RELINQUISHMENT REPORT FOR YEAR THREE EL 5106 LAKE BENNETT AREA, N.T.

15 October, 1987 to 14 October, 1990

BY
I. K. BUTLER B. APP. SC

OF
EUPENE EXPLORATION ENTERPRISES PTY LTD

FOR

FOR NICRON RESOURCES LIMITED

DARWIN SD 52-4
Noonamah 5172
Manton Dam 5172-3

Darwin, NT
December, 1990

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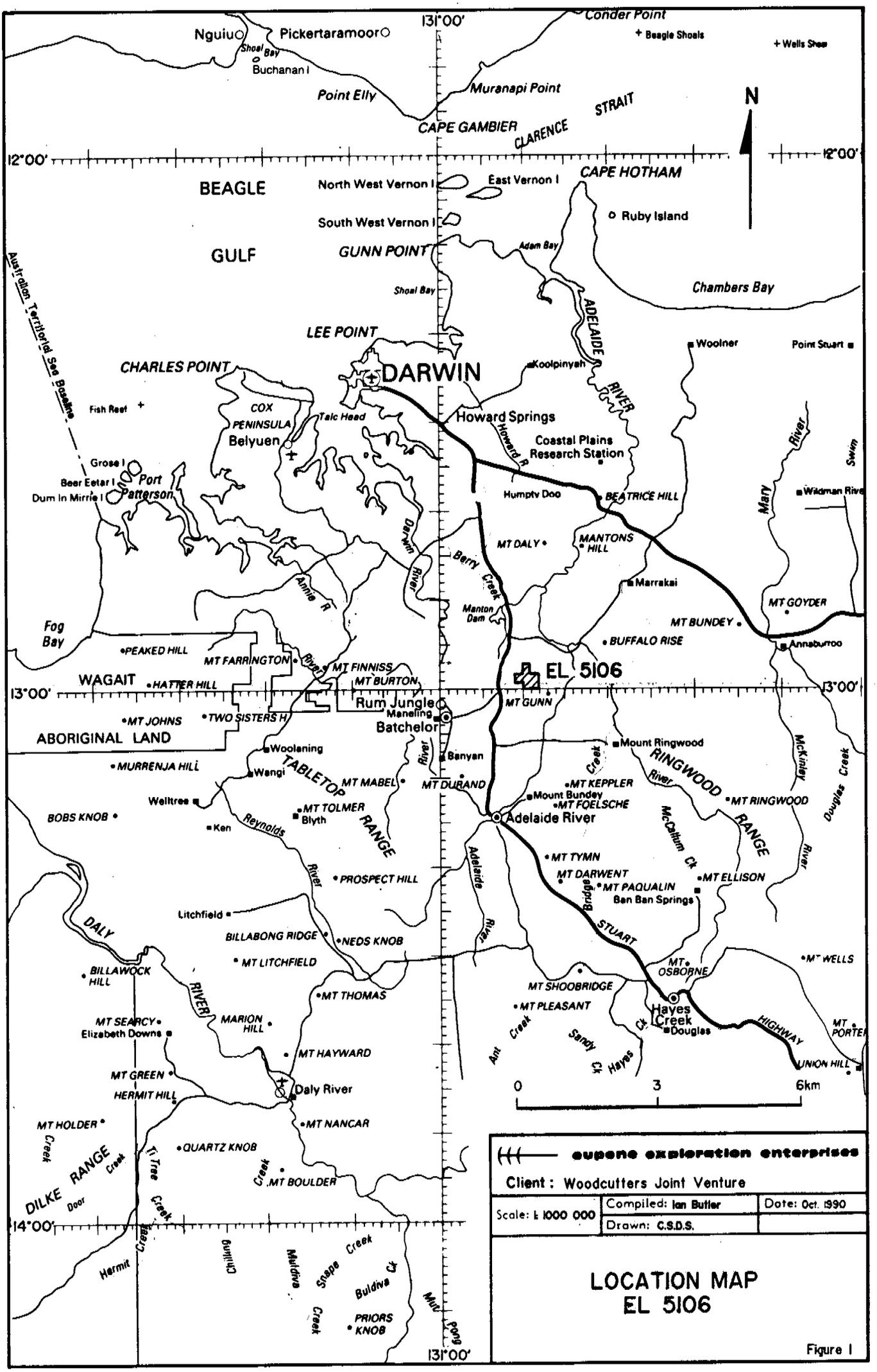
1. INTRODUCTION

Exploration Licence 5106 is located 65 kms south-east of Darwin (Figure 1) on the Manton Dam (5172-3) 1:50 000 map sheet. The centre of the licence is 6 Kms ENE of the Woodcutters Pb-Zn-Ag mine in the Lake Bennett area. Access is gained via Chinner Road from the Stuart Highway.

The Licence is a joint venture between Mr. R. M. Biddlecombe and the Woodcutters Joint Venture who are the operators.

The area has been explored primarily for gold and to a lesser extent base metal mineralisation.

The aim of this report is to present all of the work carried out and results within the area relinquished at the conclusion of Year Three of tenure.



eupene exploration enterprises

Client : Woodcutters Joint Venture

Scale: 1: 1000 000	Compiled: Ian Butler	Date: Oct. 1990
	Drawn: C.S.D.S.	

LOCATION MAP EL 5106

Figure 1

2. TENURE

Exploration Licence 5106 was granted to Mr R. M. Biddlecombe on 15 October, 1987 for a period of four years. The licence holders are presently Woodcutters Joint Venture (80%) and R. M. Biddlecombe (20%).

The relinquished area is comprised of 3 blocks (10 sq kms approx) (See figure 2).

3. SUMMARY

The relinquished area within Exploration Licence 5106 is underlain by Lower Proterozoic sediments and volcanics of the Pine Creek Geosyncline belonging to the Mount Partridge Group in the north and the overlying South Alligator Group to the south.

Literature research revealed that no previous mining was recorded in the area. Modern exploration concentrated upon uranium and base metals, with no previous systematic exploration specifically for gold. A number of geochemically anomalous (Au, Cu, Pb Zn and As) samples were recorded in the region by previous workers.

Exploration activity during the three years of tenure concentrated on reconnaissance stream sediment sampling with follow-up detailed stream sediment and rock chip sampling.

Weakly anomalous gold levels were obtained in some BCL (Bulk Cyanide Leach) stream sediment samples collected from streams draining to the east away from Lake Bennett. Subsequent check stream sediment sampling (BCL and -40/-50 mesh) and follow up rock chip sampling downgraded the BCL anomalies and failed to define high priority exploration target areas within the relinquished area.

4. CONCLUSIONS

a) Check BCL (Bulk Cyanide Leach) and detailed -40/-50 mesh stream sediment sampling downgraded the initial weakly anomalous BCL stream sediment samples collected in the Lake Bennett area.

b) Results of the stream sediment and rock chip sampling within the remainder of the relinquished area indicate there is little potential for significant gold or base metal mineralisation.

5. PREVIOUS EXPLORATION

No previous mining was recorded in the licence area. Modern exploration of the district commenced in the 1960's when the BMR discovered Pb-Zn-Ag mineralisation at the nearby Woodcutters Prospect. Exploration by the BMR and subsequent private companies was almost exclusively confined to the western side of the Stuart Highway until Magnum Explorations NL was granted EL 739 in 1974.

Exploration Licence 739 included portions of the current EL5106. Magnum Explorations conducted extensive literature research into previous work conducted by the BMR (Clark, 1975, 1976) and therefore specifically sought lead, zinc and uranium on EL 739. In 1976, Amax Exploration (Australia) Inc., carried out geological mapping reconnaissance geochemical sampling and a combined airborne radiometric and magnetic survey under a joint venture agreement with Magnum Explorations (Gellattly, 1977).

Geochemical work by Amax included stream sediment sampling (-120 and + 16 mesh fractions) and selected rock chip sampling of ferrunginous outcrops. All samples were assayed for Cu, Pb, Zn, Ni, Co, Mn and U and selected samples were also assayed for Ag. Several weakly anomalous Cu and Zn values (between 100 and 130 ppm) were found in the +16 mesh samples collected from within the EL5106 region. Follow-up sampling located further weakly anomalous Cu, Pb and Zn values from along a tributary to Otto Creek (located by current sample number 25-7-25B, 26S and LS24, Figure 2). The highest assays were 1200 ppm Zn (rock sample) and 155 ppm Zn (+16 mesh silt sample).

No uranium anomalies were located within the current EL5106 area. Further follow-up work by Amax concentrated upon areas outside EL5106 (Wyatt & Braham, 1977).

In 1979, Mines Administration Pty Ltd was granted EL1983 which covered portions of EL5106. Geological mapping, gridding, rock chip sampling and traversing were carried out in 1980 (Hamilton, 1980). Follow-up work in 1981 concentrated upon the Koolpin Formation which was considered to be the most favourable host for economic mineralisation (Hamilton, 1982), and included detailed gridding, mapping (1:2500 scale), radiometric traverses, rock chip sampling and trenching. Four trenches were excavated in the Koolpin Formation, located on radiometric anomalies. Channel samples were collected over 2m intervals and assayed for Cu, Pb, Zn, Ag, Bi, As, Sb, Hg, U. Th, Sn

and Au. No significant radiometric anomalies were located, and all gold values were less than the detection limit (0.1 ppm). Some anomalous base metal and arsenic results were obtained however, the maximum values being 0.226% Zn, 0.13% As, 480 ppm Pb and 210 ppm Cu. Seventy five rock chip samples collected from the Koolpin Formation were also assayed for the same elements, and the results included 0.4 ppm Au (three other samples attained 0.2 ppm Au), 0.4% As, 0.42% Zn, 960 ppm Pb and 360 ppm Cu.

Further follow-up work was conducted outside of the current EL5106 area where more significant anomalies were located, and the licence was finally relinquished in 1984 (Hamilton, 1984).

6. WORK CARRIED AND RESULTS

The Woodcutters Joint Venture commenced exploration of the licence area in 1988. The initial programme involved regional stream sediment sampling, (BCL - Bulk Cyanide Leach and -50 mesh) over most of the accessible areas. A total of 7 samples were collected from within the relinquished area. The -50 mesh samples were analysed for Au, Cu, Pb, Zn, Ag (AAS) and As (XRF). Anomalous gold levels (>1ppm Au) were obtained in 4 BCL samples collected from around Lake Bennett (max 3.77 ppb Au) however check BCL sampling only confirmed two of the anomalies. Analysis of the -50 mesh samples gave background levels only for all of the samples.

During Year Two, the remainder of the licence area was evaluated by regional stream sediment sampling and anomalous drainages detected during the initial programme were followed up with detailed -40 mesh stream sediment and rock chip sampling. A total of 16 stream sediment samples were collected from within the relinquished area and were analysed for Au (30 gram fire assay) Cu, Pb, Zn Ag (AAS) and As (Hydride generation - AAS finish). In addition two further BCL stream sediment samples were collected. A total of 9 rock chip samples were collected and analysed for the same suite of elements as the stream sediment samples, except for 2 samples (LB21-7-2, -3) which were analysed for Au (AAS) Cu, Pb, Zn, Ag, (AAS) and As, Te, Bi (XRF). Background levels were obtained for all elements in the stream and rock chip samples (see Appendix I) with the exception of one stream sediment samples (LS14B) which was weakly anomalous in gold (0.022 ppm) and arsenic (92 ppm). The stream drains to the east away from the Lake Bennett just below the dam wall.

During Year Three a total of 15, -40 mesh stream sediment samples were collected from within the relinquished area in order to complete the detailed stream sediment sampling programme. The samples were analysed for Au (30 gram fire assay) Cu, Pb, Zn (AAS) and As (Hydride generation - AAS finish). Background levels for all elements were obtained in the samples (See Figure 2 for sample locations and Appendix 1 for results).

7. GEOLOGY AND MINERALISATION

The relinquished area of EL5106 is comprised of Lower Proterozoic siltstones and shales of the Wildman Siltstone belonging to the Mount Partridge Group. Intercalated orthoquartzites and sandstones of the Acacia Gap Quartzite Member form prominent ridges around the periphery of Lake Bennett.

The Lower Proterozoic South Alligator Group overlies the Mount Partridge Group in the southern section. The basal unit, Koolpin Formation, comprises goethitic ironstones, paraquartzite breccia, chert breccia and siltstones with chert nodules. The overlying Gerowie Tuff consists of tuffaceous shales and siltstones, cherts and thin banded iron formation beds. The youngest unit of the South Alligator Group is the Mount Bonnie Formation which incorporates siltstones, shales, greywackes and banded iron formation beds.

Quaternary deposits and a laterite duricust also occur along most of the low-lying valleys and drainages.

The structure of the licence area is dominated by a number of major south-plunging anticlines and synclines. Many smaller scale subsidiary folds are also evident on the aerial photos. Faults appear to be generally orientated NE-SW or NW-SE, and are sometimes marked by fault breccia outcrops.

Follow-up detailed stream sediment and rock chip sampling failed to substantiate the initial weakly anomalous stream sediment BCL Au values and define high priority exploration targets within the relinquished area.

8. EXPENDITURE

Geological Consultants	$ 1130.00
Labour	$ 560.00
Drafting	$ 395.00
Consumables, maps, photocopying	$ 220.00
Analysis	$ 1060.00
Tenement	$ 185.00
Administration	$ 532.00
TOTAL	$ 4082.00

7. REFERENCES

BUTLER, I.K. 1990. Annual Report for Year Three - EL5106 Lake Bennett Area, 15th October, 1989 to 14th October 1990. Unpublished Report for the Woodcutters Joint Venture and NT Department of Mines and Energy.

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HAMILTON, K., 1982. Annual Report 1982, EL1983. Unpublished Report for CSR Ltd., *N.T. Department of Mines and Energy Library. Open File Record CR82/259 A-D.*

HAMILTON, K., 1984. Exploration Licence 1983, Woodcutters, Northern Territory, Darwin 1:250 000 sheet, Final Report. Unpublished Report for CSR Ltd., Aluminium, Minerals and Chemical Division, Exploration Group. *N.T. Department of Mines and Energy Library. Open File Record CR84/93.*

ORMSBY, W.R., 1988. Annual Report for Exploration Licence 5106, Lake Bennett Area, 15th October, 1987 to 14th October, 1988. *NT Department of Mines and Energy Library Open File Record CR89/029*AB. Unpublished.

SMITH, S.R. 1989. Annual Report for Year Two, EL 5106. Lake Bennett Area, 15th October, 1988 to 14th October, 1989. Unpublished Report for the Woodcutters Joint Venture and NT Department of Mines and Energy.

WYATT, D.H. & BRAHAM, B. 1988. Assessment Report on EL's 995, 739 and Adjoining Areas of the Daly Range - Adelaide River area, Northern Territory (In agreement with Magnum Explorations NL). Unpublished Report for Amax Exploration - Magnum Exploration Joint Venture. *NT Department of Mines and Energy Library, Open File Record CR78/54.*

APPENDIX I

ASSAY RESULTS

ANALABS
A Division of Inchcape Inspection and Testing Services (Australia) Pty. Ltd.
A Division of Inchcape Inspection and Testing Services

(089) 47 2355 | Cnr Coonawarra & Mataram Rds, Winnellie | Fax: (089) 84 3984

ANALYTICAL REPORT No. 330.0.21.04093

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

WOODCUTTERS JOINT VENTURE
PRIVATE MAIL BAG 60

WINNELLIE NT 0821

ORDER No.	PROJECT
17882	

DATE RECEIVED	RESULTS REQUIRED
27/10/89	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
1	07/11/89	1	17

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
22832/48	RC Prep: 006,009,012,013,017	Au,Au(1),Au(2)/309
22832/48	RC	Cu,Pb,Zn,Ag/101
22832/48	RC	As/114
22832/48	RC	As/101

REMARKS

RECEIVED
9 NOV 1989
BY MAIL

RESULTS TO:

S.SMITH
WOODCUTTERS JOINT VENTURE
PMB 60

WINNELLIE NT 0821

RESULTS TO:

RESULTS TO:

AUTHORISED OFFICER

ANALABS

A Division of Inchcape Inspection and Testing Services Australia Pty Ltd

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	330.0.21.04093	07/11/89	17882	1 OF 1

TUBE No.	SAMPLE No.	Cu	Zn	As	As	Ag	Au	Pb	Au(1)	Au(2)
1	22832	25	5	-	73	<0.5	<0.008	5	-	-
2	22833	50	235	-	78	<0.5	0.010	10	-	-
3	22834	15	35	-	25	<0.5	0.012	5	-	-
4	22835	10	20	-	11	<0.5	0.009	5	-	-
5	22836	30	20	-	51	<0.5	0.016	15	-	-
6	22837	20	10	-	14	<0.5	<0.008	5	-	-
7	22838	15	<5	-	16	<0.5	0.010	10	-	-
18										
19										
20										
21										
22										
23	DETECTION	5	5	100	1	0.5	0.008	5	0.008	0.008
24	UNITS	PPM	PPM	ppm	ppm	PPM	PPM	PPM	PPM	PPM
25	METHOD	101	101	101	114	101	309	101	309	309

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Results in ppm unless otherwise specified.
Tr = element present but concentration too low to measure.
N/A = element concentration is below detection limit.
---- = element not determined.

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ANALYTICAL REPORT No. 90.0.21.04543

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ORDER No.	PROJECT
13643/44	

DATE RECEIVED	RESULTS REQUIRED
17/09/90	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
6	21/09/90	1	15

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
KLBS 10,01/15	SS Prep: 829	Au/389,Au/CAL,Au(R),Au(S)/389
KLBS 10,01/15	SS	Cu,Pb,Zn,Ag/140
KLBS 10,01/15	SS	As/114
Various	RO Prep: 819	Au,Au(R),Au(S)/329
Various	RO	Pb,Zn,Cu,As,Ag,Co,Fe,Ni,Mn/140

REMARKS

RESULTS TO
IAN BUTLER
WOODCUTTERS JOINT VENTURE
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WINNELLIE N.T. 0821

RESULTS TO

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	330.0.21.04543	21.[illegible]/90	23643/44	1 OF [illegible]

UBE No.	SAMPLE No.	Mn	Fe	Co	Ni	Cu	Zn	As	As	Ag
1	LBS 1001	–	–	–	–	–	10	2	–	0.5
2	LBS 1002	–	–	–	–	.0	10	3	–	0.5
3	LBS 1003	–	–	–	–	.0	10	5	–	0.5
4	LBS 1004	–	–	–	–	.0	10	2	–	0.5
5	LBS 1005	–	–	–	–	.0	5	3	–	0.5
6	LBS 1006	–	–	–	–	.0	10	6	–	1.0
7	LBS 1007	–	–	–	–	.0	5	6	–	0.5
8	LBS 1008	–	–	–	–	.0	10	5	–	0.5
9	LBS 1009	–	–	–	–	.0	20	8	–	0.5
10	LBS 1010	–	–	–	–	.0	20	9	–	0.5
11	LBS 1011	–	–	–	–	.0	5	24	–	0.5
12	LBS 1012	–	–	–	–	.0	<5	17	–	0.5
13	LBS 1013	–	–	–	–	.0	5	4	–	0.5
14	LBS 1014	–	–	–	–	.0	5	4	–	0.5
15	LBS 1015	–	–	–	–	.0	10	6	–	0.5

ANALABS
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03 OCT 1989

ANALYTICAL REPORT No. 330.0.21.03912

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ORDER No.	PROJECT
17157	

DATE RECEIVED	RESULTS REQUIRED
14/09/89	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
2	30/09/89	1

TOTAL No. OF SAMPLES: 26

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
22768/70	RC Prep: 006,009,012,017	Au,Au(1),Au(2)/309
LS ,9,10/13,14 A,14 B,15/30	SO Prep: 006,013,017	Au,Au:R/326
LS ,9,10/13,14 A,14 B,15/30	SO	As/114

REMARKS

RESULTS TO:

S.SMITH
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RESULTS TO:

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03 OCT 1989

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	330.0.21.03912	30/09/89	17157	1 OF 2

TUBE No.	SAMPLE No.	As	Au	Au	Au(1)	Au(2)	Au(R)			
4	LS 9	16	–	0.001	–	–	0.002			
5	LS 10	10	–	0.001	–	–	–			
6	LS 11	6	–	0.001	–	–	–			
7	LS 12	29	–	0.001	–	–	–			
8	LS 13	32	–	0.012	–	–	–			
9	LS 14 A	10	–	0.001	–	–	–			
10	LS 14 B	92	–	0.022	–	–	–			
11	LS 15	4	–	0.002	–	–	–			
12	LS 16	5	–	<0.001	–	–	–			
13	LS 17	8	–	0.005	–	–	–			
14	LS 18	3	–	<0.001	–	–	–			
15	LS 19	2	–	0.001	–	–	–			
16	LS 20	9	–	0.001	–	–	–			
17	LS 21	5	–	<0.001	–	–	–			
18	LS 22	11	–	0.002	–	–	–			

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ANALYTICAL REPORT No. 330.0.21.04080

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ORDER No.	PROJECT
17790	

DATE RECEIVED	RESULTS REQUIRED
24/10/89	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
2	31/10/89	1	26

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
Various	PU	Ag,Cu,Pb,In/101

RESULTS TO

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WOODCUTTERS JOINT VENTURE
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RESULTS TO

RESULTS TO

REMARKS

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RECEIVED 3 NOV 1989

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER	PAGE
	330.0.21.04080	31/10/89	17790 BY MAIL	1 OF 2

TUBE No.	SAMPLE No.	Cu	Zn	Ag	Pb					
4	LS 9	60	15	<0.5	<5					
5	LS 10	25	<5	1.0	5					
6	LS 11	20	<5	1.0	10					
7	LS 12	10	<5	<0.5	<5					
8	LS 13	25	30	<0.5	20					
9	LS 14 A	25	<5	<0.5	5					
10	LS 14 B	30	100	<0.5	50					
11	LS 15	15	<5	<0.5	5					
12	LS 16	25	<5	<0.5	5					
13	LS 17	35	<5	<0.5	10					
14	LS 18	20	<5	<0.5	5					
15	LS 19	35	<5	<0.5	5					
16	LS 20	45	<5	<0.5	10					
17	LS 21	15	<5	<0.5	<5					
18	LS 22	35	<5	<0.5	5					

19 SEP 1989

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ANALYTICAL REPORT No. 330.0.21.03885

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WINNELLIE NT 0821

ORDER No.	PROJECT
17120	

DATE RECEIVED	RESULTS REQUIRED
09/09/89	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
1	16/09/89	1

TOTAL No. OF SAMPLES: 8

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
LS 1/8	SO	As/114,Pb,Ag,Zn,Cu/101

REMARKS

RESULTS TO:

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PMB 60

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	330.0.21.03885	15/09/89	17120	1 OF 1

TUBE No.	SAMPLE No.	Cu	Zn	As	Ag	Pb				
4	LS 4	30	55	2	<0.5	15				
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION	5	5	1	0.5	5				
24	UNITS	ppm	ppm	ppm	ppm	ppm				
25	METHOD	101	101	114	101	101				

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

AUTHORISED OFFICER

CLASSIC COMLABS LTD

Analytical Laboratories (INC. IN W.A.)

Marjorie Street, Berrimah, Northern Territory 0828
P.O. Box 58, Berrimah, Northern Territory 0828
Telephone: (089) 32 2669; Fax: (089) 32 3531

31st August 1988

Our Ref : 8DN0129

REPORT NUMBER 8DN0129

CLIENT	:	Woodcutters Joint Venture
CLIENT REFERENCE	:	Order Number 11657
REPORT COMPRISING	:	Cover Page Pages G1 - G4
DATE RECEIVED	:	28th July 1988

Alan Ciplys
Manager
CLASSIC COMLABS LTD. (N.T.)

This report relates specifically to the sample(s) tested in so far as that the sample(s) is truly representative of the sample source as supplied.

CLASSIC COMLABS LTD

Analysis code AAS8
AAS1/2

Report 8DN0129

Order No. 11657

Results in ppm

Sample	Au	Cu	Pb	Zn	Ag
LB 21-7-2	<0.01	50	<5	27	<1
LB 21-7-3	<0.01	76	12	24	<1
Detn limit	(0.01)	(2)	(5)	(2)	(1)

CLASSIC COMLABS LTD

Analysis code AAS10
AAS1/2

Report 8DN0129

Order No. 11657

Page G2

Results in ppm

Sample	Au	Cu	Pb	Zn	Ag
LB 25-7-20S	0.003	13	7	11	<1
LB 25-7-22S	0.003	20	19	13	<1
LB 25-7-24S	0.002	11	6	11	<1
LB 25-7-26S	0.003	27	7	11	<1
LB 25-7-28S	0.002	25	8	23	<1
LB 26-7-38S	0.002	12	<5	7	<1
LB 26-7-42S	0.003	17	<5	14	<1
Detn limit	(0.001)	(2)	(5)	(2)	(1)

CLASSIC COMLABS LTD

ANALYSIS

SAMPLE MARK	As ppm	Te ppm	Bi ppm
LB21-7-2	20	<10	20
LB21-7-3	140	<10	16

METHOD : XRF1

ANALYSIS

SAMPLE MARK	As ppm
L825 LB22-7-20S	7
L825 LB22-7-22S	11
L825 LB22-7-24S	9
L826 LB22-7-26S	20
L825 LB22-7-28S	17
L826 LB22-7-38S	13
L826 LB22-7-42S	26

METHOD : XRF1

ANALYSIS REPORT

Australian Assay Laboratories Group

REPORT: PC 12783

Sample	AuCN*
LB 25-7-19B	0.6
LB 25-7-21B	0.9
LB 25-7-23B	0.3
LB 25-7-25B	1.3
LB 25-7-27B	1.3
LB 26-7-37B	0.6
LB 27-7-41B	3.9

Data in ppm unless otherwise stated. * see units on flysheet

WOODCUTTERS MINE - DRILLHOLE ASSAYS

LABORATORY....ATTN: WARREN..... DATE OF ANALYSIS. 1:11:88.....

Sample No.	Intervals From	To	M	%	Pb%	Zn%	Ag g/t	Fe%	Sb%	As%	Hole No. S-GEO... Page 1 of 1.. % Cu
S12					7ppm 0.07	22ppm 0.07	<1ppm 25	1.83	0.08	11 —	15ppm 0.015
S14					9 —	20 0.06	<1 25	2.30	0.07	42 0.10	15 0.014
S15					<5 —	14 0.07	<1 25	1.90	0.05	26 0.09	17 0.015
S16					7 0.06	11 0.07	25	1.17	0.06	20 0.13	27 0.016
S17					8 0.06	23 0.08	<1 20	1.27	0.06	17 0.08	25 0.013

ANALYSIS REPORT

Assay Laboratories Group

PINE CREEK: Lot 174 Hard St,Pine Creek 0847
PO Box 41, Pine Creek 0847
Ph (089)761 262 Fax 761 310

WOODCUTTERS JOINT VENTURE

REPORT : PC 014236 : 1 Page(s) : Date : 08/11/88

Client reference :

Cost code :

Copies to :

Samples : Type : Preparation code
Received : 24/10/88

Analysis	Code	Quality Parameter	Detection	Units
AuCN	BCL	Prec.±10 %	0.1	PPB

Laboratory Manager : Graeme Caplan

ANALYSIS REPORT

Assay Laboratories Group

REPORT : PC 014236

Sample	AuCN*
B 12	<0.1
B 14	1.4
B 15	0.8
B 16	0.2
B 17	1.6
B 15A	3.7

Data in ppb unless otherwise stated * see unit on fly sheet.

WOODCUTTERS MINE - DRILLHOLE ASSAYS

LABORATORY....ATTN.: WARREN.....

DATE OF ANALYSIS. 1:11:88.....

Sample No.	Intervals From	To	M	%	Pb%	Zn%	Ag g/t	Fe%	Sb%	As%	Hole No. S-GEO... Page 1.. of 1.. 0/0 Cu
S12					7ppm 0.07	22ppm 0.07	<1ppm 25	1.83	0.08	11 —	15ppm 0.015
S13					0.06	0.07	25	1.99	0.08	11ppm 0.11	0.015
S14					9 —	20 0.06	<1 25	2.30	0.07	42 0.10	15 0.014
S15					<5 —	14 0.07	<1 25	1.90	0.05	26 0.09	17 0.015
S16					7 0.06	11 0.07	25	1.17	0.06	20 0.13	27 0.016
S17					8 0.06	23 0.08	<1 20	1.27	0.06	17 0.08	25 0.013

ANALYSIS REPORT

27 SEP 1989

Australian Assay Laboratories Group

PINE CREEK: Lot 174 Ward St,Pine Creek 0847
PO Box 41, Pine Creek 0847
Ph (089)761 262 Fax 761 310

WOODCUTTERS JOINT VENTURE

REPORT : PC 020029 1 Page(s) Date :

Client reference :

Cost code : NIL GIVEN

Copies to : MINE GEOLOGIST

Samples : Type Preparation code
Received : 11/09/89

Analysis	Code	Quality Parameter	Detection	Units
AuCN	BLEG	Prec.±10 %	0.1	ppb

Laboratory Manager : Greg Walker

ANALYSIS REPORT

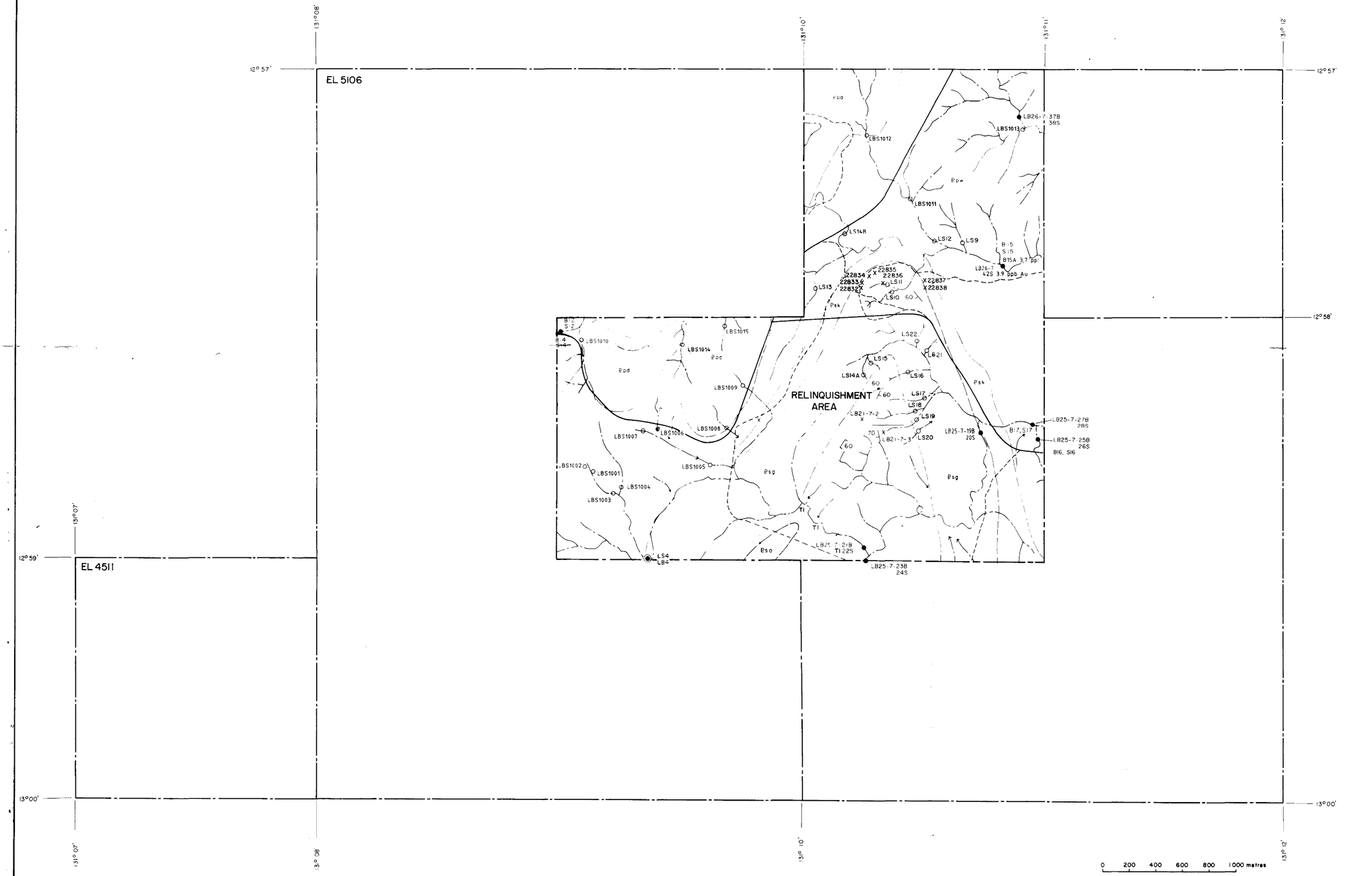
27 SEP 1989

Assay Laboratories Group

REPORT : PC 020029

Sample	AuCN*
LB 4	<0.1

Data in ppm unless otherwise stated * see unit on fly sheet.



FINNISS RIVER GROUP

SOUTH ALLIGATOR GROUP

MOUNT PARTRIDGE GROUP

Burrell Creek Formation Pfb	Siltstone, shale, greywacke
Mount Bonnie Formation Pso	Siltstone, shale, banded iron formation, greywacke, rare chert
Gerowie Tuff Psg	Tuffaceous shale and siltstone argillite, chert, thin banded iron formation beds
Koolpin Formation Psk	Geothitic ironstone, paraquartzite breccia, chert breccia, siltstone with chert nodules
Wildman Siltstone	Shale and argillite
Mt Deane Volcanic Mbr Ppd	Altered basic volcanics
Acacia Gap Quartzite Mbr Ppa	Orthoquartzite, sandstone, interbedded shale or argillite

- River, creek, drainage
- Track
- Main roads
- Inferred formation boundary (mainly airphoto interpretation, some ground traverses and after Geology of the Rum Jungle Region, 1:100000 Map) BMR
- 60 Bedding
- 60 Cleavage
- 60 Major joint direction
- BCL sample location
- (0.05) Au in ppb
- -40mesh silt sample location
- x Rock chip sample location
- Qa alluvium/colluvium
- TI - laterite duricrust

MAG. NTH.

CR91/062

eupene exploration enterprises

Client: Woodcutters Joint Venture

Scale: 1:15000 | Compiled: I Butler | Date: Dec 1990 | Drawn: C.S.D.S.

EL 5106
YEAR THREE RELINQUISHMENT AREA SAMPLE LOCATION AND INTERPRETED GEOLOGY MAP

Figure 2