

**EXPLORATION LICENCE 23183**  
*JUNCTION*

**SECOND ANNUAL REPORT**

**8 October 2004 - 7 October 2005**

*LICENCEE:*

**GIANTS REEF EXPLORATION PTY LTD**

A.B.N. 058 436 795

*AUTHOR:*

**A . WALTERS & B. PARKER**

November 2005

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MAP SHEETS:  
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## **FIGURES**

Figure 1. EL 23183 Junction Year 2 Licence Area

## 1. SUMMARY

Exploration Licence 23183 Junction was acquired by Giants Reef Exploration Pty Ltd (Giants Reef) to search for Tennant Creek style iron oxide copper-gold deposits. Giants Reef Exploration Pty Ltd is a wholly owned subsidiary of Centralian Minerals Limited (formerly Giants Reef Mining Limited).

This report records the exploration work done on EL 23183 during the second year of tenure from the 8th October 2004 to the 7th October 2005.

Exploration work carried out during the year included:

- Geophysical modelling and review of aeromagnetic anomalies
- Reconnaissance mapping.
- Compilation and review of historic vacuum and surface geochemistry sample data over the Licence areas;
- Assessment of known prospects with shallow oxide gold resource potential;
- Planning and preparation for drilling programs;

A drilling program was designed and planned to test the Cleo's Gift prospect within EL 23183 however this work was unable to proceed due to access restrictions by the Central Land Council. Drilling was undertaken in a number of mineral claims and leases within the EL and it was hoped that positive results from this work would extend these activities into the underlying EL. Prospects drilled during the year as part of these programs included Pigale, Orlando West and Orlando.

During the year Giants Reef also undertook an extensive pre-feasibility study to evaluate gold/copper mineral resources in the Company's Tennant Creek tenement holdings, and to examine the viability of constructing a copper recovery circuit as an addition to the present Warrego treatment plant's gravity/CIP gold recovery circuit. The strategy was to unlock gold associated with copper mineralisation and recover both gold and copper metal. As part of this study Giants Reef undertook a comprehensive review of the Gecko and Orlando deposits which are in mineral leases in the overlying EL 23183. This work also included some drilling at the Orlando deposit. This Copper study also included a review and evaluation of prospects within EL 23183 such as Explorer 26, Cleo's Gift and Pigale.

Expenditure for exploration on EL 23183 during year 2 was \$ 14,876 against a covenant of \$ 31,750. The variation in covenant was due to the cancellation of the proposed Cleo's Gift drilling program due to access restrictions by the Central Land Council.

## **2. INTRODUCTION**

Exploration Licence 23183 Junction was acquired by Giants Reef Exploration Pty Ltd (Giants Reef) to search for Tennant Creek style iron oxide copper-gold deposits ("IOCG").

Giants Reef Exploration Pty Ltd is a wholly owned subsidiary of Centralian Minerals Limited (formerly Giants Reef Mining Limited).

This report records the exploration work done on EL 23183 during the second year of tenure from the 8th October 2004 to the 7th October 2005.

## **3. LOCATION**

Exploration Licence 23183 covers an irregularly shaped tract of country spanning the Stuart Highway 23km north of Tennant Creek Township, and contains both the Orlando and Gecko mines.

The principal access to the general licence areas from Tennant Creek is north via the Stuart Highway then via various secondary unsealed tracks and fence line tracks that extend east and west from the Stuart Highway. However, much of the licence area comprises rugged terrain and many of the tracks become impassable during the wet season.

Figure 1 shows the location of these Licences with respect to the town of Tennant Creek.

## 4. TENURE

Tenure details for EL 23183 are as follows:

Exploration Licence	Licence Holder	Blocks & part-blocks	Area (km <sup>2</sup> )	Date of Grant	Period of Grant
23183 Junction	Giants Reef Exploration Pty Ltd	38	101	8 <sup>th</sup> October 2003	6 years

Exploration Licence 23183 Junction, was granted to Giants Reef Exploration Pty Ltd (Giants Reef) on the 8th October 2003 for a period of six years. The Licence covers an area of 38 graticular blocks (101 km<sup>2</sup>).

Exploration Licence 23183 lies within NT Portion 408, Phillip Creek, Perpetual Pastoral Lease 946.

Exploration Licence 23183 is subject to an Indigenous Land Use Agreement (ILUA), signed in September 2000 between the Native Title holders of the Tennant Creek region, represented by the Central Land Council, and Giants Reef.

During this, second year of tenure, a waiver of reduction on EL 23183 was approved by DPIFM, for a period of twelve months expiring on 8<sup>th</sup> October 2006.

## **5. GEOLOGY**

### **5.1 Regional Geology**

The reader is referred to AusIMM Monograph 14 (Geology of the Mineral Deposits of Australia and Papua New Guinea), Volume 1, pp. 829-861, to gain a good introduction to the regional geology and styles of gold-copper mineralisation of the area.

A more recent reference is the 1998 Northern Territory Geological Survey second edition geological map and explanatory notes on the Tennant Creek 1:250,000 scale map sheet (SE53-14) and 1:100,000 scale map sheet FLYNN 5759.

The rocks of the Warramunga Formation host most of the orebodies in the region and underlie most of the Exploration Licence.

### **5.2 Local Geology**

The project area is located in the northern region of the Tennant Creek Province. The geology in the western half of the tenement is characterised by outcropping ridges which comprise scattered outcrops of weathered siltstone and greywacke of the Palaeoproterozoic Warramunga Formation and felsic volcanics or volcanically derived sedimentary rocks of the Flynn Sub-group/ Tomkinson Creek Sub-group (Ooradidgee Group), quartz-rich dissected colluvial fan deposits with minor, colluvium scree, felsic porphyry and alluvial deposits in active channels and on floodplains. The geology of the eastern half is characterised by large areas of Quaternary cover, including colluvium, scree, sheet and dune sand and sandy soil and alluvial deposits in active channels and on floodplains.

Known mineralisation in the Licence is generally located along NW trending structures, most notable of these being the "Quartz Hill Fault". These structures also correlate well with the many mapped outcropping Ironstones, which represent potential hosts for ironstone related Au-Cu-Bi mineral deposits.

## 6. PREVIOUS EXPLORATION

### 6.1 Targets and Concepts

Exploration within EL 23183 has been aimed at discovering Tennant Creek style iron oxide copper-gold (IOCG) deposits within the Warramunga Formation.

This type of deposit is well documented. Better known examples of the primary copper-gold type in the region include Warrego and the already discovered local (within EL 23183) deposits Orlando and Gecko. These deposits are all hosted in ironstone (magnetite +/- hematite) masses with associated chloritic, dolomitic and silicic alteration. An example of the primary gold type is the White Devil deposit.

There are numerous old mines and prospects within EL 23183, and are listed in table 1. From this table, five deposits/prospects have had exploration work conducted on them, Cleo's Gift, Golden Chance, Orlando West, Pigale and Osprey (TC39), three of which are held under Mineral Leases and Claims by Santexco Pty Ltd (subsidiary of Giants Reef Mining Limited) and are therefore not covered by this report, Golden Chance – MLC327, Orlando West – MLC 551 and Pigale – MCC 315.

There are numerous ironstone outcrops and magnetic anomalies that represent non-outcropping ironstone masses, scattered throughout EL 23183.

The discovery of the haematite-magnetite Chariot deposit in 1998 has shown the potential for variations on the classic magnetite ironstone hosted gold +/- copper deposits, where lower order magnetic anomalies, plus gravity methods can define new targets. Discoveries by Giants Reef of mineralisation such as at Malbec West, Marathon and Billy Boy further support this. Giants Reef considers the potential for the discovery of mineralisation in hematite dominant ironstones within this tenement is excellent.



**Table 1.**

<b>DEPOSIT / PROSPECT</b>	<b>MINE WORKINGS</b>
Explorer 55	Osprey (TC35) / Explorer 35
Explorer 64	Cleo's Gift (TC36) / Lone Hand / 1350 (abandoned)
Explorer 65	Occidental / 1281 (abandoned)
Explorer 85	Mt Argo / 1279 (abandoned)
Explorer 87	Bishops Creek / 1136
Explorer 215	Unnamed / 1267
Gecko	Gecko / Explorer 1
PGL 810	Golden Chance / 1175 (abandoned)
Pigale	Marion Ross / 1201
Full Moon	Explorer 198 / 1161 (abandoned)
Bonanza	Orlando East / 2573 (abandoned)
Brentwood	Orlando / 1380 (abandoned)
BC2 (Bishops 2)	Orlando West / 1220
BC3 (Bishops 3)	
Spotted Dawg	
Double G	
White Road	
Osprey (TC39)	

## 6.2 EL 23183 Junction

EL 23183 was acquired to search for IOCG deposits hosted in Warramunga Formation units, predominately within the region of the Quartz Hill fault zone and to further evaluate magnetic features first identified in the Tennant Creek regional magnetic survey, with the most prominent features identified in greater detail by the 1998 heli-magnetics survey (and are located in the western region of EL 23183), the survey was flown between the Warrego and Gecko deposits and conducted by Kenron at the request of the company in 1998. The prominent magnetic features correlate with the Orlando and Gecko mines.

Previous exploration in EL 23183 was undertaken by several companies, and it fell under various EL's during this time.

During the early to mid 1970's using 1:12 000 scale coloured aerial photographs flown in 1969, Australian Development Limited (ADL) compiled detailed geological maps that cover EL 23183 and other surrounding areas. Newmont Australia Limited explored the area in a joint venture with ADL under EL's 5067 & 5133 (White Hill Project) in the late 1980's. The work completed by the joint venture partners included: Geological mapping – comprising systematic ground traverses to update and extend the existing ADL 1:12 000 geological maps; Interpretation of the low-level airborne magnetics survey - flown by Austirex in 1984 with a flight line spacing of 200m, sample interval of 30m for magnetics and 60m for radiometrics and sensor height of 80m; Satellite imagery; Regional and detailed soil and outcrop sampling – a total of 96 soil and drainage samples were taken at various localities to provide orientation for the Bulk Cyanide Leach method in this environment. The data demonstrates back-ground values of 0.2ppb AU to below detection for samples taken in residual soils over granitic basement. Anomalous values ranging up to 22.3ppb Au were returned from samples taken adjacent to known mineralised zones and anomalous drainage trains of greater than 1km downstream were detected.

Metana Minerals NL in a joint venture, first with Allender & Lebrun, and then with Placer Exploration Limited (Placer), explored the area in the late 1980's under EL 5625 (Gecko East Prospect). Work completed by the joint venture partners targeted a magnetic anomaly referred to as 'M1' and included: Photogeological interpretation; Ground magnetics survey – carried out by Solo Geophysics to accurately position an identified airborne anomaly. Readings were taken at a height of 2.7m, an interval of 5m, on lines spaced 80m apart. The results suggested an ironstone source steeply plunging south; Soil sampling – a total of 155 samples were taken on a 20m x 80m grid over the M1 anomaly, results received weren't encouraging as no values exceeded the background level set by the partners of 0.2 ppb; Bedrock geochemistry – sampling was conducted with a RAB rig on a 40m x 80m grid over the centre of the M1 anomaly. The sample was taken from the bottom metre of the hole in recognised bedrock. Results reflected that, of the soil sampling results, there were no anomalous values. Bedrock lithologies were dominantly siltstone with minor vein quartz, clay and rare hematite; Rock chip samples – six samples were collected and assayed, no anomalous values were returned; RC drilling – two RC holes (GCRC001 & GCRC002) were targeted on the modelling of the ground magnetic data. The holes were drilled at a spacing of 40m to the north and were angled at -60 to a depth of 139m. GCRC001 intersected massive jasperlitic quartz-hematite from 49.5m to

63.5m. Samples were taken every metre and there were no anomalous gold intersections, the best results were GCRC001 1m @ 0.20ppm Au from 135, GCRC002 1m @ 0.10ppm Au from 44m; Stream sediment sampling – a regional stream sediment sampling me was carried out over the entire tenure. A 3kg sample of -2m fraction was collected at each site and analysed by the Bulk Leach Extractable Gold (BLEG) method, a 50g split of -180 microns fraction was taken from each and analysed for copper and bismuth, with the best results relating to EL 23183 being located near the M1 anomaly being 1.3ppb Au, 2ppm Cu, 0.3ppm Bi

PosGold Limited now Normandy Gold Pty Limited, explored the area in the early 1990's under EL 7099 (Mercury Prospect). Worked completed by PosGold included: Interpretation of the low-level airborne magnetics survey - flown by Austirex in 1984 with a flight line spacing of 200m, sample interval of 30m for magnetics and 60m for radiometrics and sensor height of 80m, from this survey and contour maps were produced at 1:100 000, 1:50 000 and 1:10 000 scales; Satellite imagery – interpretation of colour clay and colour gossan Landsat Thematic Mapper imagery showed the White Road Prospect as a distinct linear zone of silicification and clay alteration supported by ADL's regional geological mapping; Regional gravity survey – the survey incorporated EL 7099, a set of 1:50 000 scale Bouguer Gravity Contour Maps were produced to aid in structural understanding. The results only showed one significant feature, a large gravity low, via a ground assessment it was interpreted to possibly represent a volcanic vent associated with the Bernborough Volcanics; Soil geochemistry – soil sampling targeted a zone of quartz veining, testing for hydrothermal gold mineralisation associated with quartz veining, structural setting and altered host volcanics. A total of 336 bulk soil samples were collected on a 50m x 100m grid which was oriented to 320° to correspond to the strike of the quartz veining and measures 1 500m x 1 000m. Results didn't indicate any significant base metal anomalies, copper peaked at 16ppm, with only 6 samples assaying greater than 10ppm, Pb, Bi and As were all below 10ppm, 10 samples assayed in the range of 10ppm – 34ppm Zn, with one spot peak of 210ppm. Au results were generally low with the best assaying at 8ppb, 12.5ppb, and 16.4ppb. Following these results a second soil sampling me was conducted over the quartz veining, a total of 76 samples were collected on 4, 200m spaced lines with 50m spaced samples, 14 samples were collected at 50m x 50m to further test the 16.4ppb Au anomalous results region. Gold peaked at 0.78ppb, with the repeat sampling of the initial anomalous 8.0ppb Au and 16.4ppb Au results, returned values of 0.27ppb Au and 0.24ppb Au respectively; Geomorphologic mapping – involving integration of aerial photograph mapping and interpretation with colour tm imagery and field traversing; Aerial photographic interpretation – the results of this work concluded that the Bernborough Volcanics and overlying Flynn Subgroup sediments cover the majority of the tenement area. The main structures in the area are late dextral faults, commonly quartz-filled.

Asarco Australia limited (Asarco) explored the area in a joint venture agreement with North Flinders Mines Ltd (NFM) in the early 1990's under EL 7181 (Orlando Prospect). The work conducted by the joint venture partners included: Gridding – totalling 76.2 km at either 100m or 200m line spacing and 50m peg spacing; Vacuum drilling – this was carried out to test magnetic flexures identified along the edges of pronounced magnetic ridges. The quoted lower limits used by the partners were, Au 0.001ppm, Cu 0.5ppm and Bi

1.0ppm. Of this extensive me the work carried out in the Orlando South, West Block grid was within EL23183, it totalled 95 holes totalling 309 metres on seven lines. Anomalous Au, Cu and Bi values were identified in a zone that extends 600m in an east west trend and narrows from its widest point at the western edge of the grid to approximately the centre of the grid. Elevated Cu values cover the largest area ranging from 14 to 93.5ppm, averaging 20 to 30ppm. Bi values are less than 1ppm over most of the Orlando south grid but range from 1 to 26ppm in the anomalous zone. Slightly elevated Au values of 1 to 4ppb, with a 7ppb value, coinciding with the elevated Cu and Bi values. The lower portion of the Queen of Sheeba grid encroaches on EL 23183, but no significant results were returned; Geological mapping – mapping was carried out at 1:10 000 scale over areas which were gridded for vacuum drilling; Rock sampling – two samples were taken from the Orlando south region for descriptions and analysis.

Roebuck Resources NL explored the area in a joint venture agreement with NFM in the early 1990's under EL's 7407, 7408, 7446 & 7649 (Gecko Cleo group), work completed by the partners included: Bedrock geochemical RAB drilling – only the Gecko east portion of the partners me is within EL23183, this portion of the me was drilled to determine the source of the 900m long, north-northwest trending, +50ppm copper anomaly defined by the 1991 bedrock geochemical drilling. 8 inclined (60°) holes were drilled totalling 371m. Results indicated that the +50ppm bedrock copper anomaly relates to mineralised shears within fractured, quartz veined, fine magnetic bearing quartz-felspar porphyry. The mineralisation is cooper dominant, gold poor and mainly disseminated but may occur as irregular pods; Geological mapping; Rock sampling. Roebuck furthered explored the area in a joint venture with NFM under SEL 8777 in 1994 – 1997, but no reports are available in Library of Centralian Minerals Limited.

Western Mining Corporation Limited (WMC) explored the area in the early 1990's under EL 7527. During the period March 1992 – March 1993 work completed included: Gridding – this established a 2km long baseline with 80m spaced lines extending 500m north and south of the baseline; Detailed ground magnetic survey – stations were 10m apart on 80m spaced lines with 40m spaced lines over significant anomalies with a 3m sensor height. The data obtained from the survey reflected, just in more detail, that of the aeromagnetics; Geological mapping and rock chip sampling – both gridded areas were mapped at 1:2500 and rock-chipped sampled in August 1992. The results of this revealed an anomalous Bi, Cu and lesser Au region. During the period March 1993 – March 1994 work completed included: a 55 hole RAB drilling (TMMP001 -055), totalling 162m was conducted to test drill the anomalous Bi, Cu and lesser Au rock-chip region. No ironstones were intersected, but a significant number of holes intersected vein quartz. Although some areas of quartzose were anomalous, no results prompted follow-up work.

NFM explored portions of the EL under EL 8640 between June 1994 – June 1996, but no reports on this EL are available in the Centralian minerals library.

Normandy explored areas covering portions of EL 23183 during the mid 1990's under EL 7661 (Picasso prospect) focussing on the Explorer 85 prospect, but no reports are available from the library of Centralian Minerals Limited.

The Bishops Creek leases contain two old mines (small historical workings): Occidental and Cleo's Gift. Worked first conducted on these leases was by Nobelex NL, Poseidon Gold Limited and Normandy, the work included: soil sampling; geophysical surveys (IP, TDEM, aeromagnetism and ground magnetism), shallow RAB and RC drilling. The details of this work aren't available in the library of Centralian Minerals.

The TC-39 prospect was explored by Nobelex NL in 1974 under EL 96, work conducted included: Geological mapping; Sampling; Geophysical surveying; Diamond drilling. No details of this work are available from the library of Centralian minerals.

PosGold explored a portion of EL 23183 under EL 9150 (Leonardo). Work completed included: Vacuum drilling – holes were drilled along 200m spaced, 1800m lines with hole intervals of 50m. Closer spaced, shorter lines were used over specific targets. Hole depths averaged 5.1m and a total of 204 holes (LEV014-025, 057-076, 128-138, 175-198, 247-270, 089-100, 321-332, 042-043, 390-391, 397-398, 215-216, 378-379, 229-230, 357-358, 117-118, 349-350, 287-288, 304-305), for 1084m was drilled. The results returned anomalous assays of up to 5.2ppb Au, 220ppm Cu, 24ppm Bi, 22ppm Co and 13.4% Fe; RAB drilling – 7 holes, totalling 357m, results returned were not encouraging, with no significant mineralisation detected.

In the first tenure year exploration work involved the combined a quantitative/qualitative ranking, based on geological, geochemical & geophysical characteristics and other parameters covering work status, target type, land status and economics. As part of this work geochemical data sets, including all historical drilling data, were integrated into the Company's database and GIS for analysis.

Results from this work generated targets for drill testing. This drill testing was to be undertaken in the next year of tenure. The proximity of the magnetic features to the Orlando and Gecko mines (18,800 ounces of gold produced) and other significant features such as the Quartz Hill Fault lend some support to the prospectively of these generated targets.

## **7. WORK DONE DURING YEAR TWO**

In 2004 Giants Reef submitted a number of Mining Management Plans (MMP) for exploration s within the Northern Project Area. Exploration commenced on EL 23183 once Authorisations (0233-01 & 0233-02) were approved by the Department of Business, Industry & Resource Development.

### **7.1 EL 23183 Junction**

Drilling of targets within EL 23183 was included within the Northern Project Area MMPs and proposed expenditure for this work was \$ 34,750. Approximately 635 metres of RAB drilling was proposed, which included 485m at Osprey (TC35/Ex65) and 150m at Cleo's Gift (TC36).

Although the areas proposed for drilling were not proximal to any AAPA Recorded or Registered Sacred Sites, Giants Reef were unable to proceed with the programs because of requests by the Central Land Council and Traditional Owners to relocate the holes due to their proximity to sites of "cultural sensitivity". The relocation of these holes thus made it impracticable and to affectively drill test the targets at depth.

The cancellation of these drill programs was disappointing, particularly given the significant preparation work that Giants Reef had undertaken in the collection and entry of exploration data into a GIS and Micromine database and interpretation of mineralised systems.

During the second year of tenure a waiver of reduction on EL 23183 was approved by DPIFM, for a period of twelve months expiring on 8<sup>th</sup> October 2006.

As a result of the cancellation of drilling s, expenditure for exploration on EL 23183 during year 2 was \$14,876 against a covenant of \$34,750. A variation of covenant accompanies this report.

Proposed expenditure for exploration on EL 23183 next year will be approximately \$20,000.

## **8. REHABILITATION**

No rehabilitation work was required during the report period due to the cancellation of drilling programs as outlined in Section 7.1.

## 9. CONCLUSIONS

Work carried out during the year on EL 23183 has included:

- Geophysical modelling and review of aeromagnetic anomalies
- Reconnaissance mapping.
- Compilation and review of historic vacuum and surface geochemistry sample data over the Licence areas;
- Assessment of known prospects with shallow oxide gold resource potential;
- Planning and preparation for drilling programs;

The cancellation of these drill programs was disappointing, particularly given the significant preparation work that Giants Reef had undertaken in the collection and entry of exploration data into a GIS and Micromine database and interpretation of mineralised systems.

The Company believes that EL 23183 represents an area of high prospectivity and therefore further refinement of the target geological and geophysical models with respect to the restrictions applied by the Central Land Council and Traditional Land Owners within EL 23183 is planned for the next tenure year preparatory to any generation of future drilling programs.

Exploration proposed for next year will also focus on evaluating several greenfields targets such as Explorers 55, 64, 87, 215 and re-assessing more advanced prospects such as Mt Argo, Occidental. This work will include further geophysical modelling and geochemical analysis.

Proposed expenditure for exploration on EL 23183 next year will be approximately \$20,000.



## 10. EXPENDITURE YEAR TWO

### 10.1 EL 23183 Junction

The proposed expenditure for the second year of tenure was \$34,750. Actual expenditure was as follows:

	\$
1. Geology	\$4,778
2. Geophysics	\$500
3. Geochemistry	\$0
4. Surveying	\$1,640
5. Data integration	\$640
6. Drafting	\$315
6. Analytical	\$0
7. Drilling	\$0
8. Tenure maintenance	\$298
9. Administration and overheads	\$5,705
10. Rehabilitation	\$0
9. Land Access clearances/CLC	\$1,000
TOTAL	<b>\$14,876</b>

## 11. PROPOSED WORK AND EXPENDITURE FOR YEAR THREE

### 11.1 EL 23183 Junction

	\$
1. Geology	\$4,000
2. Geophysics	\$2,000
3. Geochemistry	\$2,000
4. Surveying	\$1,000
5. Data integration	\$500
6. Drafting	\$500
6. Analytical	\$2,000
7. Drilling	\$4,000
8. Tenure maintenance	\$500
9. Administration and overheads	\$500
10. Rehabilitation	\$1,000
11. Land Access clearances/CLC	\$2,000
TOTAL	<b>\$20,000</b>

Exploration s are affected by the results achieved as the work progresses, and while these are the proposed s and expenditures for the coming year, some changes may become necessary.

**GIANTS REEF MINING LIMITED*****HARD COPY REPORT META DATA FORM***

REPORT NAME: EL 23183 SECOND ANNUAL REPORT 8<sup>TH</sup> OCTOBER 2004 - 7<sup>TH</sup> OCTOBER 2005

PROSPECT NAMES(s): JUNCTION

GROUP PROSPECT NAME:

TENEMENT NUMBERS(s): EL 23183

ANNIVERSARY DATE: 8<sup>TH</sup> OCTOBER 2005

OWNER/JV PARTNERS: GIANTS REEF EXPLORATION PTY LTD

AUTHOR(s): A.WALTERS & B. PARKER

COMMODITIES: GOLD, COPPER

MAPS 1:250 000: TENNANT CREEK SE53-14

MAPS 1:100 000: FLYNN 5759

MAPS 1:25 000

TECTONIC UNIT(s): TENNANT CREEK INLIER

STRATIGRAPHIC NAME(s) WARRAMUNGA FORMATION, CAMBRIAN WISO BASIN

AMF GENERAL TERMS:

AMF TARGET MINERALS: GOLD, COPPER, LEAD, ZINC

AMF GEOPHYSICAL: MAGNETIC INTERPRETATION, GRAVITY SURVEY

AMF GEOCHEMICAL:

AMF DRILL SAMPLING:

HISTORIC MINES: CLEO'S GIFT, OCCIDENTAL, MT ARGO, GOLDEN CHANCE, MARION ROSS, EXPLORER 198, ORLANDO EAST AND ORLANDO.

DEPOSITS: CLEOS GIFT, GOLDEN CHANCE, OSPREY, ORLANDO WEST, ORLANDO, PIGALE

PROSPECTS: EX 85, EX 215, EX 87, EX 64, EX 65, EX 55, GECKO, PGL 810, PIGALE, FULL MOON, BONANZA, BRENTWOOD, BC2, BC3, SPOTTED DAWG, DOUBLE G, WHITE ROAD, OSPREY

KEYWORDS: GECKO, ORLANDO, CLEOS GIFT, GOLDEN CHANCE, OSPREY, ORLANDO WEST, PIGALE

# CENTRALIAN MINERALS LIMITED

## SECOND ANNUAL REPORT FOR: EL 23183 JUNCTION

 EL 23183

☐ PERPETUAL PASTORAL LEASE

 **ABORIGINAL FREEHOLD LAND**

DATE: NOV 2005  
AUTHOR: A.WALTERS

**DATUM: GDA 1994**

**SCALE:1:50000**

