ACACIA RESOURCES LIMITED

SECOND ANNUAL REPORT FOR EXPLORATION LICENCE

EL 7921 - MT. FREDERICK JV

Period 24.3.94 - 23.3.95

AUTHORS: J. Detheridge
D. Sewell

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SUMMARY

Exploration within EL 7921 during the 1994 field season consisted predominantly of geochemical sampling (≈87.5 line km) along regional traverse lines 1-8, 34 and outcropping sections of line 10 in the northern region, and geochemical sampling of lines 17-31 and Grid 6 in the southern region of the licence. A detailed photo interpretation was completed for the entire EL and previous explorers data (available from open file) was reviewed and integrated with current data. A total of 25 samples from regional lines returned anomalous values ≥ 2ppb from 1519 submitted samples.

1.0 INTRODUCTION

1.1 Tenement Status

Exploration Licence EL 7921 (totalling 128 blocks) was applied for in August 1992 and was granted on the 24th of March 1993. The EL is part of the Mt Frederick JV which is a 50:50 joint venture between Acacia Resources Limited and Otter Exploration NL. Acacia Resources manage and operate the joint venture. An application for waiver of reduction of 64 blocks was lodged with the NTDME on 25th January 1995.

This second annual report details work completed and results gained by Acacia Resources Limited (formerly Billiton Australia) The Metals Division of the Shell Company of Australia Limited within EL 7921 between the 23/3/1994 and the 23/3/1995.

1.2 Location and Access

EL 7921 is situated approximately 700 kms north west of Alice Springs or about 340 km south east of Halls Creek, WA (refer Figure 1).

The Tanami track dissects the tenement however access within the tenement is restricted to cross country navigation.

1.3 Physiography

EL 7921 consists mainly of an undulating to flat landscape with varying degrees of sand cover. Subcrop is apparent on some low ridges.

The main vegetation found in the area consists of spinifex, acacias and stunted eucalypts.

Average rainfall for the area is 200mm/year which falls between the months of December and February.

1.4 Landholder Negotiations

Sacred site clearances were obtained from the traditional owners of the area for the 1994 program in July 1994.

2.0 GEOLOGY

2.1 Regional Geology (After Blake et al)

The Granites-Tanami complex consists of Archaean - ? Early Proterozoic metasediments, metavolcanics and unmetamorphosed sedimentary and volcanic rocks with intrusive Early Proterozoic and Carpentarian granites (refer Table 1).

The Blocks appears to be separated from the Halls Creek Province to the northwest by a concealed northwest trending major fault, with the Block thought to merge southward into the Arunta Block (Figure 2).

The above concealed fault is though to be the boundary between the unmetamorphosed Carpentarian and Adelaidean sedimentary rocks of the Birrindudu Basin and an unnamed basin. Palaeozoic marine sediments of the Wiso and Canning Basins unconformably overlie the Precambrian rocks to the east and west respectively.

The lithologies of the Killi Killi Beds (Atk) form the western portion of the Tanami Complex in the region and are equivalent to the Mt Charles Beds found towards the east. These are the oldest rocks which occur in the area and are the host rocks for all the known gold and sulphide mineralisation occurrences.

The Killi Killi Beds consist of fine grained, thinly bedded to laminated cherts, phyllitic, psammitic and silicified siltstone, interbedded greywacke, siltstone and shale, low-medium grade metamorphic rocks; altered basic volcanics and occasional acid lavas and pyroclastics (refer Table 1).

Lithological and lithogeochemical information indicates a shallow marine, predominantly stable depositional environment for the Killi Killi Beds. The rocks have undergone regional greenschist-amphibolite facies metamorphism.

The lithologies of the Tanami complex are extensively intruded by mid Proterozoic to of Carpentarian granites?? Minor outcrop can be found in the Mt Frederick area, of the Slately Creek Granite (Pgs). The granites are spatially related to the known gold mineralisation but a direct correlation between the mineralisation and granitic intrusions has not been established.

Unconformably overlying the Killi Killi Beds are conglomerates and sandstones of the Gardiner Sandstone (Pdg), a lower member of the Carpentarian Birrindudu Group. The Gardiner Sandstone forms shallow dipping, extensive strike ridges and plateaus throughout isolated areas in the block.

2.2 Local Geology

2.2.1 Stratigraphy

Mapping observations from within the licence (Figure 3) have indicated the prominent rock types belong to the Killi Killi Beds and consist of siltstones with pencil textures, mudstone, shale, slate, silicified micaceous sandstone/greywacke, and a crenulated schist. A volcaniclastic siltstone is also present. The prominent direction of strike is 340-350°M with a subvertical dip. On the western section of Grid 6 small outcrops of Slaty Creek granite occur (refer to Figs 3 and 9). Mapping of outcrop and drill chips from regional traverse lines suggest that the central portion

TABLE 1

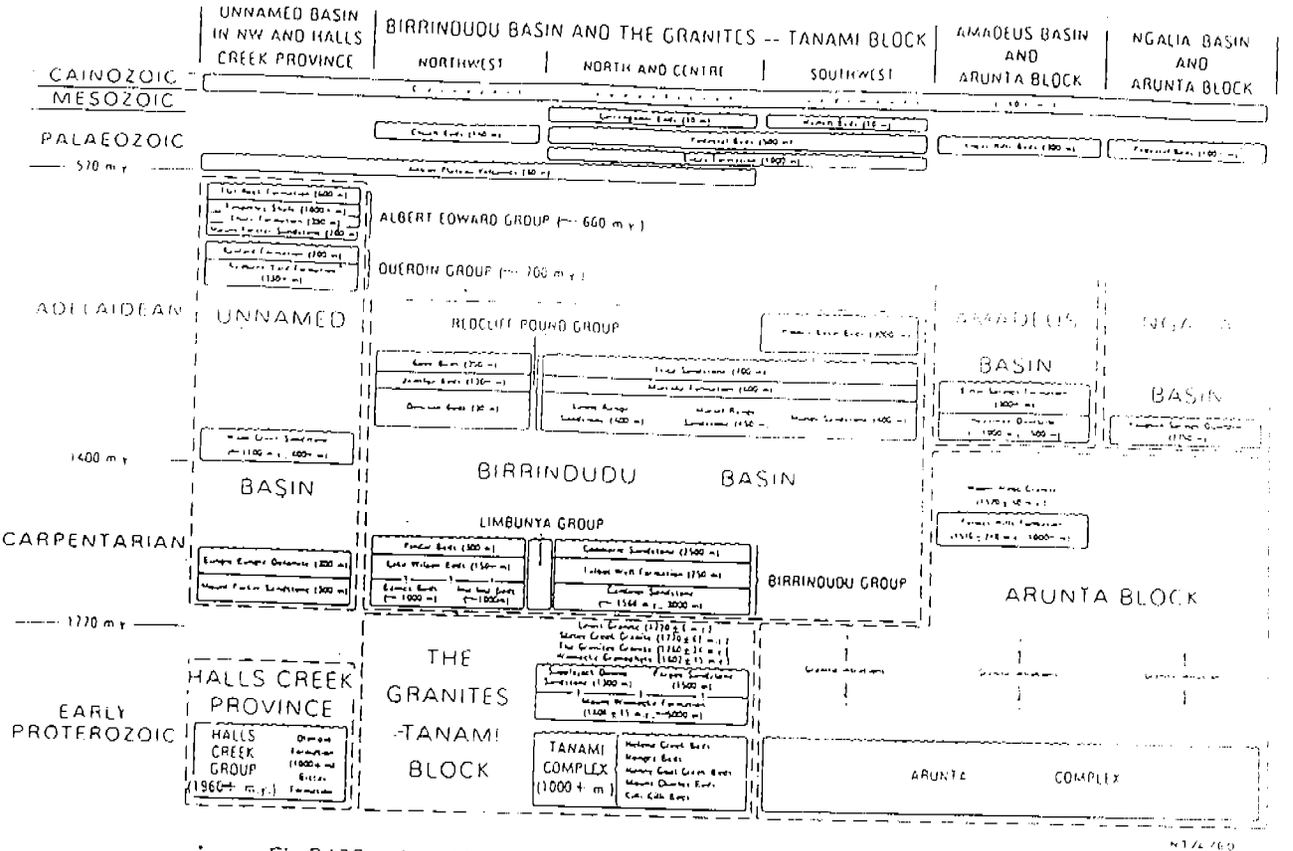

Fig. 2-12 Stratigraphic correlation chart for The Granites-Tanami region.

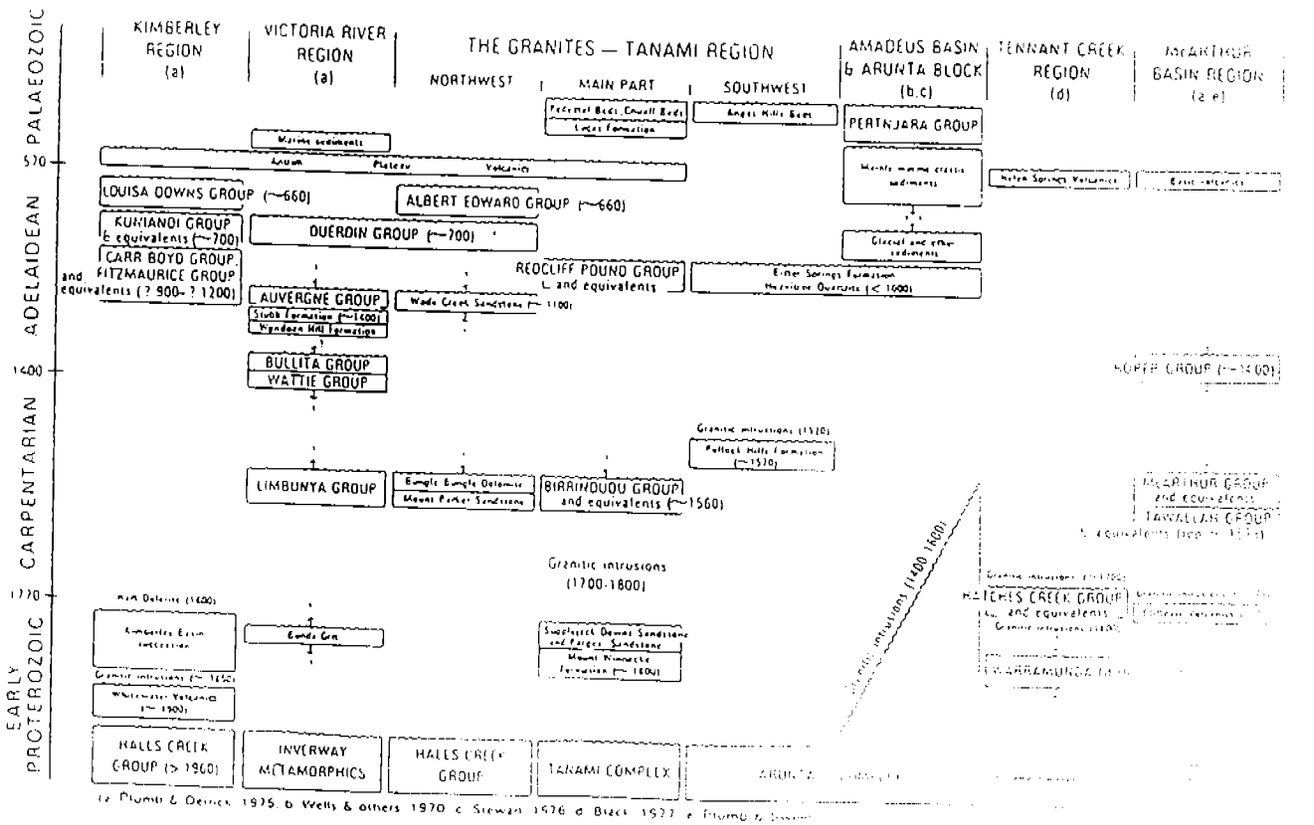

Fig. 2A Regional correlation chart—Precambrian and Palaeozoic (isotopic ages in m.y.)

FROM BLAKE et. al. 1979

of the granite intrusive is more biotite rich, with the outer margins (adjacent to Grid 6) having a porphyritic texture with quartz and potassic feldspar being prominent in mineralogy.

Field observations suggest that several stages of deformation have taken place based upon the presence of isolated parasitic folds, a crenulated schist, and 2 jointing orientations. Within the more ductile rocktypes the deformation is accommodated by an intense cleavage parallel to bedding and strong folding. In contrast the more brittle silicified micaceous sandstone/greywacke has at least two jointing orientations with stringer veination. Major vein sets within Grid 6 trend approximately north-south and appear folded along with their host rocks suggesting vein emplacement occurred prior to regional deformation.

2.2.2 Regolith

North of the Tanami track underlying Quaternary alluvial and aeolian sands adjacent to outcropping Killi Killi Beds, secondary lateritised transported bedrock rubble (Qz) and vein rubble (Czq) occurs.

The exploration tenement is extensively covered by Quaternary alluvial and aeolian sands and clays with minor Tertiary silcrete and calcrete. Outcrop within EL7921 is more prominent south of the Tanami track whereas the northern region has a greater abundance of transported cover.

South of the Tanami track the weathered bedrock is either outcropping or covered by Quaternary alluvial and aeolian sands.

3.0 PREVIOUS INVESTIGATIONS

Prior to Acacia's involvement, parts of EL 7921 were held in EL's 4829, 4828 and EL 6457 (these were later superceded by SEL 7423) by the Western Desert Joint Venture (WDJV) between PNC and WMC. PNC was exploring almost exclusively for Uranium. Their exploration effort decreased in 1990 at which time WMC began exploration aimed primarily at gold. That portion of SEL 7423 relating to the current EL 7921 was relinquished by WMC in April 1992.

PNC's early exploration effort involved acquisition of colour and black and white aerial photography, aeromagnetic and radiometric data and reconnaissance outcrop mapping. Most of the mapping was concentrated around the southern part of the current EL in an area referred to as area 28. Ground magnetic and EM37 surveys were carried out over selected regions of the mapping areas. Minor geochemical sampling for gold was undertaken in sites that were thought to be conducive for gold mineralisation. Sampling was biased towards prospective quartz veining, altered units and gossanous areas. The maximum assay result reported was 1.05g/t Au from a vughy quartz vein. The average grade of the rockchip samples collected was 0.08g/t Au.

WMC's work included mostly regional investigations within the constraints set by access to land. Their database included BMR, NTDME and PNC aeromagnetic, Landsat TM imagery and airphoto interpretation. Exploration work completed comprised; interpretation of image processed magnetics and reconnaisance lag sampling on road and track verges. Samples were analysed for Au (ppb), As, Cu, Cr and Ni.

4.0 WORK COMPLETED YEAR ENDING 23 MARCH 1995

4.1 Data acquisition

A data swap was concluded with PNC whereby detailed aeromagnetic and radiometric coverage of the Mt Frederick JV tenement was obtained. This data has previously been reported by PNC and WMC. The aeromagnetic data was reprocessed by Acacia and used to plan the regional sampling program. A colour image showing the reprocessed aeromagnetic total field data is in Figure 4.

4.2 Air Photo Interpretation

An aerial photographic interpretation was completed over the entire licence area. The interpretation was completed using colour 1:25,000 scale aerial photographs flown by Airesearch during 1993. Compilation was carried out at 1:50,000 scale for convenience (see Figure 5). Emphasis for the interpretation was placed on defining areas suitable for surface sampling.

4.3 Regional Sampling (Soil and Rockchip)

During the 1994 field season two large aeromag anomalies were targeted from the PNC aeromagnetics as possible areas of interest (refer to Figure 6). A total of 113 line kilometres of soil traverses were surveyed in which were navigated using a Magellan GPS. These lines initially regolith mapped to determine those portions to be sampled by either auger or post hole RAB, depending upon the thickness of the transported material. Regional regolith geology based on the rab and auger work is shown in Figure 3.

A total of 87.5km was sampled at 50m spacing (of this 45.70km by augering and 41.35km RAB). 3138m was drilled by post hole RAB to an average depth of ~4m. A total of 1519 samples were analysed from the regional lines (refer to Figs 7 and 8). All samples were sieved to a +1 -10mm size fraction to remove all aealian and alluvial material. The soil samples were submitted to Amdel laboratories for low level fire assay (FA3) with a 1ppb detection limit.

The most common sample media collected was a saprolite or weathered bedrock consisting of either granite, siltstone, sandstone/greywacke. Occasional mottled zone samples were taken where transported cover was deep. Fifteen (15) rockchip samples were also taken between regional lines 22-23, mainly from ferruginous sections of quartz vein outcrops where box work textures and/or visible pyrite was evident. Rockchip samples were submitted to Amdel laboratories and analysed for low level gold by fire assay (FA3) with a 1ppb detection limit. Other elements which were analysed by ICP (Method IC3E) included: Cu, Pb, Zn, As, Bi, Ag, Fe, Mn, Mo, Sn and W. In addition a full scan was carried out on selected samples with additional elements analysed including: Ca, Cd, Ce, Co, Cr, K, Mg, Na, Nb, N, P, Sr, Ti, V, Y, Zr, In, Te, Sb, Cs, La, Tl, Th, Ba, Se, Rb, Ga, Ta, U and Hf.

Rockchip sample descriptions are in Appendix 1 and soil sample record sheets are in Appendix 2.

4.4 Regional Regolith and Geology

Figure 3 shows the regional regolith and geology covering EL7921. There is no residual laterite development over the granite or sandstones. Refer to section 2.2.2.

4.5 Regional Assay Results

Of the 1519 samples submitted for FA3 analysis, 25 samples returned Au values of ≥ 2 ppb. Of these, 15 samples were at 2ppb, 3 samples at 3ppb, and 7 samples ≥ 4ppb Au (refer to Table 2 and Appendix 3). These anomalous samples occur as clusters on regional lines 4, 7, 22, 23, 24, 25 and 27 with individual spot samples on lines 3, 5, 18, 21, 29 and 30 (refer to Figure 8).

TABLE 2 - Anomalous results from Regional Samples

MT FRED SOUTH

LINE	DIST ALONG LINE	SAMPLE NO	ASSAY PPB	SAMPLE DESCRIPTION
27 N-S	300	459289	12	Wb - Granite
"	350	459290	2	Wb - Granite
"	400	459292	39	Wb - Granite
25 N-S	2500	459437	2	Wb - Granite
"	2650	459440	2	Wb - Granite
"	2700	459441	2	saprolitic granite
24 S-N	650	459465	2	saprolitic granite
"	700	459466	2	saprolitic granite
18 S-N?	2400	459630	3	shale + minor qtz
21S-N	750	459707	2	saprolitic siltstone
23	800	459838	10	Wb - micaeous siltst + minor qtz
30	0	459839	3	Wb - granite + minor Qtz
29 E-W	450	459853	4	Wb - Granite

MT FRED NORTH

LINE	DIST ALONG LINE	SAMPLE NO	ASSAY PPB	SAMPLE DESCRIPTION
3 S-N	4050	545465	2	transported sand/clay + qtz
4 N-S	1300	545485	2	transported sand/clay + qtz
4 N-S	2200	545498	2	trans sand/sandst/qtz
4 N-S	2300	545500	2	sandstone + minor qtz
4 N-S	2350	545501	2	sandstone + minor qtz
4 N-S	2400	545502	2	sandstone/clay + minor qtz
5 S-N	5000	545599	2	clay + minor qtz
7 S-N	2450	545778	6	sandstone + Fe sand
7 S-N	3600	545802	3	Fe sand/Fe rock/Minor qtz
7 S-N	3650	545803	10	clay/sandstone
7 S-N	3700	545804	7	clay/sandstone + minor qtz
7 S-N	3750	545805	2	clay/sandstone + minor qtz

4.6 Gridding and Detailed mapping

A total of 7 line kilometres of gridding was completed at Grid 6 to follow up sampling from anomalous results in 1993. Grid lines were spaced 200m apart with wooden pegs placed every 50m along the lines. Regolith and geology for the grid area is in Figure 9. A total of 6 line km of augering was completed and 126 soil samples submitted (refer to Figure 10). Forty three (43) samples returned Au values $\geq$ 2ppb with the highest being 95ppb (refer to Figure 11). Twelve (12) rockchip samples were also submitted from the Grid 6 area primarily from gossanous quartz vein outcrops with some having visible pyrite and well developed boxwork textures.

Results for rockchip sample numbers 354806-809, 354831, 354857-863 which are situated within or close to the periphery of Grid 6 gave gold values ranging from 2-173ppb (refer to Figure 11 and Appendix 3 for multi element analysis).

Detailed mapping of Grid 6 has indicated that the prominent direction of strike of the Killi Killi Beds is approximately north-south. Bedding reversals locally are suggestive of small fold structures.

5.0 ENVIRONMENTAL

5.1 Disturbance

All regional exploration was conducted in a fashion that restricted environmental disturbance to a minimum. The use of a global positioning system (GPS) enabled accurate navigation during regional sampling and hence reduced the amount of vehicle traverse tracks and vegetation disturbance.

Exploration in the reporting period was low impact and included surface sampling using an auger or rab rig. An environmental register has been compiled for the EL (refer Appendix 4).

Where a power auger or post hole RAB drilling was required for shallow hole (1-12m), geochemical sampling all holes were filled in on completion. Plugs were inserted below ground level for holes deeper than 5m.

6.0 CONCLUSION AND RECOMMENDATIONS

The regional sampling programme at Mt Frederick has outlined a number of anomalous areas that will require follow up sampling. The most significant anomalies occur in clusters on regional lines 4, 7, 22, 23, 25 and 27 (refer to Figure 8). Isolated anomalies have also been defined on lines 21, 24, 29 and 30. Detailed sampling at Grid 6 has also indicated that the stronger gold anomalies are associated with quartz vein outcrops.

7.0 PROPOSED WORK AND EXPENDITURE YEAR ENDING 23 MARCH 1996

7.1 Proposed Work Program

The proposed work program for 1995 is designed to better define and extend anomalous areas detected by the 1994 regional sampling. This will involve additional geochemical sampling adjacent to clusters of anomalies on lines 4, 7, 22, 23, 25 and 27. It is anticipated that most of this follow-up sampling will be grid based. In addition, geochemical sampling will be completed on lines 9, 10 (in part) and 11-16.

A further 90-100km of new regional lines are proposed to systematically cover the Mt Frederick EL. These new regional lines will test the corridor of Killi Killi Beds between the granite intrusions in the north and south of the licence.

A contingency for 600m of angled RAB holes is planned to test the strongest geochemical anomalies within Grid 6 as defined by the first phase of sampling.

Further geophysical work including ground magnetics and processing and interpretation of the dataset acquired from PNC.

7.2 PROPOSED EXPENDITURE

	$
Soil and rockchip sampling and mapping for 2.5 man months @ $30,000/month	75,000
Assays	18,500
Drilling	80,000
Drill Assays	5,000
Geophysics	4,000
Access/Rehabilitation	2,000
Sacred Site Clearances	5,000
Overheads	23,700
Sub Total	**213,200**

8.0 EXPENDITURE STATEMENT YEAR ENDING 23 MARCH 1995

EXPLORATION LICENCE 7921 - MT FREDERICK JV
Expenditure for the period 24.3.94 to 23.3.95

	$
Regional Office	60,312.00
Tenement Costs	2,710.00
Geochemical Surveys	13,671.00
Drilling (RAB)	28,091.00
Overheads	13,098.00
TOTAL EXPENDITURE:	$117,882.00

9.0 REFERENCES

BLAKE, D.H., HODGSON. I.M., MUHLING, A.C., 1979
Geology of the Granites - Tanami Region:
BMR BULLETIN 197, 91p

CAPP, S.C., and WILLIAMSON. G., 1994
Annual Report for Exploration on EL 7921 - MT Frederick
Billiton Australia Report (Unpubl. 08.7022)

APPENDIX 1

ROCKCHIP SAMPLE DESCRIPTIONS

MT FREDERICK ROCK SAMPLE DESCRIPTIONS

SAMPLE NO	LOCATION	DESCRIPTION
354806	20000N - 10140E -Grid 6	20m grab sample of gossanous quartz vein with well developed boxworks visible
354807	20000N - 9780E - Grid 6	sample taken 20m north of co-ords, description is same as above
354808	20200N - 9830E - Grid 6	Fe rich quartz vein hosted within a micaceous siltstone, minor boxwork
354809	20400N - 9850E - Grid 6	Gossanous quartz vein outcrop with well developed boxwork textures
354810	Line 23	Extremely fe rich quartz vein outcrop ≈ 2.75km up line 23, refer to regolith map
354831	20015N - 10120E Grid 6	Qtz vein o/c visible pyrite, hematite minor boxwork in a greywacke
354832	line 22 (300m East) 505673E - 7789900N	Qtz vein o/c fe rich in costean 1 hosted in sediment
354833	line 22 (300m East) 505621E - 7789845N	Fe rich qtz vein o/c in costean 2
354844	506913E - 7789655N	Line 23, Fe rich qtz vein o/c
354845	505614E - 7790171N	Fe rich qtz vn o/c hosted in folded
354846	505645E - 7790097N	Fe rich qtz vn, mildly brecciated
354847	505702E - 7790083N	Fe rich qtz vn abundant Fe/hm
354848	505935E - 7789992N	Stringer veins
354849	506036E - 7789939N	Qtz vn o/c boxworking pyrite
354850	506059E - 7789853N	Qtz vn o/c minor boxwork texture sporadic Fe/hm
354851	506511E - 7789661N	Qtz vn o/c minor boxworking
354852	506518E - 7789567N	Qtz vn o/c on ridge boxworking
354853	506541E - 7789520N	Qtz vn o/c on ridge minor boxwork
354854	506704E - 7789427N	Qtz vn o/c on ridge minor boxwork
354855	506767E - 7789368N	Qtz vn o/c minor boxworking, weathered
354856	506913E - 7789655N	Fe rich qtz vn o/c pyrite boxwork
354857	505940E - 7786936N	Fe rich milky qtz vn, minor boxworking
354858	9700E - 20450N - Grid 6 506017E - 7786906N	Fe qtz vein, boxwork
354859	506034E - 7786917N - Grid 6	Qtz vn o/c Fe rich locally
354860	506238E - 7786909N - Grid 6	Gy-Mi qtz vn o/c minor boxwork
354861	9700E - 20235N - Grid 6 505902E - 7786708N	Qtz vn o/c, abundant pyrite
354862	505909E - 7786716N - Grid 6	Qtz vn o/c Fe rich in place boxworked
354863	505865E - 7786606N - Grid 6	Qtz vn o/c minor boxworking

APPENDIX 2

SOIL SAMPLE RECORD SHEETS

Shell METALS DIVISION

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: Mt Fred LOC. CODE: HL-10 HOLE/GRID/OTHER:

SAMPLE TYPE: RAB/PHRAB SIEVE MESH: SAMPLER: JED + WAYNE DATE: 24/9/91

S.D.O. Nº: LAB: ASSAY REP. Nº: DUPLICATE STORAGE:

SAMPLE Nº PREFIX/NUMBER	LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION/REMARKS
1				
2				
3				
4		58 - 60		
5				
6				
7				
8				
9		69 - 70		
Nº 459260				
1		72 - 73		EOH
Mt FRED ☆ 2	0m	3+4	5m	Wth bedr. Silt st. 505864E 7787293N
SOL 31 E 3	50	4+5	6	" "
4	100	7+8	9	Wth granite.
5	150	"	9	" "
6	200	10+11	11	Wb - granite
7	250	11+12	12	" " 505643E 7787204N
8	300	10+11	11	" "
9	350	11	11	" "
Nº 459270	400	12	12	" "
1	450	12	12	98 " "
2	500	13+14	14	" " 505304E 7787100N
3		11+12	12	" "
4	600	11	11	" "
5		9	9	" "
6	700	9	9	" "
7		7	7	" "
8	800	6	6	" "
9		6	6	" "
Nº 459280	900	6	6	80 " "
1		6	6	" "
EOL 31W 2	1000m	8+9	9	" " 504645E 7787163N
SOL 27N 3	0m	3	3	" " 504042E 7786932N
4		3	3	" "
5	100	3	3	" "
6		3	3	" "
7	200	2	2	" "
8		1	1	" "
9	300	0	0	" " Hand sample.
Nº 459290		0	0	" " "
1	~~~	~~~	~~~	STD 35 ppb.
2	400	0	0	" " "
3		0	0	" " "
4	500	0	0	" " 503936E 7786288N
5		2	2	" "
6	600	2	2	" "
7		3	3	" "
8	700	3	3	" "
9		3	3	" "
Nº 459300	800	4	4	97 " "

SAMPLE RECORD

FILE COPY

FRED STH PH RAB LOC. CODE: _____ HOLE/GRID/OTHER: _____ SHEET ____ OF ____

SIEVE MESH: _____ SAMPLER: Scott M. DATE: 14-10

LAB: _____ ASSAY REP. Nº: _____ DUPLICATE STORAGE: _____

SAMPLE Nº PREFIX / NUMBER		LOCATION	DEPTH (m)	FROM / INTERVAL (m)	DESCRIPTION / REMARKS
JE27	1	850m	6	6m	Wb - Granite.
	2	900m	6	6	"
	3		5	5	"
	4	1000	5+6	6	" 503951E 7785626N
	5		6	6	"
	6	1100	6	6	"
	7		6	6	"
	8	1200	7+8	8	"
	9		6	6	"
Nº	459310	1300	6	6	"
	1		7+8	8	"
	2	1400	6+7	7	"
	3		6	6	"
	4	1500	8+9	9	" 3038996E 7784843N
	5		7+8	8	"
	6	1600	8+9	9	"
	7		8+9	9	"
14-10-94	8	1700	8+9	9	126 "
15-10-94	9		7+8	8	"
Nº	459320	1800	7+8	8	"
	1		7+8	8	"
	2	1900	5+6	6	"
	3		5+6	6	"
	4	2000	5+6	6	"
FOL 27S	5	2050	5+6	6	" 503964E 7784098N
SOL 26S	6	0	9+10	12	" 504062E 7784030N
	7		10+11	17	" 502959E 7787378IN
	8	100	14+15	15	M_2 Clay Tr to 9m.
	9		9	9	" Tr to 10m
Nº	459330	200	11+12	12	" Tr to 8m
	1		8+9	9	" Tr to 9m.
	2	300	7+8	9	" Tr to 7m
	3		9	9	" Tr to 6m.
16 holes 162m.	4	400	11+12	12	Wb - Granite Tr to 7m.
17/10/94	5		7+8	8	M_2 Sed?
	6	500	8+9	9	" " + 1Mm qtz.
	7		4+5	6	" " 502946E 7784394N
	8	600	4+5	6	" " + Mm qtz.
	9		4+5	6	" "
Nº	459340	700	5+6	6	" "
	1		5+6	6	" " + qtz.
	2	800	6	6	pisolithic sed. + clay (M_2)
	3		5+6	6	M_2 - sed? + pis.
	4	900	5+6	6	" "
	5		6	6	" "
	6	1000	5+6	6	M_2 - granite? Wb. 502943E 77
	7		5+6	6	Wb - granite
	8	1100	5+6	6	" "

METALS DIVISION

SAMPLE RECORD

FILE COPY

SHEET 1 OF

PROJECT: Mt Fred STM LOC. CODE: HOLE/GRID/OTHER:

SAMPLE TYPE: PM RAB SIEVE MESH: SAMPLER: MN DATE: 17/10/94

S.D.O. Nº: LAB: ASSAY REP. Nº: DUPLICATE STORAGE:

SAMPLE Nº PREFIX/NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION/REMARKS
LINE 26	1	1250m	4	4	Wb granite.
	2	1300m	4+5	5	" "
	3		4	4	" "
	4	1400	4+5	5	" "
	5		3	3	" "
	6	1500	3	3	" " 502899E 7785 392N
	7		3	3	" "
	8	1600	3+4	4	" " + qtz (slightly bm).
	9		3	3	" "
Nº 459360		1700	3	3	" "
	1		2+3	3	" " minor milky qtz.
	2	1800	3	3	" "
	3		3	3	" "
	4	1900	3	3	" "
	5		3	3	" "
	6	2000	3	3	" " 502954E 7785 844N
	7		3	3	" "
	8	2100	2	2	" "
	9		2	2	" "
Nº 459370		2200	2	2	" "
	1		3	3	" "
	2	2300	3	3	" "
	3		2	2	" "
	4	2400	0	0	" "
	5		0	0	" "
	6	2500	0	0	" " 502934E 7786350N
	7		0	0	" "
	8	2600	0	0	" "
	9		0	0	" "
Nº 459380		2700	0	0	" " 502990E 7786645N
	1		0	0	" "
	2	2800	3	3	" " 502900E 7786 635N
	3		6	6	" "
	4	2900	5+6	6	" " minor qtz
EOL 26N	5		5+6	6	" " 502816E 7786 798N
SOL 25N	6	0m	8+9	9	" " 501900E 7787300N
	7		8+9	9	" "
	8	100	11+12	12	" "
	9		9+10	10	" "
Nº 459390		200	9	9	" " + qtz. 501830E 7787197N
	1				35ppb Sb.
	2		9	9	Wb granite.
	3	300	8	8	" "
	4		9	9	" "
	5	400	12	12	" "
	6		12	12	" "
	7	500	9	9	" " 501884E 7786 891N
	8				

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SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: MT FRED STH LOC. CODE: ____ HOLE/GRID/OTHER: ____

SAMPLE TYPE: PM RAB SIEVE MESH: ____ SAMPLER: IAN DATE: 17/10/94

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX / NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION / REMARKS
LINE 25	1	700m	9	9	Wb granite
	2		6	6	" "
	3	800	3+4	4	" "
	4		0	0	19 " "
18/10/94	5	900	3	3	" "
	6		3	3	" "
	7	1000	0	0	" " 501849E 7786447N
	8		3	3	" "
	9	1100	3	3	" "
Nº 459410			3	3	" "
	1	1200	3	3	" "
	2		3	3	" "
	3	1300	3	3	" "
	4		3	3	" "
	5	1400	2	2	29 " "
	6		0	0	" "
	7	1500	0	0	" " 501841E 7785926N
	8		0	0	" "
	9	1600	2+3	3	" " + pis
Nº 459420			3	3	" "
	1	1700	5	5	" "
	2		5	5	" "
	3	1800	6	6	" "
	4		7	7	" "
	5	1900	6	6	" "
	6		6	6	" "
	7	2000	6	6	" " 501[redacted] 7785445N
	8		5	5	" "
85	9	2100	4+5	5	" "
Nº 459430			5	5	" "
	1	2200	6	6	" "
	2		6	6	" "
	3	2300	6	6	" "
	4		6	6	" "
	5	2400	6	6	" " + pis
	6		7	7	" "
	7	2500	7	7	" " 501930E 7784958N
51	8		6	6	" "
	9	2600	7	7	117 " "
Nº 459440			8+9	9	" "
	1	2700	6	6	Sap rdish granite
	2		8	8	Sap/Wb "
	3	2800	7	7	" "
	4		6	6	Sap granite
	5	2900	6	6	Sap/Wb "
	6		6	6	Wb "
	7	3000	6	6	" " 501913E 7784518N
	8				" "

METALS DIVISION

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: Mt Reed SEM LOC. CODE: ____ HOLE/GRID/OTHER: ____

SAMPLE TYPE: PM RAB SIEVE MESH: ____ SAMPLER: IAN DATE: 18/10/94

S.D.O. NO: ____ LAB: ____ ASSAY REP. NO: ____ DUPLICATE STORAGE: ____

SAMPLE NO PREFIX/NUMBER	LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION/REMARKS
EOL 25S 1	3200	4	4	nodular granite 501993E 7784231N
SOL 24S 2	0	3	3	Wb granite 500885E 7784205N
3		3	3	" "
4	100	3	3	" "
5		3	3	" "
6	200	5	5	" "
7		6	6	" " 500855E 7784438N
8	300	6	6	" "
9		5	5	" " 500908E 7784471N
№ 459460	400	6	6	" "
1		6	6	" "
2	500	6	6	" " 500970E 7784633N
3		6	6	" "
4	600	6	6	" "
5		6	6	Saprolitic granite.
6	700	6	6	" "
7		5+6	6	" " + milky qtz.
8	800	6	6	Sild. sed. (Hc?) 500839E 7784858N
9		3	3	Wb granite.
№ 459470	900	5	5	" " + milky qtz.
99 1		3	3	" "
2	1000	4	4	" " 500948E 7785080N
3		4	4	" "
4	1100	5	5	" "
5		3	3	Saprolitic granite.
6	1200	3	3	" "
7		3	3	Wb granite.
74 samples 8	1300	3	3	" "
70 holes 335m 9		3	3 119	Sap/Wb "
№ 459480	1400	5	5	" "
19/10/94 1		3	3	" "
2	1500	4	4	" " 500910E 7785978N
3		4	4	Wb granite + pis.
4	1600	3	3	Wb "
5		3	3	" " + pis.
6	1700	4	4	" " 500878E 7785749N
7		5	5	" "
8	1800	5	5	" "
9		4	4	" " 500855E 7785957N
№ 459490	1900	5	5	" "
1	———	———	———	35 ppb std.
2		5	5	Wb granite.
3	2000	4	4	Sap. granite.
4		3	3	Wb granite.
5	2100	2	2	" " 500960E 7786075N
6		3	3	" "
7	2200	2	2	" "

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SAMPLE RECORD

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SHEET ____ OF ____

PROJECT: MTPYCED LOC. CODE: ____ HOLE/GRID/OTHER: ____

SAMPLE TYPE: PHRAB SIEVE MESH: ____ SAMPLER: JIM DATE: 22/10/94

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX / NUMBER	LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION / REMARKS
L21 1	450	6	6	WH GRANITE PTGY
503946E 7789SIN 2	500	6	6	" " GY
3	550	6	6	PPBN SA/WB - shale.
23/10/94 4	600	6	5-6	BN WB: SS/phyllite Si
5	650	6	5-6	BN SA → SI
6	700	6	5-6	PPBN SA → SI/SH
7	750	6	5-6	BN SA → SI + minor WB S/ST
8	800	5	4-5	PPBN SA → SI
9	850	6	5-6	PPBN + minor WB SI/ST + minor QTZ
Nº 459710	900	6	5-6	MZ → CL
1	950	8	7-8	WB S/ST + 5% MI QTZ. QTZ arenite
504291E → 2	1000m	7	6-7	" " + " " " .
7790207N 3	1050m	6	5-6	SA/WB S/ST SS
4	1100	6	5-6	" " " + 5% MI QTZ
5	1150	6	5-6	CMBN SA → SI
6	1200	6	5-6	BN SA → SI
7	1250	5	3-5	BN WB → QTZ ARENITE? + 7% MI C
8	1300	5	4-5	PP SA → SI
9	1350	5	4-5	GYCM SA → SI
Nº 459720	1400m	3	2-3	PPBN " " .
1	1450m	3	2-3	PPBN " " .
2	1500m	3	2-3	BN SA → SI
504646E → 3	1550	3	2-3	PPBN " " MICAS SI
7790574 N 4	1600	3	2-3	" " " .
5	1650m	3	2-3	CMBN " " .
6	1700	3	1-3	CMBN SA → SI
7	1750	3	2-3	PPBN SA → SI
8	1800	3	2-3	" " " + 3% QTZ MI.
9	1850	3	2-3	" " " + 5% "
Nº 459730	1900	3	2-3	" " .
1	____	____	____	.035 ppm
2	1950	3	2-3	PP SA → SI
504964E → 3	2000	3	2-3	PPBN SA → SI
7790882 N 4	2050	3	2-3	PP SA → SI
5	2100	3	2-3	CMBN SA → SI
6	2150	3	2-3	PP SA → SI
7	2200	3	2-3	GYCM SA → SI
8	2250	3	2-3	PP SA → SI
9	2300	3	2-3	PP SA → SI
Nº 459740	2350	3	2-3	" " "
1	2400	2	1-2	PP SA → SI
2	2450	3	2-3	PPBN SA → SI + ~5% QTZ.
505242E → 3	2500	3	2-3	BNCM " " .
4	2550	3	2-3	CMBN " " .
505500E → 5	2600	3	2-3	CMBN [illegible] → SI E.O.L
7791200N 6	0	3	2-3	PPBN SHALE + WB [illegible] + 3% QTZ S
7790500N 7	50	6	4-6	PPBN SA → SI

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SAMPLE RECORD

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SHEET ____ OF ____

PROJECT: MT FRED STH LOC. CODE: ____ HOLE/GRID/OTHER: ____

SAMPLE TYPE: PHRD SIEVE MESH: ____ SAMPLER: S O DATE: 23/10/94

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX / NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION / REMARKS
4NE 22 COM	1	250	3	2-3	PPBN SA → SI + 20% MI QTZ
505763E →	2	300m	3	2-3	PP SA → SI + 1% QTZ.
→ 7790306N →	3	0	2	1-2	MS BN SA → SI + 5% (50m last auger hole MI QTZ
LINE 22 COM	4	50	3	2-3	PPBN SA → SI
505273E	5	100m	2	1-2	" " " .
7789782N	6	150m	3	2-3	" " " "
	7	200	3	2-3	PPBN SA → SI + minor TRWB → SS
	8	250m	5	4-5	BN SA → SI
	9	300m	5	4-5	PPBN SA → SI
Nº 459760		350m	5	4-5	ARI WB → SI (Phyllite? + 7% MI QTZ)
	1				0.035 ppm
	2	400m	6	5-6	GRI SA → SI
	3	450m	8	7-8	BN " " + minor QTZ - MI
504913E →	4	500m	8	7-8	" " " + 7% MI QTZ (micaceo
7789514N	5	550	5	4-5	PPBN SA → SI (micaceous) + 3% MIC
	6	600m	3	2-3	GY WB → Phyllic GU? + 5% MI Q
	7	650m	3	2-3	" " " - SI? " " .
	8	700m	5	4-5	MS BN SA → SI
	9	750m	6	5-6	BN SA → MICACEOUS SI
Nº 459770		800	2	1-2	BN WB → Phyllic GU?
	1	850	3	2-3	BN SA → GRANITE
	2	900	6	5-6	PIBNGY WB → " " .
	3	950	6	5-6	PIBNGY WB → Granite
504625E →	4	1000	5	4-5	PIBNGY WB → " " .
7789107N	5	1050	6	5-6	" " " .
	6	1100	6	5-6	PIBNGY WB - " + minor CL.
	7	1150	6	5-6	PICM " " .
	8	1200	6	5-6	PICM WB - granite.
	9	1250	6	5-6	" " " .
Nº 459780		1300	6	5-6	PICM " " .
	1	1350	5	4-5	PICM WB - granite.
504287E →	2	1400	6	5-6	GYBN " " .
7788833N	3	1450	3	2-3	PICM WB " .
	4	1500	3	2-3	" " " .
	5	1550	3	2-3	" " " .
	6	1600	3	2-3	" " "
	7	1650	3	2-3	PICM WB - granite.
7788500N	8	1700	2	1-2	" " " .
504000E	9	1750	3	2-3	" " " .
Nº 459790		1800	9	8-9	" " " " . E.O.L LINE
	1				0.035 ppm
START LINE 23	2	0	3	2-3	PICM WB - granite
(S)	3	50	3	2-3	" " " .
7787600N	4	100	3	2-3	PICM WB - granite.
504500E	5	150	3	2-3	" " " .
	6	200	6	4-6	" " " " .
	7	250	6	5-6	PICM WB - granite

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SAMPLE RECORD

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SHEET ____ OF ____

PROJECT: MT FRED STH LOC. CODE: ____ HOLE/GRID/OTHER: ____

SAMPLE TYPE: PITRD SIEVE MESH: ____ SAMPLER: J.O DATE: 24/10/94

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX / NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION / REMARKS
LINE 23 (cont)	1	450	5	4-5	PIORCM WB - granite.
504836E →	2	500	9	8-9	" " " " .
7787968N	3	550	8	7-8	ORGYPI " " .
	4	600	9	8-9	" " " " .
	5	650	9	8-9	GYORPI WB - granite.
	6	700	9	8-9	" " " " .
	7	750	9	8-9	" " " " + ~3% MI QTZ
	8	800	9	8-9	" " " " .
	9	850	9	8-9	PIORGY WB - granite.
Nº 459810		900	9	8-9	" " " .
	1	950	8	7-8	GYORPI " " .
505235E →	2	1000	6	5-6	PIORGY " " .
7788291N	3	1050	6	5-6	GYBNOR SA → granite.
	4	1100	6	5-6	PIORGY WB - granite
	5	1150	6	5-6	" " " .
	6	1200	6	5-6	" " " .
	7	1250	6	5-6	PIORGY WB - granite.
505514E	8	1300	5	4-5	" " " " .
7788517N	9	1350	5	4-5	BN SA → mcaceous SI ?
Nº 459820		1400	3	2-3	BN - WB → phyllic GW?
505548E →	1	0	3	2-3	PPBN - SA → SI
7788955N	2	50	5	4-5	BNMS SA → SI
	3	100m	5	4-5	" " "
	4	150	5	4-5	PPBN SA → SI
	5	200	5	4-5	" " " + GW? frags
	6	250	6	5-6	Bn WB → phyllic GW?
	7	300	9	8-9	Bnpp WB → SISM? + 5% MI
	8	350	9	8-9	Bnpp WB → phyllic GW? +
25/10/94	9	400	9	8-9	PPBn WB → SI - GW? +
Nº 459830		450	9	7-9	GYCM SA → SI
	1				0.035 ppm
506032E →	2	500	6	5-6	Bn WB → s/st GW?
7789066N	3	550	9	8-9	GYCM SA → SI
	4	600	6	5-6	PPBN SA → SI
	5	650	6	5-6	BN SA → mcaceous SI
* EOL 23	6	700	6	5-6	GYBN SA → SI
506234E	7	750	4	3-4	PPBN SA → mcaceous SI
7789273N →	8	800	3	2-3	EOL " WB → mcaceous SI? + 3%
SOL 30 (SY)	9	0	6	5-6	PICM WB - granite + 4% MI QTZ.
Nº 459840		50	5	4-5	Bn - WB → mcaceous SI
7787300N	1	100	6	5-6	Bn - WB → SI - GW? + 5% MI
505800E	2	150	3	2-3	Bn - WB → SI + GW? + 2% MI
505918E →	3	200	2	1-2	BnCM - WB → phyllic GW?
7787453N	4	0	2	1-2	PIORCM - WB → granite.
SOL 29 (cont)	5	50	5	4-5	" " " .
grid	6	100	5	4-5	PIORCM - WB → granite.
505564E	7	150	6	5-6	" " " " .

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SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: MT FRED STH LOC. CODE: ____ HOLE/GRID/OTHER: ____

SAMPLE TYPE: PHRB SIEVE MESH: ____ SAMPLER: T-O DATE: 25/10/84

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX/NUMBER		LOCATION/DEPTH (m)		INTERVAL (m)	DESCRIPTION/REMARKS
LINE 29 (10 MT)	1	350m	3	2-3	PICM WB - granite
	2	400m	3	2-3	" " "
	3	450	3	2-3	PICM WB - granite.
5050911E →	4	500	5	4-5	" " "
7786571N	5	550	5	4-5	PICM WB - granite
	6	600	3	2-3	BN SA → granite.
	7	650	3	2-3	PICM - WB → granite
	8	700	6	5-6	PICM → WB → " "
	9	750	3	2-3	" " "
Nº 459860		800	5	4-5	PIORCM - WB - granite.
	1				0.035 ppm
	2	850	5	4-5	" " " "
	3	900	3	2-3	PIORCM WB - granite
	4	950	3	2-3	ORPICM WB - "
5045971E →	5	1000	5	4-5	PIORCM WB - granite.
7786648N	6	1050	9	8-9	" " " "
	7	1100	9	8-9	" " " "
	8	1150	9	8-9	" " SA → granite
	9	1200	8	7-8	PIORCM WB - granite.
Nº 459870		1250	6	5-6	" " "
	1	1300	3	2-3	" " "
	2	1350	5	4-5	PIORCM - WB → granite.
	3	1400	5	4-5	" " "
	4	1450	5	4-5	" " "
5041211E →	5	1500	5	4-5	" " "
7786670N	6	1550	5	4-5	PIORCM - WB - granite
	7	1600	6	4-6	PIORCM - SA → granite.
	8	1650	6	5-6	" WB - granite.
20m East of Intersect line 27	9	1700	3	2-3	PIORCM - WB - granite.
Nº 459880		1750	3	2-3	" " "
	1	1800	2	1-2	" " "
	2	1850	1	0-1	" " "
	3	1900	2	1-2	" " "
	4	1950	2	1-2	PIORCM - WB → granite.
5036331E →	5	2000	2	1-2	" " "
7786584N	6	2050	5	4-5	PIORCM - WB → granite.
	7	2100	3	2-3	" " " "
	8	2150	5	4-5	" " " "
	9	2200	5	4-5	" " " "
Nº 459890		2250	6	5-6	PIORCM - WB - granite
	1				0.035 ppm
	2	2300	6	5-6	PIORCM - WB → granite
	3	2350	6	5-6	" " " "
	4	2400	3	2-3	" " " "
	5	2450	4	3-4	PIORCM - WB - granite.
5031161E →	6	2500	4	3-4	" " "
7786567N	7	2550	2	1-2	PIORCM - WB → granite.
5030008E	8	2600	1	0-1	" " "
7786500N →	9	2650	2	1-2	PIORCM - WB → granite. EOL 29.
Nº 459900		0	12	4-5	TRTL? above MSONCM - MZ

№ 460240	3300			5-6	PP – SA –> SI below TR TLSOCL + G
514000E →	1	19400N	9550E	2-3	CM - WB - PG below 2M ~~NE~~ TRSI
3/11/94	2		9650	2-3	MS - WB - SS below 1m TRSD
	3		9750	3-4	MS - WB - SS below 2m TRSD
	4		9850	3-4	MS - WB - SS
	5		9950	3-4	AS ABOVE
	6		10050	3-4	RD - TR - SD
	7	19400N	10150	3-4	AS ABOVE

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SAMPLE RECORD

FILE COPY

SHEET ___ OF ___

CT: CDSV LOC. CODE: ___ HOLE/GRID/OTHER: MT. FRED

PLE TYPE: AUGER SIEVE MESH: 1mm-10mm SAMPLER: S.C-S/J.W. DATE: 3/11/94

P.O. Nº: ___ LAB: ___ ASSAY REP. Nº: ___ DUPLICATE STORAGE: ___

SAMPLE Nº PREFIX/NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION/REMARKS
19600 cnt'd	1	19600N	9850E	3-4	Be - WB - SS
	2		9950	1-2	Be - TR - Czg - TOO HARD
	3		10050	3-4	Bn - TR - CLIS - "
	4		10150	3-4	Be - TR? - CLSD
	5		10250	3-4	Rd - TR - IS
	6		10350	0-1	Rd - TRTL - TLPIIS
	7	19600	10450	3-4	Bn - WB - SS
19800N	8	19800N	9550E	3-4	Bn - WB - SS
	9		9650	3-4	Ms - WB - SS
Nº 460260			9750	3-4	Tn - WB - SS
	1				35PPb
	2		9850	2-3	Cm - WB? - SS?
	3		9950	2-3	Ms - WB? - SS? (TR?) - TOO HARD
	4		10050	0-1	Tn - WB - SS (QUZCROPPING)
	5		10150	0-1	Rd - WB? - IS? QTZ%: 10
	6		10250	3-4	Bn - TR? - SDSS
	7		10350	3-4	Bn - TR - SDISCL TR
	8	19800	10450	3-4	Bn - TR - SDISCL
	9	20000	9550E	3-4	Be - WB - GR (99% sure it's Gr!)
Nº 460270			9650	0-1	Be - WB - GR - TOO HARD
	1		10250	3-4	Be - SA - Si
	2		10350	3-4	Be - SA? - SiSD (TR)QTZ
	3	20000	10450	2-3	Be - TR? - QZ?
	4	20200N	9500E	3-4	Rd - TR - SD
	5		9550	3-4	Rd - TR - SD
	6		9600	0-1	Bn - WB - SS? 5% QTZ
	7		9650	0-1	AS ABOVE
	8		9700	0-1	AS ABOVE
	9		10250	0-1	Bn - WB? - IS 5% QTZ (+'PORTED?)
Nº 460280			10250	3-4	Bn - SA - Si
	1		10350	0-1	Bn - WB - SS
	2	20200	10450	2-3	Ms - WB - SSSD
	3	20400	9500E	3-4	RD - TR - SD (SS BELOW - TOO HARD)
	4		9550	0-1	Rd - WB - SS
END OF GRID	5	20400	9600	0-1	AS ABOVE
506612E →	6	LINE 28	0	3-4	Bn - SA? - SiSD 4/11/94
7786542N	7	LINE 29	50	3-4	Bn - TR - SDCL
	8	↓	100	2-3	AS ABOVE - SOMETHING HARD UNDERLYING
	9		150	2-3	Bn - SA? - Si?
Nº 460290			200	0-1	Bn - WB? - SS
	1		250	2-3	Bn - TR? - Czg
	2		300	0-1	Rd - WB - SS?
	3		350	0-1	Bn - WB - SS?
	4		400	2-3	Bn - TR? - SS
7786371N	5		450	0-1	Bn - WB - SS
506605E	6 →		500	0-1	Bn - WB - SS
	7		550	0-1	Tn - WB SA - SSSI
	8	SURFACE	600	0	Tn - WB - SS
	9	SURFACE	650	0	AS ABOVE
Nº 460300		SURFACE	700	0	"

METALS DIVISION

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: MTRGD LOC. CODE: ____ HOLE/GRID/OTHER: ____

SAMPLE TYPE: PH RAB SIEVE MESH: ____ SAMPLER: IVAN DATE: 21/10/94

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX / NUMBER	LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION / REMARKS
1	450	#9	9	MZ/ QTZ SS MSCM
503972E 7791059N 2	500	12	12	SA MSCM
3	550	9	9	SA MSCM
4	600	6	6	MZSA RDMSBN QTZ
5	650	9	9	SA PPRDBN
6	700	9	9	MZSA MSCMBN QTZ
7	750	8	8	SA MSPPBN
8	800	6	6	SA SILIC/QTZ - MSCM
9	850	6	6	SA CMBN
Nº 459660	900	9	9	SA MSCM
1				0-035 ppm
2	950	12	12	SS WH
503713E 7790585N 3	1000	9	9	SA WH.
4	1050	9	9	MZSA MSCMBN TR/MZ→9 ROUNDED CLASTS
5	1100	9	9	MZSA MSCMBN TR/MZ→9
6	1150	12	12	MZ/SA WH. TR/MZ→12 347
7	1200	12	12	SA WH TR/MZ→12.
8	1250	12	12	SA/WB - Shale MSCM PP.
9	1300	9	9	SA BN
Nº 459670	1350	7	7	SA/WB - Shale MSCM
1	1400	9	9	SA PI
2	1450	8	8	SA/WB - Shale? PPMSBN
503416E 7789997N 3	1500	8	8	SA/WB - Shale? MSCM.
4	1550	6	6	SA/WB PPBN QTZ
5	1600	6	6	PI CMBN SA/MZ
6	1650	6	6	WBR FOLIATED/PSAMMITE CM.
7	1700	9	9	WH GRANITE GY
8	1750	4	4	WH GRANITE GY
22/10/94 9	1800	6	6	" " "
Nº 459680	1850	6	6	" " "
1	1900	6	6	" " "
2	1950	6	6	" " PI GY
503176E 7789317N 3	2000	5	5	" " PI GY
4	2050	5	5	" " "
5	2100	4	4	" " "
6	2150	3	3	" " "
7	2200	3	3	" " PI
8	2250	3	3	" " PI
9	2300	3	3	" " PI
Nº 459690	2350	2	2	" " " ENDOFUNES
1				35PPb
503491E 7789320N 2	0	6	6	WH granite PI GY LINE-21
3	50	8	8	" " "
4	100	9	9	" " "
5	150	9	9	" " PI
6	200	9	9	" " PI
7	250	8	8	" " "

Shell METALS DIVISION

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: MT FRED STH LOC. CODE: _____ HOLE/GRID/OTHER: _____

SAMPLE TYPE: PM R+S SIEVE MESH: _____ SAMPLER: IAN DATE: 19/10/94

S.D.O. Nº: _____ LAB: _____ ASSAY REP. Nº: _____ DUPLICATE STORAGE: _____

SAMPLE Nº PREFIX / NUMBER	LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION / REMARKS
LINE 24 1	2400	3	3	Wb granite ; 501000E 7786433N
2		2	2	" "
3	2500	3	3	" "
4		3	3	" "
5	2600	6	6	" "
6		5	5	" "
7	2700	5	5	" " 500970E 7786696N
8		5	5	" "
9	2800	4	4	" "
Nº 459510		3	3	" " + pgs
1	2900	4+5	5	" "
2		3	3	" "
3	3000	3	3	" " 500942E 7787003N
4		3	3	" "
5	3100	3	3	" "
6		3	3	" "
EOL 24N 7	3200	2+3	3	" " 500906E 7787384N
SOL 17S 8	0	5	5	" " 500600E 7789000N
9		4	4	" "
Nº 459520	100	4+5	5	" "
1		4	4	" "
2	200	4	4	" "
3		5	5	" "
4	300	3	3	" "
5		5	5	" "
6	400	3	3	" "
7		3	3	" "
8	500	3	3	" " 500584E 7789540N
9		3	3	" "
Nº 459530	600	3	3	" "
1		4+5	5	" "
2	700	4+5	5	" " 500594E 7789767N
3		5+6	6	" "
4	800	3	3	Sap granite + pgs
5		4+5	5	" "
6	900	4	4	Wb granite 500681E 7789975N
7		3	3	" "
8	1000	3	3	" "
9		2	2	" "
Nº 459540	1100	3	3	" "
1		3	3	" "
2	1200	5	5	" " 500651E 7790272N
3		3	3	" " + minor qtz
4	1300	3	3	" " + Tourm. qtz.
65 holes 240m 5	1350	3	3	168 " "
20/10/94 6	0	3	3	" " 500600E 7791350N
7		3	3	" "

METALS DIVISION
Shell

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: MT FRED STN. LOC. CODE: ____ HOLE/GRID/OTHER: ____

SAMPLE TYPE: PM RAB SIEVE MESH: ____ SAMPLER: IAN DATE: 20/10/94

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX / NUMBER		LOCATION / DEPTH (m)		INTERVAL (m)	DESCRIPTION / REMARKS
L 17	1	250	3	3	Wb granite.
	2	300	3	3	" "
	3		3	3	" "
	4	400	3	3	" "
	5		3	3	Wb Micaceous sst
	6	500	3	3	Wb schistose slst. 500462E 7791851
	7		3	3	" slst/sst + qh.
	8	600	3	3	" " " " + pvs
EOL 17N	9	650	3	3	" " "
Nº 459560		0	4+5	6	Mz clay. 501600E 7792000
SOL 18N	1		3	3	" "
	2	100	3	3	" " + qh.
	3		3	3	" " "
	4	200	3	3	" "
	5		3	3	Wb granite
	6	300	3	3	" "
	7		3	3	Mz sediment (sst/slst)
	8	400	3	3	" "
	9		3	3	" "
Nº 459570		500	3	3	Wb Micaceous sst then qh. 501500E
	1		3	3	Wb/Mz sediment 7791517
	2	600	2+3	3	" " sst (micaceous)
	3		3	3	" " siltstone/sst
	4	700	3	3	Wb mic. sst granite
	5		3	3	Wb granite
	6	800	3	3	" "
	7		2+3	3	" "
	8	900	3	3	Wb slst/sst
	9	950	3	3	" " "
Nº 459580		1350	3	3	Mz/Wb sst/slst 501600E 7790500N
	1	1400	3	3	" " " "
	2		3	3	" " " "
	3	1500	5	5	Wb slst/clay
	4		3	3	" " " /sst
	5	1600	3	3	" " " "
	6	2650	2	2	Wb granite. 501600E 7789265
	7	2900	2	2	" "
	8		2	2	" "
EOL 18S	9	3000	2	2	" " 501600E 7789000N
Nº 459590		0	8+9	9	" " 502600E 7789000N
SOL 19S	1				35 ppb.
	2		9	10	Wb granite.
	3	100	6	6	" "
	4		6	6	" "
	5	200	6	6	" "
	6		6	6	" "
	7	300	6	6	" "

METALS DIVISION
Shell

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: MT FLND STH LOC. CODE: ____ HOLE/GRID/OTHER: ____

SAMPLE TYPE: RH RAB SIEVE MESH: ____ SAMPLER: MN DATE: 20/10/94

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX/NUMBER		LOCATION/DEPTH (m)		INTERVAL (m)	DESCRIPTION/REMARKS
LINE 19	1	500	6	6	Wh Granite. 502638E • 7789470N
	2		4	4	" "
	3	600	6	6	" "
	4		6	6	" "
	5	700	5	5	" "
	6		3	3	" "
	7	800	5+6	6	" "
	8		4	4	" "
	9	900	3	3	" "
Nº 459610			4	4	" "
	1	1000	5	5	" "
502616E	2		4	4	" "
7790135N →	3	1100	3	3	" "
	4	1150	3	3	" "
	5	1200	3	3	Wh Schist / foliated Sacpy CMBN
	6	1250	4	4	wh "
	7	1300	3	3	wh siltstone
	8	1350	3	3	qtz RDCMBN
21/10/94	9	1400	3	3	wh ~~granite~~ shale
Nº 459620		1450	6	6	wh shale pp rd bn
502598E 7790770N	1	1500	6	6	MZ PIPPCM
	2	1550	5	5	SA CMBN
	3	1600	5	5	wh schist/phyllite
	4	1650	6	6	Sa RDCMBN
	5	1700	6	6	SA MSCMBN
	6	1750	5	5	SA RDBN
	7	1800	6	6	SA MSCMBN
	8	1850	9	9	MZ MSCM
	9	1900	10	10	WH SHALE/MZ/SA MSCMBN QTZ
Nº 459630		1950	11	11	wh shale pp rd bn QTZ
	1	~~1950~~			035 ppm
502606E 7791349N	2	2000	9	9	WH SHALE/SA/MZ MSCMPP QTZ
	3	2050	9	9	MZ/SA QTZ RDBN
	4	2100	9	9	MZ/SA CMBN QTZ
	5	2150	6	6	MZ SA MSCM
	6	2200	6	6	MZ RDCMBN
	7	2250	6	6	MZ CM
	8	2300	9	9	SA/WH SHALE/QTZ MSCM
	9	2350	9	9	SA/WH SHALE/QTZ
Nº 459640		2400	6m	6	MZ/WHCM
502611E 7791977N		2450	9m	9	MZ/SA/PICM END OF LINE 19
L20 15mm	2	0	6	6	SA MSPPBN 504231E 7791622N
	3	50	5	5	SA MSCMBN
	4	100	6	6	SA PPMSBN
	5	150	6	6	MZ/SA QCBN
	6	200	6	6	SA PIBN
	7	250	9	9	SA PPPIBN

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SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

CT: CDSV LOC. CODE: ____ HOLE/GRID/OTHER: MT. FRED

PLE TYPE: AUGER SIEVE MESH: ____ SAMPLER: S.C.J/G.L. DATE: 4/11/94

O.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX/NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION/REMARKS
507381E	1	LINE 29	750m	SURFACE	Bn-WB-SSSI
7786511N	2 →		800m	4	AS ABOVE
506942E →	3	LINE 28	0m	3-4	Og-Czg-Cl SS
7785962N	4		50m	0-1	Bn-WB?-ISSS TRQTZ
	5		100	0-1	Bn-WB-SS
	6		150	0-1	AS ABOVE
	7		200	0-1	Bn-WB?/SSIS
	8		250	0-1	BnYw-WB-SS
	9		300	1-2	Be-SA-SI
Nº 460310			350	1-2	Ms-WBSA-SSSI
	1		400	1-2	Og-SA-SI
507460E	2		450	SURFACE	Bn-WB-SS TRQTZ
7785946N	3 →		500	0-1	Cm-SA-SI
	4		550	0-1	AS ABOVE
	5		600	0-1	CmMs-SAWB-SISS
	6		650	0-1	Bn-WB-SSSI TRQTZ
	7		700	0-1	MS-WBSA-SSSI
	8		750	0-1	Bn-WB-SS
	9		800	1-2	MS-WB-SS
Nº 460320			850	0-1	Bn-WB-SS
	1		900	0-1	Cm-SA-SI
507783E	2		950	1-2	Cm-SA-SI
7785688N	3 →		1000	0-1	Bn-WB-SS
	4		1050	0-1	Bn-QZ?-SSIS
	5		1100	1-2	Bn-TR?-SS (TOO HARD)
	6		1150	2-3	Cm-MZ?-Cl (under 1m TRSD)
	7		1200	0-1	Bn-WB?-SS (TOO HARD TO GO THRU)
508081E	8		1250	1-2	Bn-Czg-SSIS TRQTZ (HARD)
7785606N	9 →		1300	3-4	Bn-SA?-SI (Below 3m TRSD)
Nº 460330	→		1350	2-3	Bn-Czg-SSIS (V.HARD)
	1				35ppb
506051E →	2	LINE 30	250m	1-2	Be-SA-SI
7787794N	3		300	0-1	Be-WBSA-SSSI
	4		350	0-1	AS ABOVE
	5		400	3-4	Rd-TRTL?-Cl
507164E	6		450	3-4	Og-TR?-SSSDCL
7787699N	7 →		500m	0-1	Bn-WB-SS TRQTZ
	8		550	SURFACE	Bn-WB-SS
	9		600	SURFACE	AS ABOVE
Nº 460340			650	0-1	BnCm-WBSA-SSSI
	1		700	0-1	Bn-WB-SS TRQTZ
	2		750	0-1	Bn-WBSA-SSSI
	3		800	0-1	Be-SAWB-SISS
	4		850	3-4	Bn-TR-SDCL
	5		900	3-4	Bn-QZ-SSSICL
506526E	6		950	0-1	Be-WB-SS
7787934N	7 →		1000	0-1	Be-SA-SI
	8		1050	0-1	Cm-SA-SI
	9		1100	0-1	Rd-Czg?-ISSS 5%QTZ
Nº 460350			1150	0-1	Be-SA-SI

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

ALS DIVISION

PROJECT: MT-FRED LOC. CODE: _____ HOLE/GRID/OTHER: _____

SAMPLE TYPE: AUGER SIEVE MESH: +1mm-10mm SAMPLER: S.C-J/G.L. DATE: 4/11/94

P.O. No: _____ LAB: _____ ASSAY REP. No: _____ DUPLICATE STORAGE: _____

SAMPLE No PREFIX/NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION/REMARKS
LINE 30 cont'd	1	LINE 30	1200m	1-2	Cm - SA - SI
	2	↓	1250	3-4	~~TRSS~~ RD - TR - SD
	3	↓	1350	3-4	Bn - TR - SD
506766E	4	↓	1450	0-1	Bn - WB - SS
7788307N	5	→	1500	0-1	Bn - WB - SS
	6		1550	0-1	Bn - WBSA - SSSI
	7	↓	1600	3-4	Bn - TR - SD
	8	↓	1700m	0-1	Bn - WBSA - SSSI
5/11/94	9	↓	1750	2-3	Bn - WB? & SS (under 2m TRSD)
No 460360		↓	1850	3-4	Bn - TR - SD (SS? UNDERNEATH)
	1				35PPb
	2		1900	0-1	Bn - WB - SS + TRQTZ
7788664N	3		1950	0-1	AS ABOVE
507100E	4	→	2000	0-1	"
	5		2050	0-1	"
	6		2100	0-1	Cm - SA - SI
	7		2150	0-1	Be - SA - SI
	8		2200	0-1	Bn - WB - SS
	9		2250	SURFACE	AS ABOVE
No 460370			2300	SURFACE	"
	1		2350	SURFACE	"
	2		2400	0-1	Bn - WB - SS TRQTZ
507392E	3		2450	0-1	Be - SA - SI
7789005N	4	→	2500	0-1	AS ABOVE
	5		2550	0-1	Cm - SA - SI
	6		2600	0-1	Bn - SA - SI
	7		2650	1-2	Bn - WB? -
	8		2700	2-3	Be - TR - SDSS (HARD)
	9		2800	2-3	GY - TR?? - CI
No 460380			2850	3-4	Rd - TR - SDSS
END OF MT. FRED!!!			2950	3-4	AS ABOVE ← 507789E, 7789240N
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
No 460390					
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
No 460400					

Shell METALS DIVISION

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: BLACK HILLS/MT FRED LOC. CODE: _____ HOLE/GRID/OTHER: _____

SAMPLE TYPE: AUGER SIEVE MESH: +1mm -10mm SAMPLER: S.C.J/P.W. DATE: 20/9/94

S.D.O. Nº: _____ LAB: _____ ASSAY REP. Nº: _____ DUPLICATE STORAGE: _____

SAMPLE Nº PREFIX/NUMBER		LOCATION/DEPTH (m)		INTERVAL (m)	DESCRIPTION/REMARKS COLOUR	REGOLITH	ROCK	QTZ
LINE 39(N) cont'd	1	400m	2	1-2	RDGN	MZWB?	CLVB	TR
590667E	2	500	1	0-1	GN	WB	VB	TR
7806896N	3	550	1	0-1	AS ABOVE			
	4	600	2	1-2	GNBN	WB?	VB?	TR
	5	650	2	1-2	GNBN	WB?	VB?	TR
	6	750	3	2-3	BNYW	TRMZ	ISCL	TR
	7	850	3	2-3	Bn	TR?	IS	TR
7806878N	8	950 900	2	1-2	RD	TL?	ISPI	TR
591146E. E.O.L. 39(N)	9	950	2	1-2	AS ABOVE			
Nº 546510		7785522N 0506100E	2	0-2	Fe ROCK FRAG/Fe SAND STONE/20% QTZ. RD.			
MT FRED(S) 10450	1	50	2	.5-2	Fe ROCK FRAG/Fe SSTONE/SC-ROCK/.0% QTZ RD			
19400N 10400	2	100	2	.5-2	Fe ROCK FRAG/Fe SSTONE/SC ROCK/CLY/CUTAN/RD MS			
" 10350	3	150	2	.5-2	MS ABOVE (RD)			
" 10300	4	200	3	.5-2	AS ABOVE "			
" 10250	5	250	4	3.5-4	Fe SAND "			
" 10200	6	300	4	3.5-4	Fe SAND. "			
" 10100	7	400	3-VH	2.5-3	Fe SAND "			
" 10000	8	500	3-VH	2.5-3	Fe SAND BE			
" 9900	9	600	3-VH	2.5-3	Fe SAND BE - RD.			
Nº 98005 46520		700	2 VH	0-2	W/H SAND STONE			
9700	1	800	2	0-1.5	RD - W/H SAND			
9600	2	900	1.5	0-1.5	SSTONE RD - W/H.			
9500	3	1000	SURFACE	SURFACE	OUT CROP LK/SSTONE			
19600N 9500	4	0	2	0-1.5	Fe SAND OX			
9600	5	100	2.5	0-2	Fe SAND OX / W/H.			
9700	6	200	2.5	0-2	Fe SAND OX / W/H.			
9800	7	300	2.5	0-2	Fe SAND OX / KK CL			
9900	8	400	2.5	0-2	Fe SAND OX / W/H.			
10000	9	500	2.5	0-2.5	Fe SAND OX KK W/H			
Nº 10100 546530		600	3	0-2.5	Fe SAND OX SC-ROCK MW SS CL			
	1				35 PPB			
10200	2	700	2	1-2	Fe SAND OX W/H. RD MS			
10300	3	800	2	.5-2	Fe SAND Fe CEM S/SC ROCK/SS FRAG			
10400	4	900	4	3-4	Fe SAND W/H. MW CUTAN SC ROCK SS			
10500	5	1000	3	2.5-3	Fe SAND RD MS. MW SS CUTAN			
19800N 10500E	6	0	4	2.5-3.5	Fe SAND SC ROCK MW RD			
10400	7	100	3	2-3	Fe SAND RD SC ROCK MW SS. CM			
10300	8	200	4	3-4	Fe SAND? TN SS. BE.			
10200	9	300	4	3-4	Fe SAND RD MW Fe CEM-SAND/SC ROCK MW			
Nº 10100 546540		400	2 VH	1-2	SS OUT CROP Fe CEM SAND W/H			
10000E	1	500	.5	0-.5	TR Fe SAND SS AREA ALL AROUND MW			
9900E	2	600	2.5	1.5-2.5VH	SS/SC ROCK/CL/MW Fe SAND			
9800	3	700	2	1-2	SS CL MS.			
9700	4	800	2	1-2	SS CL 20% QTZ			
9600	5	900	2	1-2	SS CL QTZ?			
9500E	6	1000	2	12	SS CL			
20000N 9500E	7	0	4	3-4	SS CL SC			

METALS DIVISION

Shell

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: Mt Fred (South) LOC. CODE: HL10? HOLE/GRID/OTHER: ____

SAMPLE TYPE: Auger SIEVE MESH: ____ SAMPLER: Otis & Mark DATE: ???

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX / NUMBER	LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION / REMARKS
20000N 10300E 1	800	SURFACE	0	Fe Rock Frag Sc Rock TR? To Rocky To Drill
10400E 2	900	1.5	.5-1	Fe Rock Frag Sc Rock TR? "
10500E 3	1000	4	3.5-4	Ss Sc Rock Cl Min Fe Rock Frag Qz
20200N 10500E 4	0	2	1-2	Ss Cl Sc Rock Qz Fe Rock Frag TR.
20200N 10400E 5	100	2	1-2	Ss Cl Sc Rock Qz Fe Rock Frag TR
20200N 10300E 6	200	3	2-3	Ss Cl TN Min Sc Rock Fe Rock Frag
" 10200E 7	300	2	0.5-1.5	Ss Cl TN Sc Rock Min Fe Rock Frag
10100E 8	400	SURFACE	0	Ss Sc Rock 5% Qt Ss Outcrop
20200N 10000E 9	500	SURFACE	0	Ss Sc Rock 5% Qt Ss Outcrop
Nº 546560	0	2	1-2	Ss TN Bk Silk Min Com Sand Rd, Fe Rock Frag.
20000N 9750E 1				35 PPB
9800E 2	50	2.5	1.5-2.5	Ss TN Fe Com Sand Rd Bn Min Sc Rock
9850E 3	100	2	1.5-2	Ss TN Min Fe Com Sand Cutaan.
9900E 4	150	.5	0-.5	Ss Rd Bk
9950E 5	200	.5	0-.5	Ss Rd Bk Ms.
10000 6	250	.5	0-.5	As Above
10050 7	300	.5	0-.5	As Above Fe Rock Frag TR
10100 8	350	.5	0-.5	As Above "
(10150) 10150 9	400	.5	0-.5	As Above "
Nº 546570	0	1	.5-1	Ss Ms TN Min 5% Qtz, Fe Ss Rd. Cutan
20200N 10050E 1	100	.5	0-.5	Ss Ms TN Sc Rock Fe Rock Frag TR
9950E 2	150	.5	0-.5	Ss TN
9900E 3	200	.5	0-.5	Ss TN Fe Rock Frag
9850 4	250	.5	0-.5	Ss TN " Sc Rock
9800 5	300	.5	0-.5	Ss "
9750 6	350	.5	0-.5	Ss "
20400N 9650E 7	0	.5	0-.5	Ss TN Bk "
9700E 8	50	.5	0-.5	Ss TN Bk "
9750E 9	100	.5	0-.5	Ss TN Bk "
Nº 546580	150	.5	0-.5	Ss TN Bk "
9850E 1	200	.5	0-.5	Ss TN Bk "
9900 2	250	.5	0-.5	Ss TN Bk "
9950 3	300	.5	0-.5	Ss TN Bk
10000E 4	350	1	0-1	Ss TN Sc Rock
10050E 5	400	1	0-1	Ss TN Bk Rd
10100E 6	450	0.5	0-.5	Ss TN Bk Wh.
10150 7	500	0.5	0-.5	Ss TN Bk Wh
10200E 8	550	.5	0-.5	Ss TN Bk Wh
10250E 9	600	1.5	.5-1.5	Ss TN Bk Wh
Nº 546590	650	1.5	.5-1.5	Ss Ms Bk Sc Rock
10350 1				35 PPB.
10350 2	700	.5	0-.5	Ss Ms TN Min Sc Rock Fr.
10400 3	750	2	.5-2	Ss Ms TN Min Com Sand TR? Sc Rock Frag
10450 4	800	3	.5-3	Ss TAN Fe Com Sand Min Fe Rock TR
10500 5	850	1.5 H	.5-1.5	Ss TAN Fe Rock Fr Fe Com Sand
Mt Fred Rd. Line 17 6	0	.5 H	0-.5	Ss TAN Wh, Fe Rock Frag, Sc Rock, Fe Com Sand;
7790486N 5006E 7	100	.5 H Rock	0-.5	As Above Min
8				

Shell METALS DIVISION

SAMPLE RECORD

ORIGINATORS COPY

SHEET ____ OF ____

PROJECT: MT. FRED LOC. CODE: HL10 HOLE/GRID/OTHER: ____

SAMPLE TYPE: AUGER/SOIL SIEVE MESH: ____ SAMPLER: PW/GL DATE: 7/8

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX/NUMBER		LOCATION/DEPTH (m)		INTERVAL (m)	DESCRIPTION/REMARKS
	1	3000	0	0	SURFACE, Fe rock/QTZ/Fe cem sand
7814211N	2	3050	2	0-2	Fe sand/Fe rock/QTZ poor sample
505660E	3	3100	1·5	0-1·5	Fe sand/qtz V. poor sample
	4	3200	1·5	0-1·5	Fe sand/qtz V. hard
	5	3300	2	0-2	AS ABOVE
	6	3400	2	0-2	Fe sand/Fe clay/qtz
7814673N	7	[illegible]	2	0-2	AS ABOVE
505672E	8	3600	2	0-2	Fe clay/QTZ
	9	3700	1·5	·5-1·5	White clay/Fe clay
Nº 54546	0	3800	0	0	Surf. Fe rock frag/Fe sand/QTZ
	1				620 ppb
	2	3900	2	·5-2	Fe rock frag/Fe sand (min Lat?).
	3	3950	2·5	·5-2	Fe rock frag/QTZ/min pis (Fe clay below
7815139N	4	4000	1·5	0-1·5	Fe clay
505662E	5	4100	1·5	0-1·5	Fe sand/QTZ/Fe clay
	6	4200	1·5	0-1·5	AS ABOVE
E.O.L. 3	7	4300	2·5	·5-2	AS ABOVE
START LINE 4 →	8	0m	2	0-1·5	Fe rock frag/Fe sand/pis
7816200N	9	50m	2·5	·5-2	Fe rock frag/pis/Fe cem sand V. hard
Nº 54547	0	100m	2	·5-1·5	Fe rock frag/Fe cem sand/min [illegible] clay [illegible]
506700E	1	150	1·5	·5-1·5	AS ABOVE
	2	200	2	·5-1·5	Fe rock/Fe clay/Fe sand/sap
	3	250	2	·5-2	Fe clay/Fe rock/pis
	4	300	2·5	·5-2	Fe clay/Fe sap/Fe rock
	5	350	2	·5-2	Fe clay/min Fe rock/min QTZ
	6	400	1·5	·5-1·5	Fe Yy Clay/QTZ/[illegible] Fe sand
7815645N	7	500	1·5	·5-1·5	Fe sand/QTZ
506719E	8	600	2	·5-2	Fe sand/Yy clay/QTZ
	9	700	1	0-1	Fe sand/QTZ
Nº 54548	0	800	1	0-1	Yy. Fe sand/QTZ
	1	900	2	0-1·5	Yy + Fe Clay
7815189N	2	1000	2	0-2	Yy sand/Clay/QTZ
506750E	3	1100	1	0-1	Fe sand/QTZ
	4	1200	2	0-2	Fe sand/Fe clay/QTZ
	5	1300	1	0-1	AS ABOVE
	6	1400	1·5	0-1·5	AS ABOVE
7814652N	7	1500	1·5	0-1·5	AS ABOVE
506682E	8	1600	1·5	0-1·5	AS ABOVE hard ([illegible])
	9	1700	0	0	SURFACE QTZ/MIN Fe ROCK
Nº 54549	0	1750	0	0	SURFACE QTZ/Sil/Fe [illegible]
	1				620 ppb
	2	1800	0	0	" Fe SAND/SIL RK/QTZ.
	3	1850	0	0	Fe CEM SD/Fe Rk FRAG/MIN QTZ.
	4	1900	0	0	AS ABOVE
7814160N	5	1950.	1·5	1-1·5	Fe Sil/QTZ
506682E	6	2000	1·5	0-1·5	Fe sand.
	7	2100	1·5	[illegible]	[illegible]/MIN QTZ.
	8	2200	1·2	[illegible]	[illegible]/SILO Rk/QTZ.
	9	[illegible]	0	0	SURFACE Sil Rock/Fe cem sand/min QTZ
Nº 54550	0	[illegible]	0	0	SURFACE AS ABOVE

Shell METALS DIVISION

SAMPLE RECORD

ORIGINATORS COPY

SHEET ____ OF ____

PROJECT: KMT FRED LOC. CODE: HL10 HOLE/GRID/OTHER: ____

SAMPLE TYPE: AUGER SIEVE MESH: ____ SAMPLER: PWJ/GL DATE: 9/8/89

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX/NUMBER		LOCATION/DEPTH (m)		INTERVAL (m)	DESCRIPTION/REMARKS
REG LINE 5	1	1900m	3.5	2-3.5	Fe sand/QTZ
7811126N	2	1000m	3.5	2-3.5	As Above
507720E	3	1100	3.5	2-3.5	A.A.
	4	1200	3.5	2-3.5	A.A.
	5	1300	3.5	2-3.5	A.A.
7811698N	6	1400	3.5	2-3.5	A.A.
507654E	7	1500	3.5	2.5-3.5	A.A.
	8	1600	2.5	1.5-2.5	Fe sand/QTZ/Fe clay
	9	1700	3.5	2.5-3.5	Fe sand/QTZ/Fe rock
Nº 545560		1800	2.5	1.5-2.5	As above
	1				223 ppb
	2	1900	2.5	1.5-2.5	A.A.
7812149N	3	1950	2.5	1-2	Fe rock/Fe sand/QTZ
507691E	4	2000	2.5	1-2	Fe rock/Fe sand/QTZ
	5	2050	2	.5-2	Fe RK FRAG/Fe CEM Sd/QTZ
	6	2100	2	.5-2	AS ABOVE
	7	2150	2.5	.5-2.5	AS ABOVE
	8	2200	2.2	1-2.2	AS ABOVE
	9	2250	1.7	.5-1.7	Fe CEM Sd/CLAY/QTZ
Nº 545570		2300	1.7	.5-1.7	AS ABOVE
	1	2400	2.5	1-2.5	Fe CEM Sd
	2	2500	2	1-2	Fe CEM Sd/QTZ
	3	2600	2	1-2	AS ABOVE
	4	2700	2	1-2	AS ABOVE
	5	2800	.5	1-1.5	AS ABOVE
	6	2900	2	2	Fe Sd (POOR SAMPLE)
7813201N	7	3000	2	2	Fe Sd
507621E	8	3100	0	0	ABOVE Fe RK FRAGS/QTZ
	9	3150	0	0	ABOVE SILD RK/QTZ
Nº 545580		3200	0	0	SAME AS ABOVE
	1	3250	0	0	AS ABOVE
	2	3300	0	0	AS ABOVE
	3	3350	0	0	AS ABOVE
	4	3400	0	0	AS ABOVE
	5	3450	0	0	AS ABOVE
7813320N	6	3500	2	1-2	Fe FRAG RK/QTZ/Fe CEM Sd
507657E	7	3550	2	.5-2	AS ABOVE
	8	3600	2.5	2-2.5	CLAY/Fe SAND
	9	3700	2	1-2	CLAY/QTZ
Nº 545590		3800	2	1-2	CLAY/QTZ
	1				620 ppb
507740E	2	3900	2	1-2	CLAY/Fe SAND (POOR SAMPLE)
7814298N	3	4000	2.2	1-2	CLAY/Fe SAND
	4	4100	2	1-2	Fe RK/CLAY
	5	4200	2	1-2	CLAY/Sa
7814590N	6	4300	2	1-2	Sa
507596E	7	4600	2.5	1-2.5	[illegible]
7815252N	8	4800	2.5	.5-2.5	[illegible]
507[illegible]E	9	[illegible]	2.5	1.5-2.5	[illegible]
Nº [illegible]		[illegible]	2.5	1-1.5	QTZ/CLAY

METALS DIVISION

SAMPLE RECORD

ORIGINATORS COPY

SHEET ____ OF ____

PROJECT: MT FRED LOC. CODE: 1140 HOLE/GRID/OTHER: ____

SAMPLE TYPE: ANGLE SIEVE MESH: ____ SAMPLER: GK/PW DATE: 10/84

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX/NUMBER		LOCATION/DEPTH (m)		INTERVAL (m)	DESCRIPTION/REMARKS
7815576N	1	5400	2	1.5-2	TL - Fe Rk & Mn QTZ/Fe GTZ
5087660E	2	5600	2.5	1-2.5	AS ABOVE
	3	5800	2	1-2	AS ABOVE
	4				
7816000N →	5	0m	3m	1-3m	Fe ...
5087600E	6	50m	2m	1.5-2m	Fe ...
	7	100m	2m	1.5 2m	Fe ... QTZ ...
	8	150m	2m	1.5 2m	Fe Rock ... Fe Rich Rock / Rh + QTZ ...
	9	200m	3m	2-3m	Fe SS + Fe Rk ...
Nº	545610	250m	3m	2-3m	Fe SS Rh + Rb / ... Fe Rock ...
	1	300m	3m	2-3m	Fe SS Rh / Mn Rock / ...
	2	350m	3m	2-3m	Fe SS Rh / Sa Rh / ... Mn Rk ...
	3	400m	2m	1.5 2m	...
	4	450m	2m	1.5 2m	Fe SS Rh / Lst / ... Sa Rh + ...
7815605N →	5	500m	2m	1.5 2m	Fe SS Rh / ... QTZ / Mn Fe
5087716E	6	550m	2m	1.5 2m	Fe SS Rh / ... QTZ / ... Mn ...
	7	600m	2m	1.5 2m	Fe SS Rh / Mn / + QTZ
	8	750m	3m	2-3m	Fe SS Rh Rh / ... / ... Sa ...
	9	800m	3m	2-3m	Fe SS Rh / Fe Lst + ...
Nº	545620	850m	2m	1.5-2m	Fe SS Rh. Rh / ... QTZ + ...
	1	900m	2m	1.5 2m	Fe SS Rh Rh / ... QTZ Sa ...
	2	950m	2m	1.5 2m	Fe SS Rh Fe Sa ...
7815117N →	3	1000m	3m	2-3m	Fe SS Rh Rh Sa ... / ... QTZ + ...
5087744E	4	1050m	2m	1.5 2m	Fe SS Rh Rh / Fe Mn Rh / ... QTZ ...
	5	1100m	2m	1.5 2m	Fe ... SS Rh / ...
	6	1150m	4m	3-4m	Fe Siliceous Rock Rh Rh / QTZ / Fe SS ...
	7	1200m	2m	1.5 2m	Fe Lst Rh / Fe SS Rh Rh / ... QTZ
	8	1250m	2m	1.5-2m	Fe Lst / Fe ... Rock Rh / QTZ / ... Sa ...
	9	1300m	2m	1.5-2m	Fe Lst / Fe SS Rh / ... QTZ / Mn Rh
Nº	545630	1350m	2m	1.5-2m	Fe SS Rh Rh / Fe QTZ / + QTZ Sa ...
	1				1.45 ppb
	2	1400m	2m	1.5-2m	Fe Sa Rh Rh Sa / Fe QTZ Rh / ... / QTZ
	3	1450m	2m	1.5 2m	Fe Lst / Fe SS Rh Rh / QTZ Sa ...
7814610N →	4	1500m	2m	1.5 2m	Fe Lst / Fe SS Rh / ... / ... QTZ / Mn Rh
5086876E	5	1550m	2m	1.5 2m	Fe SS Rh Rh / Fe Mn Rh / ... QTZ
	6	1600m	2m	1.5-2m	Fe SS Rh Rh / Fe Mn Rh / Fe QTZ / + QTZ ...
	7	1650m	2m	1.5 2m	Hw SS Rh Fe Yw + Rh ...
	8	1700m	2m	1.5-2m	Fe Hw SS Rh Rh Yw ...
	9	1750m	2m	1.5-2m	Sa Fe Sa / Fe SS Rh Rh + ...
Nº	545640	1800m	2m	1.5-2m	Fe Sa SS Rh Rh / ... Sa Rh Rh + ...
	1	1850m	2m	1.5-2m	Siltstone ... Yw / Fe Sa Rh + Yw ...
	2	1900m	2m	1.5-2m	Fe Hw SS / Rh Rh Yw + ...
	3	1950m	2m	1.5 2m	... Fe SS Rh Rh + ...
7814180N →	4	2000m	2m	1.5-2m	... Fe SS Rh Rh. Yw + Rh ...
5087332E	5	2050m	2m	1.5 2m	Hw SS Rh Dg, Gy.
	6	2100m	0m	0m	Fe Rock Rh / sheet wk ...
	7	2150m	0m	0m	Fe Rock Rh ...
	8	2200m	0m	0m	...
	9	2250m	0m	0m	...
Nº	545650				...

Shell METALS DIVISION

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: Mt Fraser (Soosa) LOC. CODE: 1410 HOLE/GRID/OTHER: ____

SAMPLE TYPE: Auger SIEVE MESH: ____ SAMPLER: Oakes & Hall DATE: 27-9-96

S.D.O. Nº: ____ LAB: ____ ASSAY REP. Nº: ____ DUPLICATE STORAGE: ____

SAMPLE Nº PREFIX / NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION / REMARKS
LINE 17 Cont	1	300 M	2	.5-2	Ss TN Bc, MIN Fe Rock Frag Ro BN TR?
	2	350 M	2	.5-2	AS ABOVE.
	3	400M	3	1-3	Ss TN Bc, V MIN Sc Rock Fe Rock Frag BN.
	4	450M	1.5	.5-1.5	Ss TN Bc WH, Com Sand BN MN.
7790940N 500546	5	500M	3	1-2.5	Fe Com Sand Ro BN, Ss TN WH.
	6	550M	1 VH	.5-1	Fe Com Sand Ro. Ss TN, MIN V6 Bl, Sc Rock
	7	600M	1-3 VH	1-1.5	Ss TN MS Bc WH.
	8	650M	.5	0-.5	Ss TN Bc WH, MIN Sc Rock or Qt?
	9	700M	.5 VH	0-.5	Ss TN MS, MIN Sc Rock Fe Rock Frag TR
Nº 546610		750M	Sc 1.5 H	.5-1.5	Ss TN Bc, MIN Fe Rock Frag TR Ss TN Bc
7791271N 500513E	1	800M	2	1-2	Fe Rock Frag Ro BN, Sc Rock, Ss TN Bc
LINE 18	2	0	2	.5-1.5	Ss TN Bc WH, Fe Com Sand, MIN Ss Rock, Mn Lt
7791006N 501614E LIB	3	50 VH Base	.5	0-.5	Fe Com Sand (TR), Sc Rock (TR), Ss TN.
	4	100	1.5	.5-1	Ss TN Bc MS, Fe Ss Ro.
	5	150	1 VH	.5-1	Ss TN Bc MS, MIN Sc Rock or Qt?
	6	200	Sc .5	0-.5	Ss TN MS Bc.
	7	250	Ss .5	0-.5	Ss Ro TN MS Bc Bl-Gy, MN Sc Rock-Qt?
7790721N 501623E	8	300	.5 VH	0-.5	Ss Ro TN MS Bc
7790297N 501649E	9	0	1	.5-1	Ss Ro TN Bc.
Nº 516620		50	Ss .5	0-.5	Ss BN. MN Qt-Sc Rock
	1	100	2.5	1-2.5	Fe Rock Frag TR, Sc Rock TR, Qt TR, Ss Bc
	2	150	1.5	1-1.5	Fe Rock Frag TR, Ss TN Ro.
	3	200	3	1.5-3	Fe Com Sand TR, Fe Rock Frag TR, 5% Qtz, Ss TN
	4	250	4	3.5-4	Fe Sand Ro TN.
	5	350	4	3.5-4	As Above.
	6	450	4	3.5-4	Fe Sand
501577E 7789787N	7	550	4	3.5-4	Fe Sand.
	8	650	3.5	3-3.5	Fe Sand, Ss Bc.
	9	750	3	2.5-3	Fe Sand, Ss TN WH
Nº 546630		800	3	2.5-3	Fe Sand, Ss WH.
	1				35 PPB.
	2	850	2	1-2	Fe Sand Ss TN WH
	3	900	2	1-2	Sand, Ss TN Bc.
	4	950	2.5 H	1-2.5	Sand Ro, Ss TN
7789324N 501594E	5	1000	2	1-2	Sand Ro, Ss TN WH.
	6	1050	1.5	1-1.5	Sand, Ss TN WH.
	7	1100	1.5	1-1.5	Sand TN, Ss Bc WH.
7789157N 501595E	8	1150	2	1-2	Sand Ro TN, Ss Bc WH.
7788976N 501588E	9	0	1.5	.5-1.5	Ss WH, Sc Rock, Fe Rock Frag TR.
Nº 546640		50	1.5	.5-1.5	Ss WH Bc.
LINE 19	1	100	Ss .5 VH	0-.5	Ss, Sc Rock TR, Ti TR, Qtz TR
	2	150	Sc 1 H	.5-1	Ss Bc
	3	200	Ss 1 VH	.5-1	Ss Bc
	4	250	2	1-2	Ss Bc TN
	5	300	1.5	.5-1.5	Ss Bc
	6	350	.5	0-.5	Ss Pp Bc
	7	400	1	.5-1	Ss Pp Ro.

METALS DIVISION

SAMPLE RECORD

ORIGINATORS COPY

SHEET ___ OF ___

PROJECT: KHARTOUM LOC. CODE: 4410 HOLE/GRID/OTHER:

SAMPLE TYPE: AUGER SIEVE MESH: SAMPLER: PW/OK DATE: 4/8

S.D.O. Nº: LAB: ASSAY REP. Nº: DUPLICATE STORAGE:

SAMPLE Nº PREFIX/NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION/REMARKS
11300N	1	10600E	1-3	1-2	Fe sap frag pis (TRANSPORTED)
	2	10800E	2-3	2-3	Clay.
11400N	3	10750E	2-5	1.5-2.5	Hard Clay / min Fe rock
	4	10900E	2-5	1.5-2.5	Clay / pis.
11500N	5	10050E	2	1.5-2	Fe [illegible] / pis
	6	10100E	1.5	1.5-1.5	Fe sap / pis / clay
	7	10150E	2	1.5-2	Fe sap / lat / pis
	8	10200E	1.5	1.5-1.5	Fe sap / lat / pis / cl
11200N	9	10250E	2.5	1-2.5	Clay
Nº 545410		9950E	0	0	Soil sample - Fe [illegible] / Si rock / qtz
11200N	1	9900E	0	0	AS ABOVE
AUGER START		0E	3	2-3	CLAY QTZ RICH CLAY
MT FRED LINE	3	50	2.5	1-2	FE SAND / LIMIT / QTZ
7811200N	4	100	2.5	1-2	SAND / LIMIT / QTZ
505700E	5	200	2.5	1-2	FERM SAND QTZ [illegible]
	6	300	2.5	1-2.5	AS ABOVE
	7	400	3	1-3	AS ABOVE
505669E	8	500	2	1-2	AS ABOVE
7811679N	9	600	2	1-2	AS ABOVE
Nº 545420		750	3	1-3	Fe [illegible]
	1	800	2.5	2.5	FE SAND
	2	900	1.5	1.5	FE SAND [illegible]
505769E	3	1000	0	0	Surface Fe rock / Si Rock / Qtz
7812188N	4	1100	0	0	SURFACE AS ABOVE
	5	1150	0	0	SURFACE AS ABOVE
	6	1200			A
	7	1250			A
	8	1300	0	0	AS ABOVE
	9	1350	0	0	SURFACE Fe rock / Si Rock / Fe com sand
Nº 545430		1400	0	0	AS ABOVE
	1	[illegible]			145 ppb
	2	1450	.3	0	SURFACE Fe Rock / Fe com sand / Qtz
505657	3	1500	0	0	AS ABOVE
7812651	4	1550	3	1.5-3	Fe com sand / qtz
	5	1600	2.5	1-2.5	Fe sand / qtz
	6	1700	2.5	1-2.5	AS ABOVE
	7	1800	2.5	1-2.5	AS ABOVE
7813147N	8	1900	2	0-2	Fe sand
505645E	9	2000	2.5	0-2.5	Fe sand / min qtz / min si rock
Nº 545440		2100	2.5	0-2.5	AS ABOVE
	1	2200	2	0-2	Fe com sand / min SR
	2	2300	2	0-2	Fe com sand
	3	2400	2.5	0-2.5	Fe com sand / Fe sap / QTZ
7813666N	4	2500	2	0-2	Fe sap / Fe com [illegible] / QTZ
505723E	5	2600	2	0-2	Fe sap / Fe sand [illegible]
	6	2700	2	1.5-2	Fe sand / Fe clay / QTZ
	7	2800	0	0	Fe rock / QTZ / Fe com sand (SURF SAM
	8	[illegible]	[illegible]	[illegible]	AS ABOVE
	9	[illegible]	[illegible]	[illegible]	Si rock / QTZ / Fe com Sand / min pis.
Nº [illegible]		[illegible]	[illegible]	[illegible]	AS ABOVE

Shell METALS DIVISION

SAMPLE RECORD

ORIGINATORS COPY

SHEET ___ OF ___

PROJECT: MT FRED LOC. CODE: HILO HOLE/GRID/OTHER: ___

SAMPLE TYPE: AUGER / SOIL SIEVE MESH: ___ SAMPLER: GL / PW DATE: 8/8

S.D.O. NO: ___ LAB: ___ ASSAY REP. NO: ___ DUPLICATE STORAGE: ___

SAMPLE Nº PREFIX / NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION / REMARKS
	1	2350	0	0	Fe CEM Sd / SILO RK / MIN QTZ.
	2	2400	1.5	.5-1.5	CLAY / SILO RK / MIN QTZ
	3	2450	1.5	.5-1.5	CLAY / SILO RK / Fe Sd
7813688N	4	2500	1.5	.5-1.5	CLAY / Fe sand / QTZ
506897E	5	2600			CLAY / Fe CLAY / MIN QTZ
	6	2700	1.5	.5-1.5	CLAY
	7	2800	1.5	.5-1.5	Fe SAND
506723E	8	2900	2	1-2	Fe CEM Sd / QTZ / SILO RK
7813247N	9	3000	2	1-2	Fe CEM Sd / MIN QTZ
Nº 545510		3100	2	1-2	AS ABOVE
	1	3200	2	1-2	Fe CEM Sd
	2	3300	2.5	2.5	Fe Sd
506645E	3	3400	2.5	2.5	Fe Sd.
7812638N	4	3500	2.5	2.5	Fe Sd.
	5	3600	2.5	2.5	Fe Sd.
	6	3700	2.5	2.5	Fe Sd / Fe CEM Sd / MIN QTZ
	7	3800	1	1	Fe Sd poor sample
506604E	8	3900	2.5	2.5	FE CEM Sd
7812117N	9	4000	2.5	2.5	Fe CEM Sd MIN QTZ
Nº 545520		4100	3.2	R-3.2	Fe CEM Sd
	1	4200	2.5	2.5	Fe CEM Sd
	2	4300	2.5	2.5	Fe CEM Sd / Fe clay
	3	4400	3	2.5	Fe CEM Sd / SILO RK
506602E	4	4500	2.5	2-2.5	Fe CEM Sd CLAY / QTZ
7811927N	5	4600	2.5	.5-2	Fe CEM Sd / MIN QTZ
	6	4700	2	.5-1.5	AS ABOVE
	7	4800	2.5	.5-2	Fe CEM Sd / Fe clay / MIN QTZ
7811242N	8	4900	3	2-3	AS ABOVE
506756E	9	5000	2	.5-2	Fe CEM Sd / QTZ / Fe Clay
Nº 545530		5100	2	.5-1.5	QTZ / Fe CEM SAND
	1	-----	-----	-----	— 45,400
	2	5200	2.5	.5-2	Fe CEM Sand / QTZ
	3	5300	2.5	.5-2.5	Fe CEM Sd / QTZ / Fe clay
7810741N	4	5400	3	2-3	Fe clay / QTZ / Fe sand
506755E	5	5500	2.5	1-2.5	Fe clay / QTZ / Fe sand
	6	5600	3.5	2-3	Fe clay / QTZ / Fe sand
	7	5700	2.5	2-2.5	Fe sand / QTZ / Fe clay
	8	5800	2.5	1.5-2.5	Fe clay / Fe sand / QTZ
	9	5900	3	2-3	Fe sand / QTZ
Nº 545540		6000	2-5	1.5-2.5	Fe sand / QTZ
7810230N	1	6070	3.5	2.5-3.5	AS ABOVE E.O.L. 4
506695E	2	0m	4	2-4	Fe sand / QTZ S.O.L. 5
7810200N	3	100m	4	2-4	Fe sand / QTZ
507700E	4	200	3.5	2.5-3.5	AS ABOVE
	5	300	2.5	1.5-2.5	AS ABOVE
7810697N	6	400	3.5	2-3.5	AS ABOVE
507623E	7	500	4	2-4	AS ABOVE
	8	600	4	2.5-4	AS ABOVE
	9	700	3.5	2-3.5	A.A.
Nº 545550		800	3.5	2-3.5	A.A.

Shell METALS DIVISION

SAMPLE RECORD

FILE COPY

SHEET ____ OF ____

PROJECT: _____ LOC. CODE: _____ HOLE/GRID/OTHER: _____

SAMPLE TYPE: _____ SIEVE MESH: _____ SAMPLER: _____ DATE: _____

S.D.O. Nº: _____ LAB: _____ ASSAY REP. Nº: _____ DUPLICATE STORAGE: _____

SAMPLE Nº PREFIX/NUMBER		LOCATION/DEPTH (m)		INTERVAL (m)	DESCRIPTION/REMARKS
LINE 22	1	600	1	1-2	TI TR, Sc Rock Tr, Ss Be
1190325N 505[illegible]E	2	650	2	1-2	TI, R, Tr, Ss TN.
LINE 23	3	0	SS Be -5 VH	0-.5	Ss TN Ro, Sc Rock Tr Fe Rock Cong Tr.
1788612N 505[illegible]E	4	50	-5 VH	0-.5	Ss TN
	5	100	1 VH	.5-1	Ss TN Be
1788805N 505[illegible]E	6	150	1 VH	.5-1	AS ABOVE
1789245N 506316E	7	0	2	1-2	Ss Frag TN, Clay Sand Frag Tr, Fe Rock Frag, Qtz Tr.
	8	50	1 H	.5-1	Ss MS TN
	9	100	1 H	.5-1	Ss MS TN Sc Rock
Nº 546660		150	-5 H	0-.5	Ss Ro Sc Rock - Qtz. Fe Rock Frag
	1	-			35 PPB
	2	200	-5 H	0-.5	Ss Ro Be WH
	3	250	-5 H	0-.5	Ss WH TN,
	4	300	.5 VH	0-.5	AS ABOVE
	5	350	SURFACE	VH	Ss TN, Sc Rock
	6	1100	.5	0-.5	Ss TN WH Ro.
	7	450	.5 VH	0-.5	Ss TN WH Ro,
1789245N 506692E	8	500	1.5	0.5-1	Ss Ro TN Sc Rock Fe Rock Frag.
	9	600	SURFACE	VH	Ss TN Ro, Sc Rock Tr Fe Rock Tr.
Nº 546670		650	.5 VH	0-.5	Ss Be. Sc Rock Tr.
	1	700	.5 VH	0-.5	Ss Be, WH, MG, Fe Rock Frag
	2	750	1 H	.5-1	Ss Be, TI, Tr, Li Tr, Sc Rock Tr
	3	800	.5 H	0-.5	Ss Be, WH
	4				
	5				
	6				
	7				
	8				
	9				
Nº 546680					
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
Nº 546690					
	1				
	2				
	3				
	4				
	5				
	6				
	7				

Shell METALS DIVISION

SAMPLE RECORD

ORIGINATORS COPY

SHEET ___ OF ___

PROJECT: MT FRED LOC. CODE: FIL-10 HOLE/GRID/OTHER:

SAMPLE TYPE: AUGER SIEVE MESH: SAMPLER: SPP + M.S. DATE: 17-8-4

S.D.O. Nº: LAB: ASSAY REP. Nº: DUPLICATE STORAGE:

SAMPLE Nº PREFIX/NUMBER	LOCATION/DEPTH (m)		INTERVAL (m)	DESCRIPTION/REMARKS
(Line 6) cont 1	4750m	4m	3.5-4m	Fe cemented Sandstone, Rd Pp, Sw.
2	4800m	3m	2.5-3m	AS ABOVE
3	4850m	3m	2.5-3m	Fe cemented Sandstone Rd Pp, Sw, minor Pl
4	4900m	3m	2-3m	Fe cemented Sandstone Rd Pp, Clk Mx, Sw
5	4950m	3m	2.5-3m	AS ABOVE
7811155N → 6	5000m	3m	2.5-3m	Fe cemented Sandstone Rd Pp, Sw
508641E 7	5050m	4m	3.5-4m	AS ABOVE
8	5100m	4m	3.5-4m	AS ABOVE
9	5150m	4m	3.5-4m	AS ABOVE
Nº 545710	5200m	4m	3.5-4m	Fe cemented Sandstone, Lat Rd Pp, Sw.
1	5250m	4m	3.5-4m	Fe cemented Sandstone, Rd Pp, Sw.
2	5300m	4m	3.5-4m	AS ABOVE
3	5350m	4m	3.5-4m	ALL SAND (Good Sample)
4	5400m	4m	3.5-4m	Fe cemented Sandstone Rd Pp, Sw
5	5450m	4m	3.5-4m	Very well cemented Sandstone Rd Pp, Sw
7810674N → 6	5500m	4m	3.5-4m	Fe cemented Sandstone Rd Pp, Sw
508716E 7	5550m	4m	3.5-4m	Fe cemented Sandstone Rd Pp, Sw
8	5600m	4m	3.5-4m	AS ABOVE
9	5650m	4m	3.5-4m	AS ABOVE
Nº 545720	5700m	3m	2-3m	AS ABOVE
1	5750m	3m	2-3m	AS ABOVE
2	5800m	3m	2-3m	AS ABOVE
3	5850m	3m	2-3m	AS ABOVE
4	5900m	3m	2-3m	AS ABOVE
5	5950m	3m	2-3m	AS ABOVE
7810233N → 6	6000m	4m	3.5-4m	AS ABOVE END LINE 6
508635E → 7	0m	3m	2.5-3m	Fe cemented Sandstone, Rd Pp Sw (START L
7810134N 8	50m	4m	3.5-4m	Fe cemented Sandstone Rd Pp, Sw
509820E 9	100m	3m	2.5-3m	AS ABOVE
Nº 545730	150m	3m	2.5-3m	AS ABOVE
1	~~~~~	~~~~~	~~~~~	45 ppb
2	200m	3m	2.5-3m	AS ABOVE
3	250m	3m	2.5-3m	AS ABOVE
4	300m	4m	3.5-4m	AS ABOVE
5	350m	4m	3.5-4m	AS ABOVE
6	400m	3m	2.5-3m	AS ABOVE
7	450m	4m	3.5-4m	AS ABOVE
7810082N → 8	500m	4m	3.5-4m	AS ABOVE
509750E 9	550M	4M	3.5-4M	AS ABOVE
Nº 545740	600M	4M	3.5-4M	AS ABOVE
1	650M	4M	3-4M	AS ABOVE
2	700M	4M	3.5-4M	AS ABOVE
3	750M	4M	3.5-4M	AS ABOVE
4	800M	4M	3.5-4M	AS ABOVE MW QTZ.
5	850M	4M	3.5-4M	AS ABOVE MW QTZ
6	900M	4M	3.5-4M	AS ABOVE/QTZ.
7	950M	4M	3.5-4M	AS ABOVE
7811156N/509501E 8	1000m	4m		
9	1050m	4m		
Nº 545750				

METALS DIVISION

SAMPLE RECORD

ORIGINATORS COPY

PROJECT: MT FRED LOC. CODE: 11400 HOLE/GRID/OTHER: SHEET ___ OF ___

SAMPLE TYPE: RAB SIEVE MESH: ___ SAMPLER: CAKE + JED DATE: ___

S.D.O. NO. ___ LAB: ___ ASSAY REP. NO: ___ DUPLICATE STORAGE: ___

SAMPLE Nº PREFIX / NUMBER		LOCATION / DEPTH (m)		INTERVAL (m)	DESCRIPTION / REMARKS
	1	1150 m	4m	3-4m	As Above Fe Cem Sand Frag / Lithics
	2	1200 m	4m	3.5-4m	As Above
	3	1250m	4m	3.5-4m	As Above / Cl
	4	1300m	4m	3.5-4m	As Above
	5	1350m	4m	3.5-4m	As Above Fe Cl
	6	1400m	4m	3-4m	Fe Cem Sand / Ps / min Qtz / Fe Cl
	7	1450m	3.5m	3-3.5m	As Above
7811653N 5096605E	8	1500m	4m	3.5-4m	As Above
	9	1550 m	4m	3-4m	As Above Abund Cl
Nº 545760		1600m	4m	3-4m	As Above
	1	~~1650~~	~~4m~~	~~3.5-4m~~	As Above Less Cl
	2	1650 m	4m	3.5-4m	As Above Less Cl
	3	1700 m	4	3.5-4m	As Above Abund Cl
	4	1750 m	4	3.5-4m	As Above
	5	1800 m	4	3.5-4m	As Above
	6	1850 m	4	3.5-4m	As Above
	7	1900m	4	3.5-4m	As Above
	8	1950 m	4	3.5-4m	As Above Less Cl
7812445N 5097605E	9	2000 m	4	3.5-4m	As Above No Cl
Nº 545770		2050m	4	3.5-4m	Fe Cem Sand
	1	2100m	3	2-3m	As Above Fe Cem Sand / Fe
	2	2150m	3	2-3m	As Above No Fe Rock Frag
	3	2200m	4	3-4m	As Above
	4	2250m	4	3-4m	As Above / Fe Rock Frags
	5	2300m	4	3-4m	As Above
	6	2350m	4	2-4m	Fe Sand / Fe Rock Frag (min)
	7	2400m	3	2-3m	Fe Sand / Fe Rock Frag / As - Ti
	8	2450m	3	2-3m	Fe Sand / Fe Cem Sand / Fe Rock
5097065E 7812652N	9	2500m	2.5	1-2.5m	Fe Cem Sand / Fe Rock Frag / As Ti
Nº 545780		2500m	3	2-3m	As Above
	1	2600m	3	2-3m	As Above
	2	2650m	3	2-3m	As Above
	3	2700m	3	2-3m	As Above (Ti - Ps)
	4	2750m	4	3.5-4m	Fe (Cem-Sand) / Fe Sand / Fe
	5	2800m	4	3.5-4m	As Above
	6	2850m	4	3.5-4m	Fe Cem Sand / Fe Sand / Fe Rock Frag
	7	2900m	4	3.5-4m	As Above
	8	2950m	4	3.5-4m	Fe Cem Sand / Fe Sand / Fe Rock / min QTZ
5098835E 7813082N		3000m	3	2-3m	As Above
Nº 545790		3050m	3	2-3m	As Above Less Qtz
	1	~~3100m~~	~~5 To Hard~~	~~5-10m~~	Fe Rock Frag / Fe Cem Sand / Min Qtz / Cl
	2	3100m	5 To Hard	Surface 5m	Fe Rock Frag / Fe Cem Sand / Min Qtz / Cl
	3	3150m	.5	0-.5m	As Above No Qtz
	4	3200m	2	1-2m	As Above Min Qtz
	5	3250m	2	0-2m	As Above
	6	3300m	2	0-2m	As Above
	7	3350m	2	0-2m	As Above Abund Cl
	8	3400m	2	0-2m	As Above
7813597N 5097165E	9	[illegible]	[illegible]	[illegible]	[illegible]

SAMPLE RECORD

ORIGINATORS COPY

METALS DIVISION

Shell

PROJECT: Mt Freda — LOC. CODE: HL10 — HOLE/GRID/OTHER: — SHEET ___ OF ___

SAMPLE TYPE: Auger — SIEVE MESH: ___ — SAMPLER: CRIB & JED — DATE: 8

S.O. No: ___ — LAB: ___ — ASSAY REP. No: ___ — DUPLICATE STORAGE: ___

SAMPLE No PREFIX / NUMBER	LOCATION / DEPTH (m)		INTERVAL (m)	DESCRIPTION / REMARKS
		ft		
1	3550 M	0-.5	0--5m	Qtz / Su Rock / Fe Rock Frag / Mn
2	3600 M	2	0-2m	Fe Con Sand / Fe Rock Frag / Mn Qtz / Ol Ss
3	3650 M	2	0-2m	As Above / Abun. Ms Cl Ss?
4	3700 M	2	0-2m	Fe Con Sand / Fe Rock Frag / Qtz / Mn Cl Ss?
5	3750 M	.5	5- .5m	Fe Con Sand / Fe Rock Frag / Qtz / Mn Cl Ss
6	3800 M	2	0-2m	As Above Mn Qtz / Mn Cl Ss
7	3850M	2	0-2m	As Above
8	3900 M	2	0-2m	As Above + Su - Rock
9	3950M	3	2-3m	As Above "
№: 545810	4000M	3	2-3m	Fe Con Sand / Fe Rock Frag / Mn Cutans (rare) Mn Cl
1	4050M	2	1-2m	As Above Fe Con
2	4100M	2	1-2m	Fe Con Sand / Mn Fe Rock Frag / Mn Mn Cl Ss
3	4150M	2	1-2m	As Above,
4	4200M	2	.5-2m	Fe Con Sand / Fe Rock Frag / Qtz / Mn Cl Ss
5	4250M	2	.5-2m	As Above + Su - Rock
6	4300M	2	.5-2m	As Above
7	4350M	2.5	1-2m	Mn Fe Con Sand / Mn Fe Rock Frag Mn Mn Fe
8	4400M	2.5	1-2m	As Above Abun Qtz
9	4450M	2.5	1-2m	As Above " + Su - Rock
№: 545820	4500M	2	0.5-2m	As Above "
1	4550M	2	.05-1.5m	As Above
2	4600M	2	0.5-2m	As Above Abun Qtz
3	4650M	2	0.5-2m	As Above
4	4700M	2	.05-2m	Fe Con Sand / Abun Qtz / Su Rock Frag
5	4750M	2	.05-2m	As Above
6	4800M	2	.05-2m	As Above
7	4850M	2	.05-2m	Fe Con Sand / Fe Rock Frags / Abun Qtz Fe
8	4900M	2	.5-2m	Fe Con Sand / Mn Fe Rock Frag - Qtz - Su
9	4950M	2	.5-2m	As Above
№: 545830	5000M	2.5	1.5-2.5m	Fe Rock Frag / Fe Con Sand / Qtz - Su
1				35 PPB
2	5050M	3	2-3m	Fe Rock Frag / Fe Con Sand / Mn Qtz Su
3	5100M	3	2-3m	As Above
4	5150M	4	2-3m	Fe Rock Frag / Fe Con Sand / Mn Qtz / C
5	5200M	2	1-2m	As Above Less Qtz
6	5250M	2	1-2m	Fe Rock Frag + Cutan / Mn Fe Con Sand
7	5300M	2	1-2m	As Above
8	5350M	2	1-2m	As Above + Su - Rock
9	5400M	2	1-2m	As Above
№: 545840	5450M	2	1-2m	As Above
7815590N 5097096E 1	5500M	2	1-2m	As Above
2	5550M	2	1-2m	As Above
3	5600M	2	1-2m	As Above
4	5650M	2	1-2m	As Above
5	5700M	2	1-2m	As Above
6	5750M	2	1-2m	As Above
7	5800M	2	1-2m	Fe Rock Frag / Fe Con Sand / Si Ss / Cutan
8	5850M	2	1-2m	As Above / Fe Con Sand / Si Rock / Cutan
9				
№: 545850				As Above

METALS DIVISION

SAMPLE RECORD

ORIGINATORS COPY

PROJECT: Mt. Fitton LOC. CODE: HL10 HOLE/GRID/OTHER: SHEET 0

SAMPLE TYPE: Hughes SIEVE MESH: SAMPLER: Oliver Jeo DATE: 6/10

S.D.O NO: LAB: ASSAY REP. NO: DUPLICATE STORAGE:

SAMPLE Nº PREFIX / NUMBER	LOCATION / DEPTH (m)		INTERVAL (m)	DESCRIPTION / REMARKS
7816073N S097935E 1	6000 m.	3	2-3	Ps/Kal. fe Con Sand fe Con Sand
2	6050 m	3	2-3	fe Rock Frag fe Con Sand / QTz
3	6100 m	3	2-3	Ps/Kal fe Con Sand fe Rock Frag
7816220N S097830E 4	6150 m	3	2-3	As Above
EOL - 7 N SOL - 8 N 5	0 m.	4	3-4	fe Con Sand fe Rock
6	50 m	4	3-4	As Above + Sil. Rock
7	100 m	4	3-4	As Above
8	150 m	4	3-4	As Above
9	200 m	4	3-4	As Above
Nº 545860	250 m	4	3-4	As Above
1	300 m	4	3	Rusty
2	300 m	4	3-4	As Above
QUARTZ VEIN 3	CHIPS from Outcrop			7814663N S094505E Out
4	350 m	4	3.5-4m	fe Rock Frag / fe Con Sand
5	400 m	4	3.5-4m	fe Sand / fe Con Sand / Qtz
6	450 m	4	3.5-4m	As Above
7815611N S102446E 7	500 m	3.5	3-3.5m	fe Con Sand / fe Rock Frag
8	550 m	3.5	3-3.5m	As Above
9	600 m	3	2.5-3m	fe Con Sand / fe Rock Frag
Nº 545870	650 m	3	2.5-3m	As Above
1	700 m	3	2.5-3m	As Above + Qtz
2	750 m	3	2.5-3m	As Above
3	800 m	3	2.5-3m	As Above
4	850 m	3	2.5-3m	As Above + Qtz
5	900 m	3	2.5-3m	As Above
6	950 m	4	2.5-4m	As Above Qtz
7815123N S106985E 7	1000 m	4	2.5-4m	fe Con Sand / fe Rock Frag
HOOD TO HARD 8	1050 m	4	2.5-4m	As Above
9	1150 m	2.5 VH	1-2.5m	fe Sand / fe Con Sand / Sil. Rock
Nº 545880	1200 m	2.5 H	1-2.5m	As Above + Mn Qtz fe Rock
1	1250 m	2.5 H	1-2m	As Above
2	1300 m	2.5 H	1-2.5m	fe Sand / Qtz
3	1350 m	2 H	1-2m	fe Rock Frag / fe Con Sand / Qtz
4	1400 m	2 H	1-2m	fe Rock Frag / fe Con Sand / Qtz
5	1450 m	2 H	1-2m	fe Rock Frag / fe Con Sand / Qtz
7814711N S106821E 6	1500 m	2 m	1-2m	fe Rock Frag / fe Con Sand / Qtz
7	1550 m	2 m	1-2m	fe Rock Frag / fe Con Sand / Qtz
8	1600 m	2 m	1-2m	As Above
9	1650 m	2 m	1-2m	As Above
Nº 545890	1700 m	2 m	1-2m	As Above + Qtz
1				35 PPB
2	1750 m	2 m	1-2m	fe Rock Frag / fe Con Sand / Qtz
3	1800 m	2 m	1-2m	fe Rock Frag / fe Con Sand / Qtz
4	1850 m	2 m	1-2m	As Above + Qtz
5	1900 m	2 m	1-2m	As Above + Qtz
6	1950 m	2 m	1-2m	Ps/Kal fe Rock Frag fe Con Sand / Qtz
7814210N S107316E 7	2000 m	2 m	1-2m	fe Rock Frag / fe Con Sand / As Above
8	2050 m	2 m	2 m	As Above
9	2100 m	2 m	2 m	As Above + Qtz
Nº 545900				fe Con Sand / fe Rock Frag / Sil.

Shell METALS DIVISION

SAMPLE RECORD

ORIGINATORS COPY

SHEET ___ OF ___

PROJECT: MT FREW LOC. CODE: HL 10 HOLE/GRID/OTHER: ___

SAMPLE TYPE: ALLUVIAL SIEVE MESH: ___ SAMPLER: J. EVANS DATE: 16-8-

S.D.O. Nº: ___ LAB: ___ ASSAY REP. Nº: ___ DUPLICATE STORAGE: ___

SAMPLE Nº PREFIX / NUMBER	LOCATION / DEPTH (m)		INTERVAL (m)	DESCRIPTION / REMARKS
(Line 6) cont 1	2350m	1.5m	1-1.5m	Fe Rock / cutan / Ss / Qtz
2	2400m	1.0m	.5-1m	Fe Rock / Ss / Qtz
3	7450m	1.0m	.5-1m	Fe Rock / Ss / Qtz / cutan
7813661N/508725E 4	2500m	1.5m	1-1.5m	Fe Rock / Ss / cutan / Mn ppt
5	2550m	2.0m	1.5-2m	Fe Rock / Ss / Mn ppt
6	2600m	2.0m	1.5-2m	Fe Rock / Ss / Qtz / Mn ppt
7	2650m	2.0m	1.5-2m	Fe Rock / Ss / Qtz
8	2700m	3.0m	2.5-3m	Fe Rock / Ss / S
9	2750m	1.5m	1-1.5m	Fe Rock / Ss / Qtz / cutan
Nº 545660	2800	1.5m	1-1.5m	Fe Rock / Ss / Qtz / cutan
1	~~2850~~	~~1.5m~~	~~1.5-2m~~	~~Fe Rock / Ss / cutan~~
2	2850	2.0m	1.5-2m	Fe Rock / Ss / cutan
3	2900	2.0m	1.5-2m	Fe Rock / Ss / cutan / Qtz
4	2950	1.5m	1-1.5m	Fe Rock / Ss / cutan
7813058N/508709E 5	3000	2.0m	1.5-2.0m	Fe Rock / Qtz
6	3050	1.5m	1.0-1.5m	Fe Rock / cutan
7	3100	3m m	2.5-3m	Fe Rock / cutan
8	3150	1.5m	1-1.5m	As above
9	3200	1.5m	1-1.5m	Fe Rock / Lat / Ss / cutan
Nº 545670	3250	1.5m	1-1.5m	As above
1	3300	1.5m	1-1.5m	Fe Lat / Qtz / cutan
2	3350	1.5m	1-1.5m	Fe Rock / Lat / cutan / Fe Qtz
3	3400	3.0m	2.5-3m	Fe Rock / Clay / cutan
4	3450	1.5m	1-1.5m	Fe Rock / cutan
7812660N/508699E 5	3500	1.5m	1-1.5m	Fe Rock
6	3550	1.5m	1-1.5m	Fe Rock
7	3600	1.5m	1-1.5m	Fe Rock / Mn Bk
8	3650	3.0m	2.5-3m	Fe Rock
9	3700	3.0m	2.5-3m	Fe Rock / ~~Fe~~ Qtz
Nº 545680	3750	1.5m	1-1.5m	Fe Rock
1	3800	1.5m	1-1.5m	Fe Lat
2	3850	1.5m	1-1.5m	Fe Lat
3	3900	3.0m	2.5-3m	Fe Rock / pis
4	3950	4.0m	3.5-4m	Fe / Rock / Sp
7812460N/508683E 5	4000	3.0m	2.5-3m	Fe Rock / Fe Qtz / cutan / Mn ppt
7812460N/ 6	4050	3.0m	2.5-3m	Fe Rock / Fe Qtz
7	4100	3.0m	2.5-3m	Fe Rock / cutan
8	4150	3.0m	2.5-3m	Fe Lat / cutan
9	4200	3.0m	2.5-3m	Fe Rock / pis
Nº 545690	4250	3.0m	2.5-3m	Fe Rock / cutan
1				- 145 pits
2	4300	4.0m	3.5-4m	Fe Rock
3	4350	3.0m	2.5-3m	Fe Rock / pis
4	4400	3.0m	2.5-3m	Fe Rock / pis
5	4450	1.5m	1-1.5m	Fe Rock / Qtz / pis
7811634N/508695E 6	4500	3.0m	2.5-3m	Fe Rock / Qtz / cutan
7	4550	4.0m	3.5-4m	Fe Rock / cutan
8	[illegible]	[illegible]	[illegible]	[illegible] / Qtz
9	[illegible]	[illegible]	[illegible]	[illegible]
Nº 545700	[illegible]	[illegible]	[illegible]	[illegible]

METALS DIVISION
Shell

SAMPLE RECORD

ORIGINATORS COPY

SHEET ___ OF ___

PROJECT: MARKED. LOC CODE: 4A10 HOLE/GRID/OTHER: ___

SAMPLE TYPE: AUGER SIEVE MESH: ___ SAMPLER: OLIVE JED DATE: 6/10/7

S.O. NO: ___ LAB: ___ ASSAY REP NO: ___ DUPLICATE STORAGE: ___

SAMPLE Nº PREFIX / NUMBER	LOCATION / DEPTH (m)		INTERVAL (m)	DESCRIPTION / REMARKS
1	2200m	3 m	2-3 m	As (red) / Fe Cem Sand / Fe Rock Frag / and Sa
2	2250 m	2 m	1-2m	Fe Cem Sand / Fe Rock Frag / Fe Sa
3	2300m	2m	1-2m	As Above
4	2350 m	2 m	1-2m	As Above As
5	2400m		1-2m	As Above
6	2450m	2m	1-2m	Fe Cem / Fe Rock Frag / and / Cl Sa
7813668N 2550 VH 510762 E 7	2500m	2m	1-2m	Fe Cem / Fe Rock Frag / Fe Sand
TO HARD. 8	2600m	2m	1-2m	Fe Cem Sand / Fe Rock Frag / QTZ / Fe Rock Fe
9	2650m	2m	1-2m	As - As Above
Nº 545910	2700m	1-5m	0-5-1-5m	Fe Cem Sand / Fe Rock Frag / QTZ / Fe Rock Fe
1	2750m	1-5m	0-5-1-5m	As Above
2	2800m	2m	0-5-1-5m	As Above
3	2850m	2m	0-5-2m	As Above and QTZ - Silt Rock
4	2900m	2m	0-5-2m	As Above Ext - Silt Stone - Above Cl Ss.
5	2950m	2m	0-5-2m	Fe Cem Sand / Fe Rock Frag / Cl Ss
7813176N 510640E 6	3000m	2m	0-5-2m	As Above
7	3050m	2m	1-2m	Fe Cem Sand / Fe Rock Frag / Cl Ss
8	3100m	2m	1-2m	Fe Rock Frag / Fe Cem Sand / Cl Ss
9	3150m	2m	1-2m	As Above
Nº 545920	3200m	2m	1-2m	As Above
1	3250m	2m	1-2m	As Above and Qtz
2	3300m	2m	1-2m	As Above
3	3350m	2m	1-2m	As Above
4	3400m	2m	1-2m	As Above
5	3450m	2m	1-2m	As Above
7812618N 510724E 6	3500m	2m	1-2m	Fe Rock Frag / Fe Cem Sand / Cl Ss / As
7	3550m	2m	1-2m	As Above
8	3600m	2m	1-2m	As Above
9	3650m	2m	1-2m	As Above
Nº 545930	3700m	3m	2-3m	As Above + Clutan.
1				Blank.
2	3750m	2m	1-2m	As Above
3	3800m	3m	2-3m	Fe Rock Frag / Fe Cem Sand / As / QTZ / Clutan
4	3850m	4m	2-4m	As Above
5	3900m	3	2-3m	As Above
6	3950m	3	2-3m	As Above and QTZ.
7812129N 510741E 7	4000m	3	2-3m	As Above
8	4050m	3	2-3m	As Above
9	4100m	3	2-3m	As Above / As QTZ.
Nº 545940	4150m	4	3-4m	Fe Cem Sand / Fe Rock Frag / and QTZ
1	4200m	4	3-4m	As Above - Silt - Rock
2	4250m	4	3-4m	Above Fe Cem Sand / Fe Rock Frag.
3	4300m	4	3-4m	As Above and QTZ.
4	4350m	4	3-4m	Fe Cem Sand
5	4400m	4	3-4m	Fe Cem Sand / Fe Rock Frag / and QTZ.
6	4450m	4	3.5-4m	As Above
7811650N 510710E 7	4500m	3	2.5-3m	Fe Cem Sand
8	4550m	4	3-4m	Fe Cem Sand / Fe Sand
9	4600m	4	3-4m	Fe Cem Sand / Fe Rock Frag / and Silt Rock + Cl
Nº 545950	4650m	4	3-4m	As Above

METALS DIVISION

SAMPLE RECORD

FILE COPY

PROJECT: MT FRED LOC CODE: HL10 HOLE/GRID/OTHER: SHEET __ OF __

SAMPLE TYPE: GRAB SIEVE MESH: SAMPLER: DUKE & DEO DATE: 4 AUG 87

S.D.O NO: LAB: ASSAY REP NO: DUPLICATE STORAGE:

SAMPLE NO PREFIX/NUMBER		LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION/REMARKS
	1	4700 m	4	3.5-4m	Fe Cem Sand / Fe Sand.
	2	4750 m	4	3.5-4m	As Above.
	3	4800 m	4	3.5-4m	As Above
	4	4850 m	4	3.5-4m	As Above
	5	4900 m	4	3.5-4m	As Above
	6	4950 m	4	3.5-4m	As Above / Grad. Ss.
7811225N	7	5000 m	4	3.5-4m	As Above
S10126E	8	5050 m	4	3.5-4m	As Above Min Qtz.
	9	5100 m	4	3.5-4m	As Above
No 545960		5150 m	4	3.5-4m	Fe Sand
	1				3.5 ppb.
	2	5200 m	4	3.5-4m	Fe Sand.
	3	5250 m	4	3.5-4m	As Above
	4	5300 m	3	2-3m	Fe Cem Sand / Fe Sand.
	5	5350 m	3	2-3m	Fe Sand / Cl Ss.
	6	5400 m	3	2-3m	Fe Sand
	7	5450 m	2	1-2m	Fe Sand / Cl Ss.
7810694N	8	5500 m	3	1-3m	Fe Sand / Cl Ss.
S10756E	9	5550 m	3	1.5-3m	As Above - Fe Cem Sand.
No 545970		5600 m	3	1.5-3m	Fe Sand / Cl Ss.
	1	5650 m	4	3-4m	As Above
	2	5700 m	3	2-3m	Fe Sand / Fe Cem Sand / Cl Ss
	3	5750 m	3	2-3m	Abun Fe Cem Sand.
	4	5800 m	4	3-4m	Fe Cem Sand / Fe Rock Frag / Mn Ss - Rock / Cl Ss
	5	5850 m	3	2-3m	As Above
	6	5900 m	3	2-3m	As Above.
	7	5950 m	3	2-3m	As Above.
7810200N	8	6000 m	4	3-4m	As Above
S10700E	9	0 m	2	1-2m	Fe Cem Sd / Min Qtz JOHN / GEOFF.
No 545980		50m	2.5m	1-2.5m	As Above
POS 503 692E	1	100m	2 m	1-2m	As Above
78[illegible]18N	2	150m	3m	1-3m	Fe Cem Sd
	3	200m	3m	1-3m	Fe Cem Sd / Fe Rk Frag / Mi Qtz.
	4	250m	3m	1-3m	Fe Cem Sd / Fe Rk Frags.
	5	300m	4m	3-4m	Fe Cem Sd
	6	400m	3m	2-3m	As Above
[illegible]7DE	7	500m	3m	2-3m	As Above
78[illegible]65N	8	600m	3.5m	2-3.5m	Fe Cem Sd / Fe Rk Frag / Tr Qtz
	9	550m	4m	2-4m	Fe Cem Sd / Fe Rk Frag / Mi Qtz
No 545990		650m	4m	2-4m	Fe Cem Sd / Fe Rk Frag / Tr Qtz
	1				4+ ppb
	2	700m	4m	2-4m	Fe Cem Sd / Fe Rk Frag / Tr Qtz
	3	750m	3.5m	2-3.5m	Fe Cem Sd / Fe Rk Frag / Tr Qtz
	4	800m	2m	1-3m	As Above
	5	850m	4m	2-4m	As Above / [illegible]
	6	900m	2m	1-2m	As Above / [illegible]
	7	950m	2m	2m	Fe Sd
50[illegible]65E	8	1000m	4m	2-4m	Fe Cem Sd / Fe Rk Frag / Tr Qtz / Sltd Rk
[illegible]DAN	9	1050m	2m	1-2m	Fe Cem Sd / Fe Rk Frag / Tr Qtz / Sltd Rk
No 546000		1100m	2.5m	1-2.5m	As Above

METALS DIVISION
Shell

SAMPLE RECORD

FILE COPY

SHEET ___ OF ___

PROJECT: MT FRED LOC. CODE: 111 10 HOLE/GRID/OTHER: ___

SAMPLE TYPE: AUGER SIEVE MESH: ___ SAMPLER: GERRY & DAVID DATE: 27/8/84

S.D.O. Nº ___ LAB: ___ ASSAY REP. Nº: ___ DUPLICATE STORAGE ___

SAMPLE Nº PREFIX/NUMBER	LOCATION	DEPTH (m)	INTERVAL (m)	DESCRIPTION/REMARKS
1	1150 M	3m	2-3m	Fe Cem Sd/Fe Rx Ferr/Tr Qtz. Lots Rx
2	1200 m	3m	2-3m	Fe Cem Sd/Fe Rx Ferr/Pi
3	1250 m	3m	2-3m	Fe Cem Sd/Fe Rx Ferr/Tr Qtz
4	1300 m	3m	2-3m	As Above
5	1350 m	3m	2-3m	"
6	1400 m	4m	3-4m	Fe Cem Sd/Fe Rx Ferr Lots of Lat Rx
7	1450 m	4m	3-4m	Fe Cem Sd/Fe Rx Ferr Lots of Lat Rx
8	1500 m	4m	3-4m	Fe Cem Sd/Fe Rx Ferr Lots of Lat Rx
9	1550 m	4m	3-4m	As Above / M
Nº 546010	1600 m	4m	3-4m	As Above
1	1650 m	3m	2-3m	As Above
2	1700 m	4m	3-4m	As Above
3	1750 m	4m	3-4m	Fe Cem Sd/Fe Rx Ferr/Tr Qtz/Pi
4	1800 m	4m	3-4m	Fe Cem Sd/Pi
5	1850 m	3.5m	3-4m	"
6	1900 m	4m	3-4m	As Above / M Qtz
7	1950 m	4m	3-4m	Fe Cem Sd/Fe Rx Ferr/Tr Qtz/Pi
8	2000 m	4m	3-4m	As Above
9	2050 m	4m	3-4m	Fe Cem Sd/Fe Rx Ferr/Pi
Nº 546020	2100 m	4m	3-4m	Fe Cem Sd/Fe Rx Ferr/Pi/Tr Qtz
1	1150 m	4m	3-4m	Fe Cem Sd/Fe Rx Ferr/Pi/Tr Qtz
2	2200 m	3.5m	2.5-3.5m	Fe Sd/Fe Rx Ferr/Pi/Tr Qtz
3	2250 m	4m	3-4m	As Above
4	2300 m	4m	3-4m	As Above
5	2350 m	4m	3-4m	As Above
6	2400 m	4m	3-4m	As Above / Sc
7	2450 m	4m	3.5-4m	As Above
8	2500 m	4m	3-4m	Fe Cem Sd/Fe Rx Ferr/Pi/Ss
9	2550 M	4m	3.5-4m	Ss/M Qtz
Nº 546030	2600 m	4m	3-4m	As Above/Pi
1	---			Ss/Qtz
2	2650 m	4m	3-4m	As Above
3	2700 m	3.5m	2.5-3.5m	Fe Sd/Fe Hard
4	2750 m	4m	3-4m	Ss/Fe/Pi/M Sd
5	2800 m	3.5m	2.5-3.5m	Ss/M Fe Qtz
6	2850 m	1.5m	1-1.5m	Fe Sd/No Hard
7	2900 m	4m	3-4m	Ss/Fe/Pi/Qtz
8	2950 m	4m	4m	Fe Sd
9	3000 m	4m	4m	Ss
Nº 546040	3050 m	4m	4m	Fe Sd
1	3150 m	4m	4m	Fe Sd
2	3250 m	4m	4m	Ss/Fe/Pi/Qtz?
3	3200 m	4m	4m	Fe Sd
4	3300 m	4m	4m	Sd/Fe
5	3350 m	4m	4m	Sd/Fe
6	3400 m	4m	4m	Fe Sd
7	3500 m	4m	4m	Fe Sd
8	3600 m	4m	4m	Fe Cem
9	3700 m	4m	3.5-4m	Fe Sd
Nº 546050	2960 m	4m	3.5-4m	Fe Sd

METALS DIVISION
Shell

SAMPLE RECORD

FILE COPY

SHEET ___ OF ___

PROJECT: MT FRED   LOC. CODE: HL 10   HOLE/GRID/OTHER: ___

SAMPLE TYPE: AUGER   SIEVE MESH: ___   SAMPLER: [illegible]   DATE: 29/8/94

S.D.O. Nº ___   LAB: ___   ASSAY REF. Nº: ___   DUPLICATE STORAGE: ___

SAMPLE Nº PREFIX/NUMBER	LOCATION/DEPTH (m)		INTERVAL (m)	DESCRIPTION/REMARKS
503690E 1	3900m	4m	3.5-4m	Moist Sd / Ss
7815[illegible] 2	4000m	4m	3.5-4m	As Above
[illegible] 660 E 3	9100m	4m	3.5-4m	As Above
[illegible] 4	4[illegible]m	3[illegible]	[illegible]	As Above
[illegible] 5	[illegible]	4[illegible]	[illegible]	As Above
[illegible] 6	[illegible]m	3[illegible]m	[illegible]	Pi / Ss / Tr QTZ [illegible] ([illegible])
30/8/94 7	[illegible]m	3[illegible]	[illegible]	As Above
8	100m	3.5m	[illegible]	As Above [illegible]
9	150m	3.5m	3.0-3.5m	Ss / P [illegible]
Nº 546060	200m	4.0m	3.0-4.0	Ss / Pi / Tr QTZ
1				45 PPB
2	250m	2.5m	2-2.5m	Ss / Pi / Mi QTZ
3	300m	4.0m	3-4.0m	As Above
4	350m	3.0m	2-3.0m	Ss / Tr QTZ
5	400m	[illegible]	3-3.5m	Ss / Pi
504658E 7815[illegible]N 6	500m	4.0m	3-4.0m	As Above
7	600m	4.0m	[illegible]	As Above / [illegible] QTZ
8	700m	[illegible]	[illegible]	[illegible] / Pi / Mi QTZ
9	800m	[illegible]	[illegible]	[illegible]
Nº 546070	900m	3.0m	2.5-3.0m	As Above OFF LINE 45m EAST
1	1000m	3.5m	3.0-3.5	As Above
504[illegible] 7814[illegible]N 2	[illegible]m	3.5m	2.5-3.5m	As Above
30/8/94 3	1100m	3.0m	2.0-3.0m	Ss / Pi / Tr QTZ
4	1200m	3.0m	2.0-3.0m	As Above
504690E 78[illegible]N 5	1400m	4.0m	3.5-4.0	Ss / Minimum Tr QTZ [illegible]
6	1600m	3.0m	3.0m	Fe Sd Poor sample Too Hard
7	[illegible]m	3.5m	3.0-3.5m	Ss / Pi
504[illegible] 78[illegible]N 8	2000m	3.5m	3.0-3.5m	As Above [illegible]
9	2200m	3.5m	3-3.5m	Fe Sd
Nº 546080	2400m	4.0m	4.0m	Ss
504653E 78[illegible]N 1	2600m	3.5m	3.0-3.5m	Fe Sd
2	2800m	3.2m	3.2m	As Above To Hard
504630E 78[illegible]N 3	3000m	3.2m	3.2m	As Above
4	3200m	3.2m	3.2m	As Above
[illegible] 5	3400m	3.2m	3.2m	As Above
6	3600m	3.2m	[illegible]	As Above
7	3800m	2.8m	2.8m	As Above
[illegible] 78[illegible] 8	4000m	3.5m	3.5m	As Above
SOLAS 9	4200m	[illegible]	[illegible]	Moist Fe Sd.
Nº 546090	4400m	2.8m	2.8m	As Above (504691E 78[illegible]N)
1				32 PPB
[illegible] 2	[illegible]m	2.0m	[illegible]	Ss / Pi / Tr QTZ ([illegible])
3	[illegible]	[illegible]		[illegible]
4	[illegible]	[illegible]5		[illegible]
5	800m	1.5m		[illegible]
[illegible] 6	1000m	2.5m	2.0-2.5m	As Above
[illegible] 7	1200m	2.0m	1.0-2.0	As Above.
8	1400m	2.5m	1.5-2.5m	As Above
9	1600m	1.8m	.5-1.8m	Fe Sd + Tr [illegible]
TO 546100	17[illegible]	2.5m	1.5-2.5m	[illegible]

METALS DIVISION
Shell

SAMPLE RECORD

FILE COPY

SHEET ___ OF ___

PROJECT: MS Reco. LOC. CODE: MS10 HOLE/GRID/OTHER: ___

SAMPLE TYPE: Auger SIEVE MESH: ___ SAMPLER: Gerry & Jono DATE: 1/9/94

S.D.O. Nº ___ LAB ___ ASSAY REP. Nº ___ DUPLICATE STORAGE: ___

SAMPLE Nº PREFIX / NUMBER		LOCATION / DEPTH (m)		INTERVAL (m)	DESCRIPTION / REMARKS
SOL 34 W	1	0m	2.5m	1.5-2.5m	Ss / Mn P. (1803569 N 504993 E)
	2	50m	1.5m	1.0-1.5m	Ss / Fe / Indurated
	3	100m	1.5m	1.0-1.5m	As Above.
	4	150m	1.5m	1.0-1.5m	As Above
	5	200m	1.5m	1.0-1.5m	Ss / Fe / Trace
	6	250m	2.2m	1.5-2.2m	Ss / Few Pi / Indurated
	7	300m	1.5m	1.0-1.5m	Fe Cem Ss / Ss Hard
7802535 N	8	400m	2.5m	1.5-2.5m	Fe Cem Ss / Ss
504820 E	9	500m	3.2m	2.5-3.2m	Ss /
Nº 546110		600m	3.2m	2.5-3.2m	Ss / Fe Cem Ss
	1	700m	2.5m	2-2.5	Ss / Cem Ss Indurated Poor Sample
	2	800m	3.5m	2-3.5m	Ss / Cem Ss
	3	900m	1.8m	1.5-1.8	Ss / As Above
7802507 N	4	1000m	2.5m	1.5-2.5	As Above
505285 E	5	1200m	2.2m	1.5-2.2	Ss / Cem Ss / Pi
	6	1400m	2.2m	1.5-2.2	Ss / Few Pi
7803596 N 505838 E	7	1500m	2.5m	1.5-2.5	As Above / Poor Sample Lol. 34 E.
17000N →	8	10000E	0m	0m	Fe. Sediments, Bn, Rd, Wh
10000E	9	99500E	0m	0m	As Above
Nº 546120		99000E	3m	2-3m	Fe Sediments Rd, Pp, Wh, Fe Rock
	1	98500E	3m	2.5-3m	Fe Sediments Rd, Bn, Fe Rock, Bn, Yw
	2	98000E	3m	2.5-3m	Fe Rock Rd, Pp + Fe Sediments Bn, Rd
	3	97500E	4m	3.5-4m	mainly CL + Sand, Rd / Wh Fe Rock, Rd
	4	97000E	3m	2.5-3m	Fe cemented Sand Rd + Manganese Bx
	5	96500E	3m	2.5-3m	Fe cemented Sand Rd, Bn + Pp with cubans
	6	96000E	4m	3.5-4m	Fe cemented Sand, Rd, Bn / Fe Sediments Rd / Wh
	7	95500E	3m	2.5-3m	Fe Sp, Rd, Wh / Sandstone Gyp with QTZ / Fe Rock
	8	95000E	3m	2-3m	Fe Sediments Dg, Rd, Pp, Wh / Sandstone QTZ
	9	94500E	2.5	2-2.5	Fe Sp, Rd, Dg, Wh / QTZ / Wh Pale Rd + Gy
Nº 546130		94000E	2.5-3m	1.5-3m	Fe Sediments, Rd, Dg / Fe Sandstone + QTZ Rd
	1	----	----	----	35 - PPB
	2	93500E	2m	1.5-2m	Fe Sediments Rd, Dg, Bn / Fe Sandstone QTZ
	3	93000E	2m	1.5-2m	Fe Sediments, Rd, Dg, Wh, Bn / Wh QTZ Brn
	4	92500E	2m	1.5-2m	Fe Sandstone, Wh, Gy / Wh QTZ Bn + Wh
	5	92000E	2m	1.5-2m	Fe Sandstone Wh with QTZ / Wh Sediments, R
	6	91500E	2m	1.5-2m	Wh Fe Sediment Rd Dg / mainly QTZ Wh, Rd
	7	91000E	2m	1.5-2m	Wh Fe Rock, Bn, Gy / mainly QTZ Wh, Gy
	8	90500E	2m	1.5-2m	mainly QTZ Wh, Rd / Wh Fe Rock, Rd
E.O.L.	9	90000E	2m	1.5-2m	mainly QTZ, Wh / Wh Fe Rock, Rd + Bn
Nº 546140		90000E	3m	2.5-3m	mainly QTZ Wh / Wh Fe Rock, Rd, Dg
16600N ←	1	90500E	2m	1.5-2m	mainly QTZ Wh / Wh Fe Rock, Rd
	2	91000E	2m	1.5-2m	Bn [illegible]
	3	91500E	2m	1.5-2m	[illegible]
	4	92000E	2m	1.5-2m	As Above
	5	92500E	2m	1.5-2m	QTZ [illegible] Fe Rock, Rd
	6	93000E	2m	1.5-2m	Fe Sediment [illegible] QTZ Fe Rock
	7	93500E	2m	1.5-2m	Fe Sediment [illegible]

APPENDIX 3

ASSAY REPORTS

MT FREDERICK SAMPLES - SOUTH

SAMPLE NO (RANGE)	LOCATION	TYPE (ROCKCHIP/AUGER) PHRB
354806-354809	PEGGED GRID 6	
354810	REGIONAL LINE 23	
354832	COSTEAN 1 (approx 300m west of line 22)	ROCKCHIP 505673E 7789900N
354831	Pegged Grid 20015N 10120E	ROCKCHIP JD
354833	COSTEAN 2 From E-W (approx 300m E of line 22)	ROCKCHIP 505621E 7789845N
354844	ROCKCHIPS taken	ROCKCHIP 506913E 7789655N
354845	between Regional Lines	ROCKCHIP 505614E 7790171N
354847	22 and 23	ROCKCHIP 505645E 7790097N
354848		ROCKCHIP 505935E 7789992N
354849		ROCKCHIP 506036E 7789939N
354850		ROCKCHIP 506059E 7789853N
354851		ROCKCHIP 506511E 7789661N
354852		ROCKCHIP 506518E 7789567N
354853		ROCKCHIP 506541E 7789520N
354854		ROCKCHIP 506704E 7789427N
354855		ROCKCHIP 506767E 7789368N
354856		ROCKCHIP 506894E 7789359N
354857-354863	GRID 6	ROCKCHIP
459262-459282	LINE 31 (E-W)	PHRB REGIONAL
459283-459325	LINE 27 (N-S)	PHRB REGIONAL
459326-459385	LINE 26 (S-N)	PHRB REGIONAL
459386-459451	LINE 25 (N-S)	PHRB REGIONAL
459452-459517	LINE 24 (S-N)	PHRB REGIONAL
459518-459545 (0-1350m)	LINE 17 (S-N)	PHRB REGIONAL
459546-459559 (0-650m)	LINE 17 (S-N)	PHRB REGIONAL
459560-459585 (0-1600m)	LINE 18 (N-S)	PHRB REGIONAL
459586-459589 (1600-3030m)	LINE 18 (N-S)	PHRB REGIONAL
459590-459641	LINE 19 (S-N)	PHRB REGIONAL
459642-459690	LINE 20 (N-S)	PHRB REGIONAL
459691-459703	LINE 21 (S-N)	PHRB REGIONAL
459704-459745	LINE 21 (S-N)	PHRB REGIONAL
459746-459752 (0-300m)	LINE 22 (N-S)	PHRB REGIONAL
459753-459790 (0-1800)	LINE 22 (N-S)	PHRB REGIONAL
459791-459820 (0-1400)	LINE 23 (S-N)	PHRB REGIONAL
459821-459838 (0-800)	LINE 23 (S-N)	PHRB REGIONAL
459839-459843 (0-200)	LINE 30 (S-N)	PHRB REGIONAL
459844-459899 (0-2650)	LINE 29 (W-E)	PHRB REGIONAL
546510-546595	PEGGED GRID 6	AUGER REGIONAL
546596-546611 (0-800m)	LINE 17	AUGER REGIONAL
546612-546618 (0-300m)	LINE 18 (N-S)	AUGER REGIONAL
546619-546638 (0-1150m)	LINE 18 (N-S)	AUGER REGIONAL
546639-546652 (0-650m)	LINE 22 (S-N)	AUGER REGIONAL
546653-546673 (0-150m)	LINE 23	AUGER REGIONAL
460241-460285	PEGGED GRID 6	43 AUGER HOLES

460286-460302	LINE 29 (800m section west of grid)	12 AUGER, 5 surface samples
460303-460330	LINE 28 (0-1350m)	26 AUGER HOLES
460332-460381	LINE 30 (S-N 0-2950m)	48 AUGER HOLES

MT FREDERICK SOUTH

25-27 September, 1994

Auger Sampling

Number of Samples
(73) Regional Lines 17, 18, 22, 23
(83) Pegged Grid 6

* Total holes - 156
* Samples - 156

MT FREDERICK NORTH

685 samples from 685 Auger holes
totaling - 45.72 line km of Augering in lines
(1-8), outcropping sections of 10 and line 34

MT FREDERICK NORTH - AUGERING COMPLETED

7/8/94 - 1/9/94

		HOLES	SAMPLES	LENGTH
LINE 1	545979-546055	75	75	4.3km
LINE 2	546056-546090	34	34	4.4km
LINE 3	545412-545467	54	54	4.3km
LINE 4	545468-545541	71	71	6.07km
LINE 5	545542-545604	60	60	6.00km
LINE 6	545605-545726	119	119	6.00km
LINE 7	545727-545854	126	126	6.15km
LINE 8	545855-545978	120	120	6.00km
LINE 10	546092-546100	9	9	700-1700m (1.0km)
LINE 34	546101-546117	17	17	1.5km
	TOTALS	685	685	45.72 line km Augering

Appendix 1
Mt. Fred Rockchip Sample Locations and Assays 1994

SAMPLE	GPS NORTH	GPS EAST	GRID EAST	GRID NORTH	REG'NL LINE	Au Dp1 ppb	Au Dp2 ppb	Zn ppm	Cu ppm	Pb ppm	Ag ppm	As ppm	Ca ppm	P ppm	Mg %
354806			10140E	20000N	Grid 6	85	85	11	130	80	<1	790	0.013	40	0.012
354807			9780E	20000N	Grid 6	60	42	5	11	5	<1	30	0.015	65	0.012
354808			9830E	20200N	Grid 6	14	13	60	65	10	<1	195	0.004	660	0.082
354809			9850E	20400N	Grid 6	40	30	10	40	10	<1	135	0.006	45	0.018
354810					23	90	80	270	115	25	1	2550	0.035	1140	0.03
354831			10120E	20015N		2	2	8	5	15	<0.1	13	110	60	35
354832	7789900	505673			22	4	-	110	170	30	<1	120			
354833	7789845	505620			22	<1	-	10	20	10	<1	15			
354844	7789655	506913				<1	-	35	65	25	<1	240			
354845	7790171	505614				18	16	160	170	25	<1	40			
354846	7790097	505645				2	-	160	130	10	<1	40			
354847	7790083	505702				<1	<1	270	160	15	<1	35			
354848	7789902	505935				<1	-	10	55	5	<1	10			
354849	7789939	506036				41	38	10	190	20	<1	130			
354850	7789853	506059				56	68	10	130	25	<1	35			
354851	7789661	506511				4	-	40	120	30	<1	30			
354852	7789567	506518				<1	-	25	70	60	<1	50			
354853	7789520	506541				<1	-	15	75	10	<1	5			
354854	7789427	506704				62	52	5	30	10	<1	65			
354855	7789368	506767			23	2	-	10	220	20	<1	270			
354856	7789655	506913				17	-	5	30	25	<1	220			
354857	7786936	505940			Grid 6	3	-	5	5	15	<1	45			
354858	7786906	506017	9700E	20450N	Grid 6	16	-	5	10	10	<1	55			
354859	7786917	506034			Grid 6	24	-	25	10	35	<1	45			
354860	7786909	506238			Grid 6	3	35	5	85	5	<1	35			
354861	7786708	505902	9700E	20235N	Grid 6	166	180	10	15	25	<1	190			
354862	7786716	505909			Grid 6	48	-	10	10	15	<1	75			
354863	7786606	505865			Grid 6	20	22	5	70	10	<1	130			

Appendix 1
Mt. Fred Rockchip Sample Locations and Assays 1994

V	Na	Cr	Ti	K	Mn	Co	Ni	Ga	Se	Rb	Sr	Y	Zr	Nb	Mo	Cd	In	Sb
ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
5	0.007	115	110	0.085	50	<2	4				9	<2	<5	<5	<2	<2		
3	0.01	140	45	0.073	45	2	5				11	<2	<5	<5	2	<2		
40	0.031	95	420	0.77	40	3	25				5	6	10	<5	<2	<2		
6	0.009	110	160	0.12	40	<2	6				4	<2	<5	<5	<2	<2		
125	0.015	95	1300	0.113	95	13	80				18	30	<5	<5	<2	<2		
3	75	80	70	200	75	1	5	1.2	0.5	2.7	6.8	1.15	3	1.5	2.6	<0.1	<0.1	4.5
					50										5			
					60										<3			
					45										5			
					160										<3			
					140										<3			
					180										<3			
					70										5			
					50										<3			
					55										5			
					210										<3			
					70										5			
					70										<3			
					80										5			
					35										5			
					80										5			
					95										5			
					50										5			
					40										<3			
					65										5			
					90										10			
					85										10			
					150										<3			

Appendix 1
Mt. Fred Rockchip Sample Locations and Assays 1994

Te	Cs	Ba	La	Ce	Hf	Ta	W	Tl	Bi	Th	U	Fe	Sn		
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm		
				85					45			5.75	5		
				15					185			0.88	<5		
				20					<5			8.85	<5		
				30					<5			2.96	<5		
				25					<5			25.1	<5		
<0.2	0.2	45	15	20	<0.5	<0.5	700	<0.1	1	0.5	0.24	0.73			
							<10		10			27.1	10		
							<10		<5			3.6	5		
							<10		5			7.95	<4		
							15		<5			19.6	5		
							<10		<5			21.1	5		
							10		<5			30.4	<4		
							<10		<5			2.48	<4		
							<10		<5			4.36	<4		
							<10		460			6.65	5		
							<10		25			15.2	<4		
							10		<5			3.82	<4		
							<10		160			3.44	5		
							<10		65			1.5	<4		
							<10		130			11.9	5		
							10		10			4.56	<4		
							<10		<5			1.61	<4		
							<10		<5			1.74	5		
							<10		180			3.5	5		
							<10		<5			1.71	5		
							<10		20			2.92	<4		
							<10		5			3.36	5		
							<10		40			3.42	<4		

amdel

Job: 4AD4694
O/N: 4DN1633

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	As	Bi	Ag	Fe
354832	170	30	110	120	10	<1	27.1
354833	20	10	10	15	<5	<1	3.60
354844	65	25	35	240	5	<1	7.95
354845	170	25	160	40	<5	<1	19.6
354846	130	10	160	40	<5	<1	21.1
354847	160	15	270	35	<5	<1	30.4
354848	55	5	10	10	<5	<1	2.48
354849	190	20	10	130	<5	<1	4.36
354850	130	25	10	35	460	<1	6.65
354851	120	30	40	30	25	<1	15.2
354852	70	60	25	50	<5	<1	3.82
354853	75	10	15	5	160	<1	3.44
354854	30	10	5	65	65	<1	1.50
354855	220	20	10	270	130	<1	11.9
354856	30	25	5	220	10	<1	4.56
354857	5	15	5	45	<5	<1	1.61
354858	10	10	5	55	<5	<1	1.74
354859	10	35	25	45	180	<1	3.50
354860	85	5	5	35	<5	<1	1.71
354861	15	25	10	190	20	<1	2.92
354862	10	15	10	75	5	<1	3.36
354863	70	10	5	230	40	<1	3.42

Grade

UNITS	ppm	ppm	ppm	ppm	ppm	ppm	%
DET.LIM	2	5	2	3	5	1	0.01
SCHEME	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E

amdel

Job: 4AD4694
O/N: 4DN1633

Final

ANALYTICAL REPORT

SAMPLE	Mn	Mo	Sn	W
354832	50	5	10	<10
354833	60	<3	5	<10
354844	45	5	<4	<10
354845	160	<3	5	15
354846	140	<3	5	<10
354847	180	<3	<4	10
354848	70	5	<4	<10
354849	50	<3	<4	<10
354850	55	5	5	<10
354851	210	<3	<4	<10
354852	70	5	<4	10
354853	70	<3	5	<10
354854	80	5	<4	<10
354855	35	5	5	<10
354856	80	5	<4	10
354857	95	5	<4	<10
354858	50	5	5	<10
354859	40	<3	5	<10
354860	65	5	5	<10
354861	90	10	<4	<10
354862	85	10	5	<10
354863	150	<3	<4	<10

And b

UNITS	ppm	ppm	ppm	ppm
DET.LIM	5	3	4	10
SCHEME	JC3E	IC3F	XRF1	XRF1

amdel

Job: 4DN1633
O/N: 11025/HL20

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Dpl	
354832	4		--
354833	<1		--
354844	<1		--
354845	18	17	16
354846	2		--
354847	<1		<1
354848	<1		--
354849	41	37.5	38
354850	56	62	68
354851	4		--
354852	<1		--
354853	<1		--
354854	62	57	52
354855	2		--
354856	17		--
354857	3		--
354858	16		--
354859	24		--
Amdel 354860	3	4	5
354861	166	173	180
354862	48		--
354863	20	21	22

MT FLEA ROCK CHIPS.

UNITS	ppb	ppb
DET.LIM	1	1
SCHEME	FA3	FA3

amdel

Job: 4AD4270
O/N: 13437/HL20/BXH/21

ANALYTICAL REPORT

		Sample 354831	
Ca	ppm	110	IC3E
P	ppm	60	IC3E
Mg	ppm	35	IC3E
V	ppm	3	IC3E
Na	ppm	75	IC3E
Cr	ppm	80	IC3E
Zn	ppm	8	IC3E
Cu	ppm	5	IC3E
Pb	ppm	15	IC3E
Ti	ppm	70	IC3E
K	ppm	200	IC3E
Mn	ppm	75	IC3E
Fe	%	0.73	IC3E
Au Dp1	ppb	2	FA3
Au Dp2	ppb	2	FA3
Co	ppm	1.0	IC3M
Ni	ppm	5	IC3M
Ga	ppm	1.2	IC3M
As	ppm	13	IC3M
Se	ppm	0.5	IC3M
Rb	ppm	2.7	IC3M
Sr	ppm	6.8	IC3M
Y	ppm	1.15	IC3M
Zr	ppm	3.0	IC3M
Nb	ppm	1.5	IC3M
Mo	ppm	2.6	IC3M
Ag	ppm	<0.1	IC3M
Cd	ppm	<0.1	IC3M
In	ppm	<0.1	IC3M
Sb	ppm	4.5	IC3M
Te	ppm	<0.2	IC3M
Cs	ppm	0.2	IC3M
Ba	ppm	45	IC3M
La	ppm	15	IC3M
Ce	ppm	20	IC3M
Hf	ppm	<0.5	IC3M
Ta	ppm	<0.5	IC3M
W	ppm	700	IC3M
Tl	ppm	<0.1	IC3M
Bi	ppm	1.0	IC3M
Th	ppm	0.50	IC3M
U	ppm	0.24	IC3M

— Grid 6

amdel

ANALYTICAL REPORT

Job: 4AD3413
O/N: 11120/HL20/BXH/2

Sample	Ag	As	Bi	Ca	Cd	Ce	Co
354806	<1	790	45	0.013	<2	85	<2
354807	<1	30	185	0.015	<2	15	2
354808	<1	195	<5	0.004	<2	20	3
354809	<1	135	<5	0.006	<2	30	<2
354810	1	2550	<5	0.035	<2	25	13
Units	ppm	ppm	ppm	%	ppm	ppm	ppm
DL	1	3	5	0.001	2	10	2
Scheme	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E

Grid b
Line 23

amdel

ANALYTICAL REPORT

Job: 4AD3413
O/N: 11120/IIL20/BXH/2

Sample	Cr	Cu	Fe	K	Mg	Mn	Mo
354806	115	130	5.75	0.085	0.012	50	<2
354807	140	11	0.88	0.073	0.012	45	2
354808	95	65	8.85	0.770	0.082	40	<2
354809	110	40	2.96	0.120	0.018	40	<2
354810	95	115	25.1	0.113	0.030	95	<2
Units	ppm	ppm	%	%	%	ppm	ppm
DL	2	2	0.01	0.001	0.001	5	2
Scheme	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E

Grid 6 Line 23

amdel

ANALYTICAL REPORT

Job: 4AD3413
O/N: 11120/HL20/BXII/2

Sample	Na	Nb	Ni	P	Pb	Sn	Sr
354806	0.007	<5	4	40	80	5	9
354807	0.010	<5	5	65	5	<5	11
354808	0.031	<5	25	660	10	<5	5
354809	0.009	<5	6	45	10	<5	4
354810	0.015	<5	80	1140	25	<5	18
Units	%	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.001	5	2	5	5	5	2
Scheme	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E

Grid 6 line 23

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ANALYTICAL REPORT

Job: 4AD3413
O/N: 11120/HL20/BXH/2

Sample	Ti	V	Y	Zn	Zr	Au	Au Dpl	
354806	110	5	<2	11	<5	85	85	} Grid 6
354807	45	3	<2	5	<5	60	42	
354808	420	40	6	60	10	14	13	
354809	160	6	<2	10	<5	40	30	
354810	1300	125	30	270	<5	90	80	Line 23
Units	ppm	ppm	ppm	ppm	ppm	ppb	ppb	
DL	10	2	2	2	5	1	1	
Scheme	IC3E	IC3E	IC3E	IC3E	IC3E	FA3	FA3	

Amdel
MINERAL CHEMISTRY

Amdel Laboratories Ltd
A.C.N. 009 076 555

Brown Street
THEBARTON SA 5031
AUSTRALIA

PO Box 338
Torrensville Plaza SA 5031

Phone: (08) 416 5300
Facsimile: (08) 234 0321

FACSIMILE

DATE: 2/11/94 Pages including cover: 14

TO: RICK SQUIRE

COMPANY: ACACIA RESOURCES

FAX NO: 089 819 311

FROM: NICK FORDHAM

13450/HL10/BKH/21
REF: 13449/HL20/BKH/21

MESSAGE: LOW LEVEL GOLD DATA FOLLOWS.

BOTH JOBS HAVE BEEN SENT TO THE BULLETIN BOARD.

WE HAVE ALSO RECEIVED 352 SAMPLES TODAY FOR FA3 GOLD - YOUR ORDER 11009/HL20/BKH/21.

WE WOULD EXPECT TO FINISH THIS JOB MID NEXT WEEK.

REGARDS,

Nick Fordham

POST HOLE RAB RESULTS

LINE 31	0 → 1000m	459262
LINE 27	0 → 2050m	
LINE 26	0 → 2950m	→ 459610
LINE 25	0 → 3200m	
LINE 24	0 → 3200m	
LINE 17 (i)	0 → 1350m	(ii) 0 → 650m (AUGER RESULTS IN DETAIL)
LINE 18	0 → 3000m	SLOTTY SAMPLING
LINE 19	0 → 950m	

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ANALYTICAL REPORT

Job: 4AD4432
O/N: 13449/HL20/BXH/21

MT FRED SOL 31 E 505864E 7787293N

Sample		Au Dp1	Au Dp2
459262	0m	<1	<1
459263		<1	--
459264		<1	--
459265		<1	--
459266	200	<1	--
459267		<1	--
459268		<1	--
459269		<1	--
459270	400	1	--
459271		<1	--
459272		<1	--
459273		<1	--
459274	600	<1	--
459275		<1	--
459276		<1	--
459277		<1	--
459278	800	<1	--
459279		<1	--
459280		<1	--
459281		<1	--
EOL 31 W 459282	1000	1	<1
SOL 27 N 459283	0	<1	--
459284		1	--
459285		<1	--
459286		<1	--
459287	200	<1	--
459288		<1	--
459289	300	12	--
459290	350	2	--
459291		34	-- 35 ppb std.
459292	400m	42	36 ← surface sample.
459293		1	--
459294		<1	--
459295		<1	--
459296	600	<1	--
459297		<1	--
459298		1	--
459299		<1	--
459300	800	<1	--
459301		<1	<1
459302		<1	--
459303		<1	--
459304	1000	<1	--
459305		<1	--
459306	1100	<1	--
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

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ANALYTICAL REPORT

Job: 4AD4432
O/N: 13449/HL20/BXH/21

	Sample	Au Dp1	Au Dp2
LINE 27	459307 1150	1	--
	459308	<1	--
	459309	<1	--
	459310	<1	--
	459311	1	--
	459312 1400	1	--
	459313	1	--
	459314	<1	--
	459315	1	--
	459316 1600	<1	--
	459317	<1	--
	459318	<1	--
	459319	<1	--
	459320 1800	<1	--
	459321	<1	--
	459322	<1	<1
	459323	<1	--
EOL 27 S	459324 2000	<1	--
	459325 2050	<1	--
SOL 26 S	459326 0	<1	--
	459327	<1	--
	459328	<1	--
	459329	1	--
	459330 200	<1	--
	459331	<1	--
	459332	<1	--
	459333	<1	--
	459334 400	<1	--
	459335	<1	--
	459336	<1	--
	459337	<1	--
	459338 600	<1	--
	459339	<1	--
	459340	<1	--
	459341	<1	--
	459342 800	<1	<1
	459343	1	--
	459344	1	--
	459345	<1	--
	459346 1000	1	--
	459347	<1	--
	459348	<1	--
	459349	<1	--
	459350 1200	1	--
	459351	<1	--
	Units	ppb	ppb
	DL	1	1
	Scheme	FA3	FA3

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ANALYTICAL REPORT

Job: 4AD4432
O/N: 13449/HL20/BXH/21

LINE 26 S

Sample		Au Dp1	Au Dp2
459352	1200m	<1	--
459353		<1	--
459354	1400	<1	--
459355		<1	--
459356		<1	--
459357		<1	--
459358	1600	<1	--
459359		<1	--
459360		<1	--
459361		<1	--
459362	1800	<1	<1
459363		<1	--
459364		<1	--
459365		<1	--
459366	2000	<1	--
459367		<1	--
459368		<1	--
459369		<1	--
459370	2200	<1	--
459371		<1	--
459372		<1	--
459373		<1	--
459374	2400	<1	--
459375		<1	--
459376		1	--
459377		1	--
459378	2600	<1	--
459379		<1	--
459380		<1	--
459381		<1	--
459382	2800	1	<1
459383		<1	--
459384		1	--
459385	2950	<1	--
EOL 26 N / SOL 25 N			
459386	0m	<1	--
459387		<1	--
459388		<1	--
459389		<1	--
459390	200	<1	--
459391		36	-- 35ppb std.
459392		<1	--
459393		<1	--
459394		<1	--
459395	400	<1	--
459396		<1	--
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

amdel

ANALYTICAL REPORT

Job: 4AD4432
O/N: 13448/HL20/BXH/21

	Sample	Au Dpl	Au Dp2
LINE 25N	459397 500m	<1	--
	459398	<1	--
	459399 600m	<1	--
	459400	<1	--
	459401	<1	--
	459402	<1	<1
	459403 800	<1	--
	459404	<1	--
	459405	<1	--
	459406	<1	--
	459407 1000	<1	--
	459408	<1	--
	459409	<1	--
	459410	<1	--
	459411 1200	<1	--
	459412	<1	--
	459413	<1	--
	459414	<1	--
	459415 1400	<1	--
	459416	<1	--
	459417	<1	--
	459418	<1	--
	459419 1600	<1	--
	459420	<1	--
	459421	<1	--
	459422	<1	<1
	459423 1800	<1	--
	459424	<1	--
	459425	<1	--
	459426	<1	--
	459427 2000	<1	--
	459428	1	--
	459429	<1	--
	459430	1	--
	459431 2200	1	--
	459432	1	--
	459433	1	--
	459434	<1	--
	459435 2400	1	--
	459436	1	--
	459437	2	--
	459438	1	--
	459439 2600	1	--
	459440	2	--
	459441 2700	2	--
	Units	ppb	ppb
	DL	1	1
	Scheme	FA3	FA3

amdel

ANALYTICAL REPORT

Job: 4AD4432
O/N: 13449/HL20/BXH/21

	Sample	Au Dp1	Au Dp2
LINE 25N	459442 2750	<1	<1
	459443 2800	1	--
	459444	1	--
	459445	1	--
	459446	1	--
	459447 3000	1	--
	459448	1	--
	459449	1	--
EOL 25S	459450	1	--
	459451 3200	1	--
SOL 24S	459452 0	<1	--
	459453	<1	--
	459454	<1	--
	459455	<1	--
	459456 200	<1	--
	459457	<1	--
	459458	<1	--
	459459	<1	--
	459460 400	<1	--
	459461	<1	--
	459462	<1	<1
	459463	<1	--
	459464 600	<1	--
	459465 650	2	--
	459466 700	2	--
	459467	1	--
	459468 800	<1	--
	459469	<1	--
	459470	<1	--
	459471	<1	--
	459472 1000	<1	--
	459473	<1	--
	459474	1	--
	459475	<1	--
	459476 1200	<1	--
	459477	<1	--
	459478	<1	--
	459479	<1	--
	459480 1400	<1	--
	459481	<1	--
	459482	<1	<1
	459483	<1	--
	459484 1600	<1	--
	459485	<1	--
	459486	<1	--
	Units	ppb	ppb
	DL	1	1
	Scheme	FA3	FA3

amdel

ANALYTICAL REPORT

Job: 4AD4432
O/N: 13449/HL20/BXH/21

LINE 24S

Sample		Au Dp1	Au Dp2	
459487		<1	--	
459488	1800	<1	--	
459489		<1	--	
459490		<1	--	
459491		28	--	35ppb std.
459492		<1	--	
459493	2000	<1	--	
459494		<1	--	
459495		<1	--	
459496		<1	--	
459497	2200	<1	--	
459498		<1	--	
459499		<1	--	
459500		<1	--	
459501	2400	<1	--	
459502		<1	--	
459503		<1	--	
459504		<1	--	
459505	2600	<1	--	
459506		<1	--	
459507		<1	--	
459508		<1	--	
459509	2800	<1	--	
459510		<1	--	
459511		<1	--	
459512		<1	--	
459513	3000	<1	--	
459514		<1	--	
459515		<1	--	
459516		<1	--	
459517	3200	<1	--	
459518	0	<1	--	
459519		<1	--	
459520		<1	--	
459521		<1	--	
459522	200	<1	<1	
459523		<1	--	
459524		<1	--	
459525		<1	--	
459526	400	<1	--	
459527		<1	--	
459528		<1	--	
459529		<1	--	
459530	600	<1	--	
459531		<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

EOL 24N

SOL 17S

amdel

ANALYTICAL REPORT

Job: 4AD4432
O/N: 13449/HL20/BXH/21

	Sample		Au Dp1	Au Dp2	
LINE 17 S	459532	700	<1	--	
	459533		<1	--	
	459534	800	<1	--	
	459535		<1	--	
	459536		<1	--	
	459537		<1	--	
	459538	1000	<1	--	
	459539		<1	--	
	459540		<1	--	
	459541		<1	--	
	459542	1200	<1	--	
	459543		<1	--	
PM RAB EOL ~~AUGER~~	459544		<1	--	
	459545	1350	<1	--?	AUGER RESULTS BTW THOSE TWO SAMPLES.
PM RAB	459546	0	<1	--	
	459547		<1	--	
	459548		<1	--	
	459549		<1	--	
	459550	200	<1	--	
	459551		<1	--	
	459552		<1	--	
	459553		<1	--	
	459554	400	<1	--	
	459555		<1	--	
	459556		<1	--	
	459557		<1	--	
	459558	600	<1	--	
EOL 17 N	459559	650	<1	--	
SOL 18 N	459560	0	<1	--	
	459561		<1	--	
	459562		<1	<1	
	459563		<1	--	
	459564	200	<1	--	
	459565		<1	--	
	459566		<1	--	
	459567		<1	--	
	459568	400	<1	--	
	459569		<1	--	
	459570		<1	--	
	459571		<1	--	
	459572	600	<1	--	
	459573		<1	--	
	459574		<1	--	
	459575		<1	--	
	459576	800	<1	--	
	Units		ppb	ppb	
	DL		1	1	
	Scheme		FA3	FA3	

amdel

ANALYTICAL REPORT

Job: 4AD4432
O/N: 13449/HL20/BXH/21

	Sample	Au Dp1	Au Dp2	
LINE 18N	459577 850	<1	--	
	459578	<1	--	
	459579 950	<1	--	
	459580 1350	<1	--	
	459581 1400	<1	<1	
	459582	<1	--	
	459583 1500	<1	--	
	459584	<1	--	
	459585 1600	<1	--	
	459586 2650	<1	--	
	459587 2900	<1	--	
	459588	<1	--	
	459589 3000	<1	--	
SOL 19S	459590 0	<1	--	
	459591 ———	40	--	35 ppb 5th.
	459592	<1	--	
	459593	<1	--	
	459594	<1	--	
	459595 200	<1	--	
	459596	<1	--	
	459597	<1	--	
	459598	<1	--	
	459599 400	<1	--	
	459600	<1	--	
	459601	<1	--	
	459602	<1	<1	
	459603 600	<1	--	
	459604	<1	--	
	459605	<1	--	
	459606	<1	--	
	459607 800	<1	--	
	459608	<1	--	
	459609	<1	--	
	459610 950	<1	--	
	Units	ppb	ppb	
	DL	1	1	
	Scheme	FA3	FA3	

Amdel ANALYTICAL SERVICES

Amdel Laboratories Limited A.C.N. 009 076 555;
Brown Street, Thebarton, South Australia 5031
Telephone: (08) 416 5300 Facsimile: (08) 234 0321
Head Office: Adelaide Branches in: Perth, Darwin, Kalgoorlie, Meekatharra, Townsville, Melbourne, Sydney, Mt Isa, Alice Springs

FACSIMILE TRANSMISSION SHEET

TO: Billiton. DARWIN.	
FROM: G. Petrakis	**ATT:** Donna Sewell
DATE: 17/10	**CC:**
REF: 1114S/41L20/JJJ.	**PAGES:** 5.

MESSAGE:

FAS Gold results.
to follow.

Regards.

MT FRED GRID AUGER

19400N, 19600N, 19800N, 20000N, 20,200N, 20000N, 20200N 20400N

LINE 17 0-800m

LINE 18 PART(i) 0-300 PART(ii) 0-1150m

LINE 22 0-650

LINE 23 PART(i) 0-150 PART(ii) 0-800

546510 2 → 546673

amdel

Job: 4AD4178
O/N: 11145/HL20/JW

ANALYTICAL REPORT

Mt Fred South
Auger

	Sample		Au Dp1	Au Dp2	
19400N	546510	10500E	<1	3	10500E
	546511		<1	--	
	546512		<1	--	
	546513		1	--	
	546514		3	--	
	546515		1	--	
	546516		<1	--	
	546517	10100E	1	--	
	546518	10000E	3	--	
	546519		1	--	
	546520	9800E	<1	--	
	546521		1	--	
	546522		<1	--	
	546523	9500E	<1	--	
19600N	546524	9500E	<1	--	
	546525		1	--	
	546526		<1	--	
	546527		2	--	
	546528		1	--	
	546529	10000E	<1	--	
	546530		1	1	
	546531		36	--	35ppb Smo.
	546532		1	--	
	546533		<1	--	
	546534		<1	--	
	546535	10500E	1	--	
19800N	546536	10500E	1	--	
	546537		2	--	
	546538		3	--	
	546539		3	--	
	546540		4	--	
	546541	10000E	2	--	
	546542		1	--	
	546543		1	--	
	546544		1	--	
	546545		2	--	
	546546	9500E	2	--	
20000N	546547	9500E	1	--	
	546548	9600E	<1	--	
	546549	9700E	2	--	
	546550	10200E	4	3	
	546551	10300E	2	--	
	546552	10400E	4	--	
	546553	10500E	7	--	
20200N	546554	10500E	1	--	
	Units		ppb	ppb	
	DL		1	1	
	Scheme		FA3	FA3	

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ANALYTICAL REPORT

Job: 4AD4178
O/N: 11145/HL20/JW

	Sample		Au Dp1	Au Dp2	
20200N Cont.	546555	10400E	100	95 90	— 20200N 10400E
	546556		2	--	
	546557		2	--	
	546558		<1	--	
	546559	10000E	2	--	
20000N	546560	9750E	5	--	
	546561		28	--	35ppb STND.
	546562	9800E	3	--	
	546563		1	--	
	546564	9900E	3	--	
	546565		3	--	
	546566	10000E	3	--	
	546567		1	--	
	546568	10100E	2	--	
	546569	10150E	<1	--	
20200N	546570	10150E	1	1	
	546571	10050E	1	--	
	546572	9950E	3	--	
	546573	9900E	3	--	
	546574		2	--	
	546575	9800E	<1	--	
	546576	9750E	1	--	
20400N	546577	9650E	1	--	
	546578		3	--	
	546579	9750E	2	--	
	546580		1	--	
	546581		1	--	
	546582	9900E	8	--	9900E 20400N
	546583		1	--	
	546584	10000E	2	--	
	546585		2	--	
	546586		1	--	
	546587		<1	--	
	546588		1	--	
	546589		1	--	
	546590		2	<1	
	546591		38	--	35ppb
	546592		<1	--	
	546593		<1	--	
	546594		1	--	
	546595	10500E	<1	--	
Mt Freed Regional Line 17	546596	0m	<1	--	
	546597	100	<1	--	
	546598	150	<1	--	
	546599	200m	<1	--	
	Units		ppb	ppb	
	DL		1	1	
	Scheme		FA3	FA3	

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ANALYTICAL REPORT

Job: 4AD4178
O/N: 11145/HL20/JW

My Feed

Line 17 Cont.

Sample		Au Dp1	Au Dp2	
546600	250	<1	--	
546601	300	<1	--	
546602		<1	--	
546603		<1	--	
546604		<1	--	
546605	500	<1	--	
546606		1	--	
546607		<1	--	
546608		<1	--	
546609		<1	--	
546610	750	<1	<1	
546611	800r	<1	--	
546612	0	<1	--	
546613		<1	--	
546614	100	<1	--	
546615		<1	--	
546616	200	<1	--	
546617		<1	--	
546618	300	1	--	
546619	0	1	--	
546620		1	--	
546621	100	<1	--	
546622		1	--	
546623	200	1	--	
546624	250	1	--	
546625	350	1	--	
546626	450	1	--	
546627	550	<1	--	
546628		<1	--	
546629	750	<1	--	
546630	800	3	<1	
546631		36	--	35 PPB STND
546632	850	1	--	
546633	900	<1	--	
546634		<1	--	
546635	1000	<1	--	
546636		<1	--	
546637		<1	--	
546638	1150	<1	--	
546639	0	1	--	
546640		<1	--	
546641	100	1	--	
546642		1	--	
546643	200	1	--	
546644	250	1	--	
Units		ppb	ppb	
DL		1	1	
Schema		FA3	FA3	

Line 18 Part (i)

Line 18 (Part (ii))

Line 22

amdel

ANALYTICAL REPORT

Job: 4AD4178
O/N: 11145/HL20/JW

LINE 22 CONT.

Sample		Au Dp1	Au Dp2
546645	300m	<1	--
546646		<1	--
546647		<1	--
546648		<1	--
546649	500m	<1	--
546650		<1	<1
546651		<1	--
546652	650m	<1	--
546653	0m	1	--
546654		<1	--
546655		<1	--
546656	150m	<1	--
546657	0	<1	--
546658		<1	--
546659		<1	--
546660		<1	--
546661		36	--
546662		<1	--
546663	250	<1	--
546664		<1	--
546665		<1	--
546666		<1	--
546667		<1	--
546668	500	<1	--
546669	600	<1	--
546670		<1	1
546671	700	<1	--
546672		<1	--
546673	800	1	--
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

LINE 23 (PART (i))

LINE 23 PART (ii)

Amdel
MINERAL CHEMISTRY

Amdel Laboratories Ltd
A.C.N. 009 076 555

Brown Street
THEBARTON SA 5031
AUSTRALIA

PO Box 338
Torrensville Plaza SA 5031

Phone: (08) 416 5300
Facsimile: (08) 234 0321

FACSIMILE

DATE: 9/11/94 Pages including cover: 9

TO: RICK SQUIRE

COMPANY: ACACIA RESOURCES

FAX NO: (089) 568720 / (089) 819311 YADKS11

FROM: NICK FORDHAM REF: 11009/HL29/BXH/21

MESSAGE: GOLD DATA FOLLOWS.

RESULTS ARE MODIFIED TO THE BULLETIN BOARD.

REGARDS

NICK

MT FRED POST HOLE RAB

LINE 19 (1000m → 2450m) 459611

" 20 (0m → 2350m)

" 21 (0m → 2600m)

" 22(i) (0m → 300m) LINE 22(ii) (0 → 1800m)

" 23(i) (0 → 1400m) LINE 23 (ii) (0 → 800m)

" 30 (0 → 200m)

" 29 (0 → 2650m) → 459899

COOMARIE WEST POST HOLE RAB

LINE 1(E) (0 → 2800m) 459900 →

" 2(W) (0 → 50m) → 459962

amdel

MT FREED P.M. RAB

LINE 19 CONT.

ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

Sample		Au Dp1	Au Dp2	
459611	1000m	<1	<1	
459612		<1	--	
459613		<1	--	
459614		<1	--	
459615		<1	--	
459616		<1	--	
459617		<1	--	
459618		<1	--	
459619		<1	--	
459620		<1	--	
459621	1500m	<1	--	
459622		<1	--	
459623		<1	--	
459624		1	--	
459625		<1	--	
459626		<1	--	
459627		<1	--	
459628		<1	--	
459629		<1	--	
459630	1950	<1	--	
459631		40	--	35ppb STND.
459632	2000	1	--	
459633		<1	--	
459634		<1	--	
459635		<1	--	
459636		<1	--	
459637		<1	--	
459638		<1	--	
459639		<1	--	
459640		<1	--	
459641	2450m	<1	--	

LINE 20

459642	0m	<1	--
459643		<1	--
459644		<1	--
459645		<1	--
459646		<1	--
459647		<1	--
459648		<1	--
459649		<1	--
459650		<1	--
459651		<1	1
459652	500m	<1	--
459653		<1	--
459654		<1	--
459655	650m	<1	--
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

amdel

ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

LINE 20 CONT.

Sample		Au Dp1	Au Dp2	
459656	700m	<1	--	
459657		<1	--	
459658		<1	--	
459659		<1	--	
459660	900	<1	--	
459661		42	--	35ppb STND.
459662		<1	--	
459663	1000	<1	--	
459664		<1	--	
459665		<1	--	
459666		<1	--	
459667		<1	--	
459668		<1	--	
459669		<1	--	
459670		<1	--	
459671		<1	1	
459672		1	--	
459673	1500m	<1	--	
459674		<1	--	
459675		<1	--	
459676		<1	--	
459677		<1	--	
459678		<1	--	
459679		<1	--	
459680		<1	--	
459681		<1	--	
459682		<1	--	
459683	2000m	<1	--	
459684		<1	--	
459685		<1	--	
459686		<1	--	
459687		<1	--	
459688		<1	--	
459689		<1	--	
459690	2350m	<1	--	
459691		40	--	35ppb STND.

LINE 21

459692	0	1	--
459693		<1	--
459694		<1	--
459695		1	--
459696		<1	--
459697		<1	--
459698		1	--
459699		1	--
459700	400	1	--
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

LINE 21

Sample		Au Dp1	Au Dp2	
459701	450	1	--	
459702	500	1	--	
459703		1	--	
459704		1	--	
459705		1	--	
459706		<1	--	
459707	750	2	--	
459708		1	--	
459709		1	--	
459710		1	--	
459711		1	1	
459712	1000m	<1	--	
459713		1	--	
459714		<1	--	
459715		<1	--	
459716		<1	--	
459717		<1	--	
459718		1	--	
459719		1	--	
459720		1	--	
459721		1	--	
459722	1500m	1	--	
459723		<1	--	
459724		1	--	
459725		1	--	
459726		<1	--	
459727		1	--	
459728		1	--	
459729		1	--	
459730		1	--	
459731		40	--	35ppb STND.
459732		1	--	
459733	2000m	1	--	
459734		1	--	
459735		1	--	
459736		1	--	
459737		1	--	
459738		<1	--	
459739		1	--	
459740		<1	--	
459741		1	--	
459742		<1	--	
459743	2500	1	--	
459744		<1	--	
459745	2600m	1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

LINE 22 (i) (NORTH)

LINE 22 (ii) (SOUTH)

Sample		Au Dp1	Au Dp2	
459746	0	1	--	
459747		<1	--	
459748	100	<1	--	
459749		<1	--	
459750	200	<1	--	
459751		1	<1	
459752	300	<1	--	
459753	0	<1	--	
459754		<1	--	
459755		<1	--	
459756		<1	--	
459757		<1	--	
459758		<1	--	
459759		<1	--	
459760		<1	--	
459761		38	--	35ppb STND.
459762		1	--	
459763		<1	--	
459764	500	<1	--	
459765		<1	--	
459766		<1	--	
459767		<1	--	
459768		<1	--	
459769		<1	--	
459770		<1	--	
459771		<1	1	
459772		<1	--	
459773		<1	--	
459774	1000	<1	--	
459775		1	--	
459776		<1	--	
459777		<1	--	
459778		1	--	
459779		<1	--	
459780		<1	--	
459781		<1	--	
459782		<1	--	
459783		<1	--	
459784	1500m	<1	--	
459785		<1	--	
459786		<1	--	
459787		<1	--	
459788		1	--	
459789		<1	--	
459790	1800m	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/DXH/21

LINE 23 (SOIL) (i)

Sample		Au Dp1	Au Dp2	
459791		36	--	35ppb STND.
459792	0	<1	--	
459793		<1	--	
459794		<1	--	
459795		<1	--	
459796		<1	--	
459797		<1	--	
459798		<1	--	
459799		<1	--	
459800		1	--	
459801		1	--	
459802	500	<1	--	
459803		<1	--	
459804		<1	--	
459805		<1	--	
459806		<1	--	
459807		1	--	
459808		1	--	
459809		<1	--	
459810		1	--	
459811		1	1	
459812	1000	1	--	
459813		<1	--	
459814		1	--	
459815		1	--	
459816		<1	--	
459817		<1	--	
459818		<1	--	
459819		1	--	
459820	1400	<1	--	

LINE 23 (ii)

459821	0	1	--	
459822		1	--	
459823		<1	--	
459824		<1	--	
459825		<1	--	
459826		1	--	
459827		1	--	
459828		1	--	
459829		1	--	
459830		1	--	
459831		30	--	35ppb STND.
459832	500	1	--	
459833		1	--	
459834		1	--	
459835	650m	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

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ANALYTICAL REPORT

Job: 4AD4611
O/N: 11009/HL20/BXH/21

LINE 23(ii)Cont.

Sample	Au	Dp1	Au	Dp2	
459836	700m	1		--	
459837		<1		--	
459838	800m	12	10	7	
459839	0	4	3	2	
LINE 30 459840		1		--	
459841	100	1		--	
459842		1		--	
459843	200	<1		--	
459844	0	1		--	
LINE 29 459845		<1		--	
459846		<1		--	
459847		<1		--	
459848		<1		--	
459849		<1		--	
459850		<1		--	
459851		<1		1	
459852	400	1		--	
459853	450	4		--	
459854	500	<1		--	
459855		<1		--	
459856		<1		--	
459857		<1		--	
459858		<1		--	
459859		<1		--	
459860		<1		--	
-459861		38		--	35ppb STND.
459862		<1		--	
459863		<1		--	
459864		<1		--	
459865	1000	<1		--	
459866		<1		--	
459867		<1		--	
459868		<1		--	
459869		<1		--	
459870		<1		--	
459871		<1		1	
459872		<1		--	
459873		<1		--	
459874		<1		--	
459875	1500	<1		--	
459876		<1		--	
459877		<1		--	
459878		<1		--	
459879		<1		--	
459880	1750m	<1		--	
Units		ppb		ppb	
DL		1		1	
Scheme		FA3		FA3	

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/DXH/21

Sample	Au Dp1	Au Dp2
459881	1	--
459882	1	--
459883	1	--
459884	1	--
459885	<1	--
459886	<1	--
459887	1	--
459888	<1	--
459889	1	--
459890	<1	--
459891	38	--
459892	1	--
459893	<1	--
459894	1	--
459895	<1	--
459896	<1	--
459897	1	--
459898	<1	--
459899	<1	--

Amdel
MINERAL CHEMISTRY

Amdel Laboratories Ltd
A.C.N. 009 076 555

Brown Street
THEBARTON SA 5031
AUSTRALIA

PO Box 338
Torrensville Plaza SA 5031

Phone: (08) 416 5300
Facsimile: (08) 234 0321

FACSIMILE

DATE: 9/11/94 Pages including cover: 9

TO: RICK SQUIRE

COMPANY: ACACIA RESOURCES

FAX NO: (089) 568220 / (089) 819 311 HADKSII

FROM: NICK FORDHAM REF: 11009/NF20/BXH/21

MESSAGE: GOLD DATA FOLLOWS.

RESULTS ARE MODIFIED TO THE BULETIN BOARD.

REGARDS

NICK

[redacted]

LINE 19 (1000m → 2450m) 459611

" 20 (0m → 2350m)

" 21 (0m → 2600m)

" 22(i) (0m → 300m) LINE 22(ii) (0 → 1800m)

" 23(i) (0 → 1400m) LINE 23 (ii) (0 → 800m)

" 30 (0 → 200m)

" 29 (0 → 2650m) → 459899

[redacted]

LINE 1(E) (0 → 2800m) 459900 →

" 2(W) (0 → 50m) → 459962

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MT FREED P.H. RAB

LINE 19 CONT.

ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

Sample		Au Dp1	Au Dp2	
459611	1000m	<1	<1	
459612		<1	--	
459613		<1	--	
459614		<1	--	
459615		<1	--	
459616		<1	--	
459617		<1	--	
459618		<1	--	
459619		<1	--	
459620		<1	--	
459621	1500m	<1	--	
459622		<1	--	
459623		<1	--	
459624		1	--	
459625		<1	--	
459626		<1	--	
459627		<1	--	
459628		<1	--	
459629		<1	--	
459630	1950	<1	--	
459631		40	--	35ppb STND.
459632	2000	1	--	
459633		<1	--	
459634		<1	--	
459635		<1	--	
459636		<1	--	
459637		<1	--	
459638		<1	--	
459639		<1	--	
459640		<1	--	
459641	2450m	<1	--	
459642	0m	<1	--	
459643		<1	--	
459644		<1	--	
459645		<1	--	
459646		<1	--	
459647		<1	--	
459648		<1	--	
459649		<1	--	
459650		<1	--	
459651		<1	1	
459652	500m	<1	--	
459653		<1	--	
459654		<1	--	
459655	650m	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

LINE 20

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

LINE 20 CONT.

Sample		Au Dp1	Au Dp2	
459656	700m	<1	--	
459657		<1	--	
459658		<1	--	
459659		<1	--	
459660	900	<1	--	
459661		42	--	35ppb STND.
459662		<1	--	
459663	1000	<1	--	
459664		<1	--	
459665		<1	--	
459666		<1	--	
459667		<1	--	
459668		<1	--	
459669		<1	--	
459670		<1	--	
459671		<1	1	
459672		1	--	
459673	1500m	<1	--	
459674		<1	--	
459675		<1	--	
459676		<1	--	
459677		<1	--	
459678		<1	--	
459679		<1	--	
459680		<1	--	
459681		<1	--	
459682		<1	--	
459683	2000m	<1	--	
459684		<1	--	
459685		<1	--	
459686		<1	--	
459687		<1	--	
459688		<1	--	
459689		<1	--	
459690	2350m	<1	--	
459691		40	--	35ppb STND.

LINE 21

459692	0	1	--
459693		<1	--
459694		<1	--
459695		1	--
459696		<1	--
459697		<1	--
459698		1	--
459699		1	--
459700	400	1	--
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

LINE 21

Sample		Au Dp1	Au Dp2	
459701	450	1	--	
459702	500	1	--	
459703		1	--	
459704		1	--	
459705		1	--	
459706		<1	--	
459707	750	2	--	
459708		1	--	
459709		1	--	
459710		1	--	
459711		1	1	
459712	1000m	<1	--	
459713		1	--	
459714		<1	--	
459715		<1	--	
459716		<1	--	
459717		<1	--	
459718		1	--	
459719		1	--	
459720		1	--	
459721		1	--	
459722	1500m	1	--	
459723		<1	--	
459724		1	--	
459725		1	--	
459726		<1	--	
459727		1	--	
459728		1	--	
459729		1	--	
459730		1	--	
459731		40	--	35ppb Stnd.
459732		1	--	
459733	2000m	1	--	
459734		1	--	
459735		1	--	
459736		1	--	
459737		1	--	
459738		<1	--	
459739		1	--	
459740		<1	--	
459741		1	--	
459742		<1	--	
459743	2500	1	--	
459744		<1	--	
459745	2600m	1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

LINE 22 (i) (NORTH)

Sample	Au Dp1	Au Dp2	
459746	0 1	--	
459747	<1	--	
459748	100 <1	--	
459749	<1	--	
459750	200 <1	--	
459751	1	<1	
459752	300 <1	--	

LINE 22 (ii) (SOUTH)

Sample	Au Dp1	Au Dp2	
459753	0 <1	--	
459754	<1	--	
459755	<1	--	
459756	<1	--	
459757	<1	--	
459758	<1	--	
459759	<1	--	
459760	<1	--	
459761	38	--	35ppb STND
459762	1	--	
459763	<1	--	
459764	500 <1	--	
459765	<1	--	
459766	<1	--	
459767	<1	--	
459768	<1	--	
459769	<1	--	
459770	<1	--	
459771	<1	1	
459772	<1	--	
459773	<1	--	
459774	1000 <1	--	
459775	1	--	
459776	<1	--	
459777	<1	--	
459778	1	--	
459779	<1	--	
459780	<1	--	
459781	<1	--	
459782	<1	--	
459783	<1	--	
459784	1500 <1	--	
459785	<1	--	
459786	<1	--	
459787	<1	--	
459788	1	--	
459789	<1	--	
459790	1800 <1	--	

Units	ppb	ppb
DL	1	1
Scheme	FA3	FA3

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/DXH/21

LINE 23 (South) (i)

Sample		Au Dp1	Au Dp2	
459791		36	--	35ppb STND.
459792	0	<1	--	
459793		<1	--	
459794		<1	--	
459795		<1	--	
459796		<1	--	
459797		<1	--	
459798		<1	--	
459799		<1	--	
459800		1	--	
459801		1	--	
459802	500	<1	--	
459803		<1	--	
459804		<1	--	
459805		<1	--	
459806		<1	--	
459807		1	--	
459808		1	--	
459809		<1	--	
459810		1	--	
459811		1	1	
459812	1000	1	--	
459813		<1	--	
459814		1	--	
459815		1	--	
459816		<1	--	
459817		<1	--	
459818		<1	--	
459819		1	--	
459820	1400	<1	--	

LINE 23 (ii)

459821	0	1	--	
459822		1	--	
459823		<1	--	
459824		<1	--	
459825		<1	--	
459826		1	--	
459827		1	--	
459828		1	--	
459829		1	--	
459830		1	--	
459831		30	--	35ppb STND.
459832	500	1	--	
459833		1	--	
459834		1	--	
459835	650A	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

LINE 23(ii) Cont.

Sample	Au	Dp1	Au	Dp2	
459836	700m	1		--	
459837		<1		--	
459838	800m	12	10	7	
LINE 30					
459839	0	4	3	2	
459840		1		--	
459841	100	1		--	
459842		1		--	
459843	200	<1		--	
LINE 29					
459844	0	1		--	
459845		<1		--	
459846		<1		--	
459847		<1		--	
459848		<1		--	
459849		<1		--	
459850		<1		--	
459851		<1		1	
459852	400	1		--	
459853	450	4		--	
459854	500	<1		--	
459855		<1		--	
459856		<1		--	
459857		<1		--	
459858		<1		--	
459859		<1		--	
459860		<1		--	
459861		38		--	35ppb STD.
459862		<1		--	
459863		<1		--	
459864		<1		--	
459865	1000	<1		--	
459866		<1		--	
459867		<1		--	
459868		<1		--	
459869		<1		--	
459870		<1		--	
459871		<1		1	
459872		<1		--	
459873		<1		--	
459874		<1		--	
459875	1500	<1		--	
459876		<1		--	
459877		<1		--	
459878		<1		--	
459879		<1		--	
459880	1750m	<1		--	
Units		ppb		ppb	
DL		1		1	
Scheme		FA3		FA3	

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

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LINE 29 CONT.

Sample	Au Dp1	Au Dp2	
459881	1900m 1	--	
459882	1	--	
459883	1	--	
459884	1	--	
459885	2000 <1	--	
459886	<1	--	
459887	1	--	
459888	<1	--	
459889	1	--	
459890	2250 <1	--	
459891	38	--	35ppb STND.
459892	2300 1	--	
459893	<1	--	
459894	1	--	
459895	<1	--	
459896	2500 <1	--	
459897	1	--	
459898	<1	--	
459899	2650 <1	--	

COOMARIE WEST

LINE 1 (E)

	Sample	Au Dp1	Au Dp2
	459900	0 1	--
	459901	0 2	--
	459902	<1	--
	459903	100 <1	--
	459904	2	--
	459905	200 1	--
7-8m	459906	250 <1	--
10-11m	459907	250 5	6
	459908	300 3	--
	459909	350 4	--
	459910	400 3	--
	459911	450 2	2
	459912	500 1	--
	459913	550 2	--
	459914	600 2	--
	459915	1	--
	459916	700 3	--
	459917	3	--
	459918	800 2	--
	459919	2	--
	459920	900 1	--
	459921	1	--
	459922	1000 1	--
	459923	1	--
	459924	1100 1	--
	459925	1150 32	2
	Units	ppb	ppb
	DL	1	1
	Scheme	FA3	FA3

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Job: 4AD4511
O/N: 11009/HL20/BXH/21

COOMARIE WEST
LINE 1 (E) CONT.

ANALYTICAL REPORT

Sample		Au Dp1	Au Dp2	
459926	1200	1	--	
459927		1	--	
459928	1300	1	--	
459929		2	--	
459930	1400	1	--	
459931		32	--	35ppb STND.
459932		2	--	
459933	1500	2	--	
459934		1	--	
459935		1	--	
459936		<1	--	
459937		1	--	
459938	1750	<1	--	
459939		1	--	
459940		<1	--	
459941	1900	3	--	
459942		1	--	
459943	2000	1	--	
459944		<1	--	
459945	2100	3	--	
459946		1	--	
459947		<1	--	
459948		<1	--	
459949		<1	--	
459950		1	2	
459951		1	<1	
459952		1	--	
459953	2500m	<1	--	
459954		1	--	
459955		1	--	
459956		1	--	
459957		1	--	
459958		1	--	
459959	2800m	1	--	
459960	0	1	--	
459961		42	--	35ppb STND.
459962	50	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

LINE 2 (W)
COOMARIE WEST

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ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/DXH/21

Sample		Au Dp1	Au Dp2
459881	1800M	1	--
459882		1	--
459883		1	--
459884		1	--
459885	2000	<1	--
459886		<1	--
459887		1	--
459888		<1	--
459889		1	--
459890	2250	<1	--
459891		38	--
459892	2300	1	--
459893		<1	--
459894		1	--
459895		<1	--
459896	2500	<1	--
459897		1	--
459898		<1	--
459899	2650	<1	--
459900	0	1	--
459901		2	--
459902		<1	--
459903	100	<1	--
459904		2	--
459905	200	1	--
459906		<1	--
459907		5	6
459908		3	--
459909		4	--
459910	400	3	--
459911		2	2
459912	500	1	--
459913		2	--
459914	600	2	--
459915		1	--
459916	700	3	--
459917		3	--
459918	800	2	--
459919		2	--
459920	900	1	--
459921		1	--
459922	1000	1	--
459923		1	--
459924	1100	1	--
459925	1150	3	2
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

7-8
10-11

COOMARLE WEST START

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COOMARIE WEST
LINE 1 (E) CONT.

ANALYTICAL REPORT

Job: 4AD4511
O/N: 11009/HL20/BXH/21

Sample		Au Dp1	Au Dp2	
459926	1200	1	--	
459927		1	--	
459928	1300	1	--	
459929		2	--	
459930	1400	1	--	
459931		32	--	35ppb STND
459932		2	--	
459933	1500	2	--	
459934		1	--	
459935		1	--	
459936		<1	--	
459937		1	--	
459938	1750	<1	--	
459939		1	--	
459940		<1	--	
459941	1900	3	--	
459942		1	--	
459943	2000	1	--	
459944		<1	--	
459945	2100	3	--	
459946		1	--	
459947		<1	--	
459948		<1	--	
459949		<1	--	
459950		1	2	
459951		1	<1	
459952		1	--	
459953	2500m	<1	--	
459954		1	--	
459955		1	--	
459956		1	--	
459957		1	--	
459958		1	--	
459959	2800m	1	--	
459960	0	1	--	
459961		42	--	35ppb STND.
459962	50	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

LINE 2 (W)
COOMARIE WEST

Amdel ANALYTICAL SERVICES

Amdel Laboratories Limited A.C.N. 009 076 555;
Brown Street, Thebarton, South Australia 5031
Telephone: (08) 416 5300 Facsimile: (08) 234 0321
Head Office: Adelaide Branches in: Perth, Darwin, Kalgoorlie, Meekatharra, Townsville, Melbourne, Sydney, Mt Isa, Alice Springs

FACSIMILE TRANSMISSION SHEET

TO: BILLITON DARWIN	
FROM: D. CARUTO	ATT: S. NEWELL
DATE: 7/9/94	CC:
REF: AAO 3505 / 13471	PAGES: 7

MESSAGE: MT FREDERICK SOILS

LINE 7: 550m → 6150m 545739 → 545854

LINE 8: 0m → 1050m 545855 → 545878

" 1150m → 2500m 545879 → 545907

" 2600m → 6000m 545908 → 54978

*ALSO

LINE 6: 0m → 6000m EOL 545605 → 545738

Gamdel

MT FRED.

Mt Fred Auger

ANALYTICAL REPORT

Job: 4AD3414
O/N: 11121/HL20/BXH/2

Line 6

Sample		Au	Au Dpl
545605	0m	<1	<1
545606		1	--
545607		<1	--
545608		1	--
545609		<1	--
545610	250m	<1	--
545611		<1	--
545612		<1	--
545613		1	--
545614		<1	--
545615	500	1	--
545616	550	<1	--
545617	700	<1	--
545618		<1	--
545619	800	<1	--
545620		<1	--
545621		<1	--
545622		1	--
545623	1000	<1	--
545624		<1	--
545625		<1	<1
545626		<1	--
545627		<1	--
545628		<1	--
545629		<1	--
545630	1350	<1	--
545631		38	
545632		<1	--
545633		<1	--
545634	1500	<1	--
545635		<1	--
545636		<1	--
545637		<1	--
545638		<1	--
545639		<1	--
545640		<1	--
545641		<1	--
545642		<1	--
545643		<1	--
545644	2000	<1	--
545645		<1	<1
545646		<1	--
545647		<1	--
545648		<1	--
545649	2250m	<1	--
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

Gamdel

MT/Feed Auger ANALYTICAL REPORT

Job: 4AD3414
O/N: 11121/HL20/BXH/2

Line 6 Cont.

Sample		Au	Au Dpl
545650	2300	<1	--
545651		1	--
545652		<1	--
545653		<1	--
545654	2500	<1	--
545655		<1	--
545656		<1	--
545657		<1	--
545658		<1	--
545659		<1	--
545660	2800m	<1	--
545661		44	----
545662		<1	--
545663	2900m	<1	--
545664		1	--
545665	3000m	<1	<1
545666		<1	--
545667		<1	--
545668		1	--
545669		<1	--
545670		<1	--
545671		<1	--
545672		<1	--
545673		<1	--
545674		<1	--
545675	3500m	<1	--
545676		<1	--
545677		<1	--
545678		<1	--
545679		<1	--
545680		<1	--
545681		<1	--
545682		<1	--
545683		<1	--
545684		<1	--
545685	4000m	<1	<1
545686		<1	--
545687		<1	--
545688		<1	--
545689		<1	--
545690	4250m	<1	--
545691		40	----
545692		<1	--
545693		<1	--
545694	4400m	<1	--
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

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ANALYTICAL REPORT

Job: 4AD3414
O/N: 11121/HL20/BXH/2

LINE 6 CONT.

Sample		Au	Au Dpl
545695	4450	<1	--
545696	4500	<1	--
545697		<1	--
545698		<1	--
545699		<1	--
545700		<1	--
545701		<1	--
545702		<1	--
545703		<1	--
545704		<1	--
545705		<1	<1
545706	5000	<1	--
545707		<1	--
545708		<1	--
545709		<1	--
545710		<1	--
545711		<1	--
545712		<1	--
545713		<1	--
545714		<1	--
545715		<1	--
545716	5500	<1	--
545717		<1	--
545718		<1	--
545719		<1	--
545720		<1	--
545721		<1	--
545722		<1	--
545723		<1	--
545724		<1	--
545725		<1	<1
545726	6000	<1	--
545727	0 m	<1	--

LINE 7

545728		<1	--
545729		<1	--
545730		<1	--
545731		38	
545732		<1	--
545733		<1	--
545734		<1	--
545735		<1	--
545736		<1	--
545737		<1	--
545738	500	<1	--
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

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ANALYTICAL REPORT

Job: 4AD3505
O/N: 13431/HL20/DMS

Mt Fred
Line 7 Cont.

Sample		Au	Au Dpl	
545739	550m	<1	<1	
545740		<1	--	
545741		1	--	
545742		<1	--	
545743		1	--	
545744		1	--	
545745		1	--	
545746		<1	--	
545747		<1	--	
545748		1	--	
545749		1	--	
545750	1100m	1	--	
545751		1	--	
545752		1	--	
545753		<1	--	
545754		1	--	
545755		1	--	
545756		<1	--	
545757		1	--	
545758		<1	--	
545759		<1	<1	
545760		<1	--	
545761		38	--	35ppb
545762		<1	--	
545763		1	--	
545764		<1	--	
545765		<1	--	
545766		1	--	
545767		<1	--	
545768		<1	--	
545769		<1	--	
545770		1	--	
545771		<1	--	
545772		1	--	
545773		<1	--	
545774		<1	--	
545775		<1	--	
545776		<1	--	
545777	2400m	1	--	
545778	2450m	7	6	5
545779	2500m	<1	<1	
545780		1	--	
545781		<1	--	
545782		1	--	
545783	2700m	1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

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MT Feed

LINE 7 CONT.

ANALYTICAL REPORT

Job: 4AD3505
O/N: 13431/HL20/DMS

Sample		Au	Au Dpl	
545784	2750m	<1		--
545785		1		--
545786		1		--
545787		<1		--
545788		<1		--
545789		<1		--
545790		<1		--
545791		<1		-- BLANK
545792		1		--
545793		1		--
545794		<1		--
545795		<1		--
545796		1		--
545797		<1		--
545798		<1		--
545799		1		1
545800		1		--
545801		<1		--
545802	3600m	3		--
545803	3650m	10	10	9
545804	3700m	7	7	7
545805	3750m	2		--
545806		<1		--
545807		1		--
545808		1		--
545809		<1		--
545810		<1		--
545811		<1		--
545812		<1		--
545813	4150m	2		--
545814		<1		--
545815		1		--
545816		<1		--
545817		<1		--
545818		<1		--
545819		<1		<1
545820		<1		--
545821		<1		--
545822		<1		--
545823		<1		--
545824		<1		--
545825		<1		--
545826		<1		--
545827		<1		--
545828	4900m	<1		--
Units		ppb		ppb
DL		1		1
Schome		FA3		FA3

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ANALYTICAL REPORT

Job: 4AD3505
O/N: 13431/IIL20/DMS

MT FRED.
LINE 7 CONT.

Sample		Au	Au Dpl	
545829	4950m	<1	--	
545830	5000m	<1	--	
545831		36	--	35ppb
545832		<1	--	
545833		<1	--	
545834		<1	--	
545835		<1	--	
545836		<1	--	
545837		<1	--	
545838		1	--	
545839		<1	<1	
545840		1	--	
545841		1	--	
545842		<1	--	
545843		1	--	
545844		1	--	
545845		1	--	
545846		<1	--	
545847		<1	--	
545848		<1	--	
545849		<1	--	
545850		<1	--	
545851	6000m	1	--	
545852		<1	--	
545853		1	--	
545854	6150m	<1	--	E.O.L.
545855	0m	<1	--	
545856		<1	--	
545857		<1	--	
545858		<1	--	
545859		<1	<1	
545860		<1	--	
545861		<1	--	
545862		<1	--	
545863		<1	--	
545864		<1	--	
545865		<1	--	
545866		<1	--	
545867		<1	--	
545868		<1	--	
545869		<1	--	
545870		<1	--	
545871		<1	--	
545872		<1	--	
545873	800m	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

LINE 8

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ANALYTICAL REPORT

Job: 4AD3505
O/N: 13431/HL20/DMS

MT FRED.
LINE 8 CONT.

Sample		Au	Au Dpl	
545874	850m	1	--	
545875		<1	--	
545876		<1	--	
545877	1000m	<1	--	
545878	1050m	<1	--	
545879	1150m	<1	<1	
545880	1200m	<1	--	
545881		<1	--	
545882		1	--	
545883		<1	--	
545884		<1	--	
545885		1	--	
545886		<1	--	
545887		<1	--	
545888		<1	--	
545889		<1	--	
545890		<1	--	
545891		42	--	35ppb
545892		<1	--	
545893		1	--	
545894		<1	--	
545895		1	--	
545896		<1	--	
545897	2000m	1	--	
545898		<1	--	
545899		<1	<1	
545900		<1	--	
545901		<1	--	
545902		1	--	
545903		1	--	
545904		<1	--	
545905		<1	--	
545906		<1	--	
545907	2500m	<1	--	
545908	2600m	<1	--	
545909		<1	--	
545910		<1	--	
545911		<1	--	
545912		<1	--	
545913		<1	--	
545914		1	--	
545915		<1	--	
545916	3000m	<1	--	
545917		<1	--	
545918	3100m	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

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ANALYTICAL REPORT

Job: 4AD3505
O/N: 19431/HL20/DMS

MT FRED.
LINE 8 CONT.

Sample		Au	Au Dpl	
545919	3150m	1	1	
545920		<1	--	
545921		1	--	
545922		<1	--	
545923		<1	--	
545924		<1	--	
545925		<1	--	
545926		<1	--	
545927		<1	--	
545928		1	--	
545929		1	--	
545930		1	--	
545931		<1	--	BLANKS
545932		1	--	
545933		<1	--	
545934		1	--	
545935		<1	--	
545936		<1	--	
545937	4000m	<1	--	
545938		<1	--	
545939		<1	<1	
545940		<1	--	
545941		<1	--	
545942		<1	--	
545943		<1	--	
545944		<1	--	
545945		<1	--	
545946		<1	--	
545947		<1	--	
545948		<1	--	
545949		<1	--	
545950		<1	--	
545951		<1	--	
545952		1	--	
545953		<1	--	
545954		1	--	
545955		<1	--	
545956		<1	--	
545957	5000m	<1	--	
545958		<1	--	
545959		<1	<1	
545960		<1	--	
545961		38	--	35ppb
545962		<1	--	
545963	5250m	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

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ANALYTICAL REPORT

Job: 4AD3505
O/N: 13431/IIL20/DMS

LINE 8 CONT.

Sample		Au	Au Dpl
545964	5300m	<1	--
545965		<1	--
545966		<1	--
545967		<1	--
545968		<1	--
545969		<1	--
545970		<1	--
545971		<1	--
545972		<1	--
545973		<1	--
545974		<1	--
545975		<1	--
545976		<1	--
545977		<1	--
545978	6000m	<1	--
Units		ppb	ppb
DL		1	1
Scheme		FA3	FA3

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ANALYTICAL SERVICES

Amdel Laboratories Limited A.C.N. 009 076 555;
Brown Street, Thebarton, South Australia 5031
Telephone: (08) 416 5300 Facsimile: (08) 234 0321
Head Office:. Adelaide Branches in: Perth, Darwin, Kalgoorlie, Meekatharra, Townsville, Melbourne, Sydney, Mt Isa, Alice Springs

FACSIMILE TRANSMISSION SHEET

TO: BILLITON DARWIN	
FROM: D. CAPUTO	ATT: D. NEWELL
DATE: 22/8/94	CC: 416 5301
REF: 4AD3315/11113	PAGES:

MESSAGE:

SEE FAX IN BILLITON DIRECTORY IN PERTH.

REGARDS

DINO

MT FRED SOILS

LINE 3 (0m→) 545412

LINE 5 (→6000m E.O.L.) 545604

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Job: 4AD3315
O/N: 11113/HL10/DMS

ANALYTICAL REPORT

MT FRED.

LINE 3

Sample		Au	Au Dpl	
545412	0.	<1	<1	7811200N 505700E.
545413		<1	--	
545414		<1	--	
545415		<1	--	
545416		<1	--	
545417		<1	--	
545418	500	<1	--	7811679N 505669E.
545419		<1	--	
545420		<1	--	
545421		<1	--	
545422		<1	--	
545423	1000	<1	--	
545424		<1	--	
545425		<1	--	
545426		<1	--	
545427		<1	--	
545428		<1	--	
545429		<1	--	
545430		<1	--	
545431		<1	--	45 ppb Au.
545432	L.N.R.		--	
545433	1500	<1	--	7812651N 505657E.
545434		<1	--	
545435		<1	--	
545436		<1	--	
545437		<1	--	
545438		<1	--	7813147N 505645E
545439		<1	--	
545440		<1	--	
545441		<1	--	
545442		<1	--	
545443		<1	--	
545444	2500m.	<1	--	7813666N 505723E.
545445		<1	--	
545446		<1	--	
545447		<1	--	
545448		<1	--	
545449		<1	--	
545450		<1	--	
545451		<1	--	
545452	3050m.	<1	<1	7814211N 505660E.
545453		<1	--	
545454		<1	--	
545455		<1	--	
545456		<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

Gamdel

Job: 4AD3315
O/N: 11113/HL10/DMS

ANALYTICAL REPORT

Sample		Au	Au Dpl	
LINE 3 CONT.				
545457	3500m.	<1	--	7814673N 505672E.
545458		<1	--	
545459		<1	--	
545460		<1	--	
545461	———	<1	--	620 ppb STD.
545462		<1	--	
545463		<1	--	
545464	4000m	<1	--	7815139N 505662E.
545465		2	--	
545466		1	--	
545467	4300m	1	--	EOL.
545468	0m	1	--	7816200N 506700E
545469		1	--	
LINE 4				
545470		<1	--	
545471		1	--	
545472		1	<1	
545473		1	--	
545474		<1	--	
545475		1	--	
545476		1	--	
545477	500m	<1	--	7815645N 506719E
545478		<1	--	
545479		<1	--	
545480		<1	--	
545481		1	--	
545482	1000	1	--	7815189N 506750E
545483		<1	--	
545484		1	--	
545485	1150	2	--	
545486		1	--	
545487	1500m	1	--	7814652N 506682E
545488		<1	--	
545489		1	--	
545490		<1	--	
545491	——L.N.R.——		--	620 ppb.
545492		<1	<1	
545493		<1	--	
545494		<1	--	
545495		1	--	
545496	2000m	<1	--	7814160N 506682E
545497		<1	--	
545498	2100	2	--	
545499		1	--	
545500	2200	2	--	
545501	2250	2	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

Gamdel

ANALYTICAL REPORT

Job: 4AD3315
O/N: 11113/HL10/DMS

	Sample		Au	Au Dpl		
LINE 4.	545502	2300	2	--		
	545503		<1	--		
	545504	2500m	1	--	7813688N	506699E.
	545505		<1	--		
	545506		<1	--		
	545507		1	--		
	545508		<1	--		
	545509	3000m	<1	--	7813224N	506723E.
	545510		<1	--		
	545511		1	--		
	545512		<1	<1		
	545513		<1	--		
	545514	3500m	<1	--	7812658N	506645E.
	545515		<1	--		
	545516		<1	--		
	545517		<1	--		
	545518		<1	--		
	545519	4000	<1	--	7812117N	506704E.
	545520		<1	--		
	545521		<1	--		
	545522		1	--		
	545523		<1	--		
	545524	4500m	<1	--	7811827N	506602E.
	545525		<1	--		
	545526		<1	--		
	545527		<1	--		
	545528		<1	--		
	545529	5000m	<1	--	7811242N	506756E.
	545530		<1	--		
	545531	~~L.N.R.~~	~~L.N.R.~~	~~L.N.R.~~	45ppb.	
	545532		<1	<1		
	545533		<1	--		
	545534		<1	--		
	545535	5500	<1	--	7810741N	506755E.
	545536		<1	--		
	545537		1	--		
	545538		<1	--		
	545539		<1	--		
	545540	6000m	<1	--	7810230N	506695E.
	545541		<1	--		
	545542	0	<1	--	7810200N	507700E.
LINE 5	545543		<1	--		
	545544		<1	--		
	545545		1	--		
	545546		<1	--		
	Units		ppb	ppb		
	DL		1	1		
	Scheme		FA3	FA3		

amdel

ANALYTICAL REPORT

Job: 4AD3315
O/N: 11113/HL10/DMS

LINE 5

Sample		Au	Au Dpl	
545547	500	<1	--	7810697N 507623E.
545548		<1	--	
545549		<1	--	
545550		<1	--	
545551		<1	--	
545552	1000m	<1	<1	7811126N 507720E.
545553		<1	--	
545554		<1	--	
545555		<1	--	
545556		<1	--	
545557	1500	<1	--	7811698N 507654E.
545558		<1	--	
545559		1	--	
545560		<1	--	
545561	~~L.N.R.~~		--	45 ppb STD.
545562	1900	<1	--	
545563	1950	<1	--	
545564	2000	<1	--	
545565	2050	<1	--	7812149N 507691E.
545566		<1	--	
545567		<1	--	
545568		<1	--	
545569		<1	--	
545570	2300	<1	--	
545571		<1	--	
545572		1	<1	
545573		<1	--	
545574		<1	--	
545575		<1	--	
545576		<1	--	
545577	3000	<1	--	7813201N 507621E.
545578		<1	--	
545579		<1	--	
545580		<1	--	
545581		<1	--	
545582		<1	--	
545583		<1	--	
545584		1	--	
545585		<1	--	
545586	3500	1	--	7813823N 507657E.
545587		1	--	
545588		<1	--	
545589		<1	--	
545590		<1	--	
545591		<1	--	620 ppb STD.
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

Gamdel

ANALYTICAL REPORT

Job: 4AD3315
O/N: 11113/HL10/DMS

	Sample		Au	Au Dpl	
LINE 5	545592		<1	<1	
	545593	4000	<1	--	7814298N 5074+40E.
	545594		<1	--	
	545595		<1	--	
	545596		<1	--	
	545597		<1	--	
	545598		<1	--	
	545599	5000	2	--	
	545600		<1	--	7815242N 5076+45E.
	545601		1	--	
	545602		1	--	
	545603		<1	--	
	545604	6000m	<1	--	E.O.L.
	Units		ppb	ppb	
	DL		1	1	
	Scheme		FA3	FA3	

[redacted] Amdel

ANALYTICAL SERVICES

Amdel Laboratories Limited ACN 009 076 555
Postal Address: PO Box 58, Berrimah NT 0828
Telephone: (089) 322 637 Facsimile: (089) 323 531
Head Office: Adelaide Branches in: Perth, Darwin, Kalgoorlie, Meekatharra, Alice Springs, Townsville, Melbourne, Sydney, Mt Isa

FACSIMILE TRANSMISSION SHEET

TO: BILLITON	
FROM: AMDEL DARWIN	ATT: DONNA SEWELL
DATE:	CC:
REF:	PAGES:

MESSAGE:

PLEASE FIND FOLLOWING RESULTS.

[redacted]

MY FROD

LINE 1 (0m → 2 → LINE 1 (→ 4300m) 545979 → 546055

LINE 2 (0m → 2 → LINE 2 (→ 4400m) 546056 → 546090

LINE 10 (700m → 1700m) 546092 → 546100

LINE 34 (0m → 1500m) 546101 → 546117

Chemchek

MT. FRED.

ANALYTICAL REPORT

Job: 4AD3674
O/N: 11125/HL20/SM

SOL. 1. STH.

Sample		Au	Au Dpl	
545979	0m	<1	<1	503 632E/7811 118N.
545980	50	<1	--	
545981	100	<1	--	
545982	150	1	--	
545983	200	1	--	
545984	250	<1	--	
545985	300m	<1	--	
545986	400	1	--	
545987	500	1	--	→ 503 773E / 7811 659N.
545988	600	<1	--	
545989	550	1	--	
545990	650	1	--	
545991	———	42	--	45 ppb STD.
545992	700	1	--	
545993	750	1	--	
545994	800	1	--	
545995	850	<1	--	
545996	900	1	--	
545997	950	1	--	
545998	1000m	1	--	→ 503 650E / 7812 179N.
545999	1050	1	1	
546000	1100	1	--	
546001	1150	<1	--	
546002	1200	1	--	
546003	1250	1	--	
546004	1300	1	--	
546005	1350	1	--	
546006	1400	1	--	
546007	1450	<1	--	
546008	1500	1	--	→ 503 761E / 7812 703N.
546009	1550	1	--	
546010	1600	1	--	
546011	1650	<1	--	
546012	1700	<1	--	
546013	1750	<1	--	
546014	1800	<1	--	
546015	1850	<1	--	
546016	1900	<1	--	
546017	1950	<1	--	
546018	2000	<1	--	→ 503 674E / 7813 177N
546019	2050	<1	1	
546020	2100	<1	--	
546021	2150	<1	--	
546022	2200	<1	--	
546023	2250	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

Gamdel

ANALYTICAL REPORT

Job: 4AD3674
O/N: 11125/HL20/SM

	Sample		Au	Au Dpl	
LINE 1.	546024	2300	<1	--	
	546025	2350	<1	--	
	546026	2400	<1	--	
	546027	2450	<1	--	
	546028	2500	<1	--	→ 503688E / 7813674N
	546029	2550	<1	--	
	546030	2600	<1	--	
	546031	———	<1	--	BLANK.
	546032	2650	<1	--	
	546033	2700	<1	--	
	546034	2750	<1	--	
	546035	2800	<1	--	
	546036	2850	<1	--	
	546037	2900	1	--	
	546038	2950	<1	--	
	546039	3000	1	1	→ 503621E / 7814222N
	546040	3050	1	--	
	546041	3100	1	--	
	546042	3150	1	--	
	546043	3200	1	--	
	546044	3300	<1	--	
	546045	3350	1	--	
	546046	3400	1	--	
	546047	3500	<1	--	→ 503653E / 7814750N
	546048	3600	1	--	
	546049	3700	1	--	
	546050	3800	<1	--	
	546051	3900	<1	--	
	546052	4000	<1	--	→ 503690E / 7815209N
	546053	4100	<1	--	
	546054	4200	<1	--	
EOL 1.	546055	4300	<1	--	→ 503660E / 7815508N
SOL 2.	546056	0	<1	--	504750E / 7815560N
	546057	50	<1	--	
	546058	100	<1	--	
	546059		<1	<1	
	546060		1	--	
	546061	———	44	--	45 ppb.
	546062		<1	--	
	546063		<1	--	
	546064	350	<1	--	
	546065	400	1	--	
	546066	500	1	--	→ 504658E / 7815054N.
	546067	600	1	--	
	546068	700.	1	--	
	Units		ppb	ppb	
	DL		1	1	
	Scheme		FA3	FA3	

Gamdel

ANALYTICAL REPORT

Job: 4AD3674
O/N: 11125/HL20/SM

LINE 2.

Sample		Au	Au Dpl	
546069	800	1	--	
546070	900	1	--	
546071	900	<1	--	
546072	1000	1	-->	504735E / 7814554N
546073	1100	<1	--	
546074	1200	<1	--	
546075	1400	<1	-->	504640E / 7814240N
546076	1600	<1	--	
546077		<1	--	
546078	2000	<1	-->	504696E / 7813570N
546079		1	1	
546080		<1	--	
546081	2600	<1	-->	504653E / 7813020N
546082		<1	--	
546083	3000	<1	-->	504630E / 7812683N
546084		<1	--	
546085	3400	<1	-->	504636E / 7812320N
546086		<1	--	
546087		<1	--	
546088	4000	<1	-->	504632E / 7811654N
546089		1	--	
546090	4400	<1	-->	504694E / 7811213N
546091		38	--	35 ppb.
546092	700	1	-->	511533E / 7812545N
546093	750	<1	--	
546094	800	1	--	
546095	900	<1	--	
546096	1000	<1	-->	511571E / 7812799N
546097	1200	<1	-->	511684E / 7813068N
546098	1400	<1	--	
546099	1600	<1	<1	
546100	1700	<1	-->	511832E / 7813459N
546101	0	<1	--	
546102		<1	--	504293E / 7803564N
546103		1	--	
546104		1	--	
546105		<1	--	
546106		1	--	
546107	300	1	--	
546108	400	1	--	
546109	500	<1	-->	504820E / 7803537N
546110		1	--	
546111		<1	--	
546112		<1	--	
546113	900	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

EOL.

SOL 10. (S.)

EOL.

SOL. 34 (W.)

ANALYTICAL REPORT

Job: 4AD3674
O/N: 11125/HL20/SM

Sample		Au	Au Dpl	
LINE 34.	546114 1000	<1	--	505285E/ 7803567N
	546115 1200	<1	--	
	546116 1400	1	--	
	546117 1500	<1	--	
Units		ppb	ppb	
DL		1	1	
Scheme		FA3	FA3	

APPENDIX 4

ENVIRONMENTAL REGISTER

TENEMENT ENVIRONMENTAL MANAGEMENT REGISTER
LAND STATUS RECORD

Project: TANAMI - MT FREDERICK JV

Tenement Name: Mt Frederick **Loc. Code:** HL 20

Tenement No's: EL 7921

Registered Holder(s): Otter Exploration NL

Date Granted: 24/3/93 **Term:** 6 Years **Area:** 412 sq kms

Bond/Security:

JV Partners (if any): Acacia Resources Limited

Land Classification: **(Crown, Private, Lease)** Vacant Crown Land - partly within Western Desert Land Trust

Land Holder/Occupier: N/A **Station:**

Address: **Phone:**

Contacted By: **Date:**

Pastoral Notes: **(Stock, Cultivation, Access, Rainfall)**

Currently not used for pastoral activity

Environmental Notes: **(Flora/Fauna, Erosion, Bushfires, Flooding)**

Acacias, stunted eucalypts, sphinifex
Occasional flooding - sheet water - wet season
Regular burning - dry season

Groundwater: **(Bores/Wells/Dams, streams, drainage, test data)**

Aboriginal Notes: **(Sacred Sites, Cultural)**

N/A

Historic Relics: **(Mine Workings, Equipment, Homesteads etc.)**

N/A

Previous Activity: **(Mining, Exploration, Forestry, etc.)**

Bulldozed trenches and surface samples taken by PNC the previous licence holder

TENEMENT ENVIRONMENTAL MANAGEMENT REGISTER
PRE-EXISTING ENVIRONMENTAL DISTURBANCE RECORD

Tenement Name: MT FREDERICK **No(s):** EL7921

Exploration Activity Area: Western Tanami

Shafts/Pits/Dumps: 2 bulldozed trenches

Track/Access: No

Line Clearing: None

Costeaning: None

Drill Sites: None

Other: **(Camp sites, Cultivation, Forestry, Pastoral)** None

Location Data: 1:100,000 Sheet: Pargee & McFarlane
1:250,000 Tanami Sheet & 1:250,000 The Granites sheet

AMG Block Co-ords: mN - mN
mE - mE

Other Ref:

Compiled by: Barbara Cameron **Date:** 15/12/93

TENEMENT ENVIRONMENTAL MANAGEMENT REGISTER
ACACIA ENVIRONMENTAL IMPACT RECORD

Tenement Name:	MT FREDERICK	**No (s):**	EL 7921
Report Ref No's:	08.7022, 08.7282		
Exploration Activities:	Regional soil traverses using combination of auger & post hole rab drilling		
Grids & Traverses:	Regional traverses flagged and put in by vehicle consisting of 113.0km. An additional 7km of gridding flagged and put in by vehicle in grid 6 area. Wooden grid pegs placed every 50m along 200m spaced lines		
Soil Sampling:	841 surface and auger samples taken		
Costeans / Pits:	None		
Drilling:	Approximately 678 samples collected from 3138m of shallow post hole rab drilling. Generally holes had an average depth of about 4m. Locally holes up to 12m deep. Plugs inserted approximately 1m below surface and holes backfilled.		
Drill Traverses:	None		
Drill Pads:	Drill rig used existing vehicle tracks. Lines did not require clearing		
Ground Geophysics:	None		
Access Tracks:	Vehicle track in by Toyota - not cleared.		
Camps:	Fly camps at 7811650N, 505650E and 7787700N, 506000E		
Other:			
Compiled by:	Donna Sewell	**Date:**	15/12/94

TENEMENT ENVIRONMENTAL MANAGEMENT REGISTER
ACACIA REHABILITATION RECORD

Tenement Name: MT FREDERICK **No(s):** EL7921

Disturbance: **Rehabilitation:** **Date:**

Grids & Traverses: To rehabilitate naturally - vehicle lines only

Soil Sampling: All holes backfilled

Costeans/Pits:

Drilling: All shallow rab post holes plugged below surface and backfilled

Drill Traverses:

Drill Pads:

Ground Geophysics:

Access Tracks:

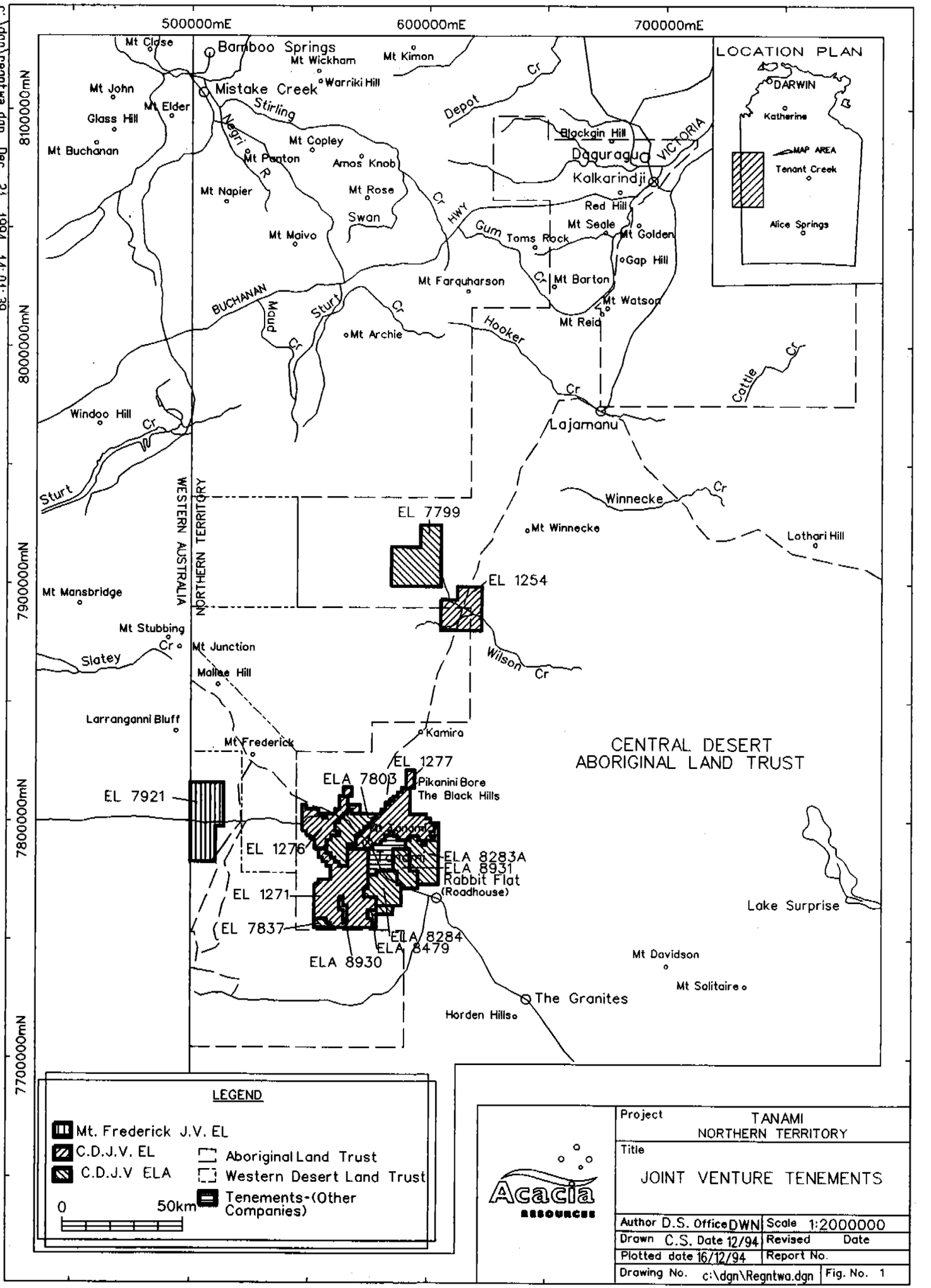
Camps: All camping material and rubbish removed from fly camps

Other:

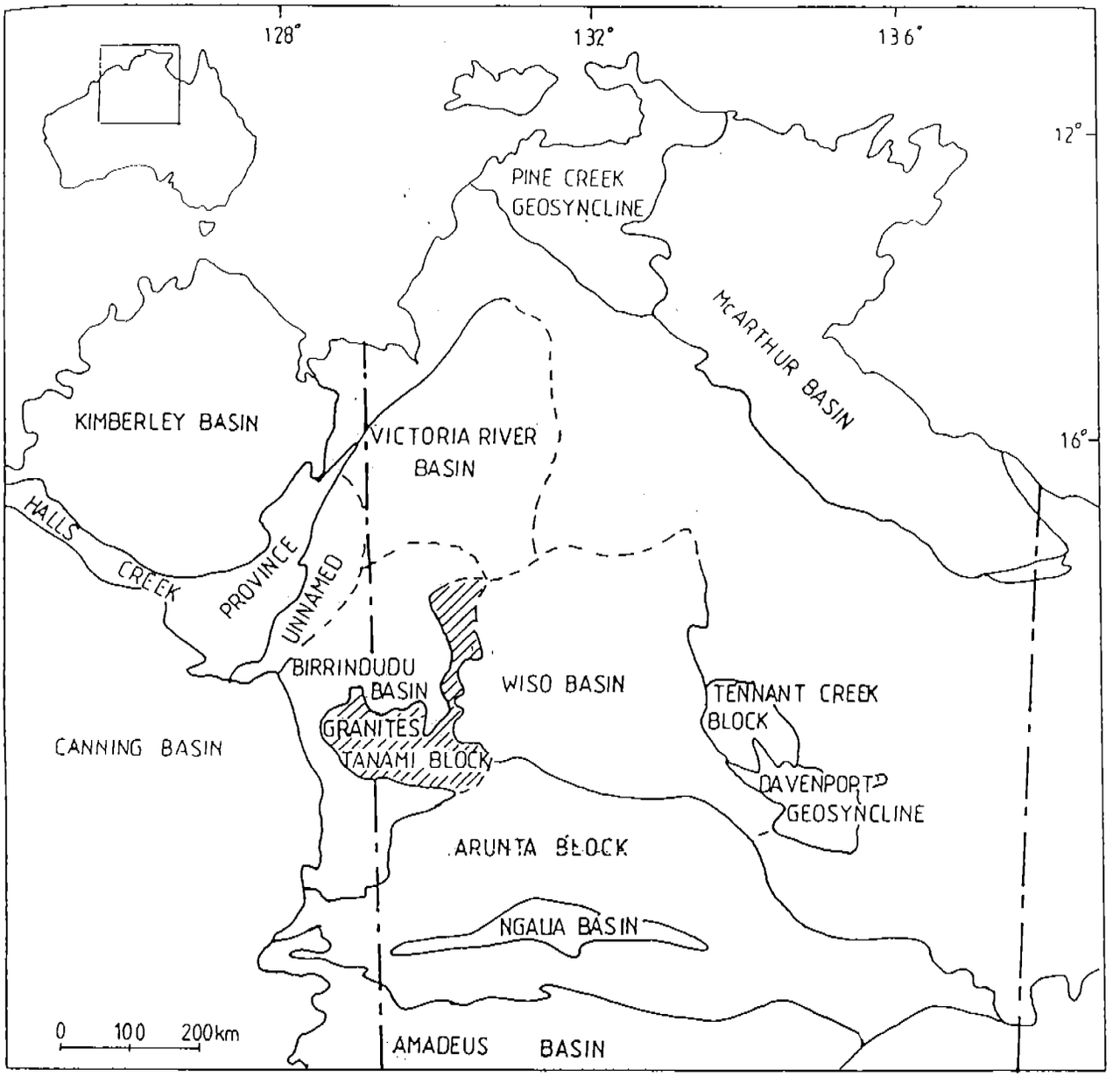
Inspected / Clearance: **Bond/Security released:**

Compiled by: Donna Sewell **Date:** 15/12/94

Follow-up Inspection Report: December 1994



c:\dgn\regntwa.dgn Dec. 21, 1994 14:01:39



From Blake et. al. 1977

ACACIA RESOURCES			
Project: TANAMI			
Title: REGIONAL SETTING			
Author	Date	Scale	
Drawn	Office	Revised	Date
Drawing No.			Fig. No. 2

500000mE

510000mE

520000mE

129° 00'

7810000mN

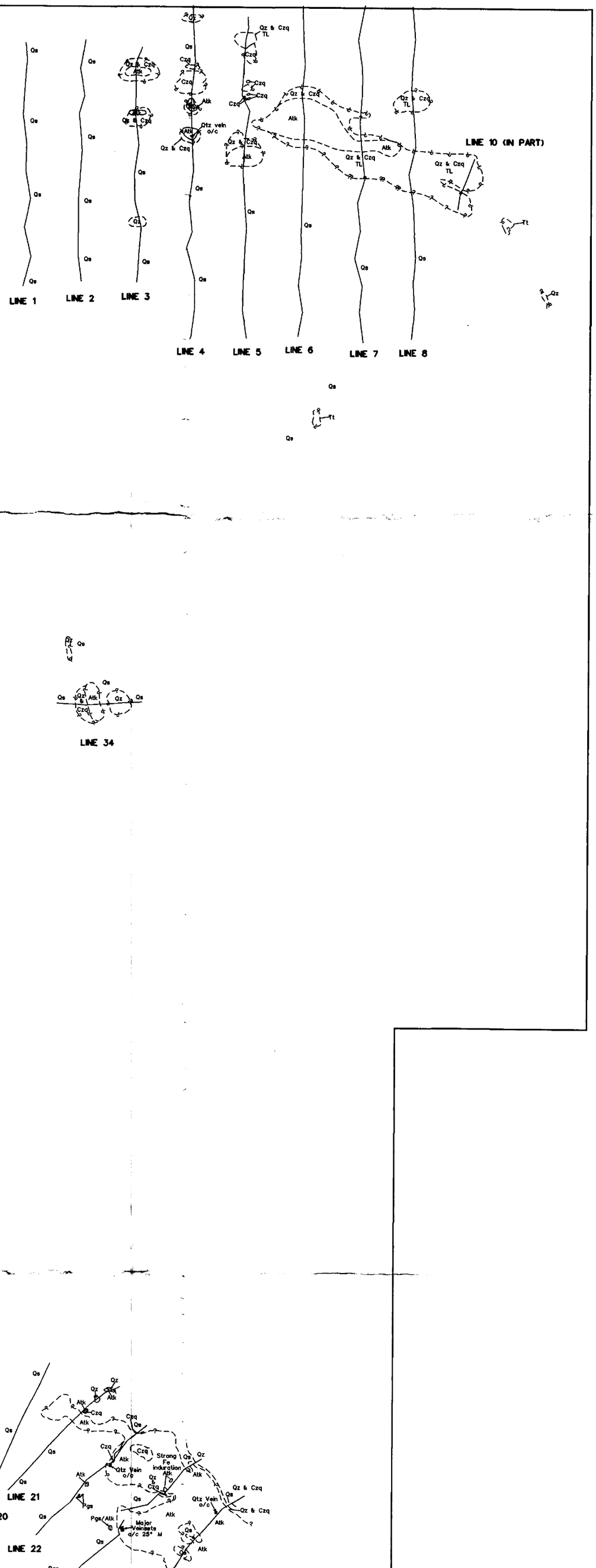
7800000mN

7790000mN

WESTERN AUSTRALIA

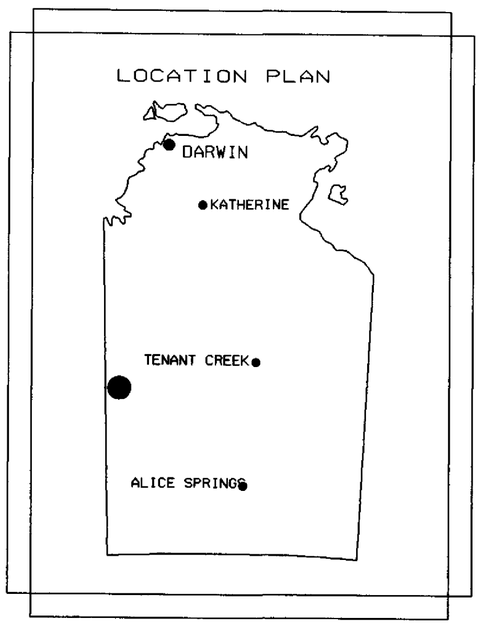
NORTHERN TERRITORY

EL 7921



TN

LOCATION PLAN



LEGEND

- Atk - Killi Killi Beds
- Qs - Sand & Silt
- Qz - Sand, Minor Gravel
- Czq - Vein Quartz Rubble
- Pgs - Slatey Creek Granite
- / - Quartz Vein Outcrop
- X - Rockchip Site
- Tt - Silicified Calcrete
- TL - Secondary Lateritisation
- ?——? - Inferred Boundary
- ▨ - Quartz Vein Outcrop

CR95/312

Scale 1:50000

1 0 1 2 3 4

kilometres

Acacia RESOURCES

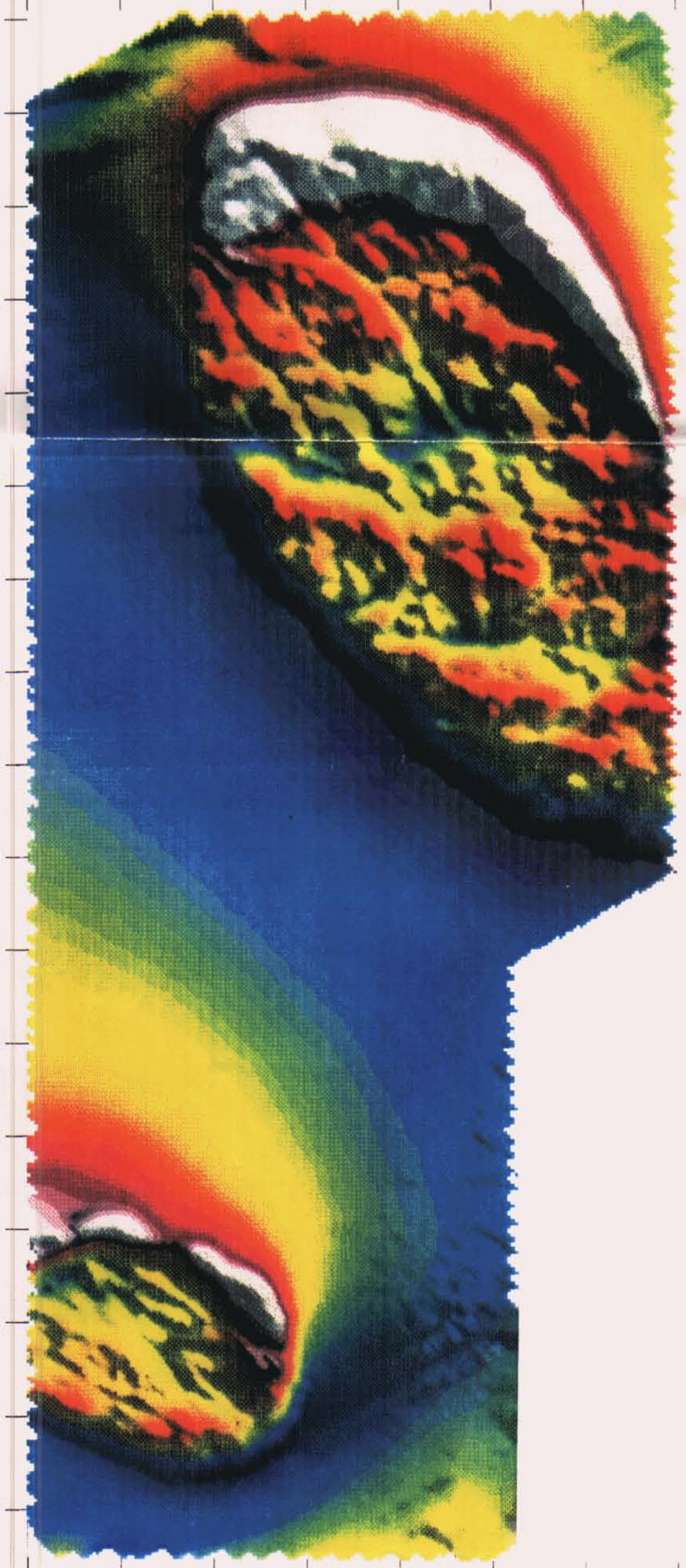
Northern Territory
Project Name

MT FREDERICK

MAPPED REGOLITH

GEOLOGY

Author: J.D.	Office: DWN	Scale: 1:50000
Drawn: I.G.	Date: JAN/95	Revised: MAR/95
Plotted Date: 24/4/1995		Report No:
Filed: C:\DGN\MT_FRED\MTFREG.DGN		Figure No: 3



Scale 1:100000

1000 0 1000 2000 3000 4000 5000 6000

(meters)

ACACIA RESOURCES

MT. FREDERICK JV
AIRBORNE MAGNETICS

GRID MESH 75m X 75m
SHADE 45 INC. 45 AZM

BOC1, MAY **Figure 4**

EL 7921

7810000N

7800000N

7790000N

500000E

510000E

520000E

CR95/312

LEGEND

SD1-RED-BROWN SAND - AEOLIAN?
-POORLY VEGETATED.
-NO BEDROCK CONTROL.

SD2-RED-BROWN SAND - AEOLIAN?
-VARIABLE VEGETATION TYPE AND DENSITY.
-NO BEDROCK CONTROL.

SD3-RED-BROWN SAND - AEOLIAN OR ALLUVIUM/SHEETWASH
-VARIABLE VEGETATION.
-CONTROLED BY BEDROCK & TOPOGRAPHIC FEATURES.
-LIMITED DEPTH.

SD4-THIN SAND COVER-
VARIABLE VEGETATION.
-FLANKING AREAS OF OUTCROP.
-SHALLOW TO MODERATE COVER.
-OCCASIONAL BEDDING TRENDS.

CA-CALCRETE
-DARK GREEN TO PALE LINEAR CHARACTER
-DENSELY VEGETATED

BSC-BASEMENT SUBCROP - THIN SAND COVER
-VARIABLE VEGETATION.
-ABUNDANT BEDDING TRENDS.
-VERY SHALLOW COVER TO DISCONTINUOUS SUBCROP.

BOC-BASEMENT OUTCROP
-VARIABLY WEATHERED
-VARIABLE VEGETATION, GENERALLY POOR.
-ROUNDED TOPOGRAPHIC FEATURES.
-VERY SHALLOW COVER TO DISCONTINUOUS SUBCROP.

KEY

- INFERRED BOUNDRY
- AERIAL PHOTO LINEAMENT
- BEDDING/SCHISTOSITY TREND
- BEDDING/SCHISTOSITY ORIENTATION
- VEIN/DYKE
- FAULT & SENSE OF MOVEMENT
- GRANITE ROCK
- CLEARED ROAD/TRACK
- BR BORROW PITS - GRAVEL/ROAD BASE

Scale 1:50000

1 0 1 2 3
kilometres

Northern Territory
Project Name

MT FREDERICK JV
EL 7921
AERIAL PHOTO
INTERPRETATION

Acacia RESOURCES

Author: G.D.	Office: DWN	Scale: 1:50000
Drawn: I.G.	Date: JAN/95	Revised: MAR/95
Plotted Date: 24/4/1995		Report No:
Filed: C:\DGN\MT_FRED\FREDINTP.DGN		Figure No: 5

500000mE

510000mE

520000mE

129° 00'

7810000mN

7800000mN

7790000mN

WESTERN AUSTRALIA

NORTHERN TERRITORY

EL 7921

GRID 1

GRID 2

GRID 3

GRID 4

GRID 5

GRID 6

LINE 1

LINE 2

LINE 3

LINE 4

LINE 5

LINE 6

LINE 7

LINE 8

LINE 10

LINE 18

LINE 19

LINE 20

LINE 21

LINE 22

LINE 23

LINE 24

LINE 25

LINE 26

LINE 27

LINE 28

LINE 29

LINE 30

LINE 31

LINE 34

ATK

CZQ

GPS LINE

TO TANAMI

Cleared line (access track)

Cleared line

Cleared line (access track)

(access track)

TN

LOCATION PLAN

DARWIN

KATHERINE

TENANT CREEK

ALICE SPRINGS

CR95/312

LEGEND

PHOTO INTERPRETED GEOLOGY

TERTIARY

CZQ — VEIN QUARTZ RUBBLE

COVER

CAINOZOIC

ATK — KILLI KILLI BEDS

ARCHAEAN?

AEROMAGNETIC ANOMALY

FAULT OR FRACTURE ZONE

1993 SAMPLE LINES

1994 SAMPLE LINES

LINE 2 - 1993 SOIL SAMPLE LINE NUMBERS

LINE 29 - 1994 SOIL SAMPLE LINE NUMBERS

Scale 1:50000

1 0 1 2 3 4

kilometres

Acacia RESOURCES

Northern Territory

Project Name

MT FREDERICK

GRID LOCATIONS

Author: J.D.	Office: DWN	Scale: 1:50000
Drawn: I.G.	Date: JAN/95	Revised: MAR/95
Plotted Date: 24/4/1995		Report No:
Filed: C:\DGN\MT_FRED\MTFGEOL.DGN		Figure No: 6

500000mE

510000mE

520000mE

129° 00'

7810000mN

7800000mN

7790000mN

EL 7921

GRID 1

GRID 2

GRID 3

GRID 4

GRID 5

GRID 6

LINE 1

LINE 2

LINE 3

LINE 4

LINE 5

LINE 6

LINE 7

LINE 8

LINE 10

LINE 17

LINE 18

LINE 19

LINE 20

LINE 21

LINE 22

LINE 23

LINE 24

LINE 25

LINE 26

LINE 27

LINE 28

LINE 29

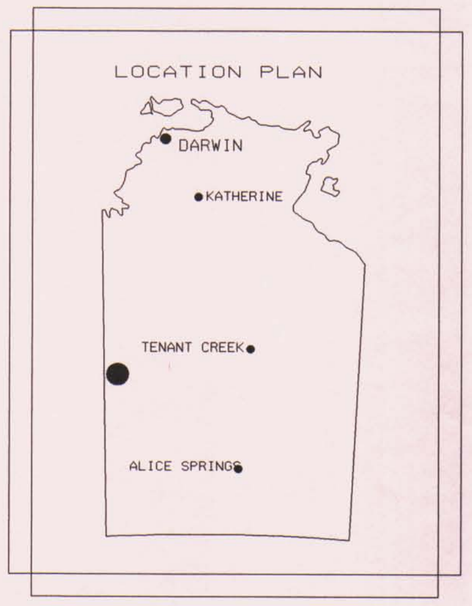
LINE 30

LINE 31

LINE 34

TN

LOCATION PLAN



WESTERN AUSTRALIA

NORTHERN TERRITORY

LEGEND

459641 + - 1994 SOIL SAMPLE NUMBERS

• 352706 - 1993 SOIL SAMPLE NUMBERS

LINE 29 - 1994 SOIL SAMPLE LINE NUMBERS

x 354856 - 1994 ROCKCHIP SAMPLE NUMBERS

- DETAILED GRID 6

CR95/312

Scale 1:50000

1 0 1 2 3 4

kilometres

Acacia RESOURCES

Northern Territory

Project Name

MT FREDERICK

EL 7921

SOIL + ROCKCHIP SAMPLE NUMBERS FOR 1993 + 1994

Author: J.D.	Office: DWN	Scale: 1:50000
Drawn: I.G.	Date: JAN/95	Revised: MAR/95
Plotted Date: 24/4/1995		Report No:
Filed: C:\DGN\MT_FRED\MTFSAMP.DGN		Figure No: 7

500000mE

510000mE

520000mE

129° 00'

7810000mN

7800000mN

7790000mN

WESTERN AUSTRALIA

NORTHERN TERRITORY

EL 7921

GRID 1

GRID 2

GRID 3

GRID 4

GRID 5

GRID 6

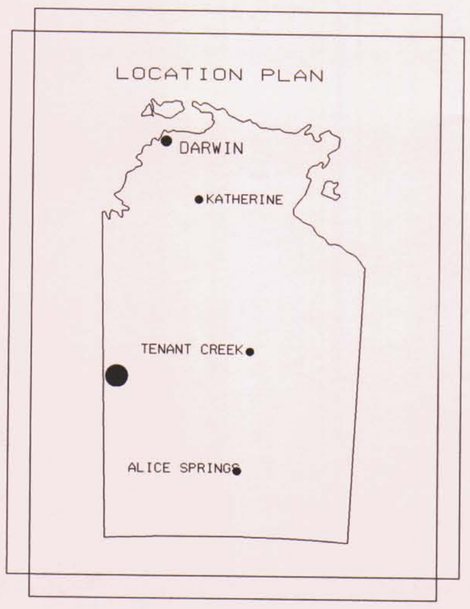
LINE 1 LINE 2 LINE 3 LINE 4 LINE 5 LINE 6 LINE 7 LINE 8 LINE 10

LINE 34

LINE 17 LINE 18 LINE 19 LINE 20 LINE 21 LINE 22 LINE 23 LINE 24 LINE 25 LINE 26 LINE 27 LINE 28 LINE 29 LINE 30 LINE 31

TN

LOCATION PLAN



LEGEND

+ 4 - 1994 SOIL SAMPLE - AU RESULTS FOR ASSAYS ≥ 2 PPB

° 3 - 1993 SOIL SAMPLE - AU RESULTS FOR ASSAYS ≥ 2 PPB

x 35 - 1994 ROCKCHIP SAMPLE - AU RESULTS FOR ASSAYS ≥ 2 PPB

LINE 29 - 1994 SOIL SAMPLE LINE NUMBERS

- DETAILED GRID 6

NOTE - ALL ASSAYS IN PPB

CR95/312

Scale 1:50000

1 0 1 2 3 4

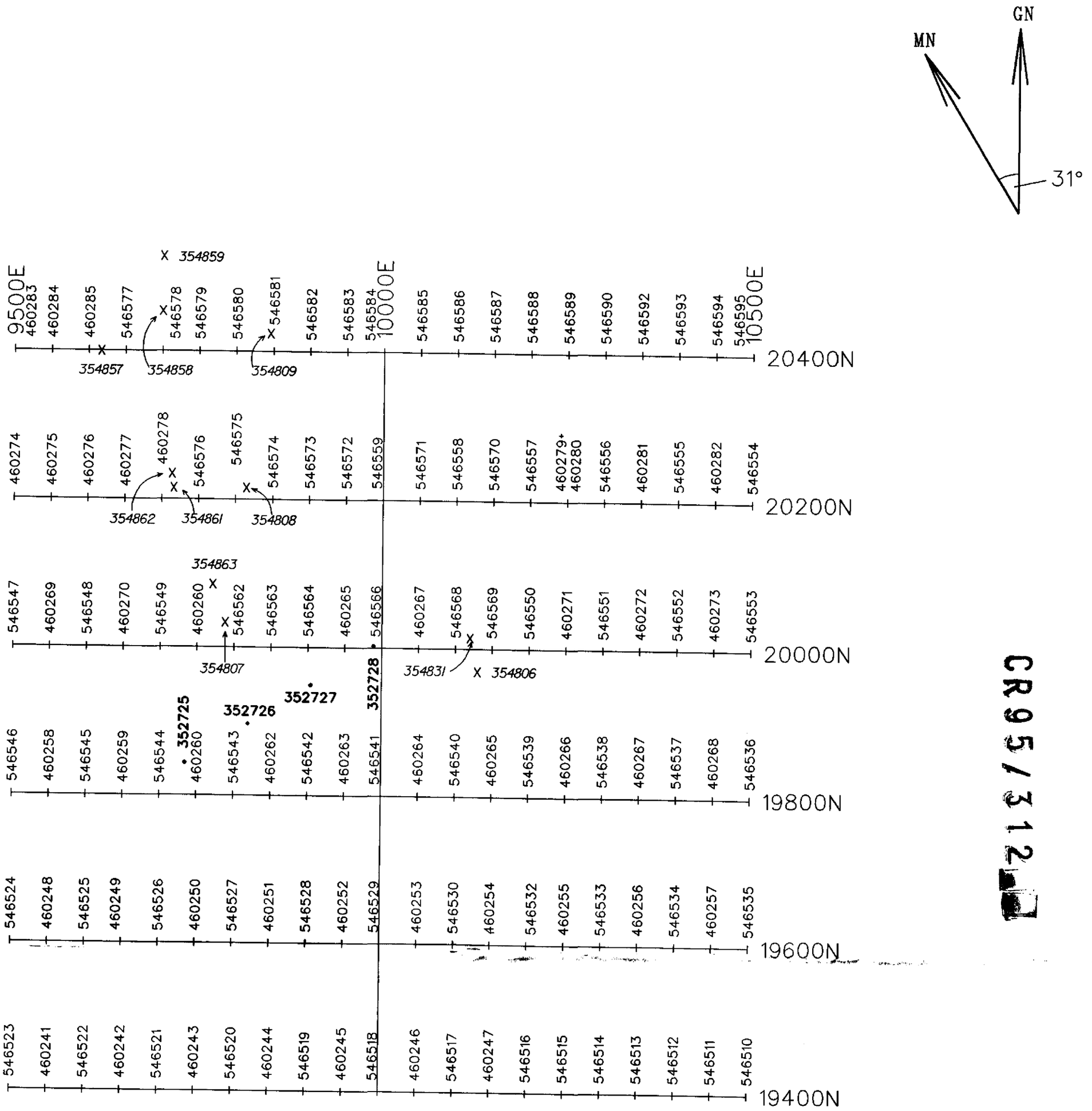
kilometres

Acacia RESOURCES

Northern Territory
Project Name

MT FREDERICK
EL 7921
SOIL + ROCKCHIP ASSAYS
FOR 1993 + 1994

Author: J.D.	Office: DWN	Scale: 1:50000
Drawn: I.G.	Date: JAN/95	Revised: MAR/95
Plotted Date: 24/4/1995		Report No:
Filed: C:\DGN\MT_FRED\MTFASSAY.DGN		Figure No: 8



CR95/312

LEGEND

– 546512 - 1994 Soil Sample Number

• **352726** - 1993 Soil Sample Number

X *354859* - 1994 Rockchip Sample Number

Scale 1:5000

m100 0 100 200 300 400m

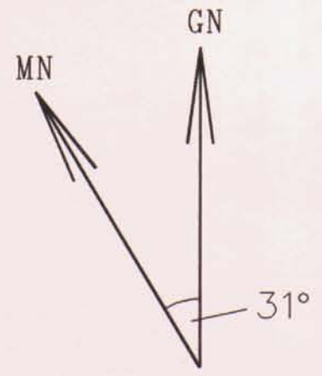
Acacia RESOURCES

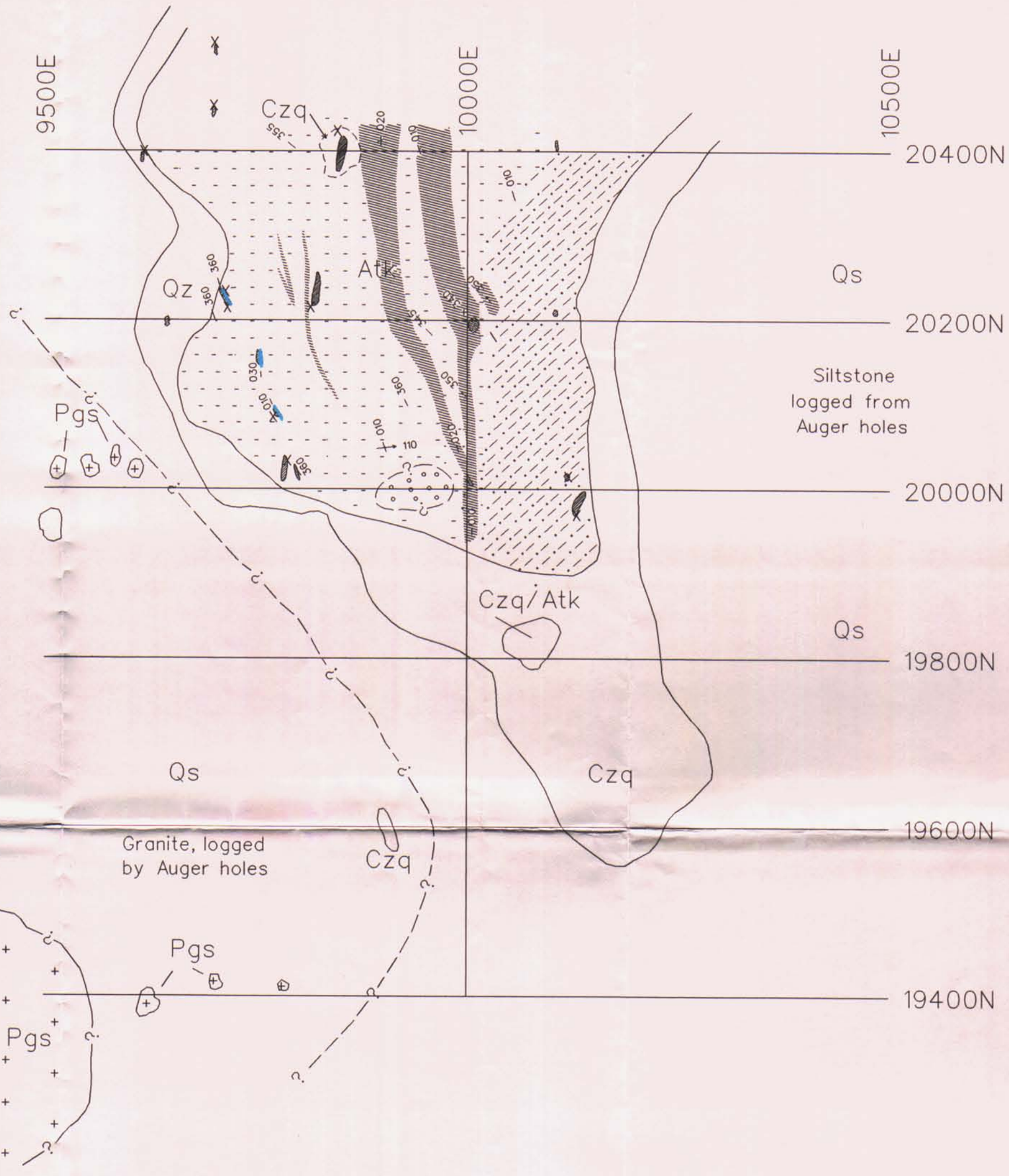
Northern Territory
Project Name

MT FREDERICK

SOIL AND ROCKCHIP SAMPLE NUMBERS FOR GRID 6 AREA

Author: D.S.	**Office:** DWN	**Scale:** 1:5000
Drawn: I.G.	**Date:** JAN/95	**Revised:** MAR/95
Plotted Date: 24/4/1995		**Report No:**
Filed: C:\DGN\FREDDY\FREDSAMP.DGN		**Figure No:** 10





CR95/312

LEGEND

Scale 1:5000

m100 0 100 200 300 400m

- Atk - Killi Killi Beds
- Qs - Sand & Silt
- Qz - Sand, Minor Gravel
- Czq - Vein Quartz Rubble
- SL - Slate
- \ - Bedding strike
- X - Rockchip Site
- ?—? - Outcrop boundary
- → - Joint Direction

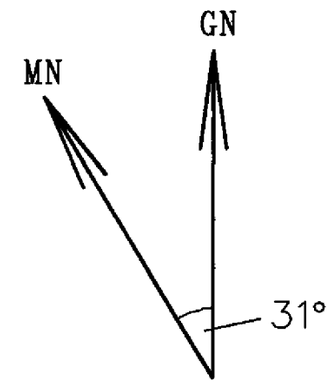
- Otz Vn o/c
- SS/GW - Micaeous, sandstone/greywacke
- Sl - Siltstone
- Pgs - Granite (Slately Creek Granite)
- SS - Lithic Qtz arenite
- SC - Crenulated schist
- VC - Volcaniclastic sediment
- ssSi - Sandy siltstone
- ?——? - Inferred geological boundary
- \+ - Steeply dipping (dip indeterminate)

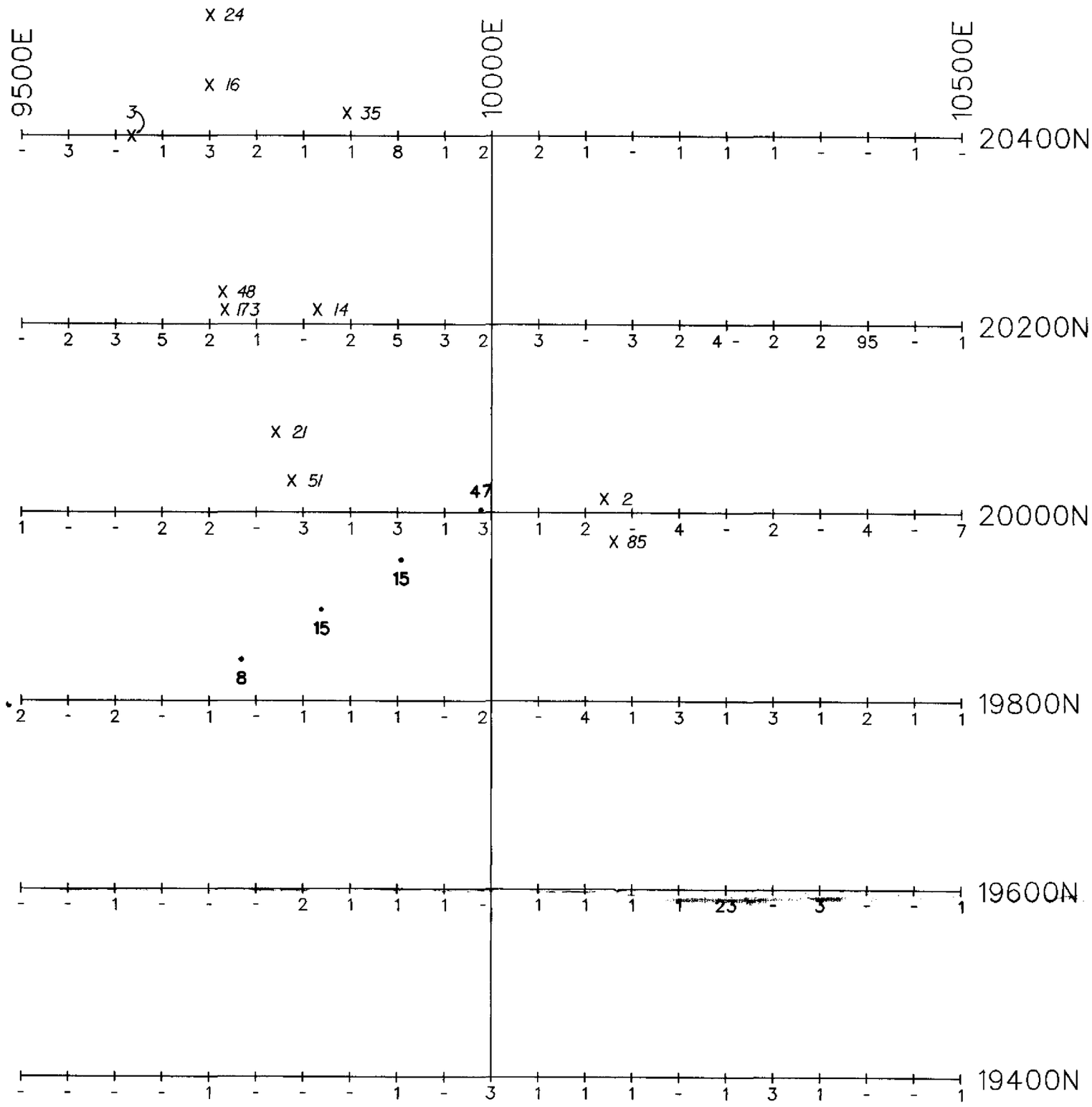
Acacia RESOURCES

Northern Territory
Project Name

MT FREDERICK
REGOLITH AND GEOLOGY
(FACT MAP)
FOR GRID 6 AREA

Author: J.D.	Office: DWN	Scale: 1:5000
Drawn: I.G.	Date: JAN/95	Revised: MAR/95
Plotted Date: 24/4/1995		Report No:
Filed: C:\DGN\FREDDY\FREDGEOL.DGN		Figure No: 9





CR95/312

Scale 1:5000

m100 0 100 200 300 400m

LEGEND

X *24*	1994 Rockchip Sample - Au Result for assays ≥ 1 PPB only
1/3	1994 Soil Sample - Au Result for assays ≥ 1 PPB only
• **15**	1993 Soil Sample - Au Result for assays ≥ 1 PPB only

Note *All assays In PPB*

Acacia RESOURCES

Northern Territory
Project Name

MT FREDERICK

SOIL AND ROCKCHIP

ASSAYS FOR GRID 6 AREA

Author: D.S.	**Office:** DWN	**Scale:** 1:5000
Drawn: I.G.	**Date:** JAN/95	**Revised:** MAR/95
Plotted Date: 24/4/1995		**Report No:**
Filed: C:\DGN\FREDDY\FREDRSLTS.DGN		**Figure No:** 11