14.6

Annual Report on Exploration Activities
on
EXPLORATION LICENCE 4742

to 21 August 1987.

Licensee:	**Kakadu Resources, Limited**
Operator:	**Freeport McMoRan Australia, Limited**
1:250 000 Map Area:	**Pine Creek**

11 November 1987

Kent. L. WASHBURN.

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1.0 SUMMARY

Freeport-McMoRan Australia, Limited, reached a heads of agreement with the owners of EL 4742, Kakadu Resources, Limited, near the end of the present report period. Freeport will gain equity in the tenement by conducting exploration over a specified period. The option also includes MCN's 1318 and 1319 which will be reported on separately.

Work completed to the end of the report period included gridding, rock chip sampling and soil sampling. The results of this work indicate the presence of anomalous lead, silver and gold mineralisation with the size potential to be of interest to Freeport.

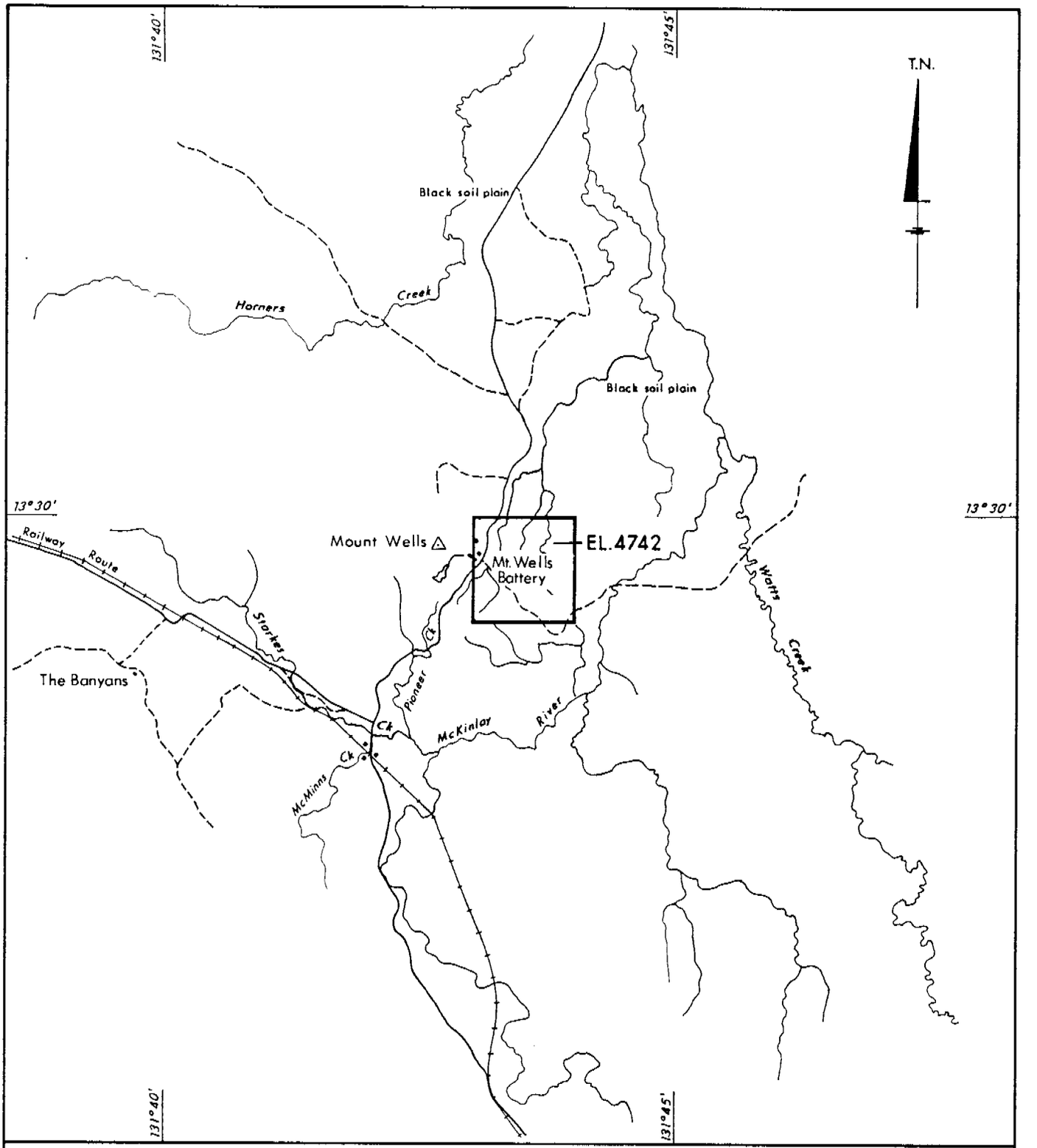
The proposed program for the forthcoming year will consist of detailed geological mapping and sampling followed by drilling. A budget of $65 000 has been approved for this program.

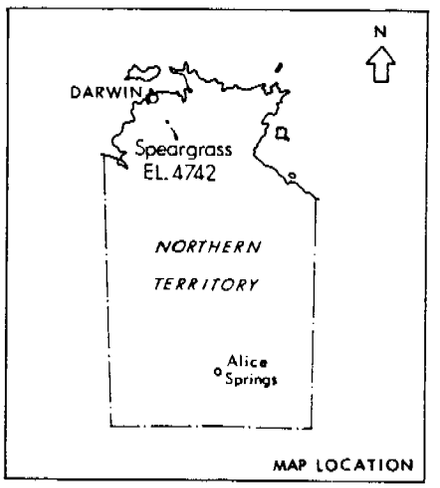
2.0 INTRODUCTION

Exploration Licence 4742 is located at the old Mount Wells Battery site, 36 kilometres north-northwest of Pine Creek, Northern Territory . The Exploration Licence consists of one block only, covering fine grained sediments of the Burrell Creek Formation as depicted on the 1:500 000 scale Geological Map of the Pine Creek Geosyncline.

Previous limited exploration activities are evident within the Exploration Licence, consisting of small pits and mining claim corners, presumably carried out shortly after the turn of the century. No recent exploration activities are known.

Kakadu Resources, Limited applied for the tenement after recognizing unusual styles of alteration and mineralisation anomalous in gold, with attendant high lead and silver values. The licence was subsequently granted on 21 August 1986.





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SCALE 1:100000

FREEPORT

SPEARGRASS E.L. 4742

LOCATION MAP

FIG. 1.

3.0 GEOLOGY

The area is underlain by north trending shales and siltstones correlated with the Burrell Creek Formation. Northerly extensions of the Pine Creek Shear Zone lie a few kilometres to the west only mildly affecting the rocks in the area with weak to moderate foliations. The prospect is also marginal to intrusives, being two to three kilometres from the Prices Creek Granite in the northwest and a smaller granite to the southeast.

On a local scale small quartz filled shears are evident trending parallel to the strike of the sediments. Several of the quartz lodes along these zones have been tested by early prospecting methods and probably contain the occasional colour of gold. Adjacent to the quartz, however, and predominantly along one trend are considerable widths of wall rock alteration in the form of sericite, chlorite and locally very strong pyrite. Assays of this zone confirm gold mineralisation to +7 grams per tonne, lead to 1.5% and silver to 23 grams per tonne.

A high degree of secondary leaching by weathering mechanisms is evident within the alteration zones. Cube-shaped moulds after pyrite are often the only remaining evidence of sulfide, with all traces of iron oxides having been removed. The leached rocks often carry values between 0.1 and 1.0 ppm gold, while rocks still retaining iron oxides carry values to greater than 7 ppm gold.

4.0 WORK CARRIED OUT

Rock chip samples were taken across wide zones in order to initially test for broad scale mineralisation. The channel samples and individual rock chips (shown in Appendix 1) returned encouraging results which lead to discreet rock chip sampling. These were taken on lines A through E, with Figure 2 showing the gold results. Sampling lines N, P, Q and R followed,along with a line of rock chip sampling denoted by sample numbers MW 1 through MW 18. Various other rock chip samples are located on Figure 2. These results are listed in Appendix 2. The associated lead and silver results are shown on Figure 3.

A grid was then established for control and a program of soil sampling was carried out over areas of known mineralisation. Soil sampling was also carried out further north along strike at a wider spacing. The results of this program using -20 mesh sieving, indicate a low but consistent spread of values across the zone of interest. The mineralisation is suspected to be very fine grained so that a -40 mesh sieve may have been more effective. A limited soil fraction analysis for gold will be carried out to test this suspicion.

The results of soil sampling are shown in Appendix 3.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The work carried out to date has established the fact that gold mineralisation is extensive on the property, having the potential lengths and widths necessary to host an economically viable deposit. The severe degree of leaching at most places in outcrop are very good indications that higher grades exist at depth.

A budget has been approved for further work on the property. This work will include detailed geological mapping, further rock chip sampling, soil sampling (if proven useful) and at least 600 metres of percussion drilling. A budget of $65 000 has been set aside for this program.

6.0 EXPENDITURE STATEMENT

EXPLORATION PROGRAM EXPENSES

Geological Expenses		
Geological Contractors	$ 3 200.00	
Field Assistants Wages	2 780.00	
Consultants and Administration	954.65	$ 6 934.65
Geochemical Expenses		
Assaying	1 410.26	1 410.26
Field Expenses	3 218.26	3 218.26
Sub Total Cash Expenses		**11 563.17**

MANAGEMENT AND OFFICE OVERHEADS

Administrative/Office Expenses		
Overheads	2 560.00	2 560.00
Expenditure to August 1987		**$ 14 123.17**

APPENDIX 1.

Initial Rock Chip Sampling

SAMPLER'S FIELD SHEET

SAMPLER: Kent WASHBURN DATE: PLAN No.:

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Australian Assay Laboratory. Pine Creek. DATE: SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
21654		Altered and leached shales with carbonate (?) moulds			
21655		Plain looking shales, minor quartz at base of ridge			
21656		" " " " " " " "			
21657		" " " " " " " "			
21658		" " " " " " " "			
21659		Plain looking shales with excellant gossan (2 metres) at top of ridge			
21660		Chips of shales where exposed, occasional carbonate and/or pyrite moulds, greisen-like alteration, strong leaching			
21661		" " " " " "			
21662		Chips of shales where exposed, occasional carbonate and/or pyrite moulds, greisen-like alteration, strong leaching, increasing moulds			
21663		Chips of shales where exposed, occasional carbonate and/or pyrite moulds, greisen-like alteration, strong leaching			
21664		" " " " " "			
21665		Sample more biased toward "juicy" looking rocks			

LABORATORY ASSAY REPORT

LABORATORY: AUSTRALIAN ASSAY LABORATORY. PINE CREEK. DATE: .....

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au	Sb	Sn	Ag	Cu	Pb	Zn	Mo	Pt	Pd							REMARKS
21654	0.34	22	24.7	3	71	4160	68	BDL	BDL	BDL							
21655	0.27	15	10.1	1	156	1325	339	BDL	BDL	BDL							
21656	0.01	BDL	BDL	BDL	17	30	22	BDL	BDL	BDL							
21657	0.01	BDL	BDL	BDL	46	30	190	BDL	BDL	BDL							
21658	0.01	BDL	BDL	BDL	32	34	109	BDL	BDL	BDL							
21659	0.02	12	BDL	2	100	3360	1250	BDL	BDL	BDL							
21660	0.05	4	BDL	BDL	61	505	114	BDL	BDL	BDL							
21661	0.19	11	BDL	1	99	580	295	BDL	BDL	BDL							
21662	0.14	10	6.78	BDL	24	285	108	BDL	BDL	BDL							
21663	0.01	2	BDL	BDL	31	85	68	BDL	BDL	BDL							
21664	0.06	5	BDL	BDL	45	112	73	BDL	BDL	BDL							
21665	0.72	14	6.99	BDL	92	680	161	BDL	BDL	BDL							

APPENDIX 2.

Line Sampling Results

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August PLAN No.:

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 17.08.87 SPL DESPATCH ADVICE No.: 1009

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
A 1		Brown/pink foliated shaly siltstone			
A 2		Brown/pink foliated sandy siltstone			
A 3		" " " " "			
A 4		Brown/pink foliated sandy siltstone occasionally green			
A 5		Brown/pink foliated sandy siltstone with red/brown phyllite			
A 6		Brown/pink foliated sandy siltstone with small quartz veinlets + (<1mm) pyrite molds			
A 7		Brown/pink foliated sandy siltstone with quartz and red/brown phyllite			
A 8		Brown/pink foliated sandy siltstone with occasional quartz and haematite			
A 9		" " " " "			
A 10		Pink/purple sandy siltstones			
A 11		Pink/purple sandy siltstones (foliated). 5-10% quartz on surfaces			
A 12		" " " " "			
A 13		Red/brown/pink foliated mudstone			
A 14		Red/Brown/pink foliated mudstone <1% quartz on surfaces			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 17.08.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Cu	As	Ag	Au	Pb			REMARKS
A 1	75	300	2.0	0.010	475			
A 2	35	300	BDL	0.010	260			
A 3	35	350	0.5	0.010	370			
A 4	20	50	0.5	0.005	185			
A 5	25	400	0.5	0.080	650			
A 6	50	350	1.0	0.075	850			
A 7	55	700	5.0	0.025	1250			
A 8	35	750	2.0	0.020	900			
A 9	30	150	0.5	0.005	475			
A 10	40	300	3.5	0.015	650			
A 11	60	700	6.5	0.315	1950			
A 12	190	1450	11.5	1.100	2250			
A 13	35	100	0.5	0.005	400			
A 14	40	50	0.5	BDL	475			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August PLAN No.:

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 17.08.87 SPL DESPATCH ADVICE No.: 1009

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
A 15		Red/brown foliated shale, becoming a phyllite			
A 16		" " " " " " "			
A 17		Pink/purple (sometimes grey) foliated shale			
A 18		Foliated sandy siltstone - pink/purple			
A 19		Foliated sandy siltstone - red/brown with quartz			
		veins and one mold after pyrite or carbonate?			
A 20		Foliated sandy siltstone - red/brown with quartz			
A 21		Brown/pink foliated mudstone			
A 22		Brown/pink foliated mudstone/sandy siltstone			
		with quartz on fracture surface			
A 23		Foliated sandy/siltstone - brown/pink			
A 24		Foliated sandy/siltstone - red/brown			
A 25		Foliated sandy/siltstone - red/brown and pale			
		green and quartz-haematite breccia			
A 26		Foliated sandy/siltstone and mostly quartz .			
		Distorted molds after pyrite or carbonate in			
		quartz + siltstone			
A 27		" " " " " " "			
A 28		" " " " " " "			
A 29		" " " " " " "			
A 30		" " " " " " "			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 17.08.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Cu	As	Ag	Au	Pb			REMARKS
A 15	45	BDL	BDL	BDL	850			
A 16	80	500	2.0	0.115	1600			
A 17	30	50	0.5	0.005	155			
A 18	30	200	0.5	0.010	350			
A 19	40	150	0.5	0.015	350			
A 20	20	150	0.5	0.015	260			
A 21	70	50	0.5	0.010	650			
A22	40	400	0.5	0.010	525			
A 23	25	BDL	0.5	0.005	370			
A 24	35	50	0.5	0.005	360			
A 25	35	100	0.5	BDL	305			
A 26	95	1300	2.0	0.015	1500			
A 27	25	300	0.5	0.005	550			
A 28	15	200	0.5	BDL	370			
A 29	30	450	BDL	BDL	500			
A 30	35	400	BDL	0.005	410			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August PLAN No.:

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 17.08.87 SPL DESPATCH ADVICE No.: 1009

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
A 31		Foliated sandy/siltstone and mostly quartz.			
		Distorted molds after pyrite or carbonate in			
		quartz + siltstone			
A 32		" " " " " " "			
A 33		" " " " " " "			
A 34		Purple/pale green foliated siltstone			
A 35		Brown/purple foliated mudstone			
A 36		Purple/green foliated mudstone and siltstones			
B 1		Pink/green foliated sandy siltstones with			
		quartz veining + pyrite molds			
B 2		Siltstone with massive quartz and scorodite ?			
		Pyrite molds in siltstone and quartz			
B 3		" " " " "			
B 4		" " " " "			
B 5		" " " " "			
B 6		" " " " "			
B 7		" " " " "			
B 8		" " " " "			
B 9		" " " " "			
B 10		Red foliated shales			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 17.08.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Cu	As	Ag	Au	Pb			REMARKS
A 31	45	100	0.5	BDL	440			
A 32	40	1050	2.5	0.015	1400			
A 33	20	650	0.5	BDL	850			
A 34	15	100	BDL	BDL	250			
A 35	10	50	BDL	BDL	15			
A 36	10	BDL	BDL	BDL	15			
B 1	20	1050	BDL	0.015	430			
B 2	20	1300	0.5	0.115	800			
B 3	50	2100	0.5	0.380	950			
B 4	55	1850	BDL	0.250	1250			
B 5	25	1450	BDL	0.025	600			
B 6	20	1900	BDL	0.050	2150			
B 7	15	700	0.5	0.025	1750			
B 8	85	2900	3.0	3.900	1350			
B 9	45	1000	3.0	0.480	2200			
B 10	20	200	BDL	0.015	80			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August PLAN No.:

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 17.08.87 SPL DESPATCH ADVICE No.: 1009

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
B 11		Red/brown shale/phyllite			
B 12		Green/grey phyllite			
C 1		Pink/green mudstone			
C 2		Sandy siltstone, brown/pink/green/grey with			
		pyrite molds and quartz veins			
C 3		" " " " " "			
C 4		" " " " " "			
C 5		Pink/green sandy siltstone			
C 6		" " " "			
C 7		Pink/green sandy siltstone (foliated) with			
		pyrite molds and thin quartz veins			
C 8		" " " " " " "			
C 9		" " " " " " "			
C 10		Pink/green sandy siltstone (foliated) with			
		pyrite molds. No visible quartz veins			
C 11		Pink/green sandy siltstone (foliated) Pyrite			
		molds and haematite staining			
C 12		Brown/pink foliated siltstone			
D 1		Pink/green sandy siltstone foliated. Pyrite			
		molds and quartz veining			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 17.08.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Cu	As	Ag	Au	Pb			REMARKS
B 11	30	250	0.5	0.375	235			
B 12	35	50	BDL	0.010	580			
C 1	20	850	BDL	0.140	115			
C 2	10	650	BDL	0.050	95			
C 3	15	850	BDL	0.065	100			
C 4	20	1500	BDL	0.280	170			
C 5	30	1050	BDL	0.010	145			
C 6	30	1100	BDL	0.005	160			
C 7	20	1350	BDL	0.010	120			
C 8	50	4500	BDL	0.260	435			
C 9	45	4200	BDL	0.285	300			
C 10	20	1000	BDL	0.010	300			
C 11	25	1150	BDL	0.005	400			
C 12	30	BDL	BDL	BDL	35			
D 1	20	450	BDL	0.005	1050			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August PLAN No.:

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 17.08.87 SPL DESPATCH ADVICE No.: 1009

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
D 2		Pink/green sandy siltstone foliated. Pyrite			
		molds and quartz veining			
D 3		Brown/pink sandy siltstone Small amount of			
		quartz			
D 4		Pink/green sandy siltstone with small amounts			
		of quartz			
D 5		Pink/green sandy siltstone <3mm pyrite molds.			
		Some quartz.			
D 6		Pink sandy siltstone			
D 7		" " "			
D 8		Pink sandy siltstone with some sericite and			
		quartz veining			
D 9		Red/brown siltstone folicated			
D 10		Red/brown siltstone foliated with small amounts			
		of quartz			
E 1		Pink/purple sandy siltstone			
E 2		Brown/white foliated metamorphosed sandy			
		siltstone. Quartz veins			
E 3		Brown/pink foliated metamorphosed sandy siltstone.			
		Quartz veins (<2mm)			
E 4		" " " " " "			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 17.08.87

ASSAY METHOD: ACCURACY:

CHEMIST NAME AND COMMENTS:

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Cu	As	Ag	Au	Pb			REMARKS
D 2	15	250	2.5	0.015	615			
D 3	35	500	0.5	0.070	1350			
D 4	35	850	BDL	0.040	1900			
D 5	50	1350	2.0	0.360	1950			
D 6	30	450	0.5	0.025	1600			
D 7	30	150	0.5	0.005	930			
D 8	30	50	BDL	0.005	555			
D 9	30	50	BDL	0.005	295			
D 10	35	100	0.5	0.005	1200			
E 1	10	150	0.5	0.005	110			
E 2	15	300	0.5	0.025	630			
E 3	20	50	0.5	0.005	340			
E 4	20	50	0.5	BDL	145			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 01.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
CARB		White carbonaceous rock with box-work			
F 1		Gossan/Ferruginous quartz vein			
GOS 1		Ferruginous quartz vein			
GOS 2		" " "			
GOS 3		" " "			
GOS 4		Milky quartz vein			
GOS 5		" " "			
GOS 6		" " "			
GOS 7		" " "			
GOS 8		" " "			
MR 1		Milky quartz vein with pyrite moulds			
MR 2		" " " " " "			
MR 3		" " " " " "			
MR 4		" " " " " "			
N 1		Meta siltstone with pyrite moulds			
N 2		" " " " "			
N 3		" " " " "			
N 4		" " " " "			
N 5		" " " " "			
N 6		" " " " "			
N 7		" " " " "			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 10.09.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Li	Be	K	Ti	Cu	As	Y	Zr	Nb	Ag	Yb	Ta	Re	Au	Pb		REMARKS
CARB					30	100				BDL				0.067	50		
F 1					1500	1.45%				90.0				3.130	3.55%		
GOS 1					1150	1.60%				19.5				4.100	2.95%		
GOS 2					50	500				1.0				0.032	260		
GOS 3					50	2000				1.5				0.358	145		
GOS 4					60	500				BDL				0.025	195		
GOS 5					25	100				BDL				0.008	120		
GOS 6					100	450				5.5				0.058	1450		
GOS 7					20	200				2.0				0.067	290		
GOS 8					25	50				BDL				0.008	10		
MR 1					1100	1.40%				16.0				0.850	8050		
MR 2					50	1900				7.0				7.830	1750		
MR 3					50	700				1.0				0.050	700		
MR 4					35	1850				0.5				0.358	250		
N 1					140	3200				3.0				0.050	2450		
N 2					75	1650				4.5				0.008	1900		
N 3					260	5300				16.5				0.075	2700		
N 4					45	2700				5.5				0.017	950		
N 5					200	3200				23.0				0.225	1.30%		
N 6					45	3150				1.5				0.050	1750		
N 7					70	2550				4.0				0.275	1700		

CR 87/258

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 01.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
N 8		Meta siltstone with pyrite moulds			
N 9		" " " " "			
N 10		" " " " "			
N 11		" " " " "			
N 12		" " " " "			
N 13		" " " " "			
N 14		" " " " "			
N 15		" " " " "			
N 16		" " " " "			
N 17		" " " " "			
N 18		" " " " "			
N 19		" " " " "			
N 20		" " " " "			
N 21		" " " " "			
N 22		" " " " "			
N 23		" " " " "			
N 24		" " " " "			
N 25		" " " " "			
N 26		" " " " "			
N 27		" " " " "			
N 28		" " " " "			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 10.09.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Li	Be	K	Ti	Cu	As	Y	Zr	Nb	Ag	Yb	Ta	Re	Au	Pb		REMARKS
N 8					75	5000				2.0				0.025	1650		
N 9					120	5300				8.5				0.040	3500		
N 10					90	2600				4.5				0.067	1800		
N 11					45	2200				3.5				0.133	1000		
N 12					45	2000				4.0				0.032	1550		
N 13					60	3600				9.0				0.308	2300		
N 14					35	2650				1.0				0.025	900		
N 15					70	2400				3.5				0.058	790		
N 16					105	2500				1.0				0.233	925		
N 17					390	7150				14.0				0.217	1.50%		
N 18					60	1500				1.0				0.025	1200		
N 19					180	3050				2.5				0.125	1350		
N 20					50	1500				1.0				0.017	560		
N 21					65	2500				1.0				0.125	1250		
N 22					65	2100				3.0				0.092	1600		
N 23					70	2350				1.0				0.025	1650		
N 24					60	2200				3.0				0.040	1250		
N 25					60	1950				1.0				0.192	1200		
N 26					95	2750				1.0				0.133	1650		
N 27					160	3800				1.0				0.208	1250		
N 28					100	2500				1.0				0.075	1650		

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 01.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
N 29		Meta siltstone with pyrite moulds			
N 30		" " " " "			
N 31		" " " " "			
N 32		" " " " "			
N 33		" " " " "			
N 34		" " " " "			
N 35		" " " " "			
N 36		" " " " "			
N 37		" " " " "			
N 38		" " " " "			
N 39		" " " " "			
N 40		" " " " "			
N 41		" " " " "			
N 42		" " " " "			
N 43		" " " " "			
N 44		" " " " "			
N 45		" " " " "			
N 46		" " " " "			
N 47		Milky quartz vein			
N 48		" " "			
N 49		" " "			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 10.09.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Li	Be	K	Ti	Cu	As	Y	Zr	Nb	Ag	Yb	Ta	Re	Au	Pb		REMARKS
N 29					140	3500				1.0				0.032	1700		
N 30					160	4800				1.0				0.075	2150		
N 31					175	3800				1.0				0.300	2850		
N 32					130	4200				1.0				0.167	1700		
N 33					170	5150				1.5				0.183	3550		
N 34					150	4350				1.0				0.100	1850		
N 35					210	6750				1.0				0.225	2100		
N 36					175	5850				2.0				0.117	2500		
N 37					130	3100				1.0				0.067	1650		
N 38					140	3300				1.0				0.058	1650		
N 39					130	2100				1.5				0.175	1150		
N 40					145	4350				2.5				0.200	3050		
N 41					120	2850				1.5				0.108	3200		
N 42					65	1200				1.0				0.025	1150		
N 43					80	1500				1.0				0.167	835		
N 44					55	950				0.5				0.017	630		
N 45					40	600				0.5				0.008	445		
N 46					50	500				1.5				0.217	385		
N 47					45	300				2.0				0.692	300		
N 48					75	900				1.0				0.100	740		
N 49					45	850				4.5				0.133	1250		

CR87/258

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 01.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
N 50		Milky quartz vein			
N 51		" " "			
N 52		" " "			
N 53		Meta siltstone			
N 54		" "			
N 55		" "			
P 1		Meta siltstone with pyrite moulds			
P 2		" " " " "			
P 3		" " " " "			
P 4		" " " " "			
P 5		" " " " "			
P 6		" " " " "			
P 7		" " " " "			
P 8		Milky quartz with Iron staining			
P 9		" " " " "			
P 10		" " " " "			
P 11		Meta siltstone			
P 12		" "			
P 13		" "			
P 14		" "			
P 15		" "			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 10.09.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Li	Be	K	Ti	Cu	As	Y	Zr	Nb	Ag	Yb	Ta	Re	Au	Pb		REMARKS
N 50					75	750				2.5				0.117	430		
N 51					20	250				0.5				0.058	275		
N 52					20	500				1.0				0.183	605		
N 53					25	200				0.5				0.025	235		
N 54					50	300				0.5				0.067	515		
N 55					25	200				BDL				0.040	345		
P 1					75	500				2.0				0.050	525		
P 2					55	400				0.5				0.075	260		
P 3					55	450				0.5				0.017	290		
P 4					75	750				0.5				0.025	345		
P 5					65	600				0.5				0.040	390		
P 6					190	2000				9.0				0.133	1650		
P 7					310	4450				13.5				0.425	5300		
P 8					250	3650				11.5				0.358	6250		
P 9					270	3500				8.0				0.625	2900		
P 10					185	2300				1.5				0.117	850		
P 11					80	950				1.0				0.058	1050		
P 12					25	200				BDL				0.225	105		
P 13					35	700				0.5				0.167	195		
P 14					25	100				BDL				0.067	115		
P 15					25	BDL				0.5				0.008	170		

CR87/258

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 01.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
Q 1		Meta siltstone with pyrite moulds			
Q 2		" " " " "			
Q 3		" " " " "			
Q 4		" " " " "			
Q 5		" " " " "			
Q 6		Milky quartz with Iron Staining			
Q 7		" " " " "			
Q 8		" " " " "			
Q 9		Meta siltstone with quartz			
Q 10		" " " "			
Q 11		Meta siltstone			
Q 12		" "			
Q 13		" "			
Q 14		" "			
Q 15		" "			
Q A		Milky,ferruginous quartz vein with pyrite moulds			
Q B		Milky quartz and meta siltstone with pyrite moulds			
Q C		" " " " " " " "			
R 1		Meta siltstone			
R 2		" "			
R 3		" "			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 10.09.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Li	Be	K	Ti	Cu	As	Y	Zr	Nb	Ag	Yb	Ta	Re	Au	Pb		REMARKS
Q 1					60	1450				3.0				0.142	1650		
Q 2					20	850				2.0				0.032	1900		
Q 3					40	1200				1.0				0.017	1650		
Q 4					25	450				2.0				0.040	800		
Q 5					30	550				2.5				0.017	1030		
Q 6					50	3000				10.5				0.200	1030		
Q 7					40	600				9.0				0.050	1850		
Q 8					100	2700				3.5				0.058	3100		
Q 9					60	1350				5.0				0.025	1350		
Q 10					70	1600				5.0				0.325	3100		
Q 11					35	1950				3.5				0.133	3500		
Q 12					40	800				18.5				0.025	1950		
Q 13					65	900				5.0				0.017	1850		
Q 14					45	650				3.5				0.025	1450		
Q 15					45	1000				3.5				0.040	1700		
Q A	BDL	BDL	BDL	67	20	350	1	5	BDL	2.0	BDL	BDL	BDL	0.075	1700		
Q B	3	BDL	BDL	71	20	350	1	7	BDL	1.0	BDL	BDL	BDL	0.025	850		
Q C	2	BDL	BDL	30	15	350	1	BDL	BDL	0.5	BDL	BDL	BDL	0.025	290		
R 1					50	350				0.5				0.008	390		
R 2					25	300				BDL				0.008	335		
R 3					30	350				0.5				0.075	360		

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 01.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
R 4		Meta siltstone			
R 5		" "			
R 6		Meta siltstone with milky quartz			
R 7		Meta siltstone with weak pyrite moulds			
R 8		" " " " " "			
R 9		" " " " " "			
R 10		" " " " " "			
R 11		" " " " " "			
R 12		" " " " " "			
R 13		" " " " " "			
R 14		" " " " " "			
Reef Q		Milky quartz			
Reef S		" "			
SA		Meta siltstone with pyrite moulds and milky quartz			
SB		" " " " " " " "			
SC		" " " " " " " "			
W 1		Meta siltstone with pyrite moulds			
W 2		" " " " "			
W 3		" " " " "			
W 4		Meta siltstone with pyrite moulds and weak milky quartz			
W 5		" " " " " " " "	"		

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: .....

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Li	Be	K	Ti	Cu	As	Y	Zr	Nb	Ag	Yb	Ta	Re	Au	Pb		REMARKS
R 4					30	550				0.5				0.040	460		
R 5					35	600				2.0				0.092	435		
R 6					30	500				1.5				0.417	400		
R 7					20	100				0.5				0.025	215		
R 8					20	300				0.5				0.092	270		
R 9					20	100				0.5				0.017	115		
R 10					70	850				1.0				0.225	655		
R 11					15	150				BDL				0.015	155		
R 12					20	100				BDL				0.008	290		
R 13					15	200				0.5				0.032	495		
R 14					20	450				0.5				0.025	530		
Reef Q					30	400				2.5				0.058	970		
Reef S					60	750				0.5				0.142	480		
SA	5	2	3.16%	3210	35	850	17	263	10	0.5	BDL	BDL	BDL	0.125	300		
SB	5	2	2.84%	2990	45	1000	16	203	10	BDL	BDL	BDL	BDL	0.025	295		
SC	5	3	3.72%	3100	25	1400	18	221	11	BDL	BDL	BDL	BDL	0.225	270		
W 1					100	1250				2.0				0.333	1350		
W 2					45	1000				2.0				0.100	600		
W 3					30	550				1.0				0.017	645		
W 4					50	850				2.0				0.025	495		
W 5					80	600				0.5				0.040	395		

CR87/258

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 01.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
W 6		Meta siltstone with pyrite moulds and weak milky quartz			
W 7		" " " " " " " "	"		
W 8		" " " " " " " "	"		
W 9		Meta siltstone with occasional pyrite moulds			
W 10		" " " " " "			
W 11		" " " " " "			
W 12		" " " " " "			
W 13		" " " " " "			
W 14		" " " " " "			
W 15		" " " " " "			
W 16		" " " " " "			
W 17		" " " " " "			
W 18		Meta siltsonte			
W 19		" "			
W 20		" "			
W 21		" "			
W 22		" "			
w 23		" "			
W 24		" "			
W 25		" "			
W 26		" "			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 10.09.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Li	Be	K	Ti	Cu	As	Y	Zr	Nb	Ag	Yb	Ta	Re	Au	Pb		REMARKS
W 6					55	750				1.0				0.250	435		
W 7					110	700				BDL				0.008	275		
W 8					45	1150				2.0				0.758	450		
W 9					60	500				1.0				0.008	295		
W 10					40	700				1.0				0.008	430		
W 11					35	600				1.0				0.017	710		
W 12					40	450				0.5				BDL	365		
W 13					50	550				0.5				0.125	485		
W 14					75	1000				2.0				0.293	950		
W 15					30	500				1.0				0.017	430		
W 16					80	1300				1.0				0.017	560		
W 17					25	400				4.0				0.017	400		
W 18					75	1400				1.0				0.017	1850		
W 19					55	850				0.5				0.008	540		
W 20					25	350				1.0				0.008	340		
W 21					70	1550				2.0				0.050	1850		
W 22					50	950				1.0				0.017	685		
W 23					60	850				0.5				0.008	780		
W 24					45	750				1.0				0.008	930		
W 25					50	950				1.0				0.075	1500		
W 26					60	750				1.0				0.017	870		

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 01.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
N 27		Meta siltstone			
N 28		" "			
N 29		" "			
N 30		" "			
MW 1		Quartz-sericite rock, few moulds after pyrite			
MW 2		Quartz-sericite rock, few pyrite moulds, weak			
		Iron-oxide staining			
MW 3		Quartz-sericite rock 6% pyrite moulds, moderate			
		Iron-oxide staining			
MW 4		Quartz-sericite rock 10% pyrite moulds, some casts,			
		moderate-string Iron-oxide			
MW 5		Quartz-sericite rock 6% pyrite moulds, very weak			
		Iron-oxide			
MW 6		" " " " " " " "			
MW 7		Quartz-sericite rock 3% pyrite moulds, very weak			
		Iron--oxide			
MW 8		Quartz-sericite rock 5% pyrite moulds, weak			
		Iron-oxide			
MW 9		" " " " " " "			
MW 10		Quartz-sericite rock 5% pyrite moulds, moderate			
		Iron-oxide			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 10.09.87/ 21.09.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Li	Be	K	Ti	Cu	As	Y	Zr	Nb	Ag	Yb	Ta	Re	Au	Pb		REMARKS
W 27					65	1200				2.0				0.142	1600		
W 28					25	550				1.5				0.017	1020		
W 29					190	3600				12.0				0.750	3850		
W 30					90	1950				4.0				0.050	3900		
MW 1														0.210			
MW 2														0.365			
MW 3														0.820			
MW 4														2.400			
MW 5														0.135			
MW 6														0.235			
MW 7														0.440			
MW 8														0.310			
MW 9														0.250			
MW 10														2.220			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 01.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
MW 11		Quartz-sericite rock 8% pyrite moulds with casts, strong Iron-oxide			
MW 12		" " " " " " " "			
MW 13		Quartz-sericite rock 8% pyrite moulds with casts, moderate to strong Iron-oxide			
MW 14		Quartz-sericite rock 8% pyrite moulds with weak -moderate Iron-oxide			
MW 15		Quartz-sericite rock 4% pyrite moulds weak Iron-oxide			
MW 16		" " " " " " "			
MW 17		" " " " " " "			
MW 18		" " " " " " "			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Li	Be	K	Ti	Cu	As	Y	Zr	Nb	Ag	Yb	Ta	Re	Au	Pb		REMARKS
MW 11														4.300			
MW 12														3.450			
MW 13														2.410			
MW 14														0.635			
MW 15														0.680			
MW 16														0.325			
MW 17														0.630			
MW 18														0.700			

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.87

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
1	BDL							
2	0.008							
3	0.050							
4	0.017							
5	0.017							
6	0.017							
7	0.017							
8	0.032							
9	0.032							
10	0.075							
11	0.025							
12	0.083							
13	0.117							
14	0.008							
15	0.017							
16	0.017							
17	0.025							
18	0.032							
19	0.032							
20	0.050							

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.8

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
21	0.008							
22	0.017							
23	0.017							
24	0.008							
25	0.008							
26	0.008							
27	0.017							
28	BDL							
29	0.008							
30	BDL							
31	BDL							
32	BDL							
33	0.008							
34	BDL							
60	BDL							
61	BDL							
62	0.008							
63	0.008							
64	BDL							
65	BDL							

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.8

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
66	BDL							
67	BDL							
68	0.008							
69	0.008							
70	BDL							
71	BDL							
72	BDL							
73	BDL							
74	BDL							
75	0.017							
76	0.008							
77	BDL							
78	0.008							
79	0.050							
80	BDL							
81	BDL							
82	0.008							
83	BDL							
84	BDL							
85	BDL							

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.8

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
86	BDL							
87	BDL							
88	BDL							
89	BDL							
90	0.008							
91	BDL							
92	0.017							
93	0.032							
94	0.032							
95	0.050							
96	0.050							
97	0.050							
98	0.032							
99	0.017							
100	0.008							
101	BDL							
102	BDL							
103	0.008							
104	0.075							
105	BDL							

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.8

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
106	0.017							
107	BDL							
108	0.083							
109	BDL							
110	BDL							
111	0.108							
112	0.083							
113	0.017							
114	0.032							
35	0.015							
36	BDL							
37	BDL							
38	BDL							
39	0.008							
40	0.067							
41	0.100							
42	0.075							
43	0.075							
44	0.017							
45	0.008							

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.8

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
46	0.017							
47	0.008							
48	0.017							
49	0.008							
50	BDL							
51	BDL							
52	BDL							
53	BDL							
54	0.008							
55	BDL							
56	0.017							
57	BDL							
58	0.008							
59	0.017							
115	0.008							
116	BDL							
117	BDL							
118	0.036							
119	0.008							
120	BDL							

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.8

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
121	0.017							
122	0.025							
123	BDL							
124	0.008							
125	0.017							
126	BDL							
127	0.008							
128	0.017							
129	0.008							
130	BDL							
131	BDL							
132	BDL							
133	BDL							
134	BDL							
135	BDL							
136	BDL							
137	0.025							
138	0.017							
139	0.008							
140	0.008							

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.8

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
141	0.017							
142	0.008							
143	0.037							
144	0.017							
145	0.025							
146	BDL							
147	0.017							
148	BDL							
149	0.050							
150	0.008							
151	0.017							
152	0.008							
153	0.008							
154	BDL							
155	BDL							
156	BDL							
157	BDL							
158	0.008							
159	BDL							
160	BDL							
161	BDL							

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.8

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
162	BDL							
163	BDL							
164	BDL							
165	BDL							
166	0.017							
167	BDL							
168	0.008							
169	BDL							
170	0.008							
171	BDL							
189	BDL							
190	0.025							
191	0.008							
192	0.017							
193	BDL							
194	0.008							
195	0.067							
196	0.032							
197	0.032							
198	0.283							

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.8

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
199	0.032							
172	BDL							
173	BDL							
174	BDL							
175	BDL							
176	BDL							
177	BDL							
178	BDL							
179	BDL							
180	0.008							
181	0.017							
182	0.008							
183	BDL							
184	0.017							
185	BDL							
186	BDL							
187	0.008							
188	BDL							

LABORATORY ASSAY REPORT

LABORATORY: ANALABS. WESTERN AUSTRALIA. DATE: 21.09.87 / 25.09.8

ASSAY METHOD: ..... ACCURACY: .....

CHEMIST NAME AND COMMENTS: .....

ELEMENTS: ASSAYS IN PPM UNLESS OTHERWISE STATED

Sample No.	Au							REMARKS
200	0.017							
201	0.008							
202	BDL							
203	BDL							
204	BDL							
205	BDL							
206	0.008							
207	BDL							
208	BDL							
209	0.008							
210	BDL							
211	BDL							

APPENDIX 3.

Soil Sampling Results

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 / 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
1		Soil Samples - Line 1			
2		" " " " "			
3		" " " " "			
4		" " " " "			
5		" " " " "			
6		" " " " "			
7		" " " " "			
8		" " " " "			
9		" " " " "			
10		" " " " "			
11		" " " " "			
12		" " " " "			
13		" " " " "			
14		Soil Samples - Line 2			
15		" " " " "			
16		" " " " "			
17		" " " " "			
18		" " " " "			
19		" " " " "			
20		" " " " "			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
21		Soil Samples - Line 2			
22		" " " " "			
23		" " " " "			
24		" " " " "			
25		" " " " "			
26		" " " " "			
27		" " " " "			
28		" " " " "			
29		" " " " "			
30		" " " " "			
31		" " " " "			
32		" " " " "			
33		" " " " "			
34		" " " " "			
60		Soil Samples - Line 3			
61		" " " " "			
62		" " " " "			
63		" " " " "			
64		" " " " "			
65		" " " " "			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 / 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
66		Soil Samples - Line 3			
67		" " " " "			
68		" " " " "			
69		" " " " "			
70		" " " " "			
71		" " " " "			
72		" " " " "			
73		" " " " "			
74		" " " " "			
75		" " " " "			
76		" " " " "			
77		" " " " "			
78		" " " " "			
79		" " " " "			
80		" " " " "			
81		" " " " "			
82		" " " " "			
83		Soil Samples - Line 4			
84		" " " " "			
85		" " " " "			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 / 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
86		Soil Samples - Line 4			
87		" " " " "			
88		" " " " "			
89		" " " " "			
90		" " " " "			
91		" " " " "			
92		" " " " "			
93		" " " " "			
94		" " " " "			
95		" " " " "			
96		" " " " "			
97		" " " " "			
98		" " " " "			
99		" " " " "			
100		Soil Samples - Line 5			
101		" " " " "			
102		" " " " "			
103		" " " " "			
104		" " " " "			
105		" " " " "			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 / 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
106		Soil Samples - Line 5			
107		" " " " "			
108		" " " " "			
109		" " " " "			
110		" " " " "			
111		" " " " "			
112		" " " " "			
113		" " " " "			
114		" " " " "			
35		Soil Samples - Line 6			
36		" " " " "			
37		" " " " "			
38		" " " " "			
39		" " " " "			
40		" " " " "			
41		" " " " "			
42		" " " " "			
43		" " " " "			
44		" " " " "			
45		" " " " "			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
46		Soil Samples - Line 6			
47		" " " " "			
48		" " " " "			
49		" " " " "			
50		" " " " "			
51		" " " " "			
52		" " " " "			
53		" " " " "			
54		" " " " "			
55		" " " " "			
56		" " " " "			
57		" " " " "			
58		" " " " "			
59		" " " " "			
115		Soil Samples - Line 7			
116		" " " " "			
117		" " " " "			
118		" " " " "			
119		" " " " "			
120		" " " " "			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
121		Soil Samples - Line 7			
122		" " " " "			
123		" " " " "			
124		" " " " "			
125		" " " " "			
126		" " " " "			
127		" " " " "			
128		" " " " "			
129		" " " " "			
130		Soil Samples - Line 8			
131		" " " " "			
132		" " " " "			
133		" " " " "			
134		" " " " "			
135		" " " " "			
136		" " " " "			
137		" " " " "			
138		" " " " "			
139		" " " " "			
140		" " " " "			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 / 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
141		Soil Samples - Line 8			
142		" " " " "			
143		" " " " "			
144		" " " " "			
145		" " " " "			
146		" " " " "			
147		" " " " "			
148		" " " " "			
149		Soil Samples - Line 9			
150		" " " " "			
151		" " " " "			
152		" " " " "			
153		" " " " "			
154		" " " " "			
155		" " " " "			
156		" " " " "			
157		" " " " "			
158		" " " " "			
159		" " " " "			
160		" " " " "			
161		" " " " "			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 / 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
162		Soil Samples - Line 9			
163		Soil Samples - Line 10			
164		" " " " "			
165		" " " " "			
166		" " " " "			
167		" " " " "			
168		" " " " "			
169		" " " " "			
170		" " " " "			
171		" " " " "			
189		" " " " "			
190		" " " " "			
191		" " " " "			
192		" " " " "			
193		" " " " "			
194		" " " " "			
195		" " " " "			
196		" " " " "			
197		" " " " "			
198		" " " " "			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 / 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
199		Soil Samples - Line 10			
172		Soil Samples - Line 11			
173		" " " " "			
174		" " " " "			
175		" " " " "			
176		" " " " "			
177		" " " " "			
178		" " " " "			
179		" " " " "			
180		" " " " "			
181		" " " " "			
182		" " " " "			
183		" " " " "			
184		" " " " "			
185		" " " " "			
186		" " " " "			
187		" " " " "			
188		" " " " "			

SAMPLER'S FIELD SHEET

SAMPLER: Greg LEAR DATE: August/September

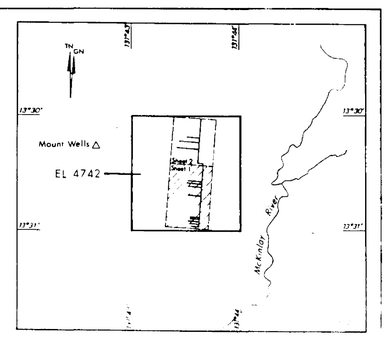
PROSPECT: SPEARGRASS STATE: Northern Territory LICENCE No.: EL 4742

MAP SHEET: Pine Creek 1:100 000

SAMPLES SENT TO: Analabs W.A. DATE: 15.09.87 22.09.87 SPL DESPATCH ADVICE No.:

Sample No.	A M G Co-ORDS	DESCRIPTION	Sample Width		
200		Soil Samples - Line 12			
201		" " " " "			
202		" " " " "			
203		" " " " "			
204		" " " " "			
205		" " " " "			
206		" " " " "			
207		" " " " "			
208		" " " " "			
209		" " " " "			
210		" " " " "			
211		" " " " "			

SHEET 2
SHEET 1



5900N

5600N

5400N

5300N

5200N

5100N

5000N

TN GN

GXS 08 X 0 008

GXS 07 X 0 007

GXS 06 X 0 007

GXS 05 X 0 008

GXS 04 X 0 025

GXS 03 X 0 358

GXS 02 X 0 022

GXS 01 X 4 90

FDI X 3 13

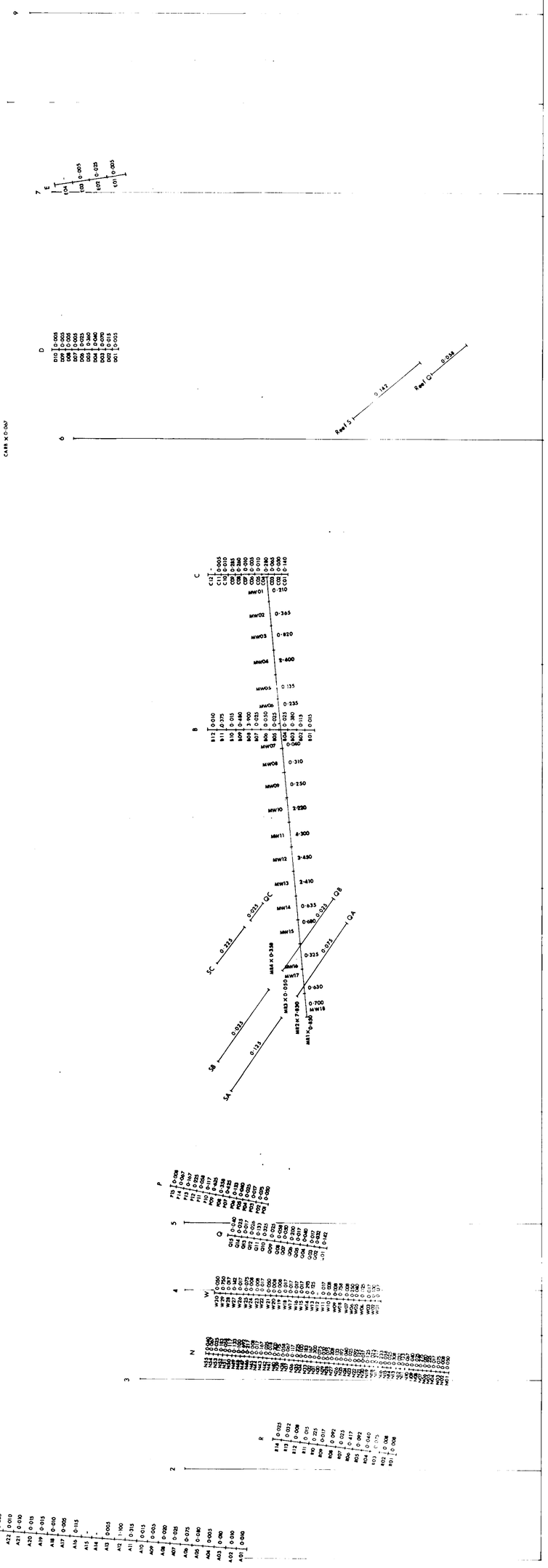
4500E

4600E

4700E

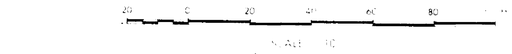
4800E

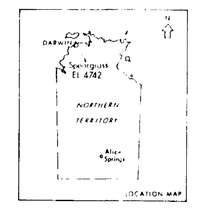
CAIR X 0 007



LEGEND

N14 0.025 Rock chip sample Au (ppm)





FREEPORT

SPEARGRASS EL 4742

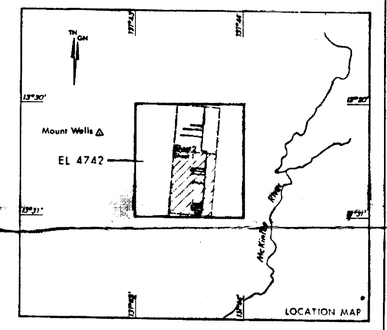
ROCK CHIP GEOCHEMISTRY

Au

DATE Oct 198
SCALE 1:1000
FIG 2

CR 87/258

SHEET 2
SHEET 1



5900N

5800N

TN GN

10 X -

5700N

250 X 20

1450 X 30

5600N

170 X -

195 X -

5500N

145 X 1·0

280 X 1·0

5400N

2·05% X 70·0

5% X 100

5300N

5200N

5100N

5000N

4500E

4600E

4700E

4800E

4900E

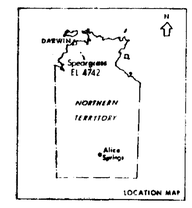
5000E

LEGEND

696 1·0 Pb (ppm) Ag (ppm)

20 0 20 40 60 80 100 M

SCALE 1:1000



FREEPORT

SPEARGRASS EL. 4742

ROCK CHIP GEOCHEMISTRY

Pb / Ag

SHEET 1

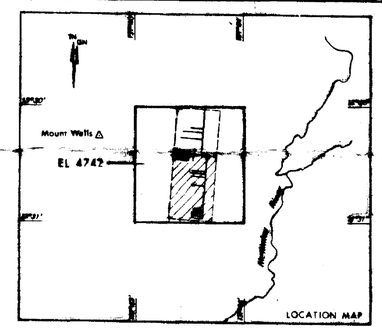
AUTHOR G Lear DATE Oct. 1987

DRAFTED J D L SCALE 1:1000

FIG 3

CR87/258

SHEET 2
SHEET 1



5900N

5800N

TN GRID

5700N

5600N

5500N

5400N

5300N

5200N

5100N

5000N

4500E

4600E

4700E

4800E

4900E

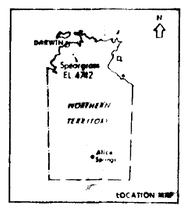
5000E

LEGEND

Soil sample location and number | Au (ppb)

20 0 20 40 60 80 100 M

SCALE 1:1000



FREEPORT

SPEARGRASS E.L. 4742

SOIL SAMPLE LOCATIONS AND GEOCHEMISTRY Au

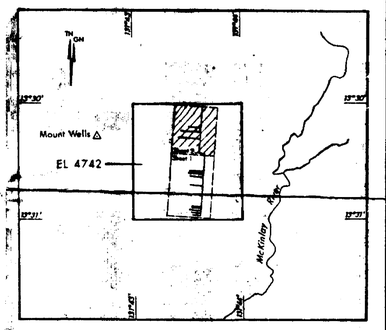
SHEET 1

AUTHOR G Lear	DATE Oct. 1987	FIG 4
DRAFTED JDL	SCALE 1:1000	

CR87/258

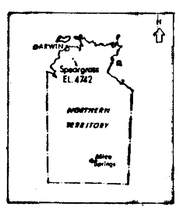
4500E
4600E
4700E
4800E
4900E
5000E

6800N
6700N
6600N
6500N
6400N
6300N
6200N
6100N
6000N
5900N



T.N GN

SHEET 2
SHEET 1



LEGEND

ex 50 — Soil sample location and number | Au (ppb)

exxxxx — Rock chip sample location and number = Au (ppm)

20 0 20 40 60 80 100 m

SCALE 1:1000

FREEPORT

SPEARGRASS EL 4742

SOIL SAMPLE LOCATIONS AND GEOCHEMISTRY

Au

SHEET 2

AUTHOR G.Leon DATE Oct. 1987

DRAFTED J.D.L SCALE 1:1000

FIG 4

CR87/258