

EXPLORATION LICENCE 7716

PHILLIP CREEK

FINAL REPORT

16 March 1992 - 15 March 2000

LICENSEE:

GIANTS REEF EXPLORATION PTY LTD

A.C.N. 009 200 346

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May, 2000

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SUMMARY

Exploration Licence 7716 *Phillip Creek*, is one of a contiguous group of tenements, referred to as the *Northern Project Area*, being explored by Giants Reef. The others are ERL 147 *Edna Beryl* (now ML C705), MC C1065 *Marathon*, MC C907-C910, C912-C913 *Troy*, ML C91-C95 *Carraman/Klondyke*, MC C914-C915 *Rising Star* and MC C1344-C1349 *Archimedes*.

Exploration Licence 7716 was granted in substitution for all or part of EL's 5114, 5409, 5432, 5493, 6309, 6311, 7078, 7371 and 7653 which were held by Western Mining Corporation Limited (WMC) and Giants Reef Mining Exploration Pty Ltd (GRM). Project status for the Licence was granted by the NTDME and a common reporting date established.

This report records all exploration activities completed on EL 7716 during the term on the Licence from 16 March 1992 to 15 March 2000.

Work completed during the term included gridding, soil sampling, rock chip sampling, ground magnetic and gravity surveying, geophysical modelling, RC percussion and diamond drilling.

Further exploration will be carried out if and when EL Applications 22589 and 22590, which cover the same area as EL 7716 at its expiry date are granted.

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FIGURES

1. Location and Surrounding Tenements
2. Licence Area
3. Prospect Location Map

1. INTRODUCTION

Exploration Licence 7716 was one of a contiguous group of tenements, referred to as the *Northern Project Area*, being explored by Giants Reef. The others are ERL 147 *Edna Beryl* (now ML C705 *Apollo*), MC C1065 *Marathon*, MC C907-C910, C912-C913 *Troy*, ML C91-C95 *Carraman/Klondyke*, MC C914-C915 *Rising Star* and MC C1344-C1349 *Archimedes*.

EL 7716 formed part of a joint venture between Giants Reef Exploration Pty Ltd (Giants Reef) and Western Mining Corporation Limited (WMC), known as the Tennant Creek Joint Venture, which commenced in 1988.

Giants Reef took over as manager of the Joint Venture on 1 March 1995 under an agreement with WMC to purchase their interests in the Tennant Creek area. The purchase was completed in September 1997 and title was transferred to Giants Reef in January 1998.

This report records all exploration activities completed on EL 7716 during the term of the Licence from 16 March 1992 to 15 March 2000.

2. LOCATION

EL 7716, *Phillip Creek*, is approximately 40 kilometres north of Tennant Creek and consists of two portions: a larger portion to the east of the Stuart Highway and the other smaller one to the west of the Highway. It is located on the Flynn 1:100 000 scale map sheet.

Access is via the Stuart Highway and the unsealed dry weather track which runs out to the old Whippet mine. During and immediately after rain the area is inaccessible.

Figure 1 shows the EL and surrounding tenements.

3. TENURE

EL 7716 was granted to WMC (80%) and GRE (20%) on 16 March 1992 for a period of 4 years. Originally covering 53 blocks the EL had been reduced to 14 blocks by its fourth year.

On 7 March 1996 the Department of Mines and Energy granted a renewal of the EL for two years to expire on 15 March 1998. The area remained at 14 blocks for its fifth and sixth years. On 26 May 1998 a further renewal of two years to expire on 15 March 2000 was granted. The area remained at 14 blocks.

In September 1997 Giants Reef completed its purchase of WMC's interest in the Joint Venture and transfer of the 80% WMC equity to Giants Reef was registered on 12 January 1998.

The Licence is within NT Portion 408, Perpetual Pastoral Lease 946, Phillip Creek Station.

Figure 2 shows the Licence area.

4. GEOLOGY

The regional geology of the Tennant Creek field has been detailed in many publications. 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 1995 the Northern Territory Geological Survey released a geological map and explanatory notes on the Flynn 1:100,000 sheet. The rocks of the Warramunga Formation host most of the ore bodies in the region and underlie parts of EL 7716.

5. WORK DONE DURING YEAR 1

5.1 Sparta Prospect

5.1.1 Location and gridding

The Sparta area was identified as a prominent magnetic anomaly displaying sufficient complexity for it to be investigated further. Brian Blakeman of Brian Blakeman Surveying was contracted to establish a surveyed AMG baseline and subsequent north-south cross lines were pegged. The anomaly is approximately centered at AMG 410000E, 7867500N (Figure 3).

5.1.2 Ground magnetic survey

Ground magnetics were read over the Sparta grid to cover the aeromagnetic anomaly. A Scintrex MP3 magnetometer was used in 10 metre station intervals and 80 metre interline spacing. The survey confirmed the presence of three east-west trending anomalies, located in the north and central sections of the grid.

5.1.3 Gravity survey

The identified magnetic anomalies were covered with a gravity survey in April 1992 using a LaCoste-Romberg gravity meter. Results identified no discrete anomalies.

A detailed record of exploration carried during the first year of tenure for EL 7716 is described in WMC report titled: First Annual report EL 7715 "Hercules" and EL 7716 "Phillip Creek" for the project year March 16th 1992 to March 15th 1993.

5.2 Rhodes Prospect

5.2.1 Location and gridding

The Rhodes area was of interest as it contained subtle aeromagnetic complexity in stratigraphy which was considered to have potential to host ironstone(s). Brian Blakeman of Brian Blakeman Surveying was contracted to establish a surveyed AMG baseline and subsequent north-south cross lines were pegged. The area of interest is approximately centred at AMG 415700E, 7861500N (Figure 3).

5.2.2 Ground magnetic survey

Ground magnetics were read over the Rhodes grid in May 1992 using a Scintrex MP3 magnetometer. Station intervals were at 10 metre and 80 metre interline spacing was adopted.

Results defined two anomalous zones, a western response centered near 415180E, 7861800N and an easterly response near 416380E, 7861050N.

5.2.3 Gravity Survey

The westerly magnetic anomaly was covered with a gravity survey using a LaCoste-Romberg gravity meter. Station intervals of 25 metres and an interline spacing of 80 metres were used. Results identified no discrete gravity anomalies however a weak regional gradient was observed.

5.3 Whippet South Prospect

5.3.1 Locations and Gridding

The Whippet South prospect is centered on a prominent east-west magnetic anomaly in the south east corner of EL 7716. The anomaly had previously attracted the attention of Geopeko (Explorer 48).

A star picket baseline and north-south cross lines established in 1989 was re-established and additional cross lines were added.

The Whippet South area is accessed by a four wheel drive track which commences opposite the Northern Star turn off on the Stuart Highway and then progresses east past the Edna Beryl and Whippet mines.

5.3.2 Ground magnetics survey

In May 1992 ground magnetics were read over the Whippet South grid in using a Scintrex MP3 magnetometer. Station intervals were at 10 metre and 1000 metre interline spacing was adopted.

Results confirmed a significant magnetic response of over 300nT centered near 429000E, 7862600N. A secondary 200nT response lies on the western edge of the main magnetic response and is centered at 427800E, 7862600N.

5.4 Regional Gravity Survey

The entire EL 7716 area was covered with a 500 x 500 metre gravity survey during late September early October 1992. A gravity base station was used and this was tied into the BMR base gravity station at Tennant Creek airport. No interpretation had been attempted at the time of writing the first year Annual Report.

5.5 Re-analysis of Vacuum and RAB Chips

Drill chips from the 1980 Marathon Petroleum RAB follow up of the Uranerz vacuum geochemical survey were re-assayed at WMC's Ballarat Laboratory. Composited samples were analysed for low level gold, plus copper and bismuth. Results were generally disappointing.

A detailed record of exploration carried during the first year of tenure for EL 7716 is described in WMC report titled: First Annual Report EL 7715 "Hercules" and EL 7716 "Phillip Creek" for the project year March 16th 1992 to March 15th 1993.

6. WORK DONE DURING YEAR 2

6.1 Sparta Prospect

6.1.1 RC percussion drilling

The Sparta area was of interest as a prominent aeromagnetic anomaly. Three RC percussion drill holes were drilled to test the earlier modelled magnetic anomalies. All holes intersected thick magnetic gabbro. Western Mining Corporation considered the magnetic character of the Gabbro sufficient to account for the identified magnetic anomalies.

6.1.2 Downhole magnetic survey

Hole TCMC 75 was probed for three component magnetics by contractor Surtron Technologies of Perth, WA.

A complete record of all drilling data is contained within WMC report titled Second Annual Report EL 7715 "Hercules" and EL 7716 "Phillip Creek" for the project year March 16th 1993 to March 15th 1994.

6.2 Cyclops Prospect

6.2.1 Target and location

The Cyclops prospect lies to the west of the Stuart Highway approximately 1 km north of the turn off to Phillip Creek station and is accessed by an old gravel scrape track and then across country.

The area was identified as prospective as a result of the regional 500 x 500 metre spaced gravity survey which was begun in 1992 (section 6.2.20 and completed 1993 (section 6.3) and is coincident in part with an strong aeromagnetic anomaly. The source of this gravity anomaly required investigation.

6.2.2 Gridding and gravity survey

The anomaly area was gridded with the baseline established using a "sub-metre carrier phase" GPS. The grid was subsequently pegged using compass and chain. In fill 100 x 100 metre

spaced gravity stations were read using a LaCoste Romberg G747 gravity meter. Processing of the data confirmed a residual gravity anomaly of approximately 2 mgals.

6.2.3 RC percussion drilling

Three RC percussion drill holes were drilled to test the Cyclops anomaly. All three holes intersected a thick dyke or sill of magnetic gabbro and it appears that the magnetic and gravity anomalies are the result of the gabbro's magnetic and dense character.

6.2.4 Downhole magnetic survey

Two holes were probed by Surtron Technologies, Perth, WA. A complete record of all drilling data is contained within WMC report titled Second Annual Report EL 7715 "Hercules" and EL 7716 "Phillip Creek" for the project year March 16th 1993 to March 15th 1994.

6.3 Regional Gravity Survey

The 500 x 500 metre gravity survey described in section 5.4 of this report was completed during the second year reporting period. All survey specifications remained the same. Results are described in full within WMC report titled Second Annual Report EL 7715 "Hercules" and EL 7716 "Phillip Creek" for the project year March 16th 1993 to March 15th 1994.

6.4 Aeromagnetic Survey

In June 1993 a detailed aeromagnetic survey was flown, covering most of EL 7716. In-house processing and imaging of the data is described in section 7.2 of this report.

7. WORK DONE DURING YEAR 3

7.1 Sparta Prospect

The Sparta area was of interest as a prominent aeromagnetic anomaly. Three RC percussion drill holes were completed in Year 2 and tested the modelled magnetic anomalies (section 5.1.2) and confirmed that they were sourced by magnetic gabbro bodies. No further work was recommended following a review of results in early 1994 and the Sparta prospect was included in the area recommended for relinquishment at the end of Year 3.

7.2 Cyclops Prospect

Modelling of airborne and drillhole magnetic data was completed as part of a reassessment of the potential of this area. The modelling indicated that the drilling had tested the source of the anomaly. The weak residual gravity anomaly associated with this magnetic feature was suggested to be caused by a combination of density contrasts between dolerite and surrounding country rocks and paleotopographic effects. No gravity modelling was carried out. Following assessment of all exploration data the Cyclops prospect was recommended for relinquishment at the end of Year 3.

7.3 Conclusions

Processing and enhancement of data from a detailed airborne magnetic survey that was flown in the 1993/94 project year continued into Year 3. Reassessment of all the results of exploration efforts in the northern half of EL 7716 led to a decision to relinquish this part of the area on its third anniversary. The Sparta and Cyclops prospects were included within the relinquishment area.

A detailed record of exploration carried during the third year of tenure for EL 7716 is described in WMC report titled: Third Annual report EL 7715 "Hercules" and EL 7716 "Phillip Creek" for the project year March 16th 1994 to March 15th 1995.

8. WORK DONE DURING YEAR 4

8.1 Gridding

Uranerz had constructed a surveyed a grid over the eastern portion of EL 7716 in 1977. The east-west AMG base line (50000N) is located approximately on latitude 19°18' and was in reasonable

condition. North-south cross lines were spaced at 200 metre intervals along the base line and were pegged at 100 metre intervals by Giants Reef. Arnhem Exploration Services were then contracted to flag and re-peg the grid lines at 50 metre intervals. This work was completed during November and December 1995.

8.2 Soil Sampling

Soil samples were collected from about 150 mm depth at 50 metre intervals along north-south grid lines, 200 metres apart in the eastern part of the EL 7716. Arnhem Exploration Services did most of the work except at the eastern end of the grid where the samples were collected by Giants Reef staff. Duplicate samples were collected at regular intervals.

Eight hundred and twenty seven samples were sent to ALS for analysis by the *Regoleach* method for Cu, Pb, Ag, As, Bi and Co. ALS also analysed the samples for Sb and Au at their cost.

The gold values, as expected, were all at or below the detection limit of 1 ppb Au. The best response in the analytical results came from bismuth. A strong linear Bi anomaly, which probably originates at the Whippet mine tailings dump, was visible in the data for 3.5 kilometres west of the mine. The tailings were known to contain high values of Bi and it appears that the soil sampling results are highlighting a dispersion in drainage away from the mine. Other Bi anomalies unrelated to the main drainage feature occur and will need to be followed up. Both Cu and Pb indicate a zone of anomalism stretching across the northern part of the grid. This anomalism may be caused by a stratigraphic source. Some high Cu and Pb values require follow up sampling.

A detailed record of exploration carried during the fourth year of tenure for EL 7716 is described in Giants Reef Exploration Pty Ltd report titled: Exploration Licence 7716 *Phillip Creek* Fourth Annual Report March 16th 1995 to March 15th 1996.

9. WORK DONE DURING YEAR 5

9.1 Gridding

The re-established grid described in section 8.1 was extended to cover the Whippet South magnetic anomaly (section 5.3.2). Four north-south grid lines were surveyed over the Whippet South magnetic anomaly. The lines were tied into the trig point at Whippet Hill and were given AMG coordinates. Pegs were placed at 25 metres intervals.

9.2 Soil Sampling

Soil samples were collected from about 150 mm depth at 50 metre intervals along north-south grid lines 200 metres in the area to the north of the Whippet mine. The top layer of soil was removed before sample collection in an attempt to reduce the chance of contamination by wind blown tailings from the Whippet mine.

Two hundred and seventy eight samples (123001-123278) were sent to ALS for analysis by the *Regoleach* method for Cu, Pb, Ag, As, Bi and Co.

The best response in the analytical results came from bismuth. A strong broad Bi anomaly, which probably originates from the Whippet mine, is visible in the data to the north of the mine. Other Bi anomalies unrelated to the main drainage feature occur and will need to be followed up.

Both Cu and Co have anomalous zones to the north of the Whippet mine, which do not appear to be drainage related. Infill sampling followed by RAB or vacuum drilling was suggested to follow these up.

9.3 Gravity Survey

The Whippet South magnetic anomaly was outlined by a ground magnetic survey conducted during 1992 by WMC (Section 5.3.2). A gravity survey was planned to be completed at the same time but was never started.

Four gravity traverses were completed over the Whippet South magnetic anomaly and one regional gravity traverse was completed to the west of the Whippet mine. Elevations were determined optically for these traverses.

The gravity traverses were completed during November 1996 by Giants Reef. The magnetic anomaly appeared to have a coincident gravity anomaly. This suggested that the cause of the magnetic anomaly may be a dense body. It appeared unlikely that this body was a typical Tennant Creek ironstone given the stratigraphic position and proximity to a granite contact. Further interpretation of the data was suggested before drilling would be undertaken.

The regional gravity traverse was completed on line 57600E (Uranerz grid). Readings were collected on 25 metres intervals along the line. No major anomalies are evident in the data.

A detailed record of exploration carried during the fourth year of tenure for EL 7716 is described in Giants Reef Exploration Pty Ltd report titled: Exploration Licence 7716 *Phillip Creek* Fifth Annual Report March 16th 1996 to March 15th 1997.

10. WORK DONE DURING YEAR 6

10.1 Diamond Drilling

Diamond hole WSD1 was drilled to 351.2 metres at the Whippet South coincident gravity and magnetic anomaly. The hole was designed to test WMC's modelled source, which had not been intersected by their line of percussion holes above the target.

The drilling was done by Rockdril Contractors Pty Ltd of Brisbane, using a UDR 1000 convertible rig.

Drilling details are:

Hole	Easting AMG	Northing AMG	Azimuth AMG	Angle	Depth metres
WSD1	429000	7862250	360°	-60°	RC precollar to 167 NQ core 167 to 351.2

Downhole surveys showed that it lifted progressively, starting at -60° at the collar and rising to -50° at 350 metres. The hole was left cased with 50 mm PVC piping to a depth of about 218 metres.

The precollar section was analysed in 5 metre composite samples for Au, Cu, Bi, Fe, Co, Cr and Ni. No anomalous values were returned.

The rock drilled was a non-foliated hornfels. This is in agreement with the anomaly being on the margin of a granite mass immediately to the south, and with it being in the Flynn Sub-group (as per the NTGS Flynn geology map) rather than in the Warramunga Formation. No sulphides were seen, apart from rare pyrite grains and occasional pyrite flakes on joint planes. K-felspar-rich pegmatite veins, with some tourmaline, were noted in places. At this stage, assaying of the core had not commenced.

Crystalline haematite and magnetite were noted. The magnetic susceptibility of the core was high and may explain the magnetic anomaly.

Three sections of the core were measured and weighed and gave densities of 2.81, 2.83 and 2.81 (average 2.82).

5.2 Petrology

Three slices of the core were sent to Rockco Pty Ltd of Brisbane, for petrological identification by Dr N J W Croxford, who described them as contact metamorphosed volcanoclastic sediments.

5.3 Ground magnetic reconnaissance

Two magnetically low areas of interest were identified from the WMC JV 1993 (section 6.4) detailed aeromagnetic survey over the area and checked by contractor Mr P W Youngs. These magnetic features show some comparison with the magnetic signature of the Marathon gold-copper prospect. They are located 2.5 kilometres west of the Whippet mine.

The areas were located on the ground by GPS and some reconnaissance profiles were read.

A detailed record of exploration carried during the sixth year of tenure for EL 7716 is described in Giants Reef Exploration Pty Ltd report titled: Exploration Licence 7716 *Phillip Creek* Sixth Annual Report March 16th 1997 to March 15th 1998.

11. WORK DONE DURING YEAR 7

11.1 Gridding

A tape and compass reconnaissance and access line 2.7 kilometres long was cleared along AMG line 423500E, to the north boundary of EL 7716 at 7867800N, using a front-end loader.

This was done for later geophysical and geochemical profiles across the Rising Star east-west gravity ridge and other various east-west magnetic features. It was marked with wooden grid stakes every 100 metres.

11.2 Soil geochemistry

A total of 121 soil samples were collected every 25 metres along the reconnaissance and access line 423500E. Analyses were done for 25 elements, by AMDEL "Deepleach 11" technique IC8/11. No obvious anomalies were noted.

11.3 Rock chip sampling

Eight rock chip samples (59393-59400) were collected during a reconnaissance trip in areas north and east of the Whippet mine. These included three samples from two small pits dug in quartz-matrix haematite breccia on the old Uranerz baseline track. This was dubbed the "Drillsteel" prospect, which returned assays as follows:

Sample	Au g/t	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Bi ppm	Fe%
59393	0.01	4	8	14	<1	<4	10	10.7
59394	<0.01	57	20	125	<1	<4	50	69.1
59395	<0.01	51	22	79	<1	5	40	32.2

These bismuth levels are anomalous. It was planned to test this target with shallow drilling in the forthcoming year.

11.4 Magnetic modelling

A large positive (32nT amplitude) anomaly centred at AMG co-ordinates 421500E 7865500N, was the subject of magnetic modelling by Dr D Barrett of Barrett Geophysical Exploration Consultants Pty Ltd, Perth, WA.

The modelling depicts a body plunging to the northeast, with its shallowest point approximately 600 metres below surface, and a lower limit approximately at 2,200 metres below surface. The depth of the modelled source at more than 600 metres means that test drilling would be very expensive, and more data collection and interpretation was suggested before drilling is contemplated.

11.5 Geophysical review

A study of aeromagnetic and ground magnetics imagery, by consulting geophysicist Mr F Lindeman of Lindeman Geophysics Pty Ltd, Melbourne resulted in the recognition of a discrete magnetic target in the western portion of EL 7716, immediately north of Giants Reef's Marathon gold-copper prospect in Mineral Claim C1065. However, a latter reassessment downgraded this target.

A detailed record of exploration carried during the seventh year of tenure for EL 7716 is described in Giants Reef Exploration Pty Ltd report titled: Exploration Licence 7716 *Phillip Creek* Sixth Annual Report March 16th 1998 to March 15th 1999.

12. WORK DONE DURING YEAR 8

12.1 Downhole magnetic logging

Surtron Technologies of Perth, WA was engaged to carry out downhole 3-component magnetic logging of diamond drill hole WSD-1 at the Whippet south prospect. No new drill targets came from this work.

12.2 Whippet mine appraisal

Following the expiry of longstanding Mineral Lease C536, the Whippet mine area became part of EL 7716. Reports by previous companies who had explored the mine and its surroundings were examined. All geophysical information was examined at length by Lindeman Geophysics Pty Ltd. No obvious targets emerged from this study. It was, however observed that very few of the drillholes in the area reached more than 85 metres below surface. It is reasonable to assume that a deeper downward extension of the Whippet mine mineralising system exists, and this is being considered as a target for a future drilling programme, should Giants Reef be granted a tenement over former EL 7716.

Tailings remnants at the Whippet mine were sampled on a reconnaissance visit. The five samples collected were anomalous and geochemical results are tabulated below:

Sample	Au g/t	Cu ppm	Bi ppm	Fe%
450043	0.85	286	6620	13.01
450044	1.27	266	6540	14.83
450045	0.44	312	7590	17.60
450046	0.76	288	7370	15.76
450047	0.35	297	7710	16.22

No further work on the tailings is contemplated.

13. CONCLUSIONS

Targets remaining in the former EL 7716 include:

- (i) The deep magnetic source located at AMG 421500E, 7865500N.
- (ii) The two low priority magnetic targets "Whippet West" and "Olympus South".
- (iii) The "Drillsteel" ironstone exposure.
- (iv) Deep extensions of the Whippet mine mineralising system.
- (v) Various geochemical anomalies identified from Giants Reef's soil sampling in the eastern end of EL 7716, and from the shallow geochemical drilling by Uranex in the 1980's.
- (vi) The magnetic and gravity anomaly one kilometre west of the Whippet South diamond drillhole WSD-1.

Further exploration of these targets will be carried out if and when EL Applications 22589 and 22590, which cover the same area as EL 7716 (at it's expiry date) are granted.

14. REHABILITATION

Sample bags were removed from drill sites and the holes have been capped. Other work done in the licence was of minimal environmental impact and no rehabilitation was needed.

15. EXPENDITURE

The total expenditure covenant for the life of EL 7716 *Phillip Creek* was \$628,000. Actual expenditure for the term was \$583,615 and is tabulated below:

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Geology	66,709	92,145	11,567	6,018	5,922	9,432	10,785	8,981
Geophysics.....	72,079	35,636	4,847	314	4,357	1,250	17,194	19,162
Geochemistry	670	13,206	794	6,214	1,010	563	711	390
Surveying	4,110	825	-	4,423	4,657	-	2,197	-
Data integration	13,862	14,106	3,225	73	231	785	3,183	1,271
Analytical	28	2,134	-	16,340	5,056	901	2,399	30
Drilling	0	19,500	-	561	-	49,243	672	-
Tenure maintenance	1,079	3,599	1,764	1,748	665	649	2,059	1,798
Administration/Overheads.....	9,326	8,438	993	1,775	2,190	1,635	3,196	3,158
TOTAL	\$167,863	\$189,589	\$23,190	\$37,466	\$24,088	\$64,458	\$42,396	\$34,565

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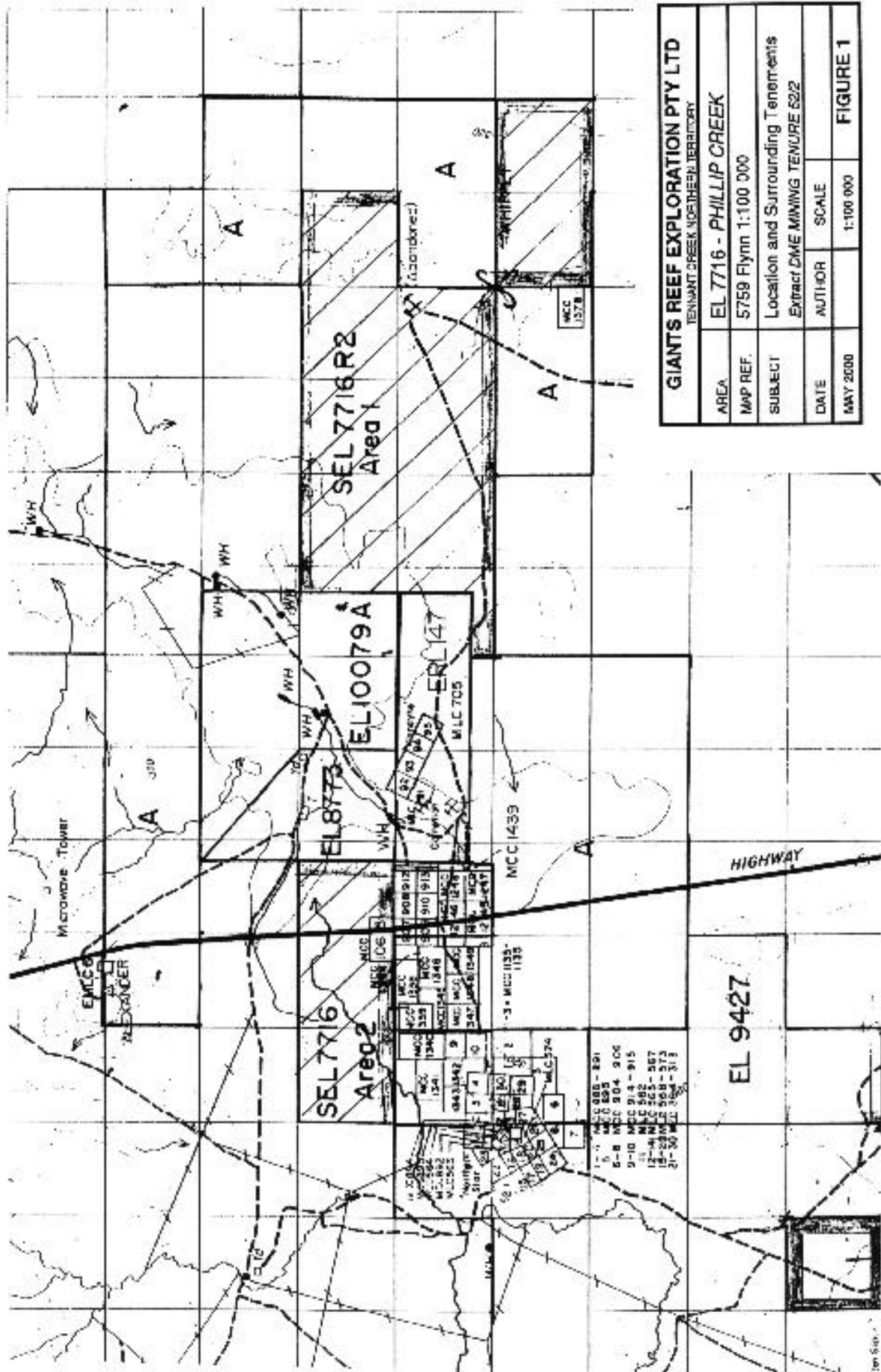


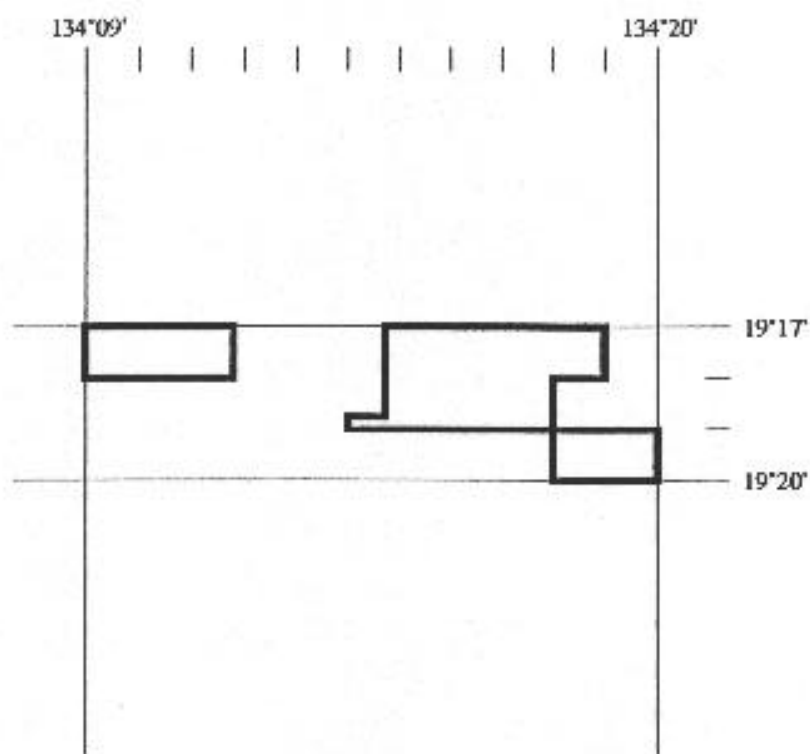
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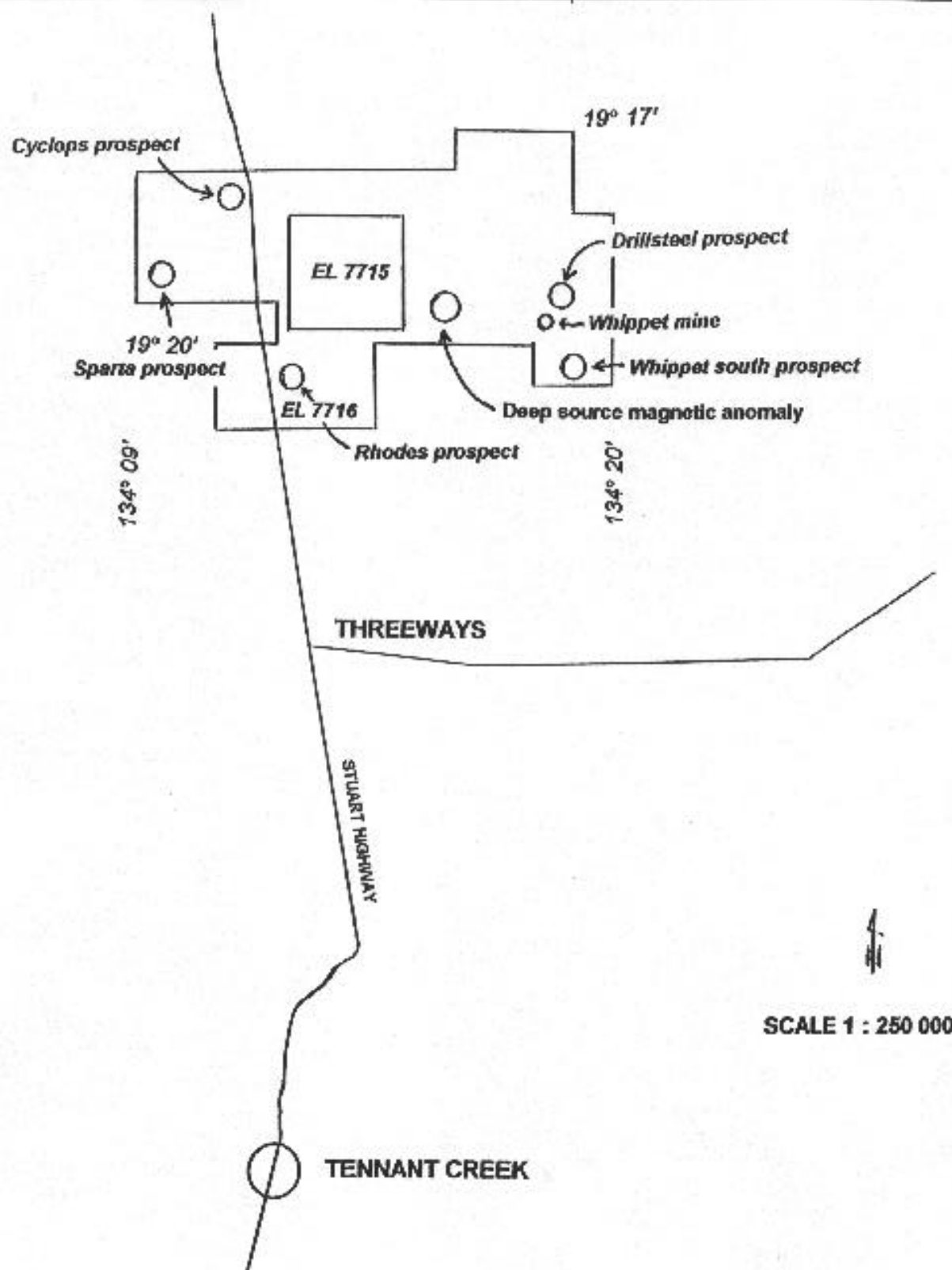
REPORT NAME:	EXPLORATION LICENCE 7716 <i>PHILLIP CREEK</i> . FINAL REPORT 16/03/92 TO 15/03/00
PROSPECT NAMES(s):	SPARTA, CYCLOPS, RHODES, WHIPPET
GROUP PROSPECT NAME:	STH, WHIPPET MINE, EXPLORER 48
TENEMENT NUMBERS(s):	PHILLIP CREEK
ANNIVERSARY DATE:	EL 7716
OWNER/JV PARTNERS:	15 MARCH 2000
AUTHOR(s):	GIANTS REEF MINING N.L.
COMMODITIES:	PG SIMPSON SC RUSSELL
MAPS 1:250 000:	GOLD, COPPER
MAPS 1:100 000:	TENNANT CREEK SE53-14
TECTONIC UNIT(s):	FLYNN 5759
STRATIGRAPHIC NAME(s):	TENNANT CREEK INLIER
AMF GENERAL TERMS:	WARRAMUNGA FORMATION
AMF TARGET MINERALS:	
AMF GEOPHYSICAL:	GOLD, COPPER, BISMUTH
AMF GEOCHEMICAL:	GRAVITY, GROUND MAGNETICS, DOWNHOLE MAGNETICS,
AMF DRILL SAMPLING:	SOIL SAMPLING, TAILINGS SAMPLING
MINES:	RC PERCUSSION DRILLING, DIAMOND DRILLING,
DEPOSITS:	
PROSPECTS:	EDNA BERYL
KEYWORDS:	SPARTA, CYCLOPS, RHODES, WHIPPET STH, WHIPPET MINE, EXPLORER 48





EL7716
14 BLOCKS
44 sq kms

GIANTS REEF EXPLORATION PTY LTD			
TENNANT CREEK NORTHERN TERRITORY			
AREA	EL 7716 - PHILLIP CREEK		
MAP REF.	5759 Flynn 1:100 000		
SUBJECT	Exploration Licence Area Extract DME Second Schedule		
DATE	AUTHOR	SCALE	
MAR 1996			FIGURE 2



GIANTS REEF EXPLORATION PTY LTD			
TENNANT CREEK NORTHERN TERRITORY			
AREA	EL 7716 - PHILLIP CREEK		
MAP REF.	5759 Flynn 1:100 000		
SUBJECT	Prospect Location Plan		
DATE	AUTHOR	SCALE	
MAY 2000	BCR	1:250 000	FIGURE 3

