 11/24/2006 | 68 | 1 139°1.2151" E | 30°57.6765" S |
| 9:25:15 AM 11/24/2006 | 61 | 1 139°1.2144" E | 30°57.6762" S |
| 9:25:15 AM 11/24/2006 | 67 | 1 139°1.2144" E | 30°57.6762" S |
| 9:25:18 AM 11/24/2006 | 60 | 1 139°1.2144" E | 30°57.6762" S |
| 9:25:19 AM 11/24/2006 | 68 | 1 139°1.2144" E | 30°57.6762" S |
| 9:25:20 AM 11/24/2006 | 77 | 1 139°1.2144" E | 30°57.6762" S |
| 9:25:21 AM 11/24/2006 | 71 | 1 139°1.2144" E | 30°57.6762" S |
| 9:25:22 AM 11/24/2006 | 62 | 1 139°1.2144" E | 30°57.6762" S |
| 9:25:46 AM 11/24/2006 | 72 | 1 139°1.1783" E | 30°57.6590" S |
| 9:25:47 AM 11/24/2006 | 82 | 1 139°1.1783" E | 30°57.6590" S |
| 9:25:48 AM 11/24/2006 | 63 | 1 139°1.1783" E | 30°57.6590" S |
| 9:25:53 AM 11/24/2006 | 87 | 1 139°1.1747" E | 30°57.6573" S |
| 9:25:54 AM 11/24/2006 | 76 | 1 139°1.1740" E | 30°57.6570" S |
| 9:25:56 AM 11/24/2006 | 89 | 1 139°1.1728" E | 30°57.6565" S |
| 9:25:57 AM 11/24/2006 | 75 | 1 139°1.1728" E | 30°57.6565" S |
| 9:25:58 AM 11/24/2006 | 68 | 1 139°1.1728" E | 30°57.6565" S |
| 9:25:59 AM 11/24/2006 | 67 | 1 139°1.1728" E | 30°57.6565" S |
| 9:26:00 AM 11/24/2006 | 50 | 1 139°1.1728" E | 30°57.6565" S |
| 9:26:01 AM 11/24/2006 | 73 | 1 139°1.1728" E | 30°57.6565" S |
| 9:26:02 AM 11/24/2006 | 59 | 1 139°1.1728" E | 30°57.6565" S |
| 9:26:03 AM 11/24/2006 | 78 | 1 139°1.1728" E | 30°57.6565" S |
| 9:26:04 AM 11/24/2006 | 55 | 1 139°1.1648" E | 30°57.6523" S |
| 9:26:06 AM 11/24/2006 | 88 | 1 139°1.1648" E | 30°57.6523" S |
| 9:26:07 AM 11/24/2006 | 68 | 1 139°1.1648" E | 30°57.6523" S |
| 9:26:07 AM 11/24/2006 | 62 | 1 139°1.1648" E | 30°57.6523" S |
| 9:26:08 AM 11/24/2006 | 66 | 1 139°1.1648" E | 30°57.6523" S |
| 9:26:11 AM 11/24/2006 | 80 | 1 139°1.1648" E | 30°57.6523" S |
| 9:26:12 AM 11/24/2006 | 72 | 1 139°1.1583" E | 30°57.6494" S |
| 9:26:13 AM 11/24/2006 | 70 | 1 139°1.1576" E | 30°57.6489" S |
| 9:26:13 AM 11/24/2006 | 65 | 1 139°1.1568" E | 30°57.6485" S |
| 9:26:15 AM 11/24/2006 | 77 | 1 139°1.1568" E | 30°57.6485" S |
| 9:26:16 AM 11/24/2006 | 73 | 1 139°1.1554" E | 30°57.6476" S |
| 9:26:19 AM 11/24/2006 | 71 | 1 139°1.1547" E | 30°57.6473" S |
| 9:26:20 AM 11/24/2006 | 82 | 1 139°1.1532" E | 30°57.6464" S |
| 9:26:22 AM 11/24/2006 | 71 | 1 139°1.1532" E | 30°57.6464" S |
| 9:26:23 AM 11/24/2006 | 68 | 1 139°1.1520" E | 30°57.6454" S |
| 9:26:25 AM 11/24/2006 | 77 | 1 139°1.1520" E | 30°57.6454" S |
| 9:26:26 AM 11/24/2006 | 81 | 1 139°1.1520" E | 30°57.6454" S |
| 9:26:27 AM 11/24/2006 | 75 | 1 139°1.1520" E | 30°57.6454" S |
| 9:26:29 AM 11/24/2006 | 72 | 1 139°1.1520" E | 30°57.6454" S |
| 9:26:32 AM 11/24/2006 | 72 | 1 139°1.1481" E | 30°57.6430" S |
| 9:26:33 AM 11/24/2006 | 62 | 1 139°1.1472" E | 30°57.6425" S |
| 9:26:35 AM 11/24/2006 | 64 | 1 139°1.1472" E | 30°57.6425" S |
| 9:26:37 AM 11/24/2006 | 59 | 1 139°1.1462" E | 30°57.6418" S |
| 9:26:38 AM 11/24/2006 | 61 | 1 139°1.1456" E | 30°57.6413" S |
| 9:26:39 AM 11/24/2006 | 69 | 1 139°1.1449" E | 30°57.6408" S |
| 9:26:40 AM 11/24/2006 | 71 | 1 139°1.1442" E | 30°57.6404" S |
| 9:26:42 AM 11/24/2006 | 62 | 1 139°1.1442" E | 30°57.6404" S |
| 9:26:44 AM 11/24/2006 | 59 | 1 139°1.1426" E | 30°57.6394" S |
| 9:26:45 AM 11/24/2006 | 64 | 1 139°1.1426" E | 30°57.6394" S |
| 9:26:46 AM 11/24/2006 | 67 | 1 139°1.1414" E | 30°57.6383" S |
| 9:26:47 AM 11/24/2006 | 67 | 1 139°1.1408" E | 30°57.6379" S |
| 9:26:49 AM 11/24/2006 | 67 | 1 139°1.1408" E | 30°57.6379" S |
| 9:26:52 AM 11/24/2006 | 68 | 1 139°1.1395" E | 30°57.6370" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 2**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 9:26:53 AM 11/24/2006 | 65 | 1 139°1.1395" E | 30°57.6370" S |
| 9:26:53 AM 11/24/2006 | 56 | 1 139°1.1395" E | 30°57.6370" S |
| 9:26:55 AM 11/24/2006 | 69 | 1 139°1.1395" E | 30°57.6370" S |
| 9:26:56 AM 11/24/2006 | 62 | 1 139°1.1355" E | 30°57.6346" S |
| 9:26:56 AM 11/24/2006 | 65 | 1 139°1.1348" E | 30°57.6341" S |
| 9:26:57 AM 11/24/2006 | 53 | 1 139°1.1342" E | 30°57.6337" S |
| 9:26:58 AM 11/24/2006 | 63 | 1 139°1.1342" E | 30°57.6337" S |
| 9:26:59 AM 11/24/2006 | 63 | 1 139°1.1342" E | 30°57.6337" S |
| 9:27:00 AM 11/24/2006 | 65 | 1 139°1.1322" E | 30°57.6322" S |
| 9:27:01 AM 11/24/2006 | 58 | 1 139°1.1322" E | 30°57.6322" S |
| 9:27:02 AM 11/24/2006 | 63 | 1 139°1.1305" E | 30°57.6314" S |
| 9:27:03 AM 11/24/2006 | 57 | 1 139°1.1298" E | 30°57.6310" S |
| 9:27:05 AM 11/24/2006 | 72 | 1 139°1.1298" E | 30°57.6310" S |
| 9:27:06 AM 11/24/2006 | 69 | 1 139°1.1283" E | 30°57.6303" S |
| 9:27:07 AM 11/24/2006 | 76 | 1 139°1.1275" E | 30°57.6299" S |
| 9:27:08 AM 11/24/2006 | 69 | 1 139°1.1275" E | 30°57.6299" S |
| 9:27:10 AM 11/24/2006 | 71 | 1 139°1.1275" E | 30°57.6299" S |
| 9:27:12 AM 11/24/2006 | 57 | 1 139°1.1275" E | 30°57.6299" S |
| 9:27:13 AM 11/24/2006 | 69 | 1 139°1.1241" E | 30°57.6284" S |
| 9:27:14 AM 11/24/2006 | 57 | 1 139°1.1233" E | 30°57.6281" S |
| 9:27:16 AM 11/24/2006 | 78 | 1 139°1.1225" E | 30°57.6277" S |
| 9:27:17 AM 11/24/2006 | 48 | 1 139°1.1225" E | 30°57.6277" S |
| 9:27:18 AM 11/24/2006 | 72 | 1 139°1.1225" E | 30°57.6277" S |
| 9:27:19 AM 11/24/2006 | 52 | 1 139°1.1155" E | 30°57.6234" S |
| 9:27:22 AM 11/24/2006 | 60 | 1 139°1.1155" E | 30°57.6234" S |
| 9:27:25 AM 11/24/2006 | 59 | 1 139°1.1128" E | 30°57.6219" S |
| 9:27:27 AM 11/24/2006 | 56 | 1 139°1.1114" E | 30°57.6210" S |
| 9:27:29 AM 11/24/2006 | 63 | 1 139°1.1114" E | 30°57.6210" S |
| 9:27:30 AM 11/24/2006 | 56 | 1 139°1.1102" E | 30°57.6199" S |
| 9:27:31 AM 11/24/2006 | 80 | 1 139°1.1095" E | 30°57.6195" S |
| 9:27:32 AM 11/24/2006 | 66 | 1 139°1.1087" E | 30°57.6191" S |
| 9:27:33 AM 11/24/2006 | 67 | 1 139°1.1079" E | 30°57.6188" S |
| 9:27:35 AM 11/24/2006 | 66 | 1 139°1.1079" E | 30°57.6188" S |
| 9:27:37 AM 11/24/2006 | 68 | 1 139°1.1067" E | 30°57.6176" S |
| 9:27:38 AM 11/24/2006 | 59 | 1 139°1.1062" E | 30°57.6170" S |
| 9:27:39 AM 11/24/2006 | 66 | 1 139°1.1056" E | 30°57.6165" S |
| 9:27:40 AM 11/24/2006 | 76 | 1 139°1.1049" E | 30°57.6162" S |
| 9:27:42 AM 11/24/2006 | 61 | 1 139°1.1042" E | 30°57.6159" S |
| 9:27:43 AM 11/24/2006 | 65 | 1 139°1.1042" E | 30°57.6159" S |
| 9:27:45 AM 11/24/2006 | 54 | 1 139°1.1028" E | 30°57.6149" S |
| 9:27:46 AM 11/24/2006 | 70 | 1 139°1.1022" E | 30°57.6145" S |
| 9:27:49 AM 11/24/2006 | 77 | 1 139°1.1009" E | 30°57.6135" S |
| 9:27:50 AM 11/24/2006 | 52 | 1 139°1.1009" E | 30°57.6135" S |
| 9:27:52 AM 11/24/2006 | 69 | 1 139°1.0997" E | 30°57.6126" S |
| 9:27:56 AM 11/24/2006 | 68 | 1 139°1.0978" E | 30°57.6110" S |
| 9:27:57 AM 11/24/2006 | 72 | 1 139°1.0971" E | 30°57.6104" S |
| 9:27:58 AM 11/24/2006 | 72 | 1 139°1.0971" E | 30°57.6104" S |
| 9:27:59 AM 11/24/2006 | 74 | 1 139°1.0959" E | 30°57.6095" S |
| 9:28:00 AM 11/24/2006 | 56 | 1 139°1.0959" E | 30°57.6095" S |
| 9:28:05 AM 11/24/2006 | 57 | 1 139°1.0941" E | 30°57.6074" S |
| 9:28:06 AM 11/24/2006 | 46 | 1 139°1.0930" E | 30°57.6059" S |
| 9:28:07 AM 11/24/2006 | 60 | 1 139°1.0925" E | 30°57.6053" S |
| 9:28:09 AM 11/24/2006 | 62 | 1 139°1.0925" E | 30°57.6053" S |
| 9:28:10 AM 11/24/2006 | 55 | 1 139°1.0925" E | 30°57.6053" S |
| 9:28:12 AM 11/24/2006 | 69 | 1 139°1.0906" E | 30°57.6038" S |
| 9:28:13 AM 11/24/2006 | 63 | 1 139°1.0899" E | 30°57.6036" S |
| 9:28:14 AM 11/24/2006 | 55 | 1 139°1.0893" E | 30°57.6033" S |
| 9:28:16 AM 11/24/2006 | 75 | 1 139°1.0893" E | 30°57.6033" S |
| 9:28:17 AM 11/24/2006 | 61 | 1 139°1.0893" E | 30°57.6033" S |
| 9:28:18 AM 11/24/2006 | 66 | 1 139°1.0893" E | 30°57.6033" S |
| 9:28:19 AM 11/24/2006 | 65 | 1 139°1.0829" E | 30°57.5983" S |
| 9:28:20 AM 11/24/2006 | 68 | 1 139°1.0823" E | 30°57.5976" S |
| 9:28:21 AM 11/24/2006 | 84 | 1 139°1.0817" E | 30°57.5969" S |
| 9:28:22 AM 11/24/2006 | 47 | 1 139°1.0811" E | 30°57.5963" S |
| 9:28:23 AM 11/24/2006 | 63 | 1 139°1.0811" E | 30°57.5963" S |
| 9:28:25 AM 11/24/2006 | 63 | 1 139°1.0799" E | 30°57.5951" S |
| 9:28:26 AM 11/24/2006 | 45 | 1 139°1.0787" E | 30°57.5940" S |
| 9:28:27 AM 11/24/2006 | 65 | 1 139°1.0781" E | 30°57.5935" S |
| 9:28:29 AM 11/24/2006 | 56 | 1 139°1.0781" E | 30°57.5935" S |
| 9:28:30 AM 11/24/2006 | 67 | 1 139°1.0762" E | 30°57.5920" S |
| 9:28:31 AM 11/24/2006 | 57 | 1 139°1.0755" E | 30°57.5914" S |
| 9:28:32 AM 11/24/2006 | 77 | 1 139°1.0748" E | 30°57.5908" S |
| 9:28:33 AM 11/24/2006 | 57 | 1 139°1.0748" E | 30°57.5908" S |
| 9:28:35 AM 11/24/2006 | 67 | 1 139°1.0676" E | 30°57.5847" S |
| 9:28:36 AM 11/24/2006 | 57 | 1 139°1.0676" E | 30°57.5847" S |
| 9:28:37 AM 11/24/2006 | 72 | 1 139°1.0662" E | 30°57.5841" S |
| 9:28:38 AM 11/24/2006 | 67 | 1 139°1.0656" E | 30°57.5837" S |
| 9:28:40 AM 11/24/2006 | 65 | 1 139°1.0643" E | 30°57.5830" S |
| 9:28:41 AM 11/24/2006 | 65 | 1 139°1.0643" E | 30°57.5830" S |
| 9:28:42 AM 11/24/2006 | 56 | 1 139°1.0629" E | 30°57.5822" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 2**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 9:28:43 AM 11/24/2006 | 65 | 1 139°1.0622" E | 30°57.5817" S |
| 9:28:44 AM 11/24/2006 | 62 | 1 139°1.0622" E | 30°57.5817" S |
| 9:28:47 AM 11/24/2006 | 76 | 1 139°1.0622" E | 30°57.5817" S |
| 9:28:48 AM 11/24/2006 | 71 | 1 139°1.0602" E | 30°57.5801" S |
| 9:28:49 AM 11/24/2006 | 73 | 1 139°1.0595" E | 30°57.5796" S |
| 9:28:50 AM 11/24/2006 | 76 | 1 139°1.0588" E | 30°57.5792" S |
| 9:28:51 AM 11/24/2006 | 62 | 1 139°1.0588" E | 30°57.5792" S |
| 9:28:51 AM 11/24/2006 | 76 | 1 139°1.0588" E | 30°57.5792" S |
| 9:28:52 AM 11/24/2006 | 57 | 1 139°1.0588" E | 30°57.5792" S |
| 9:28:54 AM 11/24/2006 | 58 | 1 139°1.0514" E | 30°57.5733" S |
| 9:28:55 AM 11/24/2006 | 83 | 1 139°1.0514" E | 30°57.5733" S |
| 9:28:56 AM 11/24/2006 | 65 | 1 139°1.0501" E | 30°57.5719" S |
| 9:28:57 AM 11/24/2006 | 77 | 1 139°1.0501" E | 30°57.5719" S |
| 9:28:59 AM 11/24/2006 | 66 | 1 139°1.0482" E | 30°57.5705" S |
| 9:29:00 AM 11/24/2006 | 77 | 1 139°1.0482" E | 30°57.5705" S |
| 9:29:01 AM 11/24/2006 | 74 | 1 139°1.0470" E | 30°57.5697" S |
| 9:29:01 AM 11/24/2006 | 65 | 1 139°1.0464" E | 30°57.5693" S |
| 9:29:02 AM 11/24/2006 | 76 | 1 139°1.0464" E | 30°57.5693" S |
| 9:29:04 AM 11/24/2006 | 84 | 1 139°1.0458" E | 30°57.5689" S |
| 9:29:06 AM 11/24/2006 | 66 | 1 139°1.0446" E | 30°57.5676" S |
| 9:29:07 AM 11/24/2006 | 67 | 1 139°1.0441" E | 30°57.5670" S |



## **APPENDIX 3**

### **Mt Roebuck ground radiometric traverse 2**

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|       |                                |                             |               |                 |               |
|-------|--------------------------------|-----------------------------|---------------|-----------------|---------------|
| H0002 | Version                        | 3                           |               |                 |               |
| H0003 | Date_generated                 | 24-Nov-06                   |               |                 |               |
| H0004 | Reporting_period_end_date      | 12-Oct-06                   |               |                 |               |
| H0005 | State                          | SA                          |               |                 |               |
| H0100 | Tenement_no                    | EL 3469                     |               |                 |               |
| H0101 | Tenement_holder                | Hindmarsh Resources Limited |               |                 |               |
| H0102 | Project_name                   | Mt Roeback                  |               |                 |               |
| H0106 | Tenement_operator              | Hindmarsh Resources Limited |               |                 |               |
| H0150 | 250K_map_sheet_number          | SH 5409                     |               |                 |               |
| H0151 | 100K_map_sheet_number          | 6736                        |               |                 |               |
| H0200 | Start_date_of_data_acquisition | 24_November_2006            |               |                 |               |
| H0201 | End_date_of_data_acquisition   | 24_November_2006            |               |                 |               |
| H0202 | Template_format                |                             |               |                 |               |
| H0203 | Number_of_data_records         | 1399                        |               |                 |               |
| H0204 | Date_of_metadata_update        | 16-Apr-07                   |               |                 |               |
| H0500 | Feature_code                   |                             |               |                 |               |
| H0501 | Geodetic_datum                 | WGS84                       |               |                 |               |
| H0502 | Vertical_datum                 | AHD                         |               |                 |               |
| H0503 | Projection                     | Transverse Mercator         |               |                 |               |
| H0530 | Coordinate_system              | GDA94                       |               |                 |               |
| H0531 | Projection_zone                | 54                          |               |                 |               |
| H0532 | Surveying_instrument           | Auslog GeoGAMMA v2.1        |               |                 |               |
| Time  | Date                           | Counts Per Second           | Sample Period | Longitude       | Latitude      |
|       | 1:47:23 PM 11/24/2006          |                             | 56            | 1 139°2.2937" E | 30°55.8669" S |
|       | 1:47:27 PM 11/24/2006          |                             | 57            | 1 139°2.2936" E | 30°55.8672" S |
|       | 1:47:29 PM 11/24/2006          |                             | 51            | 1 139°2.2937" E | 30°55.8671" S |
|       | 1:47:31 PM 11/24/2006          |                             | 40            | 1 139°2.2937" E | 30°55.8670" S |
|       | 1:47:33 PM 11/24/2006          |                             | 52            | 1 139°2.2938" E | 30°55.8665" S |
|       | 1:47:36 PM 11/24/2006          |                             | 51            | 1 139°2.2935" E | 30°55.8659" S |
|       | 1:47:39 PM 11/24/2006          |                             | 56            | 1 139°2.2934" E | 30°55.8656" S |
|       | 1:47:42 PM 11/24/2006          |                             | 63            | 1 139°2.2934" E | 30°55.8656" S |
|       | 1:47:45 PM 11/24/2006          |                             | 75            | 1 139°2.2932" E | 30°55.8652" S |
|       | 2:00:10 PM 11/24/2006          |                             | 81            | 1 139°2.3510" E | 30°55.7379" S |
|       | 2:00:11 PM 11/24/2006          |                             | 76            | 1 139°2.3510" E | 30°55.7379" S |
|       | 2:00:12 PM 11/24/2006          |                             | 73            | 1 139°2.3585" E | 30°55.7402" S |
|       | 2:00:14 PM 11/24/2006          |                             | 71            | 1 139°2.3585" E | 30°55.7402" S |
|       | 2:00:16 PM 11/24/2006          |                             | 63            | 1 139°2.3647" E | 30°55.7448" S |
|       | 2:00:17 PM 11/24/2006          |                             | 73            | 1 139°2.3678" E | 30°55.7474" S |
|       | 2:00:18 PM 11/24/2006          |                             | 77            | 1 139°2.3707" E | 30°55.7502" S |
|       | 2:00:19 PM 11/24/2006          |                             | 75            | 1 139°2.3707" E | 30°55.7502" S |
|       | 2:00:21 PM 11/24/2006          |                             | 66            | 1 139°2.3707" E | 30°55.7502" S |
|       | 2:00:23 PM 11/24/2006          |                             | 69            | 1 139°2.3707" E | 30°55.7502" S |
|       | 2:00:25 PM 11/24/2006          |                             | 60            | 1 139°2.3731" E | 30°55.7549" S |
|       | 2:00:26 PM 11/24/2006          |                             | 60            | 1 139°2.3701" E | 30°55.7546" S |
|       | 2:00:29 PM 11/24/2006          |                             | 70            | 1 139°2.3701" E | 30°55.7546" S |
|       | 2:00:31 PM 11/24/2006          |                             | 79            | 1 139°2.3624" E | 30°55.7524" S |
|       | 2:00:32 PM 11/24/2006          |                             | 84            | 1 139°2.3624" E | 30°55.7524" S |
|       | 2:00:33 PM 11/24/2006          |                             | 71            | 1 139°2.3581" E | 30°55.7500" S |
|       | 2:00:36 PM 11/24/2006          |                             | 78            | 1 139°2.3568" E | 30°55.7482" S |
|       | 2:00:37 PM 11/24/2006          |                             | 74            | 1 139°2.3562" E | 30°55.7473" S |
|       | 2:00:39 PM 11/24/2006          |                             | 74            | 1 139°2.3557" E | 30°55.7466" S |
|       | 2:00:40 PM 11/24/2006          |                             | 69            | 1 139°2.3550" E | 30°55.7458" S |
|       | 2:00:42 PM 11/24/2006          |                             | 62            | 1 139°2.3550" E | 30°55.7458" S |
|       | 2:00:43 PM 11/24/2006          |                             | 60            | 1 139°2.3550" E | 30°55.7458" S |
|       | 2:00:45 PM 11/24/2006          |                             | 85            | 1 139°2.3518" E | 30°55.7434" S |
|       | 2:00:46 PM 11/24/2006          |                             | 80            | 1 139°2.3507" E | 30°55.7429" S |
|       | 2:00:47 PM 11/24/2006          |                             | 65            | 1 139°2.3497" E | 30°55.7424" S |
|       | 2:00:49 PM 11/24/2006          |                             | 79            | 1 139°2.3497" E | 30°55.7424" S |
|       | 2:00:50 PM 11/24/2006          |                             | 64            | 1 139°2.3465" E | 30°55.7411" S |
|       | 2:00:51 PM 11/24/2006          |                             | 73            | 1 139°2.3465" E | 30°55.7411" S |
|       | 2:00:54 PM 11/24/2006          |                             | 78            | 1 139°2.3439" E | 30°55.7398" S |
|       | 2:00:58 PM 11/24/2006          |                             | 84            | 1 139°2.3433" E | 30°55.7394" S |
|       | 2:01:12 PM 11/24/2006          |                             | 67            | 1 139°2.3417" E | 30°55.7396" S |
|       | 2:01:13 PM 11/24/2006          |                             | 78            | 1 139°2.3432" E | 30°55.7408" S |
|       | 2:01:14 PM 11/24/2006          |                             | 70            | 1 139°2.3443" E | 30°55.7416" S |
|       | 2:01:15 PM 11/24/2006          |                             | 55            | 1 139°2.3443" E | 30°55.7416" S |
|       | 2:01:16 PM 11/24/2006          |                             | 79            | 1 139°2.3443" E | 30°55.7416" S |
|       | 2:01:17 PM 11/24/2006          |                             | 74            | 1 139°2.3461" E | 30°55.7420" S |
|       | 2:01:19 PM 11/24/2006          |                             | 59            | 1 139°2.3471" E | 30°55.7416" S |
|       | 2:01:20 PM 11/24/2006          |                             | 64            | 1 139°2.3479" E | 30°55.7416" S |
|       | 2:01:21 PM 11/24/2006          |                             | 68            | 1 139°2.3482" E | 30°55.7417" S |
|       | 2:01:22 PM 11/24/2006          |                             | 80            | 1 139°2.3486" E | 30°55.7422" S |
|       | 2:01:23 PM 11/24/2006          |                             | 81            | 1 139°2.3488" E | 30°55.7424" S |
|       | 2:01:24 PM 11/24/2006          |                             | 71            | 1 139°2.3494" E | 30°55.7431" S |
|       | 2:01:25 PM 11/24/2006          |                             | 74            | 1 139°2.3505" E | 30°55.7437" S |
|       | 2:01:26 PM 11/24/2006          |                             | 89            | 1 139°2.3516" E | 30°55.7441" S |
|       | 2:01:27 PM 11/24/2006          |                             | 67            | 1 139°2.3516" E | 30°55.7441" S |
|       | 2:01:27 PM 11/24/2006          |                             | 82            | 1 139°2.3516" E | 30°55.7441" S |
|       | 2:01:30 PM 11/24/2006          |                             | 59            | 1 139°2.3522" E | 30°55.7443" S |
|       | 2:01:31 PM 11/24/2006          |                             | 85            | 1 139°2.3528" E | 30°55.7453" S |
|       | 2:01:31 PM 11/24/2006          |                             | 79            | 1 139°2.3528" E | 30°55.7453" S |
|       | 2:01:33 PM 11/24/2006          |                             | 52            | 1 139°2.3528" E | 30°55.7453" S |
|       | 2:01:33 PM 11/24/2006          |                             | 77            | 1 139°2.3532" E | 30°55.7468" S |
|       | 2:01:34 PM 11/24/2006          |                             | 92            | 1 139°2.3533" E | 30°55.7470" S |
|       | 2:01:35 PM 11/24/2006          |                             | 87            | 1 139°2.3533" E | 30°55.7470" S |
|       | 2:01:37 PM 11/24/2006          |                             | 72            | 1 139°2.3541" E | 30°55.7491" S |
|       | 2:01:39 PM 11/24/2006          |                             | 68            | 1 139°2.3550" E | 30°55.7474" S |
|       | 2:01:39 PM 11/24/2006          |                             | 92            | 1 139°2.3550" E | 30°55.7474" S |
|       | 2:01:42 PM 11/24/2006          |                             | 89            | 1 139°2.3550" E | 30°55.7474" S |
|       | 2:01:44 PM 11/24/2006          |                             | 69            | 1 139°2.3550" E | 30°55.7474" S |
|       | 2:01:47 PM 11/24/2006          |                             | 90            | 1 139°2.3537" E | 30°55.7462" S |
|       | 2:01:49 PM 11/24/2006          |                             | 75            | 1 139°2.3535" E | 30°55.7465" S |
|       | 2:01:52 PM 11/24/2006          |                             | 81            | 1 139°2.3535" E | 30°55.7465" S |
|       | 2:01:53 PM 11/24/2006          |                             | 89            | 1 139°2.3535" E | 30°55.7465" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 3**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 2:01:54 PM 11/24/2006 | 82 | 1 139°2.3535" E | 30°55.7465" S |
| 2:01:56 PM 11/24/2006 | 57 | 1 139°2.3535" E | 30°55.7465" S |
| 2:01:58 PM 11/24/2006 | 79 | 1 139°2.3535" E | 30°55.7465" S |
| 2:02:00 PM 11/24/2006 | 86 | 1 139°2.3460" E | 30°55.7450" S |
| 2:02:02 PM 11/24/2006 | 70 | 1 139°2.3454" E | 30°55.7453" S |
| 2:02:04 PM 11/24/2006 | 80 | 1 139°2.3454" E | 30°55.7453" S |
| 2:02:05 PM 11/24/2006 | 66 | 1 139°2.3454" E | 30°55.7453" S |
| 2:02:06 PM 11/24/2006 | 75 | 1 139°2.3454" E | 30°55.7453" S |
| 2:02:07 PM 11/24/2006 | 83 | 1 139°2.3454" E | 30°55.7453" S |
| 2:02:09 PM 11/24/2006 | 65 | 1 139°2.3454" E | 30°55.7453" S |
| 2:02:11 PM 11/24/2006 | 63 | 1 139°2.3432" E | 30°55.7451" S |
| 2:02:12 PM 11/24/2006 | 72 | 1 139°2.3432" E | 30°55.7451" S |
| 2:02:14 PM 11/24/2006 | 65 | 1 139°2.3432" E | 30°55.7451" S |
| 2:02:15 PM 11/24/2006 | 77 | 1 139°2.3432" E | 30°55.7451" S |
| 2:02:16 PM 11/24/2006 | 86 | 1 139°2.3442" E | 30°55.7464" S |
| 2:02:17 PM 11/24/2006 | 62 | 1 139°2.3442" E | 30°55.7464" S |
| 2:02:18 PM 11/24/2006 | 62 | 1 139°2.3442" E | 30°55.7464" S |
| 2:02:19 PM 11/24/2006 | 71 | 1 139°2.3442" E | 30°55.7464" S |
| 2:02:19 PM 11/24/2006 | 82 | 1 139°2.3442" E | 30°55.7464" S |
| 2:02:20 PM 11/24/2006 | 80 | 1 139°2.3442" E | 30°55.7464" S |
| 2:02:21 PM 11/24/2006 | 80 | 1 139°2.3442" E | 30°55.7464" S |
| 2:02:22 PM 11/24/2006 | 90 | 1 139°2.3442" E | 30°55.7464" S |
| 2:02:23 PM 11/24/2006 | 79 | 1 139°2.3442" E | 30°55.7464" S |
| 2:02:24 PM 11/24/2006 | 78 | 1 139°2.3442" E | 30°55.7464" S |
| 2:02:25 PM 11/24/2006 | 73 | 1 139°2.3482" E | 30°55.7483" S |
| 2:02:26 PM 11/24/2006 | 79 | 1 139°2.3482" E | 30°55.7483" S |
| 2:02:26 PM 11/24/2006 | 61 | 1 139°2.3482" E | 30°55.7483" S |
| 2:02:27 PM 11/24/2006 | 79 | 1 139°2.3482" E | 30°55.7483" S |
| 2:02:28 PM 11/24/2006 | 70 | 1 139°2.3482" E | 30°55.7483" S |
| 2:02:30 PM 11/24/2006 | 61 | 1 139°2.3476" E | 30°55.7461" S |
| 2:02:31 PM 11/24/2006 | 72 | 1 139°2.3475" E | 30°55.7460" S |
| 2:02:33 PM 11/24/2006 | 62 | 1 139°2.3475" E | 30°55.7460" S |
| 2:02:34 PM 11/24/2006 | 78 | 1 139°2.3490" E | 30°55.7457" S |
| 2:02:36 PM 11/24/2006 | 70 | 1 139°2.3504" E | 30°55.7466" S |
| 2:02:37 PM 11/24/2006 | 58 | 1 139°2.3504" E | 30°55.7466" S |
| 2:02:41 PM 11/24/2006 | 78 | 1 139°2.3571" E | 30°55.7486" S |
| 2:02:42 PM 11/24/2006 | 79 | 1 139°2.3571" E | 30°55.7486" S |
| 2:02:43 PM 11/24/2006 | 70 | 1 139°2.3588" E | 30°55.7489" S |
| 2:02:44 PM 11/24/2006 | 80 | 1 139°2.3577" E | 30°55.7506" S |
| 2:02:44 PM 11/24/2006 | 83 | 1 139°2.3568" E | 30°55.7515" S |
| 2:02:46 PM 11/24/2006 | 67 | 1 139°2.3565" E | 30°55.7519" S |
| 2:02:46 PM 11/24/2006 | 57 | 1 139°2.3562" E | 30°55.7522" S |
| 2:02:47 PM 11/24/2006 | 69 | 1 139°2.3562" E | 30°55.7521" S |
| 2:02:48 PM 11/24/2006 | 60 | 1 139°2.3563" E | 30°55.7521" S |
| 2:02:50 PM 11/24/2006 | 74 | 1 139°2.3564" E | 30°55.7521" S |
| 2:02:51 PM 11/24/2006 | 73 | 1 139°2.3566" E | 30°55.7521" S |
| 2:02:51 PM 11/24/2006 | 73 | 1 139°2.3569" E | 30°55.7520" S |
| 2:02:52 PM 11/24/2006 | 73 | 1 139°2.3573" E | 30°55.7519" S |
| 2:02:53 PM 11/24/2006 | 73 | 1 139°2.3573" E | 30°55.7519" S |
| 2:02:54 PM 11/24/2006 | 71 | 1 139°2.3573" E | 30°55.7519" S |
| 2:02:55 PM 11/24/2006 | 74 | 1 139°2.3591" E | 30°55.7513" S |
| 2:02:56 PM 11/24/2006 | 65 | 1 139°2.3599" E | 30°55.7511" S |
| 2:02:58 PM 11/24/2006 | 73 | 1 139°2.3609" E | 30°55.7509" S |
| 2:02:59 PM 11/24/2006 | 58 | 1 139°2.3609" E | 30°55.7509" S |
| 2:03:00 PM 11/24/2006 | 76 | 1 139°2.3609" E | 30°55.7509" S |
| 2:03:02 PM 11/24/2006 | 62 | 1 139°2.3632" E | 30°55.7501" S |
| 2:03:03 PM 11/24/2006 | 67 | 1 139°2.3632" E | 30°55.7501" S |
| 2:03:04 PM 11/24/2006 | 81 | 1 139°2.3632" E | 30°55.7501" S |
| 2:03:05 PM 11/24/2006 | 59 | 1 139°2.3632" E | 30°55.7501" S |
| 2:03:07 PM 11/24/2006 | 80 | 1 139°2.3632" E | 30°55.7501" S |
| 2:03:08 PM 11/24/2006 | 72 | 1 139°2.3632" E | 30°55.7501" S |
| 2:03:10 PM 11/24/2006 | 51 | 1 139°2.3632" E | 30°55.7501" S |
| 2:03:11 PM 11/24/2006 | 67 | 1 139°2.3632" E | 30°55.7501" S |
| 2:03:14 PM 11/24/2006 | 76 | 1 139°2.3632" E | 30°55.7501" S |
| 2:03:15 PM 11/24/2006 | 65 | 1 139°2.3644" E | 30°55.7476" S |
| 2:03:16 PM 11/24/2006 | 63 | 1 139°2.3615" E | 30°55.7482" S |
| 2:03:18 PM 11/24/2006 | 52 | 1 139°2.3583" E | 30°55.7488" S |
| 2:03:19 PM 11/24/2006 | 70 | 1 139°2.3552" E | 30°55.7495" S |
| 2:03:20 PM 11/24/2006 | 68 | 1 139°2.3552" E | 30°55.7495" S |
| 2:03:23 PM 11/24/2006 | 82 | 1 139°2.3499" E | 30°55.7507" S |
| 2:03:24 PM 11/24/2006 | 80 | 1 139°2.3458" E | 30°55.7519" S |
| 2:03:25 PM 11/24/2006 | 71 | 1 139°2.3437" E | 30°55.7526" S |
| 2:03:27 PM 11/24/2006 | 72 | 1 139°2.3437" E | 30°55.7526" S |
| 2:03:27 PM 11/24/2006 | 82 | 1 139°2.3404" E | 30°55.7538" S |
| 2:03:28 PM 11/24/2006 | 88 | 1 139°2.3420" E | 30°55.7510" S |
| 2:03:29 PM 11/24/2006 | 64 | 1 139°2.3426" E | 30°55.7501" S |
| 2:03:30 PM 11/24/2006 | 73 | 1 139°2.3430" E | 30°55.7493" S |
| 2:03:32 PM 11/24/2006 | 54 | 1 139°2.3433" E | 30°55.7488" S |
| 2:03:32 PM 11/24/2006 | 75 | 1 139°2.3433" E | 30°55.7488" S |
| 2:03:33 PM 11/24/2006 | 73 | 1 139°2.3433" E | 30°55.7488" S |
| 2:03:34 PM 11/24/2006 | 68 | 1 139°2.3380" E | 30°55.7509" S |
| 2:03:35 PM 11/24/2006 | 81 | 1 139°2.3373" E | 30°55.7511" S |
| 2:03:36 PM 11/24/2006 | 73 | 1 139°2.3373" E | 30°55.7511" S |
| 2:03:37 PM 11/24/2006 | 77 | 1 139°2.3383" E | 30°55.7478" S |
| 2:03:37 PM 11/24/2006 | 63 | 1 139°2.3383" E | 30°55.7478" S |
| 2:03:38 PM 11/24/2006 | 74 | 1 139°2.3387" E | 30°55.7465" S |
| 2:03:39 PM 11/24/2006 | 68 | 1 139°2.3388" E | 30°55.7461" S |
| 2:03:40 PM 11/24/2006 | 74 | 1 139°2.3389" E | 30°55.7457" S |
| 2:03:42 PM 11/24/2006 | 77 | 1 139°2.3389" E | 30°55.7454" S |
| 2:03:44 PM 11/24/2006 | 67 | 1 139°2.3389" E | 30°55.7454" S |
| 2:03:44 PM 11/24/2006 | 67 | 1 139°2.3389" E | 30°55.7454" S |
| 2:03:45 PM 11/24/2006 | 81 | 1 139°2.3389" E | 30°55.7454" S |
| 2:03:46 PM 11/24/2006 | 78 | 1 139°2.3444" E | 30°55.7431" S |
| 2:03:46 PM 11/24/2006 | 81 | 1 139°2.3444" E | 30°55.7431" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|            |            |     |                 |               |
|------------|------------|-----|-----------------|---------------|
| 2:03:48 PM | 11/24/2006 | 92  | 1 139°2.3444" E | 30°55.7431" S |
| 2:03:49 PM | 11/24/2006 | 81  | 1 139°2.3459" E | 30°55.7431" S |
| 2:03:50 PM | 11/24/2006 | 72  | 1 139°2.3459" E | 30°55.7431" S |
| 2:03:52 PM | 11/24/2006 | 63  | 1 139°2.3459" E | 30°55.7431" S |
| 2:03:52 PM | 11/24/2006 | 79  | 1 139°2.3472" E | 30°55.7438" S |
| 2:03:53 PM | 11/24/2006 | 59  | 1 139°2.3481" E | 30°55.7443" S |
| 2:03:54 PM | 11/24/2006 | 74  | 1 139°2.3487" E | 30°55.7446" S |
| 2:03:55 PM | 11/24/2006 | 63  | 1 139°2.3489" E | 30°55.7448" S |
| 2:03:56 PM | 11/24/2006 | 82  | 1 139°2.3488" E | 30°55.7449" S |
| 2:03:57 PM | 11/24/2006 | 71  | 1 139°2.3482" E | 30°55.7449" S |
| 2:03:58 PM | 11/24/2006 | 108 | 1 139°2.3475" E | 30°55.7449" S |
| 2:03:59 PM | 11/24/2006 | 93  | 1 139°2.3466" E | 30°55.7448" S |
| 2:03:59 PM | 11/24/2006 | 67  | 1 139°2.3458" E | 30°55.7446" S |
| 2:04:01 PM | 11/24/2006 | 88  | 1 139°2.3458" E | 30°55.7446" S |
| 2:04:02 PM | 11/24/2006 | 79  | 1 139°2.3425" E | 30°55.7436" S |
| 2:04:03 PM | 11/24/2006 | 72  | 1 139°2.3412" E | 30°55.7432" S |
| 2:04:04 PM | 11/24/2006 | 80  | 1 139°2.3398" E | 30°55.7426" S |
| 2:04:05 PM | 11/24/2006 | 78  | 1 139°2.3385" E | 30°55.7419" S |
| 2:04:07 PM | 11/24/2006 | 79  | 1 139°2.3366" E | 30°55.7407" S |
| 2:04:08 PM | 11/24/2006 | 65  | 1 139°2.3366" E | 30°55.7407" S |
| 2:04:09 PM | 11/24/2006 | 60  | 1 139°2.3363" E | 30°55.7403" S |
| 2:04:10 PM | 11/24/2006 | 64  | 1 139°2.3360" E | 30°55.7401" S |
| 2:04:11 PM | 11/24/2006 | 70  | 1 139°2.3360" E | 30°55.7401" S |
| 2:04:12 PM | 11/24/2006 | 79  | 1 139°2.3356" E | 30°55.7401" S |
| 2:04:13 PM | 11/24/2006 | 86  | 1 139°2.3356" E | 30°55.7401" S |
| 2:04:15 PM | 11/24/2006 | 82  | 1 139°2.3356" E | 30°55.7413" S |
| 2:04:15 PM | 11/24/2006 | 67  | 1 139°2.3380" E | 30°55.7433" S |
| 2:04:17 PM | 11/24/2006 | 85  | 1 139°2.3384" E | 30°55.7436" S |
| 2:04:18 PM | 11/24/2006 | 68  | 1 139°2.3384" E | 30°55.7436" S |
| 2:04:19 PM | 11/24/2006 | 80  | 1 139°2.3387" E | 30°55.7437" S |
| 2:04:20 PM | 11/24/2006 | 75  | 1 139°2.3385" E | 30°55.7441" S |
| 2:04:22 PM | 11/24/2006 | 91  | 1 139°2.3384" E | 30°55.7441" S |
| 2:04:23 PM | 11/24/2006 | 76  | 1 139°2.3381" E | 30°55.7441" S |
| 2:04:24 PM | 11/24/2006 | 62  | 1 139°2.3381" E | 30°55.7441" S |
| 2:04:24 PM | 11/24/2006 | 76  | 1 139°2.3381" E | 30°55.7441" S |
| 2:04:25 PM | 11/24/2006 | 66  | 1 139°2.3381" E | 30°55.7441" S |
| 2:04:27 PM | 11/24/2006 | 67  | 1 139°2.3381" E | 30°55.7441" S |
| 2:04:28 PM | 11/24/2006 | 67  | 1 139°2.3381" E | 30°55.7441" S |
| 2:04:29 PM | 11/24/2006 | 75  | 1 139°2.3381" E | 30°55.7441" S |
| 2:04:30 PM | 11/24/2006 | 68  | 1 139°2.3381" E | 30°55.7441" S |
| 2:04:31 PM | 11/24/2006 | 65  | 1 139°2.3381" E | 30°55.7441" S |
| 2:05:32 PM | 11/24/2006 | 61  | 1 139°2.3485" E | 30°55.7488" S |
| 2:05:35 PM | 11/24/2006 | 80  | 1 139°2.3485" E | 30°55.7488" S |
| 2:05:39 PM | 11/24/2006 | 76  | 1 139°2.3485" E | 30°55.7488" S |
| 2:05:41 PM | 11/24/2006 | 75  | 1 139°2.3485" E | 30°55.7488" S |
| 2:05:42 PM | 11/24/2006 | 68  | 1 139°2.3495" E | 30°55.7470" S |
| 2:05:44 PM | 11/24/2006 | 83  | 1 139°2.3495" E | 30°55.7470" S |
| 2:05:46 PM | 11/24/2006 | 72  | 1 139°2.3495" E | 30°55.7470" S |
| 2:05:47 PM | 11/24/2006 | 60  | 1 139°2.3495" E | 30°55.7470" S |
| 2:05:48 PM | 11/24/2006 | 72  | 1 139°2.3495" E | 30°55.7470" S |
| 2:05:49 PM | 11/24/2006 | 60  | 1 139°2.3495" E | 30°55.7470" S |
| 2:05:51 PM | 11/24/2006 | 84  | 1 139°2.3497" E | 30°55.7465" S |
| 2:05:52 PM | 11/24/2006 | 69  | 1 139°2.3497" E | 30°55.7465" S |
| 2:05:54 PM | 11/24/2006 | 56  | 1 139°2.3497" E | 30°55.7465" S |
| 2:05:55 PM | 11/24/2006 | 62  | 1 139°2.3497" E | 30°55.7465" S |
| 2:05:56 PM | 11/24/2006 | 73  | 1 139°2.3497" E | 30°55.7465" S |
| 2:05:59 PM | 11/24/2006 | 68  | 1 139°2.3503" E | 30°55.7463" S |
| 2:06:01 PM | 11/24/2006 | 68  | 1 139°2.3503" E | 30°55.7463" S |
| 2:06:02 PM | 11/24/2006 | 73  | 1 139°2.3503" E | 30°55.7463" S |
| 2:06:02 PM | 11/24/2006 | 67  | 1 139°2.3503" E | 30°55.7463" S |
| 2:06:05 PM | 11/24/2006 | 55  | 1 139°2.3498" E | 30°55.7470" S |
| 2:06:06 PM | 11/24/2006 | 73  | 1 139°2.3498" E | 30°55.7470" S |
| 2:06:07 PM | 11/24/2006 | 69  | 1 139°2.3498" E | 30°55.7470" S |
| 2:06:09 PM | 11/24/2006 | 66  | 1 139°2.3498" E | 30°55.7470" S |
| 2:06:10 PM | 11/24/2006 | 67  | 1 139°2.3498" E | 30°55.7470" S |
| 2:06:23 PM | 11/24/2006 | 68  | 1 139°2.3498" E | 30°55.7468" S |
| 2:06:25 PM | 11/24/2006 | 70  | 1 139°2.3498" E | 30°55.7467" S |
| 2:06:27 PM | 11/24/2006 | 67  | 1 139°2.3496" E | 30°55.7469" S |
| 2:06:29 PM | 11/24/2006 | 76  | 1 139°2.3495" E | 30°55.7469" S |
| 2:06:30 PM | 11/24/2006 | 70  | 1 139°2.3495" E | 30°55.7469" S |
| 2:06:30 PM | 11/24/2006 | 69  | 1 139°2.3495" E | 30°55.7469" S |
| 2:06:31 PM | 11/24/2006 | 71  | 1 139°2.3497" E | 30°55.7467" S |
| 2:06:32 PM | 11/24/2006 | 58  | 1 139°2.3497" E | 30°55.7466" S |
| 2:06:34 PM | 11/24/2006 | 88  | 1 139°2.3497" E | 30°55.7466" S |
| 2:06:37 PM | 11/24/2006 | 86  | 1 139°2.3495" E | 30°55.7462" S |
| 2:06:38 PM | 11/24/2006 | 57  | 1 139°2.3493" E | 30°55.7464" S |
| 2:06:39 PM | 11/24/2006 | 64  | 1 139°2.3493" E | 30°55.7462" S |
| 2:06:43 PM | 11/24/2006 | 72  | 1 139°2.3492" E | 30°55.7464" S |
| 2:06:44 PM | 11/24/2006 | 78  | 1 139°2.3492" E | 30°55.7464" S |
| 2:06:45 PM | 11/24/2006 | 72  | 1 139°2.3492" E | 30°55.7464" S |
| 2:06:46 PM | 11/24/2006 | 57  | 1 139°2.3491" E | 30°55.7464" S |
| 2:06:48 PM | 11/24/2006 | 84  | 1 139°2.3491" E | 30°55.7466" S |
| 2:06:49 PM | 11/24/2006 | 78  | 1 139°2.3491" E | 30°55.7466" S |
| 2:06:50 PM | 11/24/2006 | 77  | 1 139°2.3493" E | 30°55.7467" S |
| 2:06:52 PM | 11/24/2006 | 69  | 1 139°2.3493" E | 30°55.7467" S |
| 2:06:53 PM | 11/24/2006 | 75  | 1 139°2.3493" E | 30°55.7469" S |
| 2:06:55 PM | 11/24/2006 | 74  | 1 139°2.3493" E | 30°55.7469" S |
| 2:06:56 PM | 11/24/2006 | 77  | 1 139°2.3493" E | 30°55.7469" S |
| 2:06:57 PM | 11/24/2006 | 81  | 1 139°2.3492" E | 30°55.7469" S |
| 2:06:59 PM | 11/24/2006 | 62  | 1 139°2.3492" E | 30°55.7469" S |
| 2:07:02 PM | 11/24/2006 | 72  | 1 139°2.3491" E | 30°55.7468" S |
| 2:07:04 PM | 11/24/2006 | 69  | 1 139°2.3490" E | 30°55.7469" S |
| 2:07:06 PM | 11/24/2006 | 82  | 1 139°2.3489" E | 30°55.7468" S |
| 2:07:08 PM | 11/24/2006 | 54  | 1 139°2.3489" E | 30°55.7468" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 3**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 2:07:09 PM 11/24/2006 | 75 | 1 139°2.3488" E | 30°55.7467" S |
| 2:07:10 PM 11/24/2006 | 74 | 1 139°2.3488" E | 30°55.7467" S |
| 2:07:11 PM 11/24/2006 | 62 | 1 139°2.3488" E | 30°55.7467" S |
| 2:07:12 PM 11/24/2006 | 72 | 1 139°2.3489" E | 30°55.7467" S |
| 2:07:13 PM 11/24/2006 | 66 | 1 139°2.3489" E | 30°55.7467" S |
| 2:07:14 PM 11/24/2006 | 57 | 1 139°2.3490" E | 30°55.7467" S |
| 2:07:17 PM 11/24/2006 | 78 | 1 139°2.3493" E | 30°55.7466" S |
| 2:07:18 PM 11/24/2006 | 69 | 1 139°2.3493" E | 30°55.7466" S |
| 2:07:20 PM 11/24/2006 | 64 | 1 139°2.3493" E | 30°55.7466" S |
| 2:07:21 PM 11/24/2006 | 73 | 1 139°2.3491" E | 30°55.7468" S |
| 2:07:22 PM 11/24/2006 | 67 | 1 139°2.3491" E | 30°55.7468" S |
| 2:07:24 PM 11/24/2006 | 65 | 1 139°2.3490" E | 30°55.7468" S |
| 2:07:25 PM 11/24/2006 | 53 | 1 139°2.3489" E | 30°55.7468" S |
| 2:07:27 PM 11/24/2006 | 77 | 1 139°2.3489" E | 30°55.7468" S |
| 2:07:28 PM 11/24/2006 | 66 | 1 139°2.3489" E | 30°55.7468" S |
| 2:07:29 PM 11/24/2006 | 73 | 1 139°2.3489" E | 30°55.7468" S |
| 2:07:31 PM 11/24/2006 | 73 | 1 139°2.3489" E | 30°55.7468" S |
| 2:07:32 PM 11/24/2006 | 58 | 1 139°2.3489" E | 30°55.7468" S |
| 2:07:34 PM 11/24/2006 | 79 | 1 139°2.3489" E | 30°55.7468" S |
| 2:07:35 PM 11/24/2006 | 84 | 1 139°2.3489" E | 30°55.7468" S |
| 2:07:36 PM 11/24/2006 | 66 | 1 139°2.3489" E | 30°55.7468" S |
| 2:07:37 PM 11/24/2006 | 84 | 1 139°2.3493" E | 30°55.7468" S |
| 2:07:40 PM 11/24/2006 | 61 | 1 139°2.3496" E | 30°55.7469" S |
| 2:07:41 PM 11/24/2006 | 76 | 1 139°2.3496" E | 30°55.7469" S |
| 2:07:42 PM 11/24/2006 | 61 | 1 139°2.3499" E | 30°55.7467" S |
| 2:07:43 PM 11/24/2006 | 75 | 1 139°2.3499" E | 30°55.7467" S |
| 2:07:44 PM 11/24/2006 | 58 | 1 139°2.3497" E | 30°55.7467" S |
| 2:07:45 PM 11/24/2006 | 66 | 1 139°2.3497" E | 30°55.7467" S |
| 2:07:47 PM 11/24/2006 | 68 | 1 139°2.3497" E | 30°55.7465" S |
| 2:07:48 PM 11/24/2006 | 67 | 1 139°2.3499" E | 30°55.7465" S |
| 2:07:49 PM 11/24/2006 | 65 | 1 139°2.3499" E | 30°55.7465" S |
| 2:07:50 PM 11/24/2006 | 67 | 1 139°2.3499" E | 30°55.7465" S |
| 2:08:21 PM 11/24/2006 | 76 | 1 139°2.3483" E | 30°55.7460" S |
| 2:08:22 PM 11/24/2006 | 79 | 1 139°2.3484" E | 30°55.7457" S |
| 2:08:23 PM 11/24/2006 | 70 | 1 139°2.3486" E | 30°55.7452" S |
| 2:08:25 PM 11/24/2006 | 73 | 1 139°2.3486" E | 30°55.7452" S |
| 2:08:27 PM 11/24/2006 | 76 | 1 139°2.3492" E | 30°55.7443" S |
| 2:08:28 PM 11/24/2006 | 75 | 1 139°2.3492" E | 30°55.7443" S |
| 2:08:29 PM 11/24/2006 | 60 | 1 139°2.3499" E | 30°55.7432" S |
| 2:08:30 PM 11/24/2006 | 78 | 1 139°2.3501" E | 30°55.7430" S |
| 2:18:13 PM 11/24/2006 | 55 | 1 139°2.3497" E | 30°55.7463" S |
| 2:18:16 PM 11/24/2006 | 80 | 1 139°2.3498" E | 30°55.7464" S |
| 2:18:17 PM 11/24/2006 | 80 | 1 139°2.3498" E | 30°55.7464" S |
| 2:18:17 PM 11/24/2006 | 81 | 1 139°2.3498" E | 30°55.7464" S |
| 2:18:18 PM 11/24/2006 | 73 | 1 139°2.3498" E | 30°55.7464" S |
| 2:18:20 PM 11/24/2006 | 67 | 1 139°2.3498" E | 30°55.7464" S |
| 2:18:20 PM 11/24/2006 | 85 | 1 139°2.3498" E | 30°55.7464" S |
| 2:18:21 PM 11/24/2006 | 78 | 1 139°2.3498" E | 30°55.7464" S |
| 2:18:22 PM 11/24/2006 | 61 | 1 139°2.3498" E | 30°55.7464" S |
| 2:18:23 PM 11/24/2006 | 83 | 1 139°2.3498" E | 30°55.7464" S |
| 2:18:32 PM 11/24/2006 | 77 | 1 139°2.3530" E | 30°55.7484" S |
| 2:18:33 PM 11/24/2006 | 74 | 1 139°2.3534" E | 30°55.7485" S |
| 2:18:34 PM 11/24/2006 | 75 | 1 139°2.3538" E | 30°55.7486" S |
| 2:18:37 PM 11/24/2006 | 70 | 1 139°2.3540" E | 30°55.7489" S |
| 2:18:39 PM 11/24/2006 | 89 | 1 139°2.3547" E | 30°55.7492" S |
| 2:18:41 PM 11/24/2006 | 79 | 1 139°2.3547" E | 30°55.7492" S |
| 2:18:43 PM 11/24/2006 | 64 | 1 139°2.3547" E | 30°55.7492" S |
| 2:18:44 PM 11/24/2006 | 83 | 1 139°2.3555" E | 30°55.7498" S |
| 2:18:45 PM 11/24/2006 | 76 | 1 139°2.3555" E | 30°55.7498" S |
| 2:18:47 PM 11/24/2006 | 83 | 1 139°2.3560" E | 30°55.7503" S |
| 2:18:49 PM 11/24/2006 | 78 | 1 139°2.3560" E | 30°55.7503" S |
| 2:18:50 PM 11/24/2006 | 78 | 1 139°2.3569" E | 30°55.7505" S |
| 2:18:52 PM 11/24/2006 | 83 | 1 139°2.3573" E | 30°55.7507" S |
| 2:18:53 PM 11/24/2006 | 74 | 1 139°2.3577" E | 30°55.7508" S |
| 2:18:54 PM 11/24/2006 | 72 | 1 139°2.3580" E | 30°55.7509" S |
| 2:18:56 PM 11/24/2006 | 91 | 1 139°2.3583" E | 30°55.7509" S |
| 2:18:57 PM 11/24/2006 | 87 | 1 139°2.3587" E | 30°55.7509" S |
| 2:18:58 PM 11/24/2006 | 88 | 1 139°2.3590" E | 30°55.7509" S |
| 2:19:00 PM 11/24/2006 | 72 | 1 139°2.3593" E | 30°55.7511" S |
| 2:19:01 PM 11/24/2006 | 84 | 1 139°2.3596" E | 30°55.7512" S |
| 2:19:02 PM 11/24/2006 | 77 | 1 139°2.3596" E | 30°55.7512" S |
| 2:19:05 PM 11/24/2006 | 85 | 1 139°2.3603" E | 30°55.7514" S |
| 2:19:06 PM 11/24/2006 | 95 | 1 139°2.3609" E | 30°55.7515" S |
| 2:19:08 PM 11/24/2006 | 66 | 1 139°2.3609" E | 30°55.7515" S |
| 2:19:10 PM 11/24/2006 | 73 | 1 139°2.3617" E | 30°55.7520" S |
| 2:19:11 PM 11/24/2006 | 66 | 1 139°2.3617" E | 30°55.7520" S |
| 2:19:12 PM 11/24/2006 | 80 | 1 139°2.3631" E | 30°55.7523" S |
| 2:19:13 PM 11/24/2006 | 69 | 1 139°2.3635" E | 30°55.7524" S |
| 2:19:14 PM 11/24/2006 | 72 | 1 139°2.3638" E | 30°55.7525" S |
| 2:19:15 PM 11/24/2006 | 59 | 1 139°2.3641" E | 30°55.7527" S |
| 2:19:17 PM 11/24/2006 | 88 | 1 139°2.3648" E | 30°55.7530" S |
| 2:19:18 PM 11/24/2006 | 76 | 1 139°2.3648" E | 30°55.7530" S |
| 2:19:19 PM 11/24/2006 | 71 | 1 139°2.3657" E | 30°55.7535" S |
| 2:19:20 PM 11/24/2006 | 58 | 1 139°2.3657" E | 30°55.7535" S |
| 2:19:22 PM 11/24/2006 | 68 | 1 139°2.3665" E | 30°55.7537" S |
| 2:19:23 PM 11/24/2006 | 58 | 1 139°2.3667" E | 30°55.7538" S |
| 2:19:25 PM 11/24/2006 | 66 | 1 139°2.3671" E | 30°55.7539" S |
| 2:19:28 PM 11/24/2006 | 77 | 1 139°2.3677" E | 30°55.7541" S |
| 2:19:29 PM 11/24/2006 | 87 | 1 139°2.3683" E | 30°55.7543" S |
| 2:19:30 PM 11/24/2006 | 78 | 1 139°2.3686" E | 30°55.7543" S |
| 2:19:32 PM 11/24/2006 | 56 | 1 139°2.3689" E | 30°55.7544" S |
| 2:19:33 PM 11/24/2006 | 72 | 1 139°2.3693" E | 30°55.7545" S |
| 2:19:35 PM 11/24/2006 | 80 | 1 139°2.3693" E | 30°55.7545" S |
| 2:19:36 PM 11/24/2006 | 76 | 1 139°2.3704" E | 30°55.7547" S |



# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 2:19:37 PM 11/24/2006 | 61 | 1 139°2.3710" E | 30°55.7550" S |
| 2:19:39 PM 11/24/2006 | 70 | 1 139°2.3712" E | 30°55.7551" S |
| 2:19:41 PM 11/24/2006 | 61 | 1 139°2.3715" E | 30°55.7552" S |
| 2:19:43 PM 11/24/2006 | 63 | 1 139°2.3721" E | 30°55.7552" S |
| 2:19:44 PM 11/24/2006 | 73 | 1 139°2.3728" E | 30°55.7555" S |
| 2:19:44 PM 11/24/2006 | 63 | 1 139°2.3728" E | 30°55.7555" S |
| 2:19:46 PM 11/24/2006 | 77 | 1 139°2.3734" E | 30°55.7557" S |
| 2:19:47 PM 11/24/2006 | 61 | 1 139°2.3734" E | 30°55.7557" S |
| 2:19:49 PM 11/24/2006 | 77 | 1 139°2.3734" E | 30°55.7557" S |
| 2:19:50 PM 11/24/2006 | 70 | 1 139°2.3746" E | 30°55.7560" S |
| 2:19:51 PM 11/24/2006 | 79 | 1 139°2.3749" E | 30°55.7561" S |
| 2:19:52 PM 11/24/2006 | 77 | 1 139°2.3752" E | 30°55.7562" S |
| 2:19:53 PM 11/24/2006 | 71 | 1 139°2.3754" E | 30°55.7562" S |
| 2:19:55 PM 11/24/2006 | 74 | 1 139°2.3756" E | 30°55.7563" S |
| 2:19:55 PM 11/24/2006 | 97 | 1 139°2.3759" E | 30°55.7563" S |
| 2:19:56 PM 11/24/2006 | 82 | 1 139°2.3759" E | 30°55.7563" S |
| 2:19:57 PM 11/24/2006 | 69 | 1 139°2.3764" E | 30°55.7565" S |
| 2:19:58 PM 11/24/2006 | 82 | 1 139°2.3764" E | 30°55.7565" S |
| 2:19:59 PM 11/24/2006 | 74 | 1 139°2.3764" E | 30°55.7565" S |
| 2:20:00 PM 11/24/2006 | 80 | 1 139°2.3769" E | 30°55.7570" S |
| 2:20:01 PM 11/24/2006 | 73 | 1 139°2.3769" E | 30°55.7570" S |
| 2:20:03 PM 11/24/2006 | 69 | 1 139°2.3772" E | 30°55.7573" S |
| 2:20:04 PM 11/24/2006 | 69 | 1 139°2.3773" E | 30°55.7574" S |
| 2:20:06 PM 11/24/2006 | 73 | 1 139°2.3773" E | 30°55.7574" S |
| 2:20:07 PM 11/24/2006 | 63 | 1 139°2.3778" E | 30°55.7575" S |
| 2:20:08 PM 11/24/2006 | 66 | 1 139°2.3781" E | 30°55.7577" S |
| 2:20:09 PM 11/24/2006 | 70 | 1 139°2.3781" E | 30°55.7577" S |
| 2:20:10 PM 11/24/2006 | 81 | 1 139°2.3782" E | 30°55.7579" S |
| 2:20:12 PM 11/24/2006 | 78 | 1 139°2.3782" E | 30°55.7579" S |
| 2:20:14 PM 11/24/2006 | 68 | 1 139°2.3787" E | 30°55.7582" S |
| 2:20:15 PM 11/24/2006 | 80 | 1 139°2.3787" E | 30°55.7582" S |
| 2:20:17 PM 11/24/2006 | 82 | 1 139°2.3794" E | 30°55.7586" S |
| 2:20:19 PM 11/24/2006 | 66 | 1 139°2.3794" E | 30°55.7586" S |
| 2:20:21 PM 11/24/2006 | 77 | 1 139°2.3794" E | 30°55.7586" S |
| 2:20:22 PM 11/24/2006 | 81 | 1 139°2.3806" E | 30°55.7592" S |
| 2:20:23 PM 11/24/2006 | 76 | 1 139°2.3806" E | 30°55.7592" S |
| 2:20:24 PM 11/24/2006 | 74 | 1 139°2.3809" E | 30°55.7595" S |
| 2:20:28 PM 11/24/2006 | 81 | 1 139°2.3809" E | 30°55.7596" S |
| 2:20:29 PM 11/24/2006 | 80 | 1 139°2.3809" E | 30°55.7596" S |
| 2:20:32 PM 11/24/2006 | 73 | 1 139°2.3812" E | 30°55.7597" S |
| 2:20:33 PM 11/24/2006 | 61 | 1 139°2.3812" E | 30°55.7597" S |
| 2:20:34 PM 11/24/2006 | 82 | 1 139°2.3822" E | 30°55.7599" S |
| 2:20:35 PM 11/24/2006 | 83 | 1 139°2.3826" E | 30°55.7599" S |
| 2:20:36 PM 11/24/2006 | 94 | 1 139°2.3826" E | 30°55.7599" S |
| 2:20:37 PM 11/24/2006 | 66 | 1 139°2.3826" E | 30°55.7599" S |
| 2:20:38 PM 11/24/2006 | 85 | 1 139°2.3836" E | 30°55.7603" S |
| 2:20:39 PM 11/24/2006 | 84 | 1 139°2.3838" E | 30°55.7604" S |
| 2:20:40 PM 11/24/2006 | 81 | 1 139°2.3844" E | 30°55.7605" S |
| 2:20:41 PM 11/24/2006 | 64 | 1 139°2.3844" E | 30°55.7605" S |
| 2:20:42 PM 11/24/2006 | 55 | 1 139°2.3849" E | 30°55.7607" S |
| 2:20:43 PM 11/24/2006 | 72 | 1 139°2.3851" E | 30°55.7607" S |
| 2:20:44 PM 11/24/2006 | 74 | 1 139°2.3853" E | 30°55.7608" S |
| 2:20:45 PM 11/24/2006 | 69 | 1 139°2.3855" E | 30°55.7609" S |
| 2:20:46 PM 11/24/2006 | 78 | 1 139°2.3855" E | 30°55.7609" S |
| 2:20:48 PM 11/24/2006 | 95 | 1 139°2.3855" E | 30°55.7609" S |
| 2:20:49 PM 11/24/2006 | 78 | 1 139°2.3863" E | 30°55.7610" S |
| 2:20:50 PM 11/24/2006 | 77 | 1 139°2.3866" E | 30°55.7610" S |
| 2:20:52 PM 11/24/2006 | 68 | 1 139°2.3868" E | 30°55.7610" S |
| 2:20:53 PM 11/24/2006 | 83 | 1 139°2.3868" E | 30°55.7610" S |
| 2:20:55 PM 11/24/2006 | 63 | 1 139°2.3874" E | 30°55.7612" S |
| 2:20:56 PM 11/24/2006 | 72 | 1 139°2.3877" E | 30°55.7612" S |
| 2:20:57 PM 11/24/2006 | 67 | 1 139°2.3880" E | 30°55.7613" S |
| 2:20:58 PM 11/24/2006 | 70 | 1 139°2.3880" E | 30°55.7613" S |
| 2:21:00 PM 11/24/2006 | 90 | 1 139°2.3880" E | 30°55.7613" S |
| 2:21:01 PM 11/24/2006 | 86 | 1 139°2.3880" E | 30°55.7613" S |
| 2:21:03 PM 11/24/2006 | 75 | 1 139°2.3893" E | 30°55.7615" S |
| 2:21:04 PM 11/24/2006 | 63 | 1 139°2.3897" E | 30°55.7616" S |
| 2:21:05 PM 11/24/2006 | 91 | 1 139°2.3901" E | 30°55.7617" S |
| 2:21:06 PM 11/24/2006 | 77 | 1 139°2.3901" E | 30°55.7617" S |
| 2:21:07 PM 11/24/2006 | 68 | 1 139°2.3907" E | 30°55.7619" S |
| 2:21:08 PM 11/24/2006 | 65 | 1 139°2.3907" E | 30°55.7619" S |
| 2:21:10 PM 11/24/2006 | 67 | 1 139°2.3909" E | 30°55.7620" S |
| 2:21:11 PM 11/24/2006 | 80 | 1 139°2.3909" E | 30°55.7620" S |
| 2:21:13 PM 11/24/2006 | 74 | 1 139°2.3909" E | 30°55.7620" S |
| 2:21:14 PM 11/24/2006 | 87 | 1 139°2.3905" E | 30°55.7618" S |
| 2:21:15 PM 11/24/2006 | 65 | 1 139°2.3905" E | 30°55.7618" S |
| 2:21:18 PM 11/24/2006 | 78 | 1 139°2.3902" E | 30°55.7618" S |
| 2:21:19 PM 11/24/2006 | 78 | 1 139°2.3900" E | 30°55.7618" S |
| 2:21:20 PM 11/24/2006 | 68 | 1 139°2.3900" E | 30°55.7618" S |
| 2:21:22 PM 11/24/2006 | 73 | 1 139°2.3902" E | 30°55.7619" S |
| 2:21:24 PM 11/24/2006 | 91 | 1 139°2.3902" E | 30°55.7619" S |
| 2:21:25 PM 11/24/2006 | 87 | 1 139°2.3902" E | 30°55.7619" S |
| 2:21:27 PM 11/24/2006 | 82 | 1 139°2.3912" E | 30°55.7620" S |
| 2:21:28 PM 11/24/2006 | 86 | 1 139°2.3912" E | 30°55.7620" S |
| 2:21:30 PM 11/24/2006 | 85 | 1 139°2.3921" E | 30°55.7622" S |
| 2:21:31 PM 11/24/2006 | 84 | 1 139°2.3930" E | 30°55.7626" S |
| 2:21:32 PM 11/24/2006 | 73 | 1 139°2.3930" E | 30°55.7626" S |
| 2:21:34 PM 11/24/2006 | 71 | 1 139°2.3939" E | 30°55.7628" S |
| 2:21:35 PM 11/24/2006 | 78 | 1 139°2.3939" E | 30°55.7628" S |
| 2:21:37 PM 11/24/2006 | 83 | 1 139°2.3939" E | 30°55.7628" S |
| 2:21:39 PM 11/24/2006 | 82 | 1 139°2.3949" E | 30°55.7631" S |
| 2:21:41 PM 11/24/2006 | 76 | 1 139°2.3949" E | 30°55.7631" S |
| 2:21:44 PM 11/24/2006 | 70 | 1 139°2.3956" E | 30°55.7634" S |
| 2:21:46 PM 11/24/2006 | 84 | 1 139°2.3959" E | 30°55.7635" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|            |            |    |                 |               |
|------------|------------|----|-----------------|---------------|
| 2:21:47 PM | 11/24/2006 | 82 | 1 139°2.3964" E | 30°55.7636" S |
| 2:21:48 PM | 11/24/2006 | 75 | 1 139°2.3964" E | 30°55.7636" S |
| 2:21:51 PM | 11/24/2006 | 89 | 1 139°2.3966" E | 30°55.7635" S |
| 2:21:52 PM | 11/24/2006 | 73 | 1 139°2.3966" E | 30°55.7635" S |
| 2:21:53 PM | 11/24/2006 | 94 | 1 139°2.3966" E | 30°55.7635" S |
| 2:21:55 PM | 11/24/2006 | 70 | 1 139°2.3966" E | 30°55.7635" S |
| 2:21:57 PM | 11/24/2006 | 69 | 1 139°2.3985" E | 30°55.7638" S |
| 2:21:59 PM | 11/24/2006 | 69 | 1 139°2.3985" E | 30°55.7638" S |
| 2:22:00 PM | 11/24/2006 | 82 | 1 139°2.3993" E | 30°55.7644" S |
| 2:22:01 PM | 11/24/2006 | 80 | 1 139°2.3993" E | 30°55.7644" S |
| 2:22:02 PM | 11/24/2006 | 78 | 1 139°2.3993" E | 30°55.7644" S |
| 2:22:04 PM | 11/24/2006 | 81 | 1 139°2.4010" E | 30°55.7656" S |
| 2:22:06 PM | 11/24/2006 | 73 | 1 139°2.4010" E | 30°55.7656" S |
| 2:22:07 PM | 11/24/2006 | 57 | 1 139°2.4010" E | 30°55.7656" S |
| 2:22:08 PM | 11/24/2006 | 82 | 1 139°2.4010" E | 30°55.7656" S |
| 2:22:11 PM | 11/24/2006 | 78 | 1 139°2.4028" E | 30°55.7666" S |
| 2:22:13 PM | 11/24/2006 | 82 | 1 139°2.4028" E | 30°55.7666" S |
| 2:22:16 PM | 11/24/2006 | 89 | 1 139°2.4028" E | 30°55.7666" S |
| 2:22:18 PM | 11/24/2006 | 75 | 1 139°2.4028" E | 30°55.7666" S |
| 2:22:18 PM | 11/24/2006 | 68 | 1 139°2.4028" E | 30°55.7666" S |
| 2:22:21 PM | 11/24/2006 | 87 | 1 139°2.4028" E | 30°55.7666" S |
| 2:22:24 PM | 11/24/2006 | 64 | 1 139°2.4046" E | 30°55.7671" S |
| 2:22:26 PM | 11/24/2006 | 80 | 1 139°2.4046" E | 30°55.7671" S |
| 2:22:29 PM | 11/24/2006 | 89 | 1 139°2.4046" E | 30°55.7671" S |
| 2:22:31 PM | 11/24/2006 | 75 | 1 139°2.4046" E | 30°55.7671" S |
| 2:22:32 PM | 11/24/2006 | 86 | 1 139°2.4046" E | 30°55.7671" S |
| 2:22:33 PM | 11/24/2006 | 73 | 1 139°2.4046" E | 30°55.7671" S |
| 2:22:34 PM | 11/24/2006 | 89 | 1 139°2.4046" E | 30°55.7671" S |
| 2:22:36 PM | 11/24/2006 | 71 | 1 139°2.4033" E | 30°55.7676" S |
| 2:22:37 PM | 11/24/2006 | 77 | 1 139°2.4033" E | 30°55.7676" S |
| 2:22:38 PM | 11/24/2006 | 79 | 1 139°2.4033" E | 30°55.7676" S |
| 2:22:39 PM | 11/24/2006 | 69 | 1 139°2.4033" E | 30°55.7676" S |
| 2:22:41 PM | 11/24/2006 | 82 | 1 139°2.4033" E | 30°55.7676" S |
| 2:22:42 PM | 11/24/2006 | 59 | 1 139°2.4033" E | 30°55.7676" S |
| 2:22:44 PM | 11/24/2006 | 73 | 1 139°2.4033" E | 30°55.7676" S |
| 2:22:45 PM | 11/24/2006 | 86 | 1 139°2.4033" E | 30°55.7676" S |
| 2:27:30 PM | 11/24/2006 | 65 | 1 139°2.4290" E | 30°55.7799" S |
| 2:27:31 PM | 11/24/2006 | 70 | 1 139°2.4289" E | 30°55.7799" S |
| 2:27:32 PM | 11/24/2006 | 62 | 1 139°2.4289" E | 30°55.7799" S |
| 2:27:33 PM | 11/24/2006 | 74 | 1 139°2.4287" E | 30°55.7797" S |
| 2:27:34 PM | 11/24/2006 | 72 | 1 139°2.4287" E | 30°55.7797" S |
| 2:27:36 PM | 11/24/2006 | 82 | 1 139°2.4287" E | 30°55.7797" S |
| 2:27:37 PM | 11/24/2006 | 76 | 1 139°2.4307" E | 30°55.7801" S |
| 2:27:38 PM | 11/24/2006 | 75 | 1 139°2.4316" E | 30°55.7803" S |
| 2:27:39 PM | 11/24/2006 | 74 | 1 139°2.4316" E | 30°55.7803" S |
| 2:27:41 PM | 11/24/2006 | 78 | 1 139°2.4343" E | 30°55.7807" S |
| 2:27:42 PM | 11/24/2006 | 91 | 1 139°2.4343" E | 30°55.7807" S |
| 2:27:43 PM | 11/24/2006 | 74 | 1 139°2.4343" E | 30°55.7807" S |
| 2:27:44 PM | 11/24/2006 | 76 | 1 139°2.4367" E | 30°55.7814" S |
| 2:27:46 PM | 11/24/2006 | 65 | 1 139°2.4367" E | 30°55.7814" S |
| 2:27:47 PM | 11/24/2006 | 75 | 1 139°2.4367" E | 30°55.7814" S |
| 2:27:48 PM | 11/24/2006 | 83 | 1 139°2.4397" E | 30°55.7823" S |
| 2:27:49 PM | 11/24/2006 | 73 | 1 139°2.4405" E | 30°55.7825" S |
| 2:27:50 PM | 11/24/2006 | 73 | 1 139°2.4414" E | 30°55.7827" S |
| 2:27:51 PM | 11/24/2006 | 78 | 1 139°2.4414" E | 30°55.7827" S |
| 2:27:53 PM | 11/24/2006 | 69 | 1 139°2.4434" E | 30°55.7838" S |
| 2:27:54 PM | 11/24/2006 | 81 | 1 139°2.4434" E | 30°55.7838" S |
| 2:27:55 PM | 11/24/2006 | 81 | 1 139°2.4434" E | 30°55.7838" S |
| 2:27:56 PM | 11/24/2006 | 70 | 1 139°2.4434" E | 30°55.7838" S |
| 2:37:05 PM | 11/24/2006 | 66 | 1 139°2.4436" E | 30°55.7858" S |
| 2:37:06 PM | 11/24/2006 | 84 | 1 139°2.4438" E | 30°55.7857" S |
| 2:37:07 PM | 11/24/2006 | 80 | 1 139°2.4439" E | 30°55.7857" S |
| 2:37:09 PM | 11/24/2006 | 65 | 1 139°2.4439" E | 30°55.7857" S |
| 2:37:10 PM | 11/24/2006 | 73 | 1 139°2.4439" E | 30°55.7858" S |
| 2:37:11 PM | 11/24/2006 | 67 | 1 139°2.4440" E | 30°55.7858" S |
| 2:37:12 PM | 11/24/2006 | 57 | 1 139°2.4440" E | 30°55.7858" S |
| 2:37:14 PM | 11/24/2006 | 74 | 1 139°2.4439" E | 30°55.7858" S |
| 2:37:16 PM | 11/24/2006 | 70 | 1 139°2.4439" E | 30°55.7856" S |
| 2:37:16 PM | 11/24/2006 | 67 | 1 139°2.4439" E | 30°55.7856" S |
| 2:37:18 PM | 11/24/2006 | 84 | 1 139°2.4439" E | 30°55.7853" S |
| 2:37:19 PM | 11/24/2006 | 65 | 1 139°2.4439" E | 30°55.7853" S |
| 2:37:20 PM | 11/24/2006 | 57 | 1 139°2.4440" E | 30°55.7852" S |
| 2:37:21 PM | 11/24/2006 | 71 | 1 139°2.4440" E | 30°55.7852" S |
| 2:37:22 PM | 11/24/2006 | 65 | 1 139°2.4441" E | 30°55.7852" S |
| 2:37:23 PM | 11/24/2006 | 76 | 1 139°2.4441" E | 30°55.7852" S |
| 2:37:25 PM | 11/24/2006 | 62 | 1 139°2.4441" E | 30°55.7852" S |
| 2:37:26 PM | 11/24/2006 | 82 | 1 139°2.4441" E | 30°55.7852" S |
| 2:37:27 PM | 11/24/2006 | 78 | 1 139°2.4445" E | 30°55.7856" S |
| 2:37:28 PM | 11/24/2006 | 72 | 1 139°2.4445" E | 30°55.7856" S |
| 2:37:29 PM | 11/24/2006 | 67 | 1 139°2.4445" E | 30°55.7860" S |
| 2:37:30 PM | 11/24/2006 | 78 | 1 139°2.4445" E | 30°55.7860" S |
| 2:37:31 PM | 11/24/2006 | 81 | 1 139°2.4443" E | 30°55.7862" S |
| 2:37:32 PM | 11/24/2006 | 70 | 1 139°2.4443" E | 30°55.7862" S |
| 2:37:33 PM | 11/24/2006 | 85 | 1 139°2.4443" E | 30°55.7863" S |
| 2:37:34 PM | 11/24/2006 | 70 | 1 139°2.4443" E | 30°55.7863" S |
| 2:37:35 PM | 11/24/2006 | 63 | 1 139°2.4447" E | 30°55.7863" S |
| 2:37:36 PM | 11/24/2006 | 68 | 1 139°2.4452" E | 30°55.7864" S |
| 2:37:37 PM | 11/24/2006 | 66 | 1 139°2.4458" E | 30°55.7867" S |
| 2:37:38 PM | 11/24/2006 | 72 | 1 139°2.4458" E | 30°55.7867" S |
| 2:37:39 PM | 11/24/2006 | 75 | 1 139°2.4458" E | 30°55.7867" S |
| 2:37:41 PM | 11/24/2006 | 65 | 1 139°2.4458" E | 30°55.7867" S |
| 2:37:42 PM | 11/24/2006 | 77 | 1 139°2.4486" E | 30°55.7878" S |
| 2:37:44 PM | 11/24/2006 | 60 | 1 139°2.4492" E | 30°55.7882" S |
| 2:37:45 PM | 11/24/2006 | 75 | 1 139°2.4496" E | 30°55.7887" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 3**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 2:37:48 PM 11/24/2006 | 74 | 1 139°2.4496" E | 30°55.7887" S |
| 2:37:49 PM 11/24/2006 | 63 | 1 139°2.4509" E | 30°55.7901" S |
| 2:37:50 PM 11/24/2006 | 72 | 1 139°2.4509" E | 30°55.7901" S |
| 2:37:51 PM 11/24/2006 | 63 | 1 139°2.4509" E | 30°55.7901" S |
| 2:37:54 PM 11/24/2006 | 90 | 1 139°2.4509" E | 30°55.7901" S |
| 2:37:55 PM 11/24/2006 | 76 | 1 139°2.4540" E | 30°55.7915" S |
| 2:37:56 PM 11/24/2006 | 77 | 1 139°2.4544" E | 30°55.7919" S |
| 2:37:58 PM 11/24/2006 | 71 | 1 139°2.4548" E | 30°55.7922" S |
| 2:37:59 PM 11/24/2006 | 80 | 1 139°2.4548" E | 30°55.7922" S |
| 2:38:00 PM 11/24/2006 | 81 | 1 139°2.4557" E | 30°55.7931" S |
| 2:38:01 PM 11/24/2006 | 93 | 1 139°2.4557" E | 30°55.7931" S |
| 2:38:02 PM 11/24/2006 | 69 | 1 139°2.4557" E | 30°55.7931" S |
| 2:38:03 PM 11/24/2006 | 77 | 1 139°2.4570" E | 30°55.7945" S |
| 2:38:04 PM 11/24/2006 | 63 | 1 139°2.4570" E | 30°55.7945" S |
| 2:38:05 PM 11/24/2006 | 61 | 1 139°2.4581" E | 30°55.7953" S |
| 2:38:06 PM 11/24/2006 | 74 | 1 139°2.4585" E | 30°55.7958" S |
| 2:38:07 PM 11/24/2006 | 71 | 1 139°2.4588" E | 30°55.7963" S |
| 2:38:08 PM 11/24/2006 | 62 | 1 139°2.4588" E | 30°55.7963" S |
| 2:38:09 PM 11/24/2006 | 64 | 1 139°2.4588" E | 30°55.7963" S |
| 2:38:10 PM 11/24/2006 | 61 | 1 139°2.4588" E | 30°55.7963" S |
| 2:38:11 PM 11/24/2006 | 68 | 1 139°2.4588" E | 30°55.7963" S |
| 2:38:12 PM 11/24/2006 | 67 | 1 139°2.4597" E | 30°55.7990" S |
| 2:38:12 PM 11/24/2006 | 65 | 1 139°2.4600" E | 30°55.7994" S |
| 2:38:14 PM 11/24/2006 | 70 | 1 139°2.4600" E | 30°55.7994" S |
| 2:38:15 PM 11/24/2006 | 68 | 1 139°2.4611" E | 30°55.8005" S |
| 2:38:16 PM 11/24/2006 | 65 | 1 139°2.4611" E | 30°55.8005" S |
| 2:38:17 PM 11/24/2006 | 90 | 1 139°2.4611" E | 30°55.8005" S |
| 2:38:18 PM 11/24/2006 | 70 | 1 139°2.4611" E | 30°55.8005" S |
| 2:38:19 PM 11/24/2006 | 76 | 1 139°2.4611" E | 30°55.8005" S |
| 2:38:20 PM 11/24/2006 | 56 | 1 139°2.4634" E | 30°55.8020" S |
| 2:38:20 PM 11/24/2006 | 64 | 1 139°2.4634" E | 30°55.8020" S |
| 2:38:21 PM 11/24/2006 | 72 | 1 139°2.4634" E | 30°55.8020" S |
| 2:38:22 PM 11/24/2006 | 79 | 1 139°2.4634" E | 30°55.8020" S |
| 2:38:24 PM 11/24/2006 | 73 | 1 139°2.4650" E | 30°55.8039" S |
| 2:38:24 PM 11/24/2006 | 76 | 1 139°2.4650" E | 30°55.8039" S |
| 2:38:26 PM 11/24/2006 | 66 | 1 139°2.4650" E | 30°55.8039" S |
| 2:38:27 PM 11/24/2006 | 62 | 1 139°2.4650" E | 30°55.8039" S |
| 2:38:29 PM 11/24/2006 | 80 | 1 139°2.4650" E | 30°55.8039" S |
| 2:38:31 PM 11/24/2006 | 76 | 1 139°2.4650" E | 30°55.8039" S |
| 2:38:32 PM 11/24/2006 | 58 | 1 139°2.4650" E | 30°55.8039" S |
| 2:38:33 PM 11/24/2006 | 92 | 1 139°2.4650" E | 30°55.8039" S |
| 2:38:42 PM 11/24/2006 | 63 | 1 139°2.4688" E | 30°55.8116" S |
| 2:38:43 PM 11/24/2006 | 58 | 1 139°2.4688" E | 30°55.8116" S |
| 2:38:46 PM 11/24/2006 | 84 | 1 139°2.4696" E | 30°55.8123" S |
| 2:38:48 PM 11/24/2006 | 58 | 1 139°2.4696" E | 30°55.8123" S |
| 2:38:51 PM 11/24/2006 | 65 | 1 139°2.4696" E | 30°55.8123" S |
| 2:38:53 PM 11/24/2006 | 74 | 1 139°2.4726" E | 30°55.8134" S |
| 2:38:54 PM 11/24/2006 | 66 | 1 139°2.4726" E | 30°55.8134" S |
| 2:38:55 PM 11/24/2006 | 61 | 1 139°2.4726" E | 30°55.8134" S |
| 2:38:58 PM 11/24/2006 | 72 | 1 139°2.4752" E | 30°55.8146" S |
| 2:39:00 PM 11/24/2006 | 69 | 1 139°2.4757" E | 30°55.8150" S |
| 2:39:01 PM 11/24/2006 | 76 | 1 139°2.4757" E | 30°55.8150" S |
| 2:39:05 PM 11/24/2006 | 59 | 1 139°2.4768" E | 30°55.8159" S |
| 2:39:06 PM 11/24/2006 | 66 | 1 139°2.4768" E | 30°55.8159" S |
| 2:39:07 PM 11/24/2006 | 47 | 1 139°2.4768" E | 30°55.8159" S |
| 2:39:10 PM 11/24/2006 | 62 | 1 139°2.4768" E | 30°55.8159" S |
| 2:39:12 PM 11/24/2006 | 57 | 1 139°2.4797" E | 30°55.8179" S |
| 2:39:13 PM 11/24/2006 | 61 | 1 139°2.4797" E | 30°55.8179" S |
| 2:39:14 PM 11/24/2006 | 62 | 1 139°2.4797" E | 30°55.8179" S |
| 2:39:16 PM 11/24/2006 | 70 | 1 139°2.4797" E | 30°55.8179" S |
| 2:39:18 PM 11/24/2006 | 70 | 1 139°2.4821" E | 30°55.8197" S |
| 2:39:20 PM 11/24/2006 | 69 | 1 139°2.4821" E | 30°55.8197" S |
| 2:39:21 PM 11/24/2006 | 75 | 1 139°2.4821" E | 30°55.8197" S |
| 2:39:23 PM 11/24/2006 | 66 | 1 139°2.4835" E | 30°55.8212" S |
| 2:39:24 PM 11/24/2006 | 70 | 1 139°2.4835" E | 30°55.8212" S |
| 2:39:25 PM 11/24/2006 | 60 | 1 139°2.4835" E | 30°55.8212" S |
| 2:39:26 PM 11/24/2006 | 51 | 1 139°2.4835" E | 30°55.8212" S |
| 2:39:27 PM 11/24/2006 | 55 | 1 139°2.4835" E | 30°55.8212" S |
| 2:39:29 PM 11/24/2006 | 50 | 1 139°2.4853" E | 30°55.8242" S |
| 2:39:30 PM 11/24/2006 | 61 | 1 139°2.4853" E | 30°55.8242" S |
| 2:39:32 PM 11/24/2006 | 59 | 1 139°2.4853" E | 30°55.8242" S |
| 2:39:33 PM 11/24/2006 | 63 | 1 139°2.4853" E | 30°55.8242" S |
| 2:39:34 PM 11/24/2006 | 75 | 1 139°2.4853" E | 30°55.8242" S |
| 2:39:36 PM 11/24/2006 | 58 | 1 139°2.4853" E | 30°55.8242" S |
| 2:39:37 PM 11/24/2006 | 71 | 1 139°2.4853" E | 30°55.8242" S |
| 2:39:38 PM 11/24/2006 | 67 | 1 139°2.4853" E | 30°55.8242" S |
| 2:39:40 PM 11/24/2006 | 70 | 1 139°2.4863" E | 30°55.8290" S |
| 2:39:42 PM 11/24/2006 | 60 | 1 139°2.4863" E | 30°55.8290" S |
| 2:39:43 PM 11/24/2006 | 71 | 1 139°2.4863" E | 30°55.8290" S |
| 2:39:46 PM 11/24/2006 | 62 | 1 139°2.4843" E | 30°55.8306" S |
| 2:39:47 PM 11/24/2006 | 69 | 1 139°2.4843" E | 30°55.8306" S |
| 2:39:49 PM 11/24/2006 | 64 | 1 139°2.4836" E | 30°55.8316" S |
| 2:39:51 PM 11/24/2006 | 84 | 1 139°2.4835" E | 30°55.8329" S |
| 2:39:52 PM 11/24/2006 | 73 | 1 139°2.4836" E | 30°55.8335" S |
| 2:39:53 PM 11/24/2006 | 90 | 1 139°2.4836" E | 30°55.8335" S |
| 2:39:55 PM 11/24/2006 | 55 | 1 139°2.4836" E | 30°55.8335" S |
| 2:39:56 PM 11/24/2006 | 55 | 1 139°2.4836" E | 30°55.8335" S |
| 2:39:57 PM 11/24/2006 | 67 | 1 139°2.4836" E | 30°55.8335" S |
| 2:39:58 PM 11/24/2006 | 63 | 1 139°2.4836" E | 30°55.8335" S |
| 2:40:03 PM 11/24/2006 | 58 | 1 139°2.4872" E | 30°55.8359" S |
| 2:40:05 PM 11/24/2006 | 72 | 1 139°2.4872" E | 30°55.8359" S |
| 2:40:06 PM 11/24/2006 | 67 | 1 139°2.4882" E | 30°55.8361" S |
| 2:40:08 PM 11/24/2006 | 63 | 1 139°2.4887" E | 30°55.8363" S |
| 2:40:09 PM 11/24/2006 | 68 | 1 139°2.4894" E | 30°55.8365" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|            |            |    |                 |               |
|------------|------------|----|-----------------|---------------|
| 2:40:10 PM | 11/24/2006 | 58 | 1 139°2.4901" E | 30°55.8367" S |
| 2:40:11 PM | 11/24/2006 | 48 | 1 139°2.4905" E | 30°55.8370" S |
| 2:40:12 PM | 11/24/2006 | 71 | 1 139°2.4905" E | 30°55.8370" S |
| 2:40:13 PM | 11/24/2006 | 72 | 1 139°2.4915" E | 30°55.8379" S |
| 2:40:14 PM | 11/24/2006 | 58 | 1 139°2.4915" E | 30°55.8379" S |
| 2:40:15 PM | 11/24/2006 | 56 | 1 139°2.4915" E | 30°55.8379" S |
| 2:40:16 PM | 11/24/2006 | 65 | 1 139°2.4934" E | 30°55.8389" S |
| 2:40:17 PM | 11/24/2006 | 64 | 1 139°2.4990" E | 30°55.8424" S |
| 2:40:18 PM | 11/24/2006 | 73 | 1 139°2.5001" E | 30°55.8432" S |
| 2:40:19 PM | 11/24/2006 | 67 | 1 139°2.5006" E | 30°55.8436" S |
| 2:40:20 PM | 11/24/2006 | 59 | 1 139°2.5012" E | 30°55.8439" S |
| 2:40:21 PM | 11/24/2006 | 58 | 1 139°2.5012" E | 30°55.8439" S |
| 2:40:22 PM | 11/24/2006 | 69 | 1 139°2.5033" E | 30°55.8446" S |
| 2:40:24 PM | 11/24/2006 | 63 | 1 139°2.5047" E | 30°55.8453" S |
| 2:40:25 PM | 11/24/2006 | 56 | 1 139°2.5047" E | 30°55.8453" S |
| 2:40:26 PM | 11/24/2006 | 62 | 1 139°2.5059" E | 30°55.8460" S |
| 2:40:27 PM | 11/24/2006 | 58 | 1 139°2.5059" E | 30°55.8460" S |
| 2:40:28 PM | 11/24/2006 | 63 | 1 139°2.5059" E | 30°55.8460" S |
| 2:40:29 PM | 11/24/2006 | 51 | 1 139°2.5080" E | 30°55.8469" S |
| 2:40:30 PM | 11/24/2006 | 62 | 1 139°2.5087" E | 30°55.8472" S |
| 2:40:30 PM | 11/24/2006 | 50 | 1 139°2.5087" E | 30°55.8472" S |
| 2:40:31 PM | 11/24/2006 | 47 | 1 139°2.5087" E | 30°55.8472" S |
| 2:40:32 PM | 11/24/2006 | 57 | 1 139°2.5087" E | 30°55.8472" S |
| 2:40:33 PM | 11/24/2006 | 57 | 1 139°2.5087" E | 30°55.8472" S |
| 2:40:34 PM | 11/24/2006 | 60 | 1 139°2.5119" E | 30°55.8489" S |
| 2:40:35 PM | 11/24/2006 | 52 | 1 139°2.5126" E | 30°55.8493" S |
| 2:40:36 PM | 11/24/2006 | 65 | 1 139°2.5132" E | 30°55.8496" S |
| 2:40:37 PM | 11/24/2006 | 57 | 1 139°2.5191" E | 30°55.8528" S |
| 2:40:39 PM | 11/24/2006 | 48 | 1 139°2.5204" E | 30°55.8534" S |
| 2:40:40 PM | 11/24/2006 | 59 | 1 139°2.5204" E | 30°55.8534" S |
| 2:40:41 PM | 11/24/2006 | 69 | 1 139°2.5218" E | 30°55.8538" S |
| 2:40:42 PM | 11/24/2006 | 54 | 1 139°2.5227" E | 30°55.8540" S |
| 2:40:43 PM | 11/24/2006 | 67 | 1 139°2.5227" E | 30°55.8540" S |
| 2:40:44 PM | 11/24/2006 | 74 | 1 139°2.5244" E | 30°55.8544" S |
| 2:40:45 PM | 11/24/2006 | 67 | 1 139°2.5252" E | 30°55.8547" S |
| 2:40:46 PM | 11/24/2006 | 62 | 1 139°2.5252" E | 30°55.8547" S |
| 2:40:48 PM | 11/24/2006 | 86 | 1 139°2.5267" E | 30°55.8553" S |
| 2:40:49 PM | 11/24/2006 | 62 | 1 139°2.5290" E | 30°55.8561" S |
| 2:40:50 PM | 11/24/2006 | 67 | 1 139°2.5290" E | 30°55.8561" S |
| 2:40:51 PM | 11/24/2006 | 56 | 1 139°2.5305" E | 30°55.8566" S |
| 2:40:52 PM | 11/24/2006 | 71 | 1 139°2.5312" E | 30°55.8570" S |
| 2:40:53 PM | 11/24/2006 | 66 | 1 139°2.5318" E | 30°55.8573" S |
| 2:40:54 PM | 11/24/2006 | 52 | 1 139°2.5318" E | 30°55.8573" S |
| 2:40:55 PM | 11/24/2006 | 72 | 1 139°2.5330" E | 30°55.8580" S |
| 2:40:55 PM | 11/24/2006 | 79 | 1 139°2.5335" E | 30°55.8583" S |
| 2:40:57 PM | 11/24/2006 | 79 | 1 139°2.5344" E | 30°55.8587" S |
| 2:40:58 PM | 11/24/2006 | 74 | 1 139°2.5344" E | 30°55.8587" S |
| 2:40:59 PM | 11/24/2006 | 76 | 1 139°2.5344" E | 30°55.8587" S |
| 2:41:00 PM | 11/24/2006 | 76 | 1 139°2.5344" E | 30°55.8587" S |
| 2:41:01 PM | 11/24/2006 | 92 | 1 139°2.5344" E | 30°55.8587" S |
| 2:41:02 PM | 11/24/2006 | 84 | 1 139°2.5377" E | 30°55.8619" S |
| 2:41:03 PM | 11/24/2006 | 72 | 1 139°2.5377" E | 30°55.8619" S |
| 2:41:04 PM | 11/24/2006 | 80 | 1 139°2.5389" E | 30°55.8629" S |
| 2:41:05 PM | 11/24/2006 | 62 | 1 139°2.5389" E | 30°55.8629" S |
| 2:41:08 PM | 11/24/2006 | 75 | 1 139°2.5409" E | 30°55.8641" S |
| 2:41:08 PM | 11/24/2006 | 74 | 1 139°2.5422" E | 30°55.8647" S |
| 2:41:09 PM | 11/24/2006 | 71 | 1 139°2.5422" E | 30°55.8647" S |
| 2:41:11 PM | 11/24/2006 | 68 | 1 139°2.5436" E | 30°55.8654" S |
| 2:41:11 PM | 11/24/2006 | 75 | 1 139°2.5436" E | 30°55.8654" S |
| 2:41:16 PM | 11/24/2006 | 89 | 1 139°2.5468" E | 30°55.8673" S |
| 2:41:16 PM | 11/24/2006 | 74 | 1 139°2.5481" E | 30°55.8680" S |
| 2:41:17 PM | 11/24/2006 | 81 | 1 139°2.5481" E | 30°55.8680" S |
| 2:41:18 PM | 11/24/2006 | 66 | 1 139°2.5481" E | 30°55.8680" S |
| 2:41:19 PM | 11/24/2006 | 88 | 1 139°2.5481" E | 30°55.8680" S |
| 2:41:23 PM | 11/24/2006 | 83 | 1 139°2.5509" E | 30°55.8701" S |
| 2:41:25 PM | 11/24/2006 | 71 | 1 139°2.5509" E | 30°55.8701" S |
| 2:41:26 PM | 11/24/2006 | 88 | 1 139°2.5509" E | 30°55.8701" S |
| 2:41:28 PM | 11/24/2006 | 68 | 1 139°2.5530" E | 30°55.8720" S |
| 2:41:29 PM | 11/24/2006 | 74 | 1 139°2.5537" E | 30°55.8722" S |
| 2:41:30 PM | 11/24/2006 | 81 | 1 139°2.5545" E | 30°55.8723" S |
| 2:41:32 PM | 11/24/2006 | 77 | 1 139°2.5545" E | 30°55.8723" S |
| 2:41:33 PM | 11/24/2006 | 64 | 1 139°2.5559" E | 30°55.8722" S |
| 2:41:34 PM | 11/24/2006 | 89 | 1 139°2.5567" E | 30°55.8723" S |
| 2:41:36 PM | 11/24/2006 | 73 | 1 139°2.5574" E | 30°55.8724" S |
| 2:41:37 PM | 11/24/2006 | 60 | 1 139°2.5574" E | 30°55.8724" S |
| 2:41:39 PM | 11/24/2006 | 56 | 1 139°2.5586" E | 30°55.8731" S |
| 2:41:40 PM | 11/24/2006 | 87 | 1 139°2.5586" E | 30°55.8731" S |
| 2:41:41 PM | 11/24/2006 | 79 | 1 139°2.5597" E | 30°55.8738" S |
| 2:41:42 PM | 11/24/2006 | 71 | 1 139°2.5602" E | 30°55.8740" S |
| 2:41:43 PM | 11/24/2006 | 85 | 1 139°2.5608" E | 30°55.8742" S |
| 2:41:45 PM | 11/24/2006 | 80 | 1 139°2.5608" E | 30°55.8742" S |
| 2:41:46 PM | 11/24/2006 | 99 | 1 139°2.5608" E | 30°55.8742" S |
| 2:47:53 PM | 11/24/2006 | 71 | 1 139°2.5730" E | 30°55.8819" S |
| 2:47:54 PM | 11/24/2006 | 67 | 1 139°2.5731" E | 30°55.8820" S |
| 2:47:56 PM | 11/24/2006 | 75 | 1 139°2.5731" E | 30°55.8820" S |
| 2:47:58 PM | 11/24/2006 | 91 | 1 139°2.5721" E | 30°55.8820" S |
| 2:48:00 PM | 11/24/2006 | 95 | 1 139°2.5713" E | 30°55.8820" S |
| 2:48:02 PM | 11/24/2006 | 81 | 1 139°2.5711" E | 30°55.8819" S |
| 2:48:03 PM | 11/24/2006 | 60 | 1 139°2.5710" E | 30°55.8819" S |
| 2:48:04 PM | 11/24/2006 | 86 | 1 139°2.5710" E | 30°55.8819" S |
| 2:48:07 PM | 11/24/2006 | 89 | 1 139°2.5721" E | 30°55.8815" S |
| 2:48:09 PM | 11/24/2006 | 84 | 1 139°2.5730" E | 30°55.8815" S |
| 2:48:10 PM | 11/24/2006 | 89 | 1 139°2.5730" E | 30°55.8815" S |
| 2:48:11 PM | 11/24/2006 | 76 | 1 139°2.5730" E | 30°55.8815" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 2:48:12 PM 11/24/2006 | 85 | 1 139°2.5757" E | 30°55.8823" S |
| 2:48:14 PM 11/24/2006 | 70 | 1 139°2.5763" E | 30°55.8828" S |
| 2:48:16 PM 11/24/2006 | 76 | 1 139°2.5763" E | 30°55.8828" S |
| 2:48:17 PM 11/24/2006 | 87 | 1 139°2.5774" E | 30°55.8840" S |
| 2:48:18 PM 11/24/2006 | 66 | 1 139°2.5781" E | 30°55.8845" S |
| 2:48:19 PM 11/24/2006 | 80 | 1 139°2.5781" E | 30°55.8845" S |
| 2:48:21 PM 11/24/2006 | 73 | 1 139°2.5794" E | 30°55.8857" S |
| 2:48:22 PM 11/24/2006 | 84 | 1 139°2.5794" E | 30°55.8857" S |
| 2:48:24 PM 11/24/2006 | 78 | 1 139°2.5804" E | 30°55.8870" S |
| 2:48:25 PM 11/24/2006 | 96 | 1 139°2.5807" E | 30°55.8877" S |
| 2:48:26 PM 11/24/2006 | 83 | 1 139°2.5809" E | 30°55.8884" S |
| 2:48:27 PM 11/24/2006 | 76 | 1 139°2.5810" E | 30°55.8891" S |
| 2:48:28 PM 11/24/2006 | 64 | 1 139°2.5810" E | 30°55.8891" S |
| 2:48:29 PM 11/24/2006 | 69 | 1 139°2.5813" E | 30°55.8904" S |
| 2:48:30 PM 11/24/2006 | 68 | 1 139°2.5815" E | 30°55.8911" S |
| 2:48:31 PM 11/24/2006 | 82 | 1 139°2.5818" E | 30°55.8918" S |
| 2:48:32 PM 11/24/2006 | 66 | 1 139°2.5818" E | 30°55.8918" S |
| 2:48:33 PM 11/24/2006 | 79 | 1 139°2.5818" E | 30°55.8918" S |
| 2:48:34 PM 11/24/2006 | 80 | 1 139°2.5818" E | 30°55.8918" S |
| 2:48:35 PM 11/24/2006 | 82 | 1 139°2.5828" E | 30°55.8942" S |
| 2:48:35 PM 11/24/2006 | 83 | 1 139°2.5828" E | 30°55.8942" S |
| 2:48:38 PM 11/24/2006 | 72 | 1 139°2.5831" E | 30°55.8954" S |
| 2:48:39 PM 11/24/2006 | 82 | 1 139°2.5836" E | 30°55.8971" S |
| 2:48:40 PM 11/24/2006 | 75 | 1 139°2.5836" E | 30°55.8971" S |
| 2:48:41 PM 11/24/2006 | 83 | 1 139°2.5841" E | 30°55.8983" S |
| 2:48:43 PM 11/24/2006 | 72 | 1 139°2.5845" E | 30°55.8988" S |
| 2:48:44 PM 11/24/2006 | 75 | 1 139°2.5849" E | 30°55.8994" S |
| 2:48:45 PM 11/24/2006 | 74 | 1 139°2.5849" E | 30°55.8994" S |
| 2:48:46 PM 11/24/2006 | 78 | 1 139°2.5855" E | 30°55.9013" S |
| 2:48:49 PM 11/24/2006 | 80 | 1 139°2.5862" E | 30°55.9024" S |
| 2:48:49 PM 11/24/2006 | 72 | 1 139°2.5862" E | 30°55.9024" S |
| 2:48:50 PM 11/24/2006 | 70 | 1 139°2.5875" E | 30°55.9032" S |
| 2:48:51 PM 11/24/2006 | 63 | 1 139°2.5875" E | 30°55.9032" S |
| 2:48:52 PM 11/24/2006 | 82 | 1 139°2.5875" E | 30°55.9032" S |
| 2:48:53 PM 11/24/2006 | 70 | 1 139°2.5875" E | 30°55.9032" S |
| 2:48:55 PM 11/24/2006 | 74 | 1 139°2.5895" E | 30°55.9054" S |
| 2:48:56 PM 11/24/2006 | 68 | 1 139°2.5895" E | 30°55.9054" S |
| 2:48:57 PM 11/24/2006 | 86 | 1 139°2.5895" E | 30°55.9054" S |
| 2:48:58 PM 11/24/2006 | 88 | 1 139°2.5897" E | 30°55.9071" S |
| 2:48:59 PM 11/24/2006 | 71 | 1 139°2.5897" E | 30°55.9077" S |
| 2:49:00 PM 11/24/2006 | 81 | 1 139°2.5899" E | 30°55.9086" S |
| 2:49:01 PM 11/24/2006 | 71 | 1 139°2.5899" E | 30°55.9086" S |
| 2:49:03 PM 11/24/2006 | 57 | 1 139°2.5896" E | 30°55.9097" S |
| 2:49:03 PM 11/24/2006 | 81 | 1 139°2.5894" E | 30°55.9102" S |
| 2:49:04 PM 11/24/2006 | 64 | 1 139°2.5892" E | 30°55.9107" S |
| 2:49:05 PM 11/24/2006 | 79 | 1 139°2.5890" E | 30°55.9112" S |
| 2:49:06 PM 11/24/2006 | 63 | 1 139°2.5890" E | 30°55.9112" S |
| 2:49:07 PM 11/24/2006 | 60 | 1 139°2.5890" E | 30°55.9112" S |
| 2:49:08 PM 11/24/2006 | 76 | 1 139°2.5891" E | 30°55.9130" S |
| 2:49:09 PM 11/24/2006 | 74 | 1 139°2.5891" E | 30°55.9130" S |
| 2:49:10 PM 11/24/2006 | 69 | 1 139°2.5893" E | 30°55.9144" S |
| 2:49:12 PM 11/24/2006 | 77 | 1 139°2.5894" E | 30°55.9157" S |
| 2:49:13 PM 11/24/2006 | 65 | 1 139°2.5894" E | 30°55.9157" S |
| 2:49:14 PM 11/24/2006 | 69 | 1 139°2.5891" E | 30°55.9176" S |
| 2:49:15 PM 11/24/2006 | 69 | 1 139°2.5891" E | 30°55.9176" S |
| 2:49:16 PM 11/24/2006 | 79 | 1 139°2.5891" E | 30°55.9176" S |
| 2:49:18 PM 11/24/2006 | 76 | 1 139°2.5887" E | 30°55.9199" S |
| 2:49:19 PM 11/24/2006 | 89 | 1 139°2.5887" E | 30°55.9199" S |
| 2:49:20 PM 11/24/2006 | 71 | 1 139°2.5887" E | 30°55.9199" S |
| 2:49:21 PM 11/24/2006 | 55 | 1 139°2.5887" E | 30°55.9199" S |
| 2:49:22 PM 11/24/2006 | 69 | 1 139°2.5881" E | 30°55.9220" S |
| 2:49:23 PM 11/24/2006 | 71 | 1 139°2.5879" E | 30°55.9224" S |
| 2:49:24 PM 11/24/2006 | 77 | 1 139°2.5878" E | 30°55.9228" S |
| 2:49:25 PM 11/24/2006 | 61 | 1 139°2.5878" E | 30°55.9228" S |
| 2:49:26 PM 11/24/2006 | 54 | 1 139°2.5880" E | 30°55.9239" S |
| 2:49:27 PM 11/24/2006 | 76 | 1 139°2.5882" E | 30°55.9245" S |
| 2:49:27 PM 11/24/2006 | 80 | 1 139°2.5884" E | 30°55.9252" S |
| 2:49:28 PM 11/24/2006 | 66 | 1 139°2.5884" E | 30°55.9252" S |
| 2:49:30 PM 11/24/2006 | 70 | 1 139°2.5884" E | 30°55.9252" S |
| 2:49:32 PM 11/24/2006 | 66 | 1 139°2.5884" E | 30°55.9252" S |
| 2:49:33 PM 11/24/2006 | 70 | 1 139°2.5895" E | 30°55.9277" S |
| 2:49:34 PM 11/24/2006 | 64 | 1 139°2.5895" E | 30°55.9277" S |
| 2:58:06 PM 11/24/2006 | 74 | 1 139°2.5919" E | 30°55.9351" S |
| 2:58:07 PM 11/24/2006 | 75 | 1 139°2.5919" E | 30°55.9351" S |
| 2:58:08 PM 11/24/2006 | 77 | 1 139°2.5919" E | 30°55.9351" S |
| 2:58:11 PM 11/24/2006 | 69 | 1 139°2.5919" E | 30°55.9355" S |
| 2:58:12 PM 11/24/2006 | 71 | 1 139°2.5919" E | 30°55.9355" S |
| 2:58:16 PM 11/24/2006 | 71 | 1 139°2.5926" E | 30°55.9359" S |
| 2:58:17 PM 11/24/2006 | 77 | 1 139°2.5933" E | 30°55.9362" S |
| 2:58:18 PM 11/24/2006 | 63 | 1 139°2.5939" E | 30°55.9364" S |
| 2:58:19 PM 11/24/2006 | 66 | 1 139°2.5939" E | 30°55.9364" S |
| 2:58:22 PM 11/24/2006 | 68 | 1 139°2.5939" E | 30°55.9364" S |
| 2:58:23 PM 11/24/2006 | 74 | 1 139°2.5939" E | 30°55.9364" S |
| 2:58:24 PM 11/24/2006 | 64 | 1 139°2.5939" E | 30°55.9364" S |
| 2:58:26 PM 11/24/2006 | 72 | 1 139°2.5939" E | 30°55.9364" S |
| 2:58:28 PM 11/24/2006 | 69 | 1 139°2.5958" E | 30°55.9389" S |
| 2:58:29 PM 11/24/2006 | 83 | 1 139°2.5955" E | 30°55.9393" S |
| 2:58:31 PM 11/24/2006 | 72 | 1 139°2.5955" E | 30°55.9393" S |
| 2:58:32 PM 11/24/2006 | 66 | 1 139°2.5955" E | 30°55.9393" S |
| 2:58:36 PM 11/24/2006 | 72 | 1 139°2.5935" E | 30°55.9390" S |
| 2:58:38 PM 11/24/2006 | 71 | 1 139°2.5935" E | 30°55.9390" S |
| 2:58:41 PM 11/24/2006 | 84 | 1 139°2.5935" E | 30°55.9390" S |
| 2:58:42 PM 11/24/2006 | 90 | 1 139°2.5935" E | 30°55.9390" S |
| 2:58:43 PM 11/24/2006 | 84 | 1 139°2.5935" E | 30°55.9390" S |



# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|            |            |    |                 |               |
|------------|------------|----|-----------------|---------------|
| 2:58:46 PM | 11/24/2006 | 61 | 1 139°2.5935" E | 30°55.9390" S |
| 2:58:48 PM | 11/24/2006 | 63 | 1 139°2.5973" E | 30°55.9403" S |
| 2:58:49 PM | 11/24/2006 | 68 | 1 139°2.5973" E | 30°55.9403" S |
| 2:58:50 PM | 11/24/2006 | 66 | 1 139°2.5973" E | 30°55.9403" S |
| 2:58:51 PM | 11/24/2006 | 77 | 1 139°2.5973" E | 30°55.9403" S |
| 2:58:53 PM | 11/24/2006 | 52 | 1 139°2.5973" E | 30°55.9403" S |
| 2:58:54 PM | 11/24/2006 | 74 | 1 139°2.6000" E | 30°55.9429" S |
| 2:58:55 PM | 11/24/2006 | 75 | 1 139°2.6000" E | 30°55.9429" S |
| 2:58:56 PM | 11/24/2006 | 62 | 1 139°2.6000" E | 30°55.9429" S |
| 2:58:57 PM | 11/24/2006 | 78 | 1 139°2.6000" E | 30°55.9429" S |
| 2:58:58 PM | 11/24/2006 | 76 | 1 139°2.6000" E | 30°55.9429" S |
| 2:59:00 PM | 11/24/2006 | 71 | 1 139°2.6000" E | 30°55.9429" S |
| 2:59:01 PM | 11/24/2006 | 82 | 1 139°2.6000" E | 30°55.9429" S |
| 2:59:02 PM | 11/24/2006 | 58 | 1 139°2.6000" E | 30°55.9429" S |
| 2:59:03 PM | 11/24/2006 | 68 | 1 139°2.6000" E | 30°55.9429" S |
| 2:59:04 PM | 11/24/2006 | 66 | 1 139°2.6000" E | 30°55.9429" S |
| 2:59:20 PM | 11/24/2006 | 76 | 1 139°2.6099" E | 30°55.9515" S |
| 2:59:21 PM | 11/24/2006 | 82 | 1 139°2.6099" E | 30°55.9515" S |
| 2:59:22 PM | 11/24/2006 | 87 | 1 139°2.6099" E | 30°55.9515" S |
| 2:59:23 PM | 11/24/2006 | 63 | 1 139°2.6099" E | 30°55.9515" S |
| 2:59:25 PM | 11/24/2006 | 58 | 1 139°2.6099" E | 30°55.9515" S |
| 2:59:27 PM | 11/24/2006 | 69 | 1 139°2.6125" E | 30°55.9543" S |
| 2:59:28 PM | 11/24/2006 | 63 | 1 139°2.6125" E | 30°55.9543" S |
| 2:59:30 PM | 11/24/2006 | 68 | 1 139°2.6140" E | 30°55.9558" S |
| 2:59:32 PM | 11/24/2006 | 80 | 1 139°2.6140" E | 30°55.9558" S |
| 2:59:33 PM | 11/24/2006 | 67 | 1 139°2.6140" E | 30°55.9558" S |
| 2:59:35 PM | 11/24/2006 | 71 | 1 139°2.6140" E | 30°55.9558" S |
| 2:59:36 PM | 11/24/2006 | 66 | 1 139°2.6140" E | 30°55.9558" S |
| 2:59:37 PM | 11/24/2006 | 77 | 1 139°2.6174" E | 30°55.9584" S |
| 2:59:40 PM | 11/24/2006 | 76 | 1 139°2.6184" E | 30°55.9595" S |
| 2:59:41 PM | 11/24/2006 | 76 | 1 139°2.6188" E | 30°55.9601" S |
| 2:59:43 PM | 11/24/2006 | 57 | 1 139°2.6188" E | 30°55.9601" S |
| 2:59:44 PM | 11/24/2006 | 62 | 1 139°2.6188" E | 30°55.9601" S |
| 2:59:47 PM | 11/24/2006 | 67 | 1 139°2.6200" E | 30°55.9618" S |
| 2:59:49 PM | 11/24/2006 | 73 | 1 139°2.6212" E | 30°55.9637" S |
| 2:59:50 PM | 11/24/2006 | 72 | 1 139°2.6212" E | 30°55.9637" S |
| 2:59:52 PM | 11/24/2006 | 73 | 1 139°2.6219" E | 30°55.9649" S |
| 2:59:53 PM | 11/24/2006 | 67 | 1 139°2.6219" E | 30°55.9649" S |
| 2:59:55 PM | 11/24/2006 | 61 | 1 139°2.6227" E | 30°55.9660" S |
| 2:59:57 PM | 11/24/2006 | 74 | 1 139°2.6227" E | 30°55.9660" S |
| 2:59:59 PM | 11/24/2006 | 86 | 1 139°2.6227" E | 30°55.9660" S |
| 3:00:00 PM | 11/24/2006 | 71 | 1 139°2.6252" E | 30°55.9688" S |
| 3:00:01 PM | 11/24/2006 | 59 | 1 139°2.6252" E | 30°55.9688" S |
| 3:00:03 PM | 11/24/2006 | 60 | 1 139°2.6260" E | 30°55.9699" S |
| 3:00:04 PM | 11/24/2006 | 75 | 1 139°2.6268" E | 30°55.9710" S |
| 3:00:05 PM | 11/24/2006 | 69 | 1 139°2.6273" E | 30°55.9716" S |
| 3:00:06 PM | 11/24/2006 | 71 | 1 139°2.6278" E | 30°55.9721" S |
| 3:00:07 PM | 11/24/2006 | 74 | 1 139°2.6284" E | 30°55.9726" S |
| 3:00:08 PM | 11/24/2006 | 82 | 1 139°2.6290" E | 30°55.9731" S |
| 3:00:10 PM | 11/24/2006 | 83 | 1 139°2.6295" E | 30°55.9736" S |
| 3:00:11 PM | 11/24/2006 | 59 | 1 139°2.6295" E | 30°55.9736" S |
| 3:00:18 PM | 11/24/2006 | 64 | 1 139°2.6322" E | 30°55.9758" S |
| 3:00:20 PM | 11/24/2006 | 53 | 1 139°2.6316" E | 30°55.9761" S |
| 3:00:20 PM | 11/24/2006 | 60 | 1 139°2.6316" E | 30°55.9761" S |
| 3:00:22 PM | 11/24/2006 | 65 | 1 139°2.6316" E | 30°55.9761" S |
| 3:00:23 PM | 11/24/2006 | 67 | 1 139°2.6316" E | 30°55.9761" S |
| 3:00:26 PM | 11/24/2006 | 64 | 1 139°2.6288" E | 30°55.9758" S |
| 3:00:27 PM | 11/24/2006 | 70 | 1 139°2.6288" E | 30°55.9758" S |
| 3:00:29 PM | 11/24/2006 | 64 | 1 139°2.6288" E | 30°55.9758" S |
| 3:00:31 PM | 11/24/2006 | 66 | 1 139°2.6290" E | 30°55.9760" S |
| 3:00:32 PM | 11/24/2006 | 80 | 1 139°2.6290" E | 30°55.9760" S |
| 3:00:34 PM | 11/24/2006 | 62 | 1 139°2.6290" E | 30°55.9761" S |
| 3:00:37 PM | 11/24/2006 | 59 | 1 139°2.6290" E | 30°55.9761" S |
| 3:00:38 PM | 11/24/2006 | 59 | 1 139°2.6290" E | 30°55.9763" S |
| 3:00:40 PM | 11/24/2006 | 63 | 1 139°2.6290" E | 30°55.9763" S |
| 3:00:41 PM | 11/24/2006 | 75 | 1 139°2.6290" E | 30°55.9763" S |
| 3:00:42 PM | 11/24/2006 | 61 | 1 139°2.6289" E | 30°55.9765" S |
| 3:00:43 PM | 11/24/2006 | 72 | 1 139°2.6289" E | 30°55.9765" S |
| 3:00:45 PM | 11/24/2006 | 50 | 1 139°2.6287" E | 30°55.9763" S |
| 3:00:46 PM | 11/24/2006 | 60 | 1 139°2.6286" E | 30°55.9761" S |
| 3:00:48 PM | 11/24/2006 | 51 | 1 139°2.6288" E | 30°55.9761" S |
| 3:00:49 PM | 11/24/2006 | 85 | 1 139°2.6288" E | 30°55.9761" S |
| 3:00:52 PM | 11/24/2006 | 69 | 1 139°2.6288" E | 30°55.9761" S |
| 3:00:53 PM | 11/24/2006 | 61 | 1 139°2.6313" E | 30°55.9775" S |
| 3:00:55 PM | 11/24/2006 | 62 | 1 139°2.6318" E | 30°55.9781" S |
| 3:00:56 PM | 11/24/2006 | 64 | 1 139°2.6324" E | 30°55.9788" S |
| 3:00:57 PM | 11/24/2006 | 66 | 1 139°2.6329" E | 30°55.9794" S |
| 3:00:58 PM | 11/24/2006 | 72 | 1 139°2.6334" E | 30°55.9799" S |
| 3:00:59 PM | 11/24/2006 | 67 | 1 139°2.6340" E | 30°55.9803" S |
| 3:01:01 PM | 11/24/2006 | 66 | 1 139°2.6346" E | 30°55.9807" S |
| 3:01:02 PM | 11/24/2006 | 78 | 1 139°2.6351" E | 30°55.9812" S |
| 3:01:04 PM | 11/24/2006 | 60 | 1 139°2.6351" E | 30°55.9812" S |
| 3:01:05 PM | 11/24/2006 | 77 | 1 139°2.6351" E | 30°55.9812" S |
| 3:01:07 PM | 11/24/2006 | 76 | 1 139°2.6364" E | 30°55.9830" S |
| 3:01:08 PM | 11/24/2006 | 81 | 1 139°2.6364" E | 30°55.9830" S |
| 3:01:11 PM | 11/24/2006 | 56 | 1 139°2.6372" E | 30°55.9841" S |
| 3:01:13 PM | 11/24/2006 | 68 | 1 139°2.6379" E | 30°55.9851" S |
| 3:01:14 PM | 11/24/2006 | 59 | 1 139°2.6379" E | 30°55.9851" S |
| 3:01:15 PM | 11/24/2006 | 72 | 1 139°2.6386" E | 30°55.9860" S |
| 3:01:16 PM | 11/24/2006 | 49 | 1 139°2.6386" E | 30°55.9860" S |
| 3:01:17 PM | 11/24/2006 | 65 | 1 139°2.6386" E | 30°55.9860" S |
| 3:01:18 PM | 11/24/2006 | 65 | 1 139°2.6390" E | 30°55.9876" S |
| 3:01:19 PM | 11/24/2006 | 88 | 1 139°2.6392" E | 30°55.9881" S |
| 3:01:22 PM | 11/24/2006 | 69 | 1 139°2.6399" E | 30°55.9892" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 3:01:24 PM 11/24/2006 | 64 | 1 139°2.6403" E | 30°55.9897" S |
| 3:01:25 PM 11/24/2006 | 58 | 1 139°2.6407" E | 30°55.9902" S |
| 3:01:26 PM 11/24/2006 | 69 | 1 139°2.6412" E | 30°55.9907" S |
| 3:01:28 PM 11/24/2006 | 66 | 1 139°2.6416" E | 30°55.9913" S |
| 3:01:32 PM 11/24/2006 | 57 | 1 139°2.6421" E | 30°55.9918" S |
| 3:01:34 PM 11/24/2006 | 63 | 1 139°2.6437" E | 30°55.9933" S |
| 3:01:35 PM 11/24/2006 | 77 | 1 139°2.6442" E | 30°55.9937" S |
| 3:01:36 PM 11/24/2006 | 61 | 1 139°2.6448" E | 30°55.9942" S |
| 3:01:37 PM 11/24/2006 | 78 | 1 139°2.6454" E | 30°55.9946" S |
| 3:01:38 PM 11/24/2006 | 75 | 1 139°2.6459" E | 30°55.9952" S |
| 3:01:39 PM 11/24/2006 | 55 | 1 139°2.6459" E | 30°55.9952" S |
| 3:01:41 PM 11/24/2006 | 54 | 1 139°2.6469" E | 30°55.9961" S |
| 3:01:42 PM 11/24/2006 | 56 | 1 139°2.6469" E | 30°55.9961" S |
| 3:01:44 PM 11/24/2006 | 73 | 1 139°2.6484" E | 30°55.9975" S |
| 3:01:47 PM 11/24/2006 | 54 | 1 139°2.6494" E | 30°55.9992" S |
| 3:01:48 PM 11/24/2006 | 64 | 1 139°2.6494" E | 30°55.9992" S |
| 3:01:49 PM 11/24/2006 | 62 | 1 139°2.6494" E | 30°55.9992" S |
| 3:01:51 PM 11/24/2006 | 55 | 1 139°2.6494" E | 30°55.9992" S |
| 3:01:52 PM 11/24/2006 | 55 | 1 139°2.6494" E | 30°55.9992" S |
| 3:01:54 PM 11/24/2006 | 57 | 1 139°2.6515" E | 30°56.0048" S |
| 3:01:55 PM 11/24/2006 | 43 | 1 139°2.6515" E | 30°56.0048" S |
| 3:01:59 PM 11/24/2006 | 49 | 1 139°2.6523" E | 30°56.0068" S |
| 3:02:00 PM 11/24/2006 | 55 | 1 139°2.6523" E | 30°56.0068" S |
| 3:02:01 PM 11/24/2006 | 50 | 1 139°2.6529" E | 30°56.0079" S |
| 3:02:03 PM 11/24/2006 | 63 | 1 139°2.6529" E | 30°56.0079" S |
| 3:02:05 PM 11/24/2006 | 51 | 1 139°2.6560" E | 30°56.0135" S |
| 3:02:06 PM 11/24/2006 | 62 | 1 139°2.6560" E | 30°56.0135" S |
| 3:02:07 PM 11/24/2006 | 56 | 1 139°2.6560" E | 30°56.0135" S |
| 3:02:09 PM 11/24/2006 | 57 | 1 139°2.6575" E | 30°56.0165" S |
| 3:02:11 PM 11/24/2006 | 54 | 1 139°2.6575" E | 30°56.0165" S |
| 3:02:12 PM 11/24/2006 | 67 | 1 139°2.6575" E | 30°56.0165" S |
| 3:02:14 PM 11/24/2006 | 53 | 1 139°2.6580" E | 30°56.0182" S |
| 3:02:16 PM 11/24/2006 | 59 | 1 139°2.6581" E | 30°56.0186" S |
| 3:02:17 PM 11/24/2006 | 41 | 1 139°2.6587" E | 30°56.0195" S |
| 3:02:19 PM 11/24/2006 | 64 | 1 139°2.6587" E | 30°56.0195" S |
| 3:02:22 PM 11/24/2006 | 61 | 1 139°2.6596" E | 30°56.0205" S |
| 3:02:23 PM 11/24/2006 | 50 | 1 139°2.6605" E | 30°56.0215" S |
| 3:02:24 PM 11/24/2006 | 61 | 1 139°2.6605" E | 30°56.0215" S |
| 3:02:26 PM 11/24/2006 | 62 | 1 139°2.6644" E | 30°56.0274" S |
| 3:02:27 PM 11/24/2006 | 59 | 1 139°2.6647" E | 30°56.0280" S |
| 3:02:30 PM 11/24/2006 | 59 | 1 139°2.6647" E | 30°56.0280" S |
| 3:02:31 PM 11/24/2006 | 54 | 1 139°2.6656" E | 30°56.0299" S |
| 3:02:32 PM 11/24/2006 | 69 | 1 139°2.6659" E | 30°56.0305" S |
| 3:02:33 PM 11/24/2006 | 54 | 1 139°2.6663" E | 30°56.0310" S |
| 3:02:35 PM 11/24/2006 | 62 | 1 139°2.6667" E | 30°56.0316" S |
| 3:02:36 PM 11/24/2006 | 50 | 1 139°2.6669" E | 30°56.0322" S |
| 3:02:37 PM 11/24/2006 | 46 | 1 139°2.6670" E | 30°56.0327" S |
| 3:02:38 PM 11/24/2006 | 65 | 1 139°2.6672" E | 30°56.0333" S |
| 3:02:39 PM 11/24/2006 | 55 | 1 139°2.6674" E | 30°56.0339" S |
| 3:02:42 PM 11/24/2006 | 56 | 1 139°2.6674" E | 30°56.0339" S |
| 3:02:43 PM 11/24/2006 | 71 | 1 139°2.6681" E | 30°56.0352" S |
| 3:02:44 PM 11/24/2006 | 71 | 1 139°2.6681" E | 30°56.0352" S |
| 3:02:47 PM 11/24/2006 | 48 | 1 139°2.6675" E | 30°56.0351" S |
| 3:02:49 PM 11/24/2006 | 49 | 1 139°2.6672" E | 30°56.0347" S |
| 3:02:50 PM 11/24/2006 | 45 | 1 139°2.6669" E | 30°56.0347" S |
| 3:02:51 PM 11/24/2006 | 51 | 1 139°2.6668" E | 30°56.0348" S |
| 3:02:52 PM 11/24/2006 | 58 | 1 139°2.6668" E | 30°56.0348" S |
| 3:02:54 PM 11/24/2006 | 44 | 1 139°2.6668" E | 30°56.0348" S |
| 3:02:55 PM 11/24/2006 | 47 | 1 139°2.6665" E | 30°56.0351" S |
| 3:02:56 PM 11/24/2006 | 43 | 1 139°2.6665" E | 30°56.0351" S |
| 3:02:59 PM 11/24/2006 | 60 | 1 139°2.6664" E | 30°56.0358" S |
| 3:03:01 PM 11/24/2006 | 60 | 1 139°2.6675" E | 30°56.0366" S |
| 3:03:02 PM 11/24/2006 | 48 | 1 139°2.6675" E | 30°56.0366" S |
| 3:03:04 PM 11/24/2006 | 47 | 1 139°2.6686" E | 30°56.0377" S |
| 3:03:06 PM 11/24/2006 | 61 | 1 139°2.6686" E | 30°56.0377" S |
| 3:03:07 PM 11/24/2006 | 56 | 1 139°2.6702" E | 30°56.0399" S |
| 3:03:08 PM 11/24/2006 | 48 | 1 139°2.6702" E | 30°56.0399" S |
| 3:03:08 PM 11/24/2006 | 56 | 1 139°2.6702" E | 30°56.0399" S |
| 3:03:09 PM 11/24/2006 | 50 | 1 139°2.6702" E | 30°56.0399" S |
| 3:03:10 PM 11/24/2006 | 60 | 1 139°2.6702" E | 30°56.0399" S |
| 3:03:13 PM 11/24/2006 | 51 | 1 139°2.6702" E | 30°56.0399" S |
| 3:03:16 PM 11/24/2006 | 62 | 1 139°2.6702" E | 30°56.0399" S |
| 3:03:18 PM 11/24/2006 | 52 | 1 139°2.6702" E | 30°56.0399" S |
| 3:03:21 PM 11/24/2006 | 62 | 1 139°2.6781" E | 30°56.0500" S |
| 3:03:23 PM 11/24/2006 | 52 | 1 139°2.6781" E | 30°56.0500" S |
| 3:03:26 PM 11/24/2006 | 59 | 1 139°2.6781" E | 30°56.0500" S |
| 3:03:29 PM 11/24/2006 | 54 | 1 139°2.6781" E | 30°56.0500" S |
| 3:03:30 PM 11/24/2006 | 54 | 1 139°2.6781" E | 30°56.0500" S |
| 3:03:31 PM 11/24/2006 | 60 | 1 139°2.6781" E | 30°56.0500" S |
| 3:03:33 PM 11/24/2006 | 62 | 1 139°2.6831" E | 30°56.0547" S |
| 3:03:35 PM 11/24/2006 | 62 | 1 139°2.6839" E | 30°56.0557" S |
| 3:03:37 PM 11/24/2006 | 54 | 1 139°2.6844" E | 30°56.0561" S |
| 3:03:37 PM 11/24/2006 | 55 | 1 139°2.6844" E | 30°56.0561" S |
| 3:03:39 PM 11/24/2006 | 56 | 1 139°2.6844" E | 30°56.0561" S |
| 3:03:41 PM 11/24/2006 | 57 | 1 139°2.6844" E | 30°56.0561" S |
| 3:03:47 PM 11/24/2006 | 64 | 1 139°2.6894" E | 30°56.0605" S |
| 3:03:48 PM 11/24/2006 | 54 | 1 139°2.6894" E | 30°56.0605" S |
| 3:03:49 PM 11/24/2006 | 57 | 1 139°2.6894" E | 30°56.0605" S |
| 3:03:50 PM 11/24/2006 | 54 | 1 139°2.6894" E | 30°56.0605" S |
| 3:03:51 PM 11/24/2006 | 55 | 1 139°2.6894" E | 30°56.0605" S |
| 3:03:52 PM 11/24/2006 | 48 | 1 139°2.6894" E | 30°56.0605" S |
| 3:03:53 PM 11/24/2006 | 62 | 1 139°2.6894" E | 30°56.0605" S |
| 3:03:54 PM 11/24/2006 | 44 | 1 139°2.6894" E | 30°56.0605" S |
| 3:03:55 PM 11/24/2006 | 52 | 1 139°2.6894" E | 30°56.0605" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 3:03:58 PM 11/24/2006 | 47 | 1 139°2.6948" E | 30°56.0658" S |
| 3:04:00 PM 11/24/2006 | 46 | 1 139°2.6951" E | 30°56.0663" S |
| 3:04:02 PM 11/24/2006 | 60 | 1 139°2.6959" E | 30°56.0671" S |
| 3:04:04 PM 11/24/2006 | 58 | 1 139°2.6959" E | 30°56.0671" S |
| 3:04:05 PM 11/24/2006 | 52 | 1 139°2.6959" E | 30°56.0671" S |
| 3:04:07 PM 11/24/2006 | 57 | 1 139°2.6959" E | 30°56.0671" S |
| 3:04:08 PM 11/24/2006 | 50 | 1 139°2.6959" E | 30°56.0671" S |
| 3:04:09 PM 11/24/2006 | 48 | 1 139°2.6959" E | 30°56.0671" S |
| 3:04:10 PM 11/24/2006 | 50 | 1 139°2.6959" E | 30°56.0671" S |
| 3:04:17 PM 11/24/2006 | 64 | 1 139°2.7017" E | 30°56.0764" S |
| 3:04:18 PM 11/24/2006 | 50 | 1 139°2.7019" E | 30°56.0770" S |
| 3:04:19 PM 11/24/2006 | 65 | 1 139°2.7019" E | 30°56.0770" S |
| 3:04:20 PM 11/24/2006 | 63 | 1 139°2.7028" E | 30°56.0780" S |
| 3:04:21 PM 11/24/2006 | 40 | 1 139°2.7033" E | 30°56.0784" S |
| 3:04:23 PM 11/24/2006 | 44 | 1 139°2.7039" E | 30°56.0789" S |
| 3:04:23 PM 11/24/2006 | 55 | 1 139°2.7045" E | 30°56.0794" S |
| 3:04:24 PM 11/24/2006 | 49 | 1 139°2.7051" E | 30°56.0799" S |
| 3:04:25 PM 11/24/2006 | 50 | 1 139°2.7057" E | 30°56.0803" S |
| 3:04:27 PM 11/24/2006 | 65 | 1 139°2.7057" E | 30°56.0803" S |
| 3:04:27 PM 11/24/2006 | 58 | 1 139°2.7057" E | 30°56.0803" S |
| 3:04:28 PM 11/24/2006 | 50 | 1 139°2.7077" E | 30°56.0817" S |
| 3:04:29 PM 11/24/2006 | 65 | 1 139°2.7082" E | 30°56.0823" S |
| 3:04:31 PM 11/24/2006 | 60 | 1 139°2.7087" E | 30°56.0828" S |
| 3:04:33 PM 11/24/2006 | 44 | 1 139°2.7095" E | 30°56.0833" S |
| 3:04:34 PM 11/24/2006 | 57 | 1 139°2.7100" E | 30°56.0838" S |
| 3:04:35 PM 11/24/2006 | 58 | 1 139°2.7100" E | 30°56.0838" S |
| 3:04:37 PM 11/24/2006 | 51 | 1 139°2.7110" E | 30°56.0847" S |
| 3:04:39 PM 11/24/2006 | 46 | 1 139°2.7110" E | 30°56.0847" S |
| 3:04:41 PM 11/24/2006 | 39 | 1 139°2.7126" E | 30°56.0861" S |
| 3:04:43 PM 11/24/2006 | 56 | 1 139°2.7139" E | 30°56.0874" S |
| 3:04:45 PM 11/24/2006 | 59 | 1 139°2.7144" E | 30°56.0879" S |
| 3:04:46 PM 11/24/2006 | 54 | 1 139°2.7144" E | 30°56.0879" S |
| 3:04:47 PM 11/24/2006 | 49 | 1 139°2.7153" E | 30°56.0886" S |
| 3:04:48 PM 11/24/2006 | 59 | 1 139°2.7153" E | 30°56.0886" S |
| 3:04:51 PM 11/24/2006 | 41 | 1 139°2.7164" E | 30°56.0894" S |
| 3:04:52 PM 11/24/2006 | 46 | 1 139°2.7174" E | 30°56.0901" S |
| 3:04:52 PM 11/24/2006 | 53 | 1 139°2.7178" E | 30°56.0903" S |
| 3:04:54 PM 11/24/2006 | 61 | 1 139°2.7181" E | 30°56.0906" S |
| 3:04:55 PM 11/24/2006 | 42 | 1 139°2.7181" E | 30°56.0906" S |
| 3:04:55 PM 11/24/2006 | 50 | 1 139°2.7181" E | 30°56.0906" S |
| 3:04:57 PM 11/24/2006 | 50 | 1 139°2.7187" E | 30°56.0915" S |
| 3:04:58 PM 11/24/2006 | 53 | 1 139°2.7191" E | 30°56.0918" S |
| 3:05:01 PM 11/24/2006 | 59 | 1 139°2.7191" E | 30°56.0918" S |
| 3:05:02 PM 11/24/2006 | 54 | 1 139°2.7202" E | 30°56.0928" S |
| 3:05:03 PM 11/24/2006 | 43 | 1 139°2.7206" E | 30°56.0932" S |
| 3:05:04 PM 11/24/2006 | 51 | 1 139°2.7212" E | 30°56.0936" S |
| 3:05:07 PM 11/24/2006 | 53 | 1 139°2.7224" E | 30°56.0946" S |
| 3:05:08 PM 11/24/2006 | 45 | 1 139°2.7224" E | 30°56.0946" S |
| 3:05:10 PM 11/24/2006 | 55 | 1 139°2.7240" E | 30°56.0954" S |
| 3:05:11 PM 11/24/2006 | 42 | 1 139°2.7247" E | 30°56.0958" S |
| 3:05:13 PM 11/24/2006 | 80 | 1 139°2.7247" E | 30°56.0958" S |
| 3:05:14 PM 11/24/2006 | 58 | 1 139°2.7260" E | 30°56.0965" S |
| 3:05:15 PM 11/24/2006 | 49 | 1 139°2.7268" E | 30°56.0969" S |
| 3:05:16 PM 11/24/2006 | 46 | 1 139°2.7268" E | 30°56.0969" S |
| 3:05:18 PM 11/24/2006 | 46 | 1 139°2.7278" E | 30°56.0978" S |
| 3:05:21 PM 11/24/2006 | 55 | 1 139°2.7284" E | 30°56.0983" S |
| 3:05:23 PM 11/24/2006 | 62 | 1 139°2.7301" E | 30°56.0994" S |
| 3:05:24 PM 11/24/2006 | 61 | 1 139°2.7301" E | 30°56.0994" S |
| 3:05:26 PM 11/24/2006 | 62 | 1 139°2.7301" E | 30°56.0994" S |
| 3:05:27 PM 11/24/2006 | 69 | 1 139°2.7323" E | 30°56.1006" S |
| 3:05:28 PM 11/24/2006 | 67 | 1 139°2.7323" E | 30°56.1006" S |
| 3:05:31 PM 11/24/2006 | 55 | 1 139°2.7337" E | 30°56.1014" S |
| 3:05:33 PM 11/24/2006 | 65 | 1 139°2.7347" E | 30°56.1021" S |
| 3:05:34 PM 11/24/2006 | 67 | 1 139°2.7347" E | 30°56.1021" S |
| 3:05:35 PM 11/24/2006 | 58 | 1 139°2.7360" E | 30°56.1029" S |
| 3:05:36 PM 11/24/2006 | 51 | 1 139°2.7360" E | 30°56.1029" S |
| 3:05:37 PM 11/24/2006 | 52 | 1 139°2.7370" E | 30°56.1036" S |
| 3:05:39 PM 11/24/2006 | 46 | 1 139°2.7370" E | 30°56.1036" S |
| 3:05:41 PM 11/24/2006 | 48 | 1 139°2.7381" E | 30°56.1044" S |
| 3:05:42 PM 11/24/2006 | 57 | 1 139°2.7386" E | 30°56.1048" S |
| 3:05:43 PM 11/24/2006 | 62 | 1 139°2.7398" E | 30°56.1051" S |
| 3:05:44 PM 11/24/2006 | 67 | 1 139°2.7398" E | 30°56.1051" S |
| 3:05:46 PM 11/24/2006 | 54 | 1 139°2.7398" E | 30°56.1051" S |
| 3:05:47 PM 11/24/2006 | 56 | 1 139°2.7420" E | 30°56.1062" S |
| 3:05:48 PM 11/24/2006 | 50 | 1 139°2.7423" E | 30°56.1063" S |
| 3:05:50 PM 11/24/2006 | 47 | 1 139°2.7423" E | 30°56.1063" S |
| 3:05:53 PM 11/24/2006 | 60 | 1 139°2.7437" E | 30°56.1068" S |
| 3:05:54 PM 11/24/2006 | 52 | 1 139°2.7443" E | 30°56.1072" S |
| 3:05:56 PM 11/24/2006 | 69 | 1 139°2.7443" E | 30°56.1072" S |
| 3:05:57 PM 11/24/2006 | 48 | 1 139°2.7501" E | 30°56.1089" S |
| 3:05:58 PM 11/24/2006 | 54 | 1 139°2.7501" E | 30°56.1089" S |
| 3:06:00 PM 11/24/2006 | 45 | 1 139°2.7512" E | 30°56.1093" S |
| 3:06:01 PM 11/24/2006 | 55 | 1 139°2.7512" E | 30°56.1093" S |
| 3:20:06 PM 11/24/2006 | 53 | 1 139°2.6533" E | 30°56.0680" S |
| 3:20:08 PM 11/24/2006 | 53 | 1 139°2.6533" E | 30°56.0680" S |
| 3:20:10 PM 11/24/2006 | 64 | 1 139°2.6539" E | 30°56.0694" S |
| 3:20:11 PM 11/24/2006 | 44 | 1 139°2.6552" E | 30°56.0649" S |
| 3:20:12 PM 11/24/2006 | 58 | 1 139°2.6542" E | 30°56.0654" S |
| 3:20:13 PM 11/24/2006 | 47 | 1 139°2.6527" E | 30°56.0672" S |
| 3:20:15 PM 11/24/2006 | 53 | 1 139°2.6527" E | 30°56.0672" S |
| 3:20:17 PM 11/24/2006 | 42 | 1 139°2.6505" E | 30°56.0668" S |
| 3:20:19 PM 11/24/2006 | 58 | 1 139°2.6486" E | 30°56.0661" S |
| 3:20:20 PM 11/24/2006 | 77 | 1 139°2.6477" E | 30°56.0657" S |
| 3:20:22 PM 11/24/2006 | 59 | 1 139°2.6477" E | 30°56.0657" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|            |            |    |                 |               |
|------------|------------|----|-----------------|---------------|
| 3:20:23 PM | 11/24/2006 | 49 | 1 139°2.6461" E | 30°56.0651" S |
| 3:20:24 PM | 11/24/2006 | 54 | 1 139°2.6453" E | 30°56.0648" S |
| 3:20:25 PM | 11/24/2006 | 62 | 1 139°2.6453" E | 30°56.0648" S |
| 3:20:27 PM | 11/24/2006 | 52 | 1 139°2.6436" E | 30°56.0643" S |
| 3:20:29 PM | 11/24/2006 | 54 | 1 139°2.6436" E | 30°56.0643" S |
| 3:20:30 PM | 11/24/2006 | 52 | 1 139°2.6420" E | 30°56.0637" S |
| 3:20:31 PM | 11/24/2006 | 51 | 1 139°2.6420" E | 30°56.0637" S |
| 3:20:34 PM | 11/24/2006 | 49 | 1 139°2.6405" E | 30°56.0632" S |
| 3:20:36 PM | 11/24/2006 | 48 | 1 139°2.6405" E | 30°56.0632" S |
| 3:20:37 PM | 11/24/2006 | 63 | 1 139°2.6383" E | 30°56.0624" S |
| 3:20:38 PM | 11/24/2006 | 56 | 1 139°2.6383" E | 30°56.0624" S |
| 3:20:39 PM | 11/24/2006 | 53 | 1 139°2.6367" E | 30°56.0618" S |
| 3:20:40 PM | 11/24/2006 | 53 | 1 139°2.6359" E | 30°56.0615" S |
| 3:20:43 PM | 11/24/2006 | 66 | 1 139°2.6351" E | 30°56.0611" S |
| 3:20:45 PM | 11/24/2006 | 53 | 1 139°2.6337" E | 30°56.0600" S |
| 3:20:45 PM | 11/24/2006 | 53 | 1 139°2.6324" E | 30°56.0592" S |
| 3:20:47 PM | 11/24/2006 | 48 | 1 139°2.6324" E | 30°56.0592" S |
| 3:20:48 PM | 11/24/2006 | 52 | 1 139°2.6311" E | 30°56.0583" S |
| 3:20:48 PM | 11/24/2006 | 51 | 1 139°2.6306" E | 30°56.0577" S |
| 3:20:49 PM | 11/24/2006 | 63 | 1 139°2.6301" E | 30°56.0567" S |
| 3:20:50 PM | 11/24/2006 | 54 | 1 139°2.6296" E | 30°56.0555" S |
| 3:20:51 PM | 11/24/2006 | 67 | 1 139°2.6296" E | 30°56.0555" S |
| 3:20:52 PM | 11/24/2006 | 52 | 1 139°2.6296" E | 30°56.0555" S |
| 3:20:55 PM | 11/24/2006 | 49 | 1 139°2.6275" E | 30°56.0537" S |
| 3:20:58 PM | 11/24/2006 | 44 | 1 139°2.6260" E | 30°56.0531" S |
| 3:20:59 PM | 11/24/2006 | 54 | 1 139°2.6247" E | 30°56.0523" S |
| 3:21:00 PM | 11/24/2006 | 61 | 1 139°2.6241" E | 30°56.0518" S |
| 3:21:02 PM | 11/24/2006 | 45 | 1 139°2.6235" E | 30°56.0514" S |
| 3:21:03 PM | 11/24/2006 | 69 | 1 139°2.6229" E | 30°56.0509" S |
| 3:21:05 PM | 11/24/2006 | 51 | 1 139°2.6224" E | 30°56.0505" S |
| 3:21:06 PM | 11/24/2006 | 57 | 1 139°2.6224" E | 30°56.0505" S |
| 3:21:08 PM | 11/24/2006 | 45 | 1 139°2.6211" E | 30°56.0496" S |
| 3:21:08 PM | 11/24/2006 | 49 | 1 139°2.6211" E | 30°56.0496" S |
| 3:21:12 PM | 11/24/2006 | 61 | 1 139°2.6196" E | 30°56.0488" S |
| 3:21:13 PM | 11/24/2006 | 54 | 1 139°2.6196" E | 30°56.0488" S |
| 3:21:14 PM | 11/24/2006 | 55 | 1 139°2.6174" E | 30°56.0476" S |
| 3:21:15 PM | 11/24/2006 | 59 | 1 139°2.6167" E | 30°56.0472" S |
| 3:21:18 PM | 11/24/2006 | 50 | 1 139°2.6155" E | 30°56.0464" S |
| 3:21:19 PM | 11/24/2006 | 55 | 1 139°2.6148" E | 30°56.0461" S |
| 3:21:19 PM | 11/24/2006 | 50 | 1 139°2.6142" E | 30°56.0458" S |
| 3:21:20 PM | 11/24/2006 | 64 | 1 139°2.6135" E | 30°56.0455" S |
| 3:21:21 PM | 11/24/2006 | 61 | 1 139°2.6135" E | 30°56.0455" S |
| 3:21:22 PM | 11/24/2006 | 48 | 1 139°2.6135" E | 30°56.0455" S |
| 3:21:23 PM | 11/24/2006 | 58 | 1 139°2.6135" E | 30°56.0455" S |
| 3:21:25 PM | 11/24/2006 | 57 | 1 139°2.6105" E | 30°56.0444" S |
| 3:21:26 PM | 11/24/2006 | 47 | 1 139°2.6092" E | 30°56.0437" S |
| 3:21:27 PM | 11/24/2006 | 58 | 1 139°2.6092" E | 30°56.0437" S |
| 3:21:28 PM | 11/24/2006 | 60 | 1 139°2.6092" E | 30°56.0437" S |
| 3:21:30 PM | 11/24/2006 | 51 | 1 139°2.6074" E | 30°56.0425" S |
| 3:21:32 PM | 11/24/2006 | 54 | 1 139°2.6063" E | 30°56.0416" S |
| 3:21:35 PM | 11/24/2006 | 44 | 1 139°2.6052" E | 30°56.0407" S |
| 3:21:36 PM | 11/24/2006 | 47 | 1 139°2.6042" E | 30°56.0404" S |
| 3:21:37 PM | 11/24/2006 | 53 | 1 139°2.6035" E | 30°56.0401" S |
| 3:21:38 PM | 11/24/2006 | 46 | 1 139°2.6035" E | 30°56.0401" S |
| 3:21:40 PM | 11/24/2006 | 47 | 1 139°2.6035" E | 30°56.0401" S |
| 3:21:42 PM | 11/24/2006 | 65 | 1 139°2.6035" E | 30°56.0401" S |
| 3:21:43 PM | 11/24/2006 | 53 | 1 139°2.6005" E | 30°56.0391" S |
| 3:21:45 PM | 11/24/2006 | 64 | 1 139°2.6005" E | 30°56.0391" S |
| 3:21:46 PM | 11/24/2006 | 54 | 1 139°2.5992" E | 30°56.0383" S |
| 3:21:48 PM | 11/24/2006 | 53 | 1 139°2.5992" E | 30°56.0383" S |
| 3:21:49 PM | 11/24/2006 | 42 | 1 139°2.5992" E | 30°56.0383" S |
| 3:21:51 PM | 11/24/2006 | 42 | 1 139°2.5970" E | 30°56.0376" S |
| 3:21:52 PM | 11/24/2006 | 53 | 1 139°2.5970" E | 30°56.0376" S |
| 3:21:54 PM | 11/24/2006 | 65 | 1 139°2.5957" E | 30°56.0371" S |
| 3:21:57 PM | 11/24/2006 | 68 | 1 139°2.5942" E | 30°56.0365" S |
| 3:21:58 PM | 11/24/2006 | 56 | 1 139°2.5934" E | 30°56.0363" S |
| 3:21:59 PM | 11/24/2006 | 50 | 1 139°2.5926" E | 30°56.0360" S |
| 3:22:00 PM | 11/24/2006 | 54 | 1 139°2.5917" E | 30°56.0357" S |
| 3:22:02 PM | 11/24/2006 | 53 | 1 139°2.5917" E | 30°56.0357" S |
| 3:22:05 PM | 11/24/2006 | 63 | 1 139°2.5901" E | 30°56.0351" S |
| 3:22:08 PM | 11/24/2006 | 61 | 1 139°2.5884" E | 30°56.0345" S |
| 3:22:09 PM | 11/24/2006 | 65 | 1 139°2.5884" E | 30°56.0345" S |
| 3:22:11 PM | 11/24/2006 | 54 | 1 139°2.5884" E | 30°56.0345" S |
| 3:22:13 PM | 11/24/2006 | 47 | 1 139°2.5850" E | 30°56.0328" S |
| 3:22:14 PM | 11/24/2006 | 51 | 1 139°2.5842" E | 30°56.0324" S |
| 3:22:15 PM | 11/24/2006 | 66 | 1 139°2.5834" E | 30°56.0320" S |
| 3:22:17 PM | 11/24/2006 | 55 | 1 139°2.5834" E | 30°56.0320" S |
| 3:22:19 PM | 11/24/2006 | 43 | 1 139°2.5821" E | 30°56.0312" S |
| 3:22:21 PM | 11/24/2006 | 57 | 1 139°2.5821" E | 30°56.0312" S |
| 3:22:26 PM | 11/24/2006 | 55 | 1 139°2.5790" E | 30°56.0293" S |
| 3:22:27 PM | 11/24/2006 | 78 | 1 139°2.5786" E | 30°56.0288" S |
| 3:22:29 PM | 11/24/2006 | 61 | 1 139°2.5782" E | 30°56.0282" S |
| 3:22:30 PM | 11/24/2006 | 77 | 1 139°2.5782" E | 30°56.0282" S |
| 3:22:31 PM | 11/24/2006 | 60 | 1 139°2.5782" E | 30°56.0282" S |
| 3:22:33 PM | 11/24/2006 | 57 | 1 139°2.5782" E | 30°56.0282" S |
| 3:22:36 PM | 11/24/2006 | 54 | 1 139°2.5753" E | 30°56.0261" S |
| 3:22:37 PM | 11/24/2006 | 52 | 1 139°2.5753" E | 30°56.0261" S |
| 3:22:39 PM | 11/24/2006 | 58 | 1 139°2.5753" E | 30°56.0261" S |
| 3:22:41 PM | 11/24/2006 | 50 | 1 139°2.5753" E | 30°56.0261" S |
| 3:22:42 PM | 11/24/2006 | 71 | 1 139°2.5731" E | 30°56.0242" S |
| 3:22:43 PM | 11/24/2006 | 57 | 1 139°2.5724" E | 30°56.0238" S |
| 3:22:45 PM | 11/24/2006 | 47 | 1 139°2.5716" E | 30°56.0234" S |
| 3:22:46 PM | 11/24/2006 | 61 | 1 139°2.5716" E | 30°56.0234" S |
| 3:22:48 PM | 11/24/2006 | 59 | 1 139°2.5699" E | 30°56.0226" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 3**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 3:22:50 PM 11/24/2006 | 58 | 1 139°2.5699" E | 30°56.0226" S |
| 3:22:52 PM 11/24/2006 | 42 | 1 139°2.5679" E | 30°56.0214" S |
| 3:22:54 PM 11/24/2006 | 63 | 1 139°2.5679" E | 30°56.0214" S |
| 3:22:57 PM 11/24/2006 | 54 | 1 139°2.5667" E | 30°56.0206" S |
| 3:22:58 PM 11/24/2006 | 65 | 1 139°2.5654" E | 30°56.0197" S |
| 3:22:59 PM 11/24/2006 | 69 | 1 139°2.5647" E | 30°56.0193" S |
| 3:23:02 PM 11/24/2006 | 71 | 1 139°2.5640" E | 30°56.0189" S |
| 3:23:03 PM 11/24/2006 | 60 | 1 139°2.5626" E | 30°56.0183" S |
| 3:23:05 PM 11/24/2006 | 56 | 1 139°2.5626" E | 30°56.0183" S |
| 3:23:06 PM 11/24/2006 | 68 | 1 139°2.5609" E | 30°56.0178" S |
| 3:23:10 PM 11/24/2006 | 58 | 1 139°2.5609" E | 30°56.0178" S |
| 3:23:11 PM 11/24/2006 | 50 | 1 139°2.5588" E | 30°56.0167" S |
| 3:23:12 PM 11/24/2006 | 50 | 1 139°2.5582" E | 30°56.0162" S |
| 3:23:14 PM 11/24/2006 | 65 | 1 139°2.5575" E | 30°56.0157" S |
| 3:23:15 PM 11/24/2006 | 68 | 1 139°2.5575" E | 30°56.0157" S |
| 3:23:17 PM 11/24/2006 | 64 | 1 139°2.5562" E | 30°56.0148" S |
| 3:23:18 PM 11/24/2006 | 60 | 1 139°2.5562" E | 30°56.0148" S |
| 3:23:20 PM 11/24/2006 | 60 | 1 139°2.5546" E | 30°56.0134" S |
| 3:23:21 PM 11/24/2006 | 51 | 1 139°2.5546" E | 30°56.0134" S |
| 3:23:24 PM 11/24/2006 | 60 | 1 139°2.5536" E | 30°56.0124" S |
| 3:23:25 PM 11/24/2006 | 56 | 1 139°2.5524" E | 30°56.0114" S |
| 3:23:26 PM 11/24/2006 | 54 | 1 139°2.5519" E | 30°56.0109" S |
| 3:23:29 PM 11/24/2006 | 47 | 1 139°2.5513" E | 30°56.0105" S |
| 3:23:31 PM 11/24/2006 | 60 | 1 139°2.5499" E | 30°56.0097" S |
| 3:23:32 PM 11/24/2006 | 57 | 1 139°2.5499" E | 30°56.0097" S |
| 3:23:33 PM 11/24/2006 | 59 | 1 139°2.5485" E | 30°56.0087" S |
| 3:23:35 PM 11/24/2006 | 63 | 1 139°2.5485" E | 30°56.0087" S |
| 3:23:37 PM 11/24/2006 | 54 | 1 139°2.5474" E | 30°56.0078" S |
| 3:23:38 PM 11/24/2006 | 51 | 1 139°2.5469" E | 30°56.0073" S |
| 3:23:40 PM 11/24/2006 | 48 | 1 139°2.5469" E | 30°56.0073" S |
| 3:23:42 PM 11/24/2006 | 70 | 1 139°2.5452" E | 30°56.0053" S |
| 3:23:44 PM 11/24/2006 | 55 | 1 139°2.5452" E | 30°56.0053" S |
| 3:23:47 PM 11/24/2006 | 49 | 1 139°2.5451" E | 30°56.0056" S |
| 3:23:49 PM 11/24/2006 | 48 | 1 139°2.5451" E | 30°56.0056" S |
| 3:23:50 PM 11/24/2006 | 50 | 1 139°2.5454" E | 30°56.0052" S |
| 3:23:51 PM 11/24/2006 | 63 | 1 139°2.5454" E | 30°56.0052" S |
| 3:23:53 PM 11/24/2006 | 57 | 1 139°2.5454" E | 30°56.0052" S |
| 3:23:55 PM 11/24/2006 | 61 | 1 139°2.5454" E | 30°56.0052" S |
| 3:23:56 PM 11/24/2006 | 68 | 1 139°2.5454" E | 30°56.0052" S |
| 3:23:59 PM 11/24/2006 | 57 | 1 139°2.5454" E | 30°56.0052" S |
| 3:24:01 PM 11/24/2006 | 61 | 1 139°2.5454" E | 30°56.0052" S |
| 3:24:02 PM 11/24/2006 | 53 | 1 139°2.5454" E | 30°56.0052" S |
| 3:24:07 PM 11/24/2006 | 58 | 1 139°2.5449" E | 30°56.0050" S |
| 3:24:09 PM 11/24/2006 | 56 | 1 139°2.5437" E | 30°56.0048" S |
| 3:24:12 PM 11/24/2006 | 52 | 1 139°2.5418" E | 30°56.0043" S |
| 3:24:15 PM 11/24/2006 | 62 | 1 139°2.5399" E | 30°56.0035" S |
| 3:24:17 PM 11/24/2006 | 58 | 1 139°2.5380" E | 30°56.0030" S |
| 3:24:20 PM 11/24/2006 | 48 | 1 139°2.5363" E | 30°56.0025" S |
| 3:24:22 PM 11/24/2006 | 68 | 1 139°2.5363" E | 30°56.0025" S |
| 3:24:24 PM 11/24/2006 | 69 | 1 139°2.5363" E | 30°56.0025" S |
| 3:24:25 PM 11/24/2006 | 61 | 1 139°2.5363" E | 30°56.0025" S |
| 3:24:27 PM 11/24/2006 | 61 | 1 139°2.5256" E | 30°55.9981" S |
| 3:24:29 PM 11/24/2006 | 39 | 1 139°2.5256" E | 30°55.9981" S |
| 3:24:30 PM 11/24/2006 | 59 | 1 139°2.5256" E | 30°55.9981" S |
| 3:24:31 PM 11/24/2006 | 62 | 1 139°2.5256" E | 30°55.9981" S |
| 3:24:32 PM 11/24/2006 | 69 | 1 139°2.5256" E | 30°55.9981" S |
| 3:24:33 PM 11/24/2006 | 71 | 1 139°2.5205" E | 30°55.9959" S |
| 3:24:34 PM 11/24/2006 | 79 | 1 139°2.5205" E | 30°55.9959" S |
| 3:24:35 PM 11/24/2006 | 58 | 1 139°2.5205" E | 30°55.9959" S |
| 3:24:36 PM 11/24/2006 | 76 | 1 139°2.5205" E | 30°55.9959" S |
| 3:24:36 PM 11/24/2006 | 56 | 1 139°2.5205" E | 30°55.9959" S |
| 3:24:38 PM 11/24/2006 | 70 | 1 139°2.5205" E | 30°55.9959" S |
| 3:24:38 PM 11/24/2006 | 67 | 1 139°2.5205" E | 30°55.9959" S |
| 3:24:40 PM 11/24/2006 | 62 | 1 139°2.5093" E | 30°55.9888" S |
| 3:24:41 PM 11/24/2006 | 55 | 1 139°2.5093" E | 30°55.9888" S |
| 3:24:41 PM 11/24/2006 | 62 | 1 139°2.5077" E | 30°55.9880" S |
| 3:24:43 PM 11/24/2006 | 63 | 1 139°2.5069" E | 30°55.9874" S |
| 3:24:45 PM 11/24/2006 | 70 | 1 139°2.5055" E | 30°55.9864" S |
| 3:24:45 PM 11/24/2006 | 68 | 1 139°2.5047" E | 30°55.9860" S |
| 3:24:46 PM 11/24/2006 | 59 | 1 139°2.5040" E | 30°55.9856" S |
| 3:24:47 PM 11/24/2006 | 60 | 1 139°2.5040" E | 30°55.9856" S |
| 3:24:48 PM 11/24/2006 | 67 | 1 139°2.5026" E | 30°55.9848" S |
| 3:24:49 PM 11/24/2006 | 73 | 1 139°2.5026" E | 30°55.9848" S |
| 3:24:51 PM 11/24/2006 | 56 | 1 139°2.5003" E | 30°55.9837" S |
| 3:24:52 PM 11/24/2006 | 57 | 1 139°2.5003" E | 30°55.9837" S |
| 3:24:52 PM 11/24/2006 | 66 | 1 139°2.4987" E | 30°55.9829" S |
| 3:24:54 PM 11/24/2006 | 56 | 1 139°2.4987" E | 30°55.9829" S |
| 3:24:55 PM 11/24/2006 | 60 | 1 139°2.4973" E | 30°55.9820" S |
| 3:24:55 PM 11/24/2006 | 54 | 1 139°2.4973" E | 30°55.9820" S |
| 3:24:56 PM 11/24/2006 | 75 | 1 139°2.4973" E | 30°55.9820" S |
| 3:24:57 PM 11/24/2006 | 64 | 1 139°2.4897" E | 30°55.9779" S |
| 3:24:58 PM 11/24/2006 | 46 | 1 139°2.4889" E | 30°55.9774" S |
| 3:24:58 PM 11/24/2006 | 81 | 1 139°2.4889" E | 30°55.9774" S |
| 3:25:01 PM 11/24/2006 | 61 | 1 139°2.4874" E | 30°55.9767" S |
| 3:25:02 PM 11/24/2006 | 70 | 1 139°2.4852" E | 30°55.9756" S |
| 3:25:03 PM 11/24/2006 | 52 | 1 139°2.4852" E | 30°55.9756" S |
| 3:25:04 PM 11/24/2006 | 57 | 1 139°2.4838" E | 30°55.9748" S |
| 3:25:06 PM 11/24/2006 | 70 | 1 139°2.4838" E | 30°55.9748" S |
| 3:25:07 PM 11/24/2006 | 63 | 1 139°2.4825" E | 30°55.9740" S |
| 3:25:08 PM 11/24/2006 | 78 | 1 139°2.4819" E | 30°55.9736" S |
| 3:25:10 PM 11/24/2006 | 66 | 1 139°2.4813" E | 30°55.9732" S |
| 3:25:11 PM 11/24/2006 | 60 | 1 139°2.4806" E | 30°55.9729" S |
| 3:25:13 PM 11/24/2006 | 54 | 1 139°2.4798" E | 30°55.9726" S |
| 3:25:14 PM 11/24/2006 | 81 | 1 139°2.4798" E | 30°55.9726" S |



# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 3

|            |            |    |                 |               |
|------------|------------|----|-----------------|---------------|
| 3:25:15 PM | 11/24/2006 | 64 | 1 139°2.4783" E | 30°55.9721" S |
| 3:25:17 PM | 11/24/2006 | 70 | 1 139°2.4776" E | 30°55.9718" S |
| 3:25:18 PM | 11/24/2006 | 76 | 1 139°2.4768" E | 30°55.9714" S |
| 3:25:20 PM | 11/24/2006 | 54 | 1 139°2.4762" E | 30°55.9710" S |
| 3:25:21 PM | 11/24/2006 | 66 | 1 139°2.4760" E | 30°55.9707" S |
| 3:25:22 PM | 11/24/2006 | 59 | 1 139°2.4761" E | 30°55.9704" S |
| 3:25:23 PM | 11/24/2006 | 63 | 1 139°2.4759" E | 30°55.9701" S |
| 3:25:25 PM | 11/24/2006 | 56 | 1 139°2.4758" E | 30°55.9698" S |
| 3:25:27 PM | 11/24/2006 | 77 | 1 139°2.4758" E | 30°55.9698" S |
| 3:25:28 PM | 11/24/2006 | 73 | 1 139°2.4758" E | 30°55.9698" S |
| 3:25:29 PM | 11/24/2006 | 56 | 1 139°2.4758" E | 30°55.9698" S |
| 3:25:30 PM | 11/24/2006 | 59 | 1 139°2.4758" E | 30°55.9697" S |
| 3:25:31 PM | 11/24/2006 | 65 | 1 139°2.4759" E | 30°55.9696" S |
| 3:25:33 PM | 11/24/2006 | 73 | 1 139°2.4760" E | 30°55.9696" S |
| 3:25:34 PM | 11/24/2006 | 78 | 1 139°2.4761" E | 30°55.9694" S |
| 3:25:35 PM | 11/24/2006 | 71 | 1 139°2.4763" E | 30°55.9692" S |
| 3:25:35 PM | 11/24/2006 | 64 | 1 139°2.4764" E | 30°55.9690" S |
| 3:25:36 PM | 11/24/2006 | 58 | 1 139°2.4765" E | 30°55.9689" S |
| 3:25:38 PM | 11/24/2006 | 63 | 1 139°2.4765" E | 30°55.9689" S |
| 3:25:39 PM | 11/24/2006 | 60 | 1 139°2.4765" E | 30°55.9688" S |
| 3:25:40 PM | 11/24/2006 | 73 | 1 139°2.4767" E | 30°55.9688" S |
| 3:25:41 PM | 11/24/2006 | 78 | 1 139°2.4768" E | 30°55.9689" S |
| 3:25:42 PM | 11/24/2006 | 60 | 1 139°2.4768" E | 30°55.9689" S |
| 3:25:43 PM | 11/24/2006 | 78 | 1 139°2.4768" E | 30°55.9689" S |
| 3:25:44 PM | 11/24/2006 | 73 | 1 139°2.4771" E | 30°55.9690" S |
| 3:25:45 PM | 11/24/2006 | 67 | 1 139°2.4771" E | 30°55.9689" S |
| 3:25:47 PM | 11/24/2006 | 76 | 1 139°2.4758" E | 30°55.9680" S |
| 3:25:48 PM | 11/24/2006 | 61 | 1 139°2.4758" E | 30°55.9680" S |
| 3:25:49 PM | 11/24/2006 | 72 | 1 139°2.4757" E | 30°55.9675" S |
| 3:25:50 PM | 11/24/2006 | 58 | 1 139°2.4757" E | 30°55.9675" S |
| 3:25:51 PM | 11/24/2006 | 70 | 1 139°2.4757" E | 30°55.9675" S |
| 3:25:52 PM | 11/24/2006 | 57 | 1 139°2.4749" E | 30°55.9667" S |
| 3:25:53 PM | 11/24/2006 | 83 | 1 139°2.4748" E | 30°55.9666" S |
| 3:25:54 PM | 11/24/2006 | 57 | 1 139°2.4747" E | 30°55.9668" S |
| 3:25:54 PM | 11/24/2006 | 56 | 1 139°2.4748" E | 30°55.9670" S |
| 3:25:56 PM | 11/24/2006 | 66 | 1 139°2.4748" E | 30°55.9670" S |
| 3:25:57 PM | 11/24/2006 | 66 | 1 139°2.4748" E | 30°55.9670" S |
| 3:25:58 PM | 11/24/2006 | 67 | 1 139°2.4745" E | 30°55.9665" S |
| 3:25:58 PM | 11/24/2006 | 76 | 1 139°2.4742" E | 30°55.9661" S |
| 3:25:59 PM | 11/24/2006 | 67 | 1 139°2.4738" E | 30°55.9658" S |
| 3:26:01 PM | 11/24/2006 | 78 | 1 139°2.4729" E | 30°55.9654" S |
| 3:26:02 PM | 11/24/2006 | 69 | 1 139°2.4724" E | 30°55.9652" S |
| 3:26:04 PM | 11/24/2006 | 66 | 1 139°2.4720" E | 30°55.9650" S |
| 3:26:05 PM | 11/24/2006 | 68 | 1 139°2.4720" E | 30°55.9650" S |
| 3:26:06 PM | 11/24/2006 | 75 | 1 139°2.4650" E | 30°55.9634" S |
| 3:26:07 PM | 11/24/2006 | 70 | 1 139°2.4642" E | 30°55.9631" S |
| 3:26:08 PM | 11/24/2006 | 72 | 1 139°2.4633" E | 30°55.9629" S |
| 3:26:10 PM | 11/24/2006 | 65 | 1 139°2.4633" E | 30°55.9629" S |
| 3:26:12 PM | 11/24/2006 | 86 | 1 139°2.4615" E | 30°55.9624" S |
| 3:26:13 PM | 11/24/2006 | 64 | 1 139°2.4615" E | 30°55.9624" S |
| 3:26:15 PM | 11/24/2006 | 71 | 1 139°2.4598" E | 30°55.9620" S |
| 3:26:17 PM | 11/24/2006 | 69 | 1 139°2.4598" E | 30°55.9620" S |
| 3:26:19 PM | 11/24/2006 | 77 | 1 139°2.4572" E | 30°55.9612" S |
| 3:26:20 PM | 11/24/2006 | 65 | 1 139°2.4572" E | 30°55.9612" S |
| 3:26:21 PM | 11/24/2006 | 67 | 1 139°2.4555" E | 30°55.9606" S |
| 3:26:22 PM | 11/24/2006 | 96 | 1 139°2.4547" E | 30°55.9602" S |
| 3:26:23 PM | 11/24/2006 | 67 | 1 139°2.4547" E | 30°55.9602" S |
| 3:26:25 PM | 11/24/2006 | 78 | 1 139°2.4547" E | 30°55.9602" S |
| 3:26:26 PM | 11/24/2006 | 86 | 1 139°2.4522" E | 30°55.9593" S |
| 3:26:27 PM | 11/24/2006 | 66 | 1 139°2.4514" E | 30°55.9592" S |
| 3:26:32 PM | 11/24/2006 | 69 | 1 139°2.4490" E | 30°55.9590" S |
| 3:26:33 PM | 11/24/2006 | 78 | 1 139°2.4482" E | 30°55.9587" S |
| 3:26:34 PM | 11/24/2006 | 66 | 1 139°2.4474" E | 30°55.9585" S |
| 3:26:36 PM | 11/24/2006 | 81 | 1 139°2.4465" E | 30°55.9583" S |
| 3:26:38 PM | 11/24/2006 | 76 | 1 139°2.4465" E | 30°55.9583" S |
| 3:26:40 PM | 11/24/2006 | 82 | 1 139°2.4449" E | 30°55.9577" S |
| 3:26:41 PM | 11/24/2006 | 73 | 1 139°2.4449" E | 30°55.9577" S |
| 3:26:43 PM | 11/24/2006 | 70 | 1 139°2.4434" E | 30°55.9571" S |
| 3:26:45 PM | 11/24/2006 | 79 | 1 139°2.4434" E | 30°55.9571" S |
| 3:26:47 PM | 11/24/2006 | 67 | 1 139°2.4409" E | 30°55.9564" S |
| 3:26:48 PM | 11/24/2006 | 74 | 1 139°2.4409" E | 30°55.9564" S |
| 3:26:50 PM | 11/24/2006 | 87 | 1 139°2.4392" E | 30°55.9558" S |
| 3:26:51 PM | 11/24/2006 | 70 | 1 139°2.4384" E | 30°55.9555" S |
| 3:26:54 PM | 11/24/2006 | 65 | 1 139°2.4367" E | 30°55.9550" S |
| 3:26:56 PM | 11/24/2006 | 61 | 1 139°2.4359" E | 30°55.9549" S |
| 3:26:57 PM | 11/24/2006 | 77 | 1 139°2.4351" E | 30°55.9547" S |
| 3:26:59 PM | 11/24/2006 | 48 | 1 139°2.4342" E | 30°55.9546" S |
| 3:27:02 PM | 11/24/2006 | 61 | 1 139°2.4325" E | 30°55.9543" S |
| 3:27:04 PM | 11/24/2006 | 72 | 1 139°2.4317" E | 30°55.9541" S |
| 3:27:06 PM | 11/24/2006 | 84 | 1 139°2.4299" E | 30°55.9537" S |
| 3:27:07 PM | 11/24/2006 | 64 | 1 139°2.4299" E | 30°55.9537" S |
| 3:27:10 PM | 11/24/2006 | 69 | 1 139°2.4283" E | 30°55.9536" S |
| 3:27:11 PM | 11/24/2006 | 52 | 1 139°2.4283" E | 30°55.9536" S |
| 3:27:12 PM | 11/24/2006 | 84 | 1 139°2.4267" E | 30°55.9536" S |
| 3:27:13 PM | 11/24/2006 | 61 | 1 139°2.4267" E | 30°55.9536" S |
| 3:27:16 PM | 11/24/2006 | 69 | 1 139°2.4267" E | 30°55.9536" S |
| 3:27:17 PM | 11/24/2006 | 69 | 1 139°2.4232" E | 30°55.9531" S |
| 3:27:18 PM | 11/24/2006 | 80 | 1 139°2.4222" E | 30°55.9528" S |
| 3:27:19 PM | 11/24/2006 | 64 | 1 139°2.4222" E | 30°55.9528" S |
| 3:27:23 PM | 11/24/2006 | 72 | 1 139°2.4195" E | 30°55.9523" S |
| 3:27:24 PM | 11/24/2006 | 55 | 1 139°2.4186" E | 30°55.9522" S |
| 3:27:25 PM | 11/24/2006 | 86 | 1 139°2.4186" E | 30°55.9522" S |
| 3:27:27 PM | 11/24/2006 | 69 | 1 139°2.4168" E | 30°55.9517" S |
| 3:27:28 PM | 11/24/2006 | 81 | 1 139°2.4168" E | 30°55.9517" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 3**

|                       |    |                 |               |
|-----------------------|----|-----------------|---------------|
| 3:27:31 PM 11/24/2006 | 76 | 1 139°2.4144" E | 30°55.9509" S |
| 3:27:33 PM 11/24/2006 | 83 | 1 139°2.4144" E | 30°55.9509" S |
| 3:27:34 PM 11/24/2006 | 57 | 1 139°2.4127" E | 30°55.9504" S |
| 3:27:36 PM 11/24/2006 | 62 | 1 139°2.4127" E | 30°55.9504" S |
| 3:27:38 PM 11/24/2006 | 55 | 1 139°2.4112" E | 30°55.9497" S |
| 3:27:39 PM 11/24/2006 | 89 | 1 139°2.4104" E | 30°55.9494" S |
| 3:27:41 PM 11/24/2006 | 86 | 1 139°2.4095" E | 30°55.9490" S |
| 3:27:42 PM 11/24/2006 | 67 | 1 139°2.4095" E | 30°55.9490" S |
| 3:27:45 PM 11/24/2006 | 70 | 1 139°2.4095" E | 30°55.9490" S |
| 3:27:46 PM 11/24/2006 | 66 | 1 139°2.4095" E | 30°55.9490" S |
| 3:27:48 PM 11/24/2006 | 72 | 1 139°2.3996" E | 30°55.9462" S |
| 3:27:50 PM 11/24/2006 | 72 | 1 139°2.3996" E | 30°55.9462" S |

## **APPENDIX 4**

### **Mt Roebuck biogeochemical assays**

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 4

|       |                                |                                     |           |                     |        |        |        |        |         |        |        |        |        |
|-------|--------------------------------|-------------------------------------|-----------|---------------------|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| H0002 | Version                        | 3                                   |           |                     |        |        |        |        |         |        |        |        |        |
| H0003 | Date Generated                 | 16-Apr-07                           |           |                     |        |        |        |        |         |        |        |        |        |
| H0004 | Reporting_period_end_date      | 31-Dec-06                           |           |                     |        |        |        |        |         |        |        |        |        |
| H0005 | State                          | SA                                  |           |                     |        |        |        |        |         |        |        |        |        |
| H0100 | Tenement_no                    | EL3469                              |           |                     |        |        |        |        |         |        |        |        |        |
| H0101 | Tenement_holder                | Hindmarsh Resources.                |           |                     |        |        |        |        |         |        |        |        |        |
| H0102 | Project_name                   | North Flinders Project              |           |                     |        |        |        |        |         |        |        |        |        |
| H0106 | Tenement_operator              | Hindmarsh Resources.                |           |                     |        |        |        |        |         |        |        |        |        |
| H0150 | 250K_map_sheet_number          | Sh5409                              |           |                     |        |        |        |        |         |        |        |        |        |
| H0200 | Start_date_of_data_acquisition | 25-Dec-06                           |           |                     |        |        |        |        |         |        |        |        |        |
| H0201 | End_date_of_data_acquisition   | 25-Dec-06                           |           |                     |        |        |        |        |         |        |        |        |        |
| H0202 | Template_format                | SG1                                 |           |                     |        |        |        |        |         |        |        |        |        |
| H0203 | Number_of_data_records         | 18                                  |           |                     |        |        |        |        |         |        |        |        |        |
| H0204 | Date_of_metadata_update        | 16-Apr-07                           |           |                     |        |        |        |        |         |        |        |        |        |
| H0300 | Related_data_filenames         |                                     |           |                     |        |        |        |        |         |        |        |        |        |
| H0305 | Surface_geochem_comp_data_file |                                     |           |                     |        |        |        |        |         |        |        |        |        |
| H0500 | Feature_located                | Surface_location                    |           |                     |        |        |        |        |         |        |        |        |        |
| H0501 | Geodetic_datum                 | GDA94                               |           |                     |        |        |        |        |         |        |        |        |        |
| H0502 | Vertical_datum                 | AHD                                 |           |                     |        |        |        |        |         |        |        |        |        |
| H0503 | Projection                     | UNIVERSAL TRANSVERSE MERCATOR (UTM) |           |                     |        |        |        |        |         |        |        |        |        |
| H0530 | Coordinate_system              | Projected                           |           |                     |        |        |        |        |         |        |        |        |        |
| H0531 | Projection_zone                | 54                                  |           |                     |        |        |        |        |         |        |        |        |        |
| H0532 | Surveying_instrument           | GPS Standalone Navigational         |           |                     |        |        |        |        |         |        |        |        |        |
| H0600 | Sample_code                    | Vegetation                          |           |                     |        |        |        |        |         |        |        |        |        |
| H0601 | Sample_type                    | Vegetation                          |           |                     |        |        |        |        |         |        |        |        |        |
| H0800 | Assay_code                     | icp-ms/oes                          |           |                     |        |        |        |        |         |        |        |        |        |
| H0801 | Assay_company                  |                                     |           |                     |        |        |        |        |         |        |        |        |        |
| H0802 | Assay_description              | ICP-ms/oes                          |           |                     |        |        |        |        |         |        |        |        |        |
| H1000 | Sample #                       | ICP-MS/OES                          |           |                     |        |        |        |        |         |        |        |        |        |
| H1001 | H08150                         | Eastings                            | Northings | Species             | Organ  | Mo ppm | Cu ppm | Pb ppm | Zn ppm  | Ag ppb | Ni ppm | Co ppm | Mn ppm |
| H1002 | H08151                         | 316568                              | 6583943   | Acacia Victoriae    | Leaves | 0.66   | 3.41   | 0.15   | 9.7 <2  | <.1    |        | 0.07   | 67     |
| H1003 | H08152                         | 316500                              | 6582436   | Acacia Victoriae    | Leaves | 1.38   | 1.61   | 0.12   | 5 <2    | <.1    |        | 0.05   | 16     |
| H1004 | H08153                         | 316342                              | 6581150   | Acacia Victoriae    | Leaves | 0.41   | 4.84   | 0.14   | 13      | 3 <.1  |        | 0.12   | 16     |
| H1005 | H08154                         | 315942                              | 6580145   | Acacia Victoriae    | Leaves | 1.02   | 3.09   | 0.24   | 15.7    | 2 <.1  |        | 0.08   | 13     |
| H1006 | H08154D                        | 316016                              | 6579305   | Acacia Victoriae    | Leaves | 0.93   | 6.05   | 0.17   | 20.1    | 3      | 0.1    | 0.1    | 28     |
| H1007 | H08155                         | 316016                              | 6579305   | Acacia Victoriae    | Leaves | 0.9    | 5.91   | 0.15   | 19.8    | 3      | 0.2    | 0.1    | 28     |
| H1008 | H08156                         | 315792                              | 6578317   | Acacia Victoriae    | Leaves | 0.29   | 2.15   | 0.16   | 7       | 2 <.1  |        | 0.08   | 16     |
| H1009 | H08156D                        | 315438                              | 6577751   | Eremophila Duttonii | Twigs  | 0.06   | 8.79   | 0.25   | 11.5    | 2      | 0.6    | 0.14   | 24     |
| H1010 | H08157                         | 315438                              | 6577751   | Eremophila Duttonii | Twigs  | 0.06   | 8.57   | 0.26   | 11.9    | 2      | 0.5    | 0.11   | 23     |
| H1011 | H08158                         | 315124                              | 6577080   | Acacia Victoriae    | Leaves | 1.07   | 3.56   | 0.19   | 13      | 3 <.1  |        | 0.13   | 23     |
| H1012 | H08158D                        | 314330                              | 6575601   | Eremophila Duttonii | Twigs  | 0.12   | 10.79  | 0.18   | 8.6 <2  |        | 0.3    | 0.1    | 14     |
| H1013 | H08159                         | 314330                              | 6575601   | Eremophila Duttonii | Twigs  | 0.13   | 11.39  | 0.22   | 8.4 <2  |        | 0.3    | 0.11   | 15     |
| H1014 | H08159D                        | 313785                              | 6574904   | Acacia Victoriae    | Leaves | 0.76   | 3.82   | 0.17   | 8.2 <2  | <.1    |        | 0.1    | 14     |
| H1015 | H08159D2                       | 313785                              | 6574904   | Acacia Victoriae    | Leaves | 0.8    | 3.85   | 0.15   | 7.9 <2  | <.1    |        | 0.09   | 14     |
| H1016 | H08160                         | 313785                              | 6574904   | Acacia Victoriae    | Leaves | 0.75   | 3.9    | 0.18   | 7.6 <2  | <.1    |        | 0.09   | 14     |
| H1017 | H08161                         | 314054                              | 6573629   | Acacia Victoriae    | Leaves | 1.46   | 3.5    | 0.16   | 10.5 <2 | <.1    |        | 0.12   | 22     |
| H1018 | H08162                         | 313982                              | 6573164   | Acacia Victoriae    | Leaves | 0.25   | 3.86   | 0.13   | 11.9 <2 | <.1    |        | 0.07   | 25     |
| EOF   |                                | 312061                              | 6570276   | Acacia Victoriae    | Leaves | 0.62   | 2.69   | 0.17   | 15.3    | 2 <.1  |        | 0.05   | 61     |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 4**

| Fe %      | As ppm | U ppm    | Au ppb   | Th ppm | Sr ppm | Cd ppm     | Sb ppm    | Bi ppm | V ppm | Ca % | P %  | La ppm | Cr ppm |     |
|-----------|--------|----------|----------|--------|--------|------------|-----------|--------|-------|------|------|--------|--------|-----|
| 0.015     |        | 0.1      | 0.01     | 0.2    | 0.02   | 281.9      | 0.01 <.02 | <.02   | <2    |      | 2.9  | 0.096  | 0.07   | 1.5 |
| 0.016     |        | 0.1      | 0.01 <.2 |        | 0.02   | 326.2      | 0.01 <.02 | <.02   | <2    |      | 2.9  | 0.048  | 0.09   | 1.6 |
| 0.02      |        | 0.2 <.01 | <.2      |        | 0.02   | 94.4       | 0.01 <.02 | <.02   | <2    |      | 1.32 | 0.106  | 0.12   | 1.7 |
| 0.021 <.1 |        | <.01     | <.2      |        | 0.03   | 374.9      | 0.01 <.02 | <.02   | <2    |      | 3.12 | 0.106  | 0.11   | 1.8 |
| 0.016     |        | 0.2 <.01 | <.2      |        | 0.02   | 241.5      | 0.01 <.02 | <.02   | <2    |      | 1.99 | 0.09   | 0.09   | 1.7 |
| 0.017 <.1 |        | <.01     | <.2      |        | 0.02   | 238.6      | 0.01 <.02 | <.02   | <2    |      | 1.92 | 0.086  | 0.11   | 1.7 |
| 0.018     |        | 0.1      | 0.01 <.2 |        | 0.03   | 257.1 <.01 | <.02      | <.02   | <2    |      | 2.27 | 0.066  | 0.11   | 1.7 |
| 0.016     |        | 0.1 <.01 | <.2      |        | 0.02   | 74.7       | 0.56 <.02 | <.02   | <2    |      | 1.83 | 0.075  | 0.11   | 2.1 |
| 0.014     |        | 0.1 <.01 | <.2      |        | 0.02   | 80.7       | 0.57 <.02 | <.02   | <2    |      | 1.83 | 0.083  | 0.1    | 2.1 |
| 0.032 <.1 |        |          | 0.01 <.2 |        | 0.05   | 134.3      | 0.01 <.02 | <.02   | <2    |      | 2.75 | 0.079  | 0.23   | 2.1 |
| 0.012 <.1 |        | <.01     |          | 0.2    | 0.02   | 123.4      | 0.13 <.02 | <.02   | <2    |      | 1.56 | 0.059  | 0.08   | 1.8 |
| 0.013 <.1 |        | <.01     |          | 0.2    | 0.02   | 116        | 0.13 <.02 | <.02   | <2    |      | 1.5  | 0.054  | 0.1    | 1.9 |
| 0.019     |        | 0.1 <.01 |          | 0.2    | 0.03   | 91.5       | 0.01 <.02 | <.02   | <2    |      | 1.24 | 0.088  | 0.1    | 1.7 |
| 0.019     |        | 0.2 <.01 | <.2      |        | 0.03   | 94.6 <.01  | <.02      | <.02   | <2    |      | 1.28 | 0.092  | 0.1    | 1.8 |
| 0.019 <.1 |        | <.01     | <.2      |        | 0.03   | 95.9       | 0.01 <.02 | <.02   | <2    |      | 1.25 | 0.091  | 0.11   | 1.8 |
| 0.017     |        | 0.1 <.01 | <.2      |        | 0.03   | 136.6      | 0.01 <.02 | <.02   | <2    |      | 1.71 | 0.117  | 0.09   | 1.6 |
| 0.016     |        | 0.2 <.01 | <.2      |        | 0.02   | 42.3       | 0.01 <.02 | <.02   | <2    |      | 1.39 | 0.074  | 0.09   | 1.7 |
| 0.013     |        | 0.1      | 0.01     | 0.2    | 0.02   | 226.6      | 0.02 <.02 | <.02   | <2    |      | 2.66 | 0.07   | 0.07   | 1.8 |

FLINDERS RANGES PROJECT ATR 2006  
APPENDIX 4

| Mg %  | Ba ppm | Ti ppm | B ppm | Al %    | Na % | K %   | W ppm   | Sc ppm | Tl ppm   | S % | Hg ppb | Se ppm | Te ppm   | Ga ppm   |
|-------|--------|--------|-------|---------|------|-------|---------|--------|----------|-----|--------|--------|----------|----------|
| 0.176 |        | 5.9    | 4     | 69      | 0.01 | 0.051 | 0.58 <1 |        | 0.1 <.02 |     | 0.2    | 13     | 0.4      | 0.03 <.1 |
| 0.693 |        | 3.8    | 3     | 114     | 0.01 | 0.024 | 0.31 <1 |        | 0.1 <.02 |     | 0.14   | 20     | 0.3      | 0.03 <.1 |
| 0.224 |        | 1.7    | 4     | 38      | 0.01 | 0.017 | 0.77 <1 |        | 0.1 <.02 |     | 0.2    | 11     | 0.3 <.02 | <.1      |
| 0.524 |        | 2.9    | 5     | 89      | 0.02 | 0.063 | 0.55 <1 |        | 0.1 <.02 |     | 0.16   | 20     | 0.3      | 0.03     |
| 0.341 |        | 5.3    | 4     | 49      | 0.01 | 0.021 | 0.59 <1 |        | 0.1 <.02 |     | 0.23   | 16     | 0.4      | 0.02 <.1 |
| 0.309 |        | 5.1    | 4     | 45      | 0.01 | 0.02  | 0.58 <1 |        | 0.1 <.02 |     | 0.21   | 12     | 0.4      | 0.02 <.1 |
| 0.429 |        | 2.1    | 4     | 66      | 0.02 | 0.024 | 0.49 <1 |        | 0.1 <.02 |     | 0.16   | 15     | 0.3      | 0.02     |
| 0.173 |        | 2.7    | 4     | 19      | 0.01 | 0.294 | 1.65 <1 |        | 0.1 <.02 |     | 0.79   | 10     | 0.3 <.02 |          |
| 0.166 |        | 2.3    | 3     | 16      | 0.01 | 0.278 | 1.6 <1  |        | 0.1 <.02 |     | 0.86   | 5      | 0.3 <.02 | <.1      |
| 0.362 |        | 36.9   | 5     | 68      | 0.02 | 0.022 | 0.6 <1  |        | 0.1 <.02 |     | 0.16   | 16     | 0.4 <.02 |          |
| 0.173 |        | 5.3    | 3     | 12      | 0.01 | 0.147 | 2.21 <1 |        | 0.1 <.02 |     | 0.68   | 6      | 0.3 <.02 | <.1      |
| 0.177 |        | 5.1    | 3     | 11      | 0.01 | 0.151 | 2.36 <1 |        | 0.1 <.02 |     | 0.61   | 6      | 0.4 <.02 | <.1      |
| 0.269 |        | 15     | 4     | 43      | 0.02 | 0.025 | 0.65 <1 |        | 0.1 <.02 |     | 0.14   | 11     | 0.2 <.02 |          |
| 0.275 |        | 15.9   | 4     | 45      | 0.01 | 0.026 | 0.7 <1  |        | 0.1 <.02 |     | 0.15   | 10     | 0.3 <.02 |          |
| 0.265 |        | 16.4   | 4     | 42      | 0.01 | 0.026 | 0.68 <1 |        | 0.1 <.02 |     | 0.14   | 10     | 0.2 <.02 | <.1      |
| 0.221 |        | 7.3    | 5     | 34      | 0.01 | 0.05  | 0.97 <1 |        | 0.1 <.02 |     | 0.17   | 14     | 0.4      | 0.02     |
| 0.265 |        | 45.6   | 4     | 31      | 0.01 | 0.015 | 0.62 <1 |        | 0.1 <.02 |     | 0.12   | 9      | 0.3 <.02 | <.1      |
| 0.364 |        | 23.6   | 3     | 86 <.01 |      | 0.014 | 0.39 <1 |        | 0.1 <.02 |     | 0.17   | 23     | 0.6      | 0.03 <.1 |



FLINDERS RANGES PROJECT ATR 2006

APPENDIX 4

| Cs ppm | Ge ppm     | Hf ppm | Nb ppm     | Rb ppm | Sn ppm   | Ta ppm | Zr ppm | Y ppm | Ce ppm | In ppm    | Re ppb | Be ppm |
|--------|------------|--------|------------|--------|----------|--------|--------|-------|--------|-----------|--------|--------|
|        | 0.121 <.01 |        | 0.006      | 0.01   | 3.4 <.02 | <.001  |        | 0.11  | 0.049  | 0.17 <.02 |        | 1 <.1  |
|        | 0.349 <.01 |        | 0.007      | 0.01   | 3.1 <.02 | <.001  |        | 0.13  | 0.046  | 0.21 <.02 | <1     | <.1    |
|        | 0.013      | 0.03   | 0.004 <.01 |        | 0.9 <.02 | <.001  |        | 0.14  | 0.058  | 0.26 <.02 |        | 8 <.1  |
|        | 0.044      | 0.01   | 0.009      | 0.01   | 5.7 <.02 | <.001  |        | 0.17  | 0.072  | 0.27 <.02 | <1     | <.1    |
|        | 0.022      | 0.02   | 0.005 <.01 |        | 6.2 <.02 | <.001  |        | 0.11  | 0.065  | 0.22 <.02 |        | 1 <.1  |
|        | 0.024 <.01 |        | 0.004 <.01 |        | 6 <.02   | <.001  |        | 0.11  | 0.067  | 0.23 <.02 |        | 1 <.1  |
|        | 0.02       | 0.01   | 0.006      | 0.01   | 4.3 <.02 |        | 0.001  | 0.15  | 0.063  | 0.26 <.02 |        | 2 <.1  |
|        | 0.012      | 0.02   | 0.005 <.01 |        | 3.1 <.02 |        | 0.001  | 0.12  | 0.103  | 0.29 <.02 | <1     | <.1    |
|        | 0.011 <.01 |        | 0.006      | 0.01   | 3.1 <.02 | <.001  |        | 0.1   | 0.092  | 0.29 <.02 | <1     | <.1    |
|        | 0.056      | 0.02   | 0.007      | 0.01   | 3.1 <.02 | <.001  |        | 0.23  | 0.103  | 0.5 <.02  |        | 2 <.1  |
|        | 0.011      | 0.02   | 0.003 <.01 |        | 7 <.02   | <.001  |        | 0.09  | 0.085  | 0.22 <.02 | <1     | <.1    |
|        | 0.011      | 0.01   | 0.004 <.01 |        | 7.5 <.02 | <.001  |        | 0.09  | 0.093  | 0.24 <.02 | <1     | <.1    |
|        | 0.02       | 0.01   | 0.008      | 0.01   | 2.1 <.02 | <.001  |        | 0.15  | 0.063  | 0.23 <.02 | <1     | <.1    |
|        | 0.02       | 0.01   | 0.007 <.01 |        | 2.1 <.02 | <.001  |        | 0.14  | 0.059  | 0.22 <.02 | <1     | <.1    |
|        | 0.021      | 0.03   | 0.004 <.01 |        | 2.1 <.02 | <.001  |        | 0.14  | 0.07   | 0.25 <.02 | <1     | <.1    |
|        | 0.02 <.01  |        | 0.004 <.01 |        | 5.9 <.02 | <.001  |        | 0.13  | 0.059  | 0.21 <.02 | <1     | <.1    |
|        | 0.025 <.01 |        | 0.007      | 0.01   | 3.3 <.02 | <.001  |        | 0.13  | 0.053  | 0.21 <.02 |        | 1 <.1  |
|        | 0.023 <.01 |        | 0.002      | 0.01   | 2 <.02   | <.001  |        | 0.08  | 0.043  | 0.16 <.02 |        | 8 <.1  |

FLINDERS RANGES PROJECT ATR 2006  
APPENDIX 4

| Li ppm  | Pd ppb | Pt ppb |   |
|---------|--------|--------|---|
| 0.7 <2  | <1     |        |   |
| 0.52 <2 | <1     |        |   |
| 0.31 <2 | <1     |        |   |
| 1.88 <2 | <1     |        |   |
| 0.46 <2 | <1     |        |   |
| 0.43 <2 | <1     |        |   |
| 0.64 <2 |        |        | 1 |
| 0.31    | 6 <1   |        |   |
| 0.3     | 6 <1   |        |   |
| 0.23 <2 | <1     |        |   |
| 0.12 <2 | <1     |        |   |
| 0.13 <2 | <1     |        |   |
| 0.38 <2 | <1     |        |   |
| 0.4 <2  | <1     |        |   |
| 0.38 <2 |        |        | 1 |
| 0.39 <2 | <1     |        |   |
| 0.15 <2 | <1     |        |   |
| 0.47 <2 | <1     |        |   |

## **APPENDIX 5**

### **Mt Morris ground radiometric traverse 1**

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 5

|       |                                |                             |
|-------|--------------------------------|-----------------------------|
| H0002 | Version                        | 3                           |
| H0003 | Date_generated                 | 21-Nov-06                   |
| H0004 | Reporting_period_end_date      | 31-Dec-06                   |
| H0005 | State                          | SA                          |
| H0100 | Tenement_no                    | EL 3469                     |
| H0101 | Tenement_holder                | Hindmarsh Resources Limited |
| H0102 | Project_name                   | Mt Morris                   |
| H0106 | Tenement_operator              | Hindmarsh Resources Limited |
| H0150 | 250K_map_sheet_number          | SH 5409                     |
| H0151 | 100K_map_sheet_number          | 6636                        |
| H0200 | Start_date_of_data_acquisition | 21_November_2006            |
| H0201 | End_date_of_data_acquisition   | 21_November_2006            |
| H0202 | Template_format                |                             |
| H0203 | Number_of_data_records         | 346                         |
| H0204 | Date_of_metadata_update        | 16-Apr-07                   |
| H0500 | Feature_code                   |                             |
| H0501 | Geodetic_datum                 | WGS84                       |
| H0502 | Vertical_datum                 | AHD                         |
| H0503 | Projection                     | Transverse Mercator         |
| H0530 | Coordinate_system              | GDA94                       |
| H0531 | Projection_zone                |                             |
| H0532 | Surveying_instrument           | 54<br>Auslog GeoGAMMA v2.1  |

| Time       | Date       | Counts Per Second | Sample Period | Longitude      | Latitude      |
|------------|------------|-------------------|---------------|----------------|---------------|
| 9:34:36 AM | 11/21/2006 | 66                | 2             | 138°35.7020" E | 30°38.6400" S |
| 9:34:38 AM | 11/21/2006 | 60                | 2             | 138°35.7020" E | 30°38.6400" S |
| 9:34:40 AM | 11/21/2006 | 75                | 2             | 138°35.7020" E | 30°38.6400" S |
| 9:34:42 AM | 11/21/2006 | 70                | 2             | 138°35.7008" E | 30°38.6390" S |
| 9:34:46 AM | 11/21/2006 | 68                | 2             | 138°35.7008" E | 30°38.6390" S |
| 9:34:51 AM | 11/21/2006 | 62                | 2             | 138°35.6958" E | 30°38.6363" S |
| 9:34:55 AM | 11/21/2006 | 71                | 2             | 138°35.6958" E | 30°38.6363" S |
| 9:34:58 AM | 11/21/2006 | 75                | 2             | 138°35.6957" E | 30°38.6350" S |
| 9:35:00 AM | 11/21/2006 | 78                | 2             | 138°35.6957" E | 30°38.6350" S |
| 9:35:05 AM | 11/21/2006 | 75                | 2             | 138°35.6948" E | 30°38.6334" S |
| 9:35:12 AM | 11/21/2006 | 68                | 2             | 138°35.6927" E | 30°38.6316" S |
| 9:35:14 AM | 11/21/2006 | 70                | 2             | 138°35.6921" E | 30°38.6312" S |
| 9:35:16 AM | 11/21/2006 | 66                | 2             | 138°35.6921" E | 30°38.6312" S |
| 9:35:19 AM | 11/21/2006 | 70                | 2             | 138°35.6921" E | 30°38.6312" S |
| 9:35:22 AM | 11/21/2006 | 77                | 2             | 138°35.6908" E | 30°38.6307" S |
| 9:35:24 AM | 11/21/2006 | 70                | 2             | 138°35.6908" E | 30°38.6307" S |
| 9:36:32 AM | 11/21/2006 | 59                | 2             | 138°35.6863" E | 30°38.6298" S |
| 9:36:34 AM | 11/21/2006 | 75                | 2             | 138°35.6863" E | 30°38.6298" S |
| 9:36:36 AM | 11/21/2006 | 66                | 2             | 138°35.6851" E | 30°38.6286" S |
| 9:36:38 AM | 11/21/2006 | 72                | 2             | 138°35.6854" E | 30°38.6290" S |
| 9:36:40 AM | 11/21/2006 | 70                | 2             | 138°35.6854" E | 30°38.6290" S |
| 9:36:57 AM | 11/21/2006 | 71                | 2             | 138°35.6877" E | 30°38.6218" S |
| 9:36:59 AM | 11/21/2006 | 77                | 2             | 138°35.6877" E | 30°38.6218" S |
| 9:39:53 AM | 11/21/2006 | 89                | 2             | 138°35.6923" E | 30°38.5978" S |
| 9:39:55 AM | 11/21/2006 | 82                | 2             | 138°35.6923" E | 30°38.5978" S |
| 9:39:57 AM | 11/21/2006 | 72                | 2             | 138°35.6923" E | 30°38.5978" S |
| 9:40:00 AM | 11/21/2006 | 71                | 2             | 138°35.6936" E | 30°38.5998" S |
| 9:40:02 AM | 11/21/2006 | 72                | 2             | 138°35.6862" E | 30°38.5895" S |
| 9:40:04 AM | 11/21/2006 | 60                | 2             | 138°35.6859" E | 30°38.5889" S |
| 9:40:06 AM | 11/21/2006 | 73                | 2             | 138°35.6861" E | 30°38.5876" S |
| 9:40:08 AM | 11/21/2006 | 66                | 2             | 138°35.6861" E | 30°38.5876" S |
| 9:40:10 AM | 11/21/2006 | 68                | 2             | 138°35.6861" E | 30°38.5876" S |
| 9:40:12 AM | 11/21/2006 | 68                | 2             | 138°35.6873" E | 30°38.5870" S |
| 9:40:15 AM | 11/21/2006 | 70                | 2             | 138°35.6873" E | 30°38.5870" S |
| 9:40:16 AM | 11/21/2006 | 78                | 2             | 138°35.6878" E | 30°38.5871" S |
| 9:40:20 AM | 11/21/2006 | 68                | 2             | 138°35.6882" E | 30°38.5871" S |
| 9:40:22 AM | 11/21/2006 | 67                | 2             | 138°35.6888" E | 30°38.5869" S |
| 9:40:24 AM | 11/21/2006 | 72                | 2             | 138°35.6889" E | 30°38.5856" S |
| 9:40:27 AM | 11/21/2006 | 77                | 2             | 138°35.6889" E | 30°38.5856" S |
| 9:40:30 AM | 11/21/2006 | 78                | 2             | 138°35.6889" E | 30°38.5856" S |
| 9:40:37 AM | 11/21/2006 | 71                | 2             | 138°35.6887" E | 30°38.5791" S |
| 9:40:41 AM | 11/21/2006 | 66                | 2             | 138°35.6887" E | 30°38.5791" S |
| 9:42:40 AM | 11/21/2006 | 67                | 2             | 138°35.6846" E | 30°38.5697" S |
| 9:42:42 AM | 11/21/2006 | 70                | 2             | 138°35.6847" E | 30°38.5701" S |
| 9:42:45 AM | 11/21/2006 | 69                | 2             | 138°35.6849" E | 30°38.5703" S |
| 9:42:46 AM | 11/21/2006 | 67                | 2             | 138°35.6850" E | 30°38.5699" S |
| 9:45:02 AM | 11/21/2006 | 64                | 2             | 138°35.6851" E | 30°38.5713" S |
| 9:45:04 AM | 11/21/2006 | 73                | 2             | 138°35.6849" E | 30°38.5697" S |
| 9:45:06 AM | 11/21/2006 | 67                | 2             | 138°35.6850" E | 30°38.5692" S |
| 9:45:08 AM | 11/21/2006 | 68                | 2             | 138°35.6850" E | 30°38.5692" S |
| 9:45:10 AM | 11/21/2006 | 64                | 2             | 138°35.6851" E | 30°38.5700" S |
| 9:45:13 AM | 11/21/2006 | 74                | 2             | 138°35.6851" E | 30°38.5700" S |
| 9:45:15 AM | 11/21/2006 | 72                | 2             | 138°35.6855" E | 30°38.5713" S |
| 9:45:18 AM | 11/21/2006 | 68                | 2             | 138°35.6855" E | 30°38.5713" S |
| 9:45:19 AM | 11/21/2006 | 76                | 2             | 138°35.6855" E | 30°38.5713" S |
| 9:45:21 AM | 11/21/2006 | 73                | 2             | 138°35.6855" E | 30°38.5713" S |
| 9:45:23 AM | 11/21/2006 | 70                | 2             | 138°35.6855" E | 30°38.5713" S |
| 9:45:37 AM | 11/21/2006 | 71                | 2             | 138°35.6846" E | 30°38.5714" S |
| 9:45:39 AM | 11/21/2006 | 83                | 2             | 138°35.6846" E | 30°38.5714" S |
| 9:45:41 AM | 11/21/2006 | 63                | 2             | 138°35.6846" E | 30°38.5714" S |
| 9:45:43 AM | 11/21/2006 | 78                | 2             | 138°35.6846" E | 30°38.5714" S |
| 9:45:48 AM | 11/21/2006 | 71                | 2             | 138°35.6843" E | 30°38.5712" S |
| 9:45:51 AM | 11/21/2006 | 77                | 2             | 138°35.6850" E | 30°38.5712" S |
| 9:45:54 AM | 11/21/2006 | 76                | 2             | 138°35.6858" E | 30°38.5713" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 5**

|                       |    |                  |               |
|-----------------------|----|------------------|---------------|
| 9:45:56 AM 11/21/2006 | 78 | 2 138°35.6858" E | 30°38.5713" S |
| 9:45:57 AM 11/21/2006 | 71 | 2 138°35.6858" E | 30°38.5713" S |
| 9:46:02 AM 11/21/2006 | 77 | 2 138°35.6851" E | 30°38.5715" S |
| 9:46:04 AM 11/21/2006 | 69 | 2 138°35.6853" E | 30°38.5717" S |
| 9:46:06 AM 11/21/2006 | 75 | 2 138°35.6853" E | 30°38.5717" S |
| 9:46:09 AM 11/21/2006 | 72 | 2 138°35.6846" E | 30°38.5713" S |
| 9:46:11 AM 11/21/2006 | 67 | 2 138°35.6843" E | 30°38.5714" S |
| 9:46:14 AM 11/21/2006 | 67 | 2 138°35.6842" E | 30°38.5712" S |
| 9:46:16 AM 11/21/2006 | 69 | 2 138°35.6837" E | 30°38.5709" S |
| 9:46:18 AM 11/21/2006 | 71 | 2 138°35.6837" E | 30°38.5709" S |
| 9:46:21 AM 11/21/2006 | 63 | 2 138°35.6841" E | 30°38.5693" S |
| 9:46:22 AM 11/21/2006 | 73 | 2 138°35.6843" E | 30°38.5681" S |
| 9:46:26 AM 11/21/2006 | 76 | 2 138°35.6848" E | 30°38.5656" S |
| 9:46:27 AM 11/21/2006 | 73 | 2 138°35.6848" E | 30°38.5656" S |
| 9:46:31 AM 11/21/2006 | 72 | 2 138°35.6849" E | 30°38.5625" S |
| 9:46:32 AM 11/21/2006 | 66 | 2 138°35.6849" E | 30°38.5625" S |
| 9:46:36 AM 11/21/2006 | 72 | 2 138°35.6849" E | 30°38.5625" S |
| 9:46:38 AM 11/21/2006 | 70 | 2 138°35.6857" E | 30°38.5595" S |
| 9:46:42 AM 11/21/2006 | 71 | 2 138°35.6856" E | 30°38.5578" S |
| 9:46:45 AM 11/21/2006 | 61 | 2 138°35.6856" E | 30°38.5578" S |
| 9:46:46 AM 11/21/2006 | 61 | 2 138°35.6856" E | 30°38.5578" S |
| 9:46:48 AM 11/21/2006 | 67 | 2 138°35.6856" E | 30°38.5583" S |
| 9:46:51 AM 11/21/2006 | 59 | 2 138°35.6856" E | 30°38.5583" S |
| 9:46:52 AM 11/21/2006 | 63 | 2 138°35.6857" E | 30°38.5584" S |
| 9:46:54 AM 11/21/2006 | 61 | 2 138°35.6857" E | 30°38.5584" S |
| 9:46:58 AM 11/21/2006 | 62 | 2 138°35.6857" E | 30°38.5584" S |
| 9:47:01 AM 11/21/2006 | 66 | 2 138°35.6857" E | 30°38.5587" S |
| 9:47:03 AM 11/21/2006 | 57 | 2 138°35.6857" E | 30°38.5587" S |
| 9:47:06 AM 11/21/2006 | 57 | 2 138°35.6857" E | 30°38.5587" S |
| 9:47:07 AM 11/21/2006 | 57 | 2 138°35.6855" E | 30°38.5586" S |
| 9:47:11 AM 11/21/2006 | 72 | 2 138°35.6857" E | 30°38.5583" S |
| 9:47:13 AM 11/21/2006 | 71 | 2 138°35.6857" E | 30°38.5583" S |
| 9:47:15 AM 11/21/2006 | 64 | 2 138°35.6858" E | 30°38.5583" S |
| 9:47:17 AM 11/21/2006 | 73 | 2 138°35.6858" E | 30°38.5583" S |
| 9:47:21 AM 11/21/2006 | 63 | 2 138°35.6855" E | 30°38.5584" S |
| 9:47:25 AM 11/21/2006 | 59 | 2 138°35.6855" E | 30°38.5580" S |
| 9:47:26 AM 11/21/2006 | 68 | 2 138°35.6855" E | 30°38.5580" S |
| 9:47:29 AM 11/21/2006 | 55 | 2 138°35.6856" E | 30°38.5577" S |
| 9:47:32 AM 11/21/2006 | 69 | 2 138°35.6856" E | 30°38.5577" S |
| 9:47:33 AM 11/21/2006 | 56 | 2 138°35.6856" E | 30°38.5578" S |
| 9:47:37 AM 11/21/2006 | 52 | 2 138°35.6858" E | 30°38.5577" S |
| 9:47:39 AM 11/21/2006 | 62 | 2 138°35.6858" E | 30°38.5577" S |
| 9:47:42 AM 11/21/2006 | 59 | 2 138°35.6858" E | 30°38.5577" S |
| 9:47:44 AM 11/21/2006 | 59 | 2 138°35.6875" E | 30°38.5579" S |
| 9:47:47 AM 11/21/2006 | 61 | 2 138°35.6875" E | 30°38.5576" S |
| 9:47:48 AM 11/21/2006 | 61 | 2 138°35.6875" E | 30°38.5575" S |
| 9:47:51 AM 11/21/2006 | 74 | 2 138°35.6875" E | 30°38.5575" S |
| 9:47:53 AM 11/21/2006 | 70 | 2 138°35.6875" E | 30°38.5575" S |
| 9:47:55 AM 11/21/2006 | 51 | 2 138°35.6875" E | 30°38.5575" S |
| 9:47:57 AM 11/21/2006 | 65 | 2 138°35.6874" E | 30°38.5579" S |
| 9:48:00 AM 11/21/2006 | 53 | 2 138°35.6874" E | 30°38.5578" S |
| 9:48:02 AM 11/21/2006 | 65 | 2 138°35.6875" E | 30°38.5575" S |
| 9:48:05 AM 11/21/2006 | 65 | 2 138°35.6876" E | 30°38.5575" S |
| 9:48:08 AM 11/21/2006 | 54 | 2 138°35.6876" E | 30°38.5573" S |
| 9:48:10 AM 11/21/2006 | 65 | 2 138°35.6876" E | 30°38.5573" S |
| 9:48:12 AM 11/21/2006 | 60 | 2 138°35.6878" E | 30°38.5576" S |
| 9:48:14 AM 11/21/2006 | 65 | 2 138°35.6878" E | 30°38.5576" S |
| 9:48:16 AM 11/21/2006 | 65 | 2 138°35.6878" E | 30°38.5576" S |
| 9:48:19 AM 11/21/2006 | 63 | 2 138°35.6878" E | 30°38.5578" S |
| 9:48:21 AM 11/21/2006 | 67 | 2 138°35.6878" E | 30°38.5578" S |
| 9:48:27 AM 11/21/2006 | 69 | 2 138°35.6870" E | 30°38.5579" S |
| 9:48:31 AM 11/21/2006 | 52 | 2 138°35.6873" E | 30°38.5582" S |
| 9:48:37 AM 11/21/2006 | 65 | 2 138°35.6871" E | 30°38.5580" S |
| 9:48:40 AM 11/21/2006 | 67 | 2 138°35.6871" E | 30°38.5580" S |
| 9:48:42 AM 11/21/2006 | 65 | 2 138°35.6874" E | 30°38.5581" S |
| 9:48:45 AM 11/21/2006 | 59 | 2 138°35.6874" E | 30°38.5581" S |
| 9:48:48 AM 11/21/2006 | 60 | 2 138°35.6874" E | 30°38.5581" S |
| 9:49:05 AM 11/21/2006 | 59 | 2 138°35.6871" E | 30°38.5574" S |
| 9:49:07 AM 11/21/2006 | 71 | 2 138°35.6871" E | 30°38.5576" S |
| 9:49:11 AM 11/21/2006 | 66 | 2 138°35.6872" E | 30°38.5575" S |
| 9:49:13 AM 11/21/2006 | 49 | 2 138°35.6873" E | 30°38.5573" S |
| 9:49:16 AM 11/21/2006 | 57 | 2 138°35.6873" E | 30°38.5574" S |
| 9:49:18 AM 11/21/2006 | 66 | 2 138°35.6873" E | 30°38.5574" S |
| 9:49:20 AM 11/21/2006 | 68 | 2 138°35.6873" E | 30°38.5574" S |
| 9:49:23 AM 11/21/2006 | 53 | 2 138°35.6875" E | 30°38.5578" S |
| 9:49:26 AM 11/21/2006 | 64 | 2 138°35.6874" E | 30°38.5575" S |
| 9:49:28 AM 11/21/2006 | 64 | 2 138°35.6868" E | 30°38.5575" S |
| 9:49:30 AM 11/21/2006 | 72 | 2 138°35.6867" E | 30°38.5576" S |
| 9:49:33 AM 11/21/2006 | 61 | 2 138°35.6866" E | 30°38.5578" S |
| 9:49:37 AM 11/21/2006 | 61 | 2 138°35.6863" E | 30°38.5585" S |
| 9:49:39 AM 11/21/2006 | 56 | 2 138°35.6863" E | 30°38.5585" S |
| 9:49:41 AM 11/21/2006 | 69 | 2 138°35.6863" E | 30°38.5585" S |
| 9:49:43 AM 11/21/2006 | 69 | 2 138°35.6863" E | 30°38.5585" S |
| 9:49:44 AM 11/21/2006 | 63 | 2 138°35.6863" E | 30°38.5585" S |
| 9:49:50 AM 11/21/2006 | 74 | 2 138°35.6857" E | 30°38.5578" S |
| 9:49:52 AM 11/21/2006 | 68 | 2 138°35.6851" E | 30°38.5549" S |
| 9:49:56 AM 11/21/2006 | 62 | 2 138°35.6851" E | 30°38.5534" S |

**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 5**

|                       |    |                  |               |
|-----------------------|----|------------------|---------------|
| 9:49:58 AM 11/21/2006 | 56 | 2 138°35.6852" E | 30°38.5512" S |
| 9:49:59 AM 11/21/2006 | 67 | 2 138°35.6852" E | 30°38.5512" S |
| 9:50:02 AM 11/21/2006 | 59 | 2 138°35.6851" E | 30°38.5482" S |
| 9:50:04 AM 11/21/2006 | 68 | 2 138°35.6849" E | 30°38.5470" S |
| 9:50:07 AM 11/21/2006 | 65 | 2 138°35.6850" E | 30°38.5453" S |
| 9:50:09 AM 11/21/2006 | 79 | 2 138°35.6850" E | 30°38.5443" S |
| 9:50:12 AM 11/21/2006 | 63 | 2 138°35.6852" E | 30°38.5434" S |
| 9:50:14 AM 11/21/2006 | 79 | 2 138°35.6852" E | 30°38.5424" S |
| 9:50:16 AM 11/21/2006 | 67 | 2 138°35.6852" E | 30°38.5419" S |
| 9:50:18 AM 11/21/2006 | 72 | 2 138°35.6849" E | 30°38.5401" S |
| 9:50:21 AM 11/21/2006 | 63 | 2 138°35.6849" E | 30°38.5401" S |
| 9:50:22 AM 11/21/2006 | 67 | 2 138°35.6851" E | 30°38.5390" S |
| 9:50:24 AM 11/21/2006 | 69 | 2 138°35.6852" E | 30°38.5388" S |
| 9:50:27 AM 11/21/2006 | 76 | 2 138°35.6852" E | 30°38.5376" S |
| 9:50:30 AM 11/21/2006 | 73 | 2 138°35.6852" E | 30°38.5376" S |
| 9:50:32 AM 11/21/2006 | 67 | 2 138°35.6850" E | 30°38.5356" S |
| 9:50:36 AM 11/21/2006 | 73 | 2 138°35.6847" E | 30°38.5341" S |
| 9:50:38 AM 11/21/2006 | 69 | 2 138°35.6846" E | 30°38.5323" S |
| 9:50:39 AM 11/21/2006 | 64 | 2 138°35.6843" E | 30°38.5311" S |
| 9:50:42 AM 11/21/2006 | 67 | 2 138°35.6842" E | 30°38.5299" S |
| 9:50:44 AM 11/21/2006 | 59 | 2 138°35.6840" E | 30°38.5282" S |
| 9:50:48 AM 11/21/2006 | 65 | 2 138°35.6838" E | 30°38.5267" S |
| 9:50:49 AM 11/21/2006 | 65 | 2 138°35.6838" E | 30°38.5267" S |
| 9:50:52 AM 11/21/2006 | 70 | 2 138°35.6835" E | 30°38.5242" S |
| 9:50:54 AM 11/21/2006 | 63 | 2 138°35.6835" E | 30°38.5242" S |
| 9:50:56 AM 11/21/2006 | 55 | 2 138°35.6835" E | 30°38.5242" S |
| 9:50:58 AM 11/21/2006 | 67 | 2 138°35.6831" E | 30°38.5217" S |
| 9:51:01 AM 11/21/2006 | 67 | 2 138°35.6831" E | 30°38.5217" S |
| 9:51:02 AM 11/21/2006 | 59 | 2 138°35.6829" E | 30°38.5190" S |
| 9:51:04 AM 11/21/2006 | 70 | 2 138°35.6827" E | 30°38.5179" S |
| 9:51:07 AM 11/21/2006 | 80 | 2 138°35.6827" E | 30°38.5179" S |
| 9:51:08 AM 11/21/2006 | 66 | 2 138°35.6827" E | 30°38.5158" S |
| 9:51:10 AM 11/21/2006 | 78 | 2 138°35.6827" E | 30°38.5158" S |
| 9:51:12 AM 11/21/2006 | 70 | 2 138°35.6828" E | 30°38.5137" S |
| 9:51:14 AM 11/21/2006 | 72 | 2 138°35.6829" E | 30°38.5130" S |
| 9:51:18 AM 11/21/2006 | 70 | 2 138°35.6827" E | 30°38.5119" S |
| 9:51:20 AM 11/21/2006 | 65 | 2 138°35.6827" E | 30°38.5119" S |
| 9:51:22 AM 11/21/2006 | 73 | 2 138°35.6824" E | 30°38.5108" S |
| 9:51:24 AM 11/21/2006 | 71 | 2 138°35.6825" E | 30°38.5109" S |
| 9:51:27 AM 11/21/2006 | 69 | 2 138°35.6825" E | 30°38.5109" S |
| 9:51:28 AM 11/21/2006 | 67 | 2 138°35.6825" E | 30°38.5111" S |
| 9:51:33 AM 11/21/2006 | 77 | 2 138°35.6817" E | 30°38.5111" S |
| 9:51:36 AM 11/21/2006 | 65 | 2 138°35.6817" E | 30°38.5112" S |
| 9:51:38 AM 11/21/2006 | 64 | 2 138°35.6817" E | 30°38.5112" S |
| 9:51:40 AM 11/21/2006 | 76 | 2 138°35.6817" E | 30°38.5112" S |
| 9:51:43 AM 11/21/2006 | 74 | 2 138°35.6814" E | 30°38.5116" S |
| 9:51:44 AM 11/21/2006 | 67 | 2 138°35.6814" E | 30°38.5116" S |
| 9:51:47 AM 11/21/2006 | 71 | 2 138°35.6814" E | 30°38.5116" S |
| 9:51:48 AM 11/21/2006 | 63 | 2 138°35.6813" E | 30°38.5116" S |
| 9:51:50 AM 11/21/2006 | 66 | 2 138°35.6813" E | 30°38.5116" S |
| 9:51:53 AM 11/21/2006 | 60 | 2 138°35.6808" E | 30°38.5119" S |
| 9:51:55 AM 11/21/2006 | 70 | 2 138°35.6810" E | 30°38.5119" S |
| 9:51:58 AM 11/21/2006 | 68 | 2 138°35.6813" E | 30°38.5120" S |
| 9:52:01 AM 11/21/2006 | 63 | 2 138°35.6813" E | 30°38.5120" S |
| 9:52:03 AM 11/21/2006 | 54 | 2 138°35.6813" E | 30°38.5115" S |
| 9:52:05 AM 11/21/2006 | 74 | 2 138°35.6813" E | 30°38.5115" S |
| 9:52:07 AM 11/21/2006 | 71 | 2 138°35.6828" E | 30°38.5102" S |
| 9:52:09 AM 11/21/2006 | 63 | 2 138°35.6835" E | 30°38.5096" S |
| 9:52:12 AM 11/21/2006 | 68 | 2 138°35.6835" E | 30°38.5096" S |
| 9:52:14 AM 11/21/2006 | 73 | 2 138°35.6831" E | 30°38.5096" S |
| 9:52:16 AM 11/21/2006 | 79 | 2 138°35.6831" E | 30°38.5096" S |
| 9:52:18 AM 11/21/2006 | 76 | 2 138°35.6830" E | 30°38.5101" S |
| 9:52:22 AM 11/21/2006 | 68 | 2 138°35.6831" E | 30°38.5108" S |
| 9:52:24 AM 11/21/2006 | 74 | 2 138°35.6831" E | 30°38.5108" S |
| 9:52:28 AM 11/21/2006 | 77 | 2 138°35.6834" E | 30°38.5107" S |
| 9:52:30 AM 11/21/2006 | 75 | 2 138°35.6834" E | 30°38.5107" S |
| 9:52:32 AM 11/21/2006 | 57 | 2 138°35.6837" E | 30°38.5105" S |
| 9:52:35 AM 11/21/2006 | 64 | 2 138°35.6838" E | 30°38.5104" S |
| 9:52:40 AM 11/21/2006 | 65 | 2 138°35.6837" E | 30°38.5103" S |
| 9:52:43 AM 11/21/2006 | 80 | 2 138°35.6837" E | 30°38.5104" S |
| 9:52:46 AM 11/21/2006 | 65 | 2 138°35.6837" E | 30°38.5104" S |
| 9:52:48 AM 11/21/2006 | 73 | 2 138°35.6837" E | 30°38.5104" S |
| 9:52:52 AM 11/21/2006 | 71 | 2 138°35.6830" E | 30°38.5119" S |
| 9:52:55 AM 11/21/2006 | 81 | 2 138°35.6830" E | 30°38.5119" S |
| 9:53:03 AM 11/21/2006 | 71 | 2 138°35.6825" E | 30°38.5114" S |
| 9:53:06 AM 11/21/2006 | 77 | 2 138°35.6825" E | 30°38.5114" S |
| 9:53:08 AM 11/21/2006 | 64 | 2 138°35.6828" E | 30°38.5111" S |
| 9:53:12 AM 11/21/2006 | 63 | 2 138°35.6832" E | 30°38.5109" S |
| 9:53:16 AM 11/21/2006 | 62 | 2 138°35.6828" E | 30°38.5109" S |
| 9:53:18 AM 11/21/2006 | 71 | 2 138°35.6828" E | 30°38.5109" S |
| 9:53:20 AM 11/21/2006 | 82 | 2 138°35.6828" E | 30°38.5109" S |
| 9:53:27 AM 11/21/2006 | 69 | 2 138°35.6794" E | 30°38.5110" S |
| 9:53:30 AM 11/21/2006 | 71 | 2 138°35.6794" E | 30°38.5110" S |
| 9:53:38 AM 11/21/2006 | 90 | 2 138°35.6812" E | 30°38.5115" S |
| 9:53:40 AM 11/21/2006 | 75 | 2 138°35.6812" E | 30°38.5115" S |
| 9:53:43 AM 11/21/2006 | 72 | 2 138°35.6812" E | 30°38.5112" S |
| 9:53:45 AM 11/21/2006 | 70 | 2 138°35.6812" E | 30°38.5112" S |



**FLINDERS RANGES PROJECT ATR 2006**  
**APPENDIX 5**

|                       |    |                  |               |
|-----------------------|----|------------------|---------------|
| 9:53:47 AM 11/21/2006 | 70 | 2 138°35.6812" E | 30°38.5112" S |
| 9:53:49 AM 11/21/2006 | 69 | 2 138°35.6812" E | 30°38.5112" S |
| 9:53:53 AM 11/21/2006 | 62 | 2 138°35.6800" E | 30°38.5084" S |
| 9:53:56 AM 11/21/2006 | 72 | 2 138°35.6800" E | 30°38.5080" S |
| 9:53:58 AM 11/21/2006 | 69 | 2 138°35.6797" E | 30°38.5072" S |
| 9:53:59 AM 11/21/2006 | 74 | 2 138°35.6794" E | 30°38.5054" S |
| 9:54:02 AM 11/21/2006 | 71 | 2 138°35.6791" E | 30°38.5043" S |
| 9:54:04 AM 11/21/2006 | 74 | 2 138°35.6788" E | 30°38.5028" S |
| 9:54:07 AM 11/21/2006 | 64 | 2 138°35.6784" E | 30°38.5018" S |
| 9:54:09 AM 11/21/2006 | 62 | 2 138°35.6781" E | 30°38.5011" S |
| 9:54:11 AM 11/21/2006 | 55 | 2 138°35.6781" E | 30°38.5011" S |
| 9:54:13 AM 11/21/2006 | 70 | 2 138°35.6771" E | 30°38.4993" S |
| 9:54:16 AM 11/21/2006 | 60 | 2 138°35.6765" E | 30°38.4972" S |
| 9:54:18 AM 11/21/2006 | 77 | 2 138°35.6758" E | 30°38.4960" S |
| 9:54:21 AM 11/21/2006 | 71 | 2 138°35.6755" E | 30°38.4955" S |
| 9:54:23 AM 11/21/2006 | 56 | 2 138°35.6747" E | 30°38.4939" S |
| 9:54:26 AM 11/21/2006 | 71 | 2 138°35.6746" E | 30°38.4929" S |
| 9:54:27 AM 11/21/2006 | 70 | 2 138°35.6746" E | 30°38.4918" S |
| 9:54:31 AM 11/21/2006 | 66 | 2 138°35.6747" E | 30°38.4909" S |
| 9:54:33 AM 11/21/2006 | 73 | 2 138°35.6748" E | 30°38.4896" S |
| 9:54:35 AM 11/21/2006 | 73 | 2 138°35.6743" E | 30°38.4886" S |
| 9:54:37 AM 11/21/2006 | 63 | 2 138°35.6743" E | 30°38.4886" S |
| 9:54:38 AM 11/21/2006 | 71 | 2 138°35.6734" E | 30°38.4870" S |
| 9:54:41 AM 11/21/2006 | 71 | 2 138°35.6728" E | 30°38.4862" S |
| 9:54:43 AM 11/21/2006 | 64 | 2 138°35.6728" E | 30°38.4862" S |
| 9:54:44 AM 11/21/2006 | 71 | 2 138°35.6722" E | 30°38.4849" S |
| 9:54:47 AM 11/21/2006 | 70 | 2 138°35.6715" E | 30°38.4832" S |
| 9:54:49 AM 11/21/2006 | 79 | 2 138°35.6715" E | 30°38.4832" S |
| 9:54:51 AM 11/21/2006 | 64 | 2 138°35.6715" E | 30°38.4832" S |
| 9:54:53 AM 11/21/2006 | 64 | 2 138°35.6713" E | 30°38.4813" S |
| 9:54:56 AM 11/21/2006 | 59 | 2 138°35.6713" E | 30°38.4813" S |
| 9:54:58 AM 11/21/2006 | 60 | 2 138°35.6706" E | 30°38.4790" S |
| 9:55:01 AM 11/21/2006 | 65 | 2 138°35.6706" E | 30°38.4790" S |
| 9:55:02 AM 11/21/2006 | 70 | 2 138°35.6706" E | 30°38.4790" S |
| 9:55:04 AM 11/21/2006 | 78 | 2 138°35.6701" E | 30°38.4767" S |
| 9:55:07 AM 11/21/2006 | 63 | 2 138°35.6701" E | 30°38.4767" S |
| 9:55:08 AM 11/21/2006 | 70 | 2 138°35.6693" E | 30°38.4750" S |
| 9:55:12 AM 11/21/2006 | 72 | 2 138°35.6689" E | 30°38.4736" S |
| 9:55:14 AM 11/21/2006 | 69 | 2 138°35.6689" E | 30°38.4736" S |
| 9:55:16 AM 11/21/2006 | 72 | 2 138°35.6689" E | 30°38.4736" S |
| 9:55:18 AM 11/21/2006 | 61 | 2 138°35.6684" E | 30°38.4711" S |
| 9:55:23 AM 11/21/2006 | 68 | 2 138°35.6677" E | 30°38.4694" S |
| 9:55:25 AM 11/21/2006 | 65 | 2 138°35.6677" E | 30°38.4694" S |
| 9:55:27 AM 11/21/2006 | 58 | 2 138°35.6676" E | 30°38.4683" S |
| 9:55:29 AM 11/21/2006 | 60 | 2 138°35.6676" E | 30°38.4683" S |
| 9:55:32 AM 11/21/2006 | 76 | 2 138°35.6676" E | 30°38.4673" S |
| 9:55:33 AM 11/21/2006 | 68 | 2 138°35.6675" E | 30°38.4665" S |
| 9:55:38 AM 11/21/2006 | 75 | 2 138°35.6675" E | 30°38.4641" S |
| 9:55:40 AM 11/21/2006 | 61 | 2 138°35.6675" E | 30°38.4641" S |
| 9:55:44 AM 11/21/2006 | 65 | 2 138°35.6675" E | 30°38.4624" S |
| 9:55:46 AM 11/21/2006 | 70 | 2 138°35.6675" E | 30°38.4624" S |
| 9:55:48 AM 11/21/2006 | 62 | 2 138°35.6671" E | 30°38.4605" S |
| 9:55:50 AM 11/21/2006 | 67 | 2 138°35.6671" E | 30°38.4605" S |
| 9:55:52 AM 11/21/2006 | 67 | 2 138°35.6669" E | 30°38.4596" S |
| 9:55:54 AM 11/21/2006 | 72 | 2 138°35.6666" E | 30°38.4587" S |
| 9:55:57 AM 11/21/2006 | 58 | 2 138°35.6662" E | 30°38.4578" S |
| 9:56:02 AM 11/21/2006 | 62 | 2 138°35.6656" E | 30°38.4551" S |
| 9:56:04 AM 11/21/2006 | 65 | 2 138°35.6656" E | 30°38.4551" S |
| 9:56:07 AM 11/21/2006 | 62 | 2 138°35.6657" E | 30°38.4520" S |
| 9:56:09 AM 11/21/2006 | 63 | 2 138°35.6657" E | 30°38.4520" S |
| 9:56:11 AM 11/21/2006 | 74 | 2 138°35.6657" E | 30°38.4520" S |
| 9:56:14 AM 11/21/2006 | 67 | 2 138°35.6662" E | 30°38.4511" S |
| 9:56:18 AM 11/21/2006 | 64 | 2 138°35.6665" E | 30°38.4508" S |
| 9:56:23 AM 11/21/2006 | 72 | 2 138°35.6666" E | 30°38.4508" S |
| 9:56:24 AM 11/21/2006 | 61 | 2 138°35.6666" E | 30°38.4508" S |
| 9:56:26 AM 11/21/2006 | 70 | 2 138°35.6666" E | 30°38.4505" S |
| 9:56:28 AM 11/21/2006 | 70 | 2 138°35.6665" E | 30°38.4504" S |
| 9:56:30 AM 11/21/2006 | 61 | 2 138°35.6665" E | 30°38.4504" S |
| 9:56:32 AM 11/21/2006 | 64 | 2 138°35.6664" E | 30°38.4509" S |
| 9:56:34 AM 11/21/2006 | 58 | 2 138°35.6661" E | 30°38.4509" S |
| 9:56:37 AM 11/21/2006 | 66 | 2 138°35.6661" E | 30°38.4509" S |
| 9:56:40 AM 11/21/2006 | 65 | 2 138°35.6655" E | 30°38.4506" S |
| 9:56:43 AM 11/21/2006 | 64 | 2 138°35.6657" E | 30°38.4503" S |
| 9:56:46 AM 11/21/2006 | 67 | 2 138°35.6657" E | 30°38.4503" S |
| 9:56:48 AM 11/21/2006 | 68 | 2 138°35.6657" E | 30°38.4503" S |
| 9:56:51 AM 11/21/2006 | 51 | 2 138°35.6652" E | 30°38.4509" S |
| 9:56:53 AM 11/21/2006 | 65 | 2 138°35.6652" E | 30°38.4509" S |
| 9:56:55 AM 11/21/2006 | 59 | 2 138°35.6652" E | 30°38.4509" S |
| 9:56:57 AM 11/21/2006 | 55 | 2 138°35.6652" E | 30°38.4509" S |
| 9:57:12 AM 11/21/2006 | 66 | 2 138°35.6687" E | 30°38.4475" S |
| 9:57:15 AM 11/21/2006 | 61 | 2 138°35.6687" E | 30°38.4475" S |
| 9:57:17 AM 11/21/2006 | 62 | 2 138°35.6695" E | 30°38.4481" S |
| 9:57:19 AM 11/21/2006 | 64 | 2 138°35.6695" E | 30°38.4481" S |
| 9:57:21 AM 11/21/2006 | 73 | 2 138°35.6695" E | 30°38.4481" S |
| 9:57:23 AM 11/21/2006 | 72 | 2 138°35.6695" E | 30°38.4481" S |
| 9:57:26 AM 11/21/2006 | 74 | 2 138°35.6695" E | 30°38.4489" S |
| 9:57:28 AM 11/21/2006 | 65 | 2 138°35.6695" E | 30°38.4489" S |

# FLINDERS RANGES PROJECT ATR 2006

## APPENDIX 5

|                       |    |                  |               |
|-----------------------|----|------------------|---------------|
| 9:57:30 AM 11/21/2006 | 63 | 2 138°35.6695" E | 30°38.4489" S |
| 9:57:35 AM 11/21/2006 | 66 | 2 138°35.6700" E | 30°38.4473" S |
| 9:57:37 AM 11/21/2006 | 60 | 2 138°35.6700" E | 30°38.4473" S |
| 9:57:39 AM 11/21/2006 | 79 | 2 138°35.6700" E | 30°38.4473" S |
| 9:57:43 AM 11/21/2006 | 72 | 2 138°35.6745" E | 30°38.4445" S |
| 9:57:46 AM 11/21/2006 | 74 | 2 138°35.6754" E | 30°38.4447" S |
| 9:57:48 AM 11/21/2006 | 66 | 2 138°35.6754" E | 30°38.4447" S |
| 9:57:50 AM 11/21/2006 | 61 | 2 138°35.6754" E | 30°38.4447" S |
| 9:57:52 AM 11/21/2006 | 67 | 2 138°35.6757" E | 30°38.4455" S |
| 9:57:57 AM 11/21/2006 | 55 | 2 138°35.6756" E | 30°38.4460" S |
| 9:58:00 AM 11/21/2006 | 69 | 2 138°35.6741" E | 30°38.4472" S |
| 9:58:02 AM 11/21/2006 | 61 | 2 138°35.6716" E | 30°38.4490" S |
| 9:58:05 AM 11/21/2006 | 66 | 2 138°35.6705" E | 30°38.4497" S |
| 9:58:07 AM 11/21/2006 | 68 | 2 138°35.6698" E | 30°38.4501" S |
| 9:58:09 AM 11/21/2006 | 63 | 2 138°35.6698" E | 30°38.4496" S |
| 9:58:12 AM 11/21/2006 | 71 | 2 138°35.6697" E | 30°38.4489" S |
| 9:58:16 AM 11/21/2006 | 70 | 2 138°35.6695" E | 30°38.4492" S |
| 9:58:17 AM 11/21/2006 | 64 | 2 138°35.6695" E | 30°38.4497" S |
| 9:58:19 AM 11/21/2006 | 52 | 2 138°35.6695" E | 30°38.4497" S |
| 9:58:23 AM 11/21/2006 | 64 | 2 138°35.6695" E | 30°38.4497" S |
| 9:58:42 AM 11/21/2006 | 57 | 2 138°35.6696" E | 30°38.4495" S |

Notes





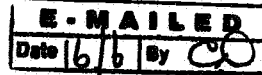






**MEGA**

HINDMARSH PTY LTD



16 June 2008

Records Officer  
Mineral Tenements  
PIRSA  
GPO Box 1671  
Adelaide SA 5001

By email: [pirsa.tenements@saugov.sa.gov.au](mailto:pirsa.tenements@saugov.sa.gov.au)

Dear Sir/Madam

**Re: EL 3349 – Mt McCallum**

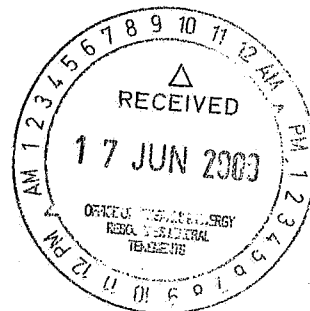
We refer to the above and your correspondence of 3 June 2008, and hereby enclose the Final EL Summary and Expenditure Report for the 6 month period ending 22/5/08.

As there has been no field work undertaken in the Mount McCallum area since the last combined Technical Report (Flinders Ranges Project), for the period ended 31 December 2006, we ask that you take this to be the Final Technical Report.

Should you have any queries, please do not hesitate to contact me.

Yours sincerely

**Christine Denton**  
Office & Tenement Manager



MERFF

C2008/02721



**The Uranium Leader™**



1 April 2008

Records Officer  
Mineral Tenements  
PIRSA  
GPO Box 1671  
Adelaide SA 5001

By email: [pirsa.tenements@sa.gov.au](mailto:pirsa.tenements@sa.gov.au)

Dear Sir/Madam

Re: Final Summary Report – EL 3427 Mount Morris

We refer to the above and Sue Watson's correspondence of 13 December 2008, and we note that this EL has now expired.

We therefore enclose the Final Summary Report for the period ended 19 October 2007.

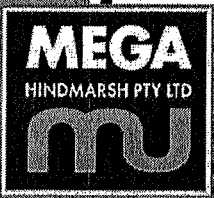
There has been no field work undertaken in the Mount Morris area since the last combined Technical Report (Flinders Ranges Project), for the period ended 31 December 2006, and we therefore ask that you take this to be the Final Technical Report.

Should you have any queries, please do not hesitate to contact me.

Yours sincerely

Christine Denton  
Office & Tenement Manager

The Uranium Leader™



1 April 2008

Records Officer  
Mineral Tenements  
PIRSA  
GPO Box 1671  
Adelaide SA 5001

By email: [pirsa.tenements@saugov.sa.gov.au](mailto:pirsa.tenements@saugov.sa.gov.au)

Dear Sir/Madam

Re: Final Summary Report – EL 3469 Mount Roebuck

We refer to the above and note that this EL has now expired. In accordance with Sue Watson's correspondence of 7 February 2008, requesting outstanding items, we hereby enclose the Final Summary Report for the period ended 4 December 2007.

There has been no field work undertaken in the Mount Roebuck area since the last combined Technical Report (Flinders Ranges Project), for the period ended 31 December 2006, and we therefore ask that you take this to be the Final Technical Report.

Should you have any queries, please do not hesitate to contact me.

Yours sincerely

Christine Denton  
Office & Tenement Manager

The Uranium Leader™