BURMINE

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EL 4165

REPORT ON AREA RELINQUISHED

ON 8TH JUNE 1988

OPEN FILE

D.N. CARTER
SEPTEMBER, 1988

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OPEN FILE

GSB 88/311

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3	Prospect and Sample Locations	1:10,000
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5	Sunday Two Prospect	1:2,000

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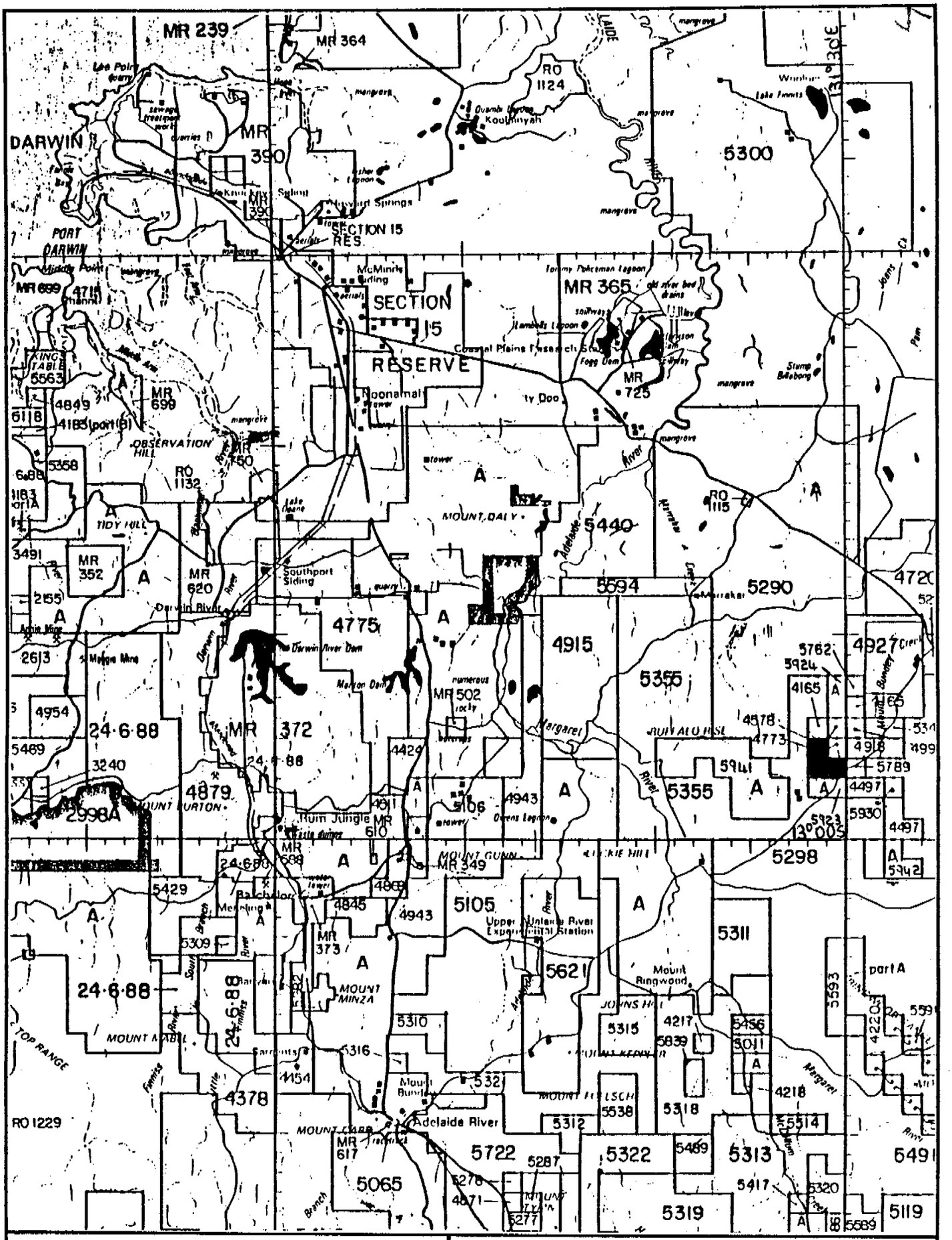
SUMMARY

Programmes of geological mapping, rock chip and stream sediment sampling have been carried out over the three blocks subject to this report. No zones of anomalous geochemistry and no significant areas of alteration or quartz veining were detected. As such this portion of the EL was relinquished.



BURMINE LIMITED

GEO:	PR
DRN:	-
SCALE:	1:500,000
DATE:	June 1988
DWG.N°:	

EXPLORATION LICENCE 4165

MARRAKAI CREEK Relinquished Area

NORTHERN TERRITORY

LOCATION MAP

fig. 1.

1. INTRODUCTION

EL 4165 was granted to Euralba Mining Limited on 9 June, 1983. In June 1987, Burmine Limited entered into a joint venture with Euralba and assumed management of the project at that time.

The licence is located about 12 kms SW of Mt. Bundey, which in turn is about 100 km SE of Darwin (fig. 1).

This report covers the work carried out on the three relinquished blocks of the EL. The data has been compiled from reports submitted by WJ & EE Fisher Pty. Ltd., on behalf of Euralba, and from previous Burmine reports on the area.

2. GEOLOGY

The EL lies within highly folded Early Proterozoic sediments. The central and southern portion of the licence are underlain by Burrell Creek Formation while the northern blocks are underlain by Mount Bonnie Formation and Gerowie Tuff.

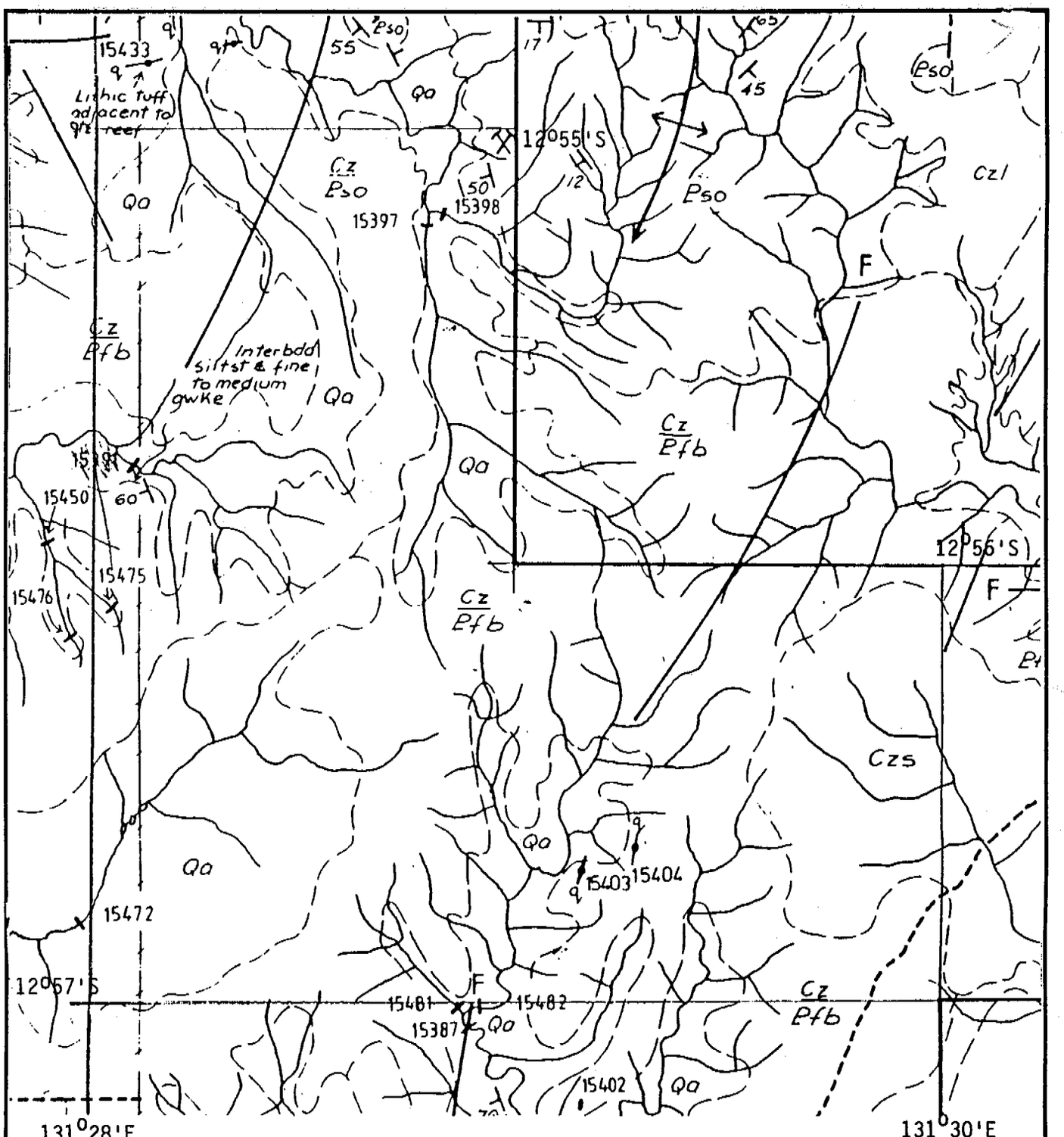
The area relinquished is flat and mainly covered by Cainozoic sediments. These are underlain predominantly by sediments of the Burrell Creek Formation (fig. 2), with some lithic tuffs noted in the northern section. These are considered part of the Mt. Bonney Formation.

Major structural trends strike E-W and NNE-SSW to N-S. These are reflected by the direction of quartz veins in the area. Some veins however are folded and therefore predate the last structural event.

3. WORK COMPLETED

While an extended programme of exploration has been carried out throughout the EL, only two field programmes have been completed in the area relinquished.

1986-87	:	stream sediment sampling rock chip sampling
1987-88	:	geological mapping rock chip sampling



LEGEND

Finniss River Gp — Psb — Burrell Creek Formation

South Alligator Gp — Pso — Mt. Bonnie Formation

15475 — Stream sediment sample

Rock chip sample

0 0.5 1 Kilometres

Scale

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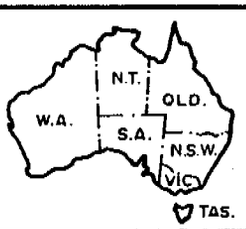


GEO:	GWP
DRN:	PR/WSP
SCALE:	1:25,000
DATE:	Sept. 1988
DWG.N°:	

EL 4165

MARRAKAI CREEK N.T.

Rellinquished Area

BASIC GEOLOGY & STREAM SEDIMENT SAMPLE LOCATIONS

Fig. 2.

4. RESULTS

4.1 STREAM SEDIMENT GEOCHEMISTRY

Figure 2 indicates that about 12, -80# stream sediment samples were collected in, or immediately adjacent to the relinquished blocks.

Results are generally low, with most returning 0.001 - 0.02 ppm Au. In absolute terms none of the results are considered highly anomalous, with sample 15391 returning the maximum value of 0.035 ppm. This however, is above average for this data set. In support of this high value is sample 15393 (0.028 ppm Au) taken about 1 km down stream of 15391.

Results from the samples taken from streams draining the northern and southern portions of these blocks gave background values only.

4.2 GEOLOGICAL MAPPING & ROCK GEOCHEMISTRY

1:10,000 mapping was completed over the EL (fig. 3).

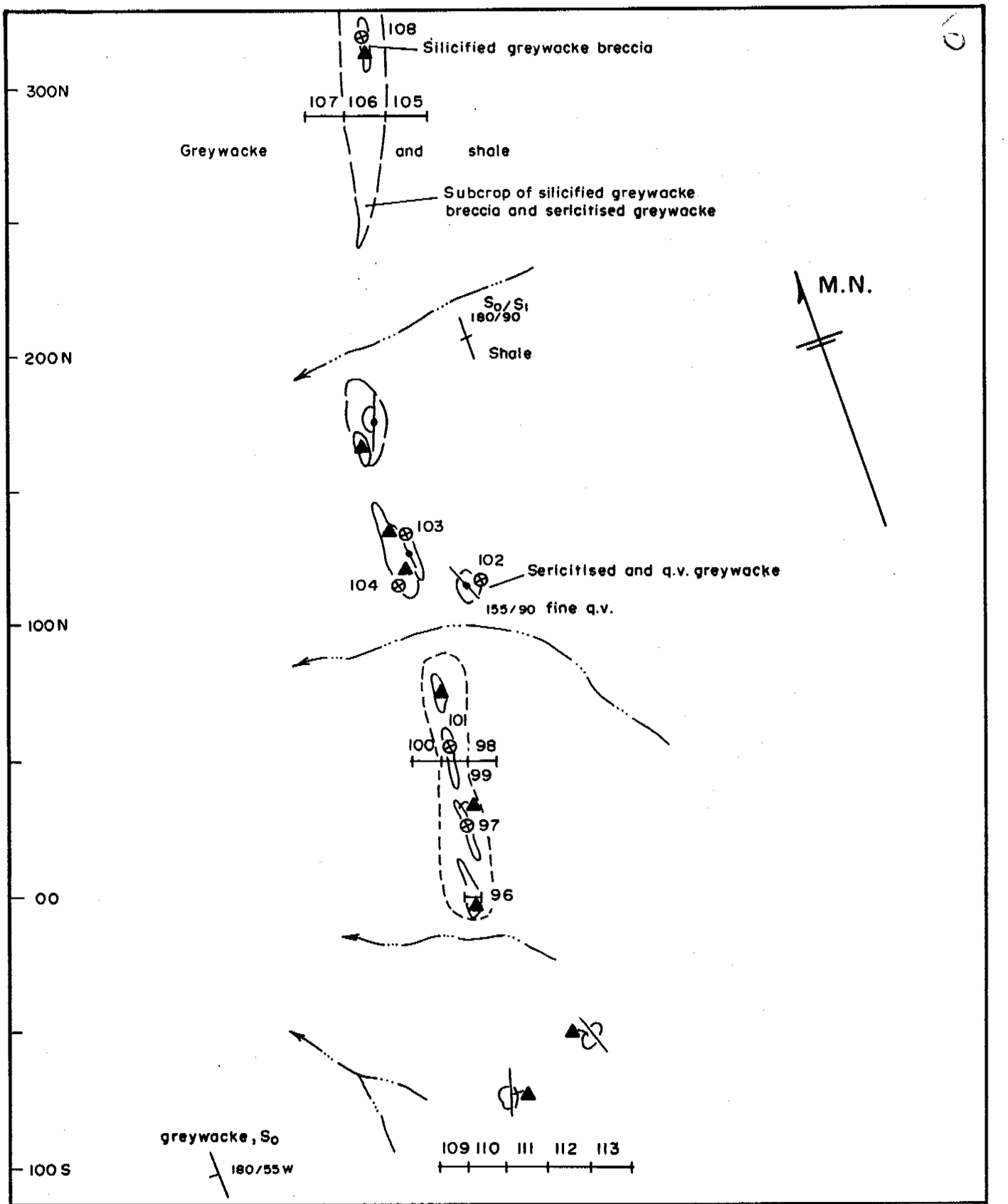
The Sunday One, Sunday Two and portion of the Friday One Prospect lie within the relinquished area.

SUNDAY ONE PROSPECT is located in the south of the licence and is centred on a quartz vein striking NNE - SSW. This represents one of the major structured directions in the area and was traced on the licence for over 1 km. Detailed mapping of a 400m section of the structure (fig. 4,) indicates that the quartz lies within a silicified breccia zone.

Thirteen samples were taken from the mapped area while an additional thirteen were taken from the regions as a whole. Samples 87/108 and 87/89 returned 0.6 and 1.4 g/t Au respectively, while all other samples returned <0.06 g/t Au.

SUNDAY TWO PROSPECT is a north-south trending quartz/breccia lode, mapped over a strike length of 250m (fig. 5). Results from 9 rock chip samples ranged from 0.04 to 0.5 g/t Au. Three samples from the main, central quartz rich outcrop averaged 0.29 g/t Au. Wall rocks to the breccia zone gave values below 0.05 g/t AU.

FRIDAY ONE PROSPECT lies on the western boundary of the EL and forms part of a major E-W trending structural domain. Eight samples from the prospect returned values ranging between 0.02 and 0.2 g/t Au.



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Compiled, R.G. Bluck

Drawn, INTO Drafting

Scale, 1:2000

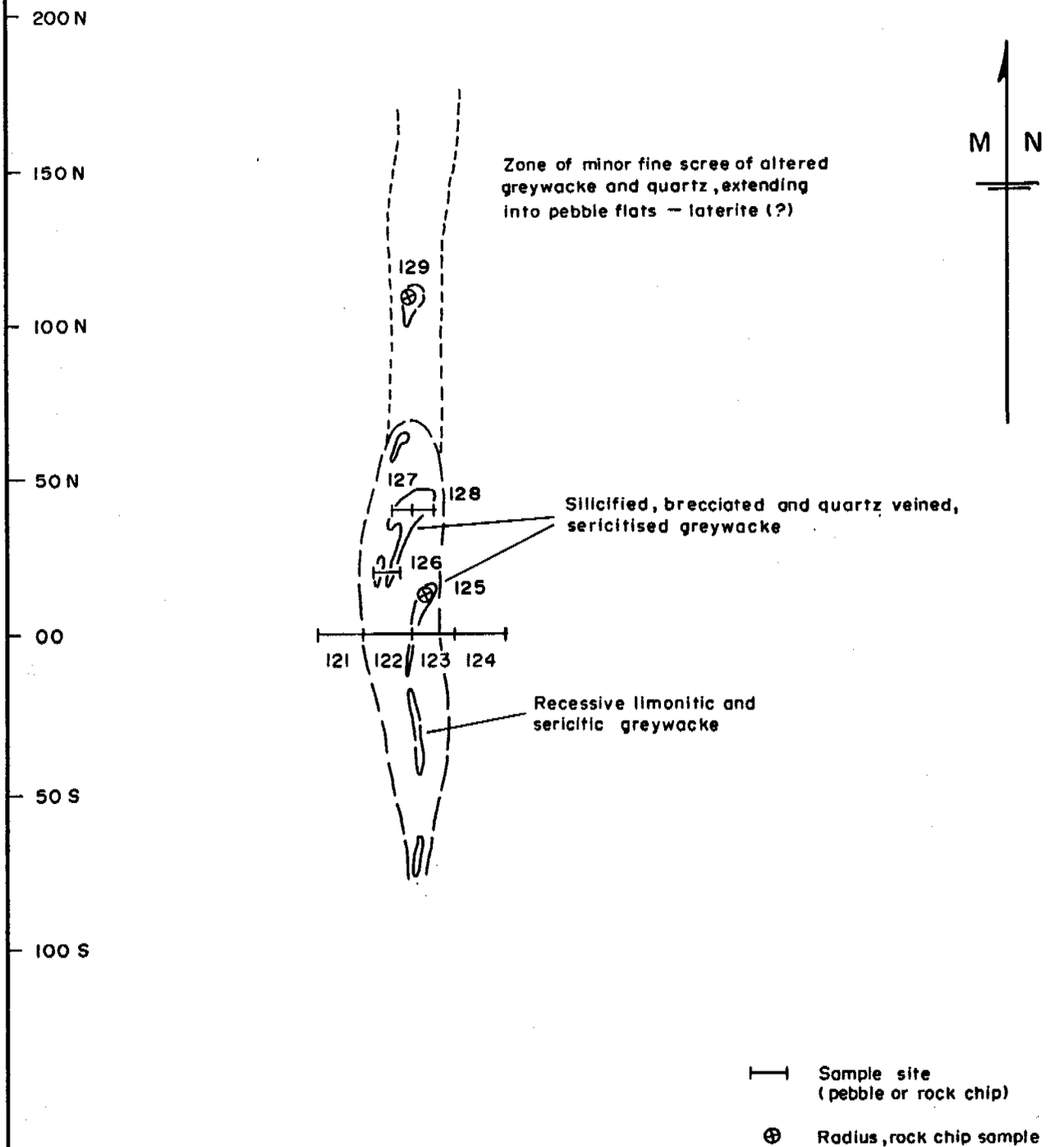
Date, Jan. 1988

EXPLORATION LICENCE 4165 M

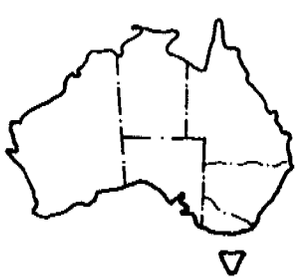
MARRAKAI CREEK

SUNDAY ONE PROSPECT

fig. 4.



BURMINE LIMITED



Compiled, R.G. Bluck
Drawn, INTO Drafting
Scale, 1: 2000
Date, Jan. 1988

EXPLORATION LICENCE 4165 M

MARRAKAI CREEK

SUNDAY TWO PROSPECT

fig. 5.

5. CONCLUSIONS

Results from the stream sediment and rock chip sampling programme gave negative results. None of the prospects in the area are considered to warrant follow up. As such, the ground has been relinquished.

BIBLIOGRAPHY

Carter D.N., 1988, EL 4165, Year 5 Report, Burmine Report.

Fisher W.J., 1987, EL 4165, Year 4 Report, Euralba Mining Ltd. Report.

APPENDIX 1

ASSAY RESULTS

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.
52 Murray Road, Welshpool W.A. 6106
Phone (09) 458 7999 Telex AA92560

ANALYTICAL REPORT No. 1000.0.01.45299

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

W J Fisher
GPO Box 3167

Darwin
NT 5794

ORDER No. | PROJECT: EL 4165

DATE RECEIVED: 30/07/86 | RESULTS REQUIRED: ASAP

No. OF PAGES OF RESULTS: 1 | DATE REPORTED: 06/08/86 | No. OF COPIES: 1

TOTAL No. OF SAMPLES: 11

REFER BELOW	SAMPLE NUMBERS	PRE-TREATMENT: DRY	CRUSH	SPLIT	PULVERISE	SIEVE	OTHER SEE REMARKS	NONE	ANALYSIS: REFER TO ANALYSIS SECTION	PREPARATION	METHOD
	15379/88 .Blank				1				Au		334

RESULTS TO: as above

RESULTS TO:

REMARKS

STATE OF SAMPLES

core WC
re SC
CU
Rd
SO
PU
WA
TI
sediment SS
mineral HM

ANALYSIS — PREPARATION

perchloric acid A1
hydrochloric acid A2
nitric acid A3
aqua regia A4
nitric-perchloric A5
HF mixture A6
HF under pressure A7
fusion A8
cold acid CA
specific sulphide SS
other mixed acids Ma
alkaline attack AA
volatilization VO
ignition IG
pressed powder (XRF) PP
glass fusion (XRF) GF

ANALYSIS — METHOD

atomic absorbtion AAS
x-ray fluorescence XRF
spectrophotometry SPEC
colorimetry COL
chromatography CHR
titration TTN
other chemicals means CHEM
miscellaneous MISC
fluorescence FLUOR
inductively coupled plasma ICP

ANALABS

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	1000.0.01.45299	06/08/86	EL4165	1 OF 1

UBE No.	SAMPLE No.	Au STREAM
1	.Blank	0.001
2	15379	0.003
3	15380	0.086
4	15381	0.004
5	15382	0.012
6	15383	0.004
7	15384	0.002
8	15385	0.003
9	15386	0.028
10	15387	0.016
11	15388	0.027
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23	DETECTION	0.001
24	DIGESTION	
25	METHOD	334

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 M. Kennedy

ANALABS

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ANALYTICAL REPORT No. 1000.0.01.45333

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W J Fisher Pty Ltd
GPO Box 3167

Darwin
NT 5794

ORDER No.:

PROJECT: [redacted] 4165

DATE RECEIVED: 01/08/86

RESULTS REQUIRED: ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
2	06/08/86	1	23

REFER BELOW	SAMPLE NUMBERS	PRE-TREATMENT: DRY	CRUSH	SPLIT	PULVERISE	SIEVE	OTHER SEE REMARKS	NONE	ANALYSIS: REFER TO ANALYSIS SECTION	PREPARATION	METHOD
	15401/15423 15401-405 } EL4165- 15422-423 } [redacted]				1				Au		309

RESULTS TO: as above

RESULTS TO:

REMARKS

STATE OF SAMPLES

[illegible]ole core	WC
[illegible]t core	SC
[illegible]ing	CU
[illegible]	Ro
[illegible]	SO
lp	PU
[illegible]er	WA
[illegible]ue	TI
[illegible]am sediment	SS
[illegible]avy mineral	HM

ANALYSIS — PREPARATION

perchloric acid	A1	cold acid	CA
hydrochloric acid	A2	specific sulphide	SS
nitric acid	A3	other mixed acids	Ma
aqua regia	A4	alkaline attack	AA
nitric-perchloric	A5	volatilization	VO
HF mixture	A6	ignition	IG
HF under pressure	A7	pressed powder (XRF)	PP
fusion	A8	glass fusion (XRF)	GF

ANALYSIS — METHOD

atomic absorbtion	AAS
x-ray fluorescence	XRF
spectrophotometry	SPEC
colorimetry	COL
chromatography	CHR
titration	TTN
other chemicals means	CHEM
miscellaneous	MISC
fluorescence	FLUOR
inductively coupled plasma	ICP

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

		1000.0.01.45333	08/08/86	EL 3298 4165	1 OF 2

TUBE No.	SAMPLE No.	Au ROCKCHIP	Au CHECK	Au(1) CHECK	Au(2) CHECK	Au(1) CHECK	Au(2) CHECK	RE		
1	15401	0.017	–	–	–	–	–	EL4165		
2	15402	0.008	–	–	–	–	–	"		
3	15403	0.083	–	–	–	–	–	"		
4	15404	x	–	–	–	–	–	"		
5	15405	x	–	–	–	–	–	"		
6	15406	0.050	–	–	–	–	–			

2	15422	0.008	–	–	–	–	–	EL4165		
3	15423	4.830	–	1.500	3.170	–	–	"		
4										
5										

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

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ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

		1000.0.01.45333	08/08/86		2 OF 2

TUBE No.	SAMPLE No.	Au	Au	Au(1)	Au(2)	Au(1)	Au(2)			
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION	0.008	5.00	0.008	0.008	2.0	2.0			
24	DIGESTION									
25	METHOD	309	310	309	309	310	310			

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

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	1000.0.01.45423	08/08/86	EL4165	1 OF 1

BE No.	SAMPLE No.	Au ROCK CHIP								
1	15424	x								
2	15427	x								
3	15429	0.900								
4	15430	x								
5	15431	x								
6	15432	0.133								
7	15433	0.017								
8	15434	x								
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION	0.008								
24	DIGESTION									
25	METHOD	309								

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 M. Bromley

ANALABS

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	1000.0.01.45421	11/08/86	EL 4165	2 OF 2

UBE No.	SAMPLE No.	Au STREAM
1	WJF 15377	0.036
2	WJF 15378	0.005
3	WJF 15389	0.008
4	WJF 15391	0.035
5	WJF 15392	0.004
6	WJF 15393	0.028
7	WJF 15394	0.008
8	WJF 15395	0.006
9	WJF 15396	0.004
10	WJF 15397	x
11	WJF 15398	0.010
12	WJF 15399	0.017
13	WJF 15400	0.013
14	WJF 15425	0.004
15	WJF 15426	0.002
16	WJF 15428	0.003
17	WJF 15471	0.015
18	WJF 15472	0.012
19	WJF 15501	0.220
20	WJF 15502	0.069
21		
22		
23	DETECTION	0.001
24	DIGESTION	
25	METHOD	334

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 M. Hambley

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.
Phone (09) 458 7999 — 52 Murray Road, Welshpool, W.A. 6106 — Telex AA92560

ANALYTICAL REPORT No. 100.8.01.45655

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

WJ Fisher
GPO Box 3167 EL4165
Darwin
NT 5794

ORDER No.	PROJECT

DATE RECEIVED	RESULTS REQUIRED
19/08/86	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
1	25/08/86	1	21

STATE OF SAMPLES REFER BELOW	SAMPLE NUMBERS	PRE-TREATMENT: DRY	CRUSH	SPLIT	PULVERISE	SIEVE	OTHER SEE REMARKS	NONE	ANALYSIS: REFER TO ANALYSIS SECTION	PREPARATION	METHOD
	15475/82, 15450 15654/5, 15657 15661				1				Au		334
	15449, 15651/3 15656, 15658/60				1				Au		309

RESULTS TO: as above 4168 Stream • RC Horseshoe area

RESULTS TO:

REMARKS

STATE OF SAMPLES			
hole core	WC		
lit core	SC		
tting	CU		
ck	Ro		
il	SO		
ulp	PU		
ater	WA		
sue	TI		
eam sediment	SS		
avy mineral	HM		

ANALYSIS — PREPARATION			
perchloric acid	A1	cold acid	CA
hydrochloric acid	A2	specific sulphide	SS
nitric acid	A3	other mixed acids	Ma
aqua regia	A4	alkaline attack	AA
nitric-perchloric	A5	volatilization	VO
HF mixture	A6	ignition	IG
HF under pressure	A7	pressed powder (XRF)	PP
fusion	A8	glass fusion (XRF)	GF

ANALYSIS — METHOD	
atomic absorbtion	AAS
x-ray fluorescence	XRF
spectrophotometry	SPEC
colorimetry	COL
chromatography	CHR
titration	TTN
other chemicals means	CHEM
miscellaneous	MISC
fluorescence	FLUOR
Inductively coupled plasma	ICP

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A division of MacDonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX | REPORT NUMBER | REPORT DATE | CLIENT ORDER No. | PAGE

		100.8.01.45655	25/08/86	EL4165	1 OF 1					
TUBE No.	SAMPLE No.	Au STREAM	Au Rock CHIP							
1	15449	–	x							
2	15450	0.002	–							
3	15475	0.012	–							
4	15476	0.006	–							
5	15477	0.004	–							
6	15478	0.003	–							
7	15479	0.004	–							
8	15480	0.003	–							
9	15481	0.001	–							
10	15482	0.006	–							
11	15651	–	0.117							
12	15652	–	1.500							
13	15653	–	0.008							
14	15654	0.031	–							
15	15655	0.003	–							
16	15656	–	0.008							
17	15657	0.003	–							
18	15658	–	1.100							
19	15659	–	0.025							
20	15660	–	x							
21	15661	0.003	–							
22										
23	DETECTION	0.001	0.008							
24	DIGESTION									
25	METHOD	334	309							

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

15 DEC 1987

ANALABS

A division of Macdonald Hamilton & Co. Pty. Ltd.

Phone (09) 458 7999 | 52 Murray Road, Welshpool, W.A. 6101 | Telex AA92560

ANALYTICAL REPORT No. 999.7.14.02196

THIS REPORT MUST READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

MR R BLACK
BURMINE LTD
2/68 GRENFEL STREET
ADELAIDE SA 5000

ORDER No.	PROJECT

DATE RECEIVED	RESULTS REQUIRED
05/12/87	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
2	13/12/87	1	45 $735.25

STATE SAMPLES REFER BELOW	SAMPLE NUMBERS	DRY	CRUSH	SPLIT	PULVERISE	SIEVE	OTHER SEE REMARKS	NONE	REFER TO ANALYSIS SECTION	PREPARATION	METHOD
	M87-38/87-82	RC Prep: 006,010,012,014,017							Au/313		

RESULTS TO

MR R BLACK
BURMINE LTD
2/68 GRENFEL STREET
ADELAIDE SA 5000

RESULTS TO

REMARKS

Rock chip sampling by RGB December 1987 [illegible] Mannakai Creek (Mt Kundy)

STATE OF SAMPLES	
whole core	WC
split core	SC
cutting	CU
rock	Ro
soil	SO
pulp	PU
water	WA
tissue	TI
stream sediment	SS
heavy mineral	HM

ANALYSIS — PREPARATION			
perchloric acid	A1	cold acid	CA
hydrochloric acid	A2	specific sulphide	SS
nitric acid	A3	other mixed acids	Ma
aqua regia	A4	alkaline attack	AA
nitric-perchloric	A5	volatilization	VO
HF mixture	A6	ignition	IG
HF under pressure	A7	pressed powder (XRF)	PP
fusion	A8	glass fusion (XRF)	GF

ANALYSIS — METHOD	
atomic absorbtion	AAS
x-ray fluorescence	XRF
spectrophotometry	SPEC
colorimetry	COL
chromatography	CHR
titration	TTN
other chemical means	CHEM
miscellaneous	MISC
fluorescence	FLUOR
inductively coupled plasma	ICP

AUTHORISED OFFICER

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	999.7.14.02196	13/12/87		1 OF 2

TUBE No.	SAMPLE No.	Au
1	M87-38	[illegible]
2	M87-39	[illegible]
3	M87-40	[illegible]
4	M87-41	[illegible]
5	M87-42	[illegible]
6	M87-43	[illegible]
7	M87-44	[illegible]
8	M87-45	[illegible]
9	M87-46	[illegible]
10	M87-47	[illegible]
11	M87-48	[illegible]
12	M87-49	[illegible]
13	M87-50	[illegible]
14	M87-51	[illegible]
15	M87-52	0.029
16	M87-53	[illegible]
17	M87-54	[illegible]
18	M87-55	[illegible]
19	M87-56	[illegible]
20	M87-57	0.029
21	M87-58	[illegible]
22	M87-59	[illegible]
23	M87-60	[illegible]
24	M87-61	[illegible]
25	M87-62	[illegible]

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

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	999.7.14.02196	13/12/87		OF 2 2

TUBE No.	SAMPLE No.	Au
1	M87-63	[illegible]
2	M87-64	[illegible]
3	M87-65	[illegible]
4	M87-66	[illegible]
5	M87-67	[illegible]
6	M87-68	[illegible]
7	M87-69	[illegible]
8	M87-70	[illegible]
9	M87-71	[illegible]
10	M87-72	[illegible]
11	M87-73	[illegible]
12	M87-74	[illegible]
13	M87-75	[illegible]
14	M87-76	[illegible]
15	M87-77	[illegible]
	M87-78	0.020
17	M87-79	0.041
18	M87-80	0.027
19	M87-81	0.024
20	M87-82	0.031
21		
22		
23	DETECTION	0.005
24	UNITS	ppm
25	METHOD	313

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

15 DEC 1987

ANALABS

A division of Macdonald Hamilton & Co. Pty. Ltd.

Phone(09) 458 7999 52 Murray Road, Welshpool, W.A. 6101 Telex AA92560

ANALYTICAL REPORT No. 999.7.14.02200

THIS REPORT MUST READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

MR R BLACK
BURMINE LTD
2/68 GRENFEL STREET

ADELAIDE SA 5000

ORDER No.	PROJECT

DATE RECEIVED	RESULTS REQUIRED
09/12/87	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
3	13/12/87	1	70 $ 1058

STATE OF SAMPLES	PRE-TREATMENT								ANALYSIS			
REEL / LOW	SAMPLE NUMBERS	DRY	CRUSH	SPLIT	PUL-VERISE	SIEVE	OTHER SEE REMARKS	NONE	REFER TO ANALYSIS SECTION	PREPARATION	METHOD
	M87-83/99,M87-100/152	RO	Prep: 010,012,014,017						Au/313		

RESULTS TO

MR R BLACK
BURMINE LTD
2/68 GRENFEL STREET

ADELAIDE SA 5000

RESULTS TO

REMARKS

Rock chip sampling by RGB December 1987 EL 4165 Manakai Creek (McLaughlin).

STATE OF SAMPLES		ANALYSIS — PREPARATION				ANALYSIS — METHOD	
whole core	WC	perchloric acid	A1	cold acid	CA	atomic absorbtion	AAS
split core	SC	hydrochloric acid	A2	specific sulphide	SS	x-ray fluorescence	XRF
cutting	CU	nitric acid	A3	other mixed acids	Ma	spectrophotometry	SPEC
rock	Ro	aqua regia	A4	alkaline attack	AA	colorimetry	COL
soil	SO	nitric-perchloric	A5	volatilization	VO	chromatography	CHR
pulp	PU	HF mixture	A6	ignition	IG	titration	TTN
water	WA	HF under pressure	A7	pressed powder (XRF)	PP	other chemical means	CHEM
tissue	TI	fusion	A8	glass fusion (XRF)	GF	miscellaneous	MISC
stream sediment	SS					fluorescence	FLUOR
heavy mineral	HM					inductively coupled plasma	ICP

AUTHORISED OFFICER

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	999.7.14.02200	13/12/87		1 OF 3

TUBE No.	SAMPLE No.	Au
1	M87-100	0.027
2	M87-101	0.045
3	M87-102	0.042
4	M87-103	0.019
5	M87-104	0.022
6	M87-105	0.027
7	M87-106	0.062
8	M87-107	0.027
9	M87-108	0.590
10	M87-109	0.020
11	M87-110	0.013
12	M87-111	0.021
13	M87-112	0.012
14	M87-113	0.016
15	M87-114	[illegible]
16	M87-115	[illegible]
17	M87-116	[illegible]
18	M87-117	[illegible]
19	M87-118	[illegible]
20	M87-119	[illegible]
21	M87-120	0.011
22	M87-121	0.045
23	M87-122	0.069
24	M87-123	0.035
25	M87-124	0.027

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

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	999.7.14.02200	13/12/87		OF 2 3

TUBE No.	SAMPLE No.	Au
1	M87-125	0.103
2	M87-126	0.229
3	M87-127	0.101
4	M87-128	0.530
5	M87-129	0.034
6	M87-130	0.056
7	M87-131	0.017
8	M87-132	[illegible]
9	M87-133	[illegible]
10	M87-134	[illegible]
11	M87-135	[illegible]
12	M87-136	[illegible]
13	M87-137	[illegible]
14	M87-138	[illegible]
15	M87-139	[illegible]
16	M87-140	[illegible]
17	M87-141	[illegible]
18	M87-142	[illegible]
19	M87-143	[illegible]
20	M87-144	[illegible]
21	M87-145	[illegible]
22	M87-146	[illegible]
23	M87-147	[illegible]
24	M87-148	[illegible]
25	M87-149	[illegible]

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
[redacted]	999.7.14.02200	13/12/87		OF 3 3

TUBE No.	SAMPLE No.	Au
1	M87-150	[redacted]
2	M87-151	[redacted]
3	M87-152	[redacted]
4	M87-83	0.043
5	M87-84	0.037
6	M87-85	0.020
7	M87-86	0.027
8	M87-87	0.021
9	M87-88	0.057
10	M87-89	1.392
11	M87-90	0.056
12	M87-91	0.022
13	M87-92	0.027
14	M87-93	0.034
15	M87-94	0.043
16	M87-95	0.031
17	M87-96	0.020
18	M87-97	0.201
19	M87-98	0.076
20	M87-99	0.010
21		
22		
23	DETECTION	0.005
24	UNITS	ppm
25	METHOD	313

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
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N

131° 28'

131° 29'

12° 54'

[redacted]

87/31

87/26

87/32-34

SATURD

87/60

87/57

87/52

FRIDAY ONE PROSPECT

87/131

87/130

DOLLY POT PROSPECT

87/162 -167

Approx. position of titles held by other parties.

BACKHOE PROSPECT

SUNDAY TWO PROSPECT

87/129

87/121

87/80

87/79

87/78

87/81,82

131° 30'

12° 56'

Photo interpreted extent of complete laterite profile.

SUNDAY ONE PROSPECT

87/108

87/96

87/109

87/120

87/95

87/91-94

87/89,90

87/88

87/84,85

87/86,87

87/83

12° 57'

Photointerpreted area of black soil, transported soil and alluvium.

Quartz vein (mapped)

Radius rock chip sample

Linear " " " average mass 4-5 kg

Reconnaissance traverse where no sampling resulted.

BURMINE LIMITED	5988/311
	EXPLORATION LICENCE 4165 M
Compiled, R G. Bluck	MARRAKAI CREEK.
Drawn, INTO Drafting	PROSPECT AND SAMPLE LOCATIONS
Scale, 1: 10 000	fig. 3.
Date, Jan. 1988	