APPLICATION FOR RENEWAL OF MINERAL CLAIM N 1737 to 1755 inclusive

1 Particulars of the Applicants

ZAPOPAN NL
Miners Right No: 4603
Level 1, 48 Woods Street
DARWIN N.T. 0800

Shareholding: 50 per cent

HILLTOP ENTERPRISES Pty Ltd
Miners Right No: 6247
61 Smith Street
Darwin NT 0800

Shareholding: 50 per cent

Telephone Contact
Zapopan NL
Mr Ross McColl
089-411263

Hilltop Enterprises Pty Ltd
Mr Jon Starink
06-2381044

2 Description of the Tenements

The Mineral Claims which are the subject of this Application are as set out in Attachment 1 and as illustrated on the attached map.

Individual tenement boundary markers have been surveyed and rehabilitated where necessary. Attachment 3 provides appropriate photographic evidence.

3 Tenure & Ownership History

The area encompassed by the subject Tenements were formerly a part of Exploration Licences 3199 and 3200.

Applications for the Exploration Licences were lodged on 29 June 1981 and ultimately granted to Zapopan NL (Zapopan) for 6 years on 23 February 1987.

The Licences became the subject of a farm-in/ joint venture agreement between Zapopan and Seventh State Mines NL (SSM) in 1987.

Applications for Mineral Claims N 1737 to 1755 inclusive were made on 7 September 1987 and granted to Zapopan on 29 March 1988,for a period of 5 years.

Hilltop Enterprises Pty Ltd (Hilltop) acquired SSM's interest in the joint venture agreement on 15 March 1988 , and became the registered owner of a 50 per cent interest in Mineral Claims N 1737 to 1755 as well as the remaining portions of Exploration Licences 3199 and 3200 , upon completion of the relevant terms and conditions of the farm-in/ joint venture agreement.

The joint venture partners subsequently applied for and were granted Mineral Claims N 3969 to 3977 inclusive, Mineral Claims 3822,3823,3827 and 3831.The partners are presently applicants for Mineral Lease N 1077.In conjunction with the subject Claims, these comprise the WOOLGNI Project area and in totality represent portions of the former Exploration licences 3199 and 3200.

4 Brief Review of Exploration Conducted.

Exploration of the subject tenements was conducted in the context of an integrated exploration program conducted over the entire area of interest comprised of the area previously encompassed by Exploration licences 3199 and 3200.

The subject tenements encompass the historic Woolgni Goldfield,discovered in 1897 and actively mined until 1901.The major focus of exploration specifically conducted on the subject tenements has been

- the two mineralised zones, each 450 to 500 meters long,identified from the old workings, and
- a significant arsenic geochem anomaly discovered on the Northern group of tenements.

This exploration activity has been comprised of two programs to date.

The first program,conducted in calender 1987, was comprised of:

- preliminary mapping,
- repair of existing access roads,
- an orientation diamond drilling program of 5 holes (totalling 263 meters),conducted in the vicinity of the historic workings, and
- a soil & rock chip geochem program, conducted on the tenements located north of the Fergusson River.

All holes drilled intersected gold mineralisation and 2 holes intersected potential ore grade gold mineralisation.The geochem program identified a zone returning anomalous arsenic assays.

The second program,conducted in calender 1988 in the area of the historic workings and adjacent areas, was comprised of:

- plane table mapping of workings and open stopes,

- preliminary geological mapping and establishment of a survey grid,
- phase 1 costeaning,
- infill and follow-up costeaning, and
- a RC drilling program of 26 holes,conducted on lines spaced at 50 metres and totalling 1791 meters.

In addition the second program comprised a follow-up soil and rock geochem survey in the vicinity of the zone of anomalous arsenic values previously identified.

The costeaning program, in the form of 17 costeans cut at approximately 50 meter spacings perpendicular to the strike of the old workings and totalling 1050 meters encountered 128 meters of gold mineralisation (at 0.5 gpt Au cut-off).

The drilling program encountered a total of 152 meters of gold mineralisation in 21 holes (at a 0.5 gpt Au cut-off).

Following completion of these initial programs on the subject tenements, the immediate focus of exploration in the project area was investigation of the "Tower" prospect,located to the south west of the subject tenements but within the Woolgni project area.

Exploration activity on the subject tenements has been reported in the following documents, and the reader is directed to those documents for further information.

- Annual Report MCN 1737-1755,Woolgni Goldfield, Mining Management Services Pty Ltd May 1989, (Attachment 2)
- Report on Exploration Licences 3199 and 3200,Woolgni Gold Mine,Seventh State Mines NL July 1987,
- Report on Exploration Licences 3199 and 3200 for period ending February 1988, Mining Management Services Pty Ltd March 1988,
- Annual report Fergusson River EL 3199 and 3200,Mining Management Services February 1989,
- Woolgni Project Report,Mining Management Services Pty Ltd 1990.

5 Particulars of Exploration Proposals and Expenditure Estimates

The subject tenements form part of a group of Mineral Claims and a Mineral Lease (application) which in totality comprise the Woolgni Project area.The subject tenements encompass the historic Woolgni Goldfield.

Woolgni Prospect

The Woolgni Prospect is a significantly mineralised gold system and is worthy of further evaluation, however, the system is likely to be complex and require a very through evaluation before further drilling is contemplated.

(i) **Ground Magnetic Survey**

A ground magnetic survey, with lines at 50m and stations at 10m intervals should be carried out over the Woolgni and Tower Prospect areas. The object of this work will be to delineate any trends or disruptions in the magnetic field that may be related to individual lithological units or major structural features.

(ii) **Bedrock Geochemistry**

After an Orientation Programme to determine optimum screening sizes for geochemical samples a soil sampling programme over the main mineralised areas is recommended with samples collected on a 50 x 25m sample interval in areas of outcrop or sub-outcrop. Samples should be assayed for Au, As, Zn and Pb. The object of this work will be to determine whether there are any extensions to the known mineralised zones or any localised areas of more intense mineralisation within the known mineralised zones.

(iii) **Structural Mapping**

The Woolgni Prospect needs to be geologically mapped at 1:500 scale with particular emphasis on the structural features likely to have an effect on the localisation of the gold mineralised zones. Attention needs to be given to the location at depth of the granites south of the prospect. It may be necessary to carry out a gravity survey to resolve this matter.

(iv) **Data Collation**

The exploration and drill results of the past need to be evaluated with the new data collected in the work programme outlined above. This evaluation stage will determine whether there are legitimate exploration targets on this prospect and whether further Reverse Circulation drilling is justified.

Estimated Costs

PHASE 1.

Re-establish Grid	2,500
Ground Magnetic Survey	6,000
Geochemical Survey	10,000
Geological Mapping	6,000
Evaluation Phase	6,000
Total	30,500

PHASE 2.

Parameters

1,000m of Reverse Circulation Drilling	25,000
Assays	15,000
Geological	8,000
Sub Total	48,000
Salaries and Wages	20,000
Vehicles and Operations	20,000
Total	98,000

6 Financial Resources to Fund Proposals

Zapopan and Hilltop will fund all exploration from their respective internal resources.

7 Technical Expertise and Technical Advise available

Mining Management Services Pty Ltd (MMS), consultants, will plan,conduct and report on all technical aspects of the exploration.As and when required, the technical resources of MMS may be supplemented by the substantial technical resources of Zapopan and Hilltop.

8 Environmental Considerations

Prior to the commencement of exploration activity by the present owners, the area had been the subject of historic mining the extensive workings of which remain in evidence. The area was well accessed by vehicular tracks and as the area is in close proximity to the Stuart Highway and straddles the Fergusson River, it is clear that the area is regularly visited by travellers.

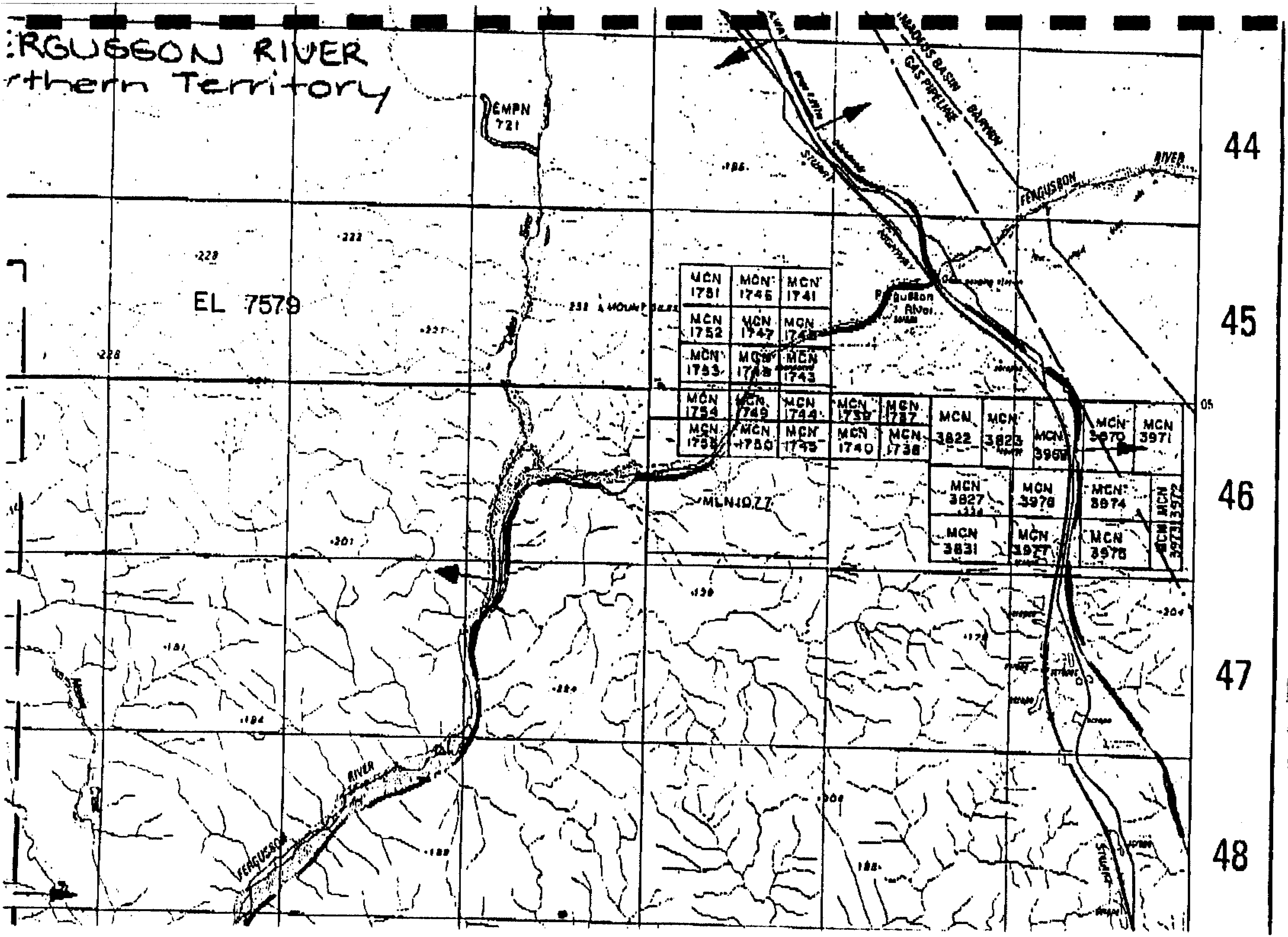
Exploration activity by the Venture Partners entailed disturbance in the course of the costeaning programs conducted and in the preparation of drill pads and corresponding access roads.All costeans excavated on the tenements were rehabilitated immediately following completion of the relevant program.The venture partners have requested that access roads and drill pads prepared in conjunction with the drilling program be retained, pending further drilling activity so that any future disturbance associated with further drilling will be minimised.

The first phase of the proposed exploration program does not entail any disturbance to the environment.It is anticipated that the second phase of the proposed program will be substantially confined to the area historically disturbed and that no further disturbance is, at this time ,anticipated.

Signature of Applicants

MINING TENEMENT MANAGER
ZAPOPAN N.L.
21/12/92

12/12/92



RGUSSON RIVER
rthern Territory
EMPN 721
EL 7579
MCN 1751
MCN 1746
MCN 1741
MCN 1752
MCN 1747
MCN 1742
MCN 1753
MCN 1748
MCN 1743
MCN 1754
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MCN 3827
MCN 3978
MCN 3974
MCN 3972
MCN 3831
MCN 3977
MCN 3975
MCN 3973
MCN 1077
GAS PIPELINE
FERGUSSON
RIVER
FERGUSSON
RIVER
44
45
46
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48

ANNUAL REPORT

MCN'S 1737-1755

WOOLGNI GOLDFIELD

PREPARED BY:

MINING MANAGEMENT
SERVICES PTY LTD

MAY 1989

CONTENTS

FIGURES:

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 Woolgni 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 Woolgni Prospect and Tower Hill (Figure 2).

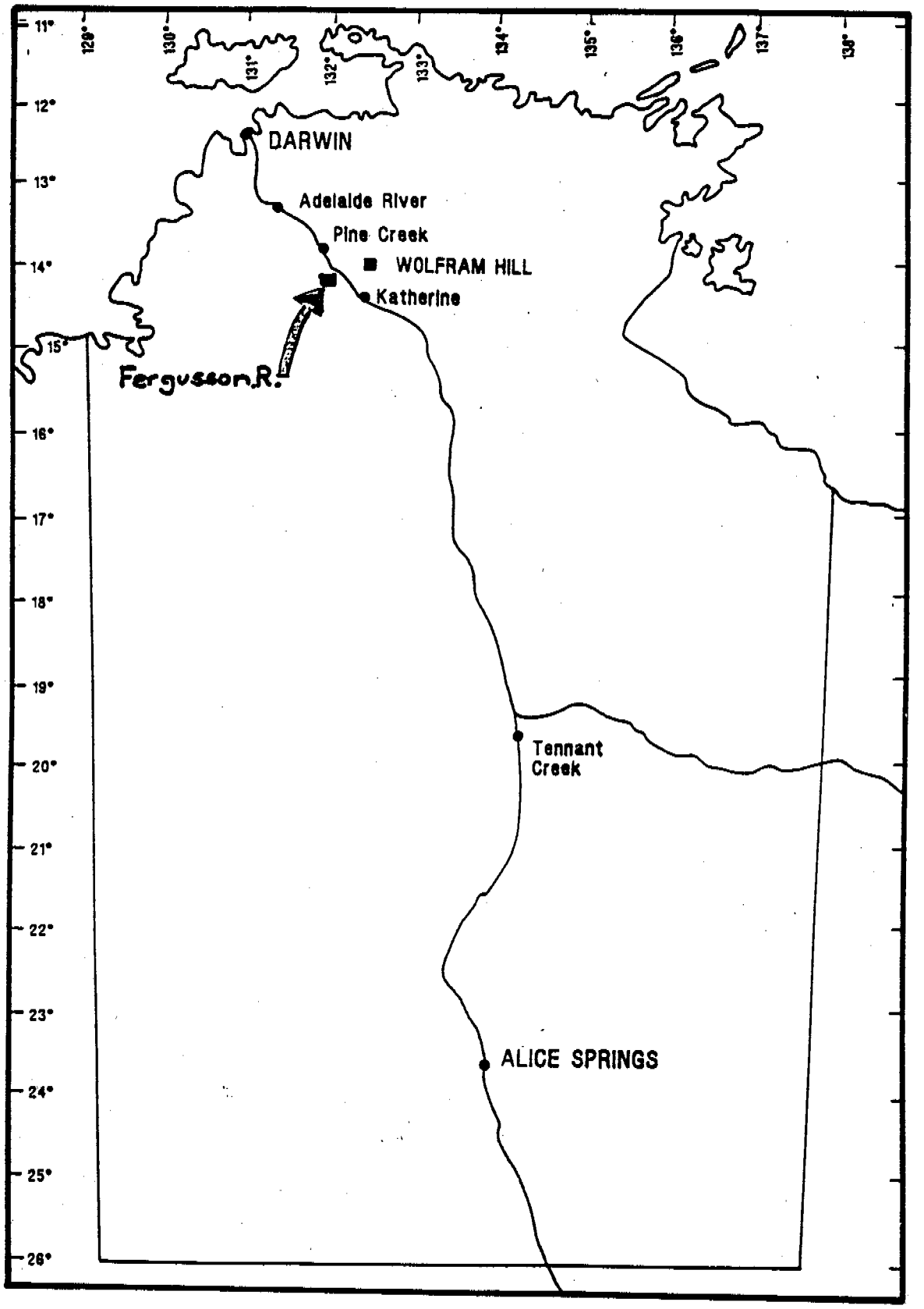
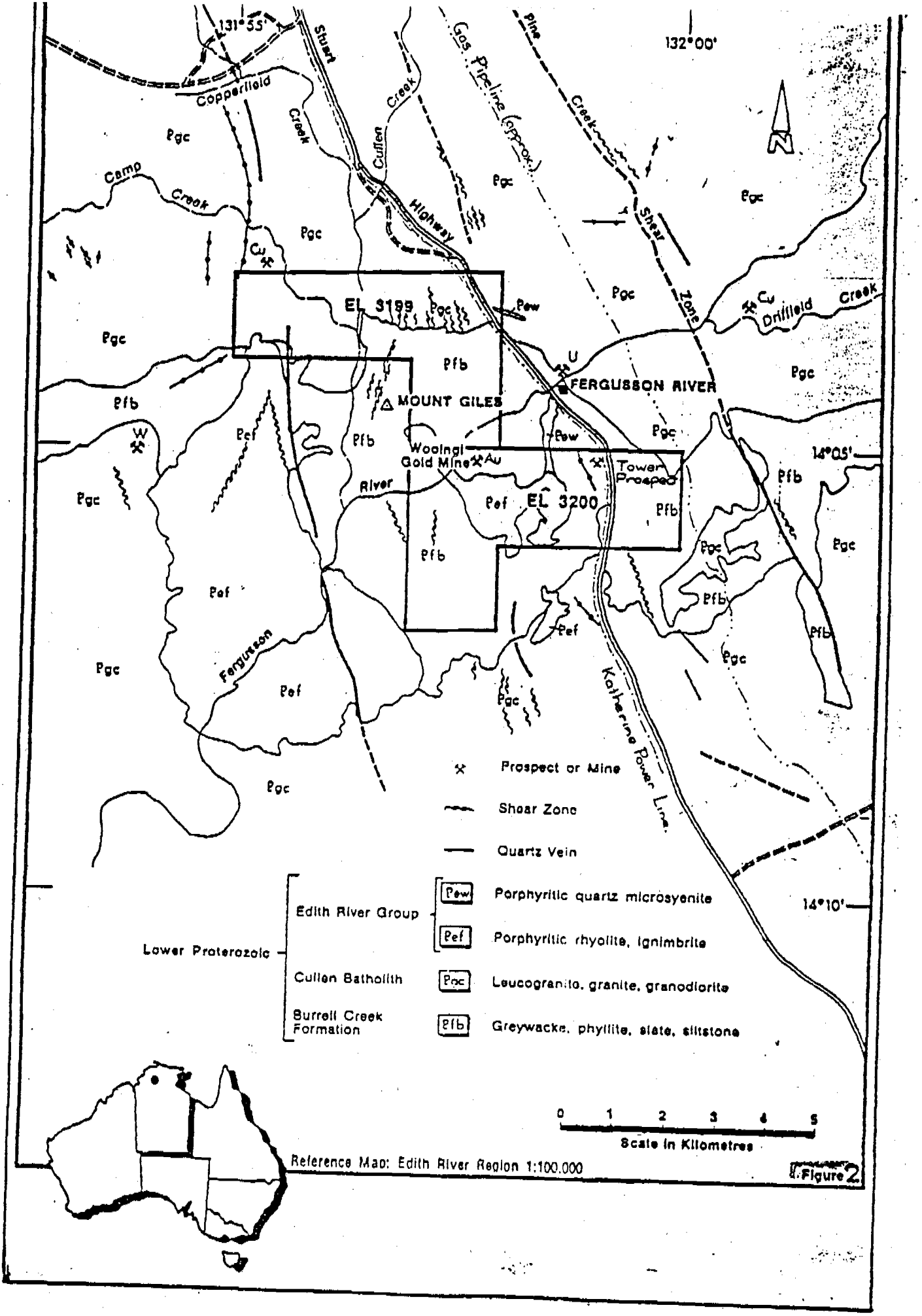


Figure 1

LOCALITY MAP

Scale Approx. 1 : 8,000,000


131°55'
132°00'
Stuart
Copperfield
Creek
Cullen
Creek
Gas Pipeline (approx.)
Pine
Creek
Camp
Creek
Highway
Shear
Zone
Cu
Driffield
Creek
EL 3199
Pew
Pgc
Pfb
U
FERGUSSON RIVER
MOUNT GILES
W
Pef
Woolngi
Gold Mine
Au
Tower
Prospect
River
EL 3200
14°05'
Ferguson
Katherine Power Line
14°10'
Prospect or Mine
Shear Zone
Quartz Vein
Lower Proterozoic
Edith River Group
Pew
Porphyritic quartz microsyenite
Pef
Porphyritic rhyolite, ignimbrite
Cullen Batholith
Pgc
Leucogranite, granite, granodiorite
Burrell Creek Formation
Pfb
Greywacke, phyllite, slate, siltstone
0 1 2 3 4 5
Scale in Kilometres
Reference Map: Edith River Region 1:100,000
Figure 2

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 fossicers. 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 lenzes. Tuffs have been identified in the Burrell Creek Formation.

Within the Fergusson River Area, the Burrell Creek Formation forms a 60km^2 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.

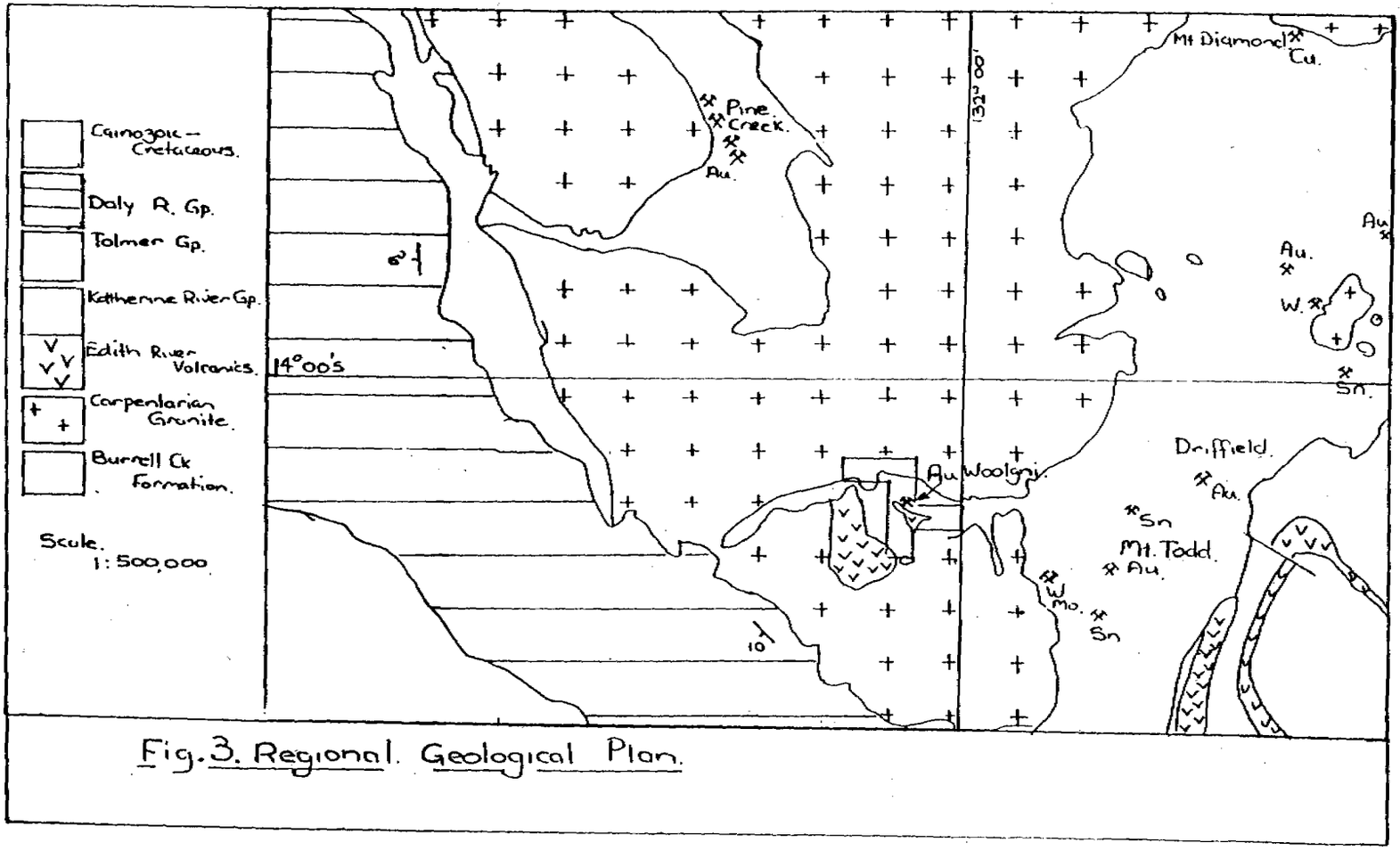


Fig. 3. Regional Geological Plan.

The Cullen Granite is Early Carpentarian and forms a 2,800km^2 batholith in the centre of the Pine Creek Geosycline. 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 ali 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 3.7sqr 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.

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

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

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

Arsenic 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.

Gold 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 exceding

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-fledspar 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 co-incidental 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^{0} 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 retreived 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) Au g/t	AAL AVE (B) 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 N.	E.	DIRECTION: TRUE	DECL'N.	DEPTH M.	ELEVATION: APPROX. M.	MINERALIZED Au INTER: FROM M.	TO M.	WIDTH M.	AVE. gms/t
F.R. 1.	5250	9963	321	50	86		11	12	1	0
							68	69	1	0
							81	82	1	2
F.R. 2.	5250	9982	321	60	92		18	19	1	3
							24	26	2	0
							44	46	2	0
							67	71	4	0
							80	82	2	1
							90	91	1	0
F.R. 3.	5250	10019	321	57	100		9	10	1	0
							16	17	1	0
							25	26	1	7
							48	50	2	1
							60	62	2	3
							81	83	2	0
							87	88	1	0
							95	100	5	1
F.R.4.	5250	10043	321	61	121		84	87	3	1
							90	95	5	1
							98	99	1	3
							115	117	2	0
F.R.5	5300	9994	321	67	54		2	3	1	1
							15	16	1	0
							18	27	9	1
							42	43	1	1
							47	48	1	0
F.R. 6.	5300	10035	321	60	87		10	11	1	0
							26	27	1	4
							66	67	1	0
							73	76	3	0
							86	87	1	0
F.R. 7.	5350	10035	321	60	54		-	-	-	-
F.R. 8	5350	10066	321	60	75		-	-	-	-
F.R. 9.	5449	10025	321	65	50		-	-	-	-

SUMMARY OF REVERSE CIRCULATION DRILLING RESULTS
FERGUSSON RIVER PROJECT

A. ZONE A. (cutoff grade 0.5.g/t Au.) PAGE.2.

F.R. 10	5197	10021	321	65	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
F.R. 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	0.83
F.R.15	5201	9965	321	60	63	13	15	2	1.55
						20	21	1	4.75
						32	38	6	1.33
F.R. 16	5199	9995	321	60	78	28	29	1	0.9
						51	52	1	0.5
						57	68	11	3.9
						71	72	1	1.0
						74	76	2	2.7
F.R. 17	5150	9950	321	55	50	28	30	2	0.8
						44	46	2	0.8
F.R 18	5150	9982	321	57	78	27	28	1	0.1
						39	45	6	0.8
						57	59	2	1.1
						64	68	4	1.1
						74	78	4	1.1
F.R.19	5100	9915	321	60	50	17	19	2	1.
						22	23	1	1.
						31	33	2	0.
						38	39	1	0.

SUMMARY OF REVERSE CIRCULATION DRILLING RESULTS
FERGUSSON 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.
							33	34	1	0.
							55	57	2	1.
							72	74	2	11.
F.R.21	5050	9875	321	60	60		4	5	1	3.
F.R.29.	5400	9878	141	58	50		16	17	1	0.
							27	29	2	3.
							39	40	1	2.
							48	49	1	1.

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

F.R.23.	4925	9849	51	60	50		20	21	1	1.
							21	23.3	2.3	STOPE
							23.3	24	0.7	0.
							25	27	1	1.
F.R.24.	4898	9849	51	60	72		15	16	1	1.
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.

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 Woolgni 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 betwen 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 45^0 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 60^0 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 spordic 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^{0}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 60^0S. 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 45^0S. 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 55^0S, 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	weathere
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

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PROJECT WOOLGNI GOLD PROJECT
TRENCH NO.T1

COORDINATE:	LOCATION			ASSAY		LITHOLOGY						
NORTH EAST:	FROM	TO	WIDTH:	NO.	Au g/t	As ppm	COLUR	H/NES	JOINTING	LIM/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	FISSILE	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:BRN	MOD	MASSIVE	MODERATE			SHALE	bed 062/57s jt.165/8
:	42.51	44.26	1.75	8518	0.03	340	:	WHT:BRN	MOD	MASSIVE	MODERATE			SHALE	
:	44.26	45.51	1.25	8519	0.15	560	:	WHT:BRN	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 WOOLGNI GOLD PROJECT
TRENCH NO.T2

COORDINATE:		LOCATION			ASSAY		LITHOLOGY							
NORTH	EAST	FROM	TO	WIDTH	NO.	Au g/t	As ppm	COLUR	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/
		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: 03(
		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 0
		16.25	21.25	5.00	ROAD										
		21.25	23.25	2.00	8543	0.07	130	PLE:R/B:PPL	SOFT	NODULAR	WEAK				S/STONE::rubbly nodular s/st
		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 WOOLGNI GOLD PROJECT
TRENCH NO.T3

COORDINATE: NORTH	COORDINATE: EAST	LOCATION FROM	LOCATION TO	WIDTH	NO.	ASSAY Au g/t	ASSAY As ppm	COLOUR	HARDNESS	JOINTING	LIM/GOETH	QTZ	MICRO/VNS	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	bed165/50w:joints 04
		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	bed? 165/58w
		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:BRN	MODERATE		JOINTED	WEAK			SHALE	
		27.50	29.00	1.50	8567	0.03	61	MOTT:GRY:BRN	HARD		MASSIVE	WEAK			SHALE	bed? 142/55w
		29.00	30.20	1.20	8568	3.52	57	MOTT:GRY:BRN	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	clev. 140/52w
		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 :PNK	PPL	MODERATE	FISSILE	WEAK			SHALE	clev. 325/45w
		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	43.3-43.6m qtz vein
		44.00	45.80	1.80	8578	0.57	180		PPL	MODERATE	JOINTED	STRONG		1mm Fe	SHALE	bed? 092/35w
		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	
inc	29.00	32.00	3.00	1.79	
	38.00	49.00	11.0	1.16	also includes workings not sampled
inc	38.00	41.00	3.00	2.82	
	55.00	56.50	1.50	1.92	

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGNI GOLD PROJECT
TRENCH NO.T4

COORDINATE: NORTH	EAST	LOCATION FROM	TO	WIDTH	ASSAY NO.	Au g/t	As ppm	LITHOLOGY COLOUR	HARDNESS	JOINTING	LIM/GOETH	QTZ	MICRO/VNS	ROCK	COMMENTS
		0.00	1.50	1.50	8586	lt.01	30	PLE:GRN:PPL	MODERATE	FISSILE	WEAK			SHALE	
		1.50	2.70	1.20	8587	lt.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	lt.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 WOOLGNI GOLD PROJECT
TRENCH NO.T5

COORDINATE: NORTH EAST	LOCATION FROM	TO	WIDTH	ASSAY NO.	Au g/t	As ppm	LITHOLOGY 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. 145/30
	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 WOOLGNI GOLD PROJECT

TRENCH NO.T6

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	1.70	1.70	8636	0.22	1290	PLE:GRY:PPL	soft		moderate		boxwork	S/STONE	boxwork
		1.70	3.60	1.90	8637	0.27	1670	PLE:GRY:PPL	soft		moderate			S/STONE	
		3.60	5.10	1.50	8638	1.50	1070	PLE: :GRY	moderate		moderate	1mm vn	Fe/q	S/STONE	
		5.10	6.70	1.60	8639	0.82	2070	PLE: :GRY	moderate		moderate		Fe/q	S/STONE	
		6.70	8.40	1.70	8640	0.28	1260	PLE: :GRY	moderate		moderate			S/STONE	calc. ?
		8.40	9.50	1.10	8641	0.24	1700	PLE: :GRY	moderate	sheared	moderate			SHALE	
		9.50	11.00	1.50	8642	0.52	1180	PLE: :GRY	moderate		moderate	vein		QUARTZ	
		11.00	13.00	2.00	8643	0.22	1540	: :	hard		weak	vein		QUARTZ	milky qtz
		13.00	14.40	1.40	8644	0.30	2660	PLE:GRY:R/B	moderate		weak			S/STONE	
		14.40	16.00	1.60	8645	0.31	1350	: :R/B	hard	massive	strong		gossan	S/STONE	gossan
		16.00	17.30	1.30	8646	0.32	1260	: :GRY	moderate		weak			S/STONE	exposure poor
		17.30	19.00	1.70	8647	0.41	1500	:GRY:BRN	moderate		weak	1mm vns	qtz	QUARTZ	
		19.00	20.50	1.50	8648	0.40	1560	:GRY:BRN	moderate		moderate	Fe/q vns		SHALE	
		20.50	22.00	1.50	8649	2.19	1510	:GRY:BRN	moderate		moderate	Fe/q vns	qtz	SHALE	
		22.00	23.50	1.50	8650	0.89	1000	:GRY:BRN	moderate		moderate	Fe/q vns		SHALE	
		23.50	25.20	1.70	8651	0.37	1190	:GRY:BRN	moderate		moderate	Fe/q vns		SHALE	
		25.20	26.50	1.30	8652	0.35	1790	:GRY:BRN	moderate		moderate		Fe	SHALE	
		26.50	28.00	1.50	8653	1.30	1060	:WHT:PPL	moderate		moderate	Fe/q vns	Fe	S/STONE	
		28.00	29.50	1.50	8654	0.44	1330	:WHT:PPL	moderate		moderate	Fe/q vns		S/STONE	
		29.50	31.50	2.00	8655	0.25	1750	:WHT:PPL	moderate		moderate	Fe/q vns		S/STONE	
		31.50	33.50	2.00	8656	0.26	1650	:WHT:PPL	moderate		moderate	Fe/q vns		S/STONE	
		33.50	35.50	2.00	8657	0.20	1530	:WHT:PPL	moderate		weak			S/STONE	
		35.50	37.50	2.00	8658	0.39	1740	:WHT:PPL	moderate		weak			S/STONE	
		37.50	39.50	2.00	8659	2.06	1180	:WHT:PPL	moderate	jointed	weak			S/STONE	joint 110/75n
		39.50	41.50	2.00	8660	2.11	1090	:WHT:PPL	moderate	cleaved	weak			S/STONE	
		41.50	43.50	2.00	8661	0.19	880	:WHT:PPL	moderate	fissile	weak			SHALE	
		43.50	45.50	2.00	8662	0.20	1340	:WHT:PPL	moderate	fissile	weak			SHALE	
		45.50	47.50	2.00	8663	0.30	1170	:WHT:PPL	moderate	fissile	weak			SHALE	
		47.50	49.50	2.00	8664	0.40	1050	:WHT:PPL	moderate	fissile	moderate			SHALE	
		49.50	51.50	2.00	8665	0.19	1140	:WHT:PPL	moderate	fissile	moderate			SHALE	
		51.50	53.50	2.00	8666	0.19	1350	:WHT:PPL	moderate	fissile	moderate	veinlets		SHALE	
		53.50	55.50	2.00	8667	0.20	1560	:WHT:PPL	moderate	fissile	moderate	veinlets	qtz/Fe	SHALE	
		55.50	57.50	2.00	8668	0.45	1330	:WHT:PPL	moderate	fissile	moderate	veinlets	qtz/Fe	SHALE	
		57.50	59.50	2.00	8669	0.52	1670	:GRN:PPL	soft		strong	veinlets		S/STONE	qtz with haem.
		59.50	61.00	1.50	8670	0.38	1390	PLE: :GRN	soft		strong	veinlets	qtz	S/STONE	boxwork
		61.00	62.80	1.80	8671	0.55	1360	PLE:GRN:GRY	moderate	fractured	strong	veinlets		S/STONE	boxwork
		62.80	64.20	1.40	8672	0.87	1170	PLE: :GRY	hard	fractured	strong	veinlets	Fe/q	S/STONE	network of micro ve
		64.20	66.00	1.80	WORKINGS			: :							
		66.00	67.50	1.50	8673	0.42	1510	: :GRY	hard	massive	moderate		Fe	S/STONE	joint 005/90
		67.50	69.00	1.50	8674	0.34	1000	: :GRY	hard	massive	moderate	veinlets	Fe	GREYWACHE	
		69.00	70.50	1.50	8675	22.87	1560	: :GRY	moderate	massive	strong	veinlets	Fe/q	GREYWACHE	
		70.50	72.00	1.50	8676	0.54	1380	:PPL:GRY	moderate		strong		Fe	S/STONE	
		72.00	73.50	1.50	8677	1.38	1310	:PPL:GRY	moderate	fractured	weak		Fe	S/STONE	joint 345/85e
		73.50	75.00	1.50	8678	0.20	1200	:R/B:PPL	moderate	fractured	weak		Fe	S/STONE	
		75.00	76.50	1.50	8679	0.25	980	:R/B:PPL	moderate	fractured	weak		Fe	S/STONE	
		76.50	78.00	1.50	8680	0.59	950	:R/B:PPL	moderate	massive	weak		Fe	S/STONE	joints 035/67n ;00(
		78.00	79.50	1.50	8681	0.47	1310	:R/B:PPL	moderate		weak		Fe	S/STONE	
		79.50	81.00	1.50	8682	0.28	910	: :PPL	soft	fractured	moderate	veinlets	Fe	S/STONE	

PROJECT WOOLGNI GOLD PROJECT
TRENCH NO.T6 (CONTINUED)

COORDINATE: NORTH EAST	LOCATION FROM	TO	WIDTH	ASSAY NO.	Au g/t	As ppm	LITHOLOGY 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 WOOLGNI GOLD PROJECT
TRENCH NO.T7

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 042/7
	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 WOOLGNI GOLD PROJECT
TRENCH NO.T3

COORDINATE:		LOCATION		ASSAY			LITHOLOGY							
NORTH	EAST	FROM	TO	WIDTH	NO.	Au g/t	As ppm	COLOUR	HARDNESS	JOINTING	LIM/GOETH	QTZ	MICRO/VMS	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	83.7 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 ve
		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 ve
		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 contaminate
		55.00	58.00	3.00	1126	0.09	810	PLE:GRY	R/B	HARD	MASSIVE	moderate		1mm Fe	S/STONE	possibly contaminate
		58.00	61.00	3.00	1127	0.07	800	PLE:GRY	R/B	HARD	MASSIVE	moderate		1mm Fe	S/STONE	possibly contaminate
		61.00	64.00	3.00	1128	0.20	880	PLE:GRY	R/B	HARD	MASSIVE	moderate		1mm Fe	S/STONE	possibly contaminate
		64.00	65.80	1.80	1129	0.06	510	PLE:GRY	R/B	HARD	MASSIVE	moderate		1mm Fe	S/STONE	possibly contaminate
		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 WOOLGNI GOLD PROJECT
TRENCH NO.T8 (continued)

COORDINATE: NORTH EAST	LOCATION FROM	TO	WIDTH	ASSAY NO.	An g/t	As ppm	COLOUR	HARDNESS	JOINTING	LIM/GOSTH	QTZ	MICRO/VNS	ROCK	COMMENTS
	81.00	83.00	2.00	1139	0.14	790	PLE:GRY:PPL:	MODERATE:	FRACTURED:	weak			GREYWACHE:	joints 115/82w :170/
	83.00	84.70	1.70	1140	0.13	560	PLE:GRY:PPL:	MODERATE:	FRACTURED:	weak			GREYWACHE:	
	84.70	86.40	1.70	1141	0.10	380	PLE:GRY:PPL:	MODERATE:	FRACTURED:	weak			S/STONE	
	86.40	88.00	1.60	1142	0.07	550	PLE:GRY:PPL:	MODERATE:	FRACTURED:	weak			S/STONE	
	88.00	89.70	1.70	1143	0.05	380	PLE:GRY:PPL:	MODERATE:	FRACTURED:	weak			S/STONE	
	89.70	91.40	1.70	1144	0.03	840	PLE:GRY:PPL:	MODERATE:	FRACTURED:	weak			S/STONE	
	91.40	93.00	1.60	1145	0.08	490	PLE: :GRY:	HARD	FRACTURED:	weak		Fe veins	S/STONE	
	93.00	94.70	1.70	1146	0.03	780	PLE: :GRY:	MODERATE:	FRACTURED:	weak			S/STONE	
	94.70	96.50	1.80	1147	0.04	910	PLE: :GRY:	MODERATE:	JOINTED	moderate	40mm vein	q/Fe	S/STONE	
	96.50	97.90	1.40	1148	0.14	810	: :GRY:	MODERATE:	JOINTED	moderate	Fe/q	q/Fe	S/STONE	
	97.90	99.60	1.70	1149	0.84	1520	: :PPL:	HARD	MASSIVE	moderate	Fe/q	q/Fe	S/STONE	
	99.60	101.50	1.90	1150	0.22	970	: :PPL:	HARD	MASSIVE	moderate	q rods		S/STONE	boudinage qtz rods
	101.50	103.20	1.70	1151	0.05	750	PLE:PPL:GRY:	HARD	MASSIVE	moderate	q/Fe veins		S/STONE	boudinage qtz rods
	103.20	105.00	1.80	1152	0.09	620	PLE:PPL:GRY:	HARD	BRECCIATE:	stromg	q/Fe veins	q/Fe	GREYWACHE:	
	105.00	106.70	1.70	1153	0.09	900	PLE:PPL:GRY:	HARD	JOINTED	stromg	q/Fe veins	q/Fe	GREYWACHE:	joint 270/80n
	106.70	108.60	1.90	1154	0.02	620	PLE:PPL:GRY:	HARD	JOINTED	strong		q/Fe	GREYWACHE:	gossanous
	108.60	110.30	1.70	1155	0.08	870	PLE:PPL:GRY:	HARD	FRACTURED:	moderate	q/Fe veins	q/Fe	S/STONE	
	110.30	112.00	1.70	1156	0.10	910	PLE:PPL:GRY:	SOFT	JOINTED	weak		q/Fe	S/STONE	
	112.00	113.70	1.70	1157	0.05	700	PLE:PPL:GRY:	SOFT	JOINTED	weak			S/STONE	
	113.70	115.40	1.70	1158	0.03	780	PLE:PPL:GRY:	SOFT	JOINTED	weak		Fe	S/STONE	
	115.40	117.00	1.60	1159	0.02	520	PLE:PPL:GRY:	SOFT	JOINTED	weak			S/STONE	
	117.00	118.50	1.50	1160	0.04	740	PLE:PPL:GRY:	SOFT	JOINTED	weak			S/STONE	
	118.50	120.30	1.80	1161	0.01	620	PLE:PPL:GRY:	SOFT	JOINTED	weak			S/STONE	

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 WOOLGNI GOLD PROJECT
TRENCH NO. T9

COORDINATES NORTH	EAST	LOCATION FROM	TO	WIDTH	ASSAY NO.	Au g/t	As ppm	COLOUR	LITHOLOGY 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 vei
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 vein140
9980.5	5319.5	9.00	10.50	1.50	8747	0.05	680	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 WOOLGNI GOLD PROJECT
TRENCH NO. T10

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
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	
[illegible]1.2	10009.5	5.1	5.7	0.6	8754	4.34	1830	wht	mod	massive	strong	milky		s/stone	milky qtz massiv
[illegible]1.2	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	lt.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	lt.01	650	gry	soft	jointed	moderate	.3m Fe/q		s/stone	9.7-10 Fe/q vei
5371.5	10000.7	13.9	15.6	1.7	8761	lt.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	lt.01	280	gry	mod	jointed	weak			s/stone	joint 135/85e
5371.7	9994.2	20.4	22.4	2.0	8765	lt.01	350	gry	mod	jointed	weak			s/stone	joint 007/85 e
5371.7	9992.2	22.4	24.4	2.0	8766	lt.01	470	gry	mod	jointed	weak			s/stone	joint 165/85 n
5371.7	9990.2	24.4	25.6	1.2	8767	lt.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	lt.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	
[illegible]5372.0	9981.4	33.2	35.2	2.0	8772	0.01	48	ppl	mod	fractured	weak			s/stone	
[illegible].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

FRO	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 WOOLGNI GOLD PROJECT
TRENCH NO.T11

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	1.70	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;050/50
		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	Au g/t
5.60	15.70	10.1	1.95
27.50	28.80	1.30	1.10

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGNI 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	8 2-2.3 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. 105/65
		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	clev. 050/58
		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 leache
		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/b:ppl	moderate	jointed	strong		1-2mm Fe	s/stone	
		59.0	60.7	1.7	1041	0.11	9801	r/b:ppl	moderate	jointed	strong		1-2mm Fe	s/stone	
		60.7	62.5	1.8	1042	0.18	1720	r/b: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 WOOLGNI GOLD PROJECT
TRENCH NO.T12 (continued)

COORDINATE: NORTH EAST	LOCATION FROM	TO	WIDTH	NO.	ASSAY Au g/t	As ppm	COLOUR	HARDNESS	JOINTING	LIM/GOETH	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
	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 080/60n
	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 040/90 130/7
	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

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGNI GOLD PROJECT
TRENCH NO.T13

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	1.70	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 trend
	23.40	25.00	1.60	1094	7.00			wht:ppl	soft	fractured	weak	qtz 23.8m		S/STONE	wht clay ppl nudules
	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
	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 lnm	S/STONE	
	45.50	47.00	1.50	1108	LT.01			gry	moderate	fractured	moderate		Fe lnm	S/STONE	
	47.00	48.70	1.70	1109	LT.01			wht:ppl	soft	fractured	moderate		Fe lnm	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

SUMMARY OF SIGNIFICANT RESULTS

FROM	TO	WIDTH	Au g/t
23.40	25.00	1.60	7.00

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGNI GOLD PROJECT
TRENCH NO.T14

COORDINATE: NORTH EAST	LOCATION FROM	TO	WIDTH	ASSAY NO.	Au g/t	As ppm	LITHOLOGY COLOUR	HARDNESS	JOINTING	LIM/GOSTH	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 tren
	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 WOOLGNI 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	clev. 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 WOOLGNI GOLD PROJECT
TRENCH NO.T16

COORDINATE: NORTH EAST	LOCATION FROM	TO	WIDTH	ASSAY NO.	An g/t	As ppm	LITHOLOGY COLOUR	HARDNESS	JOINTING	LIM/GOETH	QTZ	MICRO/VNS	ROCK	COMMENTS
	0.0	1.7	1.7	1190	0.06	230	r/b:ppl	moderate	jointed	weak		1-2mm Fe	GREYWACHE	
	1.7	3.4	1.7	1191	0.06	270	r/b:ppl	moderate	jointed	moderate		1-2mm Fe	GREYWACHE	calc?
	3.4	5.0	1.6	1192	0.05	290	ple:r/b:ppl	moderate	jointed	moderate		1-2mm Fe	GREYWACHE	clev. 16
	5.0	6.8	1.8	1193	0.05	310	ple:r/b:ppl	moderate	jointed	moderate		1-2mm Fe	GREYWACHE	
	6.8	8.5	1.7	1194	0.09	660	ple:r/b:ppl	moderate	jointed	moderate		1-2mm Fe	GREYWACHE	
	8.5	10.2	1.7	1195	0.24	690	: :grn	moderate	jointed	moderate			GREYWACHE	
	10.2	11.9	1.7	1196	0.06	380	:gry:ppl	soft	clev.	weak			SHALE	
	11.9	13.5	1.6	1197	0.26	560	:gry:ppl	soft	fractured	moderate		1-2mm Fe	S/STONE	
	13.5	15.4	1.9	1198	0.08	580	:gry:ppl	soft	fractured	moderate		1-2mm Fe	S/STONE	
	15.4	16.9	1.5	1199	0.19	770	:gry:ppl	soft	fractured	moderate		1-2mm Fe	S/STONE	
	16.9	18.0	1.1	1200	0.05	490	:gry:ppl	soft	sheared	moderate	Fe/q 25cms 085/25s	Fe/q	S/STONE	qtz vn 0
	18.0	19.5	1.5	1201	0.07	210	ple:gry:ppl	soft	jointed	moderate		Fe	S/STONE	
	19.5	21.1	1.6	1202	0.10	590	ple:gry:ppl	soft	jointed	moderate		Fe	S/STONE	
	21.1	23.0	1.9	1203	0.08	420	:gry:ppl	soft	clev.	strong			S/STONE	
	23.0	24.8	1.8	1204	0.05	700	:gry:ppl	soft	clev.	strong			S/STONE	gossanou
	24.8	26.5	1.7	1205	0.04	420	:gry:ppl	soft	clev.	moderate			S/STONE	clev 00
	26.5	28.3	1.8	1206	0.08	350	:gry:ppl	soft	clev.	moderate			S/STONE	
	28.3	30.0	1.7	1207	0.04	250	:gry:ppl	soft	clev.	moderate			S/STONE	
	30.0	32.0	2.0	1208	0.05	200	:gry:ppl	soft	clev.	moderate			S/STONE	
	32.0	34.0	2.0	1209	0.06	150	:gry:ppl	soft	clev.	moderate			S/STONE	
	34.0	36.0	2.0	1210	0.05	290	:gry:ppl	soft	clev.	moderate			S/STONE	
	36.0	38.0	2.0	1211	0.05	430	:gry:ppl	moderate	jointed	moderate			S/STONE	
	38.0	40.0	2.0	1212	0.02	500	:gry:ppl	hard	jointed	moderate			S/STONE	
	40.0	42.0	2.0	1213	0.03	630	:gry:ppl	hard	jointed	moderate			S/STONE	
	42.0	44.0	2.0	1214	0.09	1310	: :gry	moderate	jointed	moderate	Fe/q	Fe/q	S/STONE	
	44.0	45.7	1.7	1215	0.03	1350	: :gry	moderate	jointed	strong	Fe/q	Fe	S/STONE	
	45.7	47.2	1.5	1216	0.07	750	ple:r/b:gry	moderate	clev.	moderate	Fe/q		S/STONE	clev. 1
	47.2	49.0	1.8	1217	0.01	720	ple:r/b:gry	moderate	clev.	moderate	Fe/q		S/STONE	
	49.0	50.5	1.5	1218	0.03	1030	:wht:ppl	soft	jointed	moderate			S/STONE	
	50.5	52.0	1.5	1219	0.05	1180	:wht:ppl	soft	jointed	moderate			S/STONE	
	52.0	53.2	1.2	1220	0.03	1070	:wht:ppl	soft	sheared	moderate			S/STONE	shear 0
	53.2	55.0	1.8	1221	0.14	1080	:wht:ppl	soft	jointed	moderate			S/STONE	
	55.0	56.5	1.5	1222	0.02	460	:wht:ppl	soft	jointed	moderate	Fe/q25 cms 078/28n	Fe/q	S/STONE	Fe/q 07
	56.5	58.2	1.7	1223	0.01	720	ple: :gry	moderate	jointed	moderate			S/STONE	
	58.2	60.0	1.8	1224	0.02	430	ple: :gry	moderate	jointed	moderate			S/STONE	
	60.0	61.7	1.7	1225	0.04	760	ple: :gry	soft	jointed	moderate			S/STONE	
	61.7	63.4	1.7	1226	0.01	660	ple:ppl:gry	soft	jointed	moderate			S/STONE	
	63.4	65.0	1.6	1227	0.02	810	ple:ppl:gry	soft	jointed	moderate			S/STONE	
	65.0	66.2	1.2	1228	0.04	560	ple:ppl:gry	soft	jointed	moderate			S/STONE	

MINING MANAGEMENT SERVICES PTY LTD

PROJECT WOOLGNI GOLD PROJECT

TRENCH NO.T17

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	1.8	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
		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 1
		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
		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	r/b:wht	soft	fractured	weak		S/STONE	

SUMMARY OF SIGNIFICANT RESULTS

FROM	TO	WIDTH	Au 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	weather
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. FR1 —

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5250 N. 9963 E. — DATE. 3/9/88
DRILLING — DECLINATION 50
COMPANY GARDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 86.m.
METHOD R.C. — ELEVATION 1172 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	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	yb 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 cm 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 cm jts:	1	sh/s/st.	10033	0.02
33	34	rygnb mg gwe minsh/s/st.	min	fe	com. fe cm 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. FR1 — page 2. of 3.

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5250 N. 9963 E. — DATE. 3/9/88
DRILLING
COMPANY GAEDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 86.m.
METHOD R.C. — ELEVATION 1172 m

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
35	36	:rygyb f-mg gwe min s/st.			:fe cn jts	1	:greywache:	10036	:lt.01
36	37	:ryb mg gwe tr s/st.+- sh			:min fe cn 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 cn jts			:comm. fe cn 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 cn jts	1	:greywache:	10041	:lt.01
41	42	:ryb gnb mg gwe + sh/s/st. comm. bl/blk mineral			:fe cn 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 cn 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 cn jts	1	:greywache:	10049	: 0.02
49	50	:rgyb s/st.+-sh/f-mg gwe			:min fe cn 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 cn 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 cn 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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR1 — page 3. of 3 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5250 N. 9963 E. — DATE. 3/9/88
DRILLING
COMPANY GAEDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 86.m.
METHOD R.C.
MACHINE — ELEVATION. 1172 m
METHOD R.C.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
67	68	lt. gn ryb s/st./sh tr gwe	1-2			2	s/st./sh	10068	lt.01
68	69	lt. gnyb s/st./sh/fg gwe	50	mky fe		2	s/st./sh	10069	0.68
69	70	lt. gnyb s/st./sh/fg gwe	70	mky lim	tr aspy	2	s/st./sh	10070	0.10
70	71	gnrb sh/s/st min fg gwe	20	mky lim		2	s/st./sh	10071	0.01
71	72	fresh gn pk s/st.+-sh			tr aspy	2	siltstone	10072	lt.01
72	73	gn min rb sh/s/st. min fg gwe				2	sh/s/st	10073	0.07
73	74	gn min rb sh/s/st. min fg gwe	1-2	mky	tr aspy	2	sh/s/st.	10074	0.02
74	75	dk gn & pk +yb f-mg gwe	5	mky		2	greywache	10075	0.01
75	76	dk gn & pk +yb f-mg gwe	5	fe py		2	greywache	10076	lt.01
76	77	gn s/st+-sh/fg gwe	1	mky		2	siltstone	10077	lt.01
77	78	lt. gn s/st/fg gwe	2-5	mky	1% aspy	2	s/st/gwe	10078	0.03
78	79	lt gn y fg gwe +-s/st	25	mky py fe		2	greywache	10079	0.09
79	80	gn yrb fg gwe/s/st.	10	mky	comm. fe on jts	2	gwe/s/st.	10080	0.07
80	81	gnyrb s/st+-sh/fg gwe			fe st on jts	2	siltstone	10081	0.01
81	82	gnyrb s/st+-sh	5-10	fe aspy		2	siltstone	10082	2.11
79	83	dk ryb fg gwe +- s/st	5-10	mky lim	fract.fe vlts/st	2	greywache	10083	0.16
83	84	dk ryb fg gwe +- s/st	min		lim on jts	2	greywache	10084	0.13
84	85	fresh gn min rb s/st+- sh/fg gwe				2	siltstone	10085	lt.01
85	86	gn s/st.+- sh min fg gwe				2	siltstone	10086	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.2. — page 1. of 3 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5250 N. 9982 E. — DATE. 3&4/7/88
DRILLING — DECLINATION 60
COMPANY GAEDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 92
METHOD R.C. — ELEVATION 1175 M.

DEPTH M. FROM	DEPTH M. TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t	DUPLICATE: 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	mky + 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	mky + fe		1	greywache	2013	0.09	
13	14	min sh.	95	mky	lim on jts	1	quartz	2014	0.10	
14	15	min gy f-mg g/w	80	mky		1	quartz	2015	0.12	
15	16	quartz	100	mky	lim on jts	1	quartz	2016	0.05	
16	17	min g/wache	80	mky		1	quartz	2017	0.15	
17	18	gn yb f-mg g/w ,min s/st. tr bl/bk mineral	50	mky + fe		1	qtz + g/w	2018	0.23	0.25
18	19	gn + r/b f-mg g/w	70	mky + fe		1	qtz + g/w	2019	3.49	
19	20	quartz milky	100	mky	rare lim jts	1	quartz	2020	0.21	
20	21	lt. gn ppl s/st. rare fg g/w	50	mky + fe		1	qtz + s/s	2021	0.15	
21	22	lt. gn ppl s/st. rare fg g/w	70	mky + fe		1	qtz + s/s	2022	0.14	0.865
22	23	min r/b fe s/stone	95	mky + 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	mky		1	quartz	2025	0.87	
25	26	min rb mg g/w.	95	mky + fe		1	quartz	2026	0.81	
26	27	min rb mg g/w.	95	mky + fe		1	quartz	2027	0.09	
27	28	min rb mg g/w.	95	mky + fe		1	quartz	2028	0.09	
28	29	ptly.silic.	25	mky + fe		1	siltstone	2029	0.13	
29	30		100	mky	lim on jts	1	quartz	2030	0.04	
30	31	ptly silic.rb f-mg g/w + s/st.	10	mky		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 FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 5250 N. 9982 E. DATE. 3&4/7/88
DRILLING DECLINATION 60
COMPANY GARDENS AZIM. 321
MACHINE TOTAL DEPTH. 92
METHOD R.C. ELEVATION 1175 m

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
32	33	rb s/st. + f-mg g/w	25	fe		1	greywacke:	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		lim staining	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		min fe st.	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	mky		1	s/st-gwch	2049	0.09
49	50	y/gn + r s/st,f-mg g/w	5	mky		1	s/st-gwch	2050	0.05
50	51	gn yb sh/s.st./fg g/w	30	mky		1	sh/ss/gw.	2051	0.15
51	52	gn yb sh/s.st./fg g/w c' clay	25	mky		1	s/st-gwch	2052	0.17
52	53	yb sh/ss./cly	10	mlky		1	s/st-sh.	2053	0.13
53	54	yb s/st. fg g/w	50	mlky	tr py ?	1-2	s/st-gwch	2054	0.26
54	55	yb rb s/st. f-mg g/w	30	mky + fe	py-lim	2	s/st-gwch	2055	0.08
55	56	yb f-mg g/w min gn s/st.	50	mky		1	greywacke	2056	0.12
56	57	r/yb s/st. f-mg g/w c' qtz /lim veinlets	1-2	fe	qtz-lim veinlets	1	s/st-gwch	2057	0.05
57	58	gn yb s/st, f-g g/w	min		lim common	1	s/st-gwch	2058	0.08
58	59	gn yb s/st, f-g g/w	0		lim common	1	s/st-gwch	2059	0.04
59	60	rb min yb s/st. f-mg g/w	2-5	mky		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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR.2. — page 3. of 3 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5250 N. 9982 E. — DATE. 3&4/7/88
DRILLING — DECLINATION 60
COMPANY GAEDENS — AZTH. 321
MACHINE — TOTAL DEPTH. 92
METHOD R.C. — ELEVATION 1175 m

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
64	65	gn gy rb s/st. f-mg g/w	30	mky +fe	py/lim c'qtz	2	s/st.-g/w:	2065	0.10
65	66	lt gn s/st. fg g/w	10-20:			2	s/st.-g/w:	2066	0.08
66	67	lt. gn ppls/st.- fg g/we min qtz veinlets	50	mky	min c' qtz	2	s/st.-g/w:	2067	0.12
67	68	lt. gn ppls/st.- fg g/we min qtz veinlets	30-40:			2	s/st.-g/w:	2068	0.92
68	69	lt. gn sh/s.st min f-g g/w	60	mky fe	min c'qtz	2	s/st.-sh	2069	0.75
69	70	lt. gn sh/s.st min f-g g/w	60	mky fe	min c'qtz	2	s/st.-sh	2070	0.34
70	71	min gn yb s/st. fg g/w	90	mky + sph	py + aspy	2	quartz	2071	1.37
71	72	gn gy sh/s.st./fg g/w	10	mky + fe	lim/sulph	2	sh/ss/gw	2072	0.14
72	73	gn gy sh/s.st./fg g/w	2-3			2	sh/ss/gw	2073	0.10
73	74	gn gy sh/s.st./fg g/w	20	mky		2	sh/ss/gw	2074	0.07
74	75	gn gy sh/s.st./fg g/w +blk miner	30	mky	py,aspy c'qtz	2	sh/ss/gw	2075	0.12
75	76	gn gy sh/s.st./fg g/w +blk miner	20	mky +sph	1% py aspy gal.	3	sh/ss/gw	2076	0.08
76	77	gn gy + pk gy min yb sh/s.st/ f-g g/w	min			3	sh/ss/gw	2077	0.04
77	78	gn gy sh/s.st./fg g/w + rare sulph vein	30	mlky +sph	2% py aspy	3	sh/ss/gw	2078	0.18
78	79	dk gn sh/s/st./f-mg g/w	min		diss py	3	sh/ss/gw	2079	0.15
79	80	dk gn sh/s/st./f-mg g/w	0		diss py	3	sh/ss/gw	2080	0.07
80	81	lt. gn gy sh/s.st lmm garnet	5	mky-gy	py	3	sh/s.st.	2081	1.73
81	82	lt. gn gy sh/s.st lmm garnet	2-5		min py +aspy	3	sh/s.st.	2082	1.63
82	83	dk gn s/st./f-mg g/w	10	mky	min py phy asapy	3	s.st/gw	2083	0.15
83	84	silic. dk gn s/st/fg gw			rare diss py	3	s.st/gw	2084	0.08
84	85	lt. dk gn s.st./fg g/w	20		min diss py	3	s.st/gw	2085	0.09
85	86	lt. dk gn s.st./fg g/w	5-10		.5% aspy/py	3	s.st/gw	2086	0.25
86	87	lt. dk gn s.st./fg g/w	5-10	mky	min py aspy	3	s.st/gw	2087	0.45
87	88	lt. dk gn s.st./fg g/w	5	mky	min py aspy	3	s.st/gw	2088	0.35
88	89	lt. dk gn s.st./fg g/w	1	mky	min py	3	s.st/gw	2089	0.07
89	90	lt. dk gn s.st./fg g/w	10-20:	mky + py	.5 % py +asdpy	3	s.st/gw	2090	0.15
90	91	silic gn s/st/fg g/w	10	mky	1-2% py	3	s.st/gw	2091	0.61
91	92	silic gn s/st/fg g/w	min		1-2% py	3	s.st/gw	2092	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 1. of 4 .

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

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au 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	:b f-mg gwe +rb sst./sh	:tr	: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	:b mg gwe + rb sst./sh min lt. gn silic.s.st	:min	:fe	:lim/fe 2-5%	1	:greywache:	3008	0.49
8	9	:b m-cg gwe +rb gwe min wh. cly				1	:greywache:	3009	0.05
9	10	:rb gy s.st/fg gwe	65	: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	:lt.01
12	13	:rb b mg gwe				1	:greywache:	3013	0.01
13	14	:b m-cg gwe				1	:greywache:	3014	0.01
14	15	:b 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	:lt b gy & rb mg gwe	:min			1	:greywache:	3017	0.88
17	18	:rb m-cg gwe fe on jts				1	:greywache:	3018	0.01
18	19	:rb f-mg gwe	:tr		: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	:lt.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	rb gn s.st/fg gwer	10	:cl fe	:lim c qtz	1	:s/st./gwe:	3025	0.07
25	26	:rb ppl mg gwe +yb s.st	:min		:min lim	1	:greywache:	3026	7.03
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	:lt.01
31	32	:gy mg gwe + rb s/st.	10	:cl lim		1	:greywache:	3032	: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. 3. — page 2. of 4 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.M.I.H
PROSPECT WOOLGNI — 5250 N. — 10019 E. — DATE. 11/8/88
DRILLING — DECLINATION 57
COMPANY GAEDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 100
METHOD R.C. — ELEVATION 1183 m

DEPTH M. FROM	DEPTH M. TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
32	33	yb & rb gwe/s/st.	min	vnlets	fe/q vnlets	1	greywache:	3033	0.01
33	34	lt. b s/st. + rb mg gwe	rare			1	siltstone:	3034	0.01
34	35	rb s/st. + min gy gwe				1	siltstone:	3035	0.02
35	36	rb mg +b cg gwe			lim cn jts	1	greywache:	3036	lt.01
36	37	b & rb m-cg gwe			lim cn jts	1	greywache:	3037	lt.01
37	38	rb + yb f-mg gwe/s/st.			lim cn 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	greywache:	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-cg gwe				1	greywache:	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 cg gwe lim cn jts	tr	fe		1	greywache:	3050	1.00
50	51	rb mg gwe +b cg gwe min lt. gn s/st.			5% lim after sul:	1	greywache:	3051	0.07
51	52	rb mg gwe +b cg gwe min lt. gn s/st.	1-2	fe	10% lim	1	greywache:	3052	lt.01
52	53	quartz + limonite	85	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.	80	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	yb 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 COORDINATES LOGGED BY M.I.H
PROSPECT WOOLGHI 5250 N. 10019 E. DATE. 11/8/88
DRILLING DECLINATION 57
COMPANY GARDENS AZIM. 321
MACHINE TOTAL DEPTH. 100
METHOD R.C. ELEVATION 1183 m

DEPTH M.		DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH. %	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
FROM	TO								
64	65	min yb s/st.	80	mky fe	15-20% lim	1	quartz	3065	0.26
65	66	lt. yb +b 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 lam	min		tr sulph.	3	greywache	3079	0.01
79	80	dk gn +rb m-cg gwe	0		tr sulph	3	greywacheg	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	0.64
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	greywacheg	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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. FR. 3. page 4. of 4 .

PROJECT FERGUSSON RIVER
PROSPECT WOOLGNI
COORDINATES 5250 N. 10019 E.
LOGGED BY M.I.E
DATE. 11/8/88

DRILLING COMPANY GARDENS
MACHINE
METHOD R.C.
DECLINATION 57
AZIM. 321
TOTAL DEPTH. 100
ELEVATION 1183 m

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
96	97	qtz s/st./sh + qy f-mg qwe	10-15	mky	2-5% sulph	3	greywache	3097	2.33
97	98	qtz s/st./sh + qy f-mg qwe	10-15		1% sulph	3	greywache	3098	2.20
98	99	dk qy min qtz m-fg qwe	tr		min sulph	3	greywache	3099	1.33
99	100	dk qy mg qwe	tr		2-3% sulph.	3	greywache	3100	0.95

TOP OF FRESH ROCK
BASE OF COMPLETE OXIDATION
DAMP AT
WATER AT
COMMENTS SAMPLE RECOVERY
OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO FR 4 — page 1. of 4 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5250 N. — 10043 E. — DATE. 23/8/88
DRILLING
COMPANY GAEDENS — DECLINATION 61
MACHINE — AZIM. 321
METHOD R.C. — TOTAL DEPTH. 121m.
ELEVATION 1184 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au 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-cg gwe min sh/s/st			tr fe vlets	1	:greywache	:40019	0.03
19	20	:y gyr m-cg 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-cg 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 FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 5250 N. 10043 E. DATE. 23/8/88
DRILLING DECLINATION 61
COMPANY GARDENS AZIM. 321
MACHINE TOTAL DEPTH. 121m.
METHOD R.C. ELEVATION 1184 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
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	greywacke	40036	0.06
36	37	lt gnbb rb m-cg gwe + sh/s/st comm. fe on jts			comm.fe on jts	1	greywacke	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	greywacke	40041	0.01
41	42	rb min gn mg gwe min s/st/sh	tr		comm. fe on jts	1	greywacke	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	greywacke	40044	0.05
44	45	ptly bleached lt. gn-pk mg gwe min sh			min fe/as on jts	2	greywacke	40045	0.03
45	46	lt. gn rb m-cg gwe	min		lim vlets	2	greywacke	40046	0.06
46	47	gngy rb m-cg gwe	2-5	mky fe sh	lim vlets	2	greywacke	40047	0.07
47	48	gngy ryb mg gwe min s/st/sh	25	mky	min fe staining	2	greywacke	40048	0.06
48	49	gnrb ptly silic. mg gwe	1-2	y	lim staining	2	greywacke	40049	0.06
49	50	gnryb m-cg gwe	5-10	mky lim	lim staining	2	greywacke	40050	0.06
50	51	gngy min y m-cg gwe			fe/q vlets	2	greywacke	40051	0.04
51	52	gngy min y m-cg gwe			min fe staining	2	greywacke	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	gngy ryb mg gwe			min fe on jts	2	greywacke	40054	0.04
54	55	ryb min gn f-mg gwe			tr fe/aspy on jt	2	greywacke	40055	0.03
55	56	rb m-cg gwe			min fe on jts	2	greywacke	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	greywacke	40059	0.03
59	60	ry gnb m-cg gwe			fe aspy on jts	2	greywacke	40060	0.02
60	61	rb gnb sh/s/st rare mg gwe	tr	fe	min fe sta jts.	2	sh/s/st.	40061	0.03
61	62	gnyrb f-mg gwe+-s/st			min fe st/vlets	2	greywacke	40062	0.02
62	63	gny rb mg gwe + sh/s/st			comm. fe st/vns	2	greywacke	40063	0.02
63	64	freshening gn + rb f-mg gwe + s/st/sh	10	mky fe		2	greywacke	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 FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5250 N. — 10043 E. — DATE. 23/8/88
DRILLING — DECLINATION 61
COMPANY GARDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 121m.
METHOD R.C. — ELEVATION 1184

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
64	65	freshening gn + rb f-mg gwe + s/st/sh			min fe vlets	2	greywache:	4065	0.04
65	66	gn + ryb f-mg gwe min sh			min fe on jts	2	greywache:	4066	0.04
66	67	gn + ryb mg gwe				2	greywache:	4067	0.02
67	68	gn min rb f-mg gwe + sh/s/st	tr	mky	min fe staining	2	greywache:	4068	0.03
68	69	gn tr yb mg gwe tr sh +- s/.st.				2	greywache:	4069	0.02
69	70	dk gnb f-mg gwe min sh				2	greywache:	4070	0.02
70	71	dk gnb f-mg gwe min sh				2	greywache:	4071	0.04
71	72	gn + yb s/st.+-sh rare gwe	30	mky py fe	1-2% sulphide	3	siltstone:	4072	0.39
72	73	gn min ryb sh/s/st tr fg gwe	tr			3	sh/s/st	4073	0.07
73	74	dk gn f-mg gwe comm fe vlets			tr diss py	3	greywache:	4074	0.03
74	75	dk gn b mg gwe tr sh/s/st.				3	greywache:	4075	0.03
75	76	dk gn mg gwe + sh	2	mky py		3	greywache:	4076	0.06
76	77	dk gn tr yb sh/s/st tr gwe	min	mky py		3	sh/s/st.	4077	0.42
77	78	dk gn f-mg gwe				3	greywache:	4078	0.07
78	79	gn min ryb mg gwe min sh/s/st.				3	greywache:	4079	0.04
79	80	gn min ryb mg gwe + sh/s/st.				3	greywache:	4080	0.03
80	81	dk gn f-mg gwe tr s/st/sh				3	greywache:	4081	0.02
81	82	gn min ryb sh/s/st min gwe	5	mky py		3	sh/s/st.	4082	0.02
82	83	gn min yb sh/s/st min gwe				3	sh/s/st.	4083	0.03
83	84	gn min yb mg gwe min sh/s/st.	min	mky		3	greywache:	4084	0.04
84	85	lt.+ dk gn s/st/fg gwe min sh	10-20	mky py		3	s/st./gwe:	4085	2.47
85	86	gn + ryb f-mg gwe/s/st +- sh	tr	mky		3	gwe/s/st.:	4086	0.06
86	87	gn + yb sh/s/st min f-mg gwe	5	py	1% py c fe vlets	3	sh/s/st	4087	0.80
87	88	gn min rb s/st./fg gwe min sh	2-5	mky py		3	s/st/gwe	4088	0.04
88	89	lt dk gn rare ryb f-mg gwe min sh/s/st.	2-5	mky py	tr aspy	3	greywache:	4089	0.02
89	90	lt dk gn rare ryb f-mg gwe min sh/s/st.	10	mky py	tr aspy vlets	3	greywache:	4090	0.28
90	91	lt. gn sh/s/st min gwe	10-20	mky py	com as/py/fe vns	3	sh/s/st.	4091	0.50
91	92	lt. gn min ryb sh/s/st/fg gwe	25	mky py		3	sh/s/st.	4092	0.37
92	93	gn sh/s/st tr gwe	10-20	mky py	min py/aspy vlet	3	sh/s/st.	4093	2.45
93	94	ptly bleached gn ryb s/st/mg gwe	5	fe py mky		3	s/st/gwe	4094	1.00
94	95	gn f-mg gwe min sh	5	mky	tr aspy	3	greywache:	4095	1.27
95	96	lt, gn mg gwe + sh+-s/st.	20	mky aspy		3	greywache:	4096	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 4 page 4. of 4 .

PROJECT FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGHI 5250 N. 10043 E. DATE. 23/8/88
DRILLING DECLINATION 61
COMPANY GARDENS AZIM. 321
MACHINE TOTAL DEPTH. 121m.
METHOD R.C. ELEVATION 1184 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
96	97	gn sh/s/st	10-20	cl gy mky	2% aspy+ py	3	sh/s/st.	4097	0.18
97	98	gn s/st/sh	2-5	mky aspy	min aspy	3	s/st/sh	4098	0.01
98	99	lt. gn sh/s/st	50	mky as py	+10% sulphide	3	sh/s/st.	4099	3.07
99	100	lt. gn sh/s/st	30	mky	2% aspy	3	sh/s/st.	4100	0.13
100	101	lt. gn sh/s/st	60	mky	2% aspy + py	3	sh/s/st.	4101	0.10
101	102	lt + dk gn sh/s/st min gwe	5-10	mky py		3	sh/s/st.	4102	0.10
102	103	lt. gnb + dk gn sh/s/st min gwe			min aspy	3	sh/s/st.	4103	0.08
103	104	dk gn s/st/fg gwe	5	mky py	diss. aspy	3	s/st./gwe	4104	lt.01
104	105	lt dk gn s/st/fg gwe tr sh rare gnb cherty sh	1-2	mky		3	s/st./gwe	4105	0.04
105	106	gn sh/s/st	tr	cl gy	tr aspy	3	sh/s/st.	4106	0.01
106	107	gn sh/s/st	5	mky py	tr aspy	3	sh/s/st.	4107	0.11
107	108	dk gn f- mg gwe/sh+-s/st	2	mky		3	gwe/sh	4108	0.41
108	109	dk gnm s/st/f-mg gwe	tr			3	s/st/gwe	4109	0.27
109	110	dk gn sh/s/st tr gwe	1-2			3	sh/s/st	4110	0.03
110	111	dk gn s/st+-sh/fg gwe	tr			3	siltstone	4111	0.05
111	112	dk gn s/st/fg gwe				3	s/st/gwe	4112	0.08
112	113	gn f-mg gwe	tr	py		3	greywache	4113	0.11
113	114	lt dk gn s/st+- sh	40	mky aspt		3	siltstone	4114	0.10
114	115	dk gn s/st/fg gwe min sh	10	mky aspy	diss. aspy/py	3	s/st/gwe	4115	0.58
115	116	lt. dk gn s/st+-sh	20	mky aspy	2% aspy	3	s/st	4116	0.79
116	117	lt. dk. gn s/st/fg gwe	10-20	mky py		3	s/st/gwe	4117	0.41
117	fl8	dk gn sh/s/st.			tr aspy	3	sh/s/st	4118	0.32
118	119	dk gnblk sh/s/st.			min py cm jts	3	sh/s/st	4119	0.46
119	120	dk gy ptly mott. s/st/fg gwe			tr diss py/aspy	3	s/st/gwe	4120	0.28
120	121	dk gn s/st/sh			tr diss. py	3	s/st/sh	4121	0.25

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 5 page 1. of 2 .

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

COORDINATES
5300 N. 9994 E.
DECLINATION 67
AZIM. 321
TOTAL DEPTH. 54 m.
ELEVATION 1174 M.

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

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
0	2	rb min gnb fg gwe +- s/st.+-sh	5	mky		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	mky sh fe:		1	quartz	5008	0.12
8	9	gnyb min rb m-cg gwe wh. cly	10	mky fe	fe/lim vlets	1	greywache:	5009	0.17
9	10	gnyb + rb f-mg gwe fe rich ,min cly	30	fe mky sh:	strongly fe	1	greywache:	5010	0.11
10	11	rb s/st/sh	10	mky 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	mky	fe stained	1	gwe/s/st.:	5013	0.06
13	14	ppl r-yb f-mg gwe min s/st.	40	mky 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	mky,sh fe:	fe-qtz	1	quartz	5016	0.51
16	17	yrb f-mg gwe min s/st tr blk mineral	60	mky fe		1	greywache:	5017	0.09
17	18	gn ppl yb mg gwe tr s/st.	30	mky 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	mky 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	mky 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 yrb fg gwe min s/st	30-40	mky fe	fe vlets	2	greywache:	5027	5.34
27	28	gnrb f-mg gwe	30	mky 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	mky 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
BASE OF COMPLETE OXIDATION
DAMP AT
WATER AT
COMMENTS SAMPLE RECOVERY
OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR 5 — page 2. of 2.

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

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
32	33	ptly slic. gny s/st/fg gwe	60	mky fe	min lim.	2	s/st./gwe:	5033	0.26
33	34	lt. gngy s/sty +- fg gwe	40	mky	lim st.	2	siltstone:	5034	0.06
34	35	lt. gngy s/sty +- fg gwe	60			2	siltstone:	5035	0.20
35	36	gn + fe yb s/st.	70	mky	lim vlets	2	siltstone:	5036	0.40
36	37	lt. gn s/st./sh	10-20	mky fe	fe lim	2	s/st./sh	5037	0.15
37	38	lt. gn s/st./sh	50	lim py		2	s/st./sh	5038	0.12
38	39	lt. gn s/st./sh	40	shr lim		2	s/st./sh	5039	0.19
39	40	lt. gn s/st./sh	30	lim		2	s/st./sh	5040	0.36
40	41	lt. gn s/st./sh	50	lim py		2	s/st./sh	5041	0.26
41	42	lt. gny s/st/f-mg gwe	30-40	mky fe		2	s/st./gwe:	5042	0.28
42	43	gny s/st.+- sh	25	mky fe	min lim.	2	siltstone:	5043	1.12
43	44	gnyb s/st.	60	mky	lim st.	2	siltstone:	5044	0.27
44	45	lt gn sh/s/st.	10	mky		2	sh/s/st.	5045	0.16
45	46	lt gn sh/s/st.	40			2	sh/s/st.	5046	0.21
46	47	lt. gn sh/s/st.	5-10	mky	tr lim	2	sh/s/st.	5047	0.28
47	48	gn s/st +- sh	50	mky	tr lim	2	siltstone:	5048	0.55
48	49	gngy rb s/st.+- sh	tr	fs		2	siltstone:	5049	0.10
49	50	lt gn- rb s/st./fg gwe +- sh	5-10	mky fe		2	s/st./gwe:	5050	0.34
50	51	lt gn -rb f-mg gwe min s/st.	10-20	mky fe		2	greywache:	5051	0.08
51	52	lt. y-b min gn fg gwe + s/st	30	mky fe		2	greywache:	5052	0.07
52	53	gn-yb m-cg gwe	5-10	mky fe	lim/py	2	greywache:	5053	0.06
53	54	gn-yb mg gwe min s/st.	1-2	mky		2	greywache:	5054	0.03

TOP OF FRESH ROCK — DAMP AT — COMMENTS — SAMPLE RECOVERY
BASE OF COMPLETE OXIDATION — WATER AT — OTHER

	WIDTH	Au 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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR. 6 —

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 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. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
0	1	fill				1			
1	2	lt. rb + gngy mg gwe min s/st.			comm. fe lim.	1	greywache	6002	0.01
2	3	ryb f-mg gwe min sh/s/st.	tr	wh. gy	tr fe vlets	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	te fe vlets	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.	min fe staining	1	greywache	6013	0.38
13	14	rb min gn mg gwe			min fe vlets	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			rare fe vlets	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		tr fe vlets	1	gwe/s/st.	6019	0.08
19	20	gnrb mg gwe rare yb sh			min fe on jts	1	greywache	6020	0.11
20	21	gnrb mg gwe + sh/s/st.			comm. lim on jts	1	greywache	6021	0.09
21	22	yrb s/st.+-sh/mg gwe			min fe vlets	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			min fe vlets	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			min fe st/vlets	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	common fe on jts	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 FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 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. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
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	rgyb min gn f-mg gwe min fe on jts	10-20	mky fe		1	greywache	6034	0.13
34	35	rgyb 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	greywache	6038	0.09
38	39	lt. gn + ryb sh/s/sdt. min mg gwe				1	sh/s/st.	6039	0.08
39	40	yrb 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	greywache	6041	0.12
41	42	ryb + gn f-mg gwe min s/st.			min fe st.	1	greywache	6042	0.10
42	43	ryb min gn m-cg gwe	tr			1	greywache	6043	0.09
43	44	dk rb m-cg gwe			min fe on jts	1	greywache	6044	0.08
44	45	dk rb m-cg gwe				1	greywache	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	greywache	6049	0.10
49	50	rb tr gn f-mg gwe min s/st. 2-5% blk mineral	2-5	dty y		2	greywache	6050	0.10
50	51	ryb min gn mg gwe min s/st/sh			min lim on jts	2	greywache	6051	0.11
51	52	rb f-mg gwe	30	mky	fe stain on jts	2	greywache	6052	0.12
52	53	rgyb mg gwe tr cherty sh	min			2	greywache	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	yrb + gn f-mg gwe min s/st			fe on jts	2	greywache	6056	0.09
56	57	gnyrb s/st/f-mg gwe comm. fe on jts			fe on jts	2	greywache	6057	0.13
57	58	yrb 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	greywache	6060	0.41
60	61	rb f-mg gwe min s/st.	min	mky		2	greywache	6061	0.16
61	62	rb s/st/fg gwe	10	mky fe		2	greywache	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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR. 6 — page 3. of 3 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGHI — 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. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
64	65	:ryb sh/s/st. rare qwe			:min fe on jts	2	:sh/s/st.	6065	0.17
65	66	:rbrb + gny s/st.	10-20	:mky	:wk. lim staining:	2	:siltstone:	6066	0.21
66	67	:lt. gn + y s/st./sh	30	:mky fe	:	2	:s/st./sh	6067	0.73
67	68	:lt. gn + y s/st./sh	60	:fe	:	2	:s/st./sh	6068	0.43
68	69	:lt. gn + y s/st./sh	90	:fe	:fe staining	2	:s/st./sh	6069	0.26
69	70	:gny s/st./fg qwe	60	:mky	:fe staining	2	:s/st./gwe:	6070	0.20
70	71	:bleached lt. gn-fn sh/s/st.			:	2	:sh/s/st.	6071	0.12
71	72	:lt. gn yb f-mg qwe min s/st. min bl/blk miner.	20	:mky fe	:	2	:greywacke:	6072	0.29
72	73	:lt. gny s/st	40	:mky fe	:min aspy	3	:siltstone:	6073	0.46
73	74	:lt. gny sh/s/st.	60	:fe	:1% aspy	3	:sh/s/st.	6074	0.54
74	75	:lt. gny sh/s/st.	50	:	:min aspy	3	:sh/s/st.	6075	0.43
75	76	:lt. gn sh/s/st. min qwe	70	:mky fe	:	3	:sh/s/st.	6076	0.67
76	77	:lt. gn sh/s/st. min qwe	50	:mky fe py	:min aspy	3	:sh/s/st.	6077	0.43
77	78	:lt. gn s/st./sh min fg qwe			:1% aspy	3	:sh/s/st.	6078	0.33
78	79	:lt. gn sh/s/st	25	:mky gy	:2% sulphide	3	:sh/s/st.	6079	0.19
79	80	:lt. gn sh/s/st	10	:mky	:2-5% sulphide	3	:sh/s/st.	6080	0.17
80	81	:bleached lt. gnpk sh/s/st	10	:mky gy py	:min py/aspy	3	:sh/s/st.	6081	0.21
81	82	:bleached lt. gnpk sh/s/st min fg qwe	10-20	:py lim	:2-5% aspy	3	:sh/s/st.	6082	0.18
82	83	:lt. gn -fn pk sh/s/st.	min	:	:min sulphide	3	:sh/s/st.	6083	0.19
83	84	:lt. gn -fn pk sh/s/st.	5	:py	:.5% sulphide	3	:sh/s/st.	6084	0.19
84	85	:gny min pk sh/s/st.	2-5	:mky fe	:min sulphide	3	:sh/s/st.	6085	0.33
85	86	:gn pk sh/s/st. min qwe	25	:mky py	:tr sulphide	3	:sh/s/st.	6086	0.31
86	87	:lt-dk gn min pk sh/s/st min qwe	min	:	:.5% sulphide	3	:sh/s/st.	6087	0.86

:TOP OF FRESH ROCK — DAMP AT — COMMENTS — SAMPLE RECOVERY
:BASE OF COMPLETE OXIDATION — WATER AT — OTHER

AVERAGE GRADE OF ALL SAMPLES 86M @ 0.236
AVERAGE GRADE OF SAMPLES 25 - 87 M. 62M @ 0.284

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. FR . 7. page 1. of 2 .

PROJECT FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 5350 N. 10035 E. DATE. 6/8/88
DRILLING DECLINATION 60
COMPANY GAEDENS AZIM. 321
MACHINE TOTAL DEPTH. 54
METHOD R.C. ELEVATION 1169 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
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	lt.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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR 7 — page 1. of 2.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGNI
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. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
32	33	gnyb +rb sh +min fg gwe	min			1	shale	7033	0.03
33	34	fe rb sh min fg gwe				1	shale	7034	lt.01
34	35	bleached gn ppl yb s/st/fg gwe				1	s/st./gwe	7035	0.02
35	36	gnryb f-mg gwe lesser sh/st.			min on jts	1	greywache	7036	0.03
36	37	gnyrb sh tr fg gwe				1	shale	7037	0.02
37	38	gnyrb sh/s/st. min q/fe veinlets				1	sh/s/st.	7038	0.03
38	39	gnyrb f-mg gwe +-s/st.	5-10	cl gy mky		1	greywache	7039	0.04
39	40	gn f-mg gwe min s/st	20	fe lim py		2	greywache	7040	0.07
40	41	gn +rb f-mg gwe min s/st.	25	fe		2	greywache	7041	0.19
41	42	gn rb mg gwe rare sh/st.			com on jts	2	greywache	7042	0.07
42	43	fe r s/st rare sh				2	siltstone	7043	0.03
43	44	fe r s/st rare sh	1-2	mky fe	com on jts	2	siltstone	7044	lt.01
44	45	rb fg gwe min s/st.	25	fe		2	greywache	7045	0.06
45	46	rb s/st	10	mky		2	siltstone	7046	0.07
46	47	rgyb f-mg gwe min s/st.	tr			2	greywache	7047	0.01
47	48	rb ppl yb gn fg gwe/sst.	tr			2	gwe/s/st.	7048	lt.01
48	49	rb ppl yb gn fg gwe/sst.	tr			2	gwe/s/st.	7049	0.42
49	50	rb s/st +- sh min gngy f-mg gwe				2	siltstone	7050	0.01
50	51	ryb s/st./fg gwe				2	s/st/gwe	7051	0.01
51	52	rb mg gwe				2	greywache	7052	lt.01
52	53	ryb m-cg gwe fe on jts				2	greywache	7053	lt.01
53	54	fe rb sh/st. min fg gwe				2	sh/s/st	7054	lt.01

TOP OF FRESH ROCK
BASE OF COMPLETE OXIDATION

DAMP AT
WATER AT

COMMENTS SAMPLE RECOVERY
OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. FR. 8 page 1. of 3 .

PROJECT FERGUSSON RIVER
PROSPECT WOOLGHI
COORDINATES 5350 N. 10066 E.
LOGGED BY.R.ANGUS
DATE. 29/8/88

DRILLING
COMPANY GAEDEKS
MACHINE
METHOD R.C.
DECLINATION 60
AZIM. 321
TOTAL DEPTH. 75.m.
ELEVATION 1175 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. 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	dty		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	dty 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	dty. 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	dty 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	yb 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
BASE OF COMPLETE OXIDATION
DAMP AT
WATER AT
COMMENTS SAMPLE RECOVERY
OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR. 8 — page 2. of 3 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.AHGUS
PROSPECT WOOLGNI — 5350 N. 10066 E. — DATE. 29/8/88
DRILLING — DECLINATION 60
COMPANY GARDNERS — AZIM. 321
MACHINE — TOTAL DEPTH. 75.m.
METHOD R.C. — ELEVATION 1175 M.

DEPTH M. FROM	DEPTH M. TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. 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	gnryb sh/s/st./f-mg gwe				1	sh/s/st.	8046	lt.01
46	47	gnryb sh/s/st./f-mg gwe				1	sh/s/st.	8047	0.04
47	48	gnryb 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. gnpk 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/fg 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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR. 8 —

PROJECT FERGUSSON 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	DEPTH M. TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t	
64	65	ryb s/st/sh + f-mg gwe			min fe st.	2	s/st./sh	8065	lt.01	
65	66	ryb min gn sh/s/st. min gwe			comm. fe vlets	2	sh/s/st.	8066	0.03	
66	67	rb min ygn s/st/fg gwe			tr fe vlets	2	s/st./gwe	8067	lt.01	
67	68	ryb tr gn f-mg gwe tr s/st.				2	greywache	8068	lt.01	
68	69	gn = yb gwe/s/st.+-sh	rare	py		2	gwe/s/st.	8069	lt.01	
69	70	gn min yb mg gwe/s/st			tr diss py	2	gwe/s/st.	8070	lt.01	
70	71	gn + yb sh/s/st.			fe vlets	2	sh/s/st.	8071	0.02	
71	72	gn + ryb sh/s/st.	tr	sug wh		2	sh/s/st.	8072	lt.01	
72	73	gn min rb sh/s/st min mg gwe				2	sh/s/st.	8073	lt.01	
73	74	gn min ryb sh/s/st. min fg gwe			tr fe cn jts	2	sh/s/st.	8074	lt.01	
74	75	gn min yb sh/s/st tr gwe	tr	mky		2	sh/s/st.	8075	lt.01	

TOP OF FRESH ROCK
BASE OF COMPLETE OXIDATION
DAMP AT
WATER AT
COMMENTS
SAMPLE RECOVERY
OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. FR9 page 1. of 2 .

PROJECT FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 5449 N. 10025 E. DATE. 6/8/88
DRILLING DECLINATION 65
COMPANY GARDENS AZIM. 321
MACHINE TOTAL DEPTH. 50.M.
METHOD R.C. ELEVATION 1154 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
0	1	FILL							
1	2	FILL							
2	3	FILL							
3	4	FILL							
4	5	ryb mg gwe	min	mky		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	gngy yb mg gwe				1	greywache	9009	0.03
9	10	gngy yb f- mg gwe				1	greywache	9010	0.04
10	11	gngy yb f- mg gwe				1	greywache	9011	0.04
11	12	gngy yb mg gwe	min	fe		1	greywache	9012	0.05
12	13	ptly bleached gn gy rb sh + s.st /mg gwe	1	mky		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	yrb 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 slic. 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	gngy ryb f-mg gwe + s.st				1	greywache	9029	lt.01
29	30	gngy 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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. FR9 page 2 . of 2 .

PROJECT FERGUSSON RIVER
PROSPECT WOOLGNI
DRILLING
COMPANY GAEDENS
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. FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
32	33	rb f-mg gwe	2	mky gy		1	greywache	9033	0.09
33	34	ryb s.st/f-mg gwe				1	s.st/gwe	9034	lt.01
34	35	rb s.st min f-mg gwe	min			1	s.st/gwe	9035	lt.01
35	36	rb s.st min f-mg gwe	rare		qtz/lim rare	1	s.st/gwe	9036	lt.01
36	37	rb s.st min f-mg gwe			qtz/lim vlets	1	s.st/gwe	9037	lt.01
37	38	fresh gngy min rb f-mg gwe min s.st	1-2	mky cl gy	tr diss. aspy.	2	greywache	9038	0.08
38	39	gngy m-cg gwe min s.st	2-5		qtz/py	2	greywache	9039	0.19
39	40	gngy m-cg gwe min s.st bleached	10	cl gy mky	qtz/lim	2	greywache	9040	0.06
40	41	yb min gn s.st/sh min f-mg gwe	30	mky gy fe	qtz/lim	2	s.st/sh	9041	0.04
41	42	gn +rb m-cg gwe	10-20	fe lim	qtz/lim	2	greywache	9042	0.02
42	43	ptly slic. lt. gn + rb s.st./f-mg gwe	30	fe		2	s.st/gwe	9043	0.09
43	44	fresh lt gn min rb mg gwe min s/st.	20	mky lim	qtz/lim/py	2	greywache	9044	0.04
44	45	rb min gn f-mg gwe min s.st	5	mky py	qtz/py + lim vns	2	greywache	9045	0.04
45	46	gy gn rb s.st./sh min fg gwe	10	mky		2	s.st/sh	9046	0.08
46	47	gn + rb sh/s.st + mg gwe				2	s.st/sh	9047	0.07
47	48	gngy min rb f-mg gwe min sh				2	greywache	9048	0.06
48	49	gngy min rb f-mg gwe	10	mky		2	greywache	9049	0.09
49	50	gngy s.st	tr		rare py cm jts	2	s.st/sh	9050	0.06

TOP OF FRESH ROCK
BASE OF COMPLETE OXIDATION

DAMP AT
WATER AT

COMMENTS SAMPLE RECOVERY
OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR 10 — page 1. of 3 .

PROJECT FERGUSSON RIVER
PROSPECT WOOLGNI
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. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
0	1	:ryb m-cg gwe	2-5	:dty 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+- sdh/mg gwe				1	:siltstone:	10006	:lt.01
6	7	:yrb 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 cm jts	1	:gwe/sh	:10015	:lt.01
15	16	:gnyrb 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 cm 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	:min fe cm jts	1	:greywache:	10023	:lt.01
23	24	:yrgnb 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		:min fe vlets	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	:fe staining	1	:shale	:10029	: 0.01
29	30	:gn + r ptly slic. f-mg gwe tr sh/s/st.	:min m:		:fe cm jts	1	:greywache:	10030	: 0.02
30	31	:rb min gn f-mg gwe min sh/s/st.	70	:mky lim	:wk. fe	1	:greywache:	10031	: 0.04
31	32	:rygnb m-cg gwe	2		:fe cm jts	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 FERGUSSON RIVER
PROSPECT WOOLGNI
COORDINATES 5197.5 N. 10021 E.
LOGGED BY.R.ANGUS
DATE. 2/9/88
DRILLING COMPANY GARDEMS
MACHINE
METHOD R.C.
DECLINATION 65
AZIM. 321
TOTAL DEPTH. 96. m.
ELEVATION 1176 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. 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 cm jts	1	greywache	10036	0.09
36	37	:rygnb mg gwe				1	greywache	10037	0.07
37	38	:rygnb mg gwe			min fe cm jts	1	greywache	10038	lt.01
38	39	:gnrb mg gwe			tr fe cm 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 cm 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 cm jts	1	greywache	10045	0.02
45	46	:ryb min gn s/st+- sh/mg gwe	min		min fe cm jts	1	siltstone	10046	0.01
46	47	:ryb + gn f-mg gwe + s/st+- sh			min fe cm jts	1	greywache	10047	0.01
47	48	:ryb + gn f-mg gwe + s/st+- sh			min fe cm 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 + ghm 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	greywache	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 —

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGEI — 5197.5 N. — 10021 E. — DATE. 2/9/88
DRILLING — DECLINATION 65
COMPANY GARDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 96. m.
METHOD R.C. — ELEVATION 1176 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
64	65	dk gn f-mg/s/st+-sh	10	mky py		2	gwe/s/st.	10065	0.78
65	66	dk gn fg gwe min sh/s/st.				2	greywache	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	mky py as	tr py aspy	2	greywache	10068	0.81
68	69	dk gn f-mg gwe tr s/st	tr			2	greywache	10069	0.03
69	70	dk gn min yrb f-mg gwe/sh/s/st	10	mky 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	zyb min gn fg gwe/s/st	min		strong lim stain	2	gwe/s/st.	10072	0.04
72	73	dk gn min yb f-mg gwe + sh/s/st.				2	greywache	10073	0.02
73	74	lt. gn/ryb s/st+-sh/mg gwe	10	mky py		2	siltstone	10074	0.01
74	75	dk gn + rb f-mg gwe min s/st				2	greywache	10075	lt.01
75	76	dk gn + rb f-mg gwe min s/st				2	greywache	10076	0.64
76	77	dk gn fg gwe/s/st	min	mky		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	mky lim		2	siltstone	10079	0.06
79	80	gn s/st/fg gwe+-sh	20	mky py fe		2	s/st/gwe	10080	0.30
80	81	dk gn s/st/fg gwe	2-5	mky 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	mky py	1-2% py aspy	3	siltstone	10083	0.10
83	84	p.s.r.ygn sh/s/st	70	mky py	tr py	3	sh/s/st.	10084	0.04
84	85	tr gn s/st.	95	mky fe py		3	siltstone	10085	0.10
85	86	yb lim sh/s/st tr gwe	30	mky fe py	comm. fe vlets	3	sh/s/st.	10086	2.38
86	87	gn + yb s/st/f-mg gwe	10	mky		3	s/st/gwe	10087	0.03
87	88	dk gn mg gwe				3	greywache	10088	0.03
88	89	dk gn f-mg gwe + sh/s/st.	10	mky sug.		3	greywache	10089	0.02
89	90	dk gn f-mg gwe min s/st.				3	greywache	10090	0.03
90	91	dk gn f-mg gwe min s/st				3	greywache	10091	0.55
91	92	gn fg gwe/s/st min sh	30	mky py		3	gwe/s/st.	10092	0.09
92	93	dk gn f-mg gwe min s/st./sh	5-10	mky	rare py	3	greywache	10093	0.02
93	94	dk f-mg gwe min s/st.	1-2			3	greywache	10094	0.02
94	95	dk f-mg gwe min s/st.			min diss py	3	greywache	10095	0.04
95	96	dk f-mg gwe min s/st.	tr			3	greywache	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 FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5350 N. 9969 E. — DATE. 4/9/88
DRILLING — DECLINATION 55
COMPANY GARDENS — AZIM. 141
MACHINE — TOTAL DEPTH. 65
METHOD R.C. with x over sub — ELEVATION 1169 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
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	lt.01
5	6	yb m-cg gwe + rgnb sh/s/st.				1	greywache	11006	0.01
6	7	ygnrb m-cg gwe tr s/st.	tr			1	greywache	11007	lt.01
7	8	yrb 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	lt.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.			tr fe on jts	1	greywache	11013	0.01
13	14	ptly silic. gn rb fg gwe/s/st.			common fe jts	1	gwe/s/st.	11014	0.02
14	15	gnyb mg gwe tr sh	70	mky fe		1	greywache	11015	2.50
15	16	yrb sh/s/st. tr fg gwe	min	mky	min fe vlets	1	sh/s/st.	11016	0.02
16	17	yrb s/st./fg gwe			fe vlets & stain	1	s/st./gwe	11017	lt.01
17	18	gn ryb m-cg gwe tr s/st./sh				1	greywache	11018	lt.01
18	19	gn ryb mg gwe min s/st./sh	tr			1	greywache	11019	lt.01
19	20	ryb s/st.//sh min fg gwe	1-2		min fe on jts	1	s/st./sh	11020	0.18
20	21	gn ryb s/st+- fg gwe	60	mky	lim staining	1	siltstone	11021	0.30
21	22	pk yb f-mg gwe/s/st.				1	gwe/s/st.	11022	0.01
22	23	yrb f-mg gwe/s/st			common fe on jts	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	rare py.	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	yrb f-mg gwe min s/st/sh				1	greywache	11031	0.05
31	32	yrb f-mg gwe min s/st./sh			tr fe vlets	1	greywache	11032	0.03
32	33	yrb f-mg gwe min s/st./sh tr bl/blk mineral				1	greywache	11033	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 11 — page 2. of 2.

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5350 N. 9969 E. — DATE. 4/9/88
DRILLING — DECLINATION 55
COMPANY GAEDENS — AZIM. 141
MACHINE — TOTAL DEPTH. 65
METHOD R.C. with x over sub — ELEVATION 1169 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	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 + yrb 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
COORDINATES 5449 N. 10003 E.
LOGGED BY.R.ANGUS
DATE. 7/8/88

DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.
DECLINATION 60
AZIM. 321
TOTAL DEPTH. 48.m.
ELEVATION 1152 M.

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 — BASE OF COMPLETE OXIDATION — DAMP AT — WATER AT — COMMENTS — SAMPLE RECOVERY — OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. FR.13. page 2. of 2.

PROJECT FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 5449 N. 10003 E. DATE. 7/8/88
DRILLING DECLINATION 60
COMPANY GARDENS AZIM. 321
MACHINE TOTAL DEPTH. 48.m.
METHOD R.C. ELEVATION 1152 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
32	33	bleached f-mg gwe +s/st min fe/q veinlets				1	greywache	13033	0.02
33	34	bleached s/st./sh min gwe				1	s/st/sh	13034	0.06
34	35	rb gny s/st/fg gwe				1	s/st/gwe	13035	0.03
35	36	fresh dk gn min ryb sh/s.st	2-5	mky		1	sh/s/st	13036	0.10
36	37	dk gn tr blk sh			min diss py	2	shale	13037	0.03
37	38	gn + gyb s/st/fg gwe				2	s/st/gwe	13038	0.02
38	39	gn gyb f-mg gwe min s/st.				2	greywache	13039	0.02
39	40	dk gn f- mg gwe min sh rare fe veinlets				2	greywache	13040	lt.01
40	41	dk gn f- mg gwe min sh rare fe veinlets				2	greywache	13041	0.01
41	42	dk gn f- mg gwe min sh rare fe veinlets			lim on jts	2	greywache	13042	0.02
42	43	gn sh/s.st min mg gwe lim on jts				2	sh/s/st	13043	0.03
43	44	gngy s/st./fg gwe min fe/q veinlets				2	s/st/gwe	13044	0.06
44	45	dk gn s/st min sh/mg gwe	2	fe	diss apy 5%	2	siltstone	13045	0.05
45	46	dk gn s/st min sh/mg gwe	tr		1% apy	2	siltstone	13046	0.07
46	47	dk gn s/st min sh/mg gwe			tr py apy	2	siltstone	13047	0.05
47	48	dk gn s/st./fg gwe min sh	tr		tr py	2	s/st/gwe	13048	0.40

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 1. of 3 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGHI — 5400 N. 9964 E. — DATE. 3/9/88
DRILLING — DECLINATION 70
COMPANY GARDENS — AZIM. 141
MACHINE — TOTAL DEPTH. 75
METHOD R.C. — ELEVATION 1157 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
0	1.5	fill				1			
1.5	2	rb min lt gn fg qwe/s/st				1	qwe/s/st	14002	0.04
2	3	rb min lt gn qwe/s/st.comm wh cly.				1	qwe/s/st	14003	0.05
3	4	rb min lt gn qwe/s/st.comm wh cly.				1	qwe/s/st	14004	0.01
4	5	ryb f-mg qwe min s/st+- sdh				1	greywache	14005	0.02
5	6	rb + ygnb s/st/fg qwe comm. wh. cly.				1	s/st/qwe	14006	0.03
6	7	ryb fg qwe /s/st			min fe st. on jt	1	qwe/s/st	14007	0.01
7	8	yrb s/st/sh min fg qwe tr wh. cly.				1	s/st/sh	14008	lt.01
8	9	yrb s/st + cv-mg qwe				1	siltstone	14009	0.03
9	10	gnb ppl rb m-cg qwe ptly slic.	min	y	min fe st.	1	greywache	14010	0.13
10	11	ptly bleached y+ pk f-mg qwe min s/st	5-10	fe	tr fe vlets	1	greywache	14011	0.03
11	12	y + pk fg qwe min s/st	tr		min fe st/vlets	1	greywache	14012	lt.01
12	13	y + pk fg qwe min s/st min wh. cly	tr		min fe st/vlets	1	greywache	14013	0.03
13	14	ptly slic. ryb mg qwe	10-20	fe shr		1	greywache	14014	0.16
14	15	ypkb s/st/f-mg qwe			tr fe on jts	1	s/st/qwe	14015	0.02
15	16	ypkb f-mg qwe				1	greywache	14016	0.02
16	17	ypkb fg qwe			min fe on jts	1	greywache	14017	0.01
17	18	yb pkgy mg qwe min s/st			tr fe vlets	1	greywache	14018	lt.01
18	19	ygnpkb s/st/fg qwe			comm fe on jts	1	s/st/qwe	14019	0.07
19	20	ygnpkb s/st/fg qwe			comm fe on jts	1	s/st/qwe	14020	0.01
20	21	yb pk b sh/s/st + fg qwe			min fe vlets/st.	1	sh/s/st	14021	lt.01
21	22	b ppl f-mg qwe			comm fe on jts	1	greywache	14022	0.03
22	23	yb min gyf-mg qwe/s/st			min fe st/vlets	1	qwe/s/st	14023	0.02
23	24	ypplb f-mg qwe comm. wh cly				1	greywache	14024	0.02
24	25	ppl min y m-cg qwe				1	greywache	14025	0.01
25	26	ppl min y m-cg qwe min sh/s/st.				1	greywache	14026	lt.01
26	27	ryb s/st/fg qwe				1	s/st/qwe	14027	lt.01
27	28	ryb mg qwe min sh/s/st.				1	greywache	14028	lt.01
28	29	ryb f-mg qwe min s/st			comm. fe on jts	1	greywache	14029	lt.01
29	30	ryb f-mg qwe tr s/st.	50	fe	comm. fe on jts	1	greywache	14030	0.17
30	31	ppl gygn b f-mg qwe 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 FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5400 N. — 9864 E. — DATE. 3/9/88
DRILLING — DECLINATION 70
COMPANY GARDENS — AZIM. 141
MACHINE — TOTAL DEPTH. 75
METHOD R.C. — ELEVATION 1157 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. 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 cn 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 cn jts	1	greywache	14044	lt.01
44	45	ryb mg gwe + sh/s/st.			min fe cn 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 cn jts	2	sh/s/st	14050	0.02
50	51	gngy 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	gnmgy mg gwe min s/st+-sh	20	mky lim	min aspy	2	greywache	14054	0.02
54	55	gngy tr rb mg gwe min sh rare diss py				2	greywache	14055	0.03
55	56	gngy tr blk mg gwe tr sh/s/st.				2	greywache	14056	0.05
56	57	gn dk gy mg gwe tr s/st			rare lmm 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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. FR. 14 page 3. of 3 .

PROJECT FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGHI 5400 N. 9964 E. DATE. 3/9/88
DRILLING DECLINATION 70
COMPANY GAEDENS AZIM. 141
MACHINE TOTAL DEPTH. 75
METHOD R.C. ELEVATION 1157 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
64	65	dk gn tr blk spotted slic. f-mg gwe min sh	5-10	sug mk py		2	greywache	14065	0.10
65	66	lt dk gn spotted s/st/fg gwe			tr mass aspy	3	s/st/gwe	14066	0.04
66	67	lt dk gn spotted s/st/fg gwe	5	mky py		3	s/st/gwe	14067	0.07
67	68	gngy sdh/s/st min spotting			min py	3	sh/s/st	14068	0.09
68	69	gngy sh/s/st	rare			3	sh/s/st	14069	0.12
69	70	gy fg gwe min sh/s/st	2-5	sug mky	rare aspy	3	greywache	14070	0.04
70	71	dk gn sh/s/st +- fg gwe	min	sug	minpy/aspy on jt	3	sh/s/st	14071	0.81
71	72	dk gngy sh/s/st + f-mg gwe			py on jts	3	sh/s/st	14072	0.13
72	73	dk gngy s/st/fg gwe					s/st/gwe	14073	0.07
73	74	dk gngy s/st/fg gwe					s/st/gwe	14074	0.05
74	75	dk gngy s/st/fg gwe					s/st/gwe	14075	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. F.R.15 — page 1. of 2.

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5201 N. 9965 E. — DATE. 5/8/88
DRILLING — DECLINATION 60
COMPANY GARDENS — AZIM. 341
MACHINE — TOTAL DEPTH. 63m.
METHOD R.C. — ELEVATION 1169 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
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	br mg g/w				1	greywache	15004	0.03
4	5	br mg g/w				1	greywache	15005	lt.01
5	6	br mg g/w				1	greywache	15006	lt.01
6	7	br 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 mim 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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. F.R.15 page 2. of 2.

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

COORDINATES
5201 N. 9965 E.
DECLINATION 60
AZIM. 341
TOTAL DEPTH. 63m.
ELEVATION 1169 M.

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

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
32	33	gn +yb s.st. min sh +fg gwe	60	lim		1	s.st./qtz	15033	1.00
33	34	gn + fb sh/s.st	70	shr fe	qtz/lim	1	qtz/s.st.	15034	0.36
34	35	gn + fb sh/s.st	95	shr fe	qtz/lim	1	quartz	15035	1.39
35	36	gn + fb sh/s.st	95	mky fe	qtz/lim	1	quartz	15036	1.73
36	37	gn + fb sh/s.st	95	mky fe	qtz/lim	1	quartz	15037	2.47
37	38	ptly silic. gn min yb s/st. tr qtz lim veinlets	60	mky lim	qtz/lim	1	siltstone	15038	1.13
38	39	ptly. slic. gnppl min yb fg g/we	2-5	cl gy mky		1	greywache	15039	0.18
39	40	ptly. silic. gn ppl min yb fg g/we, shr fe qtz	30	mky gy fe	qtz/lim	1	greywache	15040	0.22
40	41	gn + rb sh/s.st./f-mg g/w	min			1	sh/s.st.	15041	0.10
41	42	gn b +rb s.st/fg g/we	min			1	s.st/gw	15042	0.08
42	43	ptly slic. f-mg gwe min s/st	5	mky		1	greywache	15043	0.02
43	44	ptly silic. lt.gn +rb f-mg g/we min s.st.	1-2	mky gy		1	greywache	15044	0.05
44	45	ptly silic. lt.gn +rb f-mg g/we min s.st.	1-2	mky gy		1	greywache	15045	0.41
45	46	gn rb f-mg g/we tr sh/s/st.				1	greywache	15046	0.04
46	47	rb min gn sh/ s.st min f-mg gwe				1	greywache	15047	lt.01
47	48	rb min gn sh/ s.st min f-mg gwe	2-5	fe	tr py.	2	greywache	15048	0.06
48	49	gn + rb s.st/f-mg gwe				2	greywache	15049	0.01
49	50	gn + rb s.st/f-mg gwe	tr			2	greywache	15050	0.12
50	51	s.st./f-mg gwe	2	fe	qtz/lim	2	greywache	15051	0.05
51	52	rb min gwe s.st./f-mg gwe	min		diss py	2	s.st/gwe	15052	0.09
52	53	rb gn f-mg gwe min sh/s.st			rare py	2	s.st/gwe	15053	0.01
53	54	gn min r f-mg g/we min sh/s.st	2	mky cl gy	py c'qtz	2	greywache	15054	0.02
54	55	rb + gn sh min s.st/gwe	tr			2	shale	15055	lt.01
55	56	rb s.st/fg gwe	min		fe rich	2	s.st/gwe	15056	lt.01
56	57	rb + yb fg gwe min s.st bl/blk mineral				2	greywache	15057	lt.01
57	58	dk rb ironstone min yb sh/s.st/fg gwe	tr			2	sh/s.st	15058	lt.01
58	59	rb min gn weakly banded sh/s.st min fg gwe			lim/qtz vlets	2	sh/s.st.	15059	0.02
59	60	rb min gn weakly banded sh/s.st min fg gwe			lim/qtz vlets	2	sh/s.st.	15060	lt.01
60	61	rb m-cg gwe min s/st.	1	fe	qtz/fe	2	greywache	15061	lt.01
61	62	rb m-cg gwe min s/st.	min	fe		2	greywache	15062	lt.01
62	63	rb s.st /fg gwe				2	greywache	15063	lt.01

TOP OF FRESH ROCK
BASE OF COMPLETE OXIDATION

DAMP AT 57 COMMENTS SAMPLE RECOVERY
WATER AT OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR 16 — page 1. of 3 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5199 N. 9995 E. — DATE. 20/8/88
DRILLING — DECLINATION 60
COMPANY GARDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 78 m.
METHOD R.C. — ELEVATION 1172 M.

DEPTH M. FROM	DEPTH M. TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au 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. gnrb sh/s/st + mg gwe				1	greywache	16018	0.06
18	19	lt. gnrb 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		tr fe. vlets	1	greywache	16028	0.07
28	29	gnyb min rb s/st./sh min gwe tr. bl/blk mineral	2-5	fe	rare fe cm jts.	1	s/st./sh	16029	0.99
29	30	rgyb tr gn f-mg gwe	min		tr fe/lim stain.	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		min fe lim cm jt:	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 COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 5199 N. 9995 E. DATE. 20/8/88
DRILLING DECLINATION 60
COMPANY GARDENS AZIM. 321
MACHINE TOTAL DEPTH. 76 m.
METHOD R.C.
MACHINE ELEVATION 1172 M.
METHOD R.C.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au 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-cg 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. oche 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

MINING MANAGEMENT SERVICES PTY.LTD.

DRILL LOG HOLE NO. FR 16 page 3. of 3 .

PROJECT FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 5199 N. 9995 E. DATE. 20/8/88
DRILLING DECLINATION 60
COMPANY GAEDENS AZIM. 321
MACHINE TOTAL DEPTH. 76 m.
COMPANY GAEDENS
MACHINE ELEVATION 1172 M.
METHOD R.C.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
64	65	gn min yb s/st./gwe	40	mky lim	1-2% alt. sulph.	2	s/st./gwe	16065	11.80
65	66	gn + ryb s/st/f-mg gwe	60	mky	tr sulph.	2	s/st./gwe	16066	2.42
66	67	min gnb s/st./gwe	90	mky	min py	2	quartz	16067	0.26
67	68	gnb fract. shred. sh+- s/st. min gwe	50	mky lim	tr py/aspy	2	shale	16068	1.02
68	69	gn-y s/st+- fg gwe	2	mky lim		2	greywache	16069	0.16
69	70	ptly. silic. lt. gn rb mg gwe min s/st.			tr lim on jts	2	greywache	16070	0.13
70	71	gnrb sh/s/st./gwe				2	sh/s/st.	16071	0.23
71	72	gnyrb sh/s/st. min mg gwe	5-10	mky py	tr fe vlets	2	sh/s/st.	16072	1.06
72	73	ryb sh/s/st.	min		fe/q vlets	2	sh/s/st.	16073	0.14
73	74	rgyb m-cg gwe	tr		rare fe vlets	2	greywache	16074	0.25
74	75	ryb s/st./f-mg gwe tr sh	25	mky fe sh	lim staining	2	greywache	16075	3.11
75	76	ryb s/st min gwe	2-5	dty. mky		2	greywache	16076	2.33
76	77	rgyb sh/s/st./.mg gwe	min	sh	fe vlets	2	sh/s/st.	16077	0.25
77	78	rygyb min gn sh/s/st.				2	sh/s/st.	16078	0.11

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 17 —

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY. M.I.H.
PROSPECT WOOLGHI — 5150 N. 9950 E. — DATE. 15/8/88
DRILLING — DECLINATION 55
COMPANY GARDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 60 M.
METHOD R.C. — ELEVATION 1157 m.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
0	1	FILL							
1	2	FILL							
2	3	FILL							
3	4	yb + rb mg gwe	8	mky		1	greywacke	1704	0.15
4	5	b + rb m-cg gwe	tr		tr lim	1	greywacke	1705	0.06
5	6	b s/st./fg gwe			fe vlets	1	greywacke	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		tr lim	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	greywacke	1712	0.07
12	13	b m-fg gwe + rb sh			min lim. on jts	1	greywacke	1713	0.12
13	14	ppl + rb cg gwe soft alter. zone - cly.	2	cl	min lim	1	greywacke	1714	0.10
14	15	b + rb s/st./sh min wh. cly			tr lim	1	s/st./sh	1715	0.15
15	16	yb + rb cg gwe				1	greywacke	1716	0.03
16	17	yb + rb m-fg gwe altered to wh. cly			min lim.	1	greywacke	1717	0.19
17	18	yb + rb m-fg gwe altered to wh. cly	2-3	fe		1	greywacke	1718	0.18
18	19	yb + ppl mg gwe			min lim vlets	1	greywacke	1719	0.10
19	20	gyb mg gwe + min rb gwe	tr		2-5% lim.	1	greywacke	1720	0.12
20	21	rb cg gwe			tr lim.	1	greywacke	1721	0.04
21	22	gy + rb f-g gwe/s/st.	40	mky fe	min lim	1	gwe/s/st.	1722	0.06
22	23	gy + rb mg gwe				1	greywacke	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	greywacke	1726	lt.01
26	27	pl.gy s/st. +min rb s/st.	tr	fe/q	;;1mm fe vlets	1	siltstone	1727	0.01
27	28	pl. gygn +rb s/st./sh	8-10	mky fe	lim 1-2%	1	s/st./sh	1728	0.13
28	29	pl. gygn +rb s/st./sh	20-25	mky	2-3% lim	1	s/st./sh	1729	1.00
29	30	quartz min rb s/st.	80	mky lim	lim 10-15%	1	siltstone	1730	0.59
30	31	rb s/st./fg gwe	5	mky	lim 5%	1	greywacke	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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR 17 —

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY. M.I.H.
PROSPECT WOOLGHI — 5150 N. 9950 E. — DATE. 15/8/88
DRILLING — DECLINATION 55
COMPANY GAEDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 60 M.
METHOD R.C. — ELEVATION 1157 m.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
32	33	rb + min yb s/st			tr lim	1	siltstone:	1733	0.15
33	34	lt. gn + rb min yb s/st.	min		min lim	1	siltstone:	1734	0.08
34	35	rb + min lt. gn s/st/fg gwe	1	mky fe		1	s/st./gwe:	1735	0.16
35	36	rb + gn s/st/fg gwe	min		min lim	1	greywache:	1736	0.10
36	37	rb m-cg gwe	tr	fe		1	greywache:	1737	0.39
37	38	gn min b mg gwe + rb gwe fresh				2	greywache:	1738	0.13
38	39	dk gn mg gwe			tr fe st.	2	greywache:	1739	0.02
39	40	dk gn + min rb b fg gwe				2	greywache:	1740	0.01
40	41	lt. gn b s/st.			fe vlets comm.	2	siltstone:	1741	0.16
41	42	b min rb mg gwe	tr	1% lim		2	greywache:	1742	0.14
42	43	gn cg gwe			min fe st.	2	greywache:	1743	0.01
43	44	lt. gnm mg gwe			fe st.	2	greywache:	1744	0.32
44	45	lt. gn b gwe	25	mky fe		2	greywache:	1745	0.53
45	46	gn + rb mg gwe	5-8	mky fe		2	greywache:	1746	0.66
46	47	lt. gn fg gwe/s/st.	40	mky lim	tr py	2	gwe/s/st.:	1747	0.38
47	48	lt. gn f-mg gwe	tr		fe vlets	2	greywache:	1748	0.16
48	49	dk gn fg gwe min b gwe				2	greywache:	1749	0.14
49	50	dk gn fg gwe min b gwe		tr lim.		2	greywache:	1750	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. 18 — page 1. of 3 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5150 N. 9982 E. — 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 %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
0	1	fill				1			
1	2	fill				1			
2	3	rb min gn s/st.+-sh/fg gwe				1	siltstone	18003	0.05
3	4	rb min gn s/st.+-sh/fg gwe	tr			1	siltstone	18004	0.01
4	5	rb min gn s/st.+-sh/fg 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. cn jts				1	s/st./sh	18011	lt.01
11	12	yrb min gn f-mg gwe tr fe cn jts				1	greywache	18012	0.03
12	13	yrb gn fg gwe/s/st.	tr		tr fe cn 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	yrb sh/s/st. + f-mg gwe				1	sh/s/st.	18016	0.02
16	17	yrb 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	mky		1	greywache	18021	0.04
21	22	ptly bleached gnyb f-mg gwe	1-2		fe cn jts	1	greywache	18022	0.02
22	23	gn + r mg gwe min sh/s/st.			rare fe cn jts.	1	greywache	18023	0.04
23	24	lt. gn s/st/sh min mg gwe	50	mky fe	2-3% fe/lim	1	s/st./sh	18024	0.30
24	25	lt. gn s/st/sh min mg gwe	90	mky 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	mky		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	mky py		1	greywache	18031	0.14
31	32	ryb min gn f-mg gwe min sh/s/st.	5	mky 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 FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5150 N. 9982 E. — 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 %	QUARTZ DESCRIPT.	LIM. 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	greywacke	18034	0.02
34	35	gnrb mg gwe tr s/st.				1	greywacke	18035	0.01
35	36	gnrb mg gwe tr s/st.	1-2		min fe on jts	1	greywacke	18036	0.02
36	37	rb f-mg gwe min s/st./sh	5	mky		1	greywacke	18037	0.03
37	38	gn + rb m-cg gwe tr s/st.				1	greywacke	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	greywacke	18042	0.41
42	43	gngy + ryb f0mg gwe tr sh/s/st.	tr	gy py	tr diss py.	2	greywacke	18043	1.04
43	44	gn yrb f-mg gwe	2-5	mky	fe vlets.	2	greywacke	18044	0.33
44	45	gn yrb mg gwe + sh/s/st.	5-10	mky py	tr py	2	greywacke	18045	1.03
45	46	gn yrb mg gwe min sh/s/st.	tr	py		2	greywacke	18046	0.01
46	47	fresh gn/faun/r mg gwe min sh/s/st.	5-10	mky	py vlets.	2	greywacke	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	greywacke	18055	0.21
55	56	gn/faun/y f-mg gwe	2-5			2	greywacke	18056	lt.01
56	57	dk gn s/st./fg gwe	1			2	greywacke	18057	0.32
57	58	dk gn ppl f-mg gwe min s/st./sh			2% aspy +- py	3	greywacke	18058	0.96
58	59	dk gn ppl f-mg gwe min s/st./sh	10	mky	1-2% aspy	3	greywacke	18059	2.02
59	60	dk gn ppl f-mg gwe min s/st./sh	25	mky		3	greywacke	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	greywacke	18062	0.35
62	63	gn r fg gwe +- s/st./sh	5	mky		3	greywacke	18063	0.05
63	64	gn rb f-mg gwe min sh/s/st.				3	greywacke	18064	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. 18 page 3. of 3 .

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

COORDINATES
5150 N. 9982 E.
DECLINATION 57
AZIM. 321
TOTAL DEPTH. 78. m.
ELEVATION 1165 M.

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

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
64	65	gn rb sh/s/st min gwe	20	mky		3	sh/s/st.	18065	1.33
65	66	gn rb sh/s/st min gwe	20	mky		3	sh/s/st.	18066	1.14
66	67	gn to r gn to r s/st/sh min gwe				3	sh/s/st.	18067	0.05
67	68	gn + rb f-mg gwe/s/st.+-sh	10	mky		3	greywache	18068	1.59
68	69	gn rb mg gwe min s/st./sh				3	greywache	18069	0.16
69	70	rb min gn mg gwe min s/st	2-5	mky	fe vlets	3	greywache	18070	0.29
70	71	yb + gn s/st/sh min gwe	20	mky py	fe vlets	3	s/st/sh	18071	0.17
71	72	gn yrb s/st./sh +- fg gwe				3	s/st/sh	18072	0.07
72	73	lt. gn sh/s/st.	60	lim stain		3	sh/s/st	18073	0.10
73	74	lt. gn mg gwe min sh/s/st.	50	mky py	min py aspy	3	greywache	18074	0.17
74	75	lt. gn yb gwe	30	mky	2-5% aspy+- tr p	3	greywache	18075	0.60
75	76	gn min yb sh/s/st.	30	mky py	2% py/aspy	3	sh/s/st.	18076	2.12
76	77	gn ryb sh/s/st min gwe	5-10	mky py		3	sh/s/st.	18077	0.90
77	78	ryb gn sh/s/st. +mg gwe	tr			3	sh/s/st.	18078	0.72

TOP OF FRESH ROCK
BASE OF COMPLETE OXIDATION

DAMP AT
WATER AT

COMMENTS SAMPLE RECOVERY
OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR. 19. — page 1. of 2.

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5100 N. — 9915 E. — DATE.
DRILLING — DECLINATION 60
COMPANY GAEDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 50
METHOD R.C. — ELEVATION 1151 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. 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 cn jts				1	siltstone	19003	0.10
3	4	:gngy rb f-mg gwe tr s/st				1	greywache	19004	0.02
4	5	:gngy rb f-mg gwe tr s/st	10	:mky		1	greywache	19005	0.35
5	6	:gngy 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	:gngy 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 cn jts				1	siltstone	19014	0.31
14	15	:gn ppl yb m-cg gwe min fe cn jts	2	:mky lim		1	greywache	19015	0.03
15	16	:f-mg gwe fe cn 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	:gngy ryb mg gwe	30	:mky		1	greywache	19018	0.45
18	19	:fr/hx fe s/st/sh min gwe	70	:mky		1	s/st./sh	19019	1.99
19	20	:gn rb mg gwe	2-5	:mky		1	greywache	19020	0.39
20	21	:gngy rb s/st/fg gwe	tr	:fe		1	s/st./sh	19021	0.09
21	22	:fresh gnppl m-cg gwe tr fe cn jts				1	greywache	19022	0.05
22	23	:fresh gnppl m-cg gwe tr fe cn jts	10-20	:mky fe	:q/lim vns to 1mm	1	greywache	19023	1.05
23	24	:gngy m-cg gwe fe cn jts	min			1	greywache	19024	0.07
24	25	:gngy m-cg gwe fe cn jts	10	:mky fe		1	greywache	19025	0.06
25	26	:gngy m-cg gwe				1	greywache	19026	lt.01
26	27	:gngy m-cg gwe			:fe/lim cn jts	1	greywache	19027	0.02
27	28	:gngy 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 rb 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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR. 19. — page 2. of 2 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGHI — 5100 N. 9915 E. — DATE.
DRILLING — DECLINATION 60
COMPANY GAEDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 50
METHOD R.C. — ELEVATION 1151 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
32	33	gnb min rb s/st/sh p bx/fract. q/lim vnlets	10-20	fe py	fe/lim vnlets py	2	greywache	19033	0.54
33	34	fresh lt. gn rare rb mg gwe				2	greywache	19034	0.02
34	35	gn rb s/st /fg gwe min sh	1-2	fe		2	s/st/gwe	19035	0.03
35	36	gn rb m-cg gwe	5	mky fe		2	greywache	19036	0.04
36	37	gnr s/st./sh min fg gwe				2	s/st./sh	19037	lt.01
37	38	gn min rb m-cg gwe	10	mky lim		2	greywache	19038	lt.01
38	39	gnyb m-cg gwe	10	mky shr f		2	greywache	19039	0.52
39	40	gngy rb f-mg gwe /sst.	5-10	mky fe		2	gwe/s/st.	19040	0.36
40	41	gnyb m-cg gwe tr ppl sst.			rare fe vnlets	2	greywache	19041	0.02
41	42	gngy rb f-mg gwe /s.st min lim	min	fe	lim stains	2	gwe/s/st.	19042	0.02
42	43	gn min rb f-mg gwe	min	mky		2	greywache	19043	0.03
43	44	gn min rb f-0mg gwe min s/st	2-5	cl gy mky	tr lim	2	greywache	19044	0.09
44	45	gngy +rb f-mg gwe /s/st poorly handed				2	gwe/s/st.	19045	0.02
45	46	gngy rb mg gwe /s.st. fe vnlets	tr			2	gwe/s/st.	19046	0.34
46	47	ppl min gngy mg gwe max. fe vnlets bx/fract.	tr			2	greywache	19047	0.33
47	48	ppl min gngy mg gwe max. fe vnlets	tr			2	greywache	19048	0.02
48	49	gngy rb f-mg gwe min sst./sh				2	greywache	19049	0.01
49	50	gngy min rb mg gwe fe stains	1-2	mky		2	greywache	19050	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. FR 20 — page 1. of 3.

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5099 N. 9940 E. — DATE. 29/8/88
DRILLING
COMPANY GARDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 74m
METHOD R.C. — ELEVATION 1144 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
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	:min fe vlets.	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 cm 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	:stromg fe st.	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	:tr fe vlets	1	greywache	20018	0.47
18	19	:rb + lt gn mg gwe + sh +- s/st.	10	mky	:common fe vlets	1	greywache	20019	0.28
19	20	:lt gnb mg gwe min sh	10	mky	:fe vlets	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	:fe cm jts	1	greywache	20022	0.05
22	23	:rb tr gn + yb mg gwe min s/st.			:tr fe cm 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 cm jts	1	greywache	20027	0.04
27	28	:ryb + gn f-mg gwe/sh+- s/st.			:fe vblets	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	:fe/lim vlets	1	greywache	20030	0.06
30	31	:gnb rb mg gwe min sh/s/st.			:fe cm 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 FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 5099 N. 9940 E. DATE. 29/8/88
DRILLING DECLINATION 64
COMPANY GARDEMS AZIM. 321
MACHINE TOTAL DEPTH. 74m
METHOD R.C. ELEVATION 1144 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	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	mky 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	mky	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	mky py	fe vlets	2	greywache	20048	0.02
48	49	gn s/st./fg gwe	2-5	mky	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	mky 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	mky		3	s/st./gwe	20055	0.05
55	56	ptly bleached lt. gn s/st+- sh	50	mky py	min py	3	s/st/sh	20056	2.07
56	57	lt. gn fg gwe/s/st.	30-40	mky py	tr py	3	gwe/s/st.	20057	0.62
57	58	lt. gn fg gwe/s/st.	20	mky 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	mky py		3	s/st./sh	20060	0.32
60	61	lt.+ dk gn s/st/sh min fg gwe	10	mky py	tr py	3	s/st./sh	20061	0.11
61	62	gn s/st+- sh /fg gwe	1-2	mky py	min aspy	3	siltstone	20062	0.05
62	63	gn mg gwe min s/st./sh	10	mky +- py		3	greywache	20063	0.12
63	64	gn f-mg gwe	2-5	mky py		3	greywache	20064	0.05

TOP OF FRESH ROCK DAMP AT COMMENTS SAMPLE RECOVERY
BASE OF COMPLETE OXIDATION WATER AT 61.m. OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. FR 20 page 3. of 3 .

PROJECT FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 5099 N. 9940 E. DATE. 29/8/88
DRILLING DECLINATION 64
COMPANY GAEDENS AZIM. 321
MACHINE TOTAL DEPTH. 74m
METHOD R.C. ELEVATION 1144 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
64	65	ghn mg gwe	10	mky		3	greywache	20065	0.03
65	66	gn mg gwee	10	mky		3	greywache	20066	0.03
66	67	gngy f-mg gwe min s/st.	min			3	greywache	20067	0.26
67	68	gn sh/s/st min mg gwe	1-2	mky	rare py	3	sh/s/st.	20068	0.12
68	69	gn s/st./sh min mg gwe	tr	mky	tr diss. py	3	s/st./sh	20069	0.04
69	70	gn mg gwe min s/st/sh	10-20	mky	tr py	3	greywache	20070	0.20
70	71	gn sh/s/st. min gwe	10	mky py	tr py	3	sh/s/st.	20071	0.07
71	72	gn sh/s/st.	20	mky		3	sh/s/st	20072	0.17
72	73	gn s/st/sh	5	mky		3	s/st./sh	20073	18.45
73	74	gn mg gwe	20	mky py	tr py	3	greywache	20074	3.89

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 21 — page 1. of 2 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS/M.I.H.
PROSPECT WOOLGNI — 5050 N. 9875 E. — DATE. 16/8/88
DRILLING — DECLINATION 60
COMPANY GARDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 60 m.
METHOD R.C. — ELEVATION 1140 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
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	1-2% lim	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	4-5% lim	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 vlts. 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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR 21 — page 2. of 2 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS/M.I.H.
PROSPECT WOOLGNI — 5050 N. 9875 E. — DATE. 16/8/88
DRILLING — DECLINATION 60
COMPANY GAEDENS — AZIM. 321
MACHINE — TOTAL DEPTH. 60 m.
METHOD R.C. — ELEVATION 1140 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
32	33	lt. gn s/st.mg gwe + lim st. s/st.			lim st. cn jts	2	greywache	21033	0.01
33	34	ppl s/st min lt. gn s/st			tr lim	2	siltstone	21034	0.01
34	35	FAULT ZONE BROKEN GROUND b lt. gn s/st.	35	fe	20-25% lim	2	siltstone	21035	0.04
35	36	FAULT ZONE bgn mg gwe r clay common			2-3% lim	2	greywache	21036	0.03
36	37	ptly slic. gn + rb mg gwe	tr		fe vlets	2	greywache	21037	0.04
37	38	lt. gn ppl mg gwe/s/st. jted			tr vlets	2	gwe/s/st.	21038	0.02
38	39	fe rb gn mg gwe	5	sh fe	fe vlets	2	greywache	21039	0.07
39	40	fe rb gn mg gwe + sh/s/st.				2	greywache	21040	0.02
40	41	gn minrb mg gwe			rare diss aspy	2	greywache	21041	0.02
41	42	lt. gn min rb m-cg gwe				2	greywache	21042	0.01
42	43	lt. gn min rb m-cg gwe	2	fe py lim	min py lim	2	greywache	21043	0.03
43	44	lt. gn min rb m-cg gwe			min lim/py	2	greywache	21044	0.01
44	45	gn min fe st. rb mg gwe	1	fe py	py cpy	2	greywache	21045	0.02
45	46	lt. gn /rb mg gwe	2-3	py aspy	min diss sulph.	3	greywache	21046	0.10
46	47	lt. gn /rb mg gwe + rb sh/s/st.			lim vlets	3	greywache	21047	lt.01
47	48	gn mg gwe			min diss py aspy	3	greywache	21048	0.05
48	49	gn min yb mg gwe	rare	py	fe jts	3	greywache	21049	0.01
49	50	gn brb m-cg gwe		rare py/l		3	greywache	21050	0.10
50	51	lt. gn ppl mg gwe	10	mky py	min py	3	greywache	21051	0.08
51	52	lt. gn ppl mg gwe	tr		fe st. cn jts	3	greywache	21052	0.02
52	53	lt. gn rb mg gwe	min	fe py	py vns. to 2mm.	3	greywache	21053	lt.01
53	54	gn b m-cg gwe			tr py/lim	3	greywache	21054	0.27
54	55	gnrb mg gwe + gn r sh+-s/st.			min fe vns. py	3	greywache	21055	0.25
55	56	gnrb s/st.+- sh/f-mg gwe	1-2	mky lim	py vlets	3	siltstone	21056	0.19
56	57	ptly. slic. gn min ryb mg gwe	10	mky py	diss py+fe/py	3	greywache	21057	0.05
57	58	ptly slic. s/st.+-sh/f-mg gwe	min	py	rare py vns.	3	siltstone	21058	0.01
58	59	ptly slic. s/st.+-sh/f-mg gwe	20	sh mky py	py vn to 5mm	3	siltstone	21059	0.06
59	60	gn tr rb mg gwe			min py vlts.	3	greywache	21060	0.06

TOP OF FRESH ROCK — DAMP AT — COMMENTS — SAMPLR RECOVERY
BASE OF COMPLETE OXIDATION — WATER AT — OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR 23 — page 1. of 2.

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGHI — 4925 N. 9849 E. — DATE. 8/8/88
DRILLING
COMPANY GAEDENS — AZIM. 51
MACHINE — TOTAL DEPTH. 50
METHOD R.C. — ELEVATION 1159 m.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
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	fe/q vlets	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	STOPE				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	lim stain	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 — SAMPLE RECOVERY
BASE OF COMPLETE OXIDATION — WATER AT — OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. FR 23 page 2. of 2 .

PROSPECT WOOLGNI 4925 N. 9849 E. DATE. 8/8/88

DRILLING
COMPANY GAEDENS
MACHINE
METHOD R.C.
METHOD R.C.

DECLINATION 60
AZIM. 51
TOTAL DEPTH. 50
ELEVATION 1159 m.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	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	tr fe vlets	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	fe vlets	2	greywache	23047	0.04
47	48	rb + fresh dk gn mg gwe	2	fe	fe vlets	2	greywache	23048	0.03
48	49	gnrb m-cg gwe	2-5	sky		2	greywache	23049	0.03
49	50	gn + rb m-cg gwe	min			2	greywache	23050	0.03

TOP OF FRESH ROCK
BASE OF COMPLETE OXIDATION

DAMP AT
WATER AT

COMMENTS SAMPLE RECOVERY

OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR 24 — page 1. of 3 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 4898 N. 9849 E. — DATE. 18/8/88
DRILLING
COMPANY GARDENS — DECLINATION 60
MACHINE — AZIM. 051
METHOD R.C. — TOTAL DEPTH. 72 m.
ELEVATION 1156 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
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 vnlet	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 — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 4898 N. 9849 E. — DATE. 18/8/88
DRILLING — DECLINATION 60
COMPANY GAEDENS — AZIM. 051
MACHINE — TOTAL DEPTH. 72 m.
METHOD R.C. — ELEVATION 1156 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
32	33	silic. gn dk rb ptly mott. fggwe/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	gngy +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	min fe/lim	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		min lim,	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 gngy 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	sky		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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG HOLE NO. FR 24 page 3. of 3 .

PROJECT FERGUSSON RIVER COORDINATES LOGGED BY.R.ANGUS
PROSPECT WOOLGNI 4898 N. 9849 E. DATE. 18/8/88
DRILLING DECLINATION 60
COMPANY GAEDENS AZIM. 051
MACHINE TOTAL DEPTH. 72 m.
METHOD R.C. ELEVATION 1156 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
64	65	:dk gn f-mg gwe min sh/s/st.				1	greywache	24065	0.02
65	66	:dk gnb mg gwe	min	gy sky		1	greywache	24066	0.03
66	67	:dk gn mg gwe	1-2			1	greywache	24067	0.02
67	68	:gn gyy m-cg gwe				1	greywache	24068	0.04
68	69	:gnyb sh/s/st. tr gwe			fe/lim cm jts	1	sh/s/st.	24069	0.03
69	70	:dk gn f-mg gwe/s/st.			min lim tr py	2	gwe/s/st.	24070	0.02
70	71	:dk gn min rb sh/s/st min fg gwe				2	sh/s/st.	24071	0.03
71	72	:gnrb f-mg gwe tr sh.				2	greywache	24072	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 26 — page 1. of 2.

PROJECT FERGUSSON RIVER
PROSPECT WOOLGNI
DRILLING
COMPANY GARDENS
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. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t
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 slic. gny rb s/st/fg gwe jointed				1	s/st./gwe	26003	0.04
3	4	ptly slic. mott dk rb s/st/fg gwe				1	s/st./gwe	26004	0.05
4	5	ptly slic. mott dk rb s/st/fg gwe				1	s/st./gwe	26005	0.04
5	6	ptly slic. mott dk rb s/st/fg gwe hornfels ?				1	s/st./gwe	26006	0.05
6	7	ptly slic. mott dk rb s/st/fg gwe hornfels ?				1	s/st./gwe	26007	0.03
7	8	gn + rb m-cg gwe ptly slic	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	ygnb 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	gnyb f-mg gwe tr s/st	min	fe		1	greywache	26015	0.04
15	16	ryb mg gwe + s/st			tr fe vlets	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	fe vlets	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			fe on jts	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	fe on jts	1	s/st./gwe	26024	0.04
24	24.8	lt. gn fg gwe./s/st.	1-2		tr lim	1	gwe/s/st.	26025	0.04
24.8	26.4	STOPE				1			
26.4	27	gngy rb s/st/sh tr mg gwe			rare fe vlets	1	s/st./sh	26027	0.18
27	28	gnrb s/st+-sh/fg gwe	min	mky	tr fe on jts	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

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR 26 — page 2. of 2 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 4900 N. 9801.25 E. — DATE. 9/8/88
DRILLING — DECLINATION 55
COMPANY GAEDENS — AZIM. 051
MACHINE — TOTAL DEPTH. 50 m.
METHOD R.C. — ELEVATION 1147 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au g/t
32	33	gnrb f-mg gwe min s/st.				2	greywache	26033	0.02
33	34	gn rb f-mg gwe	tr	fe	fe/lim on jts	2	greywache	26034	0.05
34	35	rb gn sh/s/st. rare gwe				2	sh/s/st.	26035	0.04
35	36	gn dk rb f-mg gwe min s/st.				2	greywache	26036	0.04
36	37	gn dk rb s/st.+- sh min mg gwe				2	s/st.	26037	0.03
37	38	gnrb f-mg gwe min s/st.				2	greywache	26038	0.03
38	39	gnrb mg gwe min s/st.+- sh				2	greywache	26039	0.05
39	40	gnb ryb mg gwe min sh/s/st.				2	greywache	26040	0.04
40	41	gnrb sh/s/st.			py on jts	2	sh/s/st.	26041	0.06
41	42	gnrb sh/s/st.				2	sh/s/st.	26042	0.05
42	43	gnrb sh/s/st.			sulph on jt.	2	sh/s/st.	26043	0.05
43	44	dk gnblk min ryb sh/s/st				2	sh/s/st.	26044	0.04
44	45	dk gn m-cg gwe min s/st+-sh				2	greywache	26045	0.03
45	46	dk gn min ryb s/st.+- sh + f-mg gwe			fe vlets	2	siltstone	26046	0.02
46	47	dk gngy tr gnb fg gwe/s/st.				2	gwe/s/st.	26047	0.04
47	48	dk gngy + rb sh/s/st. + mg gwe				2	sh/s/st.	26048	0.02
48	49	rb gngy s/st./sh/fg gwe				2	s/st./sh	26049	0.05
49	50	gnb rb sh/s/st. + f- mg gwe				2	sh/s/st.	26050	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. FR 28 — page 1. of 2 .

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

COORDINATES 4911 N. 9752 E.
DECLINATION 50
AZIM. 051
TOTAL DEPTH. 44 m.
ELEVATION 1138 M.

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

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
0	1	fill				1			
1	2	fill				1			
2	3	silic. gnyhm 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 gnrb 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 — DAMP AT — COMMENTS — SAMPLE RECOVERY
BASE OF COMPLETE OXIDATION — WATER AT — OTHER

MINING MANAGEMENT SERVICES PTY LTD

DRILL LOG — HOLE NO. FR 28 — page 2. of 2 .

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY R.ANGUS
PROSPECT WOOLGNI — 4911 N. — 9752 E. — DATE. 10/8/88
DRILLING — DECLINATION 50
COMPANY GAEDENS — AZIM. 051
MACHINE — TOTAL DEPTH. 44 m.
METHOD R.C. — ELEVATION 1138 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	LIM. DESCRIPT.	SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
32	33	gnb m-cg gwe min s/st. jts stained				2	greywache	28033	lt..01
33	34	ptly silic. gnryb m-cg gwe				2	greywache	28034	lt..01
34	35	dk blgn tr yb sh/s/st. min mg gwe				2	greywache	28035	lt..01
35	36	dk blgn tr yb sh/s/st. min mg gwe				2	greywache	28036	lt..01
36	37	gngy + ryb s/st. + f-mg gwe				2	siltstone	28037	lt..01
37	38	gngy + ryb s/st. + f-mg gwe				2	siltstone	28038	lt..01
38	39	gngy + ryb s/st. + f-mg gwe min gwe				2	siltstone	28039	lt..01
39	40	ryb + gn gy m-cg gwe + s/st.+- sh				2	greywache	28040	lt..01
40	41	ryb min gngy sh/s/st.	1-2	fe	min fe vlets	2	sh/s/st.	28041	lt..01
41	42	gngy rb sh/s/st. min f-mg gwe				2	sh/s/st.	28042	lt..01
42	43	gnb dk ryb s/st./sh +mg gwe			tr fe vlets	2	s/st./sh	28043	0.01
43	44	dk blb sh/s/st.				2	sh/s/st.	28044	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. 29 —

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5400 N. 9878 E. — DATE. 1/9/88
DRILLING — DECLINATION 58
COMPANY GARDENS — AZIM. 141
MACHINE — TOTAL DEPTH. 50
METHOD R.C. — ELEVATION 1157 M.

DEPTH M. FROM	TO	DESCRIPTION	QUARTZ %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE NUMBER	Au 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		min fe staining	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			fe jts/stain.	1	siltstone	29013	0.03
13	14	yb sh/s/st. min gwe			tr fe vlets	1	sh/s/st.	29014	lt.01
14	15	ptly bleached gnyb r/ppl/b fg gwe/s/st.	10	mky	qtz vlets	1	gwe/s/st.	29015	0.14
15	16	yb sh/s/st./fg gwe	5	mky	fe vlets	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			common fe on jts	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.			min fe on jts	1	greywache	29022	lt.01
22	23	ryb f-mg gwe tr s/st.			common fe on jts	1	greywache	29023	0.02
23	24	y + r f-mg gwe/s/st			min fe on jts	1	gwe/s/st.	29024	lt.01
24	25	gnyb mg gwe			min fe on jts	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.			tr fe on jts	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			min fe on jts	1	greywache	29030	0.21
30	31	ryb f-mg gwe			common fe on jts	1	greywache	29031	0.01
31	32	ygnb rb sh/sd/st.			fe on jts & st.	1	sh/s/st.	29032	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. 29 —

PROJECT FERGUSSON RIVER — COORDINATES — LOGGED BY.R.ANGUS
PROSPECT WOOLGNI — 5400 N. 9878 E. — DATE. 1/9/88
DRILLING — DECLINATION 58
COMPANY GAEDENS — AZIM. 141
MACHINE — TOTAL DEPTH. 50
METHOD R.C. — ELEVATION 1157 M.

DEPTH M. FROM	DEPTH M. TO	DESCRIPTION	QUARTZ %	QUARTZ DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER:	Au g/t	
32	33	ryb f-mg gwe min sh/s/st.				1	greywache	29033	lt.01	
33	34	ryb tr gn s/st.+-sh/fg gwe				1	siltstone	29034	0.01	
34	35	gngy ryb sh/s/st.	min	fe	fe vlets/ st.	1	sh/s/st.	29035	0.16	
35	36	ryb min gngy sh/s/st. min fe jts				1	sh/s/st.	29036	0.03	
36	37	ryb sh/s/st./fg gwe			common fe jts	1	sh/s/st.	29037	0.03	
37	38	ryb sh/s/st.+-fg gwe			min fe cm jts	1	sh/s/st.	29038	lt.01	
38	39	rb f-mg gwe				1	greywache	29039	lt.01	
39	40	rb f-mg gwe	20	mky fe		1	greywache	29040	2.92	
40	41	rb min gn s/st./sh				1	s/st./sh	29041	0.04	
41	42	rb + gngy s/st/fg gwe			tr fe cm jts	1	s/st./gwe	29042	0.02	
42	43	lt. gn s/st.+ fg gwe	60	mky fe py	1-2% lim	1	siltstone	29043	0.06	
43	44	gnyrb mg gwe min sh ptly sheared	50	mky lim	min py	2	greywache	29044	0.03	
44	45	ryb tr gn mg gwe	70	mky lim		2	greywache	29045	0.02	
45	46	gn ppl rb m-cg gwe	10	mky fe		2	greywache	29046	0.08	
46	47	gn f-mg gwe	tr	mky		2	greywache	29047	0.09	
47	48	gn + ryb f-mg gwe tr s/st.	30	mky py fe	py/lim	2	greywache	29048	0.38	
48	49	gnyb f-mg gwe 1-2% blk mineral	min	fe		2	greywache	29049	1.31	
49	50	r + gn mg gwe			tr fe staining	2	greywache	29050	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 30 page 1. of 3 .

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

COORDINATES 4910 N. 9900 E.
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 %	DESCRIPT.	LIM. SULPH.%	WEATH. CODE	LITHOL. CODE	SAMPLE: NUMBER	Au g/t
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	q/lim vlets	1	greywache	30002	lt.01
2	3	yb + gn f-mg gwe	10-20	cl gy	fe r vlets	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.			lim vlets	1	greywache	30007	lt.01
7	8	bleached b f-mg gwe min s/.st. min gn y s/st.			fe vlts.	1	greywache	30008	lt.01
8	9	ryb sh min mg gwe jted			fe vnlts.	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			fe vlts.	1	shale	30011	lt.01
11	12	fe rb + yrb sh. min wh. cly.			comm. fe vlts.	1	shale	30012	lt.01
12	13	yrb m-cg gwe min sh			tr fe vlts.	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			min fe cn jts	1	greywache	30017	lt.01
17	18	gnb rb sh min mg gwe			fe vlts comm.	1	shale	30018	lt.01
18	19	gnryb 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.			fe cn jts	1	greywache	30021	lt.01
21	22	ptly. slic. gnyb fg gwe min s/st.			fe cn jts	1	greywache	30022	lt.01
22	23	gnb min b s/st.+ mg gwe			fe vlts	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			fe/lim cn jts	1	sh/s/st.	30026	lt.01
26	27	yb + gn f-mg gwe/sh				1	gwe/sh	30027	lt.01
27	28	gnrb mg gwe min sh/s/st.	tr			1	greywache	30028	lt.01
28	29	rgnb f-mg gwe tr s/st.			min fe cn jts	1	greywache	30029	lt.01
29	30	rgnb f-mg gwe tr s/st.			min fe cn jts	1	greywache	30030	lt.01
30	31	poor sample return gnrb s/st./fg gwe			fe st. cn jts	1	s/st./gwe	30031	lt.01
31	32	gn + b sh+- s/st. min gwe			fe/lim vlets	1	shale	30032	lt.01

TOP OF FRESH ROCK
BASE OF COMPLETE OXIDATION

DAMP AT
WATER AT

COMMENTS SAMPLE RECOVERY
OTHER

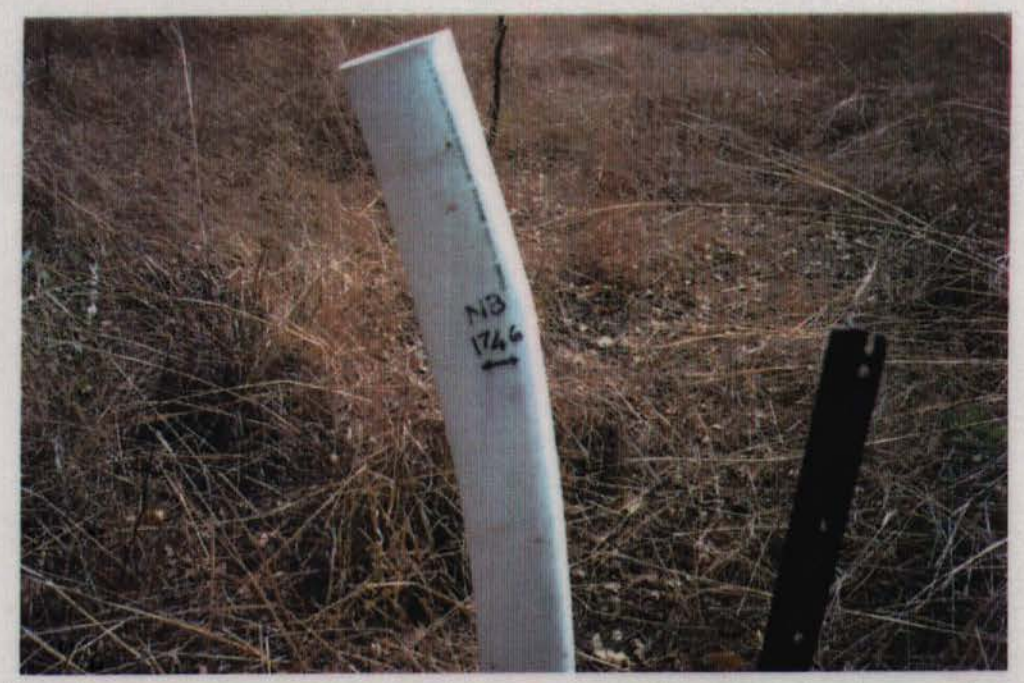

SEVENTH STATE
MINES N L
WINNELLIE N T


SEVENTH STATE
MINES N L
WINNELLIE N T


SEVENTH STATE
MINES N L
P O BOX 37420
WINNELLIE N T


SEVENTH STATE
MINES N L
WINNELLIE N T


SEVENTH STATE
MINES N L
WINNELLIE N T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SEVENTH STATE
MINES N L
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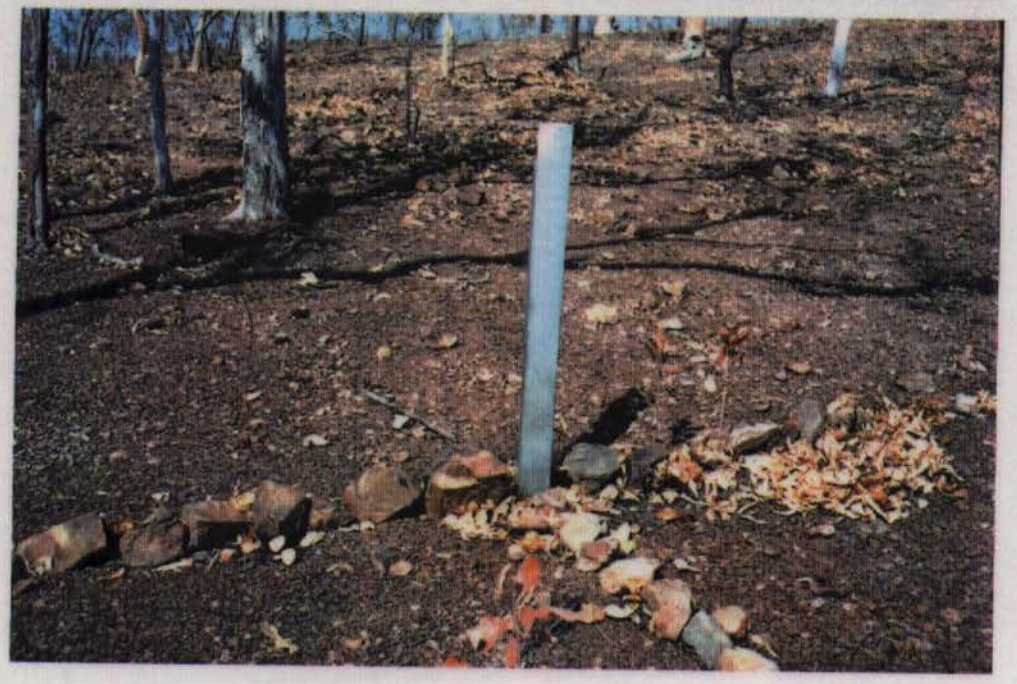


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