EXPLORATION LICENCE 9358
DELTA
THIRD ANNUAL REPORT
13 May 1998 - 12 May 1999

LICENSEES:
GIANTS REEF MINING N.L.
A.C.N. 058 436 794

AUTHOR:
P G SIMPSON BSc.Hons., FAusIMM
June, 1999
SUMMARY

Exploration Licence 9358 Delta was granted to Delta Gold Exploration Pty Ltd on 13 May 1996 for 6 years. The Licence was transferred to Giants Reef Mining N.L. on 13 March 1997.

This report covers the work done on the Licence in its third year of tenure.

Targets are gold and copper orebodies, associated with ironstone masses and/or shear zone structures.

The Licence covers part of the highly prospective Eldorado-Juno-Nobles Nob trend. Limited basement outcrops include meta-sedimentary Palaeoproterozoic Warramunga Formation and porphyritic felsic volcaniclastic rocks of the Yungkulungu Formation (Flynn Sub-group). There are a number of ironstone outcrops and magnetic anomalies which have been targeted and partially explored by previous companies.

Work in the third year consisted of data integration, a detailed aeromagnetic survey, a geophysical data audit, the modelling of several aeromagnetic anomalies and rock chip sampling. Several of the modelled magnetic sources appear as future drill targets.
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GIANTS REEF MINING N.L.
FIGURES

1. Location and Surrounding Tenements
2. Licence Area
3. Exploration Activity Locations

APPENDICES

1. 2 disks - Airborne Magnetics and Radiometrics
2. Geophysical Report
3. Rock Sample Assays
1. INTRODUCTION

EL 9358 was purchased by Giants Reef Mining N.L. from Delta Gold Exploration Pty Ltd in November 1996 and title was registered to Giants Reef in March 1997.

This report records the exploration work done by Giants Reef on EL 9358 during the third year of tenure from 13 May 1998 to 12 May 1999.

2. LOCATION

EL 9358 Delta is centred approximately 22 kilometres east-southeast of Tennant Creek. It is located on the Tennant Creek 1:100 000 scale map sheet.

Access is along the Gosse River road which runs east-west through the middle of the Licence but access is limited during rainy periods.

Figure 1 shows the EL and surrounding tenements.

3. TENURE

EL 9358, covering 8 blocks, was granted to Delta Gold Exploration Pty Ltd on 13 May 1996 for a period of 6 years. After Delta ceased exploring in the Tennant Creek field in mid 1996, the Licence was purchased by Giants Reef Mining N.L. with transfer of title being registered on 13 March 1997.

The Licence is on NT Portion 1075, within Perpetual Pastoral Lease 1142, Tennant Creek Station.

Figure 2 shows the Licence area held in Year 3.

4. GEOLOGY

The regional geology of the Tennant Creek field has been detailed in many publications and will not be repeated here. Papers contained in AusIMM Monograph 14 (Geology of the Mineral Deposits of Australia and Papua New Guinea), Volume 1, pp 829-861 would give the reader a good introduction to the regional geology and styles of gold-copper mineralisation of the area. In 1996 the Northern Territory Geological Survey released a geological map and explanatory notes on the Tennant Creek 1:100 000 sheet.

Metasediments of the Palaeoproterozoic Warramunga Formation and porphyritic felsic volcanioclastic rocks of the Yungkulungu Formation (Flynn Sub-group) underlie the Licence, although basement exposure is limited.

The area lies across the easterly extension of the Eldorado-Juno-Nobles Nob trend of mines and mineral occurrences. The above mines are all to the west of EL 9358. To the east of the Licence, on the same trend, are the New Hope, The Plum and Desert Hope gold occurrences.
5. Work done during the year

Following the introduction of a GIS system in mid 1998, and as part of a general re-assessment of work carried out by Giants Reef in the Tennant Creek field, an audit of all available geophysical data was made by F. Lindeman of Lindeman Geophysics Pty Ltd of Melbourne, Victoria. In the case of EL 9358 this resulted in a decision to defer drilling until a more detailed assessment and target identification was carried out by consultants. This was done in conjunction with the results of an aeromagnetic and radiometric survey carried out by Normandy which included EL 9358 and other tenements held by Giants Reef.

5.1 Data integration

During the year being reported, Giants Reef has put a very large amount of effort and expense into the production of a regional GIS database in ArcView 3.0a format.

The system includes data currently available for the Tennant Creek goldfield from a variety of sources. These include public domain data, proprietary information obtained from joint venture companies, and data generated in-house from Giants Reef's own exploration in the region. Information layers include satellite imagery, Giants Reef's tenement boundaries and categories, regional geology, an extensive regional gravity compilation, integrated aeromagnetic surveys, locations of mines and their production records and locations of known gold and copper occurrences throughout the field.

The system is being used as the basis for a regional review and prospectivity evaluation of all the Company's tenements and as an exploration tool for the selection of future drill targets.

Future work will concentrate on including data more specific to the Company's tenements and prospects, such as local geological maps, geochemical surveys and drillhole data. The detailed GIS database is used for assessing exploration potential and planning work programmes.

5.2 Aeromagnetic survey

A detailed aeromagnetic and radiometric survey was flown over EL 9358 late in 1998, by Kevron Geophysics Pty Ltd on behalf of Normandy Gold Pty Ltd. The survey covered a large east-west strip over the southern part of the Tennant Creek goldfield. Normandy presented Giants Reef with copies of the data collected over Giants Reef's tenements.

Key parameters of the survey were as follows:

| Flight line direction: | north-south |
| Flight line spacing:   | 50 metres   |
| Sensor height:         | 40 metres above ground surface |
| In-line sampling intervals: | 7 metres for magnetics 140 metres for radiometrics |

A disk of that part of the survey covering EL 9358, as supplied to Giants Reef by Normandy, is included with this report as Appendix 1.

5.3 Magnetic modelling and target identification

Consultant Geophysicist Dr Doug Barrett, of Barrett Geophysical Exploration Consultants Pty Ltd, Perth, WA, was engaged to make an assessment of the Kevron airborne magnetics data over EL 9358.

A software problem resulted in every second magnetic reading being absent from the data as initially supplied. This was later rectified but not before the modelling described here was completed.
Dr Barrett studied six magnetic features within EL 9358. Most of these are known prospects where
Giants Reef or other companies have carried out various exploration work in the past. These are
called Anomaly A, Explorer 199, Big Heart, Desert Gold, Baloo East, and TC1 Anomaly 7.

The locations of these targets are shown on Figure 3.

Appendix 1 contains two disks of the magnetic and radiometric data from the Normandy airborne
survey over EL 9358, as presented to Giants Reef.

Appendix 2 contains extracts from the Barrett Geophysical Exploration Consultants report, including
plan and section views of the various magnetic models.

5.3.1 Anomaly A
This anomaly is centred about 1.3 kilometres east of Explorer 199, near the southern boundary
of the Licence. No records of previous exploration have been found for this location. The
interpretation suggests a small near-surface body, underlain by a much larger and much deeper
source.

AMG locations: 437483E 7818088N (upper body)
                437449E 7818035N (deeper body)

5.3.2 Explorer 199
This dipolar magnetic anomaly has been drilled in the past by Geopeko (one diamond hole) and
Posgold (two RC holes). No ironstone was intersected, but dolerite was noted in the old RC drill
sample bags, and this may contribute to the anomaly.

The aeromagnetic data recently acquired from Normandy does not fully cover the anomaly,
which lies on the south boundary of EL 9358. The results of the modelling suggest that the
source body may in fact lie at least partly outside the EL. The southern boundary of the EL, on
19° 44'N, approximates to AMG 7817900N in this area.

AMG locations: 436182E 7817919N (model 1)
                436177E 7817845N (model 2: with remanence)

5.3.3 Big Heart
This prospect features an outcropping ironstone body which was drilled by Giants Reef in 1997,
without much encouragement. Dr Barrett's interpretation indicates that the magnetic anomaly
here is caused mainly by a substantial east-west body at depth, with a shallow ellipsoidal body
(presumably the surface ironstone) contributing a lesser component to the overall anomaly.

AMG locations: 435000E 7819106N (upper ellipsoidal body)
                435000E 7818939N (elongate dyke-like body)

5.3.4 Desert Gold
Like Big Heart, this prospect also has an outcropping ironstone body which was drilled by Giants
Reef in 1997. The geophysical setting is seen as generally similar to Big Heart, with a shallow
ellipsoidal body contributing little to the overall anomaly, which is largely caused by two larger,
deeper sources.

AMG locations: 436769E 7819281N (near-surface body)
                436472E 7819003N (deeper body)
                436920E 7819207N (even deeper source)
5.3.5 Baloo East
This prospect was explored by North Flinders Mines Ltd and Roebuck Resources N L, under EL 8173. Two old diamond drillholes were noted, which were probably drilled by ADL, some years earlier. The prospect area shows a south-dipping east-west contact between a porphyry body on the south and Warramunga Formation sediments on the north. The porphyry body extends for many kilometres east and west of the prospect. Vacuum drilling by North Flinders found some mild geochemical encouragement in chloritised porphyry, with assays of 113 ppm Cu and 13 ppm Bi. Some ironstone scatter was observed at the surface, but no ironstone outcrop has been found.

Magnetically the area shows an east-west trend of magnetic highs, with another separate anomaly to the south. There are five anomalies of interest in the group, all similar to each other. The body selected for modelling is representative of the anomalies along the trend.

AMG location: 437345E 7820150N

5.3.6 TC1 Anomaly 7
This anomaly was modelled as possibly being derived either from a single ellipsoidal body, or from two separate ellipsoidal bodies. It lies in an area of Flynn Sub-group rocks.

AMG locations: 439523E 7820666N (single ellipsoidal body)
439530E 7820516N (south body of paired sources)
439588E 7820815N (north body of paired sources)

5.4 Rock chip sampling
Two reconnaissance rock samples were collected from Flynn Sub-group outcrops in the northeast part of the EL:

<table>
<thead>
<tr>
<th>Sample</th>
<th>Description</th>
<th>Au g/t</th>
<th>Cu ppm</th>
<th>Bi ppm</th>
<th>Fe %</th>
</tr>
</thead>
<tbody>
<tr>
<td>59391</td>
<td>Chunk of fractured heavy black haematite-quartz vein</td>
<td>0.01</td>
<td>40</td>
<td>&lt;10</td>
<td>57.4</td>
</tr>
<tr>
<td>59392</td>
<td>Sheared &amp; fractured siltstone with black haem in cracks, &amp; few qtz veins</td>
<td>&lt;0.01</td>
<td>32</td>
<td>10</td>
<td>22.7</td>
</tr>
</tbody>
</table>

The locations are shown on Figure 3. Full assay results are in Appendix 3.

6. REHABILITATION
None of the work done during the year required any rehabilitation measures.

7. CONCLUSIONS
The magnetic modelling has produced a number of targets which should be drilled in the next year. While some further assessment of these prospects will be necessary before drilling commences, the target at Baloo East is currently given the highest priority.

Anomaly A requires ground reconnaissance and surface sampling before a decision to drill is made.

The Explorer 199 modelled source needs an Open File data search to establish whether the drilling by ADL and Posgold has significantly down-graded the target or not.
Finding deeper mineralised bodies at Big Heart and Desert Gold remains a distinct possibility, despite the results of Giants Reef's shallow drilling in the previous year.

8. EXPENDITURE

The minimum expenditure covenant for the third year of tenure was $30,000. Actual expenditure was as follows:

<table>
<thead>
<tr>
<th></th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
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<tbody>
<tr>
<td>Geology</td>
<td>10,230</td>
<td>9,056</td>
<td>2,965</td>
</tr>
<tr>
<td>Geophysics</td>
<td>3,408</td>
<td>0</td>
<td>2,533</td>
</tr>
<tr>
<td>Geochemistry</td>
<td>788</td>
<td>0</td>
<td>346</td>
</tr>
<tr>
<td>Surveying</td>
<td>2,869</td>
<td>387</td>
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<tr>
<td>Data Integration</td>
<td>0</td>
<td>0</td>
<td>1,990</td>
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<tr>
<td>Analytical</td>
<td>1,252</td>
<td>6,050</td>
<td>1,894</td>
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<tr>
<td>Drilling</td>
<td>0</td>
<td>13,161</td>
<td>1,330</td>
</tr>
<tr>
<td>Administration and Overheads</td>
<td>365</td>
<td>1,886</td>
<td>2,880</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$18,912</strong></td>
<td><strong>$30,540</strong></td>
<td><strong>$13,938</strong></td>
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</tbody>
</table>

The drilling planned for year 3 was deferred until a review of geophysical data had been carried out. This resulted in a shortfall of the proposed expenditure for the year.

9. PROPOSED PROGRAMME AND EXPENDITURE FOR NEXT YEAR

<table>
<thead>
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<tbody>
<tr>
<td>Geology</td>
<td>1,000</td>
</tr>
<tr>
<td>..........................</td>
<td></td>
</tr>
<tr>
<td>reconnaissance, mapping of selected areas</td>
<td></td>
</tr>
<tr>
<td>Geophysics</td>
<td>2,000</td>
</tr>
<tr>
<td>..........................</td>
<td></td>
</tr>
<tr>
<td>Consultant's re-appraisal of accumulated data</td>
<td></td>
</tr>
<tr>
<td>Geochemistry</td>
<td>1,000</td>
</tr>
<tr>
<td>..........................</td>
<td></td>
</tr>
<tr>
<td>soil and rock chip sampling</td>
<td></td>
</tr>
<tr>
<td>Surveying</td>
<td>2,000</td>
</tr>
<tr>
<td>..........................</td>
<td></td>
</tr>
<tr>
<td>gridding</td>
<td></td>
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<tr>
<td>Analytical</td>
<td>2,000</td>
</tr>
<tr>
<td>..........................</td>
<td></td>
</tr>
<tr>
<td>analysis of soil, rock and drill samples</td>
<td></td>
</tr>
<tr>
<td>Drilling</td>
<td>6,000</td>
</tr>
<tr>
<td>..........................</td>
<td></td>
</tr>
<tr>
<td>open hole or RC percussion</td>
<td></td>
</tr>
<tr>
<td>Rehabilitation</td>
<td>2,000</td>
</tr>
<tr>
<td>..........................</td>
<td></td>
</tr>
<tr>
<td>Administration and Overheads</td>
<td>3,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$19,000</strong></td>
</tr>
</tbody>
</table>

Exploration programmes can be affected by results, and while this is the proposed programme and expenditure, specific activities may vary according to the results achieved.

P G Simpson
*Exploration Manager*

GIANTS REEF MINING N.L.
GIANTS REEF MINING N.L.
TENNANT CREEK NORTHERN TERRITORY

<table>
<thead>
<tr>
<th>AREA</th>
<th>EL 9358 - DELTA</th>
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<tbody>
<tr>
<td>MAP REF.</td>
<td>5758 TENNANT CREEK 1:100 000</td>
</tr>
<tr>
<td>SUBJECT</td>
<td>Location and Surrounding Tenements Extract DME MINING TENURE 52/5</td>
</tr>
<tr>
<td>DATE</td>
<td>MAY 1999</td>
</tr>
<tr>
<td>AUTHOR</td>
<td>1:100 000</td>
</tr>
<tr>
<td>SCALE</td>
<td>FIGURE 1</td>
</tr>
</tbody>
</table>
EL9358
8 BLOCKS
26 sq kms
**APPENDIX 1**

**2 x DISKS**

**AEROMAG SURVEY, OCTOBER 1998**

Data as received from
Normandy Tennant Creek Pty Ltd

<table>
<thead>
<tr>
<th>Disk</th>
<th>Radiometrics</th>
<th>File Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disk 1</td>
<td>EL9358u.DAT</td>
<td>June 1999</td>
<td></td>
</tr>
<tr>
<td>Disk 2</td>
<td>EL9358.zip (winzip)</td>
<td>June 1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Radiometrics</td>
<td>EL9358tc.DAT</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EL9358th.DAT</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>EL9358k.DAT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

GIANTS REEF MINING N.L.
APPENDIX 2

GEOPHYSICAL REPORT

excerpt Barrett Geophysical Exploration Consultants Pty Ltd Report:

TENNANT CREEK AREA
INTERPRETATION OF NORMANDY AEROMAGNETIC DATE
FLOWN OVER GRM TENEMENTS
D M Barrett PhD AIG
April 1999
TENNANT CREEK AREA
INTERPRETATION OF NORMANDY AEROMAGNETIC DATA
FLOWN OVER GRM TENEMENTS

A Report for Giants Reef Mining NL

by

D. M. Barrett PhD AIG
Consulting Geophysicist

April 1999
INTRODUCTION

This report concerns an interpretation of aeromagnetic data acquired by Normandy Poseidon in the Tennant Creek area, Northern Territory. Normandy released located data from their survey to GRM where it covered ground held by the latter. At the request of Mr Nick Byrne of GRM, a geophysical interpretation was carried out on the released aeromagnetic data to look for possible ironstone bodies.

Processing of the Aeromagnetic Data

The survey was flown along NS flight lines with a flight line spacing of 50 metres. The quality of the data should therefore be higher than any airborne data previously available to GRM. While this may be true, the digital data as received only recorded measurements of the Total Magnetic Intensity (TMI) at intervals of about 14 metres along the flight lines. For normal fixed wing surveys the sample interval is more like 7 metres. There was also no information regarding the aircraft height. In all the models, the interpreted depths are therefore the depths below the sensor on the aircraft, not the depths below ground level. Assuming that the flying height was 40 metres, this height should be subtracted from all the depths appearing in the magnetic models to arrive at the depths of the interpreted bodies below surface.

The located data were read into Geosoft software and a line gridding routine was used to produce grids in ER-Mapper format. A grid cell size of 10 metres was used for the gridding. From these grids, the first vertical derivative and analytic signal of the TMI was computed.

The properties covered by the Normandy surveys together comprise a substantial area of ground and a considerable number of anomalies were picked as possible ironstone candidates. Most large or very magnetic ironstone bodies have already been identified in the area. The images were studied to attempt to identify less magnetic anomalies or anomalies of smaller areal extent which may nevertheless be viable economic targets.

It was not practical to produce magnetic models of all the anomalies picked. A selection of only the more important anomalies were modelled using the Potent, three-dimensional inversion programme. A large number of anomalies of possible interest have been identified on the large tenement EL9358. Many of these give somewhat greater interpreted depths indicating increased thickness of cover.

Plan and section views of the models may be found in the Appendix. The results of the modelling with brief comments are summarised in Table 1.
DISCUSSION AND CONCLUSIONS

Various images of the Normandy aeromagnetic data covering GRM tenements were studied to identify anomalies which may be caused by ironstone bodies. Selected anomalies were modelled to obtain positional and depth information on the bodies causing the anomalies as well as their inferred magnetic properties.

There is generally good agreement between the positions of bodies interpreted from the magnetic modelling and images of the analytic signal. The peak of the analytic signal should follow the edges of the body rather than its centre though, for bodies whose depth is of the same order or larger than its width, a maximum is produced over the centre of the body. In some instances the projections of the magnetic bodies are located a little to the south of the positions indicated by the analytic signal. The reason for this is not entirely understood at present since I have used the same software on theoretical anomalies and the correlation is excellent. I would recommend using the magnetic model locations in preference to the analytic signal when available.

An attempt has also been made in Table 1 to prioritise the anomalies. This is a difficult exercise and is somewhat subjective. Other geological and drilling information not available to me should of course be used to modify this classification.

Finally, a number of the anomalies model with depths that appear to be too shallow or yield unrealistic parameters. An initial ground check should assist in determining whether some of these may be due to cultural features.

Doug Barrett

April 1999
<table>
<thead>
<tr>
<th>AREA</th>
<th>ANOMALY NAME</th>
<th>AMPLITUDE (nT)</th>
<th>APP. SUSCEP. (SI)</th>
<th>INTERP. DEPTH (m)</th>
<th>INFERRED LATERAL DIMENSIONS OF BODY (m)</th>
<th>PRIORITY</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL0358</td>
<td>A</td>
<td>40</td>
<td>0.011</td>
<td>80</td>
<td>80 x 260</td>
<td>2</td>
<td>Small, isolated anomaly which may reflect an ironstone body. Model requires additional very shallow feature to simulate local anomaly sharpness.</td>
</tr>
<tr>
<td>EXPLOR199 Model 1</td>
<td></td>
<td>100</td>
<td>0.490</td>
<td>290</td>
<td>280 x 60</td>
<td>1</td>
<td>Anomaly only partly covered by survey hence interpretation must be treated with caution. Interpreted body very magnetic and probably an ironstone but lies to the south of the survey limits.</td>
</tr>
<tr>
<td>EXPLOR199 Model 2</td>
<td></td>
<td>100</td>
<td>0.136</td>
<td>250</td>
<td>280 x 190</td>
<td>1</td>
<td>Anomaly only partly covered by survey hence interpretation must be treated with caution. In this alternative interpretation, body was assumed to have remanence. Fit is improved but interpreted body still lies to the south of the survey limits.</td>
</tr>
<tr>
<td>BIG HEART</td>
<td></td>
<td>170</td>
<td>0.004</td>
<td>55</td>
<td>530 x 140</td>
<td>2</td>
<td>Anomaly lies on a curvilinear trend some 4 km long. It can be simulated by a shallow, ellipsoidal body and a deeper, elongate (strata-bound?) body simulated by a dyke-like source which produces the bulk of the anomaly. The ellipsoidal body is only weakly magnetic and, if it is an ironstone, it must be largely hematized. The analytic signal shows complexity in the area.</td>
</tr>
<tr>
<td>DESERT GOLD</td>
<td></td>
<td>100</td>
<td>0.010</td>
<td>70</td>
<td>400 x 55</td>
<td>2</td>
<td>In a similar geophysical setting to Big Heart and requires both shallow and deeper sources to simulate the complex anomaly.</td>
</tr>
<tr>
<td>BALOO E</td>
<td></td>
<td>100</td>
<td>0.029</td>
<td>100</td>
<td>170 x 110</td>
<td>1</td>
<td>Representative anomaly of several lying along a curvilinear trend. The area around Baloo itself is complex and looks interesting since the southern anomaly appears separate from the main trend. There are a five anomalies of potential interest along this trend. The depths of the anomalies appear to be similar and indicate that they may not have visible surface expressions. In this first model, normally and reversely magnetised bodies were used to model the positive and negative anomalies separately. The fit is reasonable but the real situation is obviously more complex. Anomaly is considered of 1st priority as it appears to be distinct from an elongate trend through the area.</td>
</tr>
<tr>
<td>TC1 ANOM 7 Model 1</td>
<td></td>
<td>100</td>
<td>0.012 and 0.005</td>
<td>90</td>
<td>470 x 120 and 220 x 220</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY A
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CONTOURS OF: RESIDUAL FIELD; CONTOUR INTERVALS: 2.0000, 16.000
POTENT V3.10A PLAN DRAWN AT 20:59 23/03/1999 FOR BARRETT GEOPHYS
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY A
PROFILE #2:
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED: CALCULATED:
RESIDUAL: INDIVIDUAL BODY:
POTENT V3.10A PROFILE DRAWN AT 20:52 23/03/1999 FOR BARRETT GEOPH
Observed:                      Calculated:                  Individual body:

POTENT V3.10A  Profile drawn at 20:54  23/03/1999 FOR BARRETT GEOPH
Observations: EL9358 - AEROMAGNETIC ANOMALY A
Profile #4;
Model: MODEL 1: ELLIPSOIDAL BODIES
Calculation mode: TOTAL MAGNETIC INTENSITY
Observed: Calculated: Residual: Individual body:
POTENT v3.10A Profile drawn at 20:55 23/03/1999 for Barrett Geoph
GIANTS REEF MINING N.L.
EL9358
AEROMAGNETIC ANOMALY A
NORMANDY DATA
MODEL 1: ELLIPSOIDAL BODIES

POTENT v3.10A Model Summary Report created at Perth
for Barrett Geophysical Exploration Consultants Pty Ltd

Inducing field -  Intensity = 51000
  Azimuth = 5
  Inclination = -50

Body type abbreviations and the shape parameters have the following significance:
Ellpsd  ELLIPSOID  A, B, C are axes lengths

Model title: MODEL 1: ELLIPSOIDAL BODIES

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<th>Y</th>
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NOTE
Since data on the aircraft height was unavailable, all depths refer to depths below the aircraft sensor and not below ground level.
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY EXPLORER 199
MODEL: MODEL 1: ELLIPSOIDAL BODY
CONTOURS OF: CALCULATED FIELD; CONTOUR INTERVALS: 4.0000, 20.000
POTENT V3.10A PLAN DRAWN AT 21:33 19/03/1999 FOR BARRETT GEOPHYS
OBSERVATIONS: EL9358 · AEROMAGNETIC ANOMALY EXPLORER 199
MODEL: MODEL 1: ELLIPSOIDAL BODY
CONTOURS OF: RESIDUAL FIELD; CONTOUR INTERVALS: 4.0000, 20.000
POTENT v3.10A PLAN DRAWN AT 21:33 19/03/1999 FOR BARRETT GEOPHYSI
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY EXPLORER 199
PROFILE #1;
MODEL: MODEL 1: ELLIPSOIDAL BODY
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED:          CALCULATED:          RESIDUAL:          INDIVIDUAL BODY:

POTENT v3.10A PROFILE DRAWN AT 20:54 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY EXPLORER 199
PROFILE #3;
MODEL: MODEL 1: ELLIPSOIDAL BODY
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: 
RESIDUAL: 
CALCULATED: 
INDIVIDUAL BODY:

POTENT V3.10A  PROFILE DRAWN AT 20:55 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY EXPLORER 199
PROFILE #6;
MODEL: MODEL 1: ELLIPSOIDAL BODY
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: ___________________  CALCULATED: ___________________
RESIDUAL: ___________________  INDIVIDUAL BODY: ___________________

POTENT V3.10A  PROFILE DRAWN AT 21:34 19/03/1999 FOR BARRETT GEOF
GIANTS REEF MINING N.L.
EL9358
AEROMAGNETIC ANOMALY "EXPLORER 199"
NORMANDY DATA
MODEL 1: ELLIPSOIDAL BODY

POTENT v3.10A Model Summary Report created at for Barrett Geophysical Exploration Consultants Pty Ltd

Inducing field - Intensity = 51000
Azimuth = 5
Inclination = -50

Body type abbreviations and the shape parameters have the following significance:
Ellpsd  ELLIPSOID  A, B, C are axes lengths

Model title: MODEL 1: ELLIPSOIDAL BODY

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<th>No.</th>
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<th>Y</th>
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NOTE
Since data on the aircraft height was unavailable, all depths refer to depths below the aircraft sensor and not below ground level.
OBSERVATIONS:  EL9358 - AEROMAGNETIC ANOMALY EXPLORER 199
MODEL: MODEL 2: ELLIPSOIDAL BODY WITH REMANENCE
CONTOURS OF: OBSERVED FIELD;  CONTOUR INTERVALS: 4.0000, 20.000
POTENT v3.10A  PLAN DRAWN AT 21:22  19/03/1999 FOR BARRETT GEOPHYS
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY EXPLORER 199
MODEL: MODEL 2: ELLIPSOIDAL BODY WITH REMANENCE
CONTOURS OF: RESIDUAL FIELD; CONTOUR INTERVALS: 4.0000, 20.000
POTENT V3.10A PLAN DRAWN AT 21:23 19/03/1999 FOR BARRETT GEOPHYS
OBSERVATIONS: EL9368 - AEROMAGNETIC ANOMALY EXPLORER 199
PROFILE #1:
MODEL: MODEL 2: ELLIPSOIDAL BODY WITH REMANENCE
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED: CALCULATED:
RESIDUAL: INDIVIDUAL BODY:
POTENT V3.10A PROFILE DRAWN AT 21:23 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY EXPLORER 199
PROFILE #2:
MODEL: MODEL 2: ELLIPSOIDAL BODY WITH REMANENCE
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: CALCULATED:
RESIDUAL: INDIVIDUAL BODY:

POTENT v3.10A PROFILE DRAWN AT 21:25 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY EXPLORER 199
PROFILE #3:
MODEL: MODEL 2: ELLIPSOIDAL BODY WITH REMANENCE
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED:  
CALCULATED:  
INDIVIDUAL BODY:

POTENT v3.10A PROFILE DRAWN AT 21:25 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY EXPLORER 199
PROFILE #4;
MODEL: MODEL 2: ELLIPSOIDAL BODY WITH REMANENCE
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: 
RESIDUAL: 

CALCULATED: 
INDIVIDUAL BODY: 

POTENT v3.10A PROFILE DRAWN AT 21:27 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY EXPLORER 199
PROFILE #5:
MODEL: MODEL 2: ELLIPSOIDAL BODY WITH REMANENCE
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED:   CALCULATED:   INDIVIDUAL BODY:
RESIDUAL:   

POTENT v3.10A PROFILE DRAWN AT 21:28 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9356 - AEROMAGNETIC ANOMALY EXPLORER 199
PROFILE #: 6
MODEL: MODEL 2: ELLIPSOIDAL BODY WITH REMANENCE
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: ____________ CALCULATED: ____________
RESIDUAL: ____________ INDIVIDUAL BODY: ____________

POTENT v3.10A  PROFILE DRAWN AT 21:28 19/03/1999 FOR BARRETT GEOPH
GIANTS REEF MINING N.L.
EL9358
AEROMAGNETIC ANOMALY "EXPLORER 199"
NORMANDY DATA
MODEL 1: ELLIPSOIDAL BODY WITH REMANENCE

POTENT v3.10A  Model Summary Report created at Perth
for Barrett Geophysical Exploration Consultants Pty Ltd

Inducing field - Intensity = 51000
  Azimuth = 5
  Inclination = -50

Body type abbreviations and the shape parameters have the following significance:
Ellipsd  ELLIPSOID    A, B, C are axes lengths

Model title: MODEL 2: ELLIPSOIDAL BODY WITH REMANENCE

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<th>Dip</th>
<th>Plunge</th>
<th>Susc.</th>
<th>Rem f</th>
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**NOTE**
Since data on the aircraft height was unavailable, all depths refer to depths below the aircraft sensor and not below ground level.
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "BIG HEART"
MODEL: MODEL 1: DYKE-LIKE AND ELLIPSOIDAL BODIES
CONTOURS OF: OBSERVED FIELD; CONTOUR INTERVALS: 5.0000, 40.0000
POTENT V3.10A PLAN DRAWN AT 16:31 19/03/1999 FOR BARRETT GEOPHYS
OBSERVATIONS: EL9356 - AEROMAGNETIC ANOMALY "BIG HEART"
PROFILE #1;
MODEL: MODEL 1: DYKE-LIKE AND ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED: CALCULATED:
RESIDUAL: INDIVIDUAL BODY:
POTENT v3.10A PROFILE DRAWN AT 16:32 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "BIG HEART"
PROFILE #2:
MODEL: MODEL 1: DYKE-LIKE AND ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED: CALculated:
RESIDUAL: INDIVIDUAL BODY:
POTENT v3.10A PROFILE DRAWn AT 16:32 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "BIG HEART"
PROFILE #3:
MODEL: MODEL 1: DYKE-LIKE AND ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: Calculated:
RESIDUAL: INDIVIDUAL BODY:

POTENT V3.10A PROFILE DRAWN AT 16:33 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "BIG HEART"
PROFILE #4;
MODEL: MODEL 1: DYKE-LIKE AND ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: CALCULATED:
RESIDUAL: INDIVIDUAL BODY:

POTENT V3.10A PROFILE DRAWN AT 16:33 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "BIG HEART"
PROFILE #3; ANOMALY DUE TO ELLIPSOIDAL BODY ONLY
MODEL: MODEL 1: DYKE-LIKE AND ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: CALCULATED: INDIVIDUAL BODY:
RESIDUAL: 

POTENT V3.10A PROFILE DRAWN AT 16:42 19/03/1999 FOR BARRETT GEOPH
GIANTS REEF MINING N.L.
EL9358
AEROMAGNETIC ANOMALY "BIG HEART"
NORMANDY DATA
MODEL 1: DYKE-LIKE AND ELLIPSOIDAL BODIES

POTENT v3.10A Model Summary Report created at Perth
for Barrett Geophysical Exploration Consultants Pty Ltd

Inducing field - Intensity = 51000
Azimuth = 5
Inclination = -50

Body type abbreviations and the shape parameters have the following significance:
Dyke  DYKE  A = width; B = length; C = height; D = slope
Ellipsoid  ELLIPSOID  A, B, C are axes lengths

Model title: MODEL 1: DYKE-LIKE AND ELLIPSOIDAL BODIES

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NOTE
Since data on the aircraft height was unavailable, all depths refer to depths below the aircraft sensor and not below ground level.
OBSERVATIONS: EL9256 - AEROMAGNETIC ANOMALY 'DESERT GOLD'
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CONTOURS OF: OBSERVED FIELD; CONTOUR INTERVALS: 4.0000, 20.000
POTENT V3.10A PLAN DRAWN AT 17:03 20/03/1999 FOR BARRETT GEOPHYS
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "DESERT GOLD"
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CONTOURS OF: CALCULATED FIELD; CONTOUR INTERVALS: 4.0000, 20.000
POTENT V3.10A PLAN DRAWN AT 17:12 20/03/1999 FOR BARRETT GEOPHYSI
OBSERVATIONS: EL9258 - AEROMAGNETIC ANOMALY "DEsert Gold"  
MODEL: MODEL 1: ELLIPSOIDAL BODIES  
CONTOURS OF: RESIDUAL FIELD;  CONTOUR INTERVALS: 4.0000, 20.0000  
POTENT v3.10A PLAN DRAWn AT 17:14 20/03/1999 FOR BARRETT GEOPHYS
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "DESERT GOLD"
PROFILE #1: MODEL 1: ELLIPSOIDAL BODIES
MODEL: CALCULATION MODE: TOTAL MAGNETIC INTENSITY
CALCULATED: INDIVIDUAL BODY:
OBSERVED: RESIDUAL:
POTENT v3.10A PROFILE DRAWN AT 17:06 20/03/1999 FOR BARRETT GEOPH
EL9258 - AEROMAGNETIC ANOMALY "DESERT GOLD"

PROFILE #2:
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED:            CALCULATED:            RESIDUAL:           INDIVIDUAL BODY:

POTENT v3.10A PROFILE DRAWN AT 17:06 2003/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9258 - AEROMAGNETIC ANOMALY "DESERT GOLD"
PROFILE #3:
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED:  
RESIDUAL:  
CALCULATED:  
INDIVIDUAL BODY:  

POTENT V3.10A  PROFILE DRAWN AT 17:06 20/03/1999 FOR BARRETT GEOPH
Observations: EL9258 - AEROMAGNETIC ANOMALY "DESERT GOLD"
Profile #4;
Model: MODEL 1: ELLIPSOIDAL BODIES
Calculation mode: Total Magnetic Intensity
Observed: Calculated:
Residual: Individual body:

Potent v3.10a Profile drawn at 17:07 2003/1999 for Barrett Geoph
OBSERVATIONS: EL9258 · AEROMAGNETIC ANOMALY 'DESERG GOLD'
PROFILE #5;
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED:  _____  CALculated:  _____
RESIDUAL:  _____  INDIVIDUAL BODY:  _____

POTENT v3.10A PROFILE DRAWN AT 17:09 2003/1999 FOR BARRETT GEOPH
GIANTS REEF MINING N.L.  
EL9358  
AEROMAGNETIC ANOMALY "DEsert GOLd"  
NORMANDY DATA  
MODEL 1: ELLIPSOIDAL BODIES

POTENT v3.10A Model Summary Report created at Perth  
for Barrett Geophysical Exploration Consultants Pty Ltd

Inducing field - Intensity = 51000
Azimuth = 5
Inclination = -50

Body type abbreviations and the shape parameters have the following significance:
Ellpsd  ELLIPSOID  A, B, C are axes lengths

Model title: MODEL 1: ELLIPSOIDAL BODIES

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<th>No.</th>
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**NOTE**  
Since data on the aircraft height was unavailable, all depths refer to depths below the aircraft sensor and not below ground level.
EL9358 - AEROMAGNETIC ANOMALY "BALOO E"
MODEL 1: ELLIPSOIDAL BODY
CONTOURS OF: OBSERVED FIELD; CONTOUR INTERVALS: 5.0000, 25.000
POTENT V3.10A PLAN DRAWN AT 17:15 19/03/1999 FOR BARRETT GEOPHYSI
OBSERVATIONS: EL9358 · AEROMAGNETIC ANOMALY "BALOO E"
PROFILE #1;
MODEL: MODEL 1: ELLIPSOIDAL BODY
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: ___________________________ CALCULATED: ___________________________
RESIDUAL: ___________________________ INDIVIDUAL BODY: ___________________________

POTENT v3.10A PROFILE DRAWN AT 17:15 19/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "BALOO E"
PROFILE #2:
MODEL: MODEL 1: ELLIPSOIDAL BODY
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED: ___________________  CALCULATED: ___________________
RESIDUAL: ___________________  INDIVIDUAL BODY: ___________________
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "BALOO E"
PROFILE #3;
MODEL: MODEL 1: ELLIPSOIDAL BODY
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED:  CALCULATED:  
RESIDUAL:  INDIVIDUAL BODY:  

POTENT V3.10A  PROFILE DRAWN AT 17:15  19/03/1999  FOR BARRETT GEOPH
GIANTS REEF MINING N.L.
EL9358
AEROMAGNETIC ANOMALY "BALOO EAST"
NORMANDY DATA
MODEL 1: ELLIPSOIDAL BODY

POTENT v3.10A Model Summary Report created at  for Barrett Geophysical Exploration Consultants Pty Ltd

Inducing field - Intensity = 51000
  Azimuth = 5
  Inclination = -50

Body type abbreviations and the shape parameters have the following significance:
Ellpsd  ELLIPSOID  A, B, C are axes lengths

Model title: MODEL 1: ELLIPSOIDAL BODY

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<th>No.</th>
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<th>Y</th>
<th>Depth</th>
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NOTE
Since data on the aircraft height was unavailable, all depths refer to depths below the aircraft sensor and not below ground level.
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "TC1-7"
PROFILE #1;
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: CALCULATED:
RESIDUAL: INDIVIDUAL BODY:

POTENT v3.10A PROFILE DRAWN AT 15:01 22/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY 'TC1-7'
PROFILE #2:
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED: CALCULATED:
RESIDUAL:
INDIVIDUAL BODY:
POTENT V3.10A PROFILE DRAWN AT 15:01 22/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "TC1-7"
PROFILE #3:
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED: --------------- CALCULATED: ---------------
RESIDUAL: --------------- INDIVIDUAL BODY: ---------------
POTENT v3.10A PROFILE DRAWN AT 15:05 22/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY 'TC1-7'
PROFILE #4;
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED:       CALCULATED:       INDIVIDUAL BODY:
RESIDUAL:       POTENT v3.10A    PROFILE DRAWN AT 15:05 22/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9356 - AEROMAGNETIC ANOMALY "TC1-7"
PROFILE #5;
MODEL: MODEL 1: ELLIPSOIDAL BODIES
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED: \[ \text{CALCULATED:} \]
RESIDUAL: \[ \text{INDIVIDUAL BODY:} \]
POTENT v3.10A PROFILE DRAWN AT 15:05 22/03/1999 FOR BARRETT GEOPH
GIANTS REEF MINING N.L.
EL9358
AEROMAGNETIC ANOMALY “TC1-7”
NORMANDY DATA
MODEL 1: ELLIPSOIDAL BODIES

POTENT v3.10A Model Summary Report created at Perth
for Barrett Geophysical Exploration Consultants Pty Ltd

Inducing field - Intensity = 51000
Azimuth = 5
Inclination = -50

Body type abbreviations and the shape parameters have the following significance:
Ellpsd  ELLIPSOID  A, B, C are axes lengths

Model title: MODEL 1: ELLIPSOIDAL BODIES

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>X</th>
<th>Y</th>
<th>Depth</th>
<th>Strike</th>
<th>Dip</th>
<th>Plunge</th>
<th>Susc.</th>
<th>Rem f</th>
<th>Rem az</th>
<th>Rem inc A</th>
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<th>C</th>
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<tr>
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**NOTE**
Since data on the aircraft height was unavailable, all depths refer to depths below the aircraft sensor and not below ground level.
Observations: EL9358 - AEROMAGNETIC ANOMALY "TC1-7"
Model: MODEL 2: ELLIPSOIDAL BODY
Contours of: OBSERVED FIELD; CONTOUR INTERVALS: 5.0000, 25.0000

POTENT V3.10A PLAN DRAWN AT 17:26 22/03/1999 FOR BARRETT GEOPHYS
OBSERVATIONS: EL9358 · AEROMAGNETIC ANOMALY "TC1-7"
MODEL: MODEL 2: ELLIPSOIDAL BODY
CONTOURS OF: CALCULATED FIELD; CONTOUR INTERVALS: 5.0000, 25.0000
POTENT v3.10A PLAN DRAWN AT 17:31 22/03/1999 FOR BARRETT GEOPHYS
OBSERVATIONS: EL9358: AEROMAGNETIC ANOMALY "TC1-7"
MODEL: MODEL 2: ELLIPSOIDAL BODY
CONTOURS OF: RESIDUAL FIELD; CONTOUR INTERVALS: 5.0000, 25.000
POTENT v3.10A PLAN DRAWN AT 17:32 22/03/1999 FOR BARRETT GEOPHYSI
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY 'TC1-7'
PROFILE #2;
MODEL: MODEL 2: ELLIPSOIDAL BODY
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: ————
RESIDUAL: ————

CALCULATED: ————
INDIVIDUAL BODY: ————

POTENT v3.10A PROFILE DRAWN AT 17:27 22/03/1999 FOR BARRETT GEOPH
Observations: EL9358 - AEROMAGNETIC ANOMALY "TC1-7"
Profile #3
Model: MODEL 2: ELLIPSOIDAL BODY
Calculation mode: Total Magnetic Intensity
Observed: Calculated:
Residual: Individual body: POTENT v3.10A PROFILE DRAWN AT 17:27 22/03/1999 FOR BARRETT GEOPH
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY 'TC1-7'
PROFILE #4;
MODEL: MODEL 2: ELLIPSOIDAL BODY
CALCULATION MODE: TOTAL MAGNETIC INTENSITY
OBSERVED: ----- CALCULATED: ----- INDIVIDUAL BODY: ----- 
POTENT V3.10A PROFILE DRAWN AT 17:29 22/03/1999 FOR BARRETT GEOF...
OBSERVATIONS: EL9358 - AEROMAGNETIC ANOMALY "TC1-7"
PROFILE #5:
MODEL: MODEL 2: ELLIPSOIDAL BODY
CALCULATION MODE: TOTAL MAGNETIC INTENSITY

OBSERVED: CALCULATED:
RESIDUAL: INDIVIDUAL BODY:

POTENT V3.10A PROFILE DRAWN AT 17:29 22/03/1999 FOR BARRETT GEOPH
GIANTS REEF MINING N.L.
EL9358
AEROMAGNETIC ANOMALY "TC1-7"
NORMANDY DATA
MODEL 2: ELLIPSOIDAL BODY

POTENT v3.10A Model Summary Report created at for Barrett Geophysical Exploration Consultants Pty Ltd

Inducing field - Intensity = 51000
Azimuth = 5
Inclination = -50

Body type abbreviations and the shape parameters have the following significance:
Ellpsd ELLIPSOID A, B, C are axes lengths

Model title: MODEL 2: ELLIPSOIDAL BODY

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>X</th>
<th>Y</th>
<th>Depth</th>
<th>Strike</th>
<th>Dip</th>
<th>Plunge</th>
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<th>Rem f</th>
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<td>160</td>
<td>321.77</td>
<td>412.30</td>
<td>58.15</td>
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NOTE
Since data on the aircraft height was unavailable, all depths refer to depths below the aircraft sensor and not below ground level.
APPENDIX 3

ROCK SAMPLE ASSAYS

Analysis Summary

<table>
<thead>
<tr>
<th>SAMPLE NUMBERS</th>
<th>LABORATORY</th>
<th>ANALYSIS REPORT NO.</th>
<th>No. of Samples</th>
<th>DATE</th>
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<tr>
<td>From 59391</td>
<td>To 59392</td>
<td>Amdel</td>
<td>8DN0612</td>
<td>2</td>
</tr>
</tbody>
</table>
Mr. P. Simpson
GIANTS REEF MINING N.L.
PO BOX 1244
TENNANT CREEK
NT 0861

ANALYSIS REPORT : FINAL

Your Reference : 13777          Our Reference : 8DN0612
Samples Received : 08/07/98    Results Reported : 15/07/98
Number of Samples : 9          Report Pages : 1 to 1

This report relates specifically to the samples tested in so far as
the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our
reference as above.

Report Codes:
N.A.  - Not Analysed
L.N.R. - Listed But Not Received
I.S.  - Insufficient Sample

Approved Signature:

for
Mr Russell Holtham
Manager - Darwin Mineral Chemistry
AMDEL LIMITED
A.C.N. 008 127 802
<table>
<thead>
<tr>
<th>SAMPLE</th>
<th>Au</th>
<th>Aul</th>
<th>Cu</th>
<th>Bi</th>
<th>Fe</th>
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<td>32</td>
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</table>

**UNITS**

- DET.LIM  
  - ppm: 0.01  
  - ppm: 0.01
- SCHEME  
  - FA1
  - FA1
  - AA1
  - AA1

R. P. Simpson  
GIANTS REEF MINING N.L.