

ANNUAL REPORT
MCN'S 1737-1755
WOOLGNI GOLDFIELD

PREPARED BY:

MINING MANAGEMENT
SERVICES PTY LTD

MAY 1989

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CONTENTS

1. INTRODUCTION
2. TENEMENT DETAILS
3. HISTORY
4. GEOLOGY
5. PREVIOUS EXPLORATION
6. EXPLORATION 1988-1989
 - 6.1 PLANE TABLE MAPPING
 - 6.2 EXPLORATION GRID
 - 6.3 TRENCHING AND CHANNEL SAMPLING
 - 6.4 DRILLING WOOLGNI GOLDFIELD
7. CONCLUSION

FIGURES:

- 1 PROJECT LOCATION MAP ✓
- 2 GEOLOGICAL PLAN SHOWING WOOLGNI AND TOWER PROSPECTS ✓
- 3 REGIONAL GEOLOGICAL PLAN ✓
- 4A & 4B PLAN. TABLE SURVEY OF GOLD WORKINGS ✓
- 5 WOOLGNI - TRENCH LOCATIONS AND ASSAYS ✓
- 6 WOOLGNI - TRENCH LOCATIONS AND ASSAYS ✓
- 7 SECTION 5050N ✓
- 8 SECTION 5100N ✓
- 9 SECTION 5150N ✓
- 10 SECTION 5200N ✓
- 11 SECTION 5250N ✓
- 12 SECTION 5300N ✓
- 13 SECTION 5350N ✓
- 14 SECTION 5400N ✓
- 15 SECTION 5450N ✓
- 16 SECTION 9750E ✓
- 17 SECTION 9800E ✓
- 18 SECTION 9850E ✓
- 19 SECTION 9900E ✓

APPENDIX:

- 1 CHANNEL SAMPLING OF EXCAVATOR TRENCHING AT
 WOOLGNI GOLDFIELD
- 2 REVERSE CIRCULATION DRILL RESULTS AND
 GEOLOGICAL LOGS

1. INTRODUCTION

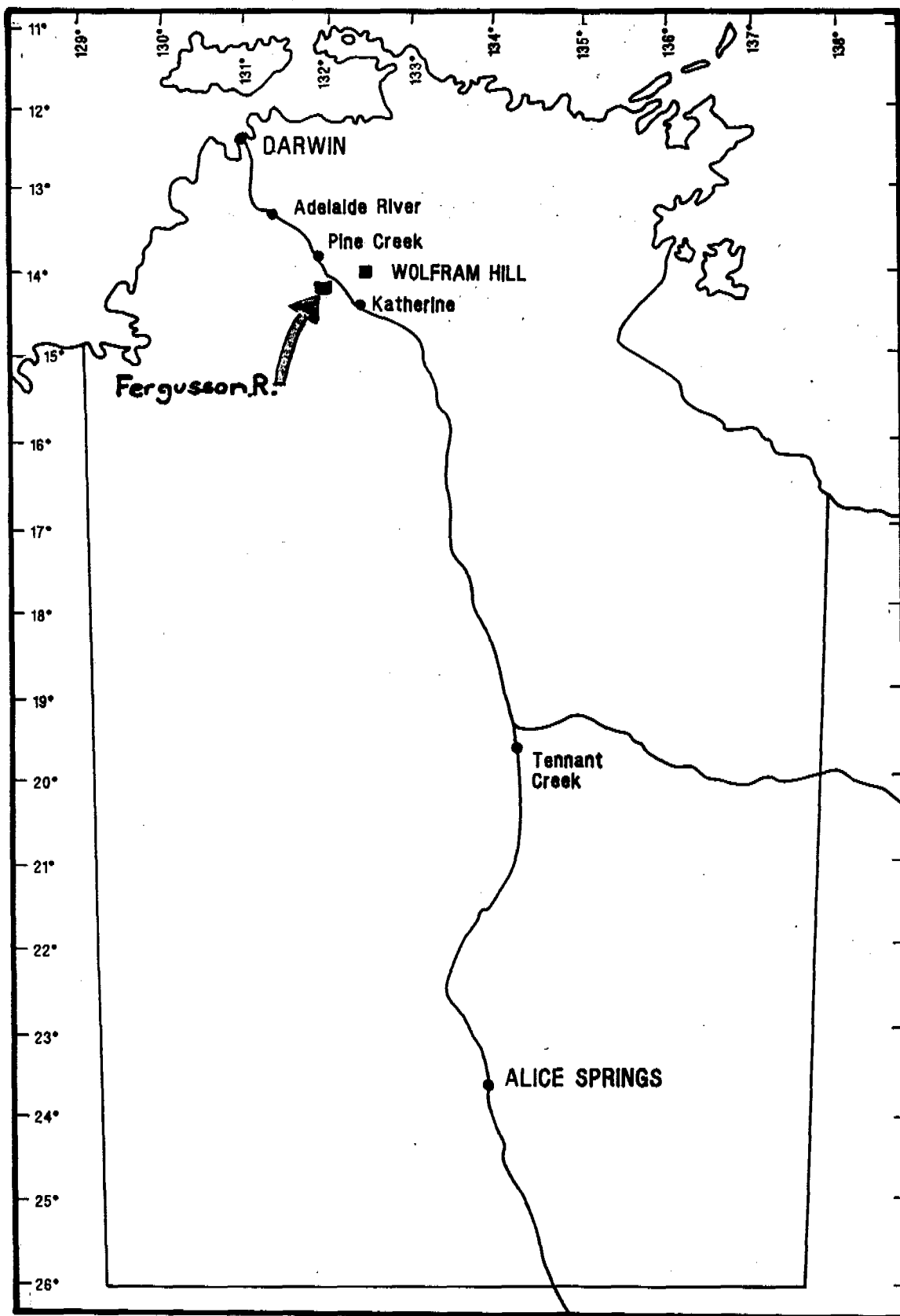
This report was prepared by Mining Management Services Pty Ltd for Hilltop Enterprises Pty Ltd for MCN's 1737-1755 at Fergusson River. The report covers exploration carried out on behalf of Joint Venture Participants, Hilltop Enterprises Pty Ltd and Zapopan NL for the period ending 29 March 1989.

As these tenements were granted within the previous reporting period of the surrounding EL's 3199 and 3200 also held by Hilltop Enterprises Pty Ltd and Zapopan NL much of the data presented here has been previously reported in these tenements' Annual Reports.

The Fergusson River Project area is located 220kms south-east of Darwin and approximately 35kms south-east of Pine Creek (Figure 1). The bituminized all weather Stuart Highway passes through the project area approximately 2kms east of the Woolgini Prospect. There are a number of dirt tracks in the area but these are accessable only in the dry season.

The Palm Valley-Darwin natural gas pipeline passes through the region approximately 1km east of the Stuart Highway (Figure 2) and the Katherine power transmission line is located immediately adjacent to the Highway. There is a Telecom repeater station within the project area. The Fergusson River is a major drainage system and has permanent water holes within the project area.

The project area's topography varies from relatively flat in the south-west portion and the north-west to steep in the vicinity of Woolgini Prospect and Tower Hill (Figure 2).

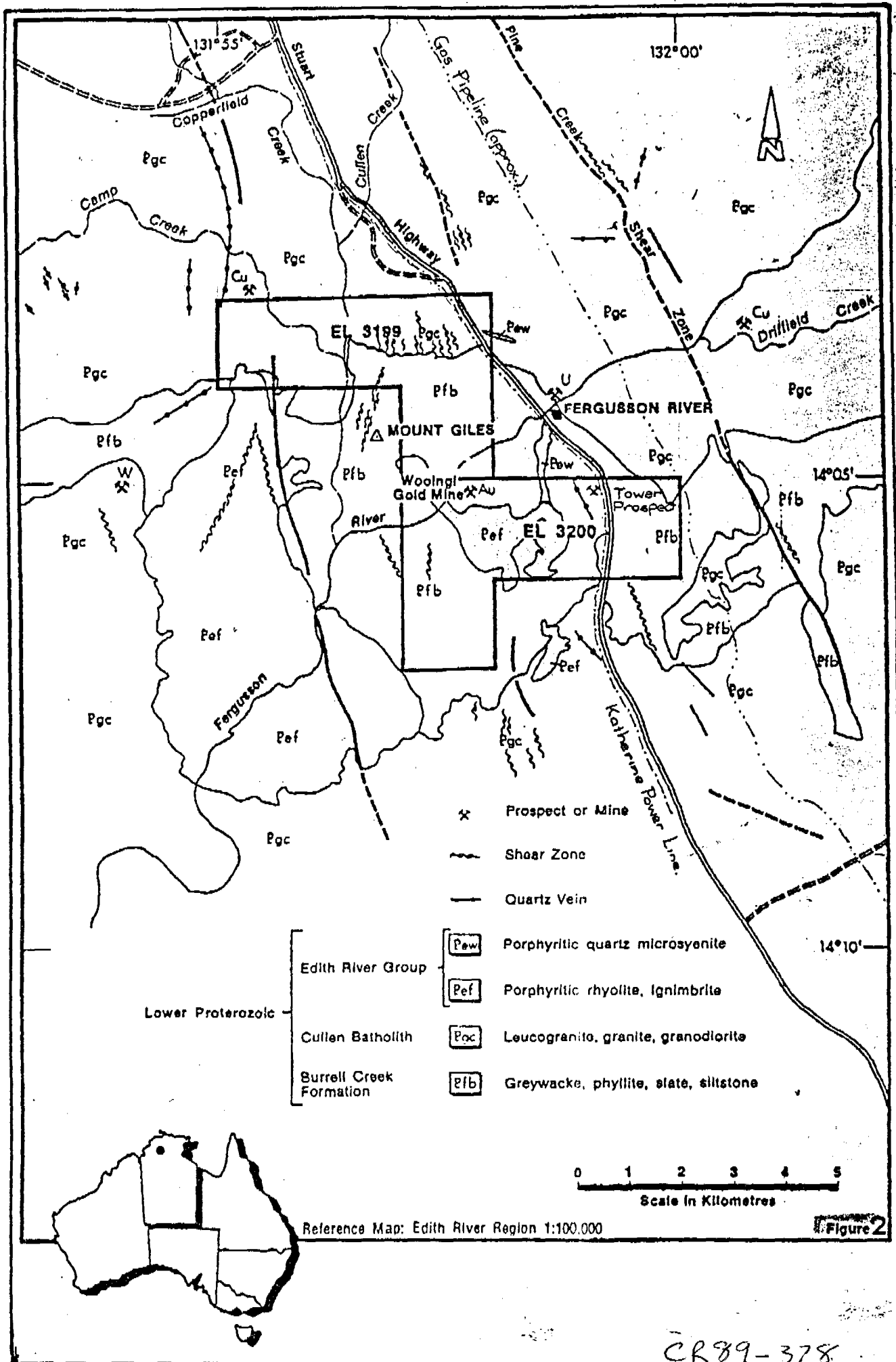


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Figure 1

LOCALITY MAP

Scale Approx. 1 : 8,000,000



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2. TENEMENT DETAILS

Applications for MCN's 1737-1755 covering the old Woolgni workings was made on 7 September 1987. These tenements were within the boundaries of Exploration Licences 3199 and 3200, which were granted to Zapopan NL for a term of six years from 23 February 1987.

The mineral claim applications were granted on 29 March 1988 for a period of five years.

3. HISTORY

The Woolgni Goldmine is the only known group of mine workings in the area. The history of the mine began in 1897 when Chinese miners produced 200oz of gold from alluvium. Between 1888 and 1900 the hardrock mines were developed. The western lode (see later) had two adits 49m and the lower adit 28m long and was described as being 1.52m wide, with well defined walls. Picked ore from this lode averaged 30ozs 6dwt. In 1901 the Chinese erected a 5 head stamp and tramway to the lower adit, but grades were in decline. In 1903 only 17 tonnes of ore was crushed and the Chief Warden, E Copley Playford remarked:-

"It is a matter of regret that the main lode in this mining property, which returned such satisfactory results during the years 1899-1902, should to all intents and purposes be abandoned when the stone became poor, for the reef is still going down, well defined, and will in all probability again contain rich gold in deeper ground."

In 1903 the battery closed and the mines were deserted except for a few Chinese fossickers. The mine has a recorded production of 3,840ozs of gold between 1897 and 1905.

In more recent times two reports have been prepared by Mr M Sakurai:-

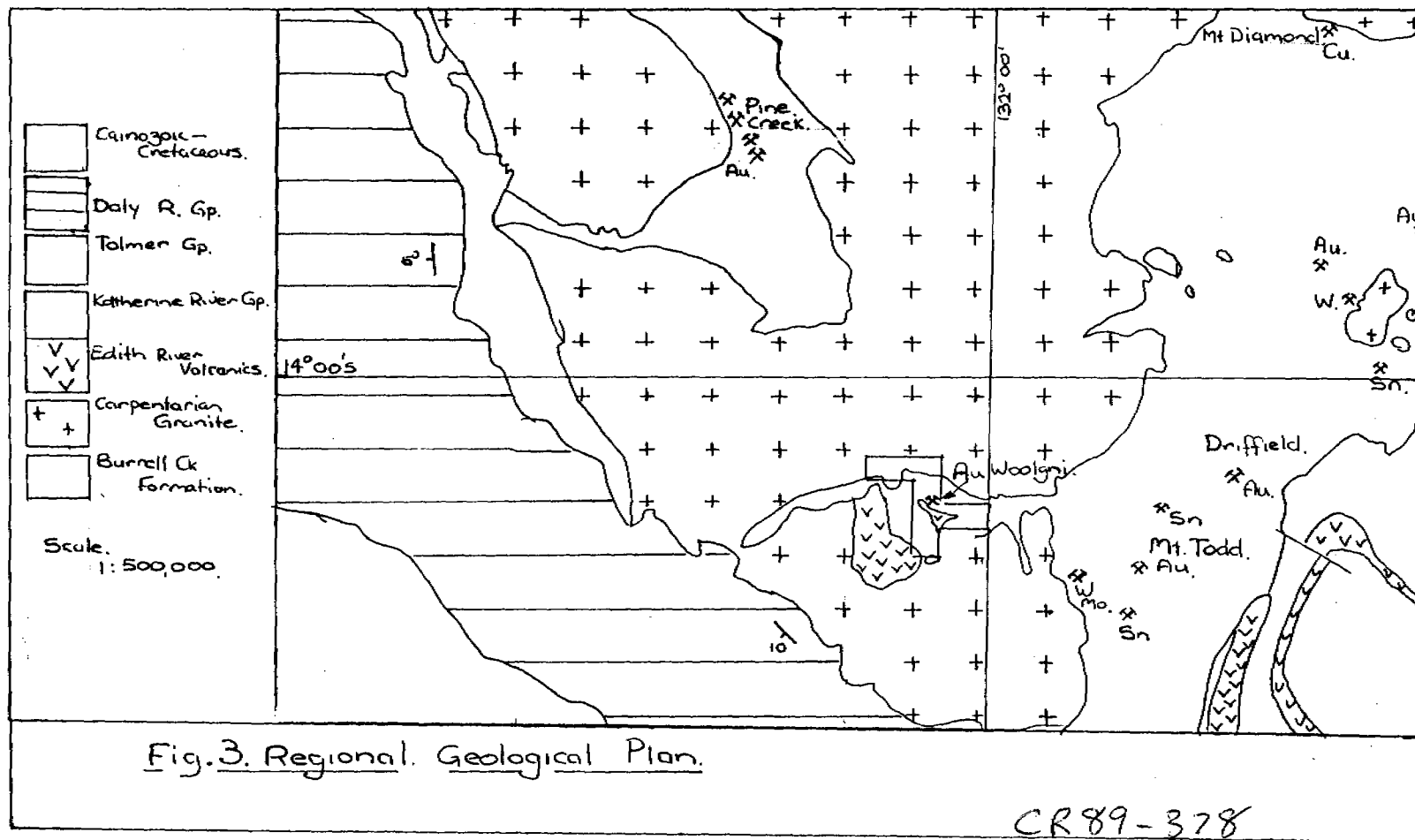
"Initial Drilling, Mineralization and assumed ore genesis, and Further Exploration Programme" 9th July 1987 and "Report on Exploration Licences 3199 and 3200 For the Period Ending 22nd February 1988".

The former report deals with a 5 diamond drill hole, 263m diamond drilling programme at Woolgni and the latter with rock chip geochemical sampling programme carried out over the old mine and surrounding area. These reports are discussed in more detail in Section 5 - Previous Exploration.

4. GEOLOGY

The Fergusson River exploration licences cover a Lower Proterozoic inlier of Burrell Creek Formation, in Early Carpentarian Cullen Granite. The Carpentarian Edith River Volcanics appear to have pierced the Cullen Granite and Burrell Creek Formation and in places extrusives have flowed out to form a cap over the older units (Figure 3). The Burrell Creek Formation is a member of the Finniss River Group, an assemblage of greywaches and siltstones laid down during the second period of deposition in the Pine Creek Geosyncline. The Burrell Creek Formation consists of siltstones, typically brown, red and yellow in outcrop and fine to medium grained greywaches and minor conglomerate lenses. Tuffs have been identified in the Burrell Creek Formation.

Within the Fergusson River Area, the Burrell Creek Formation forms a 60km² inlier surrounded by the Cullen Granite, with only a narrow neck connecting the inlier to Burrell Creek outcrop to the east (Figure 3). Here the Burrell Creek Formation hosts the Mt Todd Gold Deposit (27 million tonnes @ 1.36g/t Au) and the Driffield Goldfield.



The Cullen Granite is Early Carpentarian and forms a 2,800km² batholith in the centre of the Pine Creek Geosyncline. In the Fergusson River region, the granite is typically a pink and green hornblende biotite rock.

Both the Cullen Granite and Edith River Volcanics have been dated at 1,760 years. The Edith River Volcanics appear to be restricted to the southern portion of the Pine Creek Geosyncline, where they are made up of lavas, pyroclastic rocks and tuffaceous sediments (Walpole et al 1968) with a total thickness in excess of 1,000m. In the Fergusson River Region, the Edith River Volcanic dykes appear to have pierced the Cullen Granite and Burrell Creek Formation and vary from fine grained, hard unweathered basalts to porphyritic trachyandesites and rhyodacites (Sakurai February 1988).

The Cullen Granite and the Edith River Volcanics have not been affected by weathering to the same extent as the Burrell Creek Formation. Within the sediments sulphides have been oxidized to a depth of at least 20m and at the surface the units are typically red-brown reflecting a concentration of iron oxides near surface. Bedding is often difficult to distinguish at the surface at least partially due to weathering. Lower Proterozoic sediments of the Pine Creek Geosyncline have been moderately to tightly folded. It appears the more incompetent strata has been tightly folded with the limbs attenuated and possibly overturned. Adjacent to the granite batholiths there is a general doming of the sediments with decreasing dip angles away from the intrusions. Regional metamorphism of the sediments is generally low grade within the Pine Creek Geosyncline. Within the Fergusson River project area the Woolgni West area seems slightly higher metamorphic grade than the rest of the area.

There are many aspects to the dispositions of gold mineralization in the Pine Creek Geosyncline that warrants consideration.

- Strong stratigraphic control has been suggested, particularly in relation to the South Alligator Group Sediments. Carbonaceous, ferruginous cherts and tuffaceous sediments have all been proposed as the host of syngenetic gold mineralization.
- Epigenetic gold mineralization closely related to quartz veining including saddle reefs and stockwork veining in structurally complex zones has been proposed.
- Gold mineralization is often spacially related to granite batholiths. Although the granites are not the source of the gold mineralization or associated sulphides, they may have had an important role in the ore forming processes of epigenetic gold deposition.
- Gold mineralization has been associated with regional shear zones and with the cores of anticlinal structures.

5. PREVIOUS WORK

5.1 REPORT ON EXPLORATION LICENCES 3199 AND 3200 WOOLGNI GOLD MINE - 9 JULY 1987

In mid 1987 Seventh State Mines NL drilled five diamond holes for a total 263m of drill core.

HOLE NO	CO-ORD- INATES N E	Azm oTRUE	DECLN	DEPTH M	ASSAY SUMMARY g/t Au		
1		250	60	50	No assay	+0.25	
2		360	60	50	20.1	-28.4	3.0
					33.0	-34.1	47.0
3		60	60	50	20	-21.5	1.8
					31	-32	0.71
4		320	60	50	29	-30	17.30
							(1.48)
5		360	60	70	16	-17	1.02
					22.2	-22.4	1.33
					43	-44	0.38

The author of the report M Sakurai stated the gold mineralization was confined to greywache within the Burrell Creek Formation and was of possible epithermal origin.

5.2 "REPORT ON EXPLORATION LICENCES 3199 AND 3200 FOR PERIOD ENDING 22 FEBRUARY 1988"

This report was prepared by M Sakurai and summarizes the results of a rock geochemical survey of the area surrounding the Woolgni Goldfield. A total of 413 rock chip samples were collected and analysed for gold, arsenic, copper and nickel by Analabs. Rock chip samples were collected on a 100 x 100m grid covering an area of approximately 3.7sqk kms.

Nickel Range <5ppm to 75
 Mean 23.3 (assume <5ppm = 2.5ppm)
 SD 14.5

The Edith River Volcanics trachyandesites had a nickel content of 15-25ppm, while the rhyodacites were typically less than 15ppm Ni. The peaks in the gold content did not correspond with elevated nickel values.

<u>Copper</u>	Range <5ppm - 2050ppm
	Mean 47.4 (assuming <5ppm = 2.5ppm)
	SD 130.0

The highest copper analyses did not correspond with anomalous gold values.

The Edith River Volcanics units contain 20ppm or less copper.

<u>Arsenic</u>	Range <1ppm to 950ppm
	Mean 44.6 (assume <1 = 0.5ppm)
	SD 98

The Edith River Volcanics units typically contain less than 10ppm As. There is a good correlation between high arsenic and gold analysis results.

<u>Gold</u>	Range <.008 to 1.01
	Mean .016 (assuming <.008 = .002)
	SD .064

Of the 37 Edith River Volcanics samples assayed the majority were below the level of detection for gold. Two samples assayed 0.025 and 0.017 g/t Au.

Based on the statistical analysis of the Sakurai data and by observing the distribution of the rock chip assays in relation to subsequent drilling results (see later) it was considered analysis results for gold in excess of 0.1g/t Au deserved follow up sampling and arsenic values exceeding

100ppm warranted further evaluation particularly if associated with anomalous gold.

A total of six rock samples were collected for microscopic evaluation. Two samples WG26 and WG56 collected from the south-east of the gridded area were from the Edith River Volcanics. They were described as porphyritic K-feldspar trachyandesites of probable shallow intrusive origin. A third volcanic rock WG351 came from the south-west, and was described as a pyroclastic rock, with a porphyritic texture, possibly originally a welded tuff.

Three samples of Burrell Creek Formation were collected north and west of the Fergusson River. All were described as immature detrital sediments and fine grained greywaches. One sample WG341 was described as a meta (low grade) greywache.

6. EXPLORATION 1988-89

6.1 PLANE TABLE MAPPING

Geonorth was contracted to map the Woolgni workings by plane table. This work was completed in May 1988 and a reproduction of the work is shown in Figure 4A and 4B.

Geonorth as part of this programme made an appraisal of previous drilling by Seventh State Mines NL and formulated a geological model for the gold mineralization. Points raised by Geonorth and worthy of further consideration are:-

- Structure plays an important part in the localising of the gold.
- Most workings of any extent tend to follow the bedding if the workings go below 3m.

- Gold is in small quartz veins.
- Large up to 1.5m quartz veins were worked in an indifferent manner.
- Diamond Drill Hole No. 5 of Seventh State Mines NL did not reach the target zone.

The Geonorth mapping showed Woolgni Goldmine hardrock workings can be divided into two groups of workings, for the sake of convenience called Woolgni West and Woolgni East (Figure 4).

The Woolgni West workings consist of a series of shallow continuous workings in the main exposing a 1-1.5m wide white or milky quartz reef over a strikelength of 300m. Along strike but off set by cross faulting are further shallow workings extending the strikelength of the major milky quartz veining an additional 100m. The quartz reef forms the resistant crest of a ridge, which rises 55m above the Fergusson River flats to the north and west. The quartz reef, from a limited number of samples and judging by the disposition of the old workings, probably carried a grade of 0.1-1 g/t Au. Shallow pits up to 3m deep are mainly on the contact of the milky quartz vein.

The main Woolgni gold production has come from the north-west end of this apparently simple south-west dipping weakly mineralized milky quartz vein system. Here the lode was exploited by two adits 49 (upper) and 28 (lower) m. long. Hand picked ore averaging 3ozs 6dwt was taken from the 1.5m wide lode, which had well defined walls. The adits and stopes have collapsed making inspection of the area difficult.

The Woolgni West lode appears to be a 1.5m wide weakly mineralized milky quartz reef with pods or shoots of high grade gold mineralization. These high grade shoots are probably structurally

controlled and associated with crossfaulting of the lode. The termination of the Woolgni West reef and the associated gold mineralization in the north-west may be the result of crossfaulting displacing the reef to the east.

The apparent south-east termination of Woolgni West lode is disrupted by a series of NNW faults (Figure 4A and 4B). Shallow workings are associated with the quartz veining rather than the channelways created by the crossfaulting.

The Woolgni East workings come within 100m of the Woolgni West lode. They consist of three or possibly four groups of east-west striking workings on north-south ridges separated by steep gullies. The topography probably reflects the underlying cross fault pattern, with the steep gullies coincidental with the faults. The predominantly shallow workings cover a strikelength of 450m with mine development in the E2 group of workings being the most extensive (Figure 4). Here several vertical shafts have been sunk south of the lode to permit development of an apparently south dipping lode structure. Hole No. 2 of the 1987 diamond drilling programme appeared to confirm the south dip of the gold mineralized zone.

An examination of the stoped out sections of the lode confirm that at the surface the Woolgni East lode has a south dip.

Geonorth proposed the following geological model for the gold mineralization at Woolgni:-

"Gold deposits are often found in this type of environment viz: greywacke slate assemblages which have been folded. The structural traps in these marine piles are provided by dilation zones where

the rocks are folded or bent, along bedding planes (bedded veins).

The domal structure around half of which gold has been found can be considered to be the result of folding of the rocks in two directions.

In this regard, the mineralisation mined to date could be considered to be saddle reef type mineralisation.

If the domal structure does really exist, then gold mineralisation could be present right around it - two saddle reefs back to back forming a circle (or more than 1)."

6.2 EXPLORATION GRID

Wayne Parsons of J.C. Mining and Exploration Services was contracted to establish a leveled base line and exploration grid within the Woolgni Mine Area.

The grid was oriented to enable both the Woolgni West and Woolgni East areas to be covered with one grid system. Grid north was orientated at 55° east of True North and the origin was located at 10,000E 5,000N. Both the 10,000E and 5,000N lines were surveyed and marked with permanent metal stakes and permatags. Crosslines were pegged at 50m intervals with pegs every 50m. The leveled survey grid covered the area of mine workings in East and West Woolgni.

6.3 EXCAVATION TRENCHING - WOOLGNI

Excavator trenching was carried out with a Cat 225 size machine. The object was to cut a trench at least 0.5m into the bedrock although in several

locations this was not possible. One of the walls of the trench was cleaned and a channel sample cut in the wall over width from 1-1.5m in areas of probable gold mineralization and 1.5-2m in areas of less potential. Approximately 10-15kgms of samples were collected from each interval. These samples were submitted to AAL's Pine Creek Laboratory for fire assay for gold and AAS assay for arsenic.

WOOLGNI GOLDFIELD

Seventeen trenches were cut in two phases of trenching within the Woolgni Goldfield. The most significant results are summarized in Table 1.

TABLE 1 WOOLGNI GOLDFIELD EXCAVATOR TRENCHING

NO	LENGTH	NO OF SAMPLES	SIGNIFICANT RESULTS
T1	76.06	43	3.5m @ 0.66g/t Au
T2	32.25	18	1.5m @ 0.76g/t Au
T3	58.0	36	3.0m @ 1.79g/t Au 3.0m @ 2.33g/t Au 5.0m @ 0.88g/t Au 1.5m @ 1.02g/t Au
T4	22.5	14	2.0m @ 1.63g/t Au
T5	51.5	24	-
T6	115.2	62	3.1m @ 1.15g/t Au 3.0m @ 1.54g/t Au 1.5m @ 1.30g/t Au 4.0m @ 2.09g/t Au 10.7m @ 4.44g/tAu 4.8m @ 1.22g/t Au
T7	37.6	21	3.0m @ 1.2g/t Au 6.9m @ 1.10g/t Au
T8	120.3	62	8.5m @ 2.04g/t Au 1.7m @ 0.84g/t Au
T9	18.1	12	1.3m @ 3.12g/t Au
T10	37.2	24	4.3m @ 5.18g/t Au
T11	28.8	19	10.9m @ 1.85g/tAu
T12	130.1	17	3.2m @ 0.62g/t Au
T13	54.0	33	1.6m @ 7.0g/t Au
T14	23.0	15	1.5m @ 1.01g/t Au
T15	20.0	11	
T16	66.2	39	-
T17	74.0	43	3.2m @ 1.83g/t Au

A complete set of trenching results with geological logs are included in Appendix 2. The individual assay results are shown on Plans 5 and 6.

The results of the trenching programme were considered significant and showed potential for economic grades and widths of gold mineralization over substantial strike lengths. Consideration was given to closing the trench spacing further, but it was decided to commence reverse circulation drilling to examine the down dip extension of those mineralized zones exposed in the trenching programme.

6.4 DRILLING WOOLGNI GOLDFIELD

A total of 26 reverse circulation holes were drilled in the Woolgni Goldfield area for a total 1,791m of drilling.

The drilling contractor was Gaedons. A 12.5cm diameter hole was drilled and samples were collected every 1m in a cyclone. The drill cuttings were mechanically split to approximately 4kgms and the samples were delivered to AAL Laboratories in Pine Creek for fire assay. This laboratory was chosen because it is the assay laboratory for local major gold mining operations at Pine Creek and Cosmo-Howley. In view of its close relationship with these mines fewer than the usual number of check samples were carried out.

In Table 3 the pulps retrieved from AAL in Pine Creek were re-assayed by Analabs in Darwin. Both laboratories used fire assays for gold. The samples were selected over a range of values and in areas (particularly the low grade samples) results were expected to be higher than originally achieved.

TABLE 3 COMPARATIVE PULP ANALYSIS

PULP NO.	ANALABS - DARWIN			AAL - PINE CREEK
	1.	2.	AVE	
W2018	.292	.21	.25	.23
W2022	.858	.872	.865	.14
W3060	.141	.159	.15	.13
W5026	.644	.547	.595	.71
W7040	.092	.100	.096	.07
W9042	.012	.042	.027	.02
W13023	.108	.109	.109	.18
W16067	.153	.198	.175	.26
W1730	.694	.686	.69	.59
W21005	3.45	2.84	3.15	3.22
W23020	0.021	0.021	0.021	0.05
W29043	0.092	0.088	0.090	0.06
W29045	0.039	0.030	0.034	0.02

With the exception of sample 2022, the rest of the samples assayed by Analabs show good correlation with the original AAL results.

A second group of samples were selected but rather than compare pulps a new 4kgm sample was split from the original sample bag and presented to Analabs for crushing, pulverizing and fire assays.

The types of errors this form of evaluation will highlight are:-

- Any bias introduced in cyclone splitting of representative sample for crushing, pulverization and assay.
- How well the 4kgm split sample represents the bulk of the sample collected.

- Any variation in analysis between the two laboratories used. The results are included in Table 4.

The samples were selected to represent a wide range of assay results amongst as many holes and batches of assay results as possible.

TABLE 4 ASSAY COMPARISONS

SAMPLE NO.	ANALABS AVE (A)	AAL AVE (B)
	Au g/t	Au g/t
2022	.30	.14
2026	.59	.81
2070	.38	.34
3063	1.29	.25
4086	.046	.06
4092	.164	.37
5017	.091	.09
6075	.324	.43
14071	.79	.81
15034	.50	.36
16057	.33	.37
16065	9.60	11.80
16067	.50	.26
1731	.45	.45
1747	.36	.38
18045	.92	1.03
20072	.20	.17
20073	1.22	18.45
23026	.21	.25
24017	.34	.37
29048	.28	.38

Of the four samples with at least one assay in excess of 1g/t Au two produced acceptable results and the results of the other two samples were

questionable (3063 and 20073). This may in part be due to "nugget effect" but more data is required before any meaningful statement can be made on this matter. Additional splitting of duplicate samples from original samples with analysis results in excess of 1g/t Au is recommended for further evaluation.

The drill hole results above 0.5g/t Au cutoff are included in Table 5 below. Complete assay results with geological logs are given in Appendix 4. Figures 11-23 show the drill holes in cross-section.

6.4.1 DRILL RESULTS WOOLGNI WEST

The rocks of the Woolgni West Area appeared to be more indunated, the drilling was slower and the grade of metamorphism was probably slightly higher than Woolgni East.

Section 9900E

Drill hole FR30 as drilled to intersect the mineralization intersected by the 1987 hole DDH3 at depth down dip. The hole intersected 2m @ 1.4g/t Au in the projected position of the mineralized zone from DDH3. The gold mineralization was associated with a pyritic, limonitic milky quartz vein.

Section 9850E

Drill hole FR23 was drilled to intercept the main workings at Woolgni and in the process determine whether there was a halo of lower grade mineralization around the old workings, which reportedly produced in excess of 1ozs/tonne. FR23 did intercept the workings between 21.5-23.3m (1.8m) and there was a halo of mineralization around the stope.

september 1988

TABLE 5

SUMMARY OF REVERSE CIRCULATION DRILLING RESULTS
FERGUSON RIVER PROJECT

A. ZONE A. (cutoff grade 0.5 g/t Au.)

HOLE NO.	COORDINATES		DIRECTION: TRUE	DECL. 'N.	DEPTH: M.	ELEVATION: APPROX. M.	MINERALIZED AU INTERSECT			
	N.	E.					FROM: M.	TO: M.	WIDTH: M.	AVE. Au: gms/t
P.R. 1.	5250	9963	321	50	86		11	12	1	0.96
							68	69	1	0.68
							81	82	1	2.11
P.R. 2.	5250	9982	321	60	92		18	19	1	3.49
							24	26	2	0.94
							44	46	2	0.75
							67	71	4	0.85
							80	82	2	1.58
							90	91	1	0.61
P.R. 3.	5250	10019	321	57	100		9	10	1	0.60
							16	17	1	0.88
							25	26	1	7.03
							48	50	2	1.69
							60	62	2	3.81
							81	83	2	0.62
							87	88	1	0.57
							95	100	5	1.52
P.R. 4.	5250	10043	321	61	121		84	87	3	1.11
							90	95	5	1.12
							98	99	1	3.07
							115	117	2	0.69
P.R. 5	5300	9994	321	67	54		2	3	1	1.10
							15	16	1	0.51
							18	27	9	1.73
							42	43	1	1.12
							47	48	1	0.55
P.R. 6.	5300	10035	321	60	87		10	11	1	0.69
							26	27	1	4.86
							66	67	1	0.73
							73	76	3	0.55
							86	87	1	0.86
P.R. 7.	5350	10035	321	60	54		-	-	-	-
P.R. 8	5350	10066	321	60	75		-	-	-	-
P.R. 9.	5449	10025	321	65	50		-	-	-	-

SUMMARY OF REVERSE CIRCULATION DRILLING RESULTS
FERGUSON RIVER PROJECT

A. ZONE A. (cutoff grade 0.5.g/t Au.)

PAGE.2.

F.R. 10:	5197	10021	321	63	96	48	49	1	0.58
						60	65	5	2.40
						75	76	1	0.64
						81	82	1	0.59
						85	86	1	2.38
						90	91	1	0.55
11:	5350	9969	141	55	65	14	15	1	2.50
						24	28	4	7.82
						47	49	2	1.16
F.R. 13:	5449	10003	321	60	48	23	24	1	2.67
F.R. 14:	5400	9964	141	70	75	31	32	1	2.09
						70	71	1	0.81
F.R. 15:	5201	9965	321	60	63	13	15	2	1.51
						20	21	1	4.79
						32	38	6	1.35
F.R. 16:	5199	9995	321	60	78	28	29	1	0.99
						51	52	1	0.51
						57	68	11	3.95
						71	72	1	1.06
						74	76	2	2.72
17:	5150	9950	321	55	50	28	30	2	0.80
						44	46	2	0.60
F.R. 18:	5150	9982	321	57	78	27	28	1	0.73
						39	45	6	0.85
						57	59	2	1.49
						64	68	4	1.03
						74	78	4	1.09
F.R. 19:	5100	9915	321	60	50	17	19	2	1.22
						22	23	1	1.05
						31	33	2	0.74
						38	39	1	0.52

**SUMMARY OF REVERSE CIRCULATION DRILLING RESULTS
FERGUSON RIVER PROJECT**

A. ZONE A. (cutoff grade 0.5.g/t Au.)

PAGE.3.

F.R. 20:	5099	9940	321	64	74	::	2	4	2	0.58
:	:	:	:	:	:	::	33	34	1	0.96
:	:	:	:	:	:	::	55	57	2	1.35
:	:	:	:	:	:	::	72	74	2	11.17
F.R.21	5050	9875	321	60	60	::	4	5	1	3.22
F.R.29.	5400	9878	141	58	50	::	16	17	1	0.62
:	:	:	:	:	:	::	27	29	2	3.40
:	:	:	:	:	:	::	39	40	1	2.92
:	:	:	:	:	:	::	48	49	1	1.31
:	:	:	:	:	:	::	:	:	:	:

B. ZONE B. (cutoff grade 0.5.g/t Au.)

F.R.23.	4925	9849	51	60	50	::	20	21	1	1.32
:	:	:	:	:	:	::	21	23.3	2.3	STOPE
:	:	:	:	:	:	::	23.3	24	0.7	0.73
:	:	:	:	:	:	::	26	27	1	1.65
F.R.24.	4898	9849	51	60	72	::	15	16	1	1.17
F.R.26.	4900	9801	51	55	50	::	24.8	26.4	1.6	STOPE
.28.	4911	9752	51	50	44	::	-	-	-	-
F.R.30.	4910	9900	51	60	69	::	46	48	2	1.40
:	:	:	:	:	:	::	:	:	:	:
:	:	:	:	:	:	::	:	:	:	:

26 HOLES

1791 METRES

AVERAGE HOLE DEPTH

69 METRES

TOTAL INTERCEPTS > 0.5 G/T Au

152 METRES

AVERAGE GRADE OF TOTAL INTERCEPTS > 0.5 G/T A

1.90 G/T Au.

Hanging wall halo	1.5m @ 0.92g/t Au
Foot wall halo	3.7m @ 0.72g/t Au

If it is assumed the stoped ore averaged 31g/t then the intersection before the high grade material was removed would have been 7m @ 8.5g/t Au. The mineralized zone was in green siltstone and fine grained greywackes with 10-20% quartz veining.

Drill hole FR24 was drilled to intersect the mineralized zone intersected by FR23 down dip. In the projected target zone there was no gold mineralization intersected and there were only several traces of quartz.

Section 9800E

Drill hole FR26 intersected a stope between 24.8-26.4. There was no mineralized halo on the hanging wall and only a weak halo on the foot wall 2.6m @ 0.18g/t Au. Quartz veining in the vicinity of the stope was weak to rare.

Section 9750E

Drill hole FR28 was drilled to intersect the Woolgini West mineralized zone along strike. The hole failed to intersect any mineralization, in fact almost all assays were less than 0.01 (the level of detection).

6.4.2 DRILL RESULTS WOOLGNI EAST

Originally a series of drill holes spaced along drill lines at 50m intervals was planned to test the south dip extension of the surface workings, to a vertical depth of 50m.

Section 5050N

Drill hole FR21 intersected some weakly mineralized greywacke with minor quartz veining between 3-8m. The drill hole passed through a strongly fractured zone between 34-36m which is interpreted as a major shear zone. FR21 was characterized by a lack of quartz veining.

Section 5100N

Drill hole FR19 intersected 2m @ 1.22g/t Au associated with quartz veining down dip from the surface workings. Several other weakly mineralized zones associated with quartz veining were also intersected by this hole.

Drill hole FR20 was drilled to intersect the down dip extension of the FR19 intersection. It intersected 2m @ 1.35g/t Au associated with pyritic quartz veining. Like hole FR19 there were other intervals associated with quartz veining with weak gold mineralization. The hole bottomed in 2m @ 11.17g/t Au.

There was a significant increase in the amount of quartz veining intersected by drilling in Section 5100N, compared with Section 5050N.

Section 5150N

Drill hole FR17 intersected two mineralized zones 3m @ 0.68 (28-31) and 2m @ 0.60 (44-46) both zones associated with ferruginous quartz veining. Drill hole FR18 was drilled to follow up the values intersected by FR17. Although the grades intersected in FR18 were marginal there was a substantial increase in the number, width and grade compared with FR17.

eg.	39-45	6m @ 0.85
	57-59	2m @ 1.49
	64-68	4m @ 1.03
	74-78	4m @ 1.09

If this trend were to continue with depth a significantly reserve tonnage could be indicated.

Section 5200N

This was the most successful drill section in the programme. The ferruginous quartz veined mineralized zone in Trench T8 (5m @ 2.3g/t Au) was intercepted in drill hole FR15 (5m @ 1.7), FR16 (11m @ 3.95) and FR10 (2m @ 1.24). In all holes the mineralization was associated with quartz veining. There were several other intervals of significant mineralization intersected by the drill holes, FR15 2m @ 1.51 and 1m @ 4.8, FR16 2m @ 2.72 and FR10 5m @ 2.4. The main quartz veined gold mineralized zone dips at an apparent angle of 45° to the south. There is a possibility of a south-west plunging high grade shoot within this mineralized zone, with 1987 diamond drill hole No. 2 intersecting 8.3m @ 3.0g/t Au up plunge from the FR16 intersection. This could be determined with an additional drill hole on Section 5150N.

Section 5250N

Drill holes (FR1 (0-14), FR2 (12-13), FR3 (55-69) and to a lesser degree FR4 (90-101) intersected a zone of quartz veining with associated relatively weak and spordic gold mineralization. This zone of quartz veining has an apparent dip of 60° south. The steepening of the apparent dip from Section 5200N reflects a change of strike of the mineralized zone rather than a steepening of the actual dip.

The results of drilling on this section were disappointing particularly as it was so close to the 1987 diamond drill hole No. 2 which intersected 8.3m @ 3.0g/t Au. This probably reflects the spodic nature of the gold mineralization. In addition to gold mineralization associated with the main quartz vein described above, there were a number of other zones of gold mineralization, mostly associated with quartz veining intersected by the holes on Section 5250N. The relationship between quartz veining and gold mineralization on this section is not surprising. For example in hole FR2 more than 90% of all samples contained quartz.

Section 5300

Drill hole FR5 is similar to FR2 in the previous section with more than 90% of samples collected from the drill hole containing quartz. The initial 8m of quartz veining was poorly mineralized (7-15m ave 0.10g/t Au). However from 16-50m the hole strongly quartz veined and averaged 0.67g/t Au, within this interval there was a 9m interval 18-28m averaging 1.7g/t Au.

Drill hole FR6 intersected substantial quartz veining from 65-87m, but the apparent intensity of the quartz veining and the gold mineralization (Ave 0.36g/t Au) was less than in FR5. Also there was no sample intervals in this section in excess of 1gm/t Au.

The apparent dip of the quartz-gold mineralized zone is 60°5. or approximately the same as section 5250N.

Section 5350N

Drill holes FR7 and FR8 were drilled to intersect a mineralized zone dipping at approximately 60°S. Drill hole FR7 was expected to intersect extensive quartz veining (cf. FR2 and FR5). However only 7.7% samples contained more than 10% quartz. Gold grades in FR7 and FR8 were very low, and clearly there had been a major shift in the pattern of both quartz and gold mineralization established and apparently consistent on sections 5200N, 5250N and 5300N. Consequently it was decided to drill hole FR11 to test for a reversal of dip of the quartz veining and gold mineralization. FR11 intersected substantially more quartz than FR7 (62% of samples contained quartz and approximately 30% of samples contained more than 10% quartz).

FR11 also intersected a number of gold mineralized quartz veins 14-15, 2.5g/tAu; 24-26, 15.1g/t Au; 47-49, 1.16g/tAu.

Between section 5300N and 5350N there has been a significant change in the attitude of the quartz veining and gold mineralized zones, and while the results are not conclusive there is evidence of a reversal in the dip direction of both these elements.

Section 5400N

Drill hole FR9 failed to intersect substantial gold mineralization and only a weak quartz veined interval 37-46. This hole was drilled down dip from some old stopes, which at the surface clearly dip 45°S. If the mineralization associated with these stopes had continued its dip FR9 would have made an intercept of the mineralization at 18-20m.

Drill holes FR29 and FR14 were drilled to test for a steepening or possible reversal of dip of the mineralized quartz veins. Drill hole 29 intersected three intervals with more than 10% Qtz, 27-28, 4.38g/t Au; 39-40 2.92g/t Au; and 42-45 0.04g/t Au. Fr14 intersected a few individual quartz veins, but there was no pattern emerging that permitted correlation between drill holes FR9, FR29 and FR14. In view of the way in which the mineralization came to an abrupt halt in the east of the main stoped area near section 5400N the possibility that at least one of these holes was drilled into a crossfault should not be overlooked.

Section 5450N

This was the most northern section drilled during the 1988 percussion drilling programme. FR13 intersected one zone of strong quartz veining 20-24m, which included 23-24m at 2.67g/t Au. The position of this quartz vein and gold mineralization is consistent with a zone dipping at 55°S, the type of pattern of quartz veining and gold mineralization developed between sections 5200-5300N.

7. CONCLUSION

During the 12 month period ending March 1989 approximately \$297,000 was spent on the exploration of the MCN 1737-1755 area within EL 3199 and EL 3200.

The drilling and trenching in the Woolgni Goldfield intersected gold mineralization of economic significance but as yet no economically viable resource has been demonstrated.

The data is being analysed from the 1988 programme to identify areas, with potential to substantially increase the project's gold resources.

APPENDIX 1

LOG CODES

COLOUR

r	red
b	brown
y	yellow
gn	green
gy	grey
pk	pink
bl	blue
wh	white
blk	black
ppl	purple

QUALIFIERS

lt.	light/pale	mott	mottled
ptly	partly	bx	boxwork
tr	trace	fr	friable
min	minor	cl	clear
dk	dark	* shr(sh)	sheared
fe	ferruginous	weath	weathered
mlky	milky	alter(alt)	altered
fract(frac)	fractured		
comm	common		
st	stained		

ROCK TYPES & MINERALS

gwe	greywache
s/st.	siltstone
sh	shale
aspy	arsenopyrite
py	pyrite
lim	limonite
cly	clay
silic(slic)	silicious
q,qtz.	quartz
sulph	sulphide
goeth	goethite

GRAINSIZE

f-g	fine grained
m-g	medium grained
c-g	coarse grained

GENERAL

jts	joints
vnlets(vlets)	veinlets
+-	with or without

MINING MANAGEMENT SERVICES PTY LTD
PROJECT WOOLGHI GOLD PROJECT
TRENCH NO.11

COORDINATE:		LOCATION		ASSAY		LITHOLOGY													
NORTH EAST:		FROM	TO	WIDTH:	NO.	Au g/t:As ppm:	COLOR	H/NES:	JOINTING:	LIN/GOETH:	QTZ	MICRO/VNS:	ROCK	COMMENTS					
		0.00	1.50	1.50	8531	0.08	1740	:	PPL:MOD	MASSIVE	WEAK	:	SHALE						
		1.50	3.00	1.50	8530	0.03	1590	:	WHT:PPL:SOFT	FLISSILE	WEAK	:	SHALE						
		3.00	4.25	1.25	8529	0.04	1520	:	GRY:PPL:SOFT	MASSIVE	WEAK	:	SHALE						
		4.25	6.00	1.75	8528	0.12	1530	:	PPL:HARD	JOINTED	ST/GOSS	MINOR	COMMON	GREYWACHE:	joint 025/64w				
		6.00	7.50	1.50	8527	0.12	1370	:	PPL:HARD	MASSIVE	MODERATE	:	COMMON	GREYWACHE:					
		7.50	8.75	1.25	8526	0.11	1470	:	PPL:MOD	MASSIVE	MODERATE	:	COMMON	GREYWACHE:					
		8.75	10.51	1.76	8525	0.03	1180	PLE:	PPL:HARD	MASSIVE	MODERATE	:	COMMON	SHALE					
		10.51	12.01	1.50	8501	0.02	450	PLE:	PPL:HARD	MASSIVE	MODERATE	:	COMMON	GREYWACHE:					
		12.01	13.26	1.25	8502	0.02	760	:	PPL:HARD	NODULAR	MODERATE	:	COMMON	GREYWACHE:					
		13.26	14.26	1.00	8503	0.01	1150	:	PPL:SOFT	NODULAR	MODERATE	:	COMMON	GREYWACHE:	joint 165/90 090/40w				
		14.26	15.76	1.50	8504	0.19	1450	MOT:WHT:R/B:	HARD	SHEARED	MODERATE	MKY 10CM:	COMMON	GREYWACHE:					
		15.76	16.76	1.00	8505	0.11	0	:	GRY:PPL:SOFT	MASSIVE	WEAK	:	GREYWACHE:						
		16.76	18.26	1.50	8506	0.05	580	MOT:GRY:PPL:	HARD	MASSIVE	WEAK	:	MODERATE	GREYWACHE:					
		18.26	19.76	1.50	8507	0.51	610	MOT:GRY:PPL:	MOD	MASSIVE	WEAK	:	MODERATE	GREYWACHE:	joint 080/75s 170/85w				
		19.76	21.76	2.00	8508	0.77	700	MOT:GRY:PPL:	MOD	MASSIVE	WEAK	:	MODERATE	SHALE					
		21.76	23.26	1.50	8509	0.01	470	MOT:GRY:PPL:	MOD	MASSIVE	WEAK	:	MODERATE	SHALE	joint 095/54s 016/78w				
		23.26	25.26	2.00	8510	0.08	340	MOT:GRY:PPL:	MOD	MASSIVE	WEAK	:	MODERATE	SHALE					
		25.26	32.76	7.50	ROAD	:	:	:	:	:	:	:	SHALE						
		32.76	34.26	1.50	8511	0.01	340	:	WHT:R/B:SOFT	JOINTED	MODERATE	:	SHALE						
		34.26	35.51	1.25	8512	0.05	180	:	WHT:R/B:MOD	JOINTED	WEAK	:	SHALE						
		35.51	36.76	1.25	8513	0.02	120	:	PPL:MOD	MASSIVE	WEAK	:	STRONG	SHALE					
		36.76	38.26	1.50	8514	0.04	270	:	PPL:MOD	MASSIVE	WEAK	:	SHALE	bed? 260/62s					
		38.26	39.76	1.50	8515	0.02	590	:	PPL:HARD	MASSIVE	MODERATE	:	SILTSTONE:						
		39.76	41.01	1.25	8516	0.16	490	MOT:WHT:R/B:	SOFT	MODERATE	:	CLAY							
		41.01	42.51	1.50	8517	0.01	400	:	WHT:ERN:MOD	MASSIVE	MODERATE	:	SHALE	bed 062/57s jt.165/85w:					
		42.51	44.26	1.75	8518	0.03	340	:	WHT:ERN:MOD	MASSIVE	MODERATE	:	SHALE						
		44.26	45.51	1.25	8519	0.15	560	:	WHT:ERN:MOD	MASSIVE	MODERATE	:	SHALE	joint172/70w					
		45.51	46.76	1.25	8520	0.04	520	PLE:GRY:R/B:	SOFT	FRIABLE	WEAK	:	SHALE						
		46.76	48.26	1.50	8521	0.05	600	PLE:GRY:R/B:	SOFT	FRIABLE	WEAK	:	SHALE						
		48.26	49.76	1.50	8522	0.01	430	:	PPL:SOFT	JOINTED	WEAK	12CM	SHALE						
		49.76	51.26	1.50	8523	0.03	240	:	PPL:SOFT	JOINTED	WEAK	:	SHALE						
		51.26	53.26	2.00	8524	0.05	470	:	PPL:SOFT	JOINTED	WEAK	:	SHALE	bed? 060/60s					
		53.26	58.26	5.00	BREAK:	:	:	:	:	:	:	:	:						
		58.26	59.76	1.50	8624	LT.01	21	:	R/B:MOD	MASSIVE	WEAK	MINOR	MODERATE	SILTSTONE:					
		59.76	61.26	1.50	8625	LT.01	23	:	R/B:PPL:MOD	MASSIVE	WEAK	MINOR	MODERATE	SILTSTONE:					
		61.26	62.76	1.50	8626	0.56	220	:	GRY:MOD	MASSIVE	MODERATE	:	MODERATE	SILTSTONE:					
		62.76	64.26	1.50	8627	0.05	250	PLE:	GRY:HARD	MASSIVE	MODERATE	:	MODERATE	SILTSTONE:					
		64.26	65.76	1.50	8628	0.01	53	PLE:	GRY:MOD	JOINTED	MODERATE	:	MODERATE	SILTSTONE:	cl.070/85s				
		65.76	67.26	1.50	8629	LT.01	77	PLE:	GRY:MOD	JOINTED	MODERATE	:	STRONG	SILTSTONE:					
		67.26	68.86	1.60	8630	0.01	73	PLE:	GRY:MOD	JOINTED	STRONG	:	MODERATE	SILTSTONE:					
		68.86	70.76	1.90	8631	0.15	1820	:	PPL:MOD	JOINTED	MODERATE	:	MODERATE	SILTSTONE:					
		70.76	71.76	1.00	8632	0.31	2000	:	PPL:MOD	JOINTED	MODERATE	:	MODERATE	SILTSTONE:					
		71.76	72.86	1.10	8633	0.18	400	:	WHT:HARD	MASSIVE	MODERATE	MKY 1.1M:	MODERATE	QUARTZ	qtz 060/70s				
		72.86	74.56	1.70	8634	0.34	1710	:	PPL:GRY:MOD	JOINTED	MODERATE	:	MODERATE	SHALE					
		74.56	76.06	1.50	8635	0.15	870	:	PPL:GRY:MOD	JOINTED	MODERATE	:	MODERATE	SHALE					

SUMMARY OF SIGNIFICANT RESULTS

FROM TO	WIDTH	Au g/t
18.26 21.76	3.50	0.66
61.26 62.76	1.50	0.56

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO.12

COORDINATE:	LOCATION		ASSAY		LITHOLOGY								
NORTH EAST:	FROM	TO	WIDTH:	NO.	Au g/t:As ppm:	COLOR	HARDNESS:	JOINTING	LIM/GOETH:	QTZ	MICRO/VNS:	ROCK	COMMENTS
	0.00	1.25	1.25	8532	0.11	720	PLE:GRY:PPL:	SOFT	FRACTURED	WEAK			S/STONE:altered
	1.25	3.00	1.75	8533	0.09	620		R/B:HARD	MASSIVE	WEAK	1mm veinlets:Fe/Q	SHALE	
	3.00	4.75	1.75	8534	0.21	1640		R/B:HARD	MASSIVE	WEAK	1mm veinlets:Fe/Q	SHALE	
	4.75	6.25	1.50	8535	0.13	1020		R/B:SOFT	MASSIVE	WEAK	milky	SHALE	
	6.25	7.75	1.50	8536	0.37	530		WHT:HARD	JOINTED	WEAK	Fe	QUARTZ	qtz. 150/w 90 e 50w
	7.75	9.15	1.40	8537	0.18	110	GRY:PPL:	MODERATE:	BRECCIATED:	WEAK	5m Fe/q vn.:Fe/q	SHALE	
	9.15	9.65	0.50	8538	0.10	1080	GRY:PPL:	MODERATE:	JOINTED	MODERATE		S/STONE:	31.9-32.4 qtz. 125/90
	9.65	11.25	1.60	8539	0.02	330	GRY:PPL:	MODERATE:	FRACTURED	WEAK		S/STONE:	altered
	11.25	12.75	1.50	8540	0.76	390	MOT:GRY:PPL:	MODERATE:	JOINTED	WEAK		S/STONE:	joints 285/67 n: 030/90
	12.75	14.25	1.50	8541	0.02	110	PLE:R/B:PPL:	SOFT	JOINTED	MODERATE		S/STONE:	
	14.25	16.25	2.00	8542	0.01	120	WHT:PPL:	MODERATE:	JOINTED	MODERATE		S/STONE:	bed 295/66w:joint 030/90
	16.25	21.25	5.00	ROAD									
	21.25	23.25	2.00	8543	0.07	130	PLE:R/B:PPL:	SOFT	MODULAR	WEAK		S/STONE:	rubbly nodular s/stone
	23.25	24.75	1.50	8544	0.07	430		PPL:MODERATE:	JOINTED	WEAK		SHALE	joint 030/85n
	24.75	26.00	1.25	8545	0.04	150		R/B:MODERATE:	FRACTURED	MODERATE		S/STONE:	
	26.00	27.25	1.25	8546	0.05	70		R/B:MODERATE:	FRACTURED	MODERATE		S/STONE:	joint 045/62n
	27.25	28.75	1.50	8547	0.06	400	PLE:GRN:PPL:	SOFT	JOINTED	MODERATE		S/STONE:	
	28.75	30.75	2.00	8548	0.04	450	PLE:GRN:PPL:	SOFT	JOINTED	MODERATE		S/STONE:	
	30.75	32.25	1.50	8549	0.03	400	PLE:	GRY:MODERATE:	JOINTED	WEAK	10mm vein	qtz	S/STONE:

SUMMARY OF SIGNIFICANT RESULTS

FROM TO WIDTH Au G/T
11.25 12.75 1.50 0.76

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO.T3

::COORDINATE:		LOCATION		ASSAY		LITROLOGY									
::NORTH EAST:		FROM	TO	WIDTH:	NO.	Au g/t:As ppm:	COLOUR	HARDNESS:	JOINTING:	LIM/GOETH:	QTZ	MICRO/VMS:	ROCK	COMMENTS	
		0.00	1.70	1.70	8550	0.03	310	:	PPL:MODERATE	JOINTED	MODERATE	:	:	GREYWACHE::calc	
		1.70	3.00	1.30	8551	0.04	360	:	PPL:MODERATE	JOINTED	MODERATE	:	:	GREYWACHE::joint 044/66s	
		3.00	4.70	1.70	8552	0.12	270	MOTT:GRY:PPL:MODERATE	MASSIVE	STRONG	:	:	:	GREYWACHE::Fe lenzes & pods	
		4.70	6.20	1.50	8553	0.07	210	PLE WHT:PPL:SOFT	FISSILE	WEAK	:	:	:	SHALE	
		6.20	7.80	1.60	8554	0.02	66	PLE WHT:PPL:SOFT	FISSILE	WEAK	:	:	:	SHALE	
		7.80	9.50	1.70	8555	0.39	380	PLE WHT:PPL:SOFT	FISSILE	WEAK	:	:	:	SHALE	
		9.50	11.00	1.50	8556	0.31	76	GRN:PPL:MODERATE	MASSIVE	MODERATE	:	1mm Fe	:	GREYWACHE::	
		11.00	12.70	1.70	8557	0.04	70	:	PPL:MODERATE	MASSIVE	MODERATE	:	1mm Fe	:	GREYWACHE::
		12.70	14.20	1.50	8558	0.04	260	:	PPL:MODERATE	MASSIVE	MODERATE	:	1mm Fe	:	GREYWACHE::
		14.20	16.00	1.80	8559	<.01	53	:	PPL:MODERATE	FISSILE	WEAK	:	:	:	S/STONE
		16.00	17.50	1.50	8560	<.01	75	:	PPL:MODERATE	FISSILE	WEAK	:	:	:	S/STONE
		17.50	19.00	1.50	8561	<.01	260	:	PPL:MODERATE	FISSILE	WEAK	:	:	:	S/STONE
		19.00	21.00	2.00	8562	0.01	170	:	PPL:MODERATE	FISSILE	WEAK	:	:	:	S/STONE
		21.00	22.70	1.70	8563	0.01	190	:	PPL:MODERATE	FISSILE	WEAK	:	:	:	S/STONE
		22.70	24.30	1.60	8564	0.12	60	:	PPL:MODERATE	FISSILE	WEAK	:	:	:	S/STONE
		24.30	26.00	1.70	8565	0.02	160	:	PPL:HARD	MASSIVE	MODERATE	:	1mm Fe	:	GREYWACHE::
		26.00	27.50	1.50	8566	0.73	74	MOTT:GRY:ERN:MODERATE	JOINTED	WEAK	:	:	:	SHALE	
		27.50	29.00	1.50	8567	0.03	61	MOTT:GRY:ERN:HARD	MASSIVE	WEAK	:	:	:	SHALE	
		29.00	30.20	1.20	8568	3.52	57	MOTT:GRY:ERN:MODERATE	FISSILE	WEAK	:	:	:	SHALE	
		30.20	32.00	1.80	8569	0.63	62	GRY:GRN:MODERATE	JOINTED	WEAK	:	:	:	S/STONE	
		32.00	33.50	1.50	8570	0.02	130	:	PPL:MODERATE	FISSILE	WEAK	:	:	:	SHALE
		33.50	35.00	1.50	8571	0.17	130	:	PPL:MODERATE	FISSILE	WEAK	:	:	:	SHALE
		35.00	36.50	1.50	8572	0.07	47	:	PPL:MODERATE	FISSILE	WEAK	:	:	:	SHALE
		36.50	38.00	1.50	8573	0.05	77	PLE PHK:PPL:MODERATE	FISSILE	WEAK	:	:	:	SHALE	
		38.00	39.50	1.50	8574	3.49	140	:	PPL:MODERATE	FISSILE	MODERATE	:	1mm Fe	:	SHALE
		39.50	41.00	1.50	8575	1.16	250	:	PPL:MODERATE	FISSILE	MODERATE	:	1mm Fe	:	SHALE
		41.00	42.50	1.50	8576	0.28	190	:	PPL:MODERATE	FISSILE	MODERATE	:	1mm Fe	:	SHALE
		42.50	44.00	1.50	8577	0.26	250	:	PPL:MODERATE	FISSILE	MODERATE	3M vein: 1mm Fe	:	:	SHALE
		44.00	45.80	1.80	8578	0.57	180	:	PPL:MODERATE	JOINTED	STRONG	:	1mm Fe	:	SHALE
		45.80	47.80	2.00	workings--										
		47.80	49.00	1.20	8579	1.38	130	:	PPL:SOFT	MASSIVE	STRONG	:	2mm Fe	:	GREYWACHE::
		49.00	50.50	1.50	8580	0.02	42	:	PPL:SOFT	FISSILE	MODERATE	:	2mm Fe	:	SHALE
		50.50	52.00	1.50	8581	0.22	50	:	PPL:SOFT	FISSILE	MODERATE	:	2mm Fe	:	SHALE
		52.00	53.50	1.50	8582	0.19	50	:	PPL:SOFT	FISSILE	MODERATE	:	2mm Fe	:	SHALE
		53.50	55.00	1.50	8583	0.17	110	:	PPL:SOFT	FISSILE	MODERATE	:	2mm Fe	:	SHALE
		55.00	56.50	1.50	8584	1.91	68	:	PPL:SOFT	FISSILE	MODERATE	:	2mm Fe	:	SHALE
		56.50	58.00	1.50	8585	0.05	35	:	PPL:SOFT	FISSILE	MODERATE	:	2mm Fe	:	SHALE
															dump cont. ?

SUMMARY OF SIGNIFICANT RESULTS

FROM	TO	WIDTH	Au g/t	
26.00	32.00	6.00	1.08	
inc29.00	32.00	3.00	1.79	
38.00	49.00	11.0	1.16	::also includes workings not sampled
inc38.00	41.00	3.00	2.82	
55.00	56.50	1.50	1.92	

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO.T4

COORDINATE:		LOCATION		ASSAY		LITHOLOGY													
NORTH EAST:		FROM	TO	WIDTH:	NO.	Au g/t:As ppm:	COLOUR	HARDNESS:	JOINTING:	LIM/GOETH:	QTZ	MICRO/VNS	ROCK	COMMENTS					
		0.00	1.50	1.50	8586	1t.01	30	PLE:GRN:PPL:	MODERATE:	FISSILE	WEAK		SHALE						
		1.50	2.70	1.20	8587	1t.01	43	PLE:GRN:PPL:	MODERATE:	FISSILE	WEAK		SHALE	cleav. 160/50W					
		2.70	4.10	1.40	8588	0.01	40	PPL:	MODERATE:	MASSIVE	WEAK		GREYWACHE:						
		4.10	5.40	1.30	8589	0.02	44	BRN:PPL:	HARD	FISSILE/	WEAK		SHALE						
		5.40	6.50	1.10	8590	0.04	45	BRN:PPL:	MODERATE:	JOINTED	WEAK		SHALE						
		6.50	7.50	1.00	8591	0.06	72	BRN:PPL:	MODERATE:	SHEARED	MODERATE	2m /Fe:	Fe/q	SHALE	Fe/qtz 140/57w				
		7.50	9.00	1.50	8592	0.01	68	PPL:	MODERATE:	SHEARED	STRONG	Fe veinlet:	GREYWACHE:						
		9.00	11.00	2.00	8593	1t.01	50	PPL:	MODERATE:	FISSILE	WEAK		SHALE						
		11.00	12.50	1.50	8594	0.01	40	GRN:PPL:	MODERATE:	FISSILE	WEAK		SHALE						
		12.50	14.50	2.00	8595	0.21	57	GRN:PPL:	MODERATE:	FISSILE	WEAK		SHALE						
		14.50	16.50	2.00	8596	1.63	35	GRN:PPL:	MODERATE:	FISSILE	WEAK		SHALE						
		16.50	18.50	2.00	8597	0.04	37	GRN:PPL:	MODERATE:	FISSILE	WEAK		SHALE						
		18.50	20.50	2.00	8598	0.02	20	GRN:PPL:	MODERATE:	FISSILE	WEAK		SHALE						
		20.50	22.50	2.00	8599	0.01	44	GRN:PPL:	MODERATE:	FISSILE	WEAK		SHALE						

SUMMARY OF SIGNIFICANT RESULTS

FROM TO :WIDTH: Au g/t :
14.50 16.50 :2.00 : 1.63 :

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO.75

::COORDINATE:		LOCATION		ASSAY		LITHOLOGY															
::NORTH EAST:		FROM	TO	WIDTH:	NO.	Au g/t:	As ppm:	COLOUR	HARDNESS:	JOINTING	LIM/GOETH:	QTZ:	MICRO/VNS:	ROCK							COMMENTS
		0.00	1.50	1.50	8600	LT.01	29	GRY:PPL	MODERATE	FRACTURED	WEAK			S/STONE							
		1.50	3.00	1.50	8601	LT.01	26	GRY:PPL	MODERATE	FRACTURED	WEAK			S/STONE							
		3.00	4.50	1.50	8602	LT.01	13	BRN:PPL	MODERATE	MASSIVE	WEAK			S/STONE							
		4.50	6.00	1.50	8603	LT.01	11	BRN:PPL	MODERATE	MASSIVE	WEAK			S/STONE							
		6.00	7.50	1.50	8604	LT.01	44	BRN:PPL	MODERATE	MASSIVE	WEAK			S/STONE							mic. haem.
		7.50	9.00	1.50	8605	LT.01	10	BRN:PPL	MODERATE	MASSIVE	WEAK			S/STONE							
		9.00	10.50	1.50	8606	LT.01	10	BRN:PPL	MODERATE	MASSIVE	WEAK			S/STONE							
		10.50	12.00	1.50	8607	LT.01	12	BRN:PPL	MODERATE	MASSIVE	MODERATE			S/STONE							
		12.00	13.50	1.50	8608	LT.01	20	PPL	MODERATE	FRACTURED	WEAK			SHALE							cleav. 145/30w:
		13.50	24.50	11.0	ROAD	-----															jts 025 65s
		24.50	26.50	2.00	8609	LT.01	76	PPL:GRN	MODERATE	JOINTED	MODERATE			SHALE							
		26.50	28.00	1.50	8610	0.35	31	PPL:GRN	MODERATE	JOINTED	MODERATE			SHALE							
		28.00	29.50	1.50	8611	0.22	57	PPL:GRN	MODERATE	JOINTED	MODERATE			SHALE							
		29.50	31.00	1.50	8612	0.30	44	PLE	GRY	MODERATE	MASSIVE	MODERATE		SHALE							
		31.00	33.50	2.50	8613	0.05	57	PLE	GRY	MODERATE	MASSIVE	MODERATE		SHALE							
		TRENCH PART B																			
		0.00	2.00	2.00	8614	LT.01	33	GRN	SOFT	JOINTED	MODERATE			SHALE							
		2.00	3.75	1.75	8615	LT.01	16	GRN	SOFT	JOINTED	MODERATE			SHALE							
		3.75	5.50	1.75	8616	LT.01	28	GRN	SOFT	JOINTED	MODERATE			SHALE							
		5.50	7.00	1.50	8617	LT.01	27	BRN:PPL	SOFT	JOINTED	STRONG		Fe vlets	SHALE							6.75-7 Fe rich
		7.00	8.50	1.50	8618	LT.01	16	PLE	GRN	MODERATE	JOINTED	WEAK		SHALE/GREYWACHE:							
		8.50	10.00	1.50	8619	LT.01	17	PLE	GRN	MODERATE	JOINTED	WEAK		SHALE/GREYWACHE:							
		10.00	12.00	2.00	8620	LT.01	23	PLE	GRN	MODERATE	FRACTURED	WEAK		SHALE/GREYWACHE:							
		12.00	14.00	2.00	8621	0.03	24	PLE	GRN	MODERATE	FRACTURED	WEAK		SHALE/GREYWACHE:							
		14.00	16.00	2.00	8622	0.07	27	PLE	GRN	MODERATE	FRACTURED	WEAK		SHALE/GREYWACHE:							
		16.00	18.00	2.00	8623	LT.01	49	PLE	GRN	MODERATE	JOINTED	WEAK		SHALE/GREYWACHE:							joint 035/90

MINING MANAGEMENT SERVICES PTY LTD
PROJECT WOOLGINI GOLD PROJECT
TRENCH NO.76

[illegible]

PROJECT WOOLGNI GOLD PROJECT
TRENCH NO.T6 (CONTINUED)

::COORDINATE:		LOCATION		ASSAY		LITHOLOGY								
::NORTH EAST:FROM		TO	WIDTH	NO.	Au g/t:As ppm:	COLOUR	HARDNESS	JOINTING	LIM/GOETH	QTZ	MICRO/VNS	ROCK	COMMENTS	
		81.00	82.50	1.50	8683	0.32	1380	PPL:soft	fractured	moderate	veinlets	Fe	S/STONE	
		82.50	90.00	7.50	ROAD	-----								
		90.00	91.50	1.50	8684	0.22	1260	R/B:PPL:moderate	jointed	weak		Fe	SHALE	joint 170/75w
		91.50	93.00	1.50	8685	0.52	1290	R/B:PPL:moderate	jointed	weak		Fe	SHALE	bed? 005/70w
		93.00	94.50	1.50	8686	0.37	990	R/B:PPL:moderate	jointed	weak			SHALE	
		94.50	96.20	1.70	8687	0.39	1080	R/B:PPL:moderate	cleaved	weak			SHALE	
		96.20	96.70	0.50	WORKINGS	-----								
		96.70	98.00	1.30	8688	1.31	1220	PPL:moderate	sheared	strong		boxwork	GREYWACHE	h.w. 070 42s
		98.00	99.50	1.50	8689	1.00	1130	PPL:moderate	fractured	strong		Fe	GREYWACHE	
		99.50	101.00	1.50	8690	1.38	1030	GRY:PPL:moderate	fractured	strong		Fe	GREYWACHE	
		101.00	102.50	1.50	1116	0.15		GRY:PPL:moderate	fractured	strong		Fe	S/STONE	
		102.50	103.80	1.30	1117	0.26		GRY:PPL:moderate	fractured	strong		Fe	S/STONE	
		103.80	107.00	3.20	1118	0.03		GRY:PPL:hard	massive	strong		Fe	S/STONE	
		107.00	110.00	3.00	1119	0.12		GRY:PPL:hard	massive	moderate		Fe	S/STONE	
		110.00	112.00	2.00	1120	0.11		GRY:PPL:hard	massive	moderate		Fe	S/STONE	
		112.00	113.80	1.80	1121	1.20		GRY:PPL:hard	massive	moderate		Fe	S/STONE	
		113.80	115.20	1.40	1122	0.11		GRY:PPL:hard	massive	moderate		Fe	S/STONE	

SUMMARY OF SIGNIFICANT RESULTS

	FROM	TO	WIDTH	Au g/t	
	0.00	115.20	115.2	0.86	
inc	3.60	6.70	3.10	1.15	
inc	9.50	11.00	1.50	0.52	
inc	20.50	23.50	3.00	1.54	
inc	26.50	28.00	1.50	1.30	
inc	37.50	41.50	4.00	2.09	
inc	57.50	59.50	2.00	0.52	
inc	61.00	73.50	12.50	3.76	*includes workings not sampled
inc	76.50	78.00	1.50	0.59	
inc	96.20	101.00	4.80	1.23	
inc	112.00	113.80	1.80	1.20	

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO.17

::COORDINATE:		LOCATION		ASSAY		LITHOLOGY															
::NORTH EAST:		FROM	TO	WIDTH:	NO.:	Au g/t:	As ppm:	COLOUR	::HARDNESS:	::JOINTING	::LIM/GOETH:	QTZ	::MICRO/VNS	::ROCK	::COMMENTS						
		0.00	1.50	1.50	8700	0.24	760	PLE:	GRY:	moderate:	fractured:	weak			S/STONE	joint 030/90					
		1.50	3.00	1.50	8701	0.11	1040	PLE:	GRY:	moderate:	fractured:	weak			S/STONE	cleav.025/30					
		3.00	4.50	1.50	8702	0.10	640	PLE:	GRY:	moderate:	fractured:	moderate	Fe		S/STONE						
		4.50	6.00	1.50	8703	0.09	870	PLE:	GRY:	moderate:		moderate	Fe		S/STONE						
		6.00	7.30	1.30	8704	0.11	610		PPL:	moderate:	fractured:	strong	Fe/Mn		S/STONE						
		7.30	8.70	1.40	8705	0.12	750		GRY:	hard	massive	moderate			S/STONE						
		8.70	10.00	1.30	8706	0.15	960		GRY:	hard	massive	moderate			S/STONE						
		10.00	12.00	2.00	8707	0.42	510	PLE:	GRY:	moderate:		strong	Fe		S/STONE						
		12.00	13.50	1.50	8708	1.67	630	PLE:	GRY:	moderate:		strong	Fe/qtz	Fe/q	S/STONE	boxwork					
		13.50	15.00	1.50	8709	0.73	1120	PLE:	GRY:	moderate:		strong	Fe/q	Fe/q	S/STONE	boxwork					
		15.00	16.10	1.10	8710	0.49	1380	PLE:	GRY:	moderate:		strong	Fe/q	Fe	S/STONE						
		16.10	17.60	1.50	8711	0.84	1190	PLE:	GRY:	moderate:		moderate			S/STONE	joint 010/63w					
		17.60	19.40	1.80	8712	0.15	1020	PLE:	GRY:	moderate:	jointed	moderate			S/STONE						
		19.40	21.30	1.90	8713	0.28	1250	PLE:	GRY:	moderate:	jointed	moderate			GREYWACHE:						
		21.30	23.20	1.90	8714	1.17	730	PLE:	GRY:	moderate:	jointed	moderate	vein		GREYWACHE:	qtz/Fe vein 042/78s:					
		23.20	25.00	1.80	8715	0.85	1180	PLE:	GRY:	moderate:		moderate			S/STONE						
		25.00	26.40	1.40	8716	1.23	780	PLE:	GRY:	moderate:		moderate			S/STONE						
		26.40	28.20	1.80	8717	1.18	1370	PLE:	GRY:	moderate:		moderate	4m q vein:		S/STONE	46-46.4 qtz vein					
		28.20	33.60	5.40	BREAK:																
		33.60	35.00	1.40	1280	0.38	1810		GRY:GRN:	moderate:	fractured:	strong	1mm Fe		S/STONE						
		35.00	36.50	1.50	1281				GRY:PPL:	moderate:	fractured:	moderate	Fe/q	Fe/q	S/STONE						
		36.50	37.60	1.10	1282	0.19	1590		GRY:PPL:	moderate:	fractured:	moderate	vein	Fe	S/STONE	Fe Q vein 250/45n					

SUMMARY OF SIGNIFICANT RESULTS

FROM TO WIDTH Au g/t

12.00 17.60 -5.60 0.96

21.30 28.20 6.90 1.10

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO.13

::COORDINATE:		LOCATION		ASSAY		LITHOLOGY														
::NORTH EAST:		FROM	TO	WIDTH:	NO.	Au g/t:	As ppm:	COLOUR	HARDNESS:	JOINTING	LIM/GOETH:	QTZ	MICRO/VNS:	ROCK	COMMENTS					
		0.00	1.50	1.50	8718	0.16	770	PPL:	MODERATE:	JOINTED	WEAK			S/STONE	white calc.					
		1.50	3.50	2.00	8719	0.11	1040	PPL:	MODERATE:	JOINTED	WEAK			S/STONE						
		3.50	4.90	1.40	8720	1.94	1610	PPL:	HARD	JOINTED	MODERATE	@3.7 m Fe/q:	Fe/q	S/STONE						
		4.90	6.40	1.50	8721	0.31	1400	PPL:	HARD	MASSIVE	WEAK			S/STONE						
		6.40	8.00	1.60	8722	0.12	650	PPL:	MODERATE:	MASSIVE	WEAK			S/STONE						
		8.00	9.70	1.70	8723	0.26	1090	R/B:GRY:	MODERATE:	FRACTURED:	WEAK			S/STONE						
		9.70	11.50	1.80	8724	0.16	600	PLE:GRY:PPL:	MODERATE:	FRACTURED:	WEAK		Fe	S/STONE						
		11.50	13.50	2.00	8725	0.15	730	PLE:GRY:PPL:	HARD	FRACTURED:	WEAK		Fe	S/STONE						
		13.50	15.00	1.50	8726	0.38	690	GRY:	HARD	JOINTED	MODERATE		Fe	S/STONE						
		15.00	17.00	2.00	8727	0.11	630	GRY:	HARD	JOINTED	MODERATE		Fe	S/STONE						
		17.00	19.00	2.00	8728	0.05	650	GRY:	HARD	JOINTED	MODERATE		Fe to 5mm:	S/STONE	bands of Fe to 5mm					
		19.00	21.00	2.00	8729	1;t.01:	510	GRY:	HARD	JOINTED	MODERATE		Fe	S/STONE						
		21.00	23.00	2.00	8730	0.02	570	GRY:	HARD	JOINTED	MODERATE			S/STONE	joint 004/72 w					
		23.00	30.70	7.70	8731	0.04	540	GRY:	HARD	MASSIVE	WEAK			S/STONE						
		30.70	35.00	4.30	N/S					HARD	MASSIVE			S/STONE						
		35.00	37.50	2.50	8732	0.35	1590	PLE:GRY:PPL:	MODERATE:	JOINTED	MODERATE			S/STONE						
		37.50	39.00	1.50	8733	1.46	1530	PLE:GRY:PPL:	MODERATE:	JOINTED	MODERATE	to 2 mm	Fe/q	S/STONE	joint 002/75w					
		39.00	40.50	1.50	8734	0.12	880	GRY:	HARD	MASSIVE	WEAK			S/STONE						
		40.50	42.00	1.50	8735	0.53	1430	PPL:	HARD	MASSIVE	WEAK			S/STONE						
		42.00	43.50	1.50	8736	0.91	1900	PPL:	MODERATE:	MASSIVE	WEAK			S/STONE	altered zone					
		43.50	45.00	1.50	8737	0.63	2170	PPL:	SOFT	MASSIVE	MODERATE	Fe/q veins	Fe/q	S/STONE	stockwork of Fe/q veins:					
		45.00	46.50	1.50	8738	5.51	1400	PPL:	SOFT	CLEAVED	MODERATE	Fe/q veins	Fe/q	S/STONE	stockwork of Fe/q veins:					
		46.50	48.00	1.50	8739	3.10	1910	PPL:	MODERATE:	CLEAVED	WEAK			SHALE						
		48.00	49.00	1.00	8740	1.30	2080	PPL:	MODERATE:	CLEAVED	MODERATE			SHALE						
		49.00	50.50	1.50	1123	0.26	780	WHT:	MODERATE:	CLEAVED	moderate			SHALE						
		50.50	52.00	1.50	1124	0.18	590	PLE:GRY:PPL:	HARD	MASSIVE	moderate		many Fe	S/STONE						
		52.00	55.00	3.00	1125	0.55	1040	PLE:GRY:R/B:	HARD	MASSIVE	moderate		1mm Fe	S/STONE	possibly contaminated					
		55.00	58.00	3.00	1126	0.09	810	PLE:GRY:R/B:	HARD	MASSIVE	moderate		1mm Fe	S/STONE	possibly contaminated					
		58.00	61.00	3.00	1127	0.07	800	PLE:GRY:R/B:	HARD	MASSIVE	moderate		1mm Fe	S/STONE	possibly contaminated					
		61.00	64.00	3.00	1128	0.20	880	PLE:GRY:R/B:	HARD	MASSIVE	moderate		1mm Fe	S/STONE	possibly contaminated					
		64.00	65.80	1.80	1129	0.06	510	PLE:GRY:R/B:	HARD	MASSIVE	moderate		1mm Fe	S/STONE	possibly contaminated					
		65.80	67.50	1.70	1130	0.23	1340	PLE:GRY:R/B:	MODERATE:	MASSIVE	moderate	1mm vnlets	1mm Fe/q	S/STONE						
		67.50	69.00	1.50	1131	0.58	1670	PLE:GRY:R/B:	MODERATE:	MASSIVE	moderate		1mm Fe/q	S/STONE						
		69.00	71.00	2.00	1132	0.23	1010	PLE:GRY:R/B:	HARD	MASSIVE	moderate			S/STONE						
		71.00	72.70	1.70	1133	0.20	930	PLE:GRY:PPL:	SOFT	FRACTURED:	moderate			GREYWACHE:	pseudomorphs					
		72.70	74.40	1.70	1134	0.40	890	PLE:GRY:PPL:	MODERATE:	FRACTURED:	moderate	1mm Fe/q		GREYWACHE:						
		74.40	76.00	1.60	1135	0.08	870	GRY:	MODERATE:	FRACTURED:	moderate	1mm Fe/q	1mm Fe/q	GREYWACHE:	tuffaceous ?					
		76.00	77.80	1.80	1136	0.20	1350	PLE:	GRY:	MODERATE:	FRACTURED:	moderate	1mm Fe/q	1mm Fe/q	GREYWACHE:					
		77.80	79.30	1.50	1137	0.08	480	PLE:	GRY:	MODERATE:	FRACTURED:	weak		1mm Fe/q	S/STONE					
		79.30	81.00	1.70	1138	0.07	600	PLE:GRY:PPL:	MODERATE:	FRACTURED:	weak			GREYWACHE:						

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO.78 (continued)

[illegible]

SUMMARY OF SIGNIFICANT RESULTS

	FROM	TO	WIDTH	An g/t
	3.50	4.90	1.40	1.94
	35.00	55.00	20.0	1.14
inc	45.00	49.00	4.00	3.55
	67.50	69.00	1.50	0.58
	97.90	99.60	1.70	0.84

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO. T9

COORDINATES		LOCATION		ASSAY		LITHOLOGY											
NORTH	EAST	FROM	TO	WIDTH	NO.	Au g/t	As ppm	COLOUR	HARDNESS	JOINTING	LIM/GOETH	QTZ	MICRO/VNS	ROCK	COMMENTS		
9975.0	5312.0	0.00	1.50	1.50	8741	0.13	1230	pnk:ppl	moderate	fractured	moderate	1.5 m Fe/q		s/stone			
9975.9	5313.3	1.50	3.00	1.50	8742	0.35	1020	ppl	moderate	fractured	weak			s/stone			
	5314.5	3.00	4.50	1.50	8743	LT.01	940	ppl	moderate	fractured	strong			s/stone			
9977.1	5315.8	4.50	6.00	1.50	8744	0.14	970	ppl	moderate	fractured	strong	25 cm Fe/qvn		s/stone	5.3m 25cm Fe/q vein		
9978.6	5317.0	6.00	7.50	1.50	8745	LT.01	680	gry	moderate	fractured	moderate	7.1-7.5 Fe/q:Fe		s/stone	from 7.1-7.5 Fe/q		
9979.6	5318.3	7.50	9.00	1.50	8746	LT.01	490	ppl	moderate	fractured	moderate	8.3m Fe/q		s/stone	8.3m bx Fe/q vein	140/74e	
9980.5	5319.5	9.00	10.50	1.50	8747	0.05	680	ple	pnk	moderate	fractured	moderate	9.6m Fe/q		s/stone		
9981.4	5320.8	10.50	12.00	1.50	8748	0.12	750	r/b:ppl	soft	brecciate	strong			s/stone			
9982.3	5322.0	12.00	13.10	1.10	8749	0.33	640	pnk	moderate	fractured	strong			s/stone			
9983.0	5322.9	13.10	14.20	1.10	WORKINGS									s/stone			
9983.6	5323.8	14.20	15.70	1.50	8750	0.18	870	ppl	hard	massive	moderate	qtz veins		s/stone	h.w. 150/85e.		
9984.5	5325.1	15.70	17.00	1.30	8751	3.12	960	ppl	hard	massive	strong	Fe/q veins	Fe/q	s/stone			
9985.3	5326.2	17.00	18.10	1.10	8752	0.45	860	ppl	hard	massive	moderate	Fe/q veins	Fe/q	s/stone			

N.B. THE COORDINATES ARE FOR THE START OF THE SAMPLE INTERVAL

SUMMARY OF SIGNIFICANT RESULTS

FROM TO WIDTH Au g/t
15.7 17.0 1.30 3.12

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGAMI GOLD PROJECT
TRENCH NO. T10

::COORDINATES		LOCATION		ASSAY		LITHOLOGY										
::NORTH	EAST	FROM	TO	WIDTH	NO.	g/t	As	ppm	COLOUR	HARDNESS	JOINTING	LIM/GOETH	QTZ	MICRO/VNS	ROCK	COMMENTS
::5371.0	10014.6	0.0	1.2	1.2	::1115	0.13			::gry::hard		::cleav.	::moderate	::1mm veins::Fe/q		::s/stone::cleav. 030/42 s.	
::5371.0	10013.4	1.2	2.9	1.7	::1114	0.07			::gry::hard		::massive	::moderate	::1mm veins::Fe/q		::s/stone::	
::5371.1	10011.7	2.9	4.3	1.4	::1113	0.09			::ppl::mod		::massive	::strong			::s/stone::	
::5371.1	10010.3	4.3	5.1	0.8	::8753	1.97	1430		::gry::mod		::fractured::strong	::Fe/q			::s/stone::	
::5371.2	10009.5	5.1	5.7	0.6	::8754	4.34	1830		::wht::mod		::massive	::strong	::milky		::s/stone::milky qtz massive	
::5371.2	10008.9	5.7	7.1	1.4	::8755	11.80	1500		::r/b::gry::mod		::massive	::strong	::Fe/q vein::Fe/q		::s/stone::	
::5371.3	10007.5	7.1	8.6	1.5	::8756	1.09	1680		::gry::hard		::massive	::strong			::s/stone::	
::5371.3	10006.0	8.6	10.1	1.5	::8757	1t.01	470		::gry::hard		::jointed	::moderate			::s/stone::joint 152/vert.	
::5371.3	10004.5	10.1	11.6	1.5	::8758	0.10	520		::gry::hard		::jointed	::moderate			::s/stone::	
::5371.4	10003.0	11.6	13.3	1.7	::8759	0.17	620		::gry::hard		::massive	::moderate			::s/stone::joint 160/85 e.	
::5371.4	10001.3	13.3	13.9	0.6	::8760	1t.01	650		::gry::soft		::jointed	::moderate	::3m Fe/q		::s/stone::9.7-10 Fe/q vein	
::5371.5	10000.7	13.9	15.6	1.7	::8761	1t.01	590		::gry::soft		::jointed	::weak			::s/stone::joint 015/62n	
::5371.5	9999.0	15.6	16.9	1.3	::8762	0.55	430		::gry::soft		::jointed	::weak			::s/stone::	
::5371.6	9997.7	16.9	18.4	1.5	::8763	0.51	830		::gry::soft		::jointed	::weak	::Fe/q		::s/stone::altered zone	
::5371.6	9996.2	18.4	20.4	2.0	::8764	1t.01	280		::gry::mod		::jointed	::weak			::s/stone::joint 135/85e	
::5371.7	9994.2	20.4	22.4	2.0	::8765	1t.01	350		::gry::mod		::jointed	::weak			::s/stone::joint 007/85 e	
::5371.7	9992.2	22.4	24.4	2.0	::8766	1t.01	470		::gry::mod		::jointed	::weak			::s/stone::joint 165/85 n	
::5371.7	9990.2	24.4	25.6	1.2	::8767	1t.01	590		::gry::mod		::jointed	::weak	::21.3 qtz		::s/stone::	
::5371.8	9989.0	25.6	27.4	1.8	::8768	0.05	280		::gry::mod		::jointed	::weak			::s/stone::	
::5371.8	9987.2	27.4	29.4	2.0	::8769	0.19	560		::ple::gry::hard		::massive	::weak			::s/stone::	
::5371.9	9985.2	29.4	31.4	2.0	::8770	1t.01	320		::ppl::mod		::fractured::moderate		::Fe		::s/stone::	
::5371.9	9983.2	31.4	33.2	1.8	::8771	0.03	470		::ppl::mod		::fractured::moderate				::s/stone::	
::5372.0	9981.4	33.2	35.2	2.0	::8772	0.01	48		::ppl::mod		::fractured::weak				::s/stone::	
::5372.0	9979.4	35.2	37.2	2.0	::8773	0.02	32		::ppl::mod		::fractured::weak				::s/stone::	

** N.B. THE COORDINATES ARE FOR THE START OF THE SAMPLE INTERVAL

SUMMARY OF SIGNIFICANT RESULTS

FROM TO WIDTH Au g/t
4.30 8.60 4.30 5.18

15.60 18.40 2.80 0.53

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO.T11

COORDINATE:	LOCATION		ASSAY		LITHOLOGY									
NORTH EAST:	FROM	TO	WIDTH:	NO.:	AN g/t:	AS ppm:	COLOUR	HARDNESS:	JOINTING:	LIM/GOETH:	QTZ	MICRO/VNS:	ROCK	COMMENTS
	0.00	1.70	1.70	8774	0.38	1270	:	gry:	moderate:	jointed	moderate	minor vlets:	qtz/Fe	S/STONE
	1.70	3.70	2.00	8775	0.08	1120	:	gry:	moderate:	jointed	moderate	minor vlets:	qtz/Fe	S/STONE
	3.70	5.60	1.90	8776	0.11	850	:	gry:	moderate:	jointed	moderate	minor vlets:	qtz/Fe	S/STONE
	5.60	7.30	1.70	8777	0.64	1300	:	gry:	moderate:	jointed	moderate	minor vlets:	qtz/Fe	S/STONE
	7.30	8.70	1.40	8778	3.36	960	:	gry:	moderate:	jointed	moderate	1-2mm vlets:	qtz/Fe	S/STONE
	8.70	10.20	1.50	8779	0.28	900	:	gry:	moderate:	jointed	moderate	minor vlets:	qtz/Fe	S/STONE
	10.20	11.20	1.00	8780	2.34	310	:	ppl:	moderate:	jointed	moderate	:	S/STONE	
	11.20	12.60	1.40	8781	0.15	550	:	ppl:	moderate:	jointed	strong	:	S/STONE	
	12.60	13.70	1.10	8782	6.32	880	:	ppl:	moderate:	jointed	moderate	:	S/STONE	joint 140/85 E
	13.70	15.70	2.00	8783	2.00	360	:	ppl:	moderate:	jointed	moderate	to 2mm vlet:	Fe/q	SHALE joint 155/82e
	15.70	16.80	1.10	1000	0.27	410	:	ppl:	moderate:	jointed	moderate	:	SHALE	
	16.80	18.50	1.70	1001	0.09	690	:	brn:ppl:	moderate:	fracture:	moderate	:	SHALE	
	18.50	19.60	1.10	1002	0.05	370	:	brn:ppl:	moderate:	fracture:	moderate	:	SHALE	
	19.60	20.80	1.20	1003	0.10	630	:	brn:ppl:	moderate:	fracture:	moderate	:	SHALE	
	20.80	22.50	1.70	1004	0.22	780	:	ppl:	moderate:	jointed	moderate	Fe	SHALE	joint 160/90;050/50n:
	22.50	24.20	1.70	1005	0.21	390	:	brn:ppl:	moderate:	jointed	weak	:	S/STONE	joint 145/65e
	24.20	26.00	1.80	1006	0.11	450	:	ppl:	moderate:	fracture:	weak	:	S/STONE	
	26.00	27.50	1.50	1007	0.19	390	:	ppl:	moderate:	fracture:	weak	to 5mm	S/STONE	
	27.50	28.80	1.30	1008	1.10	730	:	gry:	moderate:	massive	weak	:	GREYWACHE:	poss. tuffaceous

SUMMARY OF SIGNIFICANT RESULTS

FROM TO WIDTH AN g/t
5.60 15.70 10.1 1.95

27.50 28.80 1.30 1.10

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO. T12

::COORDINATE:		LOCATION		ASSAY		LITHOLOGY											
::NORTH EAST:		FROM	TO	WIDTH:	NO.:	Au g/t:	As ppm:	COLOUR	HARDNESS:	JOINTING	LIM/GOETH:	QTZ	MICRO/VNS:	ROCK	COMMENTS		
		0.0	1.6	1.6	1009	0.09	1090	:gry:ppl:	moderate:	fractured:	moderate		:Fe 1mm	:s/stone			
		1.6	2.8	1.2	1010	0.50	1630	:gry:ppl:	moderate:	sheared	moderate	2-2.8 Fe/q		:s/stone	:0.8 m qtz vein		
		2.8	4.3	1.5	1011	0.13	1100	:ppl:	moderate:	cleaved	moderate			:s/stone	:cle. 105/65s		
		4.3	6.0	1.7	1012	0.11	690	:gry:ppl:	moderate:	fractured:	moderate			:s/stone			
		6.0	7.8	1.8	1013	0.10	930	:ppl:	soft	fractured:	moderate			:s/stone			
		7.8	9.5	1.7	1014	0.15	1480	:ppl:	soft	fractured:	moderate			:s/stone			
		9.5	11.0	1.5	1015	0.09	820	:ppl:	moderate:	fractured:	moderate			:s/stone			
		11.0	12.5	1.5	1016	0.06	850	:ppl:ppl:	moderate:	fractured:	moderate			:s/stone			
		12.5	14.0	1.5	1017	0.10	940	:gry:	moderate:	fractured:	moderate	1mm Fe/q	:Fe/q	:greywache:	:cle. 050/58s		
		14.0	16.0	2.0	1018	0.13	950	:gry:	moderate:	fractured:	moderate	1 mmFe/q	:Fe/q	:greywache:			
		16.0	24.0	8.0	ROAD			:	:	:	:			:	:		
		24.0	25.8	1.8	1019	0.15	760	:ppl:	moderate:	fractured:	weak			:s/stone			
		25.8	27.0	1.2	1020	0.30	1260	:ppl:	moderate:	fractured:	weak			:s/stone			
		27.0	28.6	1.6	1021	0.25	1700	:ppl:	soft	fractured:	strong			:s/stone			
		28.6	30.2	1.6	1022	0.14	840	:ppl:	soft	sheared	moderate			:s/stone	:shear 080/90		
		30.2	31.8	1.6	1023	0.22	1980	:ppl:	moderate:	sheared	moderate			:s/stone			
		31.8	33.3	1.5	1024	0.19	1560	:ppl:	moderate:	jointed	moderate		:Fe	:s/stone			
		33.3	35.0	1.7	1025	0.23	1280	:ppl:	moderate:	jointed	moderate		:Fe	:s/stone			
		35.0	36.5	1.5	1026	0.15	1190	:ppl:	moderate:	jointed	moderate		:Fe	:s/stone			
		36.5	38.0	1.5	1027	0.12	430	:brn:ppl:	moderate:	jointed	moderate			:s/stone	:Fe boxwork		
		38.0	38.6	0.6	1028	0.12	420	:mot:grn:gry:	moderate:	jointed	moderate			:s/stone			
		38.6	40.0	1.4	TRENCHING			:	:	:	:			:	:		
		40.0	41.5	1.5	1029	0.53	660	:mot:ppl:grn:	soft	friable	weak			:shale			
		41.5	43.0	1.5	1030	0.33	1180	:mot:ppl:grn:	soft	fractured:	strong	Fe/q		:shale	:Fe boxwork		
		43.0	44.5	1.5	1031	0.18	970	:ppl:	soft	fractured:	strong		:Fe	:s/stone			
		44.5	46.0	1.5	1032	0.11	940	:ppl:	soft	friable	moderate	Fe/q	:Fe/q	:s/stone			
		46.0	47.5	1.5	1033	0.12	640	:ppl:	moderate:	fractured:	moderate		:Fe/q	:s/stone			
		47.5	49.0	1.5	1034	0.10	1150	:ppl:	moderate:	friable	moderate		:Fe/q	:s/stone			
		49.0	50.5	1.5	1035	0.35	1030	:gry:	moderate:	friable	moderate	1-5mm qtz vns:	:Fe/q	:s/stone			
		50.5	52.2	1.7	1036	0.25	870	:gry:ppl:	moderate:	jointed	moderate		:Fe/q	:s/stone			
		52.2	54.0	1.8	1037	0.23	730	:gry:ppl:	moderate:	jointed	moderate		:Fe/q	:s/stone	:altered leached		
		54.0	55.7	1.7	1038	0.72	650	:gry:ppl:	moderate:	jointed	moderate		:Fe/q	:s/stone			
		55.7	57.2	1.5	1039	0.14	1420	:gry:ppl:	moderate:	jointed	strong			:s/stone	:Fe gossan		
		57.2	59.0	1.8	1040	0.11	850	:r/h:ppl:	moderate:	jointed	strong		:1-2mm Fe	:s/stone			
		59.0	60.7	1.7	1041	0.11	9801	:r/h:ppl:	moderate:	jointed	strong		:1-2mm Fe	:s/stone			
		60.7	62.5	1.8	1042	0.18	1720	:r/h:ppl:	moderate:	jointed	moderate	Fe/q vns		:s/stone			
		62.5	64.2	1.7	1043	0.14	790	:ppl:	moderate:	jointed	moderate			:s/stone	:joint 355/75e		
		64.2	65.9	1.7	1044	0.64	12350	:ppl:	soft	jointed	moderate			:s/stone			

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGAMI GOLD PROJECT
TRENCH NO.T12 (continued)

::COORDINATE:		LOCATION		ASSAY		LITHOLOGY													
::NORTH EAST:		FROM	TO	WIDTH:	NO.:	Au g/t:	As ppm:	COLOUR	HARDNESS:	JOINTING	LIM/GORTH:	QTZ	MICRO/VNS:	ROCK	COMMENTS				
		:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
:	:	65.9	67.4	1.5	::1045	0.60	1670	:	ppl::soft	fractured::weak		43.5 qtz	:	shale	altered 43.5 qtz vn::				
:	:	67.4	69.0	1.6	::1046	0.18	990	:	ppl::soft	fractured::weak			:	shale					
:	:	69.0	70.8	1.8	::1047	0.16	1000	:	ppl::moderate	fractured::weak			:	shale	clev. 170/90				
:	:	70.8	72.5	1.7	::1048	0.58	1420	:	ppl::moderate	jointed	weak		:	shale	joint 095/55s				
:	:	72.5	74.2	1.7	::1049	0.28	1040	:	ppl::moderate	jointed	weak		:	shale					
:	:	74.2	76.2	2.0	::1050	0.12	550	:	ppl::moderate	jointed	weak		:	shale					
:	:	76.2	78.0	1.8	::1051	0.09	570	:	ppl::hard	jointed	moderate		::Fe	s/stone					
:	:	78.0	81.0	3.0	::1052	0.57	580	:	gry::hard	massive	moderate		::Fe	s/stone					
:	:	81.0	84.0	3.0	::1053	0.10	470	:	gry::hard	massive	moderate		::Fe	s/stone					
:	:	84.0	87.0	3.0	::1054	0.07	290	:	gry::hard	massive	moderate		::Fe	s/stone					
:	:	87.0	89.0	2.0	::1055	0.04	280	:	gry::hard	cleaved	moderate		::Fe	s/stone	clev. 280/50s				
:	:	89.0	90.7	1.7	::1056	0.09	470	:	gry::moderate	cleaved	moderate	Fe/q	qtz	s/stone	q/Fe 034/47s				
:	:	90.7	92.2	1.5	::1057	0.11		:	ppl: gry::moderate	massive	moderate		:	s/stone					
:	:	92.2	93.7	1.5	::1058	0.06		:	gry::moderate	jointed	moderate		:	s/stone	joint 080/60m				
:	:	93.7	95.5	1.8	::1059	0.38		:	gry::moderate	jointed	moderate		:	s/stone					
:	:	95.5	97.3	1.8	::1060	0.08		:	ple: gry::moderate	fractured	moderate		:	s/stone					
:	:	97.3	99.7	2.4	::1061	0.19		:	ple: gry::moderate	fractured	moderate		::Fe	s/stone					
:	:	99.7	101.2	1.5	::1062	0.13		:	ple: gry::soft	fractured	moderate		:	s/stone					
:	:	101.2	102.9	1.7	::1063	0.12		:	ple: gry::moderate	fractured	moderate		:	s/stone					
:	:	102.9	104.8	1.9	::1064	0.11		:	ple: gry::moderate	fractured	moderate		:	s/stone					
:	:	104.8	106.8	2.0	::1065	0.03		:	ple: gry::moderate	jointed	weak		::Fe	s/stone	joints 000/75w				
:	:	106.8	108.5	1.7	::1066	0.14		:	gry: ppl::moderate	fractured	moderate		::Fe	s/stone					
:	:	108.5	110.0	1.5	::1067	0.12		:	r/b: ppl::moderate	fractured	moderate		:	s/stone					
:	:	110.0	111.8	1.8	::1068	0.05		:	gry: ppl::moderate	massive	moderate		:	s/stone					
:	:	111.8	113.5	1.7	::1069	0.04		:	brn: ppl::moderate	jointed	moderate		::Fe	s/stone	joint 032/45e				
:	:	113.5	115.2	1.7	::1070	0.02		:	gry::moderate	jointed	moderate		::Fe	s/stone	joint 345/82s				
:	:	115.2	117.0	1.8	::1071	0.03		:	gry: ppl::moderate	jointed	moderate		::Fe	s/stone	jts 040/90 130/75e				
:	:	117.0	118.7	1.7	::1072	0.04		:	ppl::moderate	fractured	weak		:	s/stone					
:	:	118.7	120.4	1.7	::1073	0.03		:	r/b::moderate	fractured	moderate		:	s/stone					
:	:	120.4	122.0	1.6	::1074	0.04		:	r/b::moderate	jointed	moderate		::Fe	s/stone	joint 185/70w				
:	:	122.0	124.0	2.0	::1075	0.08		:	ppl::moderate	jointed	weak		:	s/stone					
:	:	124.0	126.0	2.0	::1076	0.03		:	r/b: gry::moderate	jointed	weak		:	s/stone					
:	:	126.0	128.0	2.0	::1077	0.09		:	gry::moderate	jointed	weak		:	s/stone					
:	:	128.0	130.0	2.0	::1078	0.02		:	gry::soft	jointed	weak		:	s/stone	joint 172/90				
:	:	130.0	131.5	1.5	::1079	0.02		:	ppl::soft	jointed	weak		:	s/stone					

SUMMARY OF SIGNIFICANT RESULTS

FROM	TO	WIDTH	Au g/t
1.6	2.8	1.2	0.50
40.0	42.5	1.5	0.53
54.0	55.7	1.7	0.72
64.2	67.4	3.2	0.62
70.8	72.5	1.7	0.58
78.0	81.0	3.0	0.57

PROJECT WOOLGNI GOLD PROJECT
TRENCH NO. T13

COORDINATE:		LOCATION		ASSAY		LITHOLOGY											
NORTH	EAST	FROM	TO	WIDTH	NO.	AN	G/T	AS	PPM	COLOR	HARDNESS	JOINTING	LIM/GOETH	QTZ	MICRO/VNS	ROCK	COMMENTS
		0.00	1.70	1.70	1080	0.00				gry:ppl:moderate:clev.	moderate			1mm Fe	S/STONE	clev. 195/67w	
		1.70	3.40	1.70	1081	0.17				ppl:moderate:clev.	moderate				GREYWACHE	clev. 170/70w	
		3.40	5.00	1.60	1082	0.07				ppl:moderate:jointed	moderate				GREYWACHE	joint 175/75w	
		5.00	6.70	1.70	1083	0.06				gry:ppl:soft	fractured:weak				GREYWACHE	weathered white	
		6.70	8.40	1.70	1084	0.07				gry:ppl:soft	fractured:moderate				GREYWACHE		
		8.40	10.00	1.60	1085	0.06				ppl:soft	fractured:weak				GREYWACHE	calc. crust ?	
		10.00	11.80	1.80	1086	0.04				ppl:soft		weak			GREYWACHE		
		11.80	13.50	1.70	1087	0.06				ppl:soft	jointed	weak			GREYWACHE	joint 170/75 w	
		13.50	15.30	1.80	1088	0.03				ppl:soft	jointed	weak			S/STONE		
		15.30	17.00	1.70	1089	0.05				gry:ppl:moderate:jointed	weak				S/STONE		
		17.00	19.00	2.00	1090	0.03				gry:moderate:jointed	moderate			1-2mm Fe	S/STONE		
		19.00	21.00	2.00	1091	0.03				gry:moderate:jointed	moderate				S/STONE	joints 000/78 w	
		21.00	22.40	1.40	1092	0.10				wht:ppl:soft	fractured:weak				S/STONE		
		22.40	23.40	1.00	1093	0.17				wht:ppl:soft	fractured:weak	Fe/q	Fe/q	S/STONE	Fe/q veins 90deg trench		
		23.40	25.00	1.60	1094	7.00				wht:ppl:soft	fractured:weak	qtz 23.8m		S/STONE	wht clay ppl nodules		
		25.00	26.50	1.50	1095	0.09				wht:ppl:soft	fractured:weak			S/STONE			
		26.50	28.20	1.70	1096	0.08				wht:ppl:soft	fractured:weak			S/STONE			
		28.20	30.00	1.80	1097	0.07				wht:ppl:soft	fractured:weak			S/STONE			
		30.00	31.50	1.50	1098	0.06				brn:ppl:moderate:sheared	strong			S/STONE	30.7-31.1 Fe shr 90deg Trench		
		31.50	33.00	1.50	1099	0.05				brn:ppl:moderate:jointed	strong			S/STONE			
		33.00	34.50	1.50	1100	0.04				gry:moderate:jointed	moderate	5mm veins	qtz.	GREYWACHE	joints 340/80w		
		34.50	36.00	1.50	1101	0.06				gry:moderate:fractured	moderate			GREYWACHE			
		36.00	37.50	1.50	1102	0.04				gry:moderate:fractured	moderate			GREYWACHE			
		37.50	39.20	1.70	1103	0.06				ppl:soft	fractured:weak			S/STONE	weathered		
		39.20	41.00	1.80	1104	0.05				ppl:soft	fractured:weak			S/STONE			
		41.00	42.50	1.50	1105	0.03				wht:ppl:soft	fractured:weak			S/STONE	old workings near		
		42.50	44.00	1.50	1106	0.02				wht:ppl:soft	fractured:weak			S/STONE			
		44.00	45.50	1.50	1107	0.03				gry:moderate:fractured	moderate	Fe 1mm	S/STONE				
		45.50	47.00	1.50	1108	LT.01				gry:moderate:fractured	moderate	Fe 1mm	S/STONE				
		47.00	48.70	1.70	1109	LT.01				wht:ppl:soft	fractured:moderate	Fe 1mm	S/STONE				
		48.70	50.20	1.50	1110	LT.01				wht:ppl:soft	jointed	moderate		S/STONE			
		50.20	52.00	1.80	1111	0.02				wht:ppl:soft	jointed	moderate		S/STONE	joints 170/78w		
		52.00	54.00	2.00	1112	0.06				wht:ppl:soft	jointed	moderate		S/STONE	joints 075/72w		

FROM	TO	WIDTH	Au g/t
23.40	25.00	1.60	7.00

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO. T14

::COORDINATE:		LOCATION ::		ASSAY ::		LITHOLOGY											
::NORTH EAST:		FROM	TO	WIDTH::	NO.::	Au g/t::	As ppm::	COLOUR	HARDNESS::	JOINTING	LIM/GOETH::	QTZ	MICRO/VNS::	ROCK	COMMENTS		
::																	
::		0.0	1.5	1.5	::1162	0.18	700	ple:gry:ppl::	moderate	fractured::	weak	::Fe/q	::Fe/q	::S/STONE	::		
::		1.5	3.0	1.5	::1163	0.11	620	ple:gry:ppl::	soft	fractured::	moderate	::Fe/q 125/60n::	Fe/q	::S/STONE	::	chert 125/60w	
::		3.0	4.5	1.5	::1164	0.08	500	ple:gry:ppl::	soft	fractured::	moderate	::Fe/q 125/60n::	Fe/q	::S/STONE	::	joint 115/90	
::		4.5	6.2	1.7	::1165	0.15	740	::	gry::	soft	fractured::	moderate	::	::Fe	::S/STONE	::	
::		6.2	8.0	1.8	::1166	0.37	620	::	gry::	hard	fractured::	moderate	::	::Fe 2-4mm	::S/STONE	::	
::		8.0	9.5	1.5	::1167	1.01	730	::	wht:ppl::	soft	fractured::	moderate	::Fe/q	::Fe/q	::S/STONE	::	calc ?
::		9.5	11.0	1.5	::1168	0.16	580	::	wht:ppl::	soft	fractured::	moderate	::	::Fe/q	::S/STONE	::	
::		11.0	12.3	1.3	::1169	0.12	380	::	wht:ppl::	soft	fractured::	moderate	::	::	::S/STONE	::	
::		12.3	13.7	1.4	::1170	0.09	370	::	wht:ppl::	soft	fractured::	moderate	::Fe/q to 4cms::	Fe/q	::S/STONE	::	qtz 90deg to trench 25w:
::		13.7	15.5	1.8	::1171	0.08	390	::	wht:ppl::	soft	jointed	moderate	::	::Fe	::S/STONE	::	
::		15.5	16.8	1.3	::1172	0.07	620	::	wht:ppl::	soft	jointed	moderate	::	::Fe	::S/STONE	::	
::		16.8	18.5	1.7	::1173	0.12	540	::	wht:ppl::	soft	jointed	moderate	::	::Fe	::GREYWACHE::		
::		18.5	20.2	1.7	::1174	0.15	350	::	wht:ppl::	soft	jointed	moderate	::	::Fe	::GREYWACHE::		
::		20.2	21.2	1.0	::1175	0.19	570	::	gry:ppl::	soft	brecciate::	moderate	::	::Fe/q	::GREYWACHE::		brecciated Fe/q
::		21.2	23.0	1.8	::1176	0.07	360	::	gry:ppl::	soft	fractured::	moderate	::	::Fe	::S/STONE	::	

SUMMARY OF SIGNIFICANT RESULTS

FR TO WIDTH Au g/t

8.00 9.50 1.50 1.01

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT
TRENCH NO. T15

::COORDINATE:		LOCATION		::		ASSAY		LITHOLOGY		::		::		::		::		::		::	
::NORTH EAST:		FROM	TO	WIDTH	NO.	Au	g/t:As	ppm	COLOUR	HARDNESS	JOINTING	LIM/GOETH	QTZ	MICRO/VNS	ROCK	COMMENTS	::		::		
::																	::		::		
::		0.00	1.60	1.60	1177	0.10	450		:wht :ppl	:soft	:clev.	:weak				:S/STONE:	::		::		
::		1.60	2.80	1.20	1178	0.10	220		:wht :ppl	:soft	:clev.	:weak				:S/STONE:CL. 120/50W	::		::		
::		2.80	4.40	1.60	1179	0.15	520		:wht :ppl	:soft	:clev.	:weak				:S/STONE:	::		::		
::		4.40	8.30	3.90	WORKINGS				:	:	:	:	:	:	:	:	::		::		
::		8.30	10.00	1.70	1180	0.08	280		:wht :ppl	:soft	:clev.	:weak				:S/STONE:	::		::		
::		10.00	11.30	1.30	1181	0.14	290		:wht :ppl	:soft	:clev.	:weak				:S/STONE:cl 135/45 w	::		::		
::		11.30	13.00	1.70	1182	0.39	540		:wht :ppl	:soft	:sheared	:moderate	:60% qtz:			:S/STONE:60% fract.Fe qtz:	::		::		
::		13.00	14.00	1.00	1183	0.12	1040		:wht :ppl	:soft	:jointed	:moderate	:Fe/q	:Fe/q		:S/STONE:Fe /q strong 45w:	::		::		
::		14.00	15.50	1.50	1184	0.08	530		:	:ppl :hard	:cleav.	:strong				:S/STONE:cleav. 135/50w	::		::		
::		15.50	16.90	1.40	1185	0.13	330		:	:ppl :moderate	:cleav.	:weak				:S/STONE:	::		::		
::		16.90	19.00	2.10	1186	0.21	390		:	:ppl :moderate	:cleav.	:weak				:S/STONE:joint 045/70n	::		::		
::		19.00	20.80	1.80	1187	0.13	490		:	:ppl :moderate	:cleav.	:weak				:S/STONE:	::		::		

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGHI GOLD PROJECT

TRENCH NO. T16

[illegible]

MINING MANAGEMENT SERVICES PTY LTD
PROJECT WOOLGHI GOLD PROJECT
TRENCH NO. T17

COORDINATE:		LOCATION		ASSAY		LITHOLOGY													
NORTH EAST		FROM	TO	WIDTH	NO.	g/t	As ppm	COLOUR	HARDNESS	JOINTING	LIM/GOETH	QTZ	MICRO/VIB	ROCK	COMMENTS				
		0.0	1.8	1.8	1230	0.06	760	ple: gry: hard		jointed	strong		Fe	S/STONE	clev. 080/45N				
		1.8	3.6	1.8	1231	0.36	470	ple: gry: hard		jointed	moderate		Fe	S/STONE					
		3.6	5.2	1.6	1232	0.08	590	ple: ppl: gry: hard		jointed	moderate		Fe	S/STONE					
		5.2	7.0	1.8	1233	0.03	490	ple: ppl: gry: hard		jointed	moderate		Fe	S/STONE					
		7.0	8.3	1.3	1234	0.04	990	ple: gry: hard		jointed	moderate		Fe	S/STONE					
		8.3	9.5	1.2	1235	0.27	2030	ple: gry: hard		jointed	moderate	Fe/q to 4cms	Fe/q	S/STONE	Fe/q 4cms @ 160/55w				
		9.5	11.0	1.5	1236	0.26	1300	ple: ppl: gry: soft		fractured	moderate	q to 10 cms	Fe/q	S/STONE	fract. qtz to 10cms				
		11.0	13.0	2.0	1237	0.09	1060	ple: gry: hard		massive	moderate		Fe	S/STONE					
		13.0	15.0	2.0	1238	0.08	1480	ple: gry: hard		massive	moderate		Fe	S/STONE					
		15.0	16.9	1.9	1239	0.67	750	ple: gry: hard		massive	moderate	Fe/q	Fe/q	S/STONE					
		16.9	18.7	1.8	1240	0.21	840	ple: gry: hard		massive	moderate	Fe/q to 5mm	Fe/q	S/STONE					
		18.7	20.5	1.8	1241	0.04	1220	ple: gry: hard		massive	moderate		Fe	S/STONE					
		20.5	22.5	2.0	1242	0.05	670	ple: gry: hard		massive	moderate			S/STONE					
		22.5	24.2	1.7	1243	0.04	570	ple: gry: hard		massive	moderate	q to 2mm	1-2mm Fe/q	S/STONE					
		24.2	26.0	1.8	1244	0.10	820	ple: gry: hard		massive	moderate	q to 2mm	1-2mm Fe/q	S/STONE					
		26.0	27.7	1.7	1245	0.07	800	ple: gry: hard		massive	moderate	q to 2mm	1-2mm Fe/q	S/STONE					
		27.7	29.5	1.8	1246	0.24	1510	ple: gry: hard		massive	moderate	q to 2mm	1-2mm Fe/q	S/STONE					
		29.5	31.5	2.0	1247	0.23	1100	ple: gry: moderate	massive	moderate			Fe	S/STONE	clev. 015/20w				
		31.5	32.9	1.4	1248	0.09	650	ple: gry: moderate	massive	moderate			Fe	S/STONE					
		32.9	36.0	3.1	1249	0.08	1180	ple: gry: hard		massive	moderate		Fe	S/STONE					
		36.0	37.7	1.7	1250	0.16	1640	ple: gry: soft		jointed	moderate		Fe	S/STONE					
		37.7	39.5	1.8	1251	0.07	1160	ple: wht: gry: soft		jointed	moderate			S/STONE	joint 160/90				
		39.5	41.0	1.5	1252	0.04	920	ple: gry: moderate	massive	moderate				S/STONE					
		41.0	42.7	1.7	1253	0.05	630	ple: gry: hard		massive	moderate			S/STONE					
		42.7	44.2	1.5	1254	0.07	930	ple: gry: hard		massive	strong			S/STONE					
		44.2	46.0	1.8	1255	0.04	580	ple: gry: hard		massive	strong			S/STONE					
		46.0	47.0	1.0	1256	0.10	1170	ple: gry: hard		clev.	moderate			S/STONE	clev 250/40n				
		47.0	48.1	1.1	WORKI:														
		48.1	49.4	1.3	1257	0.26	580	ple: gry: moderate	sheared	moderate	qtz to 8mm	Fe/q		GREYWACHE:					
		49.4	51.0	1.6	1258	0.08	720	ple: gry: moderate	jointed	moderate			Fe	GREYWACHE:					
		51.0	52.5	1.5	1259	0.11	570	ple: gry: moderate	jointed	moderate			Fe	GREYWACHE:					
		52.5	54.2	1.7	1260	0.06	620	ple: gry: hard		massive	moderate		Fe	S/STONE					
		54.2	56.0	1.8	1261	0.04	420	ple: gry: hard		massive	moderate		Fe	S/STONE					
		56.0	57.7	1.7	1262	0.07	660	ple: gry: hard		massive	moderate		Fe	S/STONE					
		57.7	59.4	1.7	1263	0.06	930	ple: gry: hard		massive	moderate		Fe	S/STONE					
		59.4	61.0	1.6	1264	0.05	890	ple: ppl: gry: hard		massive	moderate		Fe	S/STONE					
		61.0	62.6	1.6	1265	0.05	350	ple: ppl: gry: hard		massive	moderate		Fe	S/STONE					
		62.6	64.2	1.6	1266	0.04	360	ple: ppl: gry: moderate	massive	moderate			Fe	S/STONE					
		64.2	66.0	1.8	1267	0.08	540	ple: ppl: gry: moderate	massive	moderate			Fe	S/STONE					
		66.0	67.6	1.6	1268	0.90	2080	ple: ppl: gry: moderate	massive	moderate			Fe	S/STONE					
		67.6	69.2	1.6	1269	2.75	7070	ple: ppl: gry: moderate	massive	moderate			Fe	S/STONE					
		69.2	70.7	1.5	1270	0.45	1540	ple: ppl: gry: soft		massive	moderate	Qtz shred	Fe: Fe/q	S/STONE	brecciated qtz/Fe				
		70.7	72.5	1.8	1271	0.39	1700	ple: ppl: gry: soft		brecciated	moderate			S/STONE					
		72.5	74.0	1.5	1272	0.23	1140	ple: wht: gry: soft		fractured	weak		qtz	S/STONE					
		74.0	75.5	1.5	1273	0.77	2840	ple: wht: gry: soft		fractured	weak		qtz	S/STONE					
		75.5	76.9	1.4	1274	0.15	700	ple: wht: gry: soft		fractured	weak			S/STONE					
		76.9	78.0	1.1	1275		N/S	ple: r/b: wht: soft		fractured	weak			S/STONE					

SUMMARY OF SIGNIFICANT RESULTS

FROM TO	WIDTH	Am g/t
15.0 16.9	1.9	0.67
66.0 75.5	9.5	0.92
166.0 69.2	3.2	1.83

APPENDIX 2

LOG CODES

COLOUR

r	red
b	brown
y	yellow
gn	green
gy	grey
pk	pink
bl	blue
wh	white
blk	black
ppl	purple

QUALIFIERS

lt.	light/pale	mott	mottled
ptly	partly	bx	boxwork
tr	trace	fr	friable
min	minor	cl	clear
dk	dark	* shr(sh)	sheared
fe	ferruginous	weath	weathered
mlky	milky	alter(alt)	altered
fract(frac)	fractured		
comm	common		
st	stained		

ROCK TYPES & MINERALS

gwe	greywache
s/st.	siltstone
sh	shale
aspy	arsenopyrite
py	pyrite
lim	limonite
cly	clay
silic(slic)	silicious
q,qtz.	quartz
sulph	sulphide
goeth	goethite

GRAINSIZE

f-g	fine grained
m-g	medium grained
c-g	coarse grained

GENERAL

jts	joints
vnlets(vlets)	veinlets
+-	with or without

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FRI

page 1. of 3.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGNI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5250 N. 9963 E.
DECLINATION 50
AZIM. 321
TOTAL DEPTH. 86.m.
ELEVATION 1172 M.

LOGGED BY R.ANGUS
DATE. 3/9/88

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRPT.	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
0	3	:fill						
3	4.8	:stope						
4.8	6.3	:no sample return x-over sub.						
6.3	7	:gnb min yrb f-mg gwe min sh/s/st.	30	:mky fe		1 :greywache	10007	0.34
7	8	:ptly fract. ryb sh+- s/st. min gwe	40	:mky fe		1 :shale	10008	0.17
8	9	:ryb fg gwe	80	:fe	:min fe vlets	1 :greywache	10009	0.11
9	10	:ptly bleached lt. gny f-mg gwe	10-20	:mky		1 :greywache	10010	0.14
10	11	:ptly bleached lt gn f-mg gwe + sh/s/st.	50	:mky fe		1 :greywache	10011	0.15
11	12	:gnyb f-mg gwe	20	:mky	fe:common fe vlets	1 :greywache	10012	0.96
12	13	:gn ryb mg gwe	30	:mky	fe:	1 :greywache	10013	0.08
13	14	:gn ryb mg gwe +min sh/s/st.	40	:		1 :greywache	10014	0.06
14	15	:gn ryb mg gwe +min sh/s/st.	10	:		1 :greywache	10015	0.02
15	16	:ryb mg gwe min sh/s/st.	20	:mky fe	:fe vlets	1 :greywache	10016	0.02
16	17	:ryb min gny fg gwe/s/st.+sh	5	:mky	fe:	1 :gwe/s/st.	10017	0.07
17	18	:ryb min gny fg gwe/s/st.+sh	:	:	:min fe staining	1 :gwe/s/st.	10018	0.06
18	19	:yrb + gnb fg gwe/s/st+sh	10-20	:fe		1 :gwe/s/st.	10019	0.10
19	20	:ygnb f-mg gwe min sh/s/st.	:	:	:common fe stain.	1 :greywache	10020	0.02
20	21	:yrb gnb mg gwe	:	:	:tr fe st.& vlets:	1 :greywache	10021	0.01
21	22	:yrb banded sh+-s/st + f-mg gwe	2-5	:fe		1 :shale	10022	0.03
22	23	:yrb f-mg gwe min sh/s/st.	:tr	:		1 :greywache	10023	0.02
23	24	:yrb f-mg gwe + sh/s/st.	:	:		1 :greywache	10024	0.01
24	25	:yrb gngy m-cg gwe	:	:		1 :greywache	10025	lt.01
25	26	:yrb gngy m-cg gwe = min sh/s/st. 1% blk mineral	5	:fe		1 :greywache	10026	0.03
26	27	:rb + gy sh/s/st. min gwe	:	:	:min fe vlet & st:	1 :sh/s/st.	10027	0.05
27	28	:rb + gy fg gwe/s/st. +- sh 1% blk mineral	:	:	:min fe vlet & st:	1 :gwe/s/st.	10028	0.07
28	29	:gngy/rb fg gwe/s/st.+ sh	:	:	:min fe vlet & st:	1 :gwe/s/st.	10029	0.01
29	30	:ryb s/st/sh min gwe 1-2% blk mineral	:	:	:tr fe vlets	1 :s/st/sh	10030	0.03
30	31	:ryb ptly banded sh+-s/st tr gwe	:	:	:min fe on jts	1 :shale	10031	0.01
31	32	:ryb min gngy sh/s/st.	1-2	:fe	:fe vlets	1 :sh/s/st.	10032	0.03
32	33	:rygnb sh/s/st + mg gwe	:	:	:common fe on jts:	1 :sh/s/st.	10033	0.02
33	34	:rygnb mg gwe minsh/s/st.	:min	:fe	:com. fe on vlets:	1 :greywache	10034	0.04
34	35	:rygnb f-mg gwe	:min	:		1 :greywache	10035	0.02
TOP OF FRESH ROCK		DAMP AT	COMMENTS SAMPLE RECOVERY					
BASE OF COMPLETE OXIDATION		WATER AT	OTHER					

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FRI

page 2. of 3 .

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5250 N.
DECLINATION 50
AZIM. 321
TOTAL DEPTH. 86.m.
ELEVATION 1172 m

9963 E.

LOGGED BY R.ANGUS
DATE. 3/9/88

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
35	36		:rygyb f-mg gwe min s/st.		:fe on jts		1	:greywache	10036	:lt.01
36	37		:ryb mg gwe tr s/st.+ sh		:min fe on jts		1	:greywache	10037	:lt.01
37	38		:ryb min gn mg gwe min s/st.+sh		:		1	:greywache	10038	:lt.01
38	39		:ryb + gngy s/st/fg gwe comm. fe on jts		:comm. fe on jts		1	:s/st/gwe	10039	:0.05
39	40		:rgnb sh/s/st. min gwe		:min fe vlets jts		1	:sh/s/st.	10040	:0.01
40	41		:ryb mg gwe		:min fe on jts		1	:greywache	10041	:lt.01
41	42		:ryb gnb mg gwe + sh/s/st. comm. bl/blk mineral		:fe on jts		1	:greywache	10042	:0.01
42	43		:ryb gnb mg gwe + sh/s/st. comm. bl/blk mineral		:		1	:greywache	10043	:lt.01
43	44		:ryb gnb f-mg gwe tr s/st.		:		1	:greywache	10044	:lt.01
44	45		:rb s/st+sh min fg gwe	2	:fe	:min fe on jts	1	:s/st.	10045	:lt.01
45	46		:ptly bleached lt. gnpk min yb s/st/fg gwe		:fe vlets		1	:s/st./gwe	10046	:lt.01
46	47		:ryb ptly lim. s/st/fg gwe	tr	:fe	:min fe vlets	1	:s/st/gwe	10047	:0.03
47	48		:rb fg gwe tr s/st.		:comm. fe jts		1	:greywache	10048	:0.03
48	49		:rgnb f-mg gwe minsh/s/st.		:min fe on jts		1	:greywache	10049	:0.02
49	50		:ryyb s/st.+sh/f-mg gwe		:min fe on jts		1	:siltstone	10050	:0.01
50	51		:rb s/st+sh min fg gwe		:min fe jts		1	:siltstone	10051	:lt.01
51	52		:gyrb s/st+sh min fg gwe		:		1	:siltstone	10052	:lt.01
52	53		:rb min gn f-mg gwe + sh/s/st.	30	:mky fe	:comm. fe jts	1	:greywache	10053	:0.04
53	54		:rb s/st./f-mg gwe		:min fe on jts		1	:greywache	10054	:0.01
54	55		:lt. rb f-mg gwe tr s/st.		:min fe jts		1	:greywache	10055	:0.02
55	56		:lt. rb f-mg gwe + s/st./sh		:		1	:greywache	10056	:lt.01
56	57		:rb f-mg gwe/s/st.		:min fe on jts		1	:gwe/s/st.	10057	:lt.01
57	58		:yrgnb fg gwe + sh/s/st.	5-10	:fe py	:lim st.	2	:greywache	10058	:0.10
58	59		:ryb f-mg gwe/s/st.	50	:mky fe py	:fe st.	2	:gwe/s/st.	10059	:0.23
59	60		:yrb s/st./sh + f-mg gwe	25	:mky py	:fe vlets	2	:s/st./sh	10060	:0.05
60	61		:lt. gngy + pk sh/s/st	30	:mky fe	:	2	:sh/s/st.	10061	:0.02
61	62		:lt. gngy + pk sh/s/st	30	:mky fe	:	2	:sh/s/st.	10062	:0.02
62	63		:gn + rb s/st.+ sh min fg gwe	20	:mky fe	:	2	:siltstone	10063	:0.02
63	64		:gngy + ryb mg gwe tr sh	25	:mky fe	:	2	:greywache	10064	:0.02
64	65		:lt. gn + ryb s/st/fg gwe	5	:mky	:1-2 % aspy	2	:s/st/gwe	10065	:0.02
65	66		:lt. gn ryb s/st./sh	10	:mky	:min fe st.	2	:s/st/gwe	10066	:0.02
66	67		:lt. gn ryb s/st./sh tr gwe	10-20	:mky fe	:	2	:s/st./sh	10067	:0.05
:TOP OF FRESH ROCK				DAMP AT	COMMENTS SAMPLE RECOVERY					
:BASE OF COMPLETE OXIDATION				WATER AT	OTHER					

page 3. of 3 .

LOGGED BY: R. ANGUS
DATE: 3/9/88

DECLINATION	50
AZIM.	321
TOTAL DEPTH.	86.m.

ELEVATION. 1172 呎

[illegible]

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR.2.

page 1. of 3 .

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI

COORDINATES

5250 N.

9982 E.

LOGGED BY R.ANGUS

DATE. 3/4/7/88

DRILLING

DECLINATION

60

COMPANY GAEDENS

AZIM.

321

MACHINE

TOTAL DEPTH.

92

METHOD R.C.

ELEVATION

1175 M.

DEPTH M.			QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE: Au	DUPLICATE:
FROM	TO	DESCRIPTION	%	DESCRIPT.	SULPH.%	CODE	NUMBER: g/t	ANALABS
0	1	FILL						
1	2	FILL						
2	3	r/b f-mg grwache c'minor grn s/stone	5-10	fe		1	greywache: 2003	0.26
3	4	r/b s/stone + r/b,yb mg g/wache	40-50	fe/lim	lim assoc. qtz	1	s/s + g/w: 2004	0.14
4	5	gn,yb + r/b,yb m-cg, greywache min ppl s/stone	0			1	greywache: 2005	0.22
5	6	gn,yb + r/b,yb m-cg, greywache min ppl s/stone	5	fe/lim		1	greywache: 2006	0.19
6	7	r/b + gn,yb f-mg greywache	40	fe/lim	lim staining	1	greywache: 2007	0.29
7	8	r/b min. yb f-cg g/wache min s/st.	0			1	greywache: 2008	0.09
8	9	ptly slic. s/st.+ min r/b m-cg g/wache	50	mk + fe		1	s/stone : 2009	0.41
9	10	ptly slic. gn ppl s/st.+ sh. min f-g g/w.	1-2	fe		1	s/stone : 2010	0.34
10	11	ptly slic. gn ppl s/st.+ sh. min f-g g/w.	0			1	s/stone : 2011	0.10
11	12	ppl + gn ppl s/st.+ sh. min f-g g/w.	2-5	fe		1	s/stone : 2012	0.12
12	13	gn f-mg g/w +min sh	20	mk + fe		1	greywache: 2013	0.09
13	14	min sh.	95	mk	lim on jts	1	quartz : 2014	0.10
14	15	min gy f-mg g/w	80	mk		1	quartz : 2015	0.12
15	16	quartz	100	mk	lim on jts	1	quartz : 2016	0.05
16	17	min g/wache	80	mk		1	quartz : 2017	0.15
17	18	gn yb f-mg g/w ,min s/st. tr bl/bk mineral	50	mk + fe		1	qtz + g/w: 2018	0.23
18	19	gn + r/b f-mg g/w	70	mk + fe		1	qtz + g/w: 2019	3.49
19	20	quartz milky	100	mk	rare lim jts	1	quartz : 2020	0.21
20	21	lt. gn ppl s/st. rare fg g/w	50	mk + fe		1	qtz + s/s: 2021	0.15
21	22	lt. gn ppl s/st. rare fg g/w	70	mk + fe		1	qtz + s/s: 2022	0.14
22	23	min r/b fe s/stone	95	mk + lim		1	quartz : 2023	0.27
23	24	fe sheared min yb mg g/w	90	fe		1	quartz : 2024	0.41
24	25		100	mk		1	quartz : 2025	0.87
25	26	min rb mg g/w.	95	mk + fe		1	quartz : 2026	0.81
26	27	min rb mg g/w.	95	mk + fe		1	quartz : 2027	0.09
27	28	min rb mg g/w.	95	mk + fe		1	quartz : 2028	0.09
28	29	ptly.silic.	25	mk + fe		1	siltstone: 2029	0.13
29	30		100	mk	lim on jts	1	quartz : 2030	0.04
30	31	ptly silic.rb f-mg g/w + s/st.	10	mk		1	g/w +s/st: 2031	0.08
31	32	ptly silic. rb gy ppl f-cg g/w	min			1	greywache: 2032	0.05
TOP OF FRESH ROCK		DAMP AT	COMMENTS		SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT			OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR.2.

page 2. of 3.

PROJECT PERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5250 N.
DECLINATION 60
AZIM. 321
TOTAL DEPTH. 92
ELEVATION 1175 m

LOGGED BY R.ANGUS
DATE. 3&4/7/88

DEPTH M.	DESCRIPTION	QUARTZ	LIM.	WEATH.	LITROL.	SAMPLE	Au
FROM TO		%	DESCRIPT.	SULPH.	CODE	NUMBER	g/t
32 : 33	rb s/st. + f-mg g/w	25	fe	1	greywache	2033	0.36
33 : 34	rg,gn s/st. fg g/w.	1-2	:	1	s/st-g/w	2034	0.07
34 : 35	gn y rb fg g/w - s/st.	1-2	:	1	s/st-g/w	2035	0.11
35 : 36	gn y +rb s/st - fg g/w	5	fe	1	s/st-g/w	2036	0.12
36 : 37	gn y +rb s/st - fg g/w	30	fe	1	s/st-g/w	2037	0.18
37 : 38	gn y +rb s/st - fg g/w. ptly bleached	25	:	1	s/st-g/w	2038	0.11
38 : 39	rb gn y s/st.-mg g/w	0	:	1	s/st-g/w	2039	0.05
39 : 40	rb min gn s/st. - fg g/w.	60-70	fe	1	s/st-g/w	2040	0.14
40 : 41	gn min y/b shale- s/st. min fg g/w.	50	fe	1	s/st-shal	2041	0.11
41 : 42	gn min y/b s/st. - fg g/w. .5% blk miner.	30	fe	1	s/st-gwch	2042	0.35
42 : 43	gn min y/b s/st. - fg g/w. .5% blk miner.	30	:	1	s/st-gwch	2043	0.29
43 : 44	rg yb m-cg g/w min s/st. f- mg g/w	5-10	:	1	s/st-gwch	2044	0.09
44 : 45	gn rb s/st. f-mg g/w	1-2	:	1	s/st-gwch	2045	0.71
45 : 46	rg yb m-cg g/w min s/st. f- mg g/w	0	:	1	s/st-gwch	2046	0.78
46 : 47	rb s/st f-mg g/w	min	:	1	s/st-gwch	2047	0.22
47 : 48	rb s/st f-mg g/w	0	:	1	s/st-gwch	2048	0.09
48 : 49	r/gn s/st. m-cg g/w bleached	5	mk	1	s/st-gwch	2049	0.09
49 : 50	y/gn + r s/st.f-mg g/w	5	mk	1	s/st-gwch	2050	0.05
50 : 51	gn yb sh/s.st./fg g/w	30	mk	1	sh/ss/gw	2051	0.15
51 : 52	gn yb sh/s.st./fg g/w c' clay	25	mk	1	s/st-gwch	2052	0.17
52 : 53	yb sh/ss./cly	10	mk	1	s/st-sh	2053	0.13
53 : 54	yb s/st. fg g/w	50	mk	1-2	s/st-gwch	2054	0.26
54 : 55	yb rb s/st. f-mg g/w	30	mk + fe	2	s/st-gwch	2055	0.08
55 : 56	yb f-mg g/w min gn s/st.	50	mk	1	greywache	2056	0.12
56 : 57	r/yb s/st. f-mg g/w c' qtz /lim veinlets	1-2	fe	1	s/st-gwch	2057	0.05
57 : 58	gn yb s/st, f-g g/w	min	:	1	s/st-gwch	2058	0.08
58 : 59	gn yb s/st, f-g g/w	0	:	1	s/st-gwch	2059	0.04
59 : 60	rb min yb s/st. f-mg g/w	2-5	mk	1	s/st-gwch	2060	0.04
60 : 61	y/gn rb s/st. f-mg g/w	:	:	1	s/st-gwch	2061	0.03
61 : 62	y/gn sh/s.st. fine q/lim veinlets	:	:	1	s/st-gwch	2062	0.03
62 : 63	bleached lt. gn ppl sh/s.st./fg g/w	:	:	:	s/st-gwch	2063	0.04
63 : 64	bleached lt. gn ppl sh/s.st./fg g/w	:	:	:	s/st-gwch	2064	0.03
TOP OF FRESH ROCK		DAMP AT		COMMENTS		SAMPLE RECOVERY	
BASE OF COMPLETE OXIDATION		WATER AT				OTHER	

page 3. of 3 .

LOGGED BY.R.ANGUS
DATE. 3&4/7/88

DECLINATION	60
AZIM.	321
TOTAL DEPTH.	92
ELEVATION	1175 m

[illegible]

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 3.

page 1. of 4.

PROJECT	FERGUSSON RIVER	COORDINATES		LOGGED BY M.I.H
PROSPECT	WOOLGHI	5250 N.	10019 E.	DATE 11/8/88
DRILLING		DECLINATION	57	
COMPANY	GAEDENS	AZIM.	321	
MACHINE		TOTAL DEPTH.	100	
METHOD	R.C.	ELEVATION	1182 M.	

DEPTH M.		QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE: Au	
FROM	TO	%	DESCRIPT.	SULPH.%	CODE	NUMBER	g/t
0	1		fill				
1	2		rb min gngy fg gwe min.silic. fe on jts		greywache	3002	0.01
2	3		rb min gngy fg gwe min.silic. fe on jts		greywache	3003	0.01
3	4	tr	b f-mg gwe +rb sst./sh	cl	min lim	1	greywache: 3004 : 0.02
4	5		rb b m-cg gwe +rb s/st/sh min lt gn s/st		1	greywache: 3005 : 0.02	
5	6		rb b m-cg gwe +rb s/st/sh min lt gn s/st		1	greywache: 3006 : 0.01	
6	7		rb b m-cg gwe +rb s/st/sh min lt gn s/st		1	greywache: 3007 : 0.01	
7	8	min	mg gwe + rb sst./sh min lt. gn silic.s.st	fe	lim/fe 2-5%	1	greywache: 3008 : 0.49
8	9		rb m-cg gwe +rb gwe min wh. cly		1	greywache: 3009 : 0.05	
9	10	65	rb gy s.st/fg gwe	cl fe	10% lim	1	s/st./gwe: 3010 : 0.60
10	11		rb sst./mg gwe		min. lim	1	greywache: 3011 : 0.04
11	12		rb b mg gwe		1	greywache: 3012 : 0.01	
12	13		rb b mg gwe		1	greywache: 3013 : 0.01	
13	14		rb m-cg gwe		1	greywache: 3014 : 0.01	
14	15		rb m-cg gwe		1	greywache: 3015 : 0.02	
15	16		lt b gy & rb mg gwe		min lim	1	greywache: 3016 : 0.01
16	17	min	lt b gy & rb mg gwe		1	greywache: 3017 : 0.88	
17	18		rb m-cg gwe fe on jts		1	greywache: 3018 : 0.01	
18	19	tr	rb f-mg gwe		1% lim	1	greywache: 3019 : 0.02
19	20		rb +lt b f-mg gwe		min lim	1	greywache: 3020 : 0.04
20	21		rb lt.b & yb f-mg gwe		min lim	1	greywache: 3021 : 0.01
21	22		rb f-mg gwe + yb s/st		tr lim	1	greywache: 3022 : 0.03
22	23		rb fg gwe +yb gy gwe			1	greywache: 3023 : 0.01
23	24		lt gy gwe min yb +rb gwe		min. lim	1	greywache: 3024 : 0.01
24	25	10	rb gn s.st/fg gwer	cl fe	lim c qtz	1	s/st./gwe: 3025 : 0.07
25	26	min	rb ppl mg gwe +yb s.st		min lim	1	greywache: 3026 : 7.93
26	27		rb ppl mg gwe +yb s.st		tr lim	1	greywache: 3027 : 0.07
27	28		rb yb gwe/sd/st.		min lim	1	greywache: 3028 : 0.02
28	29		b pol. gn s/st.		lim on jts	1	siltstone: 3029 : 0.01
29	30		rb mg gwe yb s/st.		tr lim on jts	1	greywache: 3030 : 0.01
30	31		rb min yb s/st.		tr lim on jts	1	siltstone: 3031 : 0.01
31	32	10	gy mg gwe + rb s/st.	cl lim		1	greywache: 3032 : 0.01
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR. 3.

page 2. of 4.

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5250 N.
DECLINATION 57
AZIM. 321
TOTAL DEPTH. 100
ELEVATION 1183 m

LOGGED BY M.I.H
DATE. 11/8/88

DEPTH M.	DESCRIPTION	QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE	Au
FROM	TO	%	DESCRIPT.	SULPH.	CODE	NUMBER	g/t
32	33	rb & rb gwe/s/st.	min vnlets	fe/q vnlets	1	graywache	3033 : 0.01
33	34	lt. b s/st. + rb ag gwe	rare		1	siltstone	3034 : 0.01
34	35	rb s/st. + min gy gwe			1	siltstone	3035 : 0.02
35	36	rb ag +b cy gwe		lim on jts	1	graywache	3036 :lt.01
36	37	b & rb m-cy gwe		lim on jts	1	graywache	3037 :lt.01
37	38	rb + yb f-mg gwe/s/st.		lim on jts	1	gwe/s/st.	3038 :lt.01
38	39	rb + yb f-mg gwe/s/st.	min	1-2% lim	1	gwe/s/st.	3039 : 0.34
39	40	rb + yb f-mg gwe/s/st.			1	gwe/s/st.	3040 :lt.01
40	41	b rb & lt gn gwe		tr lim	1	graywache	3041 : 0.01
41	42	rb s/st		min lim	1	siltstone	3042 :lt.01
42	43	rb fg gwe/s.st.		10% lim.	1	gwe/s/st.	3043 : 0.48
43	44	rb fg gwe/s.st.	min	1-2% lim/sulph	1	gwe/s/st.	3044 : 0.07
44	45	rb s/st		5% lim/sulph.	1	siltstone	3045 : 0.04
45	46	rb m-fg gwe/s.st.		min lim	1	gwe/s/st.	3046 : 0.02
46	47	rb lt b m-cy gwe			1	graywache	3047 : 0.02
47	48	hit problem small sample		fe/q	1		3048 : 0.05
48	49	rb b s.st./fg gwe	tr		1	s/st./gwe	3049 : 2.37
49	50	rb mg gwe +b cy gwe lim on jts	tr	fe	1	graywache	3050 : 1.00
50	51	rb mg gwe +b cy gwe min lt. gn s/st.		5% lim after sul	1	graywache	3051 : 0.07
51	52	rb mg gwe +b cy gwe min lt. gn s/st.	1-2	fe 10% lim	1	graywache	3052 :lt.01
52	53	quartz + limonite	35	cl mky fe:10% lim goethite	1	quartz	3053 : 0.03
53	54	problem with sample return			1		3054 : 0.15
54	55	lt gn s/st. +b fg gwe	2-5	fe lim common	1	siltstone	3055 : 0.21
55	56	min gn s/st.	30	mky fe 10-15 % lim	1	quartz	3056 : 0.26
56	57	min gn s/st.	50	fe 50% lim /goeth.	1	quartz	3057 : 0.04
57	58	rb s/st. +min lt gn s/st.	50	mky cl fe:10-15% lim	1	siltstone	3058 : 0.20
58	59	min b s/st.	90	mky 5-10% lim	1	quartz	3059 : 0.15
59	60	quartz + lim	80	mky 10-15% lim/goeth.	1	quartz	3060 : 0.13
60	61	gn s/st.	60	mky cl fe:5-10% lim/goeth.	1	siltstone	3061 : 6.26
61	62	lt. gn +b s/st.	60	mky 2-5% lim	1	siltstone	3062 : 1.36
62	63	lt. yb +gn s/st.	35	mky fe 10-15% lim	1	siltstone	3063 : 0.25
63	64	lt.gn + b s/st.	60	mky 10-15% lim	1	siltstone	3064 : 0.26
TOP OF FRESH ROCK		DAMP AT	COMMENTS SAMPLE RECOVERY				
BASE OF COMPLETE OXIDATION		WATER AT	OTHER				

MINING MANAGEMENT SERVICES PTY LTD.

DRILL LOG

HOLE NO. FR. 3.

page 3. of 4..

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5250 N.
DECLINATION 57
AZIM. 321
TOTAL DEPTH. 100
ELEVATION 1183 m

LOGGED BY M.I.H
DATE. 11/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO	DESCRIP.	SULPH. %				
64	65	min yb s/st.	80 :mky fe	:15-20% lim	1 :quartz	3065	0.26
65	66	lt. yb +h s/st/	60 :mky	:10-15% lim/goeth.	1 :siltstone	3066	0.13
66	67	lt. gn min b s/st.	50 :mky	:10% lim	1 :siltstone	3067	0.17
67	68	min lt. gn s/st. tr wh cly	75 :mky	:10% lim	1 :siltstone	3068	0.18
68	69	lt. gn s/st/sh	45 :mky cl	:5% lim/goeth.	1 :siltstone	3069	0.15
69	70	lt. gn s/st./fg gwe	:1-2 :mky	:1% lim +1% aspy	2 :s/st./gwe	3070	0.05
70	71	gn + lt b s/st.	:2-5 :mky	:1-2% py aspy pyr.	2 :siltstone	3071	0.15
71	72	lt. gn gy s/st./fg gwe	30 :mky cl	:5% lim tr sulph	2 :s/st./gwe	3072	0.13
72	73	lt. gn + yrb s/st. ppl staining	:2-5 :mky	:1% aspy+py	2 :siltstone	3073	0.03
73	74	lt. gn s/st./sh +min ryb s/st/fg gwe	70 :mky	:2-5% lim	2 :s/st./sh	3074	0.21
74	75	lt. gn +yb s/st./fg gwe	50 :mky	:min lim tr aspy	2 :s/st./sh	3075	0.53
75	76	fresh dk gn mg gwe + 25% yb silic. s/st.	min :mky	:5% aspy tr py	2 :greywache	3076	0.20
76	77	yrb + lt. gn m-cg gwe	60 :mky	:tr aspy fe vlets:	2 :greywache	3077	0.07
77	78	dk gn s/st./sh + fg gwe min rb sh fresh	2 :mky	:vlets qtz	3 :s/st./sh	3078	0.03
78	79	interbed dk gn +rb f-mg gwe vlets of qtz lt lim:	min :	:tr sulph.	3 :greywache	3079	0.01
79	80	dk gn +rb m-cg gwe	0 :	:tr sulph	3 :greywache	3080	0.01
80	81	altered lt. gn mg gwe + rb s/st./sh	:	:lim/sulph.10-15%	3 :greywache	3081	0.07
81	82	fresh blk alt. sulp.sted. dk gn +min ppl s/st.	tr :	:25%py	3 :gwe/s/st.:	3082	0.60
82	83	dk gn s/st./fg gwe diss sulph.	10 :mky py	:5% py	3 :gwe/s/st.:	3083	0.54
83	84	dk + lt. gn m-cg gwe	:1-2 :mky	:2-3%py aspy diss:	3 :greywache	3084	0.04
84	85	dk gygn fg gwe	tr :	:tr sulph.	3 :greywache	3085	0.05
85	86	dk gygn s/st/sh	0 :tr sulph.:	:	3 :s/st./sh	3086	0.01
86	87	dk gygn f-mg gwe	:	:2-3% lim/qtz	3 :greywache	3087	0.02
87	88	dk gy gn sulphitic sh.	tr :py	:10% py aspy	3 :shale	3088	0.57
88	89	lt. gn s/st. + dk gn mg gwe	30 :mky.	:2-5% aspy	3 :siltstone	3089	0.40
89	90	gnb s/st.+ min dk gn gwe	5 :mky	:tr py	3 :siltstone	3090	0.08
90	91	dk gy sh/fg gwe	:	:	3 :greywache	3091	0.22
91	92	dk gy +gygn mg gwe	:	:tr aspy	3 :greywache	3092	0.06
92	93	dk gn + gy mg gwe	:10-15:mky	:tr aspy	3 :greywache	3093	0.27
93	94	dk gn + gy mg gwe	tr :	:1% aspy	3 :greywache	3094	0.09
94	95	dk gn + gy mg gwe	:2-5 :mky py	:2-3%py aspy	3 :greywache	3095	0.23
95	96	dk gn + gy mg gwe	0 :	:5-7% sulp.to 5mm:	3 :greywache	3096	0.78
TOP OF FRESH ROCK		DAMP AT	COMMENTS SAMPLE RECOVERY				
BASE OF COMPLETE OXIDATION		WATER AT	OTHER				

DRILL LOG

HOLE NO. FR. 3.

page 4. of 4 .

COORDINATES
5250 N.

10019 E.

LOGGED BY:M.I.H

DATE. 11/8/88

DECLINATION
AZIM.

57

MACHINE

TOTAL DEPTH.

321

METHOD R.C.

ELEVATION

1183 2

PAGE 10.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO FR 4

page 1. of 4.

PROJECT FERGUSON RIVER
PROSPECT WOOLGRI

COORDINATES

5250 N.

10043 E.

LOGGED BY R. ANGUS

DATE 23/8/88

DRILLING

COMPANY GAEDENS

MACHINE

METHOD R.C.

DECLINATION

61

AZIM.

321

TOTAL DEPTH.

121m.

ELEVATION

1184 M.

DEPTH M.	DESCRIPTION	QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE	Au
FROM TO		%	DESCRPT.	SULPH.	CODE	NUMBER	g/t
0 : 1	:ryb f-mg gwe/s/st	:min	:fe	:	:1 :gwe/s/st	:40001	:0.07
1 : 2	:ryb f-mg gwe/s/st	:10	:fe aspy	:	:1 :gwe/s/st	:40002	:0.01
2 : 3	:ryb min gn mg gwe	:2	:	:	:1 :greywache	:40003	:0.02
3 : 4	:ryb min gn mg gwe	:min	:fe	:	:1 :greywache	:40004	:0.01
4 : 5	:ryb min gn f-mg gwe min s/st	:1-2	:lim	:	:1 :greywache	:40005	:0.04
5 : 6	:ryb mg gwe + s/st+sh	:	:	:	:1 :greywache	:40006	:0.09
6 : 7	:rb min gngy mg gwe min s/st+sh	:1	:y	:	:1 :greywache	:40007	:0.03
7 : 8	:r mg gwe +b sh/s/st.	:	:	:tr fe vlets	:1 :greywache	:40008	:0.03
8 : 9	:rb sh/s/st. min mg gwe	:	:	:	:1 :sh/s/st.	:40009	:0.03
9 : 10	:rgyb + gnyb s/st/sh tr fe vlets	:	:	:	:1 :s/st/sh	:40010	:0.05
10 : 11	:rb min gn sh/s/st.	:5-10	:mky fe sh:fe on jts	:	:1 :sh/s/st.	:40011	:0.05
11 : 12	:ryb sh/s/st. min mg gwe	:tr	:fe	:	:1 :sh/s/st.	:40012	:0.06
12 : 13	:ryb sh/s/st. min mg gwe	:	:	:min fe on jts	:1 :sh/s/st.	:40013	:0.03
13 : 14	:ptly bleached gngy pkrb mg gwe	:	:	:comm. fe on jts	:1 :greywache	:40014	:0.02
14 : 15	:ptly bleached gngy pkrb mg gwe	:	:	:comm. fe on jts	:1 :greywache	:40015	:0.04
15 : 16	:ptly bleached gngy pkrb mg gwe	:	:	:comm. fe on jts	:1 :greywache	:40016	:0.02
16 : 17	:ryb sh/s/st min mg gwe	:2-5	:fe	:min fe vlets	:1 :sh/s/st.	:40017	:0.03
17 : 18	:rygnb mg gwe min s/st	:	:	:tr fe staining	:1 :greywache	:40018	:0.03
18 : 19	:m-cy gwe min sh/s/st	:	:	:tr fe vlets	:1 :greywache	:40019	:0.03
19 : 20	:y gyr m-cy gwe	:	:	:	:1 :greywache	:40020	:0.03
20 : 21	:rb + gn s/st/sh tr fg gwe	:25	:mky	:rare aspy fe sta:	:1 :s/st./sh	:40021	:0.02
21 : 22	:ryb s/st.+ mg gwe	:	:	:min fe on jts	:1 :siltstone	:40022	:0.02
22 : 23	:ryb sh/s/st. tr gwe	:	:	:tr fe vlets	:1 :sh/s/st.	:40023	:0.02
23 : 24	:ryb sh/s/st./f-mg gwe	:	:	:	:1 :sh/s/st.	:40024	:0.02
24 : 25	:ryb mg gwe min sh/s/st.	:	:	:tr fe on jts	:1 :greywache	:40025	:0.02
25 : 26	:ryb sh/s/st	:	:	:min fe on jts	:1 :sh/s/st.	:40026	:0.04
26 : 27	:ryb fg gwe/s/st+sh	:	:	:	:1 :gwe/s/st.	:40027	:0.03
27 : 28	:ryb f-mg gwe min s/st+sh	:	:	:tr fe on jts	:1 :greywache	:40028	:0.04
28 : 29	:gny rb f-mg gwe	:	:	:	:1 :greywache	:40029	:0.02
29 : 30	:gnyrb m-cy gwe	:5	:cl lim	:	:1 :greywache	:40030	:0.03
30 : 31	:gny rb f-mg gwe min s/st	:rare	:fe	:	:1 :greywache	:40031	:0.07
31 : 32	:gygnb mg gwe tr sh	:	:	:fe on jts common:	:1 :greywache	:40032	:0.03
:TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
:BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO FR 4

page 2. of 4.

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI

COORDINATES

5250 N.

10043 E.

LOGGED BY R.ANGUS

DATE. 23/8/88

DRILLING

DECLINATION

61

COMPANY GAEDENS

AZIM.

321

MACHINE

TOTAL DEPTH.

121m.

METHOD R.C.

ELEVATION

1184 M.

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO						
32	33	rb s/st+sh/fg gwe		1	siltstone	40033	0.04
33	34	gn+rb s/st/sh tr gwe	tr fe on jts	1	s/st./sh	40034	0.06
34	35	gnb rb f-mg gwe/s/st.	tr fe on jts	1	gwe/s/st.	40035	0.07
35	36	gnb f-mg gwe	2-5 :mky lim	1	greywache	40036	0.06
36	37	lt gnb rb m-cg gwe + sh/s/st comm. fe on jts	comm. fe on jts	1	greywache	40037	0.05
37	38	gnb rb s/st/fg gwe	comm. fe on jts	1	s/st/gwe	40038	0.06
38	39	lt. gn sh/s/st min gwe		1	sh/s/st	40039	0.06
39	40	dk rb min gn f-mg gwe/s/st+sh	comm. fe on jts	1	gwe/s/st	40040	0.22
40	41	rb min gn mg gwe min s/st/sh		1	greywache	40041	0.01
41	42	rb min gn mg gwe min s/st/sh	tr	1	greywache	40042	0.09
42	43	fg gwe/s/st/sh	min fe sta.	1	gwe/s/st	40043	0.06
43	44	rb min gn mg gwe tr s/st.		1	greywache	40044	0.05
44	45	ptly bleached lt. gn-pk mg gwe min sh	min fe/as on jts	2	greywache	40045	0.03
45	46	lt. gn rb m-cg gwe	min	2	greywache	40046	0.06
46	47	gnpy rb m-cg gwe	2-5 :mky fe sh:lim vlets	2	greywache	40047	0.07
47	48	gnpy ryb mg gwe min s/st/sh	25 :mky	2	greywache	40048	0.06
48	49	gnrb ptly silic. mg gwe	1-2 :y	2	greywache	40049	0.06
49	50	gnryb m-cg gwe	5-10 :mky lim	2	greywache	40050	0.06
50	51	gnpy min y m-cg gwe	fe/q vlets	2	greywache	40051	0.04
51	52	gnpy min y m-cg gwe	min fe staining	2	greywache	40052	0.05
52	53	lt,dk gn min rb f-mg gwe/s/st.	tr py/aspy	2	gwe/s/st.	40053	0.03
53	54	gnpy ryb mg gwe	min fe on jts	2	greywache	40054	0.04
54	55	ryb min gn f-mg gwe	tr fe/aspy on jt	2	greywache	40055	0.03
55	56	rb m-cg gwe	min fe on jts	2	greywache	40056	0.03
56	57	rb min gny sh/s/st. tr gwe	min fe staining	2	sh/s/st.	40057	0.10
57	58	rb mg gwe/s/st+sh		2	gwe/s/st	40058	0.03
58	59	ry gnb m-cg gwe	fe aspy on jts	2	greywache	40059	0.03
59	60	ry gnb m-cg gwe	fe aspy on jts	2	greywache	40060	0.02
60	61	rb gnb sh/s/st rare mg gwe	tr :fe	2	sh/s/st.	40061	0.03
61	62	gnryb f-mg gwe+s/st	min fe st/vlets	2	greywache	40062	0.02
62	63	gnpy rb mg gwe + sh/s/st	comm. fe st/vns	2	greywache	40063	0.02
63	64	freshening gn + rb f-mg gwe + s/st/sh	10 :mky fe	2	greywache	40064	0.22
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO FR 4

page 3. of 4.

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5250 N.
DECLINATION 61
AZIM. 321
TOTAL DEPTH. 121m.
ELEVATION 1184

LOGGED BY R. ANGUS
DATE 23/8/88

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
64	65		freshening gn + rb f-mg gwe + s/st/sh							
65	66		gn + ryb f-mg gwe min sh				2	greywache	4065	0.04
66	67		gn + ryb mg gwe				2	greywache	4066	0.04
67	68		gn min rb f-mg gwe + sh/s/st				2	greywache	4067	0.02
68	69		gn tr yb mg gwe tr sh - s/st.	tr	mky	min fe staining	2	greywache	4068	0.03
69	70		dk gnb f-mg gwe min sh				2	greywache	4069	0.02
70	71		dk gnb f-mg gwe min sh				2	greywache	4070	0.02
71	72		gn + yb s/st. - sh rare gwe				2	greywache	4071	0.04
72	73		gn min ryb sh/s/st tr fg gwe	30	mky py	fe:1-2% sulphide	3	siltstone	4072	0.39
73	74		dk gn f-mg gwe comm fe vlets	tr			3	sh/s/st	4073	0.07
74	75		dk gn b mg gwe tr sh/s/st.			tr diss py	3	greywache	4074	0.03
75	76		dk gn mg gwe + sh				3	greywache	4075	0.03
76	77		dk gn tr yb sh/s/st tr gwe	2	mky py		3	greywache	4076	0.06
77	78		dk gn f-mg gwe	min	mky py		3	sh/s/st.	4077	0.42
78	79		gn min ryb mg gwe min sh/s/st.				3	greywache	4078	0.07
79	80		gn min ryb mg gwe + sh/s/st.				3	greywache	4079	0.04
80	81		dk gn f-mg gwe tr s/st/sh				3	greywache	4080	0.03
81	82		gn min ryb sh/s/st min gwe				3	greywache	4081	0.02
82	83		gn min yb sh/s/st min gwe	5	mky py		3	sh/s/st.	4082	0.02
83	84		gn min yb mg gwe min sh/s/st.				3	sh/s/st.	4083	0.03
84	85		lt. + dk gn s/st/fg gwe min sh	min	mky		3	greywache	4084	0.04
85	86		gn + ryb f-mg gwe/s/st - sh	10-20	mky py		3	s/st./gwe	4085	2.47
86	87		gn + yb sh/s/st min f-mg gwe	tr	mky		3	gwe/s/st.	4086	0.06
87	88		gn min rb s/st./fg gwe min sh	5	py	1% py c fe vlets	3	sh/s/st	4087	0.80
88	89		lt dk gn rare ryb f-mg gwe min sh/s/st.	2-5	mky py		3	s/st/gwe	4088	0.04
89	90		lt dk gn rare ryb f-mg gwe min sh/s/st.	2-5	mky py	tr aspy	3	greywache	4089	0.02
90	91		lt. gn sh/s/st min gwe	10	mky py	tr aspy vlets	3	greywache	4090	0.28
91	92		lt. gn min ryb sh/s/st/fg gwe	10-20	mky py	com as/py/fe vns	3	sh/s/st.	4091	0.50
92	93		gn sh/s/st tr gwe	25	mky py		3	sh/s/st.	4092	0.37
93	94		ptly bleached gn ryb s/st/mg gwe	10-20	mky py	min py/aspy vlet	3	sh/s/st.	4093	2.45
94	95		gn f-mg gwe min sh	5	fe py mky		3	s/st/gwe	4094	1.00
95	96		lt, gn mg gwe + sh-s/st.	5	mky	tr aspy	3	greywache	4095	1.27
				20	mky aspy		3	greywache	4096	0.05
TOP OF FRESH ROCK			DAMP AT	COMMENTS SAMPLE RECOVERY						
BASE OF COMPLETE OXIDATION			WATER AT	OTHER						

page 4. of 4 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI

COORDINATES
5250 N.

10043 E.

LOGGED BY.R.ANGUS
DATE. 23/8/88

DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

DECLINATION	61
AZIM.	321
TOTAL DEPTH.	121m.
ELEVATION	1184 M.

[illegible]

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 5

page 1. of 2.

PROJECT	FERGUSON RIVER	COORDINATES		LOGGED BY R. ANGUS
PROSPECT	WOOLGHI	5300 N.	9994 E.	DATE. 10/8/88
DRILLING		DECLINATION	67	
COMPANY	GAEDERS	AZIM.	321	
MACHINE		TOTAL DEPTH.	54 m.	
METHOD	R.C.	ELEVATION	1174 M.	

DEPTH M.	DESCRIPTION	QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE: Au
FROM	TO	%	DESCRIPT.	SULPH. %	CODE	NUMBER: g/t
0	2	rb min gnb fg gwe +- s/st.+-sh	5	mk	1	greywache: 5002 : 0.09
2	3	rb- gnb f-mg gwe	2-5	tr fe	1	greywache: 5003 : 1.10
3	4	rygnb s/st./fg gwe			1	s/st./gwe: 5004 : 0.10
4	5	rygnb s/st./fg gwe wh cly.	min		1	s/st./gwe: 5005 : 0.08
5	6	clayey gn + yppl s/st. +- fg gwe			1	siltstone: 5006 : 0.07
6	7	fe ryb min gn fg gwe min s/st. +sh	tr		1	greywache: 5007 : 0.15
7	8	min yb s/st.	90	mk sh fe:	1	quartz : 5008 : 0.12
8	9	gnyb min rb m-cg gwe wh. cly	10	mk fe :fe/lim vlets	1	greywache: 5009 : 0.17
9	10	gnyb + rb f-mg gwe fe rich ,min cly	30	fe mk sh:strongly fe	1	greywache: 5010 : 0.11
10	11	rb s/st/sh	10	mk fe :lim staining	1	s/st./sh : 5011 :lt.01
11	12	min ygn sh/s/st	80	p.sh fe :fe/lim vlets com:	1	quartz : 5012 : 0.09
12	13	ppl rb + gnb fg gwe/s/st.+- sh	30	mk :fe stained	1	gwe/s/st.: 5013 : 0.06
13	14	ppl r-yb f-mg gwe min s/st.	40	mk fe :	1	greywache: 5014 : 0.10
14	15	ppl rb s/st./fg gwe	2-5	fe :	1	s/st./sh : 5015 : 0.14
15	16	min gn sh/s/st.	90	mk,sh fe:fe-qtz	1	quartz : 5016 : 0.51
16	17	ryb f-mg gwe min s/st tr blk mineral	60	mk fe :	1	greywache: 5017 : 0.09
17	18	gn ppl yb mg gwe tr s/st.	30	mk fe :min lim. vlets	1	greywache: 5018 : 0.49
18	19	yb min gn s/st./fg gwe	80	shr fe :2-5 % lim	1	quartz : 5019 : 0.80
19	20	gn + yb s/st/sh	40	mk fe :10-20 lim ex-py	1	s/st./sh : 5020 : 2.98
20	21	gn + ryb s/st tr fe lim on jts			1	siltstone: 5021 : 0.46
21	22	quartz & limonite	90	fe :5-10 lim ex-py	1	quartz : 5022 : 1.28
22	23	yb s/st/fg gwe	70	mk fe :min fe vlets	1	s/st/gwe : 5023 : 0.51
23	24	yb s/st fg gwe	60	fe :2-5 % boty lim.	1	s/st/gwe : 5024 : 1.24
24	25	yb s/st./fg gwe	80	fe :tr aspy	2	s/st/gwe : 5025 : 2.23
25	26	yb min gn f-mg gwe min s/st.	60-70	shr fe :fe vlets	2	greywache: 5026 : 0.71
26	27	gnppl ryb fg gwe min s/st	30-40	mk fe :fe vlets	2	greywache: 5027 : 5.34
27	28	gnrb f-mg gwe	30	mk fe :tr lim	2	greywache: 5028 : 0.48
28	29	gnrb f-mg gwe	50	:	2	greywache: 5029 : 0.30
29	30	gnyb tr ppl sh/s/st.			2	sh/s/str.: 5030 : 0.13
30	31	gnyb tr ppl sh/s/st.	50	mk lim :	2	sh/s/str.: 5031 : 0.36
31	32	gnyb tr ppl sh/s/st.	30-40:	tr lim	2	sh/s/str.: 5032 : 0.23
TOP OF FRESH ROCK		DAMP AT	COMMENTS SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT	OTHER			

DRILL LOG

HOLE NO. FR 5

page 2. of 2 .

COORDINATES
5300 N.

9994 E.

LOGGED BY.R.ANGUS
DATE. 10/8/88

DRILLING
COMPANY GARDENS
MACHINE
METHOD R.C.

DECLINATION	67
AZIM.	321
TOTAL DEPTH.	54 m.
ELEVATION	1174 M.

[illegible]

	WIDTH	AM G/T
AVERAGE GRADE OF INTERVAL 1.2M - 54 M.	52.8M @	0.493
AVERAGE GRADE OF INTERVAL 15M - 50 M.	35M @	0.670
AVERAGE GRADE OF INTERVAL 18M - 27 M.	9M @	1.728

PAGE.16.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR. 6

page 1. of 3.

PROJECT	FERGUSON RIVER	COORDINATES		LOGGED BY R. ANGUS
PROSPECT	WOOLGRI	5300 N.	10035 E.	DATE 21/8/88
DRILLING		DECLINATION	60	
COMPANY	GARDENS	AZIM.	321	
MACHINE		TOTAL DEPTH.	87.m.	
METHOD	R.C.	ELEVATION	1183 M.	

DEPTH M.	DESCRIPTION	QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE	Au
FROM	TO	%	DESCRIP.	SULPH.	CODE	NUMBER	g/t
0	1		fill		1		
1	2		lt. rb + gngy mg gwe min s/st.		1	greywache: 6002	0.01
2	3		ryb f-mg gwe min sh/s/st.	tr wh. gy	1	greywache: 6003	0.05
3	4		dk rb mingny s/st+ sh/mg gwe		1	siltstone: 6004	0.09
4	5		ryb min gngy s/st./sh min mg gwe	5 gy wh	1	s/st/gwe: 6005	0.07
5	6		ryb min gnb m-cg gwe min sh.	2 dty	1	greywache: 6006	0.10
6	7		yr - gnb mg gwe tr s/st.	tr	1	greywache: 6007	0.05
7	8		rb s/st/mg gwe		1	greywache: 6008	0.05
8	9		rb min gny mg gwe min s/st		1	greywache: 6009	0.07
9	10		ptly bleached f-mg gwe		1	greywache: 6010	0.06
10	11		yb min lt gn f-mg gwe min s/st	70-80 mky fe sh:	1	greywache: 6011	0.69
11	12		gngy rb mg gwe + sh +s/st		1	greywache: 6012	0.12
12	13		ptly bleached gngy ppl m-cg gwe	10 sug.	1	greywache: 6013	0.38
13	14		rb min gn mg gwe		1	greywache: 6014	0.10
14	15		dk rb mg gwe tr sh		1	greywache: 6015	0.06
15	16		ryb f-mg gwe min sh		1	greywache: 6016	0.07
16	17		ry gnb m-cg gwe		1	greywache: 6017	0.07
17	18		gn ryub mg gwe	min mky	1	greywache: 6018	0.11
18	19		rb min gnb mg gwe/s/st.	min	1	gwe/s/st.: 6019	0.08
19	20		gnrb mg gwe rare yb sh		1	greywache: 6020	0.11
20	21		gnrb mg gwe + sh/s/st.		1	greywache: 6021	0.09
21	22		yrb s/st.+sh/mg gwe		1	s/st.: 6022	0.07
22	23		ryb mg gwe		1	greywache: 6023	0.07
23	24		ryb gn mg gwe/sh/s/st.		1	gwe/sh: 6024	0.08
24	25		yrb sh/s/st. + mg gwe		1	sh/s/st.: 6025	0.08
25	26		ryb mg gwe min s/st.+sh		1	greywache: 6026	0.10
26	27		lt gn + pplrb sh/s/st. tr gwe	30 dty fe	1	sh/s/st.: 6027	4.86
27	28		rb mg gwe/sh+s/str.	min fe	1	gwe/sh: 6028	0.13
28	29		ryb + gngy sh/-s/st./mgf gwe		1	sh/s/st.: 6029	0.11
29	30		gn + ryb m-cg gwe/sh+s/st.	rare	1	gwe/sh: 6030	0.10
30	31		dk rb sh/s/st. + mg gwe	2-5 mky	1	sh/s/st.: 6031	0.22
31	32		ryb sh/s/st. tr gwe	tr	1	sh/s/st.: 6032	0.09
TOP OF FRESH ROCK		DAMP AT	COMMENTS SAMPLE RECOVERY				
BASE OF COMPLETE OXIDATION		WATER AT	OTHER				

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG	HOLE NO. FR. 6	page 2. of 3.
PROJECT FERGUSON RIVER	COORDINATES	LOGGED BY R. ANGUS
PROSPECT WOOLGHI	5300 N. 10035 E.	DATE 21/8/88
DRILLING	DECLINATION 60	
COMPANY GAEDENS	AZIM. 321	
MACHINE	TOTAL DEPTH. 87.m.	
METHOD R.C.	ELEVATION 1183 M.	

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO						
32	33	ryb min gnb sh/s/st. + mg gwe min blk/bl miner.	2-5 mky fe	fe on jts	1 sh/s/st.	6033	0.13
33	34	ryyb min gn f-mg gwe min fe on jts	10-20 mky fe		1 graywache	6034	0.13
34	35	ryyb min yb + gn mg gwe/sd/st.		comm fe sted jts	1 gwe/s/st.	6035	0.11
35	36	rb + gn s/st./sh min mg gwe min blk/bl min		rare fe vlets	1 s/st./sh	6036	0.13
36	37	ryb + gnb s/st+ sh/fg gwe		comm. fe jts	1 siltstone	6037	0.10
37	38	ryb + gngy m-cg gwe min fe sted jts			1 graywache	6038	0.09
38	39	lt. gn + ryb sh/s/sdt. min mg gwe			1 sh/s/st.	6039	0.08
39	40	ryb min gn s/st.	10-20 gy cl fe	rare fe vlets	1 siltstone	6040	0.19
40	41	ptly bleached ryb + gn mg gwe tr s/st			1 graywache	6041	0.12
41	42	ryb + gn f-mg gwe min s/st.		min fe st.	1 graywache	6042	0.10
42	43	ryb min gn m-cg gwe	tr		1 graywache	6043	0.09
43	44	dk rb m-cg gwe		min fe on jts	1 graywache	6044	0.08
44	45	dk rb m-cg gwe			1 graywache	6045	0.20
45	46	rb min bgn s/st./sh min gwe min bl/blk mineral			1 s/st./sh	6046	0.13
46	47	rb min gy mg gwe/s/st.		common fe stains	1 gwe/s/st.	6047	0.08
47	48	rb min gy mg gwe/s/st. 5-10% blk/bl mineral	min		1 gwe/s/st.	6048	0.13
48	49	ryb min gnb f-mg gwe 5% blk mineral	min	tr fe vlets	2 graywache	6049	0.10
49	50	rb tr gn f-mg gwe min s/st. 2-5% blk mineral	2-5 dty y		2 graywache	6050	0.10
50	51	ryb min gn mg gwe min s/st/sh		min lim on jts	2 graywache	6051	0.11
51	52	rb f-mg gwe	30 mky	fe stain on jts	2 graywache	6052	0.12
52	53	ryyb mg gwe tr cherty sh	min		2 graywache	6053	0.10
53	54	gnryb sh/s/st./mg gwe		tr fe vlet	2 sh/s/st.	6054	0.13
54	55	ryb + gn sh/s/st. min fg gwe	1-2 fe	min fe vlets	2 sh/s/st.	6055	0.12
55	56	ryb + gn f-mg gwe min s/st		fe on jts	2 graywache	6056	0.09
56	57	gnryb s/st/f-mg gwe comm. fe on jts		fe on jts	2 graywache	6057	0.13
57	58	ryb min gn sh/s/st. min mg gwe	min mky	fe on jts	2 sh/s/st.	6058	0.09
58	59	ryb sh/s/st + mg gwe		comm. fe on jts	2 sh/s/st.	6059	0.22
59	60	ryb f-mg gwe +- s/st. min fe on jts			2 graywache	6060	0.41
60	61	rb f-mg gwe min s/st.	min mky		2 graywache	6061	0.16
61	62	rb s/st/fg gwe	10 mky fe		2 graywache	6062	0.10
62	63	rb fg gwe/s/st.	min dty	comm. fe on jts	2 gwe/s/st.	6063	0.13
63	64	rb s/st.		fe on jts/st.	2 siltstone	6064	0.10
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

DRILL LOG

HOLE NO. FR. 6

page 3. of 3 .

COORDINATES

5300 N.

10035 E.

LOGGED BY: R. ANGUS

DATE. 21/8/88

DRILLING

DECLINATION

60

COMPANY GARDENS

AZIM.

321

MACHINE

TOTAL DEPTH.

87. 11.

METHOD R.C.

ELEVATION

1183 M.

:TOP OF FRESH ROCK

DAMP AT

COMMENTS SAMPLE RECOVERY

:BASE OF COMPLETE OXIDATION

WATER AT

OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR . 7.

page 1. of 2 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5350 N. 10035 E.
DECLINATION 60
AZIM. 321
TOTAL DEPTH. 54
ELEVATION 1169 M.

LOGGED BY R.ANGUS
DATE. 6/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. SULPH %	WEATH. CODE	LITOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO						
0	1 :fill			1		7002	0.06
1	2 :fill			1		7002	0.06
2	3 :yb min gn p. slic m-cg gwe	1 :cl gy mky		1	greywache	7003	0.03
3	4 :yb min gn p. slic m-cg gwe	1 :cl gy mky		1	greywache	7004	0.08
4	5 :yb min gn p. slic m-cg gwe min s/st/sh	2-5		1	greywache	7005	0.05
5	6 :gn b + ryb s/st/sh +fg gwe common gn-wh clay			1	s/st./sh	7006	0.04
6	7 :gn b + ryb s/st/sh +fg gwe			1	s/st./sh	7007	0.07
7	8 :rb sh +yb f-mg gwe			1	greywache	7008	0.19
8	9 :rb sh +yb f-mg gwe			1	greywache	7009	0.04
9	10 :ryb m-cg gwe			1	greywache	7010	0.04
10	11 :ryb banded sh/st. min mg gwe	1 :fe/q		1	sh/s/st.	7011	0.07
11	12 :ryb s/st/sh min mg gwe			1	s/st./sh	7012	0.07
12	13 :m-cg gwe min sh/st.			1	greywache	7013	0.16
13	14 :ppl yb m-cg gwe			1	greywache	7014	0.03
14	15 :gn gy s/st./sh fg gwe	30-40:mky		1	s/st./sh	7015	0.11
15	16 :gn +ryb f-mg gwe min sh/st.lim on jts		common on jts	1	greywache	7016	0.06
16	17 :yrb m-cg gwe min sh/st,			1	greywache	7017	0.07
17	18 :gn yb m-cg gwe	tr	common on jts	1	greywache	7018	0.14
18	19 :gn yb m-cg gwe			1	greywache	7019	0.08
19	20 :gn yb m-cg gwe tr s/st	tr :fe		1	greywache	7020	0.10
20	21 :sh/st. + mg-cg gwe			1	sh/s/st.	7021	0.09
21	22 :yrb m-cg gwe 5% blk mineral			1	greywache	7022	0.04
22	23 :yrb m-cg gwe 1% blk mineral	2-5 :mky		1	greywache	7023	0.05
23	24 :yrb m-cg gwe			1	greywache	7024	0.06
24	25 :gn yb m-cg gwe tr s/st			1	greywache	7025	0.01
25	26 :gn yb mg gwe min sh/st.			1	greywache	7026	0.02
26	27 :gn ryb sh/st. min f-mg gwe qtz veinlets			1	sh/s/st.	7027	0.03
27	28 :gn yb f-mg gwe min s/st.			1	greywache	7028	0.01
28	29 :gn + r mg gwe	5-10 :mky fe		1	greywache	7029	0.09
29	30 :ryb sh/s/st. min fg gwe			1	sh/s/st.	7030	0.02
30	31 :ryb + gn s/st./sh +f-mg gwe			1	s/st/sh	7031	0.06
31	32 :yb +ppl s/st/sh	5-10 :mky		1	s/st./sh	7032	0.04
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

DRILL LOG

HOLE NO. FR 7

page 1. of 2 .

COORDINATES

5350 N.

10035 E.

LOGGED BY R. ANGUS

DATE. 6/8/88

DECLINATION

60

AZIM.

321

MACHINE

TOTAL DEPTH.

54

METHOD R.C.

ELEVATION

1169 M.

PAGE. 21.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR. 8

page 1. of 3.

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5350 N. 10066 E.
DECLINATION 60
AZIM. 321
TOTAL DEPTH. 75.m.
ELEVATION 1175 M.

LOGGED BY R.ANGUS
DATE. 29/8/88

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
0	1		rb mg gwe	min		weak lim	1	greywache	8001	0.20
1	2		rb mg gwe	10	dtv		1	greywache	8002	0.07
2	3		ryb min lt. gn f-mg gwe +s/st.	5-10	fe		1	greywache	8003	0.12
3	4		ryb m-cg gwe	10-20	fe		1	greywache	8004	0.16
4	5		ryb m-cg gwe	5-10			1	greywache	8005	0.07
5	6		ryb m-cg gwe	20	fe		1	greywache	8006	0.07
6	7		rb mg gwe	5	shr fe		1	greywache	8007	0.04
7	8		rb fg gwe	5-10	dtv fe	fe stained jts	1	greywache	8008	0.24
8	9		rb m-cg gwe 5% wh. cly	5	mky	fe jts	1	greywache	8009	0.16
9	10		ryb min lt.gngy mg gwe min s/st.	5	dtv. y		1	greywache	8010	0.17
10	11		rb + lt gn fn mg gwe + sh/s/st.				1	greywache	8011	0.09
11	12		lt. gn b min rb f-mg gwe	tr			1	greywache	8012	0.11
12	13		ryb min gnb s/st. min fg gwe			tr fe on jts	1	siltstone	8013	0.19
13	14		rb sh/s/st. + f-mg gwe	10	fe		1	sh/s/st.	8014	0.42
14	15		lt. gn ppl tr ryb sh/s/st.	10-20	fe	tr lim	1	sh/s/st.	8015	0.19
15	16		ryb + gnb sh/s/st.			min fe st.	1	sh/s/st.	8016	0.25
16	17		ptly bleached ryb s/st./sh tr fg gwe	10	fe		1	s/st./sh	8017	0.04
17	18		rb min gn f-mg gwe + s/st/sh	5-10			1	greywache	8018	0.03
18	19		ryb tr gn mg gwe tr s/st.	min		min fe on jts	1	greywache	8019	0.06
19	20		lt. rb min gnb m-cg gwe				1	greywache	8020	0.03
20	21		gngy ppl rb sh/s/st. tr gwe	2-5	dtv fe	tr lim	1	sh/s/st.	8021	0.09
21	22		gn yrb mg gwe tr sh	min		min fe on jts	1	greywache	8022	0.05
22	23		ryb mg gwe + sh/s/st. 5-10%blk mineral				1	greywache	8023	0.03
23	24		ryb mg gwe min sh/s/st.	10	mky	min fe staining	1	greywache	8024	0.06
24	25		ryb m-cg gwe				1	greywache	8025	0.05
25	26		ry gnb mg gwe	5-10	min fe	fe on jts	1	greywache	8026	0.04
26	27		ryb s/st/sh/fg gwe	2-5	mky	common fe st.	1	s/st./sh	8027	0.03
27	28		ryb min ghn sh/s/st. + f-mg gwe	min		fe stain./vlets	1	sh/s/st.	8028	0.02
28	29		ryb min ghn sh/s/st. + f-mg gwe				1	sh/s/st	8029	0.03
29	30		rb + lt gn sh/s/st.			min lim	1	sh/s/st.	8030	0.05
30	31		rb min gn m-cg gwe tr sh/s/st.				1	greywache	8031	0.17
31	32		r + gn f-mg gwe				1	greywache	8032	0.03
TOP OF FRESH ROCK			DAMP AT	COMMENTS SAMPLE RECOVERY						
BASE OF COMPLETE OXIDATION			WATER AT	OTHER						

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR. 8

page 2. of 3.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GARDENS
MACHINE
METHOD R.C.

COORDINATES
5350 N. 10066 E.
DECLINATION 60
AZIM. 321
TOTAL DEPTH. 75.m.
ELEVATION 1175 M.

LOGGED BY R.ANGUS
DATE. 29/8/88

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
32	33		:ryb tr gn sh/s/st. min gwe		:tr fe vlets		1	:sh/s/st	8033	0.02
33	34		:gn + r ptly slic. f-mg gwe/s/st.		:min fe vlets		1	:gwe/s/st.	8034	0.03
34	35		:ryb min gn f-mg gwe		:tr fe vlets		1	:greywache	8035	0.03
35	36		:ryb min gn f-mg gwe		:tr fe vlets		1	:greywache	8036	0.06
36	37		:ryb f-mg gwe		:fe common		1	:greywache	8037	0.04
37	38		:ryb sh. rare gwe		:fe common		1	:greywache	8038	0.02
38	39		:ryb min gn mg gwe min sh/s/st.		:min fe on jts		1	:greywache	8039	0.05
39	40		:rb min gn s/st./sh tr gwe				1	:s/st./sh	8040	0.02
40	41		:ryb mg gwe tr s/st.		:tr fe vlets		1	:greywache	8041	0.21
41	42		:ryb mg gwe tr s/st.		:tr fe vlets		1	:greywache	8042	lt.01
42	43		:ryb min fresh gwe m-cg gwe tr s/st		:tr fe vlets		1	:greywache	8043	lt.01
43	44		:gnyb m-cg gwe		:min fe vlets		1	:greywache	8044	lt.01
44	45		:gnyb m-cg gwe + ryb sh/s/st.				1	:greywache	8045	lt.01
45	46		:gnyb sh/s/st./f-mg gwe				1	:sh/s/st.	8046	lt.01
46	47		:gnyb sh/s/st./f-mg gwe				1	:sh/s/st.	8047	0.04
47	48		:gnyb mg gwe	:min	:fe on jts		1	:greywache	8048	lt.01
48	49		:gn + yb f- mg gwe min s/st.				1	:greywache	8049	lt.01
49	50		:gn min rb s/st/sh min f-mg gwe				1	:s/st./sh	8050	lt.01
50	51		:gn min rb f-mg gwe		:tr py		2	:greywache	8051	lt.01
51	52		:ptly bleached lt. gn rb f-mg gwe tr s/st.	60	:fe mky		2	:greywache	8052	0.13
52	53		:lt. gnph sh/s/st. min gwe		:comm. diss py		2	:sh/s/st.	8053	0.03
53	54		:lt.-dk gn tr rb mg gwe min sh/s/st		:2%dis as/py/lim		2	:greywache	8054	0.06
54	55		:gn rfn mg gwe	5	:cl mky su:rare py		2	:greywache	8055	lt.01
55	56		:lt.- dk gn f-mg gwe ptly slic.				2	:greywache	8056	lt.01
56	57		:ptly slic. ryb +gn f-mg gwe/s/st.				2	:gwe/s/st.	8057	lt.01
57	58		:ryb min gn s/st+-sh/fq gwe		:rare fe v:		2	:s/st.	8058	lt.01
58	59		:ptly silic. gn f-mg gwe	:tr	:fe py		2	:greywache	8059	0.04
59	60		:gn min rppl/yb f-mg gwe				2	:greywache	8060	lt.01
60	61		:gn min yb mg gwe/s/st.+sh				2	:gwe/s/st.	8061	lt.01
61	62		:gn min yb fg gwe/s/st.	1-2	:sug.		2	:gwe/s/st.	8062	lt.01
62	63		:gn min yb f-mg gwe				2	:greywache	8063	lt.01
63	64		:ryb min gn mg gwe		:comm. fe on jts		2	:greywache	8064	lt.01
:TOP OF FRESH ROCK			DAMP AT	COMMENTS	SAMPLE RECOVERY					
:BASE OF COMPLETE OXIDATION			WATER AT		OTHER					

DRILL LOG

HOLE NO. FR. 8

page 2. of 3 .

PROJECT FERGUSON RIVER
PROSPECT WOOLHI
DRILLING
COMPANY GARDENS
MACHINE
METHOD R.C.

COORDINATES	
5350 N.	
DECLINATION	60
AZIM.	321
TOTAL DEPTH.	75.m.
ELEVATION	1175' M.

LOGGED BY.R.ANGUS
DATE. 29/8/88

PAGE 24.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR9

page 1. of 2 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GARDENS
MACHINE
METHOD R.C.

COORDINATES
5449 N. 10025 E.
DECLINATION 65
AZIM. 321
TOTAL DEPTH. 50.M.
ELEVATION 1154 M.

LOGGED BY R.ANGUS
DATE. 6/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO						
0	1	FILL					
1	2	FILL					
2	3	FILL					
3	4	FILL					
4	5	ryb mg gwe	min :aky		1 :greywache	9005	0.06
5	6	ryb f-mg gwe	1 :fe		1 :greywache	9006	0.04
6	7	ryb f-mg gwe	2 :fe		1 :greywache	9007	0.05
7	8	gnb rb mg gwe	min :fe sm gy		1 :greywache	9008	0.03
8	9	gn gy yb mg gwe			1 :greywache	9009	0.03
9	10	gn gy yb f- mg gwe			1 :greywache	9010	0.04
10	11	gn gy yb f- mg gwe			1 :greywache	9011	0.04
11	12	gn gy yb mg gwe	min :fe		1 :greywache	9012	0.05
12	13	ptly bleached gn gy rb sh + s.st /mg gwe	1 :aky		1 :shale	9013	0.04
13	14	ryb sh/s.st min mg gwe			1 :shale	9014	0.02
14	15	ryb sh/s.st min mg gwe	tr :fe	lim on joints	1 :shale	9015	lt.01
15	16	r(fe) min rb sh min s.st. f-mg gwe			1 :shale	9016	lt.01
16	17	yb + rf-mg gwe + s.st/sh			1 :greywache	9017	lt.01
17	18	ryb mg gwe min s.st.			1 :greywache	9018	lt.01
18	19	rb gny s.st./sh min f-mg gwe fe stain jts			1 :s.st/sh	9019	lt.01
19	20	rb gny s.st./sh min f-mg gwe fe stain jts			1 :s.st/sh	9020	lt.01
20	21	ry gyb mg-cg gwe			1 :greywache	9021	lt.01
21	22	ptly silic. gn gy yrb mg gwe + s.st		lim haem jts	1 :greywache	9022	lt.01
22	23	gn gy ryb s.st. + sh			1 :siltstone	9023	lt.01
23	24	gn gy ryb s.st. + sh + min fg gwe			1 :siltstone	9024	lt.01
24	25	gn yb rb s.st +f-mg gwe			1 :siltstone	9025	lt.01
25	26	ryb s.st /f-mg gwe	1-2		1 :s.st/gwe	9026	lt.01
26	27	rb f-mg gwe min s.st			1 :greywache	9027	0.36
27	28	ryb s.st.+ sh min f gwe			1 :siltstone	9028	0.01
28	29	gn gy ryb f-mg gwe + s.st			1 :greywache	9029	lt.01
29	30	gn gy ryb f-mg gwe + s.st		lim on jts	1 :greywache	9030	lt.01
30	31	rb min yb s/st.+ sh /fg gwe		lim vlets	1 :siltstone	9031	lt.01
31	32	rb min yb s/st.+ sh /fg gwe			1 :siltstone	9032	0.03
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

PAGE.25.

page 2 . of 2 .

LOGGED BY.R.ANGUS
DATE. 6/8/88

PAGE 26.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 10

page 1. of 3 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GARDENS
MACHINE
METHOD R.C.

COORDINATES
5197.5 N. 10021 E.
DECLINATION 65
AZIM. 321
TOTAL DEPTH. 96. m.
ELEVATION 1176 M.

LOGGED BY R. ANGUS
DATE. 2/9/88

DEPTH M.	DESCRIPTION	QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE	Au
FROM	TO	%	DESCRIPT.	SULPH.	CODE	NUMBER	g/t
0	1	ryb m-cg gwe	2-5	dt y mky	1	greywache:10001	lt.01
1	2	ryb sh/s/st. min mg gwe			1	sh/s/st. :10002	lt.01
2	3	rb min gnyb mg gwe/.s/st.+sh			1	gwe/s/st.:10003	lt.01
3	4	rb min gnyb mg gwe/.s/st.+sh	20	mky fe	1	gwe/s/st.:10004	0.18
4	5	ryb mg gwe + sh/s/st.	20	mky	1	greywache:10005	lt.01
5	6	ryb s/st+ sh/mg gwe			1	siltstone:10006	lt.01
6	7	ryb s/st./sh min fg gwe			1	s/st./sh :10007	lt.01
7	8	ryb s/st./sh + f-mg gwe			1	s/st./sh :10008	0.02
8	9	rygyb f-mg gwe min s/st./sh			1	greywache:10009	lt.01
9	10	rygnb s/st/fg gwe		tr fe vlets	1	greywache:10010	lt.01
10	11	rb gnb mg gwe min sh/s/sr.			1	greywache:10011	lt.01
11	12	gnb + rb sh/s/st. + mg gwe	2-5	mky	1	sh/s/st. :10012	0.06
12	13	gnb + rb sh/s/st. + mg gwe			1	sh/s/st. :10013	0.21
13	14	pplb + gnyb mg gwe tr sh/s/st.			1	greywache:10014	lt.01
14	15	gnb + ryb mg gwe/ sh+s/st.		tr fe on jts	1	gwe/sh :10015	lt.01
15	16	gnryb mg gwe min s/st.		tr fe staining	1	greywache:10016	lt.01
16	17	ryb f-mg gwe min s/st.		ochre staining	1	greywache:10017	lt.01
17	18	ryrb sh/s/st. min fg gwe			1	sh/s/st. :10018	lt.01
18	19	ptly bleached ryb m-cg gwe		min fe on jts	1	greywache:10019	lt.01
19	20	gny ppl mg gwe min s/st.		tr fe vlets	1	greywache:10020	lt.01
20	21	gnyb mg gwe			1	greywache:10021	lt.01
21	22	rygnb mg gwe min s/st+sh		comm fe stains	1	greywache:10022	lt.01
22	23	gn + ryb f-mg gwe + s/st	1	mky	1	greywache:10023	lt.01
23	24	rygnb f-mg gwe tr sh			1	greywache:10024	lt.01
24	25	rygnb mg gwe min s/st/sh		fe vlets	1	greywache:10025	lt.01
25	26	rygnb mg gwe + s/st/sh		min fe staining	1	greywache:10026	lt.01
26	27	rygnb mg gwe + sh/s/st	tr		1	greywache:10027	lt.01
27	28	rygnb mg gwe min sh/s/st.		min fe vlets	1	greywache:10028	lt.01
28	29	r + gfnb sh+ s/st	2-5	mky	1	shale :10029	0.01
29	30	gn + r ptly slic. f-mg gwe tr sh/s/st.	min m:	fe on jts	1	greywache:10030	0.02
30	31	rb min gn f-mg gwe min sh/s/st.	70	mky lim	1	greywache:10031	0.04
31	32	rygnb m-cg gwe	2		1	greywache:10032	0.01
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 10

page 2. of 3.

PROJECT FERGUSON RIVER
PROSPECT WOOLGNI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5197.5 N.
DECLINATION 65
AZIM. 321
TOTAL DEPTH. 96. m.
ELEVATION 1176 M.

10021 E.

LOGGED BY: R. ANGUS
DATE. 2/9/88

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
32	33		:rygnb mg gwe	5-10	:mky lim	:fe sta./vlets	1	:greywache	:10033	:0.04
33	34		:rygnb mg gwe				1	:greywache	:10034	:lt.01
34	35		:rygnb mg gwe				1	:greywache	:10035	:0.10
35	36		:rygnb mg gwe + min s/st			:min fe on jts	1	:greywache	:10036	:0.09
36	37		:rygnb mg gwe				1	:greywache	:10037	:0.07
37	38		:rygnb mg gwe			:min fe on jts	1	:greywache	:10038	:lt.01
38	39		:gnrb mg gwe			:tr fe on jts	1	:greywache	:10039	:lt.01
39	40		:gnrb mg gwe tr sh/s/st.				1	:greywache	:10040	:lt.01
40	41		:gnrb sh/s/st. + f-mg gwe				1	:sh/s/st.	:10041	:lt.01
41	42		:gn + rb mg gwe			:tr fe on jts	1	:greywache	:10042	:lt.01
42	43		:ryb sh/s/st. min fg gwe			:tr fe stains	1	:sh/s/st.	:10043	:0.04
43	44		:r min fn mg gwe				1	:greywache	:10044	:0.07
44	45		:gnyrb mg gwe			:comm fe on jts	1	:greywache	:10045	:0.02
45	46		:ryb min gn s/st+ sh/mg gwe	:min		:min fe on jts	1	:siltstone	:10046	:0.01
46	47		:ryb + gn f-mg gwe + s/st+ sh			:min fe on jts	1	:greywache	:10047	:0.01
47	48		:ryb + gn f-mg gwe + s/st+ sh			:min fe on jts	1	:greywache	:10048	:0.01
48	49		:r min gn sh+ s/st min gwe	25			1	:shale	:10049	:0.58
49	50		:ryb + ghn sh+ s/st/fg gwe				1	:shale	:10050	:0.02
50	51		:fresh gn ryb mg gwe			:tr fe vlets	1	:greywache	:10051	:lt.01
51	52		:gn tr ryb fg gwe min sh/s/st.	1	:fe		1	:greywache	:10052	:0.01
52	53		:gn min yb f-mg gwe min sh/s/st.	1	:fe		1	:greywache	:10053	:lt.01
53	54		:lt. gn min ryb sh/s/st. + mg gwe	2-5	:mky fe py		1	:sh/s/st.	:10054	:0.02
54	55		:dk gn ptly slic. fg gwe/s/st.				2	:gwe/s/st.	:10055	:lt.01
55	56		:dk gn b s/st/fg gwe			:fe vlets tr aspy	2	:s/st/gwe	:10056	:0.01
56	57		:dk gn b s/st/fg gwe	:min	:fe		2	:greywache	:10057	:lt.01
57	58		:gn + ryb f-mg gwe + sh/s/st.	2-5	:mky py		2	:greywache	:10058	:0.03
58	59		:r min gn sh/s/st. min gwe			:comm. fe vlets	2	:sh/s/st	:10059	:lt.01
59	60		:gn tr rb f-mg gwe				2	:graywache	:10060	:0.18
60	61		:dk gn tr rb s/st./fg gwe	5	:mky		2	:s/st/gwe	:10061	:10.15
61	62		:dk gn tr y s/st/sh	20	:mky py	:tr py aspy	2	:s/st/sh	:10062	:0.24
62	63		:gn min yb gwe min sh/s/st.			:tr fe vlets	2	:greywache	:10063	:0.05
63	64		:gn + yrb mg gwe + sh/s/st			:tr fe vlets	2	:greywache	:10064	:0.78
:TOP OF FRESH ROCK			DAMP AT	COMMENTS		SAMPLE RECOVERY				
:BASE OF COMPLETE OXIDATION			WATER AT			OTHER				

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 10

page 3. of 3.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI

COORDINATES

5197.5 N.

10021 E.

LOGGED BY R. ANGUS

DATE 2/9/88

DRILLING

DECLINATION

65

COMPANY GAEDENS

AZIM.

321

MACHINE

TOTAL DEPTH.

96. m.

METHOD R.C.

ELEVATION

1176 M.

DEPTH M.	DESCRIPTION	QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE	Au
FROM	TO	%	DESCRIPT.	SULPH.	CODE	NUMBER	g/t
64	65	dk gn f-mg/s/st+-sh	10	mk py	2	gwe/s/st.	10065 : 0.78
65	66	dk gn fg gwe min sh/s/st.			2	graywache	10066 : 0.05
66	67	dk gn fg gwe/s/st.	tr		2	gwe/s/st.	10067 : 0.02
67	68	ptly bleached gn fg gwe min s/st.	20	mk py as:tr py aspy	2	graywache	10068 : 0.81
68	69	dk gn f-mg gwe tr s/st	tr		2	graywache	10069 : 0.03
69	70	dk gn min yrb f-mg gwe/sh/s/st	10	mk py	2	gwe/sh	10070 : 0.02
70	71	dk gn min yrb f-mg gwe/sh/s/st			2	gwe/sh	10071 : 0.10
71	72	ryb min gn fg gwe/s/st	min		2	gwe/s/st.	10072 : 0.04
72	73	dk gn min yb f-mg gwe + sh/s/st.			2	graywache	10073 : 0.02
73	74	lt. gn/ryb s/st+-sh/mg gwe	10	mk py	2	siltstone	10074 : 0.01
74	75	dk gn + rb f-mg gwe min s/st			2	graywache	10075 : lt.01
75	76	dk gn + rb f-mg gwe min s/st			2	graywache	10076 : 0.64
76	77	dk gn fg gwe/s/st	min	mk	2	gwe/s/st.	10077 : 0.04
77	78	lt-dk gn s/st/sh/fg gwe	25	py	2	s/st./sh	10078 : 0.05
78	79	dk gn s/st+-sh	10	mk lim	2	siltstone	10079 : 0.06
79	80	gn s/st/fg gwe+-sh	20	mk py fe:	2	s/st/gwe	10080 : 0.30
80	81	dk gn s/st/fg gwe	2-5	mk py	2	s/st/gwe	10081 : 0.02
81	82	dk gn fg gwe/s/st+-sh	5	py	2	gwe/s/st	10082 : 0.59
82	83	bleached lt. gn s/st+-sh min gwe	40	mk py :1-2% py aspy	3	siltstone	10083 : 0.10
83	84	p.s.r.ygn sh/s/st	70	mk py :tr py	3	sh/s/st.	10084 : 0.04
84	85	tr gn s/st.	95	mk fe py:	3	siltstone	10085 : 0.10
85	86	yb lim sh/s/st tr gwe	30	mk fe py:comm. fe vlets	3	sh/s/st.	10086 : 2.38
86	87	gn + yb s/st/f-mg gwe	10	mk	3	s/st/gwe	10087 : 0.03
87	88	dk gn mg gwe			3	graywache	10088 : 0.03
88	89	dk gn f-mg gwe + sh/s/st.	10	mk sug.	3	graywache	10089 : 0.02
89	90	dk gn f-mg gwe min s/st.			3	graywache	10090 : 0.03
90	91	dk gn f-mg gwe min s/st			3	graywache	10091 : 0.55
91	92	gn fg gwe/s/st min sh	30	mk py	3	gwe/s/st.	10092 : 0.09
92	93	dk gn f-mg gwe min s/st./sh	5-10	mk :rare py	3	graywache	10093 : 0.02
93	94	dk f-mg gwe min s/st.	1-2		3	graywache	10094 : 0.02
94	95	dk f-mg gwe min s/st.		min diss py	3	graywache	10095 : 0.04
95	96	dk f-mg gwe min s/st.	tr		3	graywache	10096 : 0.05
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 11

page 1. of 2 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C. with x over sub

COORDINATES
5350 N.
DECLINATION 55
AZIM. 141
TOTAL DEPTH. 65
ELEVATION 1169 M.

9969 E.

LOGGED BY R. ANGUS
DATE. 4/9/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO						
0	1.9	no sample x-over sub		1			
1.9	3	ryb mg gwe/s/st+- sh min wh cly	2 : dty wh	1	gwe/s/st.	11003	0.04
3	4	ryb mg gwe/s/st+- sh min wh cly	25 : mky	1	gwe/s/st.	11004	0.15
4	5	ryb mg gwe	10 : mky fe	1	greywache	11005	1t.01
5	6	ryb m-cg gwe + rgnb sh/s/st.		1	greywache	11006	0.01
6	7	ryb m-cg gwe tr s/st.	tr	1	greywache	11007	1t.01
7	8	ryb mg gwe/s/st.+- sh		1	gwe/s/st.	11008	0.01
8	9	ryb mg gwe min sh/s/st.	30 : mky	1	greywache	11009	0.10
9	10	ryb + gngy mg gwe		1	greywache	11010	1t.01
10	11	ryb sh+- s/st, tr mg gwe		1	shale	11011	0.02
11	12	gnyb m-cg gwe rare s/st.		1	greywache	11012	0.01
12	13	gnyb mg gwe min sh/s/st.		1	greywache	11013	0.01
13	14	ptly silic. gn rb fg gwe/s/st.		1	gwe/s/st.	11014	0.02
14	15	gnyb mg gwe tr sh	70 : mky fe	1	greywache	11015	2.50
15	16	ryb sh/s/st. tr fg gwe	min : mky	1	sh/s/st.	11016	0.02
16	17	ryb s/st./fg gwe		1	s/st./gwe	11017	1t.01
17	18	gn ryb m-cg gwe tr s/st./sh		1	greywache	11018	1t.01
18	19	gn ryb mg gwe min s/st./sh	tr	1	greywache	11019	1t.01
19	20	ryb s/st./sh min fg gwe	1-2	1	s/st./sh	11020	0.18
20	21	gn ryb s/st+- fg gwe	60 : mky	1	siltstone	11021	0.30
21	22	pk yb f-mg gwe/s/st.		1	gwe/s/st.	11022	0.01
22	23	ryb f-mg gwe/s/st		1	gwe/s/st.	11023	0.07
23	24	gn pk yrb f-mg gwe		1	greywache	11024	0.02
24	25	gnyb fg gwe/s/st.	50 : mky fe	1	gwe/s/st.	11025	2.80
25	26	gn ryb s/st./sh	40 : mky fe	1	s/st./sh	11026	27.30
26	27	gn yrb m-cg gwe		1	greywache	11027	0.55
27	28	gn yrb m-cg gwe min s/st.		1	greywache	11028	0.61
28	29	rpkyb s/st./sh min fg gwe		1	s/st./sh	11029	0.09
29	30	ryb tr gn s/st/sh tr fg gwe		1	s/st./sh	11030	0.21
30	31	ryb f-mg gwe min s/st/sh		1	greywache	11031	0.05
31	32	ryb f-mg gwe min s/st./sh		1	greywache	11032	0.03
32	33	ryb f-mg gwe min s/st./sh tr bl/blk mineral		1	greywache	11033	1t.01
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 11

page 2. of 2.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C. with x over sub

COORDINATES
5350 N.
DECLINATION 55
AZIM. 141
TOTAL DEPTH. 65
ELEVATION 1169 M.

LOGGED BY R. ANGUS
DATE. 4/9/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
33 : 34	:ryb mg gwe	10-20:	fe common on jts:	1	:greywache:	11034	0.04
34 : 35	:gn + ryb mg gwe	10-20:	mky fe :tr fe vlets	1	:greywache:	11035	0.07
35 : 36	:gn ryb ptly. slic. ptly bleached mg gwe	2-5	:mky :	1	:greywache:	11036	0.05
36 : 37	:gn ryb mg gwe	40	:mky fe :	1	:greywache:	11037	0.01
37 : 38	:rb +- gn mg gwe +- s/st.	60	:mky fe :	1	:greywache:	11038	0.07
38 : 39	:rb f-mg gwe	50	:fe lim :rare py fe comm.	2	:greywache:	11039	0.13
39 : 40	:ryb fg gwe -s/st.-sh	5-10	:dty. :min lim st.	2	:greywache:	11040	0.03
40 : 41	:rb + gn f-mg gwe min sh/s/st.	:	:	2	:greywache:	11041	0.02
41 : 42	:ryb min gn sh+- s/st./fg gwe	5-10	:mky fe :tr aspy	2	:shale :	11042	0.14
42 : 43	:rb + lt gn fg gwe/s/st+-sh	5-10	:mky py :rare py.	2	:gwe/s/st.:	11043	lt.01
43 : 44	:rb + lt. gn m-cg gwe tr s/st.	25	:mky py :fe st. rare py.	2	:greywache:	11044	0.30
44 : 45	:ryb s/st+-sh tr fg gwe min jointing	60	:mky fe :1-2% py + aspy	2	:greywache:	11045	0.48
45 : 46	:yb sh/s/st.	95	:mky py fe:2% mass py/aspy	2	:sh/s/st.:	11046	0.24
46 : 47	:freshening gn + ryb sh/s/st. min mg gwe	10	:mky py :5% aspy	3	:sh/s/st.:	11047	0.05
47 : 48	:gnyb f-mg gwe min sh/s/st.	40	:mky aspy:2% aspy	3	:greywache:	11048	1.23
48 : 49	:gn + ryb f-mg gwe + sh/s/st.	2-5	:mky py :min py	3	:greywache:	11049	1.09
49 : 50	:gn + rb m-cg gwe	5	:mky fe py:min py	3	:greywache:	11050	0.17
50 : 51	:dk gn min rb m-cg gwe	30	:mky fe/py:min py	3	:greywache:	11051	0.15
51 : 52	:gn + ryb sh/s/st. min mg gwe	50	:mky fe py:	3	:sh/s/st :	11052	0.02
52 : 53	:gn + ryb mg gwe/s/st./sh	:tr :	:fe vlets stain.	3	:gwe/s/st.:	11053	0.25
53 : 54	:lt. gn min ryb mg gwe min sh/s/st.	:tr :	:tr lim	3	:greywache:	11054	0.01
54 : 55	:ryb min gn mg gwe tr s/st.	40	:mky fe :lim staining	3	:greywache:	11055	0.16
55 : 56	:dk r gyb s/st.- sh/fg gwe	:tr :mky	:fe vlets/stains.	3	:siltstone:	11056	lt.01
56 : 57	:lt. gn gy ryb s/st +- fg gwe	:min :fe	:fe staining	3	:siltstone:	11057	lt.01
57 : 58	:gn + ryb fgh gwe/s/st.	2-5	:mky fe py:	3	:gwe/s/st.:	11058	0.01
58 : 59	:gn + ryb f-mg gwe	2	:mky fe :fe staining	3	:greywache:	11059	0.01
59 : 60	:rb gygn f-mg gwe/s/st 1% bl/blk mineral	:	:	3	:gwe/s/st.:	11060	0.02
60 : 61	:lt. gn pkrb mg gwe min s/st.	:	:	3	:greywache:	11061	lt.01
61 : 62	:gn + rb mg gwe tr s/st.	:min :cl gy py	:	3	:greywache:	11062	0.04
62 : 63	:fresh gn tr ryb mg gwe + sh/s/st.	:	:	3	:greywache:	11063	0.02
63 : 64	:gn ryb mg gwe	:	:min fe staining	3	:greywache:	11064	0.05
64 : 65	:rb + gn m-cg gwe	:tr :	:	3	:greywache:	11065	0.06
:TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
:BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR.13.

page 1. of 2.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGNI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5449 N. 10003 E.
DECLINATION 60
AZIM. 321
TOTAL DEPTH. 48.m.
ELEVATION 1152 M.

LOGGED BY R.ANGUS
DATE. 7/8/88

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
0	1		fill							
1	2		fill							
2	3		fill							
3	4		gnb rb mg gwe min s/st.	tr			1	greywache	13004	0.04
4	5		ryb s/st + sh +fg gwe				1	siltstone	13005	0.05
5	6		ryb s/st + sh +fg gwe rare fe veinlet				1	siltstone	13006	0.02
6	7		ygn rb mg gwe fe jts	rare			1	greywache	13007	0.02
7	8		ygn rb mg gwe fe jts min gnb sh/sst. rare fe vn:				1	greywache	13008	0.04
8	9		ryb min gn sh/sst. min fg gwe		fe on jts		1	sh/s/st.	13009	0.02
9	10		rb gngy sh/sst. rare fg gwe fe on jts				1	sh/s/st.	13010	0.03
10	11		rb min gn sst./fg gwe				1	s/s/st.	13011	0.01
11	12		ryb sst./f-mg gwe fe jts				1	s/st./gwe	13012	0.01
12	13		rb yb min gngy fe stained f-mg gwe				1	greywache	13013	0.07
13	14		ryb min gn mg gwe fe veinlets	5	fe		1	greywache	13014	0.06
14	15		ryb s/st./mg gwe minfe staining	5	mky		1	greywache	13015	0.03
15	16		ryb s/st./mg gwe minfe staining	tr			1	greywache	13016	0.03
16	17		rb m-cg gwe min s/st	tr			1	greywache	13017	0.02
17	18		ryb m-cg gwe min s/st fe on jts				1	greywache	13018	lt.01
18	19		rb gny s/st./fg gwe fe staining				1	s/st./gwe	13019	0.02
19	20		rb gny s/st.sh min fg gwe fe staining				1	s/st./sh	13020	0.03
20	21		rb f-mg gwe	20	mky fe		1	greywache	13021	0.10
21	22		rb gngy p. slic. s/st./sh/f-mg gwe rare fe vein:	10-20	mky lim	lim c qtz	1	s/st./sh	13022	0.04
22	23		ppl b mg gwe/s.st	60	mky tr fe:min	lim/py	1	gwe/s/st.	13023	0.18
23	24		ppl b mg gwe/s.st	60	mky tr fe:min	lim/py	1	gwe/s/st.	13024	4.31
24	25		ppl gn f-cg gwe				1	greywache	13025	2.67
25	26		rb s.st./fg gwe				1	greywache	13026	0.03
26	27		rb sh/s.st./fg gwe				1	sh/s/st.	13027	0.02
27	28		bleached gngy rb s.st./fg gwe		lim on jts		1	s/st/gwe	13028	0.02
28	29		bleached gngy rb s.st./fg gwe	5	mky		1	s/st/gwe	13029	0.04
29	30		sh/s.st. lim veinlets		lim veinlets		1	sh/s/st	13030	0.02
30	31		gngy ryb s/st./sh min lim/q staining	5-10	mky		1	s/st/sh	13031	0.02
31	32		bleached gn ppl f-mg gwe rare rb sh	rare			1	greywache	13032	0.01
TOP OF FRESH ROCK			DAMP AT	COMMENTS		SAMPLE RECOVERY				
BASE OF COMPLETE OXIDATION			WATER AT			OTHER				

DRILL LOG

HOLE NO. FR.13.

page 2. of 2 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GARDENS
MACHINE
METHOD R.C.

COORDINATES	
5449 N.	
DECLINATION	60
AZIM.	321
TOTAL DEPTH.	48.m.
ELEVATION	1152 M.

LOGGED BY.R.ANGUS
DATE. 7/8/88

[illegible]

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR. 14

page 1. of 3 .

PROJECT FERGUSON RIVER
PROSPECT WOOLCHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5400 N.
DECLINATION 70
AZIM. 141
TOTAL DEPTH. 75
ELEVATION 1157 M.

LOGGED BY R. ANGUS
DATE. 3/9/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCR.	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t	
FROM	TO							
0	1.5		fill		1			
1.5	2		rb min lt gn fg gwe/s/st		1	gwe/s/st :14002	0.04	
2	3		rb min lt gn gwe/s/st. comm wh cly.		1	gwe/s/st :14003	0.05	
3	4		rb min lt gn gwe/s/st. comm wh cly.		1	gwe/s/st :14004	0.01	
4	5		ryb f-mg gwe min s/st+ sdh		1	greywache:14005	0.02	
5	6		rb + ygnb s/st/fg gwe comm. wh. cly.		1	s/st/gwe :14006	0.03	
6	7		ryb fg gwe /s/st		min fe st. on jt:	1	gwe/s/st :14007	0.01
7	8		ryb s/st/sh min fg gwe tr wh. cly.		1	s/st/sh :14008	lt.01	
8	9		ryb s/st + cv-mg gwe		1	siltstone:14009	0.03	
9	10		gnb ppl rb m-cg gwe ptly slic.	min :y	min fe st.	1	greywache:14010	0.13
10	11		ptly bleached y+ pk f-mg gwe min s/st	5-10 :fe	tr fe vlets	1	greywache:14011	0.03
11	12		y + pk fg gwe min s/st	tr :	min fe st/vlets :	1	greywache:14012	lt.01
12	13		y + pk fg gwe min s/st min wh. cly	tr :	min fe st/vlets :	1	greywache:14013	0.03
13	14		ptly slic. ryb mg gwe	10-20:fe shr	:	1	greywache:14014	0.16
14	15		ypkb s/st/f-mg gwe	:	tr fe on jts	1	s/st/gwe :14015	0.02
15	16		ypkb f-mg gwe	:	:	1	greywache:14016	0.02
16	17		ypkb fg gwe	:	min fe on jts	1	greywache:14017	0.01
17	18		yb pkgy mg gwe min s/st	:	tr fe vlets	1	greywache:14018	lt.01
18	19		ygnpkb s/st/fg gwe	:	comm fe on jts	1	s/st/gwe :14019	0.07
19	20		ygnpkb s/st/fg gwe	:	comm fe on jts	1	s/st/gwe :14020	0.01
20	21		yb pk b sh/s/st + fg gwe	:	min fe vlets/st.	1	sh/s/st :14021	lt.01
21	22		b ppl f-mg gwe	:	comm fe on jts	1	greywache:14022	0.03
22	23		yb min gyf-mg gwe/s/st	:	min fe st/vlets	1	gwe/s/st :14023	0.02
23	24		ypplb f-mg gwe comm. wh cly	:	:	1	greywache:14024	0.02
24	25		ppl min y m-cg gwe	:	:	1	greywache:14025	0.01
25	26		ppl min y m-cg gwe min sh/s/st.	:	:	1	greywache:14026	lt.01
26	27		ryb s/st/fg gwe	:	:	1	s/st/gwe :14027	lt.01
27	28		ryb mg gwe min sh/s/st.	:	:	1	greywache:14028	lt.01
28	29		ryb f-mg gwe min s/st	:	comm. fe on jts	1	greywache:14029	lt.01
29	30		ryb f-mg gwe tr s/st.	50 : fe	comm. fe on jts	1	greywache:14030	0.17
30	31		ppl gygn b f-mg gwe tr s/st.	:	:	1	greywache:14031	0.03
31	32		lt. gn + y + rb s/st/sh	5 : fe	:	1	s/st/sh :14032	2.09
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY				
BASE OF COMPLETE OXIDATION		WATER AT		OTHER				

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR. 14

page 2. of 3.

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI

COORDINATES
5400 N.

9864 E.

LOGGED BY R. ANGUS
DATE 3/9/88

DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

DECLINATION 70
AZIM. 141
TOTAL DEPTH. 75
ELEVATION 1157 M.

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
32	33		gy ppl mg gwe + s/st/sh			tr fe staining	1	greywache	14033	0.17
33	34		rb pplgy mg gwe				1	greywache	14034	0.08
34	35		pplr+yb f-mg gwe/s/st			tr fe st.	1	gwe/s/st	14035	lt.01
35	36		pplr+yb f-mg gwe/s/st			tr fe st.	1	gwe/s/st	14036	0.01
36	37		ryb s/st/fg gwe			tr fe staining o	1	s/st/gwe	14037	0.01
37	38		ryb sh/s/st min f-mg gwe	tr		min fe vlets	1	sh/s/st	14038	0.04
38	39		ryb sh/s/st min f-mg gwe	tr		str. fe staining	1	sh/s/st	14039	lt.01
39	40		ryb sh/s/st min f-mg gwe	tr		str. fe staining	1	sh/s/st	14040	lt.01
40	41		ygn rb ptly bleached s/st/fg gwe				1	s/st/gwe	14041	lt.01
41	42		y gn rb f-mg gwe min rb ptly bandedsh+s/st	5	mky fe	tr fe on jts	1	greywache	14042	lt.01
42	43		ygnrb mg gwe			tr fe vlets	1	greywache	14043	lt.01
43	44		ryb mg gwe + sh/s/st.			min fe on jts	1	greywache	14044	lt.01
44	45		ryb mg gwe + sh/s/st.			min fe on jts	1	greywache	14045	lt.01
45	46		yrb min gn s/st+ sh min fg gwe				1	siltstone	14046	0.02
46	47		yrb min lt gn s/st+ sh min fg gwe				1	siltstone	14047	0.01
47	48		ppl gy gn rb s/st/fg gwe	30	mky fe	min lim fe	1	s/st/gwe	14048	0.07
48	49		fresh gn tr rb mg gwe + sh/s/st.				2	greywache	14049	0.03
49	50		dk gn min rb sh/s/st.min mg gwe			min py on jts	2	sh/s/st	14050	0.02
50	51		gnqy min rb sh/s/st + mg gwe			tr py vlet	2	sh/s/st	14051	0.01
51	52		gn tr yb s/st/sh				2	s/st/sh	14052	0.01
52	53		gn tr yb s/st/sh				2	s/st/sh	14053	0.01
53	54		gnmggy mg gwe min s/st+sh	20	mky lim	min aspy	2	greywache	14054	0.02
54	55		gnqy tr rb mg gwe min sh rare diss py				2	greywache	14055	0.03
55	56		gnqy tr blk mg gwe tr sh/s/st.				2	greywache	14056	0.05
56	57		gn dk gy mg gwe tr s/st			rare lma py vlet	2	greywache	14057	0.01
57	58		dk gn sh/s/st min gwe	tr			2	sh/s/st	14058	0.02
58	59		gn tr yb sh/s/st min gwe	min	mky		2	sh/s/st	14059	0.01
59	60		dk gn mg gwe min sh/s/st				2	greywache	14060	0.01
60	61		dk gn mg gwe min sh/s/st				2	greywache	14061	0.01
61	62		dk gn mg gwe tr s/st ptly slic.				2	greywache	14062	0.01
62	63		lt dk gn ptly slic. mg gwe min cherty sh/s/st	1	py	blk inclusions	2	greywache	14063	0.08
63	64		dk gn tr blk spotted slic. f-mg gwe min sh	min	py		2	greywache	14064	0.01
TOP OF FRESH ROCK			DAMP AT	COMMENTS		SAMPLE RECOVERY				
BASE OF COMPLETE OXIDATION			WATER AT			OTHER				

DRILL LOG

HOLE NO. FR. 14

page 3. of 3 .

COORDINATES

5400 H.

9964 E.

LOGGED BY: R. ANGUS

DATE. 3/9/88

DRILLING

DECLINATION

70

COMPANY GARDENS

AZIM.

141

MACHINE

TOTAL DEPTH.

75

METHOD R.C.

ELEVATION

1157 M.

[illegible]

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. F.R.15

page 1. of 2 .

PROJECT FERGUSSON RIVER
PROSPECT WOOLGNI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5201 N.
DECLINATION 60
AZIM. 341
TOTAL DEPTH. 63m.
ELEVATION 1169 M.

9965 E.

LOGGED BY R.ANGUS
DATE 5/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO						
0	1 : FILL					15002	0.09
1	2 : FILL					15002	0.09
2	3 : r/y/b sh/s.st./f-g g/w	10	cl,gy,mky	1	sh/s.s/gw	15003	0.11
3	4 : hr mg g/w			1	greywache	15004	0.03
4	5 : hr mg g/w			1	greywache	15005	lt.01
5	6 : hr mg g/w			1	greywache	15006	lt.01
6	7 : hr mg g/w + min sh/s.st			1	greywache	15007	0.36
7	8 : r/y/b sh/s.st/f-mg g/w			1	sh/s.s/gw	15008	0.05
8	9 : r/y/b sh/s.st/f-mg g/w + min gn sh/s.st.			1	sh/s.s/gw	15009	0.02
9	10 : ryb sh/s.st min fg g/w			1	sh/s.st.	15010	0.04
10	11 : ryb f-mg g/w min s/st.			1	greywache	15011	lt.01
11	12 : ryb gn b s.st./fg g/w			1	greywache	15012	lt.01
12	13 : gn yb ppl b ,m-cg gw			1	greywache	15013	lt.01
13	14 : gn rb mg g/w = min s.st	10-20	fe	1	greywache	15014	0.77
14	15 : gn b + ryb mg g/w /s.st.			1	g/we/s.st	15015	2.24
15	16 : ryb sh/s.st.			1	sh/s.st.	15016	0.40
16	17 : gn + ryb mg g/we +rare sh/s.st.			1	greywache	15017	0.02
17	18 : gn + yb m-cg g/we min sh/s.st.			1	greywache	15018	lt.01
18	19 : rb sh/s.st. min gn m-cg g/w			1	sh/s.st.	15019	lt.01
19	20 : gn s/st./ f-mg g/we + ryb sh/s.st.	10	cl gy mky:lim in qtz	1	s.st/gw	15020	lt.01
20	21 : gn s/st./ f-mg g/we + ryb sh/s.st.	80	fe	1	quartz/gw	15021	4.79
21	22 : rb banded sh/s.st. + rgy mg g/w			1	s/st./sh	15022	0.10
22	23 : gn gy mg g/we + min rb sh/s.st.			1	greywache	15023	0.02
23	24 : gn b m-cg g/we			1	greywache	15024	0.01
24	25 : gn b m-cg g/we			1	greywache	15025	0.01
25	26 : gn b m-cg g/we +tr rb s/st.			1	greywache	15026	lt.01
26	27 : gn rb f-mg g/we			1	greywache	15027	0.22
27	28 : lt. gn sh/s.st/fg gwe min ryb f-mg g/we			1	sh/s.st.	15028	0.04
28	29 : rb tr/gn sh/s.st	5-10	fe	1	sh/s.st	15029	0.09
29	30 : gy gn min rb f-mg gwe			1	sh/s.st	15030	0.02
30	31 : gy gn ppl sh/s.st	rare	fe	1	sh/s.st	15031	0.09
31	32 : gn + yb f-mg g/we min s.st	10-20	mky fe	1	greywache	15032	0.14
:TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE	RECOVERY		
:BASE OF COMPLETE OXIDATION		WATER AT			OTHER		

DRILL LOG

HOLE NO. F.R.15

page 2. of 2 .

COORDINATES	
5201 N.	
DECLINATION	60
AZIM.	341
TOTAL DEPTH.	63m.
ELEVATION	1169 M.

LOGGED BY.R.ANGUS
DATE. 5/8/88

[illegible]

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 16

page 1. of 3 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5199 N. 9995 E.
DECLINATION 60
AZIM. 321
TOTAL DEPTH. 78 m.
ELEVATION 1172 M.

LOGGED BY R. ANGUS
DATE. 20/8/88

DEPTH M.	DESCRIPTION	QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE	Au	
FROM	TO	%	DESCRIP.	SULPH.	CODE	NUMBER	g/t	
0	1	:	fill	:	1	:	:	
1	2	:	rb min gn s/st./sh min mg gwe	:	1	s/st./sh :16002	0.11	
2	3	:	rb min gn s/st./fg gwe	:	1	s/st./gwe :16003	0.10	
3	4	:	rb f-mg gwe min s/st.	:	1	greywache:16004	0.01	
4	5	:	rb min wh/gn f-mg gwe tr s/st.	:	1	greywache:16005	0.14	
5	6	:	rb min wh/gn m-cg gwe	:1-2	cl mky	1	greywache:16006	0.02
6	7	:	rb + gnwh mg gwe	20	mky	1	greywache:16007	0.02
7	8	:	rb + lt. gn m-cg gwe wh cly.	20	mky	1	greywache:16008	0.04
8	9	:	rb tr gn f-mg gwe/s/st.+ sh	:	:	1	gwe/s/st.:16009	0.01
9	10	:	rgyb s/st. +sh	10	mky fe	1	s/st./sh :16010	0.04
10	11	:	rb min gn m-cg gwe tr sh min wh cly	min	:	1	greywache:16011	0.02
11	12	:	rgyb sh + s/st./mg gwe	:	:	1	greywache:16012	0.31
12	13	:	ptly. bleached lt. gn +rb sh +s/st.+f-mg gwe	:1-2	cl gy mky:	1	shale :16013	0.09
13	14	:	lt. gnb + rfb mg gwe min s/st.	30	cl gy mky:lim staining	1	greywache:16014	0.07
14	15	:	rb min gn m-cg gwe	:2-5	cl gy mky:	1	greywache:16015	0.02
15	16	:	rgyb s/st./f-mg gwe	rare	:	1	greywache:16016	0.03
16	17	:	rb sh/s/st. min fg gwe	2	:	1	greywache:16017	0.04
17	18	:	lt. gnrh sh/s/st + mg gwe	:	:	1	greywache:16018	0.06
18	19	:	lt. gnrh sh/s/st + mg gwe	:	:	1	greywache:16019	0.05
19	20	:	rgyb mg gwe	1	:	1	greywache:16020	0.17
20	21	:	lt. rgyb mg gwe	20	sug.mky :fe staining	1	greywache:16021	0.35
21	22	:	rb tr gn mg gwe	5	sug.mky	1	greywache:16022	0.09
22	23	:	rb min gnb sh/s/st. min gwe	:1-2	:	1	sh/s/st. :16023	0.31
23	24	:	lt. gn + rb sh/s/st. tr gwe mod. jts.	:	:	1	sh/s/st. :16024	0.10
24	25	:	rb min gn s/st./sh tr mg gwe	:	:	1	s/st.sh :16025	0.33
25	26	:	rb m-cg gwe	:	:	1	greywache:16026	0.07
26	27	:	rb + gngy mg gwe min sh/s/st.	min	:	1	greywache:16027	0.39
27	28	:	lt. gn + rb mg gwe + sh/s/st.	min	:	1	greywache:16028	0.07
28	29	:	gnyb min rb s/st./sh min gwe tr. bl/blk mineral	:2-5	fe	1	s/st./sh :16029	0.99
29	30	:	rgyb tr gn f-mg gwe	min	:	1	greywache:16030	0.10
30	31	:	rb mg gwe min sh/s/st.	:	:	1	greywache:16031	lt.01
31	32	:	rb f-mg gwe	rare	:	1	greywache:16032	0.06
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY				
BASE OF COMPLETE OXIDATION		WATER AT		OTHER				

MINING MANAGEMENT SERVICES PTY.LTD.

DRILL LOG

HOLE NO. FR 16

page 2. of 3.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI

COORDINATES

5199 N.

9995 E.

LOGGED BY: R. ANGUS

DATE. 20/8/88

DRILLING

COMPANY GARDENS

MACHINE

METHOD R.C.

MACHINE

METHOD R.C.

DECLINATION

60

AZIM.

321

TOTAL DEPTH.

76 m.

ELEVATION

1172 M.

DEPTH M.	DESCRIPTION	QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE	Au
FROM	TO	%	DESCRIPT.	SULPH.	CODE	NUMBER	g/t
32	33	rb f-mg gwe / s/st +- sh	2	fe	fe staining	1	greywache:16033 :lt.01
33	34	rb s/st. +- sh	10	fe mky	min fe	1	siltstone:16034 : 0.06
34	35	rb s/st./sh min mg gwe min bl/blk mineral			fe on jts.	1	s/st./sh :16035 : 0.01
35	36	rb sh/s/st. + mg gwe min fe staining on jts.				1	sh/s/st. :16036 : 0.02
36	37	rb min gny sh+-s/st./mg gwe	20	fe	fe/q vlets	1	shale :16037 : 0.08
37	38	rb min gn f-mg gwe min sh/s/st.	1-2			1	greywache:16038 : 0.02
38	39	rb min gn f-mg gwe min sh/s/st.	min	fe stains		1	greywache:16039 :lt.01
39	40	rb s/st./f-mg gwe	2-5		fe/q vlets	1	greywache:16040 :lt.01
40	41	rb tr gn s/st/mg gwe	tr			1	greywache:16041 : 0.07
41	42	rb m-cy gwe				1	greywache:16042 :lt.01
42	43	rb sh/s/st. + f-mg gwe			fe stains	1	sh/s/st. :16043 :lt.01
43	44	ryb sh/s/st. min gwe				1	sh/s/st. :16044 :lt.01
44	45	rb mg gwe	min	mky fe	fe on jts	1	greywache:16045 : 0.08
45	46	rb mg gwe + sh+- s/st.			fe on jts/vlets	1	greywache:16046 :lt.01
46	47	rb mg gwe + sh+- s/st.	1-2			1	greywache:16047 : 0.07
47	48	rb mg gwe + sh+- s/st.	min			1	greywache:16048 : 0.09
48	49	rgyb s/st +- sh /mg gwe				1	siltstone:16049 : 0.04
49	50	ryb sh/s/st./f-mg gwe			fe on jts	1	sh/s/st. :16050 : 0.04
50	51	ptly bleached lt. rb + gn mg gwe + s/st.	30	mky fe	lim tr py	2	greywache:16051 : 0.05
51	52	gn min rb (fresher)mg gwe min s/st.	2-5	mky		2	greywache:16052 : 0.51
52	53	rb min gn mg gwe min s/st.+- sh	10-20	mky fe	st. ochre stain	2	greywache:16053 : 0.22
53	54	rgyb mg gwe min s/st./sh				2	greywache:16054 : 0.04
54	55	rb f-mg gwe tr sh	5-10	ptly fe		2	greywache:16055 : 0.08
55	56	rb gny f-mg gwe	20	fe mky		2	greywache:16056 : 0.24
56	57	min yb f-mg gwe	80	mky lim		2	quartz :16057 : 0.37
57	58	gny min rb s/st/sh	50	fe mky		2	s/st./sh :16058 : 1.22
58	59	gny ptly. fract. s/st./f-mg gwe	60	sh.fe mky:min lim.		2	s/st./gwe:16059 : 1.93
59	60	yb min gn s/st/gwe	70	fe	lim/py	2	s/st./gwe:16060 : 7.35
60	61	yb min gn s/st/gwe	70-80	ptly sh. min fe q.		2	s/st./gwe:16061 :14.60
61	62	ryb min gn s/st./fg gwe	60	mky	mod. lim. st.	2	s/st./gwe:16062 : 1.23
62	63	y min gn s/st/fg gwe	40	mky	weakly lim/aspy	2	s/st./gwe:16063 : 0.41
63	64	gn min y sh/s/st./fg gwe	50	mky +- py:min lim st.		2	sh/s/st. :16064 : 1.22

TOP OF FRESH ROCK

DAMP AT

COMMENTS SAMPLE RECOVERY

BASE OF COMPLETE OXIDATION

WATER AT

OTHER

DRILL LOG

HOLE NO. FR 16

page 3. of 3 .

COORDINATES

5199 N.

9995 E.

LOGGED BY: R. ANGUS

DATE. 20/8/88

DRILLING

DECLINATION

60

COMPANY GARDENS

AZTH.

321

MACHINE

TOTAL DEPTH.

76 11.

COMPANY GARDENS

ELEVATION

1172 H.

MACHINE

METHOD R.C.

[illegible]

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 17

page 1. of 2.

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
BRILLING
COMPANY GARDENS
MACHINE
METHOD R.C.

COORDINATES
5150 N.
DECLINATION 55
AZIM. 321
TOTAL DEPTH. 60 M.
ELEVATION 1157 m.

9950 E.

LOGGED BY. M.I.H.
DATE. 15/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO							
0	1		FILL					
1	2		FILL					
2	3		FILL					
3	4		rb + rb mg gwe	8	mk	1	greywache: 1704	0.15
4	5		b + rb m-cg gwe	tr		1	greywache: 1705	0.06
5	6		b s/st./fg gwe		fe vlets	1	greywache: 1706	0.01
6	7		rb + b s/st. min wh. cly			1	siltstone: 1707	lt.01
7	8		rb + b s/st. min wh. cly			1	siltstone: 1708	0.06
8	9		weath. wh cly soft			1	clay	1709 : 0.12
9	10		weath. wh cly soft	tr		1	clay	1710 : 0.11
10	11		wh. cly min rb m-cg gwe			1	clay	1711 : 0.09
11	12		rb m-cg gwe	5-10	sh. fe	1	greywache: 1712	0.07
12	13		b m-fg gwe + rb sh		min lim. on jts	1	greywache: 1713	0.12
13	14		ppl + rb cg gwe soft alter. zone - cly.	2	cl	1	greywache: 1714	0.10
14	15		b + rb s/st./sh min wh. cly		tr lim	1	s/st./sh	1715 : 0.15
15	16		rb + rb cg gwe			1	greywache: 1716	0.03
16	17		rb + rb m-fg gwe altered to wh. cly		min lim.	1	greywache: 1717	0.19
17	18		rb + rb m-fg gwe altered to wh. cly	2-3	fe	1	greywache: 1718	0.18
18	19		rb + ppl mg gwe		min lim vlets	1	greywache: 1719	0.10
19	20		gyb mg gwe + min rb gwe	tr		1	greywache: 1720	0.12
20	21		rb cg gwe		tr lim.	1	greywache: 1721	0.04
21	22		gy + rb f-g gwe/s/st.	40	mk fe	1	gwe/s/st.: 1722	0.06
22	23		gy + rb mg gwe			1	greywache: 1723	lt.01
23	24		pl. gn +rb s/st./sh			1	s/st./sh	1724 :lt.01
24	25		pl. gn +rb s/st./sh		min lim	1	s/st./sh	1725 :lt.01
25	26		rb gy m-cg gwe			1	greywache: 1726	lt.01
26	27		pl.gy s/st. +min rb s/st.	tr	fe/q	1	siltstone: 1727	0.01
27	28		pl. gygn +rb s/st./sh	8-10	mk fe	1	s/st./sh	1728 : 0.13
28	29		pl. gygn +rb s/st./sh	20-25	mk	1	s/st./sh	1729 : 1.00
29	30		quartz min rb s/st.	80	mk lim	1	siltstone: 1730	0.59
30	31		rb s/st./fg gwe	5	mk	1	greywache: 1731	0.45
31	32		ppl + rb s/st.		min lim	1	siltstone: 1732	0.05
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY				
BASE OF COMPLETE OXIDATION		WATER AT		OTHER				

DRILL LOG

HOLE NO. FR 17

page 2. of 2 .

COORDINATES

5150 N.

9950 E.

LOGGED BY. M.I.H.

DATE. 15/8/88

DECLINATION

55

AZIM.

321

MACHINE

TOTAL DEPTH.

60 M.

METHOD R.C.

ELEVATION

1157 d.

PAGE. 44.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR. 18

page 1. of 3.

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5150 N.
DECLINATION 57
AZIM. 321
TOTAL DEPTH. 78. m.
ELEVATION 1165 M.

9982 E.

LOGGED BY R. ANGUS
DATE. 31/8/88

DEPTH M.		DESCRIPTION	QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE	Au
FROM	TO		%	DESCRIPT.	SULPH. %	CODE	CODE	NUMBER
0	1	fill				1		
1	2	fill				1		
2	3	rb min gn s/st.-sh/fq gwe				1	siltstone:18003	0.05
3	4	rb min gn s/st.-sh/fq gwe	tr			1	siltstone:18004	0.01
4	5	rb min gn s/st.-sh/fq gwe				1	siltstone:18005	0.01
5	6	ryb f-mg gwe min s/st.				1	greywache:18006	0.01
6	7	ryb min gn f-mg gwe				1	greywache:18007	lt.01
7	8	ryb min gn f-mg gwe min s/st. wh. cly.				1	greywache:18008	0.01
8	9	ryb tr gn f-mg gwe min s/st./sh min wh. cly.				1	greywache:18009	lt.01
9	10	ryb min gnb sh/s/st./m-cg gwe				1	sh/s/st. :18010	lt.01
10	11	ryb gn s/st./sh. min f-mg gwe fe st. on jts				1	s/st./sh :18011	lt.01
11	12	ryb min gn f-mg gwe tr fe on jts				1	greywache:18012	0.03
12	13	ryb gn fg gwe/s/st.	tr	tr fe on jts.		1	gwe/s/st.:18013	0.01
13	14	lt. gn + rb mg gwe + s/st+- sh				1	greywache:18014	0.02
14	15	ptly bleached yb mg gwe				1	greywache:18015	lt.01
15	16	ryb sh/s/st. + f-mg gwe				1	sh/s/st. :18016	0.02
16	17	ryb sh/s/st. + f-mg gwe				1	sh/s/st. :18017	0.01
17	18	ryb sh/s/st. common red cly.				1	sh/s/st. :18018	0.03
18	19	ptly bleached ryb f-mg gwe min sh/s/st.		fe vlets		1	greywache:18019	0.01
19	20	ptly bleached ryb f-mg gwe min sh/s/st.				1	greywache:18020	lt.01
20	21	ptly bleached ryb f-mg gwe min sh/s/st.	2	mk		1	greywache:18021	0.04
21	22	ptly bleached gnyb f-mg gwe	1-2	fe on jts		1	greywache:18022	0.02
22	23	gn + r mg gwe min sh/s/st.		rare fe on jts.		1	greywache:18023	0.04
23	24	lt. gn s/st/sh min mg gwe	50	mk fe	2-5% fe/lim	1	s/st./sh :18024	0.30
24	25	lt. gn s/st/sh min mg gwe	90	mk fe.st:		1	s/st./sh :18025	0.19
25	26	gy ppl min gn yb s/st./sh min fg gwe ptly fract:	10	mk		1	s/st./sh :18026	0.08
26	27	r+ gn mg gwe		fe vlets		1	greywache:18027	0.07
27	28	r+ gn mg gwe	5	fe		1	greywache:18028	0.73
28	29	ptly bleached gn r f-mg gwe	tr			1	greywache:18029	0.11
29	30	ptly bleached gn r f-mg gwe	2			1	greywache:18030	0.05
30	31	rb mg gwe rare red cly.	25	mk py		1	greywache:18031	0.14
31	32	ryb min gn f-mg gwe min sh/s/st.	5	mk fe		1	greywache:18032	0.05
TOP OF FRESH ROCK		DAMP AT	COMMENTS		SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT			OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR. 18

page 2. of 3 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI

COORDINATES

5150 N.

9982 E.

LOGGED BY R. ANGUS

DATE. 31/8/88

DRILLING

DECLINATION

57

COMPANY GAEDENS

AZIM.

321

MACHINE

TOTAL DEPTH.

78. m.

METHOD R.C.

ELEVATION

1165 M.

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
32	33		ptly bleached gn faun r sh/s/st. min mg gwe	1	fe vlets		1	sh/s/st.	18033	0.02
33	34		ryb + gn f-mg gwe + s/st./sh	1-2	mky	tr fe	1	greywache	18034	0.02
34	35		gnrb mg gwe tr s/st.				1	greywache	18035	0.01
35	36		gnrb mg gwe tr s/st.	1-2		min fe on jts	1	greywache	18036	0.02
36	37		rb f-mg gwe min s/st./sh	5	mky		1	greywache	18037	0.03
37	38		gn + rb m-cg gwe tr s/st.				1	greywache	18038	lt.01
38	39		rb/gn mg gwe/s/st.- sh	rare			1	gwe/s/st.	18039	0.10
39	40		ryb + gn fresher s/st. + fg gwe ptly slic.frac.		tr of py		2	siltstone	18040	1.04
40	41		ryb + gn s/st./sh ptly shr	20	mky gy py		2	s/st/sh	18041	1.26
41	42		freshening gn-gy mg gwe tr ryb sh/s/st.	tr	py		2	greywache	18042	0.41
42	43		gngy + ryb f0mg gwe tr sh/s/st.	tr	gy py	tr diss py.	2	greywache	18043	1.04
43	44		gn yrb f-mg gwe	2-5	mky	fe vlets.	2	greywache	18044	0.33
44	45		gn yrb mg gwe + sh/s/st.	5-10	mky py	tr py	2	greywache	18045	1.03
45	46		gn yrb mg gwe min sh/s/st.	tr	py		2	greywache	18046	0.01
46	47		fresh gn/faun/r mg gwe min sh/s/st.	5-10	mky	py vlets.	2	greywache	18047	0.01
47	48		fresh gn/faun/r sh/s/st. min gwe	1-2	py		2	sh/s/st.	18048	0.29
48	49		gn/faun/r s/st/fg gwe	2-5	mky		2	s/st/gwe	18049	0.03
49	50		dk gn s/st./fg gwe strong jts				2	s/st/gwe	18050	lt.01
50	51		r min gn sh/s/st. min fg gwe				2	sh/s/st	18051	0.01
51	52		r tr gn banded sh/s/st. tr gwe				2	sh/s/st.	18052	lt.01
52	53		gn faun s/st.- sh/fg gwe	25	mky lim	tr lim.	2	siltstone	18053	0.36
53	54		gn faun s/st.- sh/fg gwe	tr			2	siltstone	18054	0.03
54	55		gn/faun/y f-mg gwe min s/st.	5-10	mky		2	greywache	18055	0.21
55	56		gn/faun/y f-mg gwe	2-5			2	greywache	18056	lt.01
56	57		dk gn s/st./fg gwe	1			2	greywache	18057	0.32
57	58		dk gn ppl f-mg gwe min s/st./sh			2% aspy +- py	3	greywache	18058	0.96
58	59		dk gn ppl f-mg gwe min s/st./sh	10	mky	1-2% aspy	3	greywache	18059	2.02
59	60		dk gn ppl f-mg gwe min s/st./sh	25	mky		3	greywache	18060	0.12
60	61		dk gn s/st/fg gwe	2-5	mky		3	s/st/gwe	18061	0.07
61	62		dk gn s/st/fg gwe	50	mky lim	sh:fe/qtz	3	greywache	18062	0.35
62	63		gn r fg gwe +- s/st./sh	5	mky		3	greywache	18063	0.05
63	64		gn rb f-mg gwe min sh/s/st.				3	greywache	18064	lt.01
TOP OF FRESH ROCK				DAMP AT		COMMENTS		SAMPLE RECOVERY		
BASE OF COMPLETE OXIDATION				WATER AT				OTHER		

DRILL LOG

HOLE NO. FR. 18

page 3. of 3 .

COORDINATES
5150 N.

9982 E.

LOGGED BY.R.ANGUS
DATE. 31/8/88

DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

DECLINATION	57
AZIM.	321
TOTAL DEPTH.	78. m.
ELEVATION	1165 M.

[illegible]

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR. 19.

page 1. of 2 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI

COORDINATES
5100 N.

9915 E.

LOGGED BY R. ANGUS
DATE.

DRILLING
COMPANY GARDENS
MACHINE
METHOD R.C.

DECLINATION 60
AZIM. 321
TOTAL DEPTH. 50
ELEVATION 1151 M.

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
0 : 1	:ryb min gn f-mg gwe +- s/st.	:	:	:	1	:greywache:	19001	0.05
1 : 2	:ryb min gn f-mg gwe min s/st,+- sh	:	:	:	1	:greywache:	19002	0.02
2 : 3	:gnb yrb s/st.-sh/fg gwe tr lim on jts	:	:	:	1	:siltstone:	19003	0.10
3 : 4	:gnqy rb f-mg gwe tr s/st	:	:	:	1	:greywache:	19004	0.02
4 : 5	:gnqy rb f-mg gwe tr s/st	10	:mky	:	1	:greywache:	19005	0.35
5 : 6	:gnqy rb f-mg gwe	tr	:	:	1	:greywache:	19006	0.39
6 : 7	:ryb min gn f-mg gwe min s/st. min wh. clay	:	:	:	1	:greywache:	19007	0.04
7 : 8	:gn yb s/st./sh min fg gwe tr wh cly	:	:	:lim veinlets	1	:s/st./sh	:19008	0.04
8 : 9	:gn yb f-mg gwer min s/st.	:	:	:	1	:greywache:	19009	:lt.01
9 : 10	:gnyb m-cg gwe	2	:mky fe	:q/fe veinlets	1	:greywache:	19010	0.01
10 : 11	:gnyb f-mg-cg gwe	:	:	:	1	:greywache:	19011	:lt.01
11 : 12	:gnqy s/st./sh + mg gwe	tr	:	:	1	:s/st./sh	:19012	:lt.01
12 : 13	:gn ppl b m-cg gwe	min	:	:	1	:greywache:	19013	0.36
13 : 14	:gn ryb s/st+-sh tr fe on jts	:	:	:	1	:siltstone:	19014	0.31
14 : 15	:gn ppl yb m-cg gwe min fe on jts	2	:mky lim	:	1	:greywache:	19015	0.03
15 : 16	:f-mg gwe fe on jts	:	:	:	1	:greywache:	19016	:lt.01
16 : 17	:gn gy rb f-mg gwe tr s/st/sh	:	:	:	1	:greywache:	19017	:lt.01
17 : 18	:gnqy ryb mg gwe	30	:mky	:	1	:greywache:	19018	0.45
18 : 19	:fr/bx fe s/st/sh min gwe	70	:mky	:	1	:s/st./sh	:19019	1.99
19 : 20	:gn rh mg gwe	2-5	:mky	:	1	:greywache:	19020	0.39
20 : 21	:gnqy rb s/st/fg gwe	tr	:fe	:	1	:s/st./sh	:19021	0.09
21 : 22	:fresh gnpl m-cg gwe tr fe on jts	:	:	:	1	:greywache:	19022	0.05
22 : 23	:fresh gnpl m-cg gwe tr fe on jts	10-20	:mky fe	:q/lim vns to 1mm:	1	:greywache:	19023	1.05
23 : 24	:gnqy m-cg gwe fe on jts	min	:	:	1	:greywache:	19024	0.07
24 : 25	:gnqy m-cg gwe fe on jts	10	:mky fe	:	1	:greywache:	19025	0.06
25 : 26	:gnqy m-cg gwe	:	:	:	1	:greywache:	19026	:lt.01
26 : 27	:gnqy m-cg gwe	:	:	:fe/lim on jts	1	:greywache:	19027	0.02
27 : 28	:gnqy m-cg gwe	:	:	:	1	:greywache:	19028	0.02
28 : 29	:gn + rb m-cg gwe rare s/st.	:	:	:	1	:greywache:	19029	0.01
29 : 30	:gn + rb m-cg gwe rare s/st.	min	:mky	:	1	:greywache:	19030	:lt.01
30 : 31	:gn min rh m-cg gwe rare s/st	tr	:	:	1	:greywache:	19031	:lt.01
31 : 32	:rb min gn f-mg gwe min s/st	10	:mky fe	:	1	:greywache:	19032	0.93
:TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY				
:BASE OF COMPLETE OXIDATION		WATER AT		OTHER				

DRILL LOG

HOLE NO. FR. 19.

page 2. of 2 .

COORDINATES

5100 N.

9915 E.

LOGGED BY R. ANGUS

DATE.

DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

DECLINATION	60
AZIM.	321
TOTAL DEPTH.	50
ELEVATION	1151 M.

PAGE 49.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 20

page 1. of 3 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5099 N.
DECLINATION 64
AZIM. 321
TOTAL DEPTH. 74m
ELEVATION 1144 M.

9940 E.

LOGGED BY R. ANGUS
DATE. 29/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO						
0	1 : fill						
1	2 : ryb min gn f-mg gwe	tr	fe	1	greywache	20002	0.28
2	3 : ryb min gn f-mg gwe wh, cly.	25	fe	1	greywache	20003	0.57
3	4 : y ppl min lt. gn f-mg gwe min s/st.+- sh	2-5	mky	1	greywache	20004	0.58
4	5 : ryb sh/s/st. ptly fract. + f-mg gwe			1	sh/s/st.	20005	0.05
5	6 : ryb gnb s/st/fg gwe			1	s/st./sh	20006	0.05
6	7 : rbgy f-mg gwe + s/st wh, cly			1	greywache	20007	0.04
7	8 : rb s/st./fg gwe			1	sh/s/st.	20008	0.05
8	9 : rgyb s/st.+- sh/fg gwe	min	fe vlets	1	siltstone	20009	0.05
9	10 : rb gngy f-mg gwe min s/st.+-sh	10	mky fe	1	greywache	20010	0.27
10	11 : rb f-mg gwe tr s/st.		tr fe st.	1	greywache	20011	0.03
11	12 : rb gnb f-mg gwe +- s/st		min fe on jts	1	greywache	20012	0.03
12	13 : rgy f-mg gwe min s/st	20	mky	1	greywache	20013	0.07
13	14 : rb tr gy mg gwe min s/st.	10	fe	1	greywache	20014	0.41
14	15 : rb gngy mg gwe tr s/st.			1	greywache	20015	0.04
15	16 : rb gngy mg gwe +- s/st/sh			1	greywache	20016	0.04
16	17 : rb gngy mg gwe +- s/st/sh			1	greywache	20017	0.02
17	18 : rb min gy mg gwe = sh+- s/st.	5	sugary	1	greywache	20018	0.47
18	19 : rb + lt gn mg gwe + sh +- s/st.	10	mky	1	greywache	20019	0.28
19	20 : lt gnb mg gwe min sh	10	mky	1	greywache	20020	0.10
20	21 : gyb f-mg gwe		tr fe vlets	1	greywache	20021	0.04
21	22 : gyb f-mg gwe	10	mky	1	greywache	20022	0.05
22	23 : rb tr gn + yb mg gwe min s/st.		tr fe on jts	1	greywache	20023	0.02
23	24 : ryb mg gwe + sh/s/st.		tr fe vlets	1	greywache	20024	0.01
24	25 : rb mg gwe/sh+- s/st.		fe vlets common	1	gwe/sh	20025	0.03
25	26 : rb mg gwe/sh+- s/st.		fe vlets common	1	gwe/shj	20026	
26	27 : ryb f-mg gwe min s/st.	2	fe on jts	1	greywache	20027	0.04
27	28 : ryb + gn f-mg gwe/sh+- s/st.		fe vlets	1	gwe/sh	20028	0.09
28	29 : rb m-cg gwe	10-20	fract. fe	1	greywache	20029	0.06
29	30 : rb min gngy m-cg gwe	5-10	fe	1	greywache	20030	0.06
30	31 : gnb rb mg gwe min sh/s/st.		fe on lts	1	greywache	20031	0.05
31	32 : ryb mg gwe min sh/s/st.	tr		1	greywache	20032	0.03
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 20

page 2. of 3.

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5099 N.
DECLINATION 64
AZIM. 321
TOTAL DEPTH. 74m
ELEVATION 1144 M.

LOGGED BY R. ANGUS
DATE. 29/8/88

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
32	33		ryb mg gwe min sh/s/st.			1	sh/s/st.	20033	0.03
33	34		r + gngy mg gwe/sh+-s/st.			1	gwe/sh	20034	0.96
34	35		r + gngy mg gwe/sh+-s/st.			1	gwe/sh	20035	0.17
35	36		freshening gn + r f-mg gwe/sh+-s/st.			1	gwe/sh	20036	0.02
36	37		rb ppl yb min gn s/st/fg gwe		common lim stain	2	greywache	20037	0.03
37	38		rb + gn m-cg gwe min sh	10	sugary fe vlets	2	greywache	20038	0.13
38	39		r + gn f-mg gwe min s/st.	tr		2	greywache	20039	0.07
39	40		rb sh/s/st. + min faun mg gwe	10	mkky fe min lim vlets	2	sh/s/st.	20040	0.32
40	41		gn + r/faun f-mg gwe + s/st+- sh	5	py lim tr py jts	2	greywache	20041	0.32
41	42		gn tr ryb fg gwe/s/st./sh	1-2	py	2	gwe/s/st	20042	0.13
42	43		gn min ryb fg gwe/s/st./sh		common fe vlets	2	gwe/s/st.	20043	0.05
43	44		ryb min gn fg gwe/s/st./sh		rare fe on jts.	2	gwe/s/st.	20044	0.05
44	45		gn min ryb f-mg gwe	tr	py	2	greywache	20045	0.05
45	46		gn + ryb fg gwe + s/st./sh	10	mkky weak lim stain.	2	greywache	20046	0.06
46	47		ptly slic. gn tr yb mg gwe			2	greywache	20047	0.03
47	48		gn + ryb f-mg gwe min sh/s/st.	1-2	mkky py fe vlets	2	greywache	20048	0.02
48	49		gn s/st./fg gwe	2-5	mkky py vlets	2	greywache	20049	0.03
49	50		gn + ryb s/st/fg gwe min sh			3	s/st/gwe	20050	0.09
50	51		gnm + ryb s/st./sh	5	py	3	s/st/sh	20051	0.15
51	52		gn + ryb s/st./fg gwe tr sh,	5-10	py	3	s/st/gwe	20052	0.41
52	53		gn min rb s/st./fg gwe	10-20	mkky py tr py	3	s/st/gwe	20053	0.19
53	54		gn min rb f-mg gwe/s/sty.		rare diss py	3	gwe/s/st.	20054	0.04
54	55		gn min r/fnb s/st./fg gwe	min	mkky	3	s/st./gwe	20055	0.05
55	56		ptly bleached lt. gn s/st+- sh	50	mkky py min py	3	s/st/sh	20056	2.07
56	57		lt. gn fg gwe/s/st.	30-40	mkky py tr py	3	gwe/s/st.	20057	0.62
57	58		lt. gn fg gwe/s/st.	20	mkky py	3	gwe/s/st.	20058	0.24
58	59		gngy + ryb s/st+- fg gwe	2	py	3	siltstone	20059	0.19
59	60		lt. gn s/st./sh min gwe	30	mkky py	3	s/st./sh	20060	0.32
60	61		lt. + dk gn s/st/sh min fg gwe	10	mkky py tr py	3	s/st./sh	20061	0.11
61	62		gn s/st+- sh /fg gwe	1-2	mkky py min aspy	3	siltstone	20062	0.05
62	63		gn mg gwe min s/st./sh	10	mkky +- py	3	greywache	20063	0.12
63	64		gn f-mg gwe	2-5	mkky py	3	greywache	20064	0.05
TOP OF FRESH ROCK			DAMP AT	COMMENTS SAMPLE RECOVERY					
BASE OF COMPLETE OXIDATION			WATER AT 61.m.	OTHER					

DRILL LOG

HOLE NO. FR 20

page 3. of 3 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES	
5099 N.	
DECLINATION	64
AZIM.	321
TOTAL DEPTH.	74m
ELEVATION	1144 M.

9940 E.

LOGGED BY.R.ANGUS
DATE. 29/8/88

[illegible]

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 21

page 1. of 2 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GARDENS
MACHINE
METHOD R.C.

COORDINATES
5050 N.
DECLINATION 60
AZIM. 321
TOTAL DEPTH. 60 m.
ELEVATION 1140 M.

9875 E.

LOGGED BY R.ANGUS/M.I.H.
DATE. 16/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO	DESCRIPT.	SULPH. %				
0	1	fill/rb min lt. gn m-cg gwe				greywache:21001	0.11
1	2	b + rb + yb mg gwe		1-2% lim on jts	1	greywache:21002	0.04
2	3	rb + min yb lt. gn s/st./fg gwe		tr lim	1	greywache:21003	0.03
3	4	rb min gn s/st./fg gwe	2-3	cl mky	1	greywache:21004	0.21
4	5	b rb min gn mg gwe		tr lim on jts	1	greywache:21005	3.22
5	6	rb lt. gn mg gwe	1-2	mky fe	1	greywache:21006	0.37
6	7	b rb cg gwe		min lim on jts	1	greywache:21007	0.30
7	8	gy rb mg gwe	tr	tr lim	1	greywache:21008	0.33
8	9	rb gy lt. gn s/st.		min fe/q vlets	1	siltstone:21009	0.04
9	10	lt.gn rb f-cg gwe			1	greywache:21010	0.02
10	11	rb gygn min yb m-fg gwe wh. cly.		tr lim	1	greywache:21011	0.05
11	12	rb gy m-fg gwe			1	greywache:21012	0.03
12	13	b mg gwe rb staining		tr lim	1	greywache:21013	0.23
13	14	b gn m-fg gwe		min lim on jts	1	greywache:21014	0.03
14	15	rb min lt. gn s/st.		tr lim on jts	1	siltstone:21015	0.08
15	16	gy dk b cg gwe		min lim	1	greywache:21016	0.04
16	17	gygn b m-fg gwe		min lim on jts	1	greywache:21017	0.01
17	18	b rb fg gwe/s/st.		min lim on jts	1	gwe/s/st.:21018	0.03
18	19	gn min rb mg gwe lim assoc. rb gwe.			1	greywache:21019	0.01
19	20	gn gy rb mg gwe		tr lim	1	greywache:21020	0.01
20	21	gy gn mg gwe		min lim	1	greywache:21021	0.02
21	22	gy gn mg gwe			1	greywache:21022	0.01
22	23	dk gn min rb mg gwe vlt. of fe/py to 1 mm		fe/py vns	1	greywache:21023	0.02
23	24	lt. gn b min rb s/st./fg gwe		tr lim	1	s/st./gwe:21024	lt.01
24	25	rb gy min lt. gn s.st/fg gwe		tr lim	1	s/str./gw:21025	0.02
25	26	b rb s/st.		min lim/py	1	siltstone:21026	0.38
26	27	dk gn min rb cg gwe		tr lim	1	greywache:21027	0.07
27	28	b yb s/st.		min lim	1	siltstone:21028	0.01
28	29	gn rb s/st./ gwe		tr lim	1	s/st./gwe:21029	lt.01
29	30	dk gn fg gwe min rb s/st.-chert			2	greywache:21030	0.03
30	31	dk gn s/st./fg gwe + rb s/st.		min py/lim	2	s/st./gwe:21031	0.12
31	32	dk gn s/st./fg gwe + rb s/st.		tr lim	2	s/st./gwe:21032	0.03
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

DRILL LOG

page 2. of 2.

5050 N.

9875 E.

DATE. 16/8/88

DECLINATION

60

AZIM.

321

TOTAL DEPTH.

60 m.

ELEVATION

1140 M.

PAGE. 54.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 23

page 1. of 2 .

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
4925 N. 9849 E.
DECLINATION 60
AZIM. 51
TOTAL DEPTH. 50
ELEVATION 1159 m.

LOGGED BY R.ANGUS
DATE. 8/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	AN g/t
FROM	TO							
0	1	gnb s/st/sh			1	s/st/sh	23001	0.03
1	2	gnb s/st/sh min fe/lim st on jts		min	1	s/st/sh	23002	0.01
2	3	dk gnb + rb ptly mott. fg gw/s/st.			1	gwe/s/st.	23003	0.04
3	4	ptly slic jointed gnb fg gw/s/st.	tr	fe	1	gwe/s/st.	23004	0.14
4	5	ptly slic. ptly mott. gnb s/st/sh min mg gwe			1	s/st. /sh	23005	0.04
5	6	ptly slic gnb f-mg gwe min s/st.	5-10	fe	1	greywache	23006	0.02
6	7	dk rb min yb m-cg gwe tr s/st.			1	greywache	23007	0.08
7	8	dk rb min yb mott m-cg gwe tr s/st.wh cly.			1	greywache	23008	0.02
8	9	mott. gnb f-mg gwe			1	greywache	23009	0.01
9	10	mott. gnb f-mg gwe	tr	l.t. 2mm	1	greywache	23010	0.05
10	11	ptly silic. fg gwe/s/st.			1	gwe/s.st.	23011	0.03
11	12	silic. ygnb s/st/fg gwe			1	s/st./gwe	23012	0.02
12	13	gnryb f-mg gwe lesser s/st.+ sh	min	fe	1	greywache	23013	0.06
13	14	ryb sh/s/st. + mg gwe		min fe on jts	1	s/st./sh	23014	0.04
14	15	ryb sh/s/st. + mg gwe		min fe on jts	1	s/st./sh	23015	0.04
15	16	ryb s/st + sh /fg gwe	5	fe	1	s/st/sh/g	23016	0.05
16	17	ryb s/st + sh /fg gwe		tr fe/lim.	1	s/st./sh	23017	0.06
17	18	ryb f-mg gwe lesser s/st + sh	1	mky	1	greywache	23018	0.03
18	19	sil gnrb s/st/sh +fg gwe	5	mky	1	s/st./sh	23019	0.05
19	20	gn rb s/st/f-mg gwe +-s/st	10-20	mky	1	s/st.gwe	23020	0.05
20	21	ptly slic. lt gn dk rb f-mg gwe +- s/st	10	mky	1	greywache	23021	1.32
21	21.5	ptly slic. s/st/fg gwe stope fill	min		1	s/st./gwe	23022	0.13
21.5	23.3	STOP			1			
23.3	24	gn ryb s/st/f-mg gwe	5-10	fe stain	1	s/st.gwe	23024	0.73
24	25	gn ryb s/st/f-mg gwe ptly mott.	10-20	mky fe	1	s/st/gwe	23025	0.24
25	26	lt. gn min rb s/st.+ sh tr gwe	20	mky	1	s/st.sh	23026	0.25
26	27	ryb min gn s/st/sh tr gwe	10-20	mky	1	s/st.sh	23027	1.65
27	28	ryb ptly banded s/st/sh min gn mg gwe		fe vlets	1	s/st.sh	23028	0.07
28	29	ryb s/st./sh	10-20	fe	1	s/st.sh	23029	0.05
29	30	rb s/st/f-mg gwe			1	s/st./gwe	23030	0.05
30	31	rb tr gn s/st/f-mg gwe	2-5	fe	1	s/st.gwe	23031	0.03
31	32	gn + rb s/st min mg gwe			1	siltstone	23032	0.04
TOP OF FRESH ROCK		DAMP AT	COMMENTS					
BASE OF COMPLETE OXIDATION		WATER AT	SAMPLE RECOVERY					
			OTHER					

PAGE 55

DRILL LOG

HOLE NO. FR 23

page 2. of 2.

PROSPECT WOOLGHI

4925 N.

9849 E.

DATE. 8/8/88

DRILLING

DECLINATION

60

COMPANY GAEDENS

AZIM.

51

MACHINE

TOTAL DEPTH.

50

METHOD R.C.

ELEVATION

1159 m.

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
32 : 33	gn + rb s/st/fg gwe			1	s/st./gwe	23033	0.03
33 : 34	rb minb gyblk f-mg gwe +- s/st.			1	greywache	23034	0.03
34 : 35	rb tr blk s/st/sh tr fg gwe			1	s/st.sh	23035	0.18
35 : 36	rb min gygn fg gwe/s/st.			1	gwe/s/st.	23036	0.05
36 : 37	yb min rb + gn f-mg gwe min sh/s/st.			1	greywache	23037	0.07
37 : 38	gyb f-mg gwe min s/st.	tr	fe	1	greywache	23038	0.06
38 : 39	silic. lt. gn + dk rb mg gwe +- s/st			1	greywache	23039	0.06
39 : 40	silic. lt. gn + dk rb f-mg gwe			1	greywache	23040	0.05
40 : 41	lt. gn + dk rb sh/ s/st. tr fg gwe			1	sh/s/st.	23041	0.06
41 : 42	lt. gn + dk rb sh/ s/st. min fg gwe		tr fe vlets	1	sh/s/st.	23042	0.06
42 : 43	frac. bx. vlets + rb s/st./sh		fe vlets	1	s/st/sh	23043	0.04
43 : 44	rb min gn s/st/fg gwe		rare aspy.	2	s/st./gwe	23044	0.04
44 : 45	ptly bleached lt. gn-rb f-mg gwe	rare	fe	2	greywache	23045	0.07
45 : 46	rb min gny m-cg gwe			2	greywache	23046	0.02
46 : 47	rb min gny m-cg gwe	10	fe	2	greywache	23047	0.04
47 : 48	rb + fresh dk gn mg gwe	2	fe	2	greywache	23048	0.03
48 : 49	gnrb m-cg gwe	2-5	mky	2	greywache	23049	0.03
49 : 50	gn + rb m-cg gwe	min		2	greywache	23050	0.03

TOP OF FRESH ROCK

DAMP AT

COMMENTS SAMPLE RECOVERY

BASE OF COMPLETE OXIDATION

WATER AT

OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 24

page 1. of 3.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
4898 N. 9849 E.
DECLINATION 60
AZIM. 051
TOTAL DEPTH. 72 m.
ELEVATION 1156 M.

LOGGED BY R.ANGUS
DATE. 18/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO							
0	1 : yrb s/st.				1	siltstone	24001	0.04
1	2 : ptly bleached yrb min gn f-mg gwe min s/st.			min lim ex py	1	greywache	24002	0.12
2	3 : yrb f-mg gwe/sh+- s/st.				1	gwe/sh	24003	0.03
3	4 : ry f-mg gwe min wh. cly			fe vlet	1	greywache	24004	0.02
4	5 : gny rb f-mg gwe/sh+-s/st. wh cly	5	gy mky sh:		1	gwe/sh	24005	0.02
5	6 : gny rb f-mg gwe/sh+-s/st. wh cly				1	gwe/sh	24006	0.02
6	7 : gnb sh+- s/st.pk b mg gwe wh. cly				1	shale	24007	lt.01
7	8 : gn ppl yb mg gwe			fe on jt	1	greywache	24008	lt.01
8	9 : gny f-mg gwe min wh cly				1	greywache	24009	0.04
9	10 : gnb min rb m-cg gwe	2	fe	tr fe vlet	1	greywache	24010	0.07
10	11 : gnyb sh/s/st. min gwe	min	fe		1	sh/s/st.	24011	0.03
11	12 : gnyb mg gwe min sh.			fe/lim on jts	1	greywache	24012	0.01
12	13 : gny + ppl gy f-mg gwe min sh.				1	greywache	24013	lt.01
13	14 : gny rb pplgy f-mg gwe min cherty sh.			fe/lim vlets min:	1	greywache	24014	0.02
14	15 : gny dk rb f-mg gwe/s.st.	2-5	mky		1	gwe/s/st.	24015	0.06
15	16 : gnrb f-mg gwe/sh	5	mky		1	gwe/sh	24016	1.17
16	17 : gnrb f-mg gwe/sh pk/r cly	10-20	fe mky sh:		1	gwe/sh	24017	0.37
17	18 : gnrb s/st./sh min pk/r cly				1	s/st./sh	24018	0.10
18	19 : ptly slic. gnrb f-mg gwe tr sh.				1	greywache	24019	0.04
19	20 : ptly slic. gnrb f-mg gwe tr sh. pk/r cly	min	fe	min fe st.	1	greywache	24020	0.11
20	21 : gn ryb sh+- s/st. min gwe				1	shale	24021	0.08
21	22 : gn ryb ptly silic. cherty gny min rb sh./s/st.	5-10	fe shr		1	sh/s/st.	24022	0.14
22	23 : gy gn yb ptly mott. sh+- s/st. jted				1	shale	24023	0.02
23	24 : gy gn yb ptly mott. s/st./fg gwe jted				1	s/st./sh	24024	lt.01
24	25 : gy gn yb ptly mott. s/st./fg gwe jted			fe vlets	1	s/st/gwe	24025	lt.01
25	26 : gy gn yb ptly mott. s/st./fg gwe min cherty sh.				1	s/st/gwe	24026	lt.01
26	27 : ptly slic. gnyb s/st.sh tr gwe pk/r cly soft				1	s/st/sh	24027	0.06
27	28 : ptly mott. gn s/st./fg gwe min cly				1	s/st/gwe	24028	0.01
28	29 : ptly mott. gn s/st./fg gwe min cly				1	s/st/gwe	24029	0.01
29	30 : ptly mott. gn s/st./fg gwe min cly				1	s/st/gwe	24030	0.01
30	31 : gn dk rb f-mg gwe	1-2	fe		1	greywache	24031	lt.01
31	32 : gn dk rb f-mg gwe tr cly				1	greywache	24032	0.03
: TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY				
: BASE OF COMPLETE OXIDATION		WATER AT		OTHER				

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 24

page 2. of 3.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GARDENS
MACHINE
METHOD R.C.

COORDINATES
4898 N.
DECLINATION 60
AZIM. 051
TOTAL DEPTH. 72 m.
ELEVATION 1156 M.

9849 E.
LOGGED BY R. ANGUS
DATE. 18/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO						
32	33	silic. gn dk rb ptly mott. fgw/s/st. cly			1 : gwe/s/st	24033	lt.01
33	34	silic. gn dk rb ptly mott. fg gwe min s/st.			1 : greywache	24034	lt.01
34	35	gy mott. gn min ryb fg gwe/s/st. jted		poor sample	1 : gwe/s/st	24035	lt.01
35	36	gnqy +rb s/st./sh jted			1 : s/st/sh	24036	lt.01
36	37	rb min gn f-mg gwe/s/st.			1 : gwe/s/st	24037	lt.01
37	38	rb sh/s/st.+min gyb mg gwe		fe/lim on jts	1 : sh/s/st	24038	0.02
38	39	gyyb rb mg gwe min s/st./sh min jted			1 : greywache	24039	lt.01
39	40	ryb +gyb f-mg gwe min sh.	10	fe	1 : greywache	24040	0.04
40	41	gyb + gn f-mg gwe min sh	2		1 : greywache	24041	0.01
41	42	gyb + gn f-mg gwe min sh	2		1 : greywache	24042	lt.01
42	43	gn +gy +min rb sh + s/st. min mg gwe	5		1 : shale	24043	0.01
43	44	gyb rb f-mg mic. gwe min sh/s/st.	tr	lim vlets:	1 : greywache	24044	0.01
44	45	rb min gy sh/s/st. min gwe			1 : sh/s/st.	24045	0.02
45	46	rb min gy mg gwe min sh/s/st.	tr		1 : greywache	24046	0.02
46	47	rb f-mg gwe tr sh.			1 : greywache	24047	0.02
47	48	rb f-mg gwe/s/st.+ sh.			1 : gwe/s/st.	24048	0.41
48	49	gn + dk rb s/st/f-mg gwe			1 : s/st./gwe	24049	0.05
49	50	rb min gny s/st. min fg gwe			1 : siltstone	24050	0.10
50	51	gn pplb sh+ s/st tr gwe			1 : shale	24051	0.05
51	52	fresh gn min pplb sh+s/st. min mg gwe			1 : shale	24052	0.01
52	53	dk gn s/st+ sh. +mg gwe			1 : siltstone	24053	lt.01
53	54	dk gn sh/s/st. min gwe			1 : sh/s/st.	24054	lt.01
54	55	dk gnb ptly slic. fresh sh/s/st. tr mg gwe			1 : sh/s/st.	24055	lt.01
55	56	gn + rb f-mg gwe min sh/s/st.	2-5	mky	1 : greywache	24056	lt.01
56	57	gn + rb f-mg gwe min sh/s/st.	tr	sug.	1 : greywache	24057	lt.01
57	58	dk gn mg gwe min sh/s/st.		min lim on jts	1 : sh/s/st.	24058	lt.01
58	59	dk gnb mg gwe + sh/s/st.			1 : sh/s/st.	24059	lt.01
59	60	dk gn + r sh/s/st. + mg gwe			1 : sh/s/st.	24060	lt.01
60	61	gnb +rb sh/s/st.		min fe/lim	1 : sh/s/st.	24061	0.04
61	62	gn rb sh/s/st.			1 : sh/s/st.	24062	0.04
62	63	dk gn sh+s/st. min mg gwe			1 : shale	24063	0.03
63	64	dk gn min yb sh/s/st. min mg gwe		tr fe	1 : sh/s/st.	24064	0.03
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

DRILL LOG

HOLE NO. FR 24

page 3. of 3 .

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES	
4898 N.	
DECLINATION	60
AZIM.	051
TOTAL DEPTH.	72 m.
ELEVATION	1156 M.

LOGGED BY.R.ANGUS
DATE. 18/8/88

PAGE. 59,

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 26

page 1. of 2.

PROJECT FERGUSSON RIVER
 PROSPECT WOOLGHI
 DRILLING
 COMPANY GAEDENS
 MACHINE
 METHOD R.C.

COORDINATES
 4900 N. 9801.25 E.
 DECLINATION 55
 AZIM. 051
 TOTAL DEPTH. 50 m.
 ELEVATION 1147 M.

LOGGED BY R. ANGUS
 DATE. 9/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO						
0	1.5	fill			1		
1.5	2	ptly silic. yb-dk rb s/st./fg gwe ptly mott.			1	s/st./gwe:26002	0.06
2	3	ptly silic. gny rb s/st/fg gwe jointed			1	s/st./gwe:26003	0.04
3	4	ptly silic. mott dk rb s/st/fg gwe			1	s/st./gwe:26004	0.05
4	5	ptly silic. mott dk rb s/st/fg gwe			1	s/st./gwe:26005	0.04
5	6	ptly silic. mott dk rb s/st/fg gwe hornfels ?			1	s/st./gwe:26006	0.05
6	7	ptly silic. mott dk rb s/st/fg gwe hornfels ?			1	s/st./gwe:26007	0.03
7	8	gn + rb m-cg gwe ptly silic	5-10	fe	1	greywache:26008	0.03
8	9	dk rgyb gnb mg gwe ptly mott.			1	greywache:26009	0.04
9	10	dk gyr mg gwe tr s/st. wh cly			1	greywache:26010	0.04
10	11	dk gyr mg gwe tr s/st. wh cly comm. jted			1	greywache:26011	0.05
11	12	gybn f-mg gwe + s/st.			1	greywache:26012	0.02
12	13	ryb + gnb s/st. + mg gwe	min	fe	1	siltstone:26013	0.04
13	14	ryb + gnb s/st. + min mg gwe			1	siltstone:26014	0.04
14	15	gybn f-mg gwe tr s/st	min	fe	1	greywache:26015	0.04
15	16	ryb mg gwe + s/st			1	greywache:26016	0.03
16	17	gyb rb mg gwe +- sh/s/st.	10-20	fe	1	greywache:26017	0.03
17	18	dk rb yb sh/s/st. min mg gwe			1	sh/s/st. :26018	0.04
18	19	dk rb yb s/st./sh min gwe	5	fe	1	s/st./sh :26019	0.03
19	20	ryb s/st/mg gwe			1	greywache:26020	0.04
20	21	ryb s/st/mg gwe	min	fe	1	greywache:26021	0.04
21	22	dk rb min yb sh/s/st. min gwe			1	sh/s/st. :26022	0.04
22	23	ryb mg gwe +- s/st/sh			1	greywache:26023	0.06
23	24	mott. gn dk rb s/st/fg gwe lesser ryb mg gwe	1-2	fe	1	s/st./gwe:26024	0.04
24	24.8	lt. gn fg gwe./s/st.	1-2		1	gwe/s/st.:26025	0.04
24.8	26.4	STOPE			1		
26.4	27	gnqy rb s/st/sh tr mg gwe			1	s/st./sh :26027	0.18
27	28	gnrb s/st+-sh/fg gwe	min	mky	1	siltstone:26028	0.19
28	29	fresh gn r fg gwe/s/st. tr mg gwe			2	gwe/s/st.:26029	0.17
29	30	fresh gn r fg gwe/s/st. tr mg gwe	min	fe	2	gwe/s/st.:26030	0.07
30	31	gnrb sh/s/st. tr mg gwe			2	sh/s/st. :26031	0.03
31	32	gnrb sh/s/st. tr mg gwe			2	sh/s/st. :26032	0.04
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

DRILL LOG

SOLE NO. FR 26

page 2. of 2 .

COORDINATES

4900 H.

9801.25 E.

LOGGED BY R. ANGUS

DATE. 9/8/88

DRILLING

DECLINATION

55

COMPANY GARDENS

AZTM

051

MACHINE

TOTAL DEPTH.

50 頁.

METHOD R.C.

ELEVATION

1147 H.

PAGE. 61.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 28

page 1. of 2.

PROJECT FERGUSON RIVER
PROSPECT WOOLGAI

COORDINATES
4911 N.

9752 E.

LOGGED BY R. ANGUS
DATE 10/8/88

DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

DECLINATION 50
AZIM. 051
TOTAL DEPTH. 44 m.
ELEVATION 1138 M.

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
0	1		fill			1			
1	2		fill			1			
2	3		silic. gnybn s/st./fg gwe			1	s/st./gwe:28003	0.28	
3	4		silic. gnyrb s/st. ptly. mott.			1	siltstone:28004	0.01	
4	5		ptly silic. fresh gngy yb mott. s/st.			1	siltstone:28005	lt..01	
5	6		silic. gny s/st./fg gwe			1	s/st./gwe:28006	lt..01	
6	7		gnyb + rb s/st./sh +fg gwe		tr fe veinlet	1	s/st./shj:28007	lt..01	
7	8		gnyb fg gwe	min	cl gy mky	1	greywache:28008	lt..01	
8	9		orange yr min gnb f-mg gwe		fe/qtz vlets.	1	greywache:28009	lt..01	
9	10		lt. gngy s/st./fg gwe			1	greywache:28010	lt..01	
10	11		lt. gn ppl gy mg gwe min jts			1	greywache:28011	lt..01	
11	12		gn rb f-mg gwe tr rb sh		min fe vlets	1	greywache:28012	lt..01	
12	13		rb min gn mg gwe min s/st.		fe vlets common	1	greywache:28013	lt..01	
13	14		rb f-mg gwe min s/st./sh			1	greywache:28014	lt..01	
14	15		ryb gngy f-mg gwe/s/st.			1	gwe/s/st.:28015	lt..01	
15	16		ryb gngy f-mg gwe/s/st.	2-5	yellow	1	gwe/s/st.:28016	lt..01	
16	17		ryb gngy mg gwe/s/st.+ sh			1	gwe/s/st.:28017	lt..01	
17	18		rb fg gwe /s/st. y film on jts			1	gwe/s/st.:28018	lt..01	
18	19		rb fg gwe /s/st. y film on jts tr slic. gn s/st.			1	gwe/s/st.:28019	lt..01	
19	20		rb gny s/st.+sh/f-mg gwe			1	siltstone:28020	lt..01	
20	21		ryb s/st. + sh +fg gwe tr fe stained jts.			1	siltstone:28021	lt..01	
21	22		ryb s/st/f-mg gwe	5-10	gy mky fe:min fe on jts.	1	s/st./gwe:28022	lt..01	
22	23		gngy min yb f-mg gwer + ryb banded s/st.			1	greywache:28023	lt..01	
23	24		ryb min gn s/st tr fg gwe	tr	gy mky	1	siltstone:28024	lt..01	
24	25		fresh gn +dk rb s/st tr rb s/st/sh			2	siltstone:28025	lt..01	
25	26		fresh gn +dk rb s/st tr rb s/st/sh	5-10	gy mky :shred fr/qtz	2	siltstone:28026	lt..01	
26	27		fresh gn +dk rb s/st tr rb s/st/sh wh cly.	tr	shred fe	2	siltstone:28027	lt..01	
27	28		ptly. slic. lt., dk gn min rb s/st./sh	50	gy mky fe:shred fe qtz	2	s/str./sh:28028	0.03	
28	29		ptly slic. dk gn rb m-cg gwe r/org. film on jt:tr			2	greywache:28029	lt..01	
29	30		ptly slic. dk gnr mg gwe + sh/s/st.		fe vlets	2	greywache:28030	lt..01	
30	31		ptly slic. dk gn +ryb sh/s/st tr gwe			2	sh/s/st.:28031	lt..01	
31	32		dk gn rb sh/s/st. + mg gwe		fe vlets	2	sh/s/st.:28032	lt..01	
TOP OF FRESH ROCK									
BASE OF COMPLETE OXIDATION									
DAMP AT				COMMENTS					
WATER AT				SAMPLE RECOVERY					
				OTHER					

DRILL LOG

page 2. of 2 .

LOGGED BY.R.ANGUS
DATE. 10/8/88

DECLINATION	50
AZIM.	051
TOTAL DEPTH.	44 m.
ELEVATION	1138 M.

PAGE. 63.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR. 29

page 1. of 2.

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
5400 N.
DECLINATION 58
AZIM. 141
TOTAL DEPTH. 50
ELEVATION 1157 M.

9878 E.

LOGGED BY R. ANGUS
DATE. 1/9/88

DEPTH M.	DESCRIPTION	QUARTZ	LIM.	WEATH.	LITHOL.	SAMPLE	Au	
FROM	TO	%	DESCRIPT.	SULPH.	CODE	NUMBER	g/t	
0	1	:	fill	:	1	:	:	
1	2	:	fill	:	1	:	:	
2	3	:	yrb mg gwe	:	1	greywache:29003	0.14	
3	4	:	rb f-mg gwe min s/st min wh cly	:	1	greywache:29004	0.02	
4	5	:	rb f-mg gwe min s/st min wh cly	:	1	greywache:29005	0.02	
5	6	:	ryb s/st. min sh	5-10 :cl	:	1	siltstone:29006	0.02
6	7	:	ptly bleached gny +ppl s/st+- sh/fg gwe	tr :	:	1	siltstone:29007	0.01
7	8	:	ryb s/st.- fg gwe	:	:	1	siltstone:29008	0.01
8	9	:	yb f-mg gwe	5 :fe	:	1	greywache:29009	lt.01
9	10	:	yb ppl mg gwe wh cly	:	:	1	greywache:29010	0.01
10	11	:	rb s/st/fg gwe	:	:	1	greywache:29011	0.02
11	12	:	ryb s/st/fg gwe min wh cly	:	:	1	greywache:29012	0.03
12	13	:	rb s/sdt.- sh	:	:	1	siltstone:29013	0.03
13	14	:	yb sh/s/st. min gwe	:	:	1	sh/s/st. :29014	lt.01
14	15	:	ptly bleached gnyb r/ppl/b fg gwe/s/st.	10 :mky	:	1	gwe/s/st.:29015	0.14
15	16	:	yb sh/s/st./fg gwe	5 :mky	:	1	sh/s/st. :29016	0.24
16	17	:	gnyb rb s/st.- fg gwe	5-10 :fe	:	1	siltstone:29017	0.62
17	18	:	gnb yb mg gwe	:	:	1	greywache:29018	0.05
18	19	:	gnb yb mg gwe + min yb sh/s/st.	2 :fe	:	1	greywache:29019	0.14
19	20	:	ryb tr gn s/st./sh.	tr :fe	:	1	s/st./sh :29020	0.14
20	21	:	y min rb s/st./fg gwe	:	:	1	s/st./gwe:29021	0.02
21	22	:	ryb f-mg gwe tr s/st.	:	:	1	greywache:29022	lt.01
22	23	:	ryb f-mg gwe tr s/st.	:	:	1	greywache:29023	0.02
23	24	:	y + r f-mg gwe/s/st	:	:	1	gwe/s/st.:29024	lt.01
24	25	:	gnyb mg gwe	:	:	1	greywache:29025	lt.01
25	26	:	gngy + yb m-cg gwe	min :y	:	1	greywache:29026	lt.01
26	27	:	ryb sh/s/st.	:	:	1	sh/s/st. :29027	0.20
27	28	:	yrb f-mg gwe	25 :mky lim	:	1	greywache:29028	4.38
28	29	:	yb sh/s/st.	5-10 :mky fe	:	1	sh/s/st. :29029	2.41
29	30	:	ygnb + rb mg gwe	:	:	1	greywache:29030	0.21
30	31	:	ryb f-mg gwe	:	:	1	greywache:29031	0.01
31	32	:	ygnb rb sh/sd/st.	:	:	1	sh/s/st. :29032	0.01
TOP OF FRESH ROCK		DAMP AT		COMMENTS SAMPLE RECOVERY				
BASE OF COMPLETE OXIDATION		WATER AT		OTHER				

DRILL LOG

page 2. of 2 .

COORDINATES	
5400 N.	
DECLINATION	58
AZIM.	141
TOTAL DEPTH.	50
ELEVATION	1157 M.

9878 E.

LOGGED BY.R.ANGUS
DATE. 1/9/88

PAGE 65.

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 30

page 1. of 3.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
4910 N.
DECLINATION 60
AZIM. 51
TOTAL DEPTH. 69 m.
ELEVATION 1156 M.

9900 E.

LOGGED BY R. ANGUS
DATE. 17/8/88

DEPTH M.	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO						
0	1 : fill 0.2m. ryb sh +- s/st +f-mg gwe				1 : greywache	30001	0.03
1	2 : ryb min gnb mg gwe	:rare	:lim		1 : greywache	30002	:lt.01
2	3 : yb + gn f-mg gwe	:10-20:cl	:gy		1 : greywache	30003	:0.61
3	4 : gn + rb f-mg gwe/s/st.+- sh				1 : gwe/s/st.	30004	:lt.01
4	5 : rb min gn sh+- s/st/f-mg gwe				1 : shale	30005	:lt.01
5	6 : rb min gn sh+- s/st/f-mg gwe jted wh cly				1 : shale	30006	:lt.01
6	7 : ryb mg gwe min sh+- s/st.				1 : greywache	30007	:lt.01
7	8 : bleached b f-mg gwe min s/.st. min gn y s/st.				1 : greywache	30008	:lt.01
8	9 : ryb sh min mg gwe jted				1 : greywache	30009	:lt.01
9	10 : rb min gn yb f-mg gwe min sh	:tr	:fe		1 : greywache	30010	:lt.01
10	11 : fe rb sh + gnb mg gwe				1 : shale	30011	:lt.01
11	12 : fe rb + yrb sh. min wh. cly.				1 : shale	30012	:lt.01
12	13 : yrb m-cg gwe min sh				1 : greywache	30013	:lt.01
13	14 : gnyb min gy mg gwe tr sh	:5	:fe		1 : greywache	30014	:lt.01
14	15 : gnyb + rb sh/s/st./mg gwe	:5	:fe		1 : sh/s/st.	30015	:0.01
15	16 : gnyb min rb f-mg gwe tr sh				1 : greywache	30016	:lt.01
16	17 : ryb f-mg gwe tr sh				1 : greywache	30017	:lt.01
17	18 : gnb rb sh min mg gwe				1 : shale	30018	:lt.01
18	19 : gnyb sh min mg gwe				1 : shale	30019	:lt.01
19	20 : ptly slic. gnb sh/s/st + mg gwe				1 : sh/s/st.	30020	:lt.01
20	21 : ptly. slic. gnyb fg gwe min s/st.				1 : greywache	30021	:lt.01
21	22 : ptly. slic. gnyb fg gwe min s/st.				1 : greywache	30022	:lt.01
22	23 : gnb min b s/st.+ mg gwe				1 : siltstone	30023	:lt.01
23	24 : gnb dk rb fg gwe + s/st+- sh	:tr			1 : greywache	30024	:0.05
24	25 : ptly. bleached gnb fg gwe/s/st.	:min	:fe		1 : greywache	30025	:0.06
25	26 : ybgn sh/s/st. min fg gwe				1 : sh/s/st.	30026	:lt.01
26	27 : yb + gn f-mg gwe/sh				1 : gwe/sh	30027	:lt.01
27	28 : gnrh mg gwe min sh/s/st.	:tr			1 : greywache	30028	:lt.01
28	29 : rgnb f-mg gwe tr s/st.				1 : greywache	30029	:lt.01
29	30 : rgnb f-mg gwe tr s/st.				1 : greywache	30030	:lt.01
30	31 : poor sample return gnrh s/st./fg gwe				1 : s/st./gwe	30031	:lt.01
31	32 : gn + b sh+- s/st. min gwe				1 : shale	30032	:lt.01
TOP OF FRESH ROCK		DAMP AT	COMMENTS	SAMPLE RECOVERY			
BASE OF COMPLETE OXIDATION		WATER AT		OTHER			

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG

HOLE NO. FR 30

page 2. of 3.

PROJECT FERGUSON RIVER
PROSPECT WOOLGHI
DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.

COORDINATES
4910 N.
DECLINATION 60
AZIM. 51
TOTAL DEPTH. 69 m.
ELEVATION 1156 M.

LOGGED BY R. ANGUS
DATE. 17/8/88

DEPTH M.	FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
32	33		ryb sh/s/st +mg gwe			1	sh/s/st.	30033	lt.01
33	34		ryb s/st +- sh min mg gwe		tr fe vlt	1	siltstone	30034	lt.01
34	35		ryb mg gwe + s/st.		fe/q vning	1	greywache	30035	lt.01
35	36		gnpy f-mg gwe min ryb sh/s/st.		tr fe vlt.	1	greywache	30036	lt.01
36	37		gnpy s/st min f-mg gwe	min	mky min fe vlt	1	siltstone	30037	lt.01
37	38		rb min gnb s/st/f-mg gwe	2-5	ygy	1	s/st/gwe	30038	lt.01
38	39		rb mg gwe + s/st.	tr		1	greywache	30039	lt.01
39	40		ryb min gn f-mg gwe min s/st.+sh	2-5	mky fe	1	greywache	30040	lt.01
40	41		ryb s/st.sh	10	mky fe	1	s/st./sh	30041	lt.01
41	42		ryb f-mg gwe + s/st/sh	min		1	greywache	30042	lt.01
42	43		rygnb s/st+- sh /fg gwe	min	lim	1	siltstone	30043	lt.01
43	44		gn ppl s/st. +- sh	5	py lim	2	siltstone	30044	0.40
44	45		ryb ptly banded sh/s/st. min mg gwe ptly sh.	10-20	mky cl py	2	sh/s/st.	30045	0.13
45	46		gn + r s/st/sh + f-mg gwe	tr	min fe vlt	2	s/st./sh	30046	lt.01
46	47		ppl rb s/st.+ sh	25	mky py li:fe on jts	2	s/st.	30047	1.66
47	48		lt.- dk gny sh/s/st. min fg gwe	40	mky py	2	sh/s/st.	30048	1.13
48	49		fresh lt. + dk gn sh/s/st +mg gwe	1-2	mky py	2	sh/s/st.	30049	0.02
49	50		gn r sh/s/st. min gwe	25	mky py	2	sh/s/st.	30050	0.28
50	51		fresh ptly slic. dk gn b min rb sh/s/st. tr fg		min py vl:ts	2	sh/s/st.	30051	lt.01
51	52		slic dk gn f-mg gwe	tr	rare fe/py vlt.	2	greywache	30052	lt.01
52	53		gn/lt. b sh/s/st. min f- mg gwe		tr py	2	sh/s/st.	30053	lt.01
53	54		dk gn sh + f-mg gwe		tr py	2	shale	30054	lt.01
54	55		gn min rb sh/s/st. min gwe		tr diss py on jt	2	sh/s/st.	30055	0.21
55	56		gn min rb fg gwe min s/st.			2	greywache	30056	lt.01
56	57		gn rb f-mg gwe			2	greywache	30057	lt.01
57	58		dk gn + lt. b sh/s/st. rare gwe	5	fe py	2	sh/s/st.	30058	0.04
58	59		dk gny sh/s/st			2	sh.s/st.	30059	lt.01
59	60		dk gn s/st./sh min fg gwe			2	s/st./sh	30060	lt.01
60	61		dk gn sh min fg gwe			2	shale	30061	lt.01
61	62		dk gy + lt gn -rb sh+- s/st./f-mg gwe		min vlted.	2	shale	30062	lt.01
62	63		silic. ptly. bleached dk gn min r fg gwe +- s/s:	1-2		2	greywache	30063	lt.01
63	64		dk gn f-mg gwe	tr		2	greywache	30064	lt.01
TOP OF FRESH ROCK			DAMP AT	COMMENTS SAMPLE RECOVERY					
BASE OF COMPLETE OXIDATION			WATER AT	OTHER					

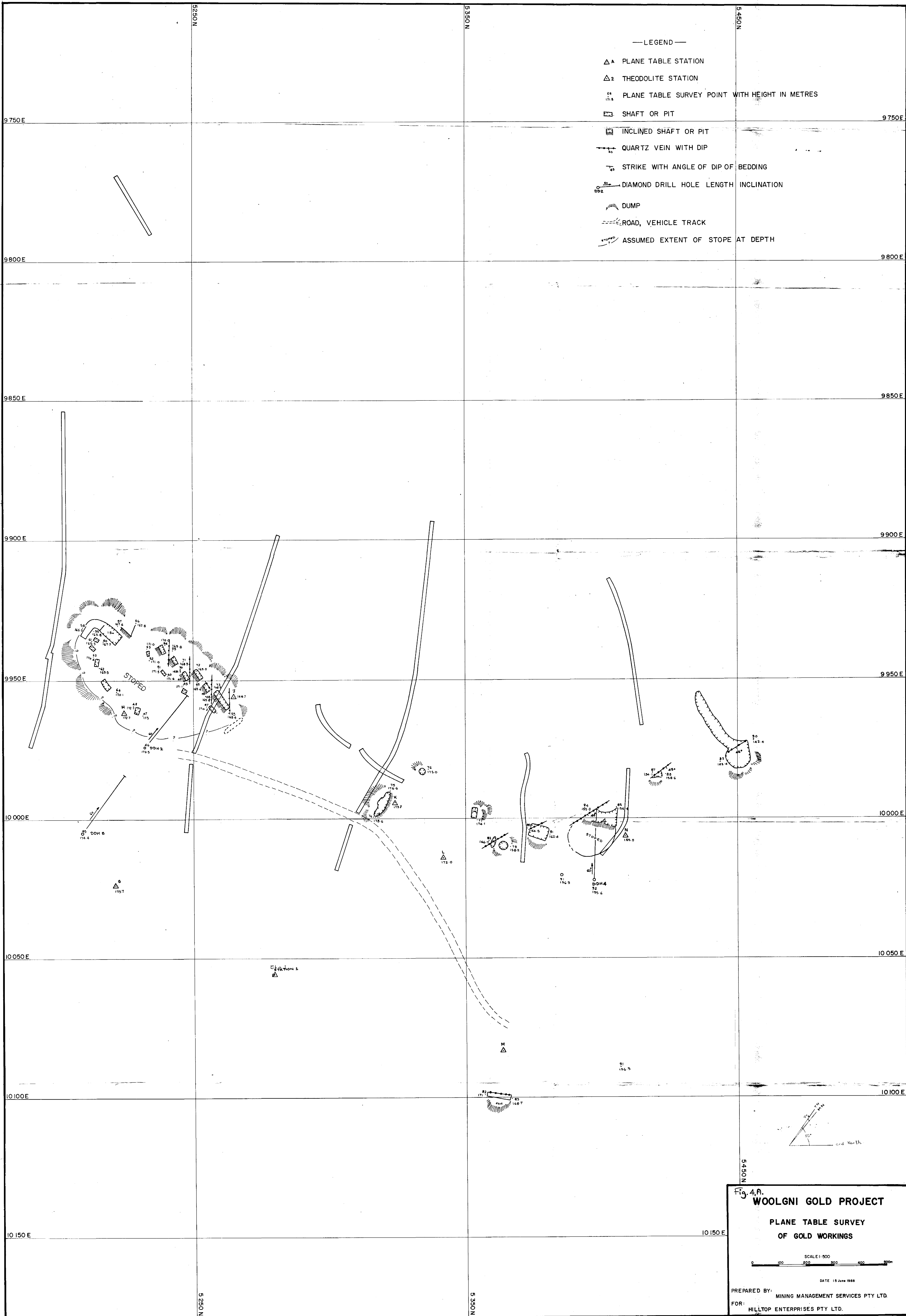
DRILL LOG

page 3. of 3 .

COORDINATES	
4910 N.	
DECLINATION	60
AZIM.	51
TOTAL DEPTE.	69 m.

LOGGED BY.R.ANGUS
DATE. 17/8/88

[illegible]



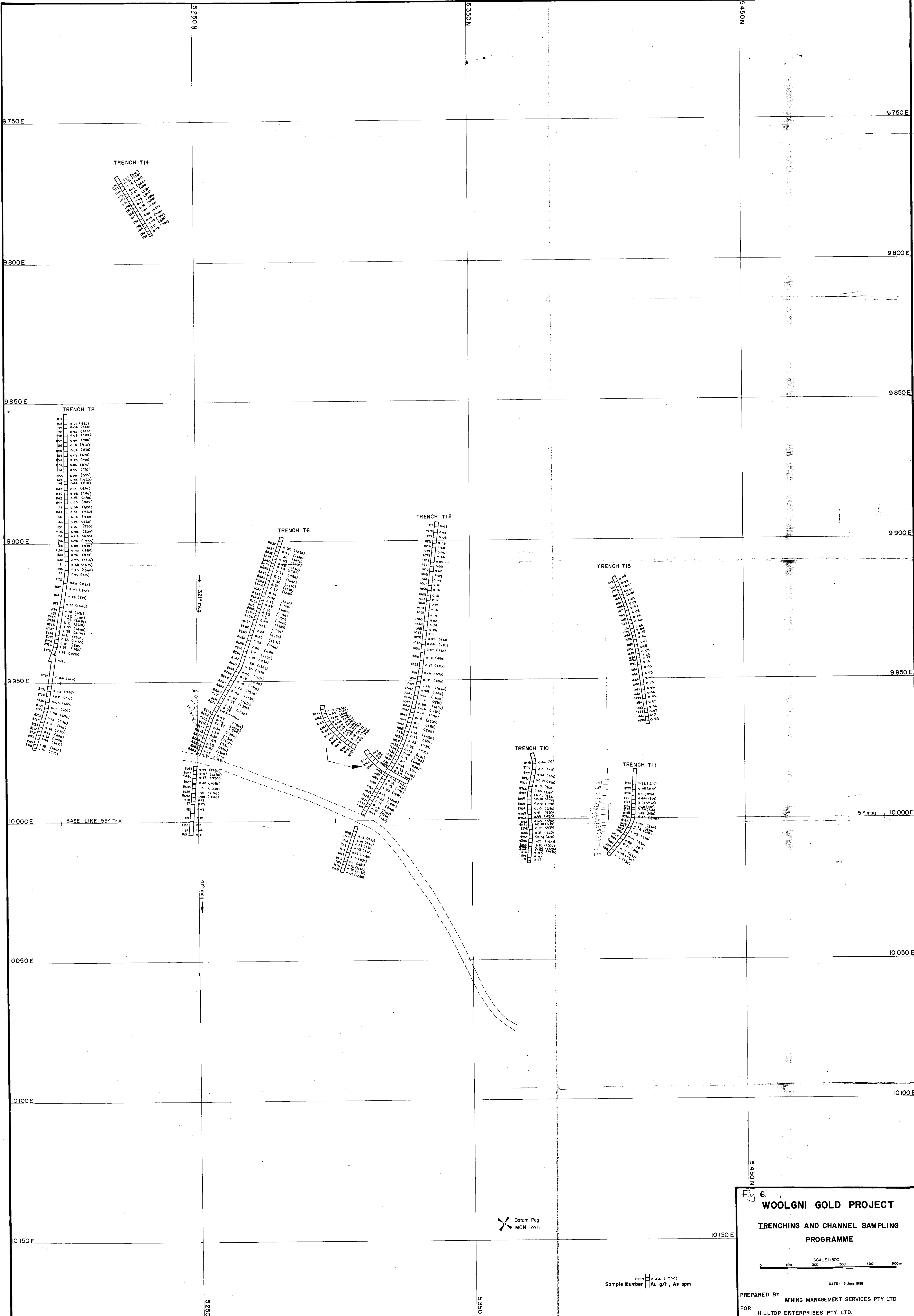
- LEGEND—
- △^a PLANE TABLE STATION
 - △² THEODOLITE STATION
 - △¹⁰ PLANE TABLE SURVEY POINT WITH HEIGHT IN METRES
 - SHAFT OR PIT
 - INCLINED SHAFT OR PIT
 - QUARTZ VEIN WITH DIP
 - STRIKE WITH ANGLE OF DIP OF BEDDING
 - DIAMOND DRILL HOLE LENGTH INCLINATION
 - DUMP
 - ROAD, VEHICLE TRACK
 - STOPPED ASSUMED EXTENT OF STOPE AT DEPTH

Fig. 4.A.
WOOLGINI GOLD PROJECT
PLANE TABLE SURVEY
OF GOLD WORKINGS

SCALE 1:500
0 100 200 300 400 500m

DATE 15 June 1988

PREPARED BY: MINING MANAGEMENT SERVICES PTY LTD.
FOR: HILLTOP ENTERPRISES PTY LTD.



TRENCH T14

1171	0.01 (620)
1172	0.01 (620)
1173	0.01 (620)
1174	0.01 (620)
1175	0.01 (620)
1176	0.01 (620)
1177	0.01 (620)
1178	0.01 (620)
1179	0.01 (620)
1180	0.01 (620)
1181	0.01 (620)
1182	0.01 (620)
1183	0.01 (620)
1184	0.01 (620)
1185	0.01 (620)
1186	0.01 (620)
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1189	0.01 (620)
1190	0.01 (620)
1191	0.01 (620)
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1198	0.01 (620)
1199	0.01 (620)
1200	0.01 (620)

TRENCH T8

1140	0.01 (620)
1141	0.01 (620)
1142	0.01 (620)
1143	0.01 (620)
1144	0.01 (620)
1145	0.01 (620)
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1166	0.01 (620)
1167	0.01 (620)
1168	0.01 (620)
1169	0.01 (620)
1170	0.01 (620)

TRENCH T6

8630	0.01 (620)
8631	0.01 (620)
8632	0.01 (620)
8633	0.01 (620)
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8637	0.01 (620)
8638	0.01 (620)
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8640	0.01 (620)
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8642	0.01 (620)
8643	0.01 (620)
8644	0.01 (620)
8645	0.01 (620)
8646	0.01 (620)
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8648	0.01 (620)
8649	0.01 (620)
8650	0.01 (620)
8651	0.01 (620)
8652	0.01 (620)
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8654	0.01 (620)
8655	0.01 (620)
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8657	0.01 (620)
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8666	0.01 (620)
8667	0.01 (620)
8668	0.01 (620)
8669	0.01 (620)
8670	0.01 (620)

TRENCH T12

1071	0.01 (620)
1072	0.01 (620)
1073	0.01 (620)
1074	0.01 (620)
1075	0.01 (620)
1076	0.01 (620)
1077	0.01 (620)
1078	0.01 (620)
1079	0.01 (620)
1080	0.01 (620)
1081	0.01 (620)
1082	0.01 (620)
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1088	0.01 (620)
1089	0.01 (620)
1090	0.01 (620)
1091	0.01 (620)
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1093	0.01 (620)
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1096	0.01 (620)
1097	0.01 (620)
1098	0.01 (620)
1099	0.01 (620)
1100	0.01 (620)

TRENCH T13

1001	0.01 (620)
1002	0.01 (620)
1003	0.01 (620)
1004	0.01 (620)
1005	0.01 (620)
1006	0.01 (620)
1007	0.01 (620)
1008	0.01 (620)
1009	0.01 (620)
1010	0.01 (620)
1011	0.01 (620)
1012	0.01 (620)
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1015	0.01 (620)
1016	0.01 (620)
1017	0.01 (620)
1018	0.01 (620)
1019	0.01 (620)
1020	0.01 (620)
1021	0.01 (620)
1022	0.01 (620)
1023	0.01 (620)
1024	0.01 (620)
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1026	0.01 (620)
1027	0.01 (620)
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1029	0.01 (620)
1030	0.01 (620)

TRENCH T10

8771	0.01 (620)
8772	0.01 (620)
8773	0.01 (620)
8774	0.01 (620)
8775	0.01 (620)
8776	0.01 (620)
8777	0.01 (620)
8778	0.01 (620)
8779	0.01 (620)
8780	0.01 (620)
8781	0.01 (620)
8782	0.01 (620)
8783	0.01 (620)
8784	0.01 (620)
8785	0.01 (620)
8786	0.01 (620)
8787	0.01 (620)
8788	0.01 (620)
8789	0.01 (620)
8790	0.01 (620)
8791	0.01 (620)
8792	0.01 (620)
8793	0.01 (620)
8794	0.01 (620)
8795	0.01 (620)
8796	0.01 (620)
8797	0.01 (620)
8798	0.01 (620)
8799	0.01 (620)
8800	0.01 (620)

TRENCH T11

8791	0.01 (620)
8792	0.01 (620)
8793	0.01 (620)
8794	0.01 (620)
8795	0.01 (620)
8796	0.01 (620)
8797	0.01 (620)
8798	0.01 (620)
8799	0.01 (620)
8800	0.01 (620)
8801	0.01 (620)
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8804	0.01 (620)
8805	0.01 (620)
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8808	0.01 (620)
8809	0.01 (620)
8810	0.01 (620)
8811	0.01 (620)
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8816	0.01 (620)
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8818	0.01 (620)
8819	0.01 (620)
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Datum Peg
MCN 1745

Sample Number | Au g/l, As ppm

6. WOOLGINI GOLD PROJECT
TRENCHING AND CHANNEL SAMPLING
PROGRAMME

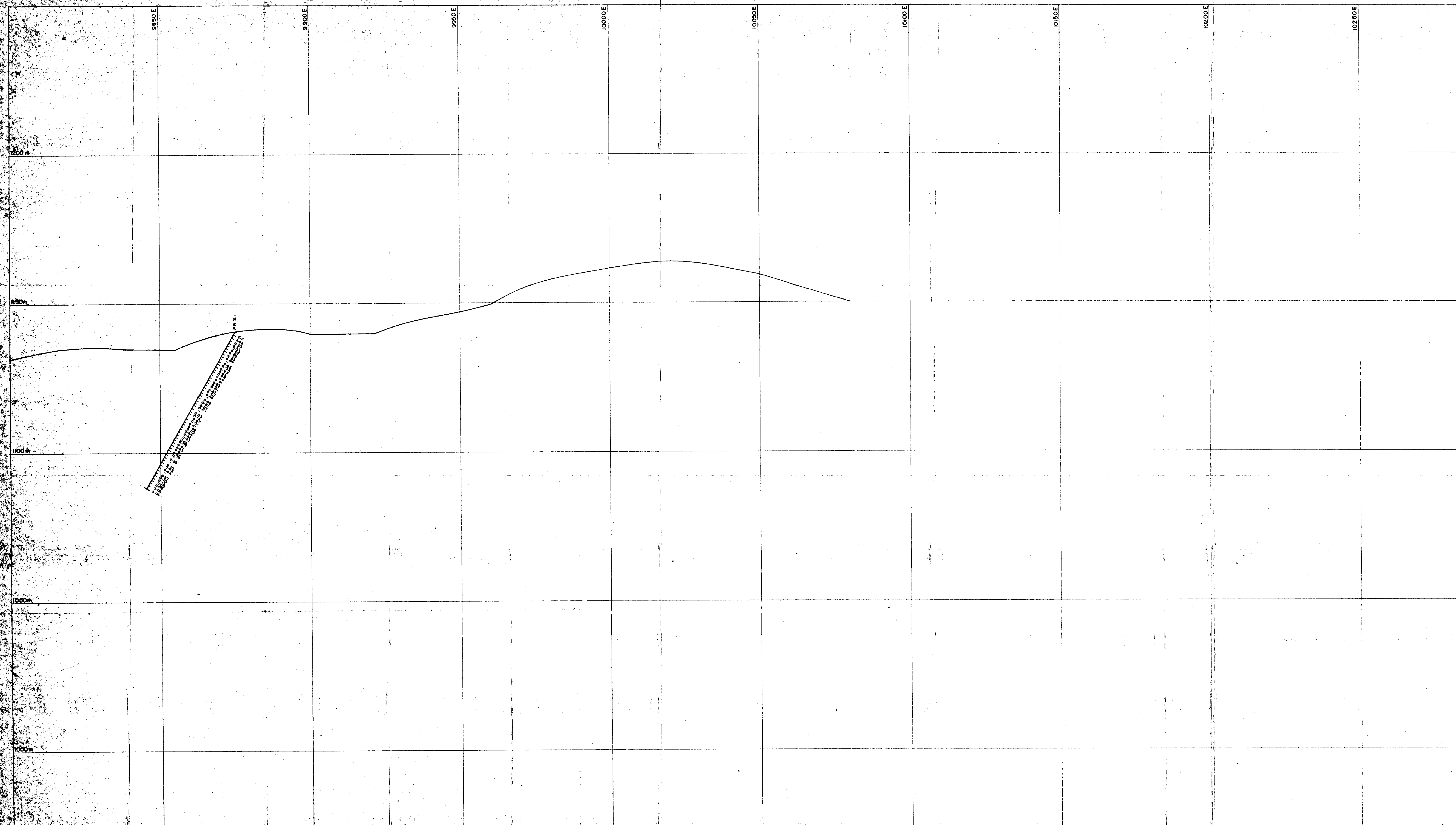
SCALE 1:500
0 100 200 300 400 500

DATE: 15 June 1988
PREPARED BY: MINING MANAGEMENT SERVICES PTY LTD.
FOR: HILLTOP ENTERPRISES PTY LTD.

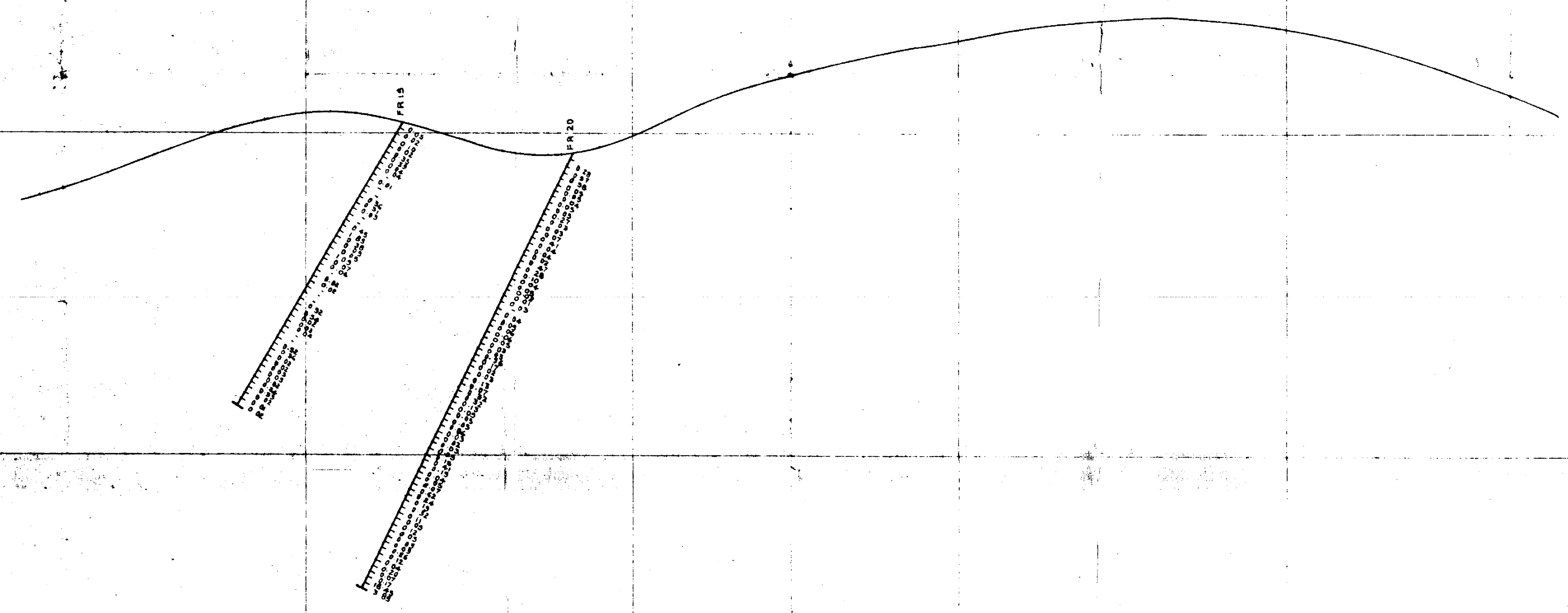
OPEN FILE

ANNUAL REPORT
WOOLGHNI GOLDFIELD
MCN'S 1737 - 1755
FIGURES 7 - 19

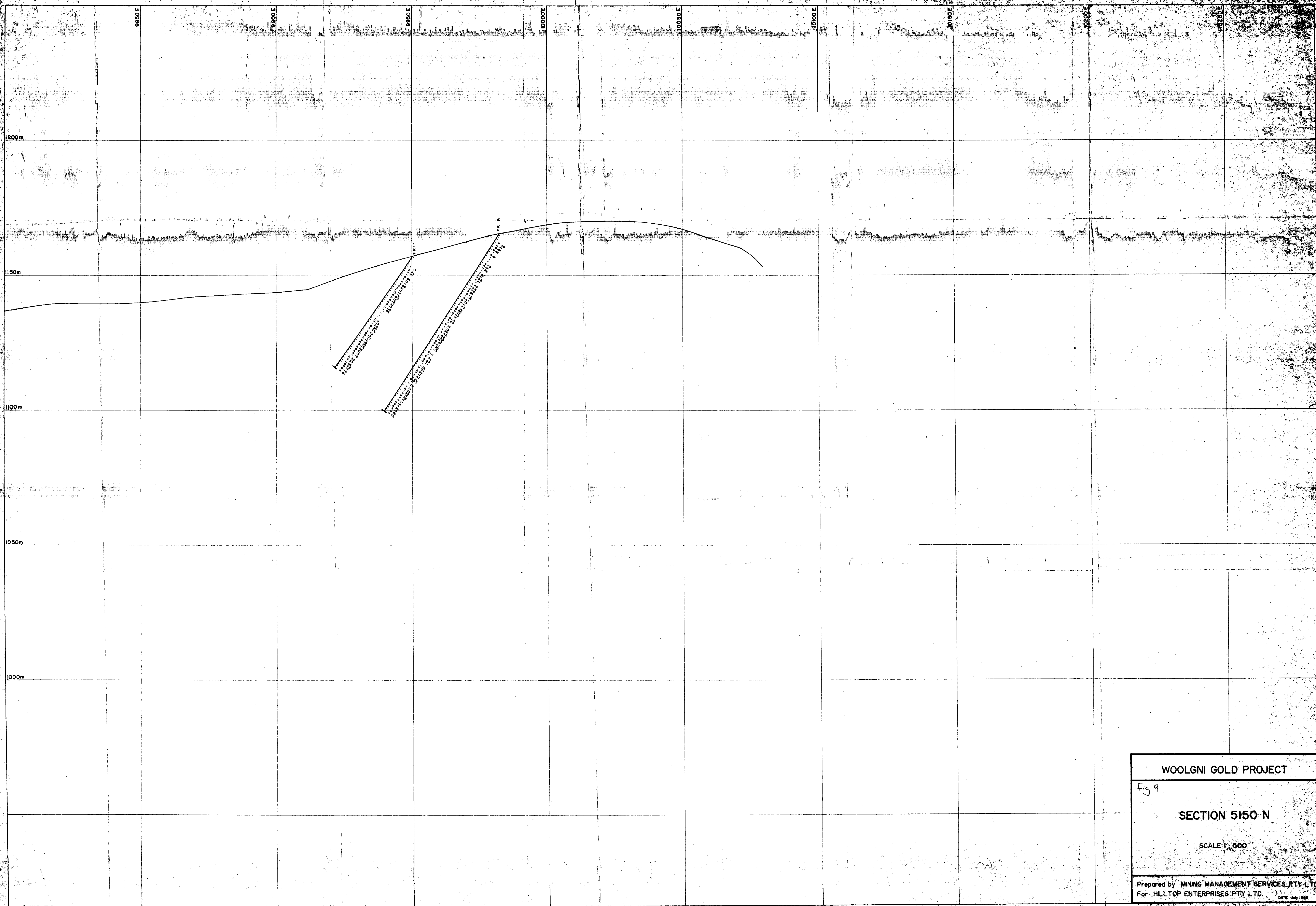
5050E



WOOLGNI GOLD PROJECT	
Fig 7	
SECTION 5050 N	
SCALE 1 : 500	
Prepared by MINING MANAGEMENT SERVICES PTY LTD. For HILLTOP ENTERPRISES PTY LTD.	
DATE July 1998	



WOOLGNI GOLD PROJECT
Fig 8.
SECTION 5100 N
SCALE 1 : 500
Prepared by MINING MANAGEMENT SERVICES PTY LTD. For HILLTOP ENTERPRISES PTY LTD. DATE September, 1989



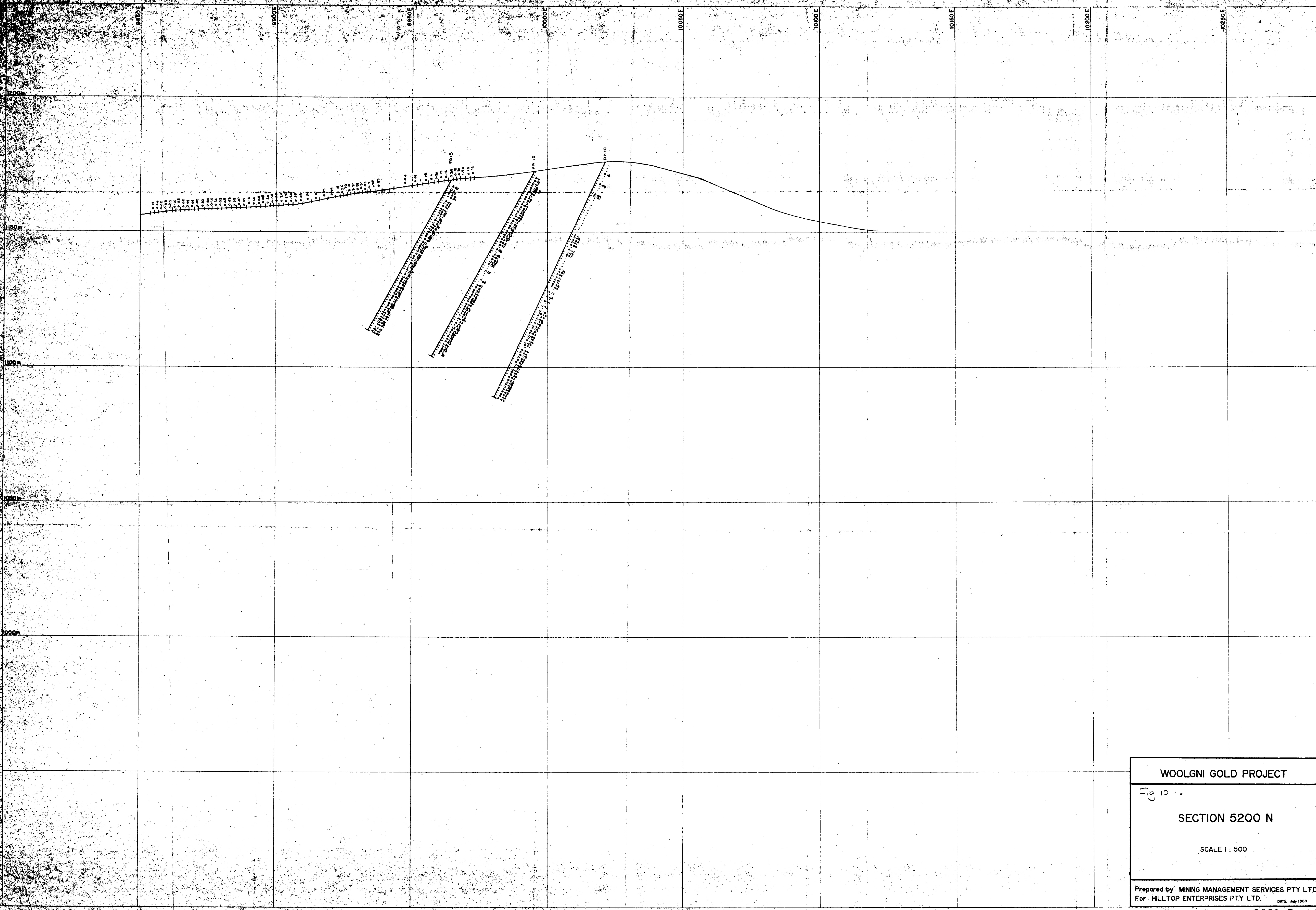
WOOLGNI GOLD PROJECT

Fig 9

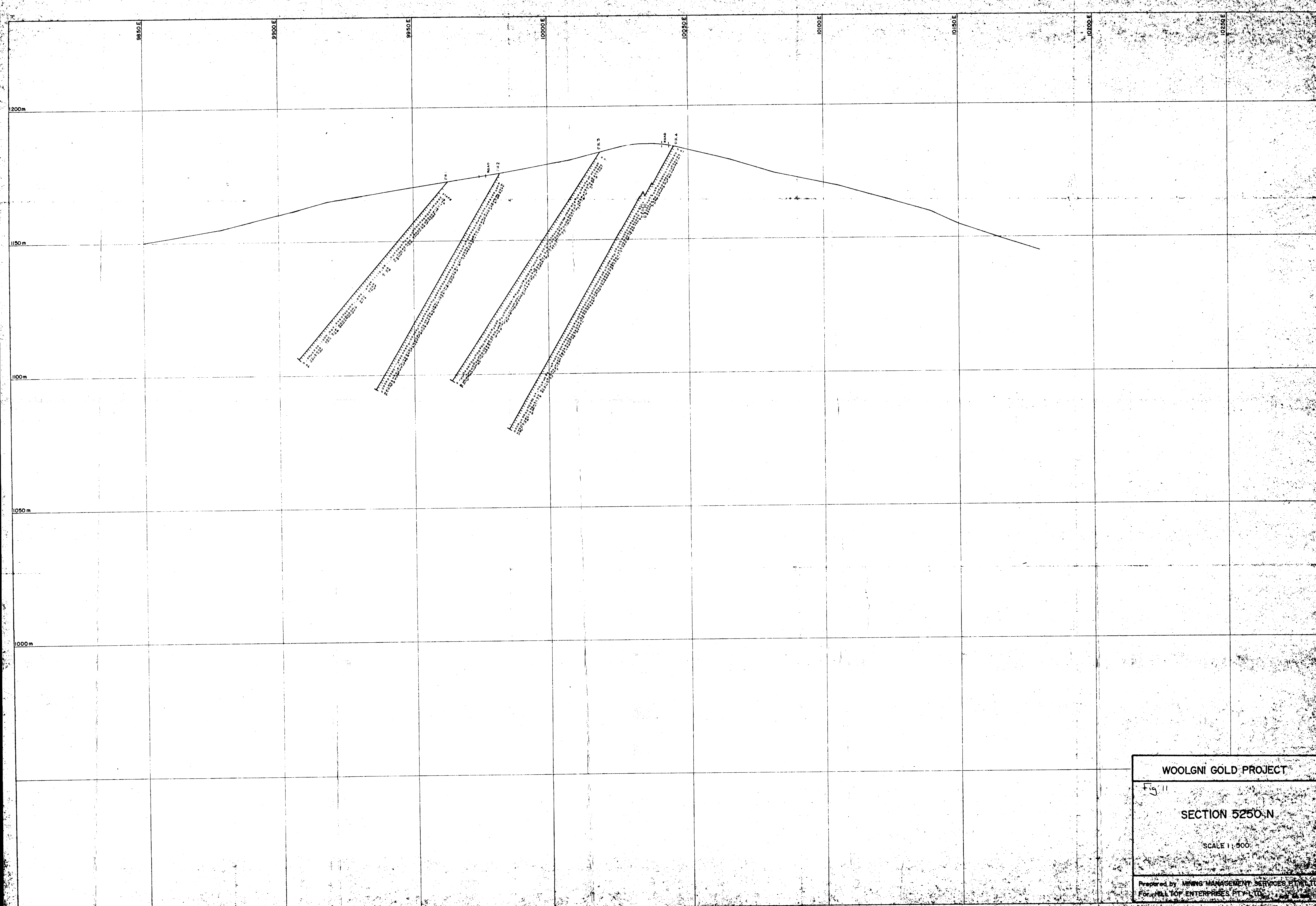
SECTION 5150-N

SCALE 1:500

Prepared by MINING MANAGEMENT SERVICES PTY LTD.
For HILLTOP ENTERPRISES PTY LTD. DATE July 1988

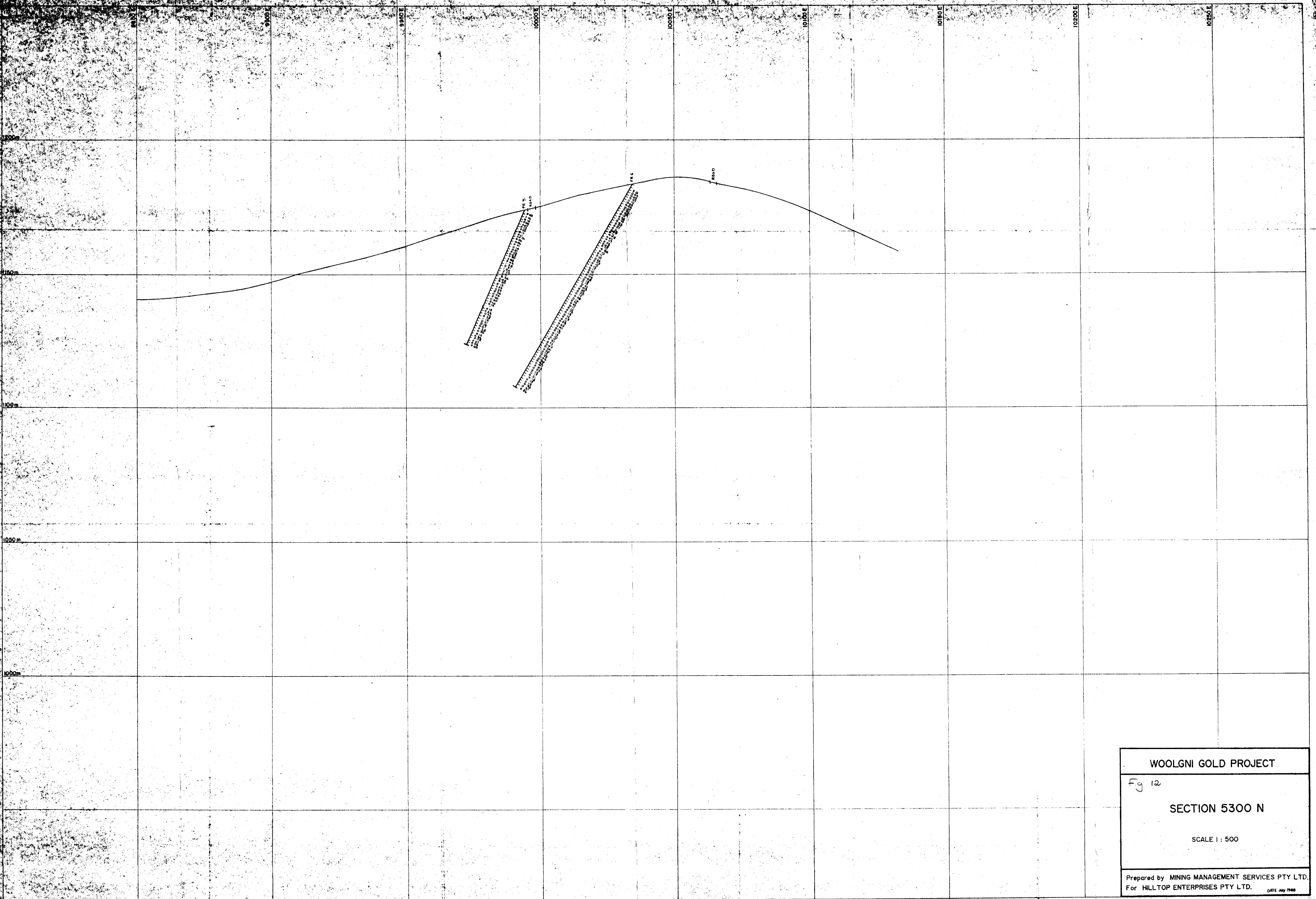


WOOLGNI GOLD PROJECT	
Fig 10 -	
SECTION 5200 N	
SCALE 1 : 500	
Prepared by: MINING MANAGEMENT SERVICES PTY LTD. For: HILLTOP ENTERPRISES PTY LTD. DATE: July 1988	



WOOLGINI GOLD PROJECT
Fig 11
SECTION 5250-N
SCALE 1:500
Prepared by: MINING MANAGEMENT SERVICES PTY LTD For: HILLTOP ENTERPRISES PTY LTD

C2857-20



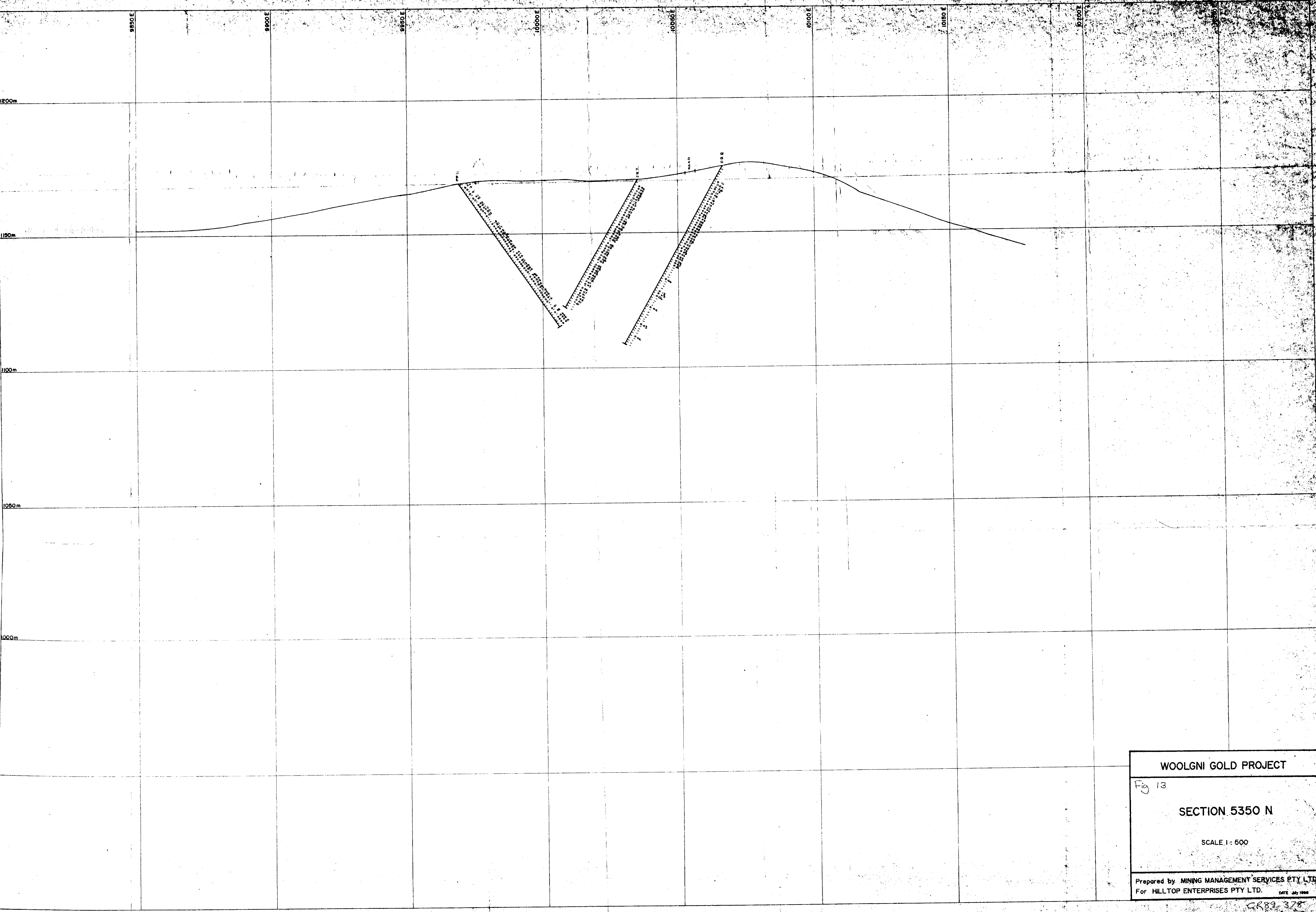
WOOLGNI GOLD PROJECT

Fg 12

SECTION 5300 N

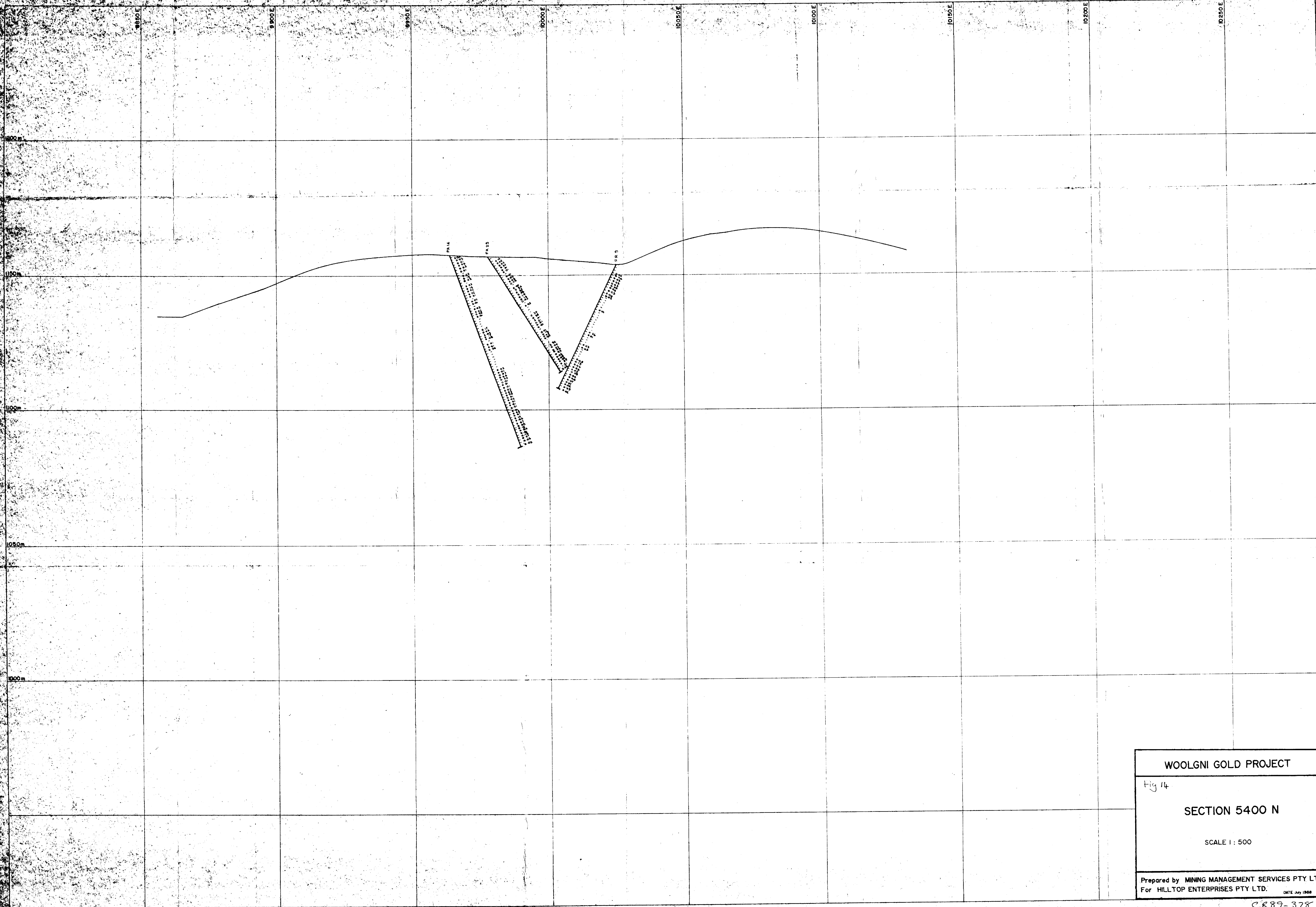
SCALE 1 : 500

Prepared by MINING MANAGEMENT SERVICES PTY LTD.
For HILLTOP ENTERPRISES PTY LTD. DATE July 1988

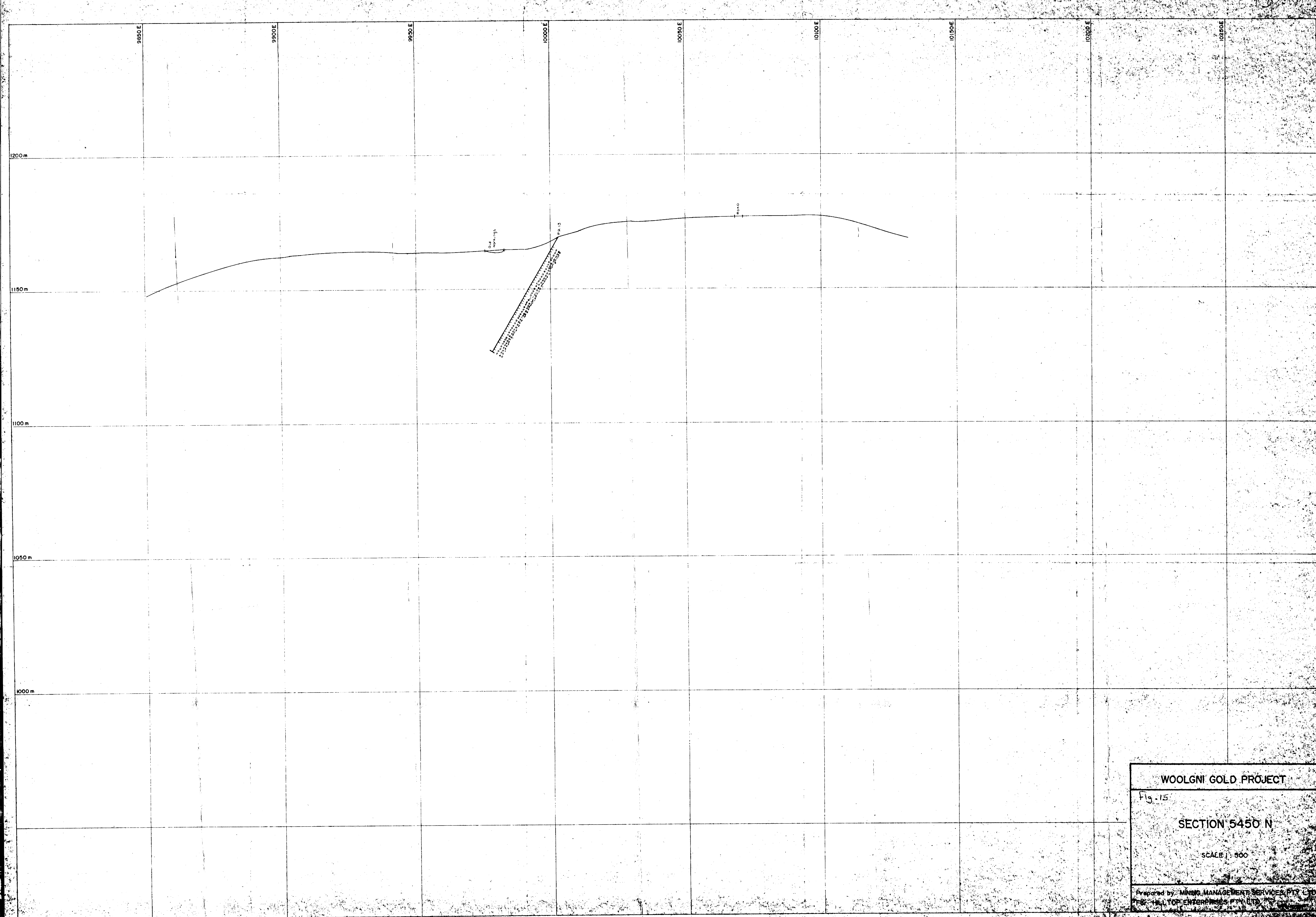


WOOLGNI GOLD PROJECT	
Fig 13	
SECTION 5350 N	
SCALE 1 : 500	
Prepared by MINING MANAGEMENT SERVICES PTY LTD	
For HILLTOP ENTERPRISES PTY LTD. DATE 20/10/99	

CR89-378



WOOLGNI GOLD PROJECT
Fig 14
SECTION 5400 N
SCALE 1 : 500
Prepared by MINING MANAGEMENT SERVICES PTY LTD. For HILLTOP ENTERPRISES PTY LTD. DATE July 1988



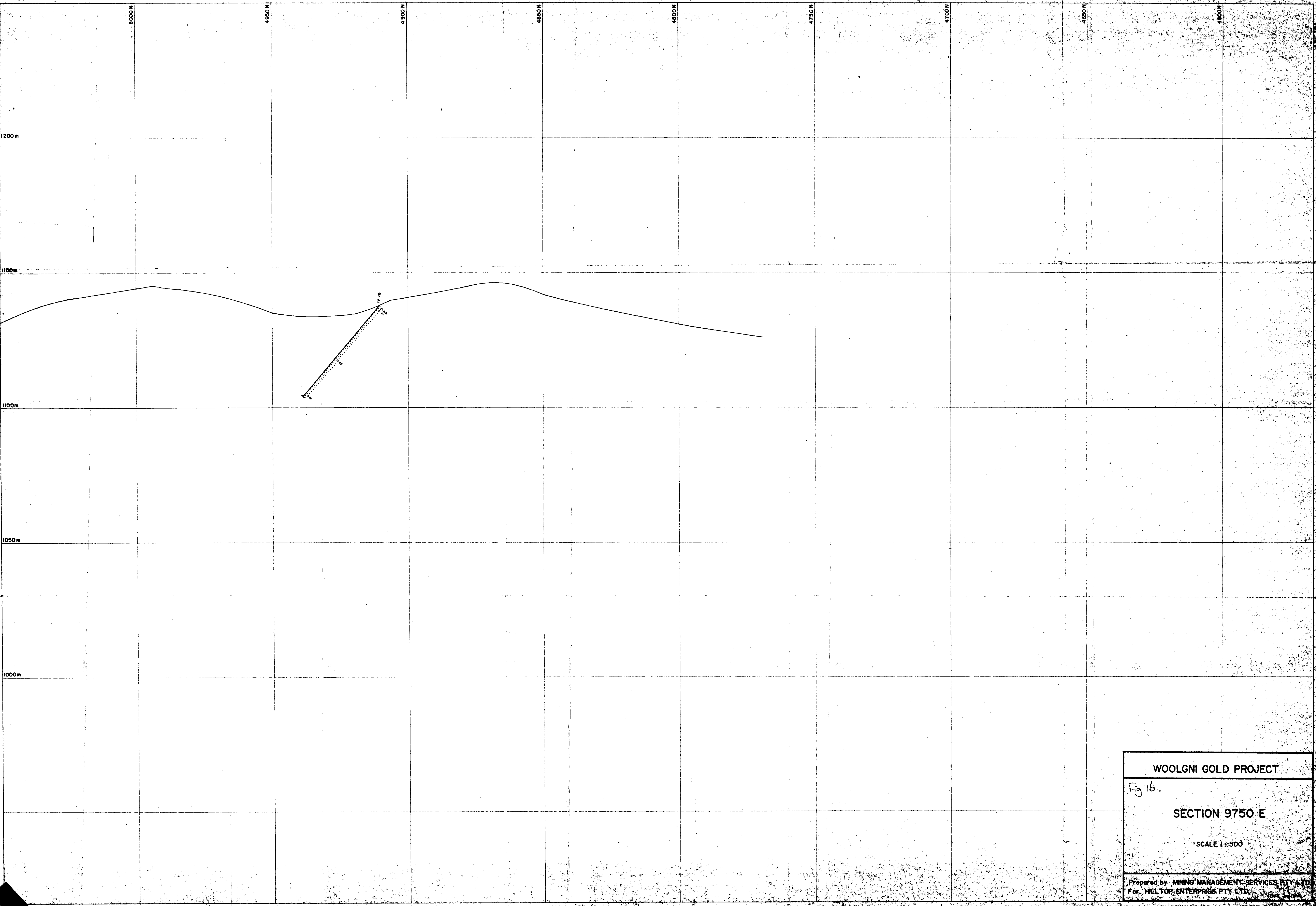
WOOLGNI GOLD PROJECT

Fig. 15

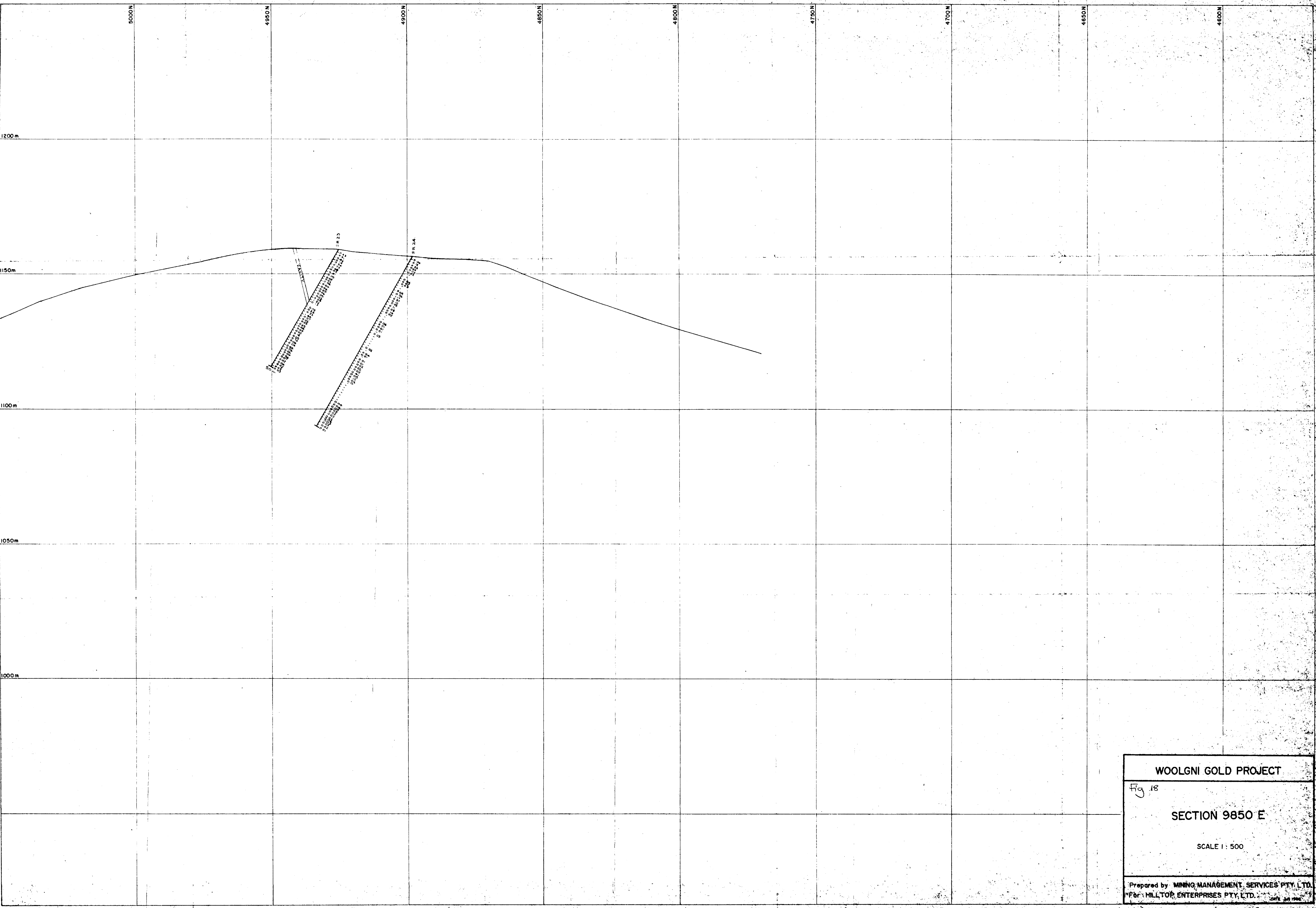
SECTION 5450 N

SCALE 1:500

Prepared by: MINING MANAGEMENT SERVICES PTY LTD
For: HILL TOP ENTERPRISES PTY LTD

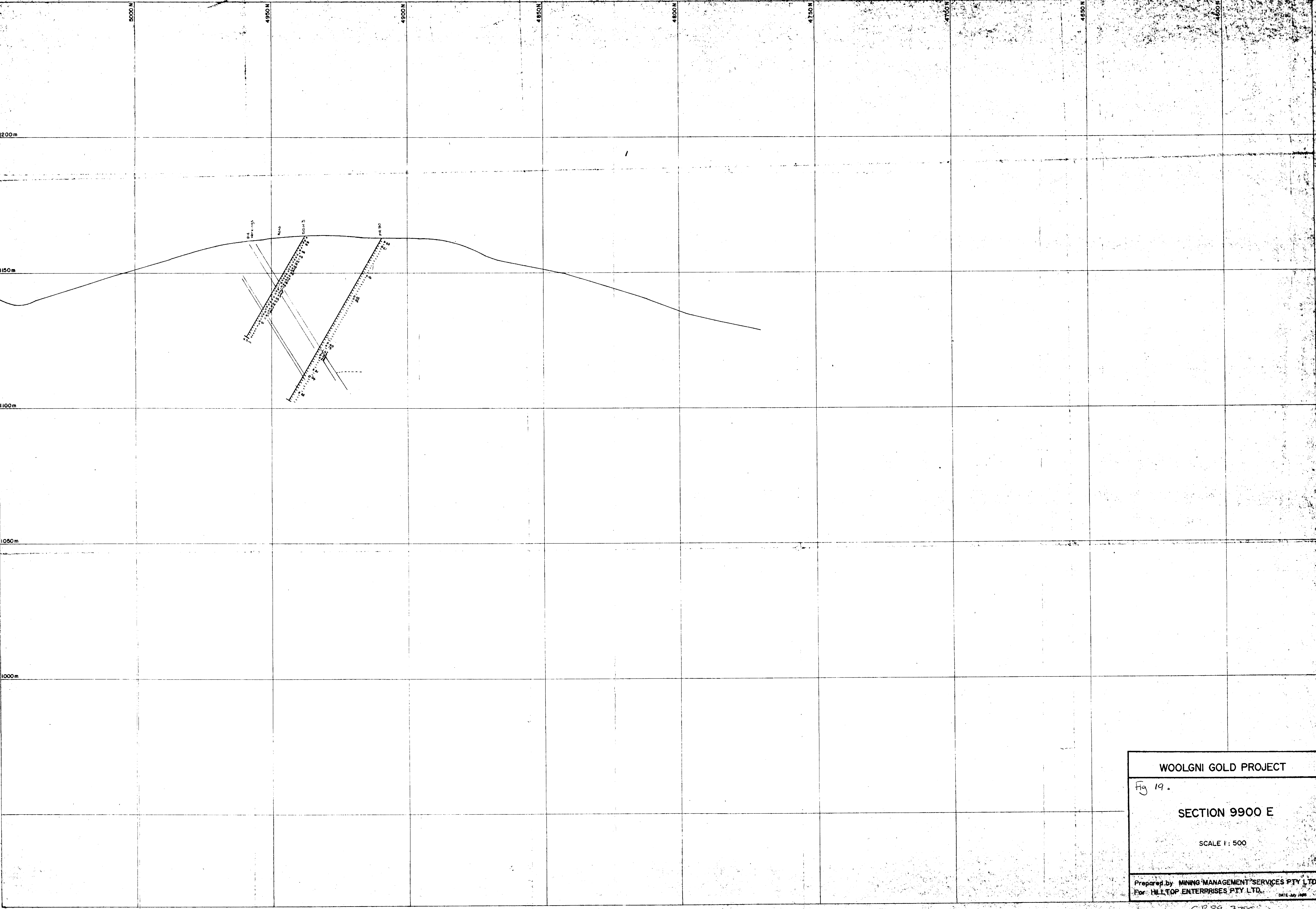


WOOLGNI GOLD PROJECT
Fig 16.
SECTION 9750 E
SCALE 1:500
Prepared by MINING MANAGEMENT SERVICES PTY LTD For HILLTOP ENTERPRISE PTY LTD



WOOLGNI GOLD PROJECT	
Fig 18	SECTION 9850 E
SCALE 1 : 500	
Prepared by MINING MANAGEMENT SERVICES PTY. LTD. For HILLTOP ENTERPRISES PTY. LTD.	

6.889 - 378



WOOLGNI GOLD PROJECT	
Fig 19.	
SECTION 9900 E	
SCALE 1 : 500	
Prepared by MINING MANAGEMENT SERVICES PTY LTD. For HILL TOP ENTERPRISES PTY LTD.	
DATE: July 1998	

CR 89-378