EXPLORATION LICENCE 4010

ANNUAL REPORT FOR THE AREA RETAINED

FOURTH YEAR OF LICENCE

December 1st, 1985 to November 30th, 1986

by

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for

HENRY AND WALKER LTD

CONTENTS

1 INTRODUCTION

Exploration Licence 4010, which is centred on the Golden Dyke Dome, is located about 150km south east of Darwin. It is accessible from Darwin via 180km of the Stuart Highway and 5km of gravel road (figure 1).

Exploration has followed different courses through the life of the licence.

(i) Year 1. A programme of stream sediment sampling, geological mapping, rock chip sampling and costeaning was targeted at stratiform gold mineralisation similar to that exploited at the Golden Dyke mine (Rolfe and Radford, 1983, Rolfe, 1983).

(ii) Year 2. The northern parts of the E.L. were examined for quartz-stockworks gold mineralisation (Kavanagh, 1984).

(iii) Year 3. The Sandy Creek hardrock and Good Shepherd prospects were examined in some detail (Nicholson, 1986).

Exploration in Year 4 has concentrated on the Fisher's Lode deposit in the Black Rock area. This prospect was incorporated into the Licence area when gold mining leases held by C.R.A.E. were dropped during Year 3.

This report describes the Year 4 programme, which included costeaning, percussion drilling and diamond drilling.

2 SUMMARY

Exploration at Fisher's Lode, Black Rock has included the digging of 5 bulldozer costeans and the drilling of 10 percussion holes and 12 diamond drillholes. This exploration has identified potentially economic stratiform mineralisation within banded iron formation. This discovery, together with the presence of similar mineralisation at the Golden Dyke mine 2km to the south, demonstrates the area has considerable potential for further discoveries.

3 CONCLUSIONS

(i) Gold mineralisation at Black Rock is hosted by sulphidic, silicate-facies iron formation. Two lenses of stratiform mineralisation occur, which are juxtaposed by faulting.

(ii) The middle Koolpin Formation has good potential for the discovery of further stratiform gold mineralisation in the licence area.

4 RECOMMENDATIONS

(i) The geochemical anomalies known in the middle Koolpin Formation should be tested by percussion drilling and costeaning. Significant results should then be followed up by diamond drilling.

(ii) Another two diamond drillholes should be drilled at the Fisher's Lode prospect to allow final mine planning.

5 TENURE

Exploration Licence 4010 was granted on December 1st, 1982. It originally covered 10 blocks. During the 4th year of the licence (December, 1985 to November 1986) the area was comprised of 4 blocks.

The original holder of the E.L. was a joint venture between Geopeko and Anaconda. In 1985 Henry and Walker Ltd farmed in to the E.L. Later in 1985 Anaconda sold its interest in the area to Dominion Gold Mines N.L.

6 EXPENDITURE

It was proposed to spend a minimum of $20,000 on exploration between December 1st, 1985 and November 30th, 1986. Actual expenditure totalled $133,726.

This is detailed below:-

Bulldozer costeaning	6 hrs @ $150/hour	$900
Costean sampling and mapping		1,050
Drill pad construction	12 hrs @ $150/hour	1,800
Drilling		79,850
Core logging, drilling supervision, core cutting		14,988
Assaying 1308 assays @ $12/assay		15,696
Reporting		2,000
	Subtotal	116,284
Management and Administration (15%)		17,442
	Total	$133,726

It is proposed to spend at least $30,000 in the next year of the E.L.. Exploration will initially concentrate on percussion drilling geochemical anomalies in the Black Rock and Northern Costeans areas.

7 WORK COMPLETED

7.1 Costeaning

Five dulldozer costeans were dug at the Fisher's Lode prospect (Enclosure 1). Channel samples were collected along the costean floor after rain had removed all fine grained debris. The sample intervals, which were measured away from origin pegs, were either one or two metres long. Sample weights averaged about 10kg. The costean locations and sampling details are enclosed in Appendix I.

7.2 Percussion Drilling

Percussion drillholes 3 to 12 were completed with a Warman 750 Universal rig. A total of 541 metres was drilled. Two metre interval samples were collected after splitting through a Warman cyclone splitter. Sample weights averaged 5 to 10kg. Appendix II contains collar co-ordinates, sampling details and geological logs for the percussion drillholes.

7.3 Diamond Drilling

Twelve diamond drillholes totalling 751 metres in length were drilled with a Warman 1000 Universal rig. Almost all the core was split into two with a diamond saw and submitted for assay. The limits of drilling runs were generally used to define sample intervals. In zones of poor recovery, which were restricted to holes D1 to D5, sludge samples were also taken. Percussion samples were collected at the top of the hole and hand split to about 10kg. Collar co-ordinates, drilling data, sampling data and geological logs are enclosed in Appendix II.

7.4 Surveying

All costean origin pegs, drillhole collars and old workings were picked up by a theodolite - EDM survey. In addition, three permanent survey stations have been installed and sufficient topographic points have been picked up to enable

fairly accurate contouring over the prospect area. The co-ordinates of all survey strations and surveyed points are listed in Appendix III.

The grid used in the above surveying and Enclosures 1 to 9 was chosen to make section construction and ore resource calculations easier. The point 495E 884.5N 980.3RL on the new grid is 8259.8E 7761.0N 981.9RL on the old Peko grid. The new grid north lies at 039 degrees on the Peko grid, where grid north is A.M.G. north.

7.5 Assaying

Gold assays were completed at either the Mt Bonnie laboratory or the Australian Assay Laboratories facility at Pine Creek.

At Mt Bonnie the samples were crushed to minus 15mm, prior to the splitting out of 200 grams for pulverisation. Fifty grams was then split out for fire assay. The concentration of gold in the prill was then determined by Atomic Absorption Spectrometry (AAS).

At the AAL laboratory, the whole sample is pulverised prior to the splitting out of 50 grams for firing. The concentration of gold in the prill is also determined by AAS.

Poor repeatability and the unusual geological distribution of gold led to the conclusion that the Mt Bonnie laboratory had a random error problem during the period that Fisher's Lode samples were submitted. All relevant sample residues and some quarter core were subsequently submitted to AAL for checking. These values are used in preference to the earlier Mt Bonnie results.

8 GEOLOGY OF THE FISHER'S LODE PROSPECT, BLACK ROCK

8.1 General Geology

Rocks of the early Proterozoic Pine Creek Inlier underlie the licence area. The regional geology of these rocks has been described in most detail by Walpole et al. (1968) and most recently by Needham et al. (1980). The gold mineralisation enclosed by these rocks is described by Nicholson and Eupene (1984).

The licence area covers part of the Golden Dyke Dome. This structure, and the stratigraphy and mineralisation of the enclosed rocks has been described by Hossfeld (1936), Blanchard (1937) and Nicholson (1981).

8.2 Structure

A continuous sequence of Koolpin Formation sediments strikes at 040 degrees AMG and dips at about 60 degrees to the north west (Figure 2 and Enclosure 1). A fault striking at 060 degrees AMG and dipping at 50 degrees to the north west causes a repetition of the stratigraphy immediately north of the Fisher's Lode shaft.

A metadolerite sill underlies the Koolpin Formation in the prospect area. South of the shaft the sill has a fairly conformable upper contact with the sediments. North of the shaft the sill has markedly discordant contacts and appears to preferentially intrude along the fault. The fault does not appear to cut the metadolorite sill.

8.3 Stratigraphy

The following is a description of the stratigraphic units in the prospect area, in order of decreasing age:

(i) **Interbedded Iron Formation and Mudstone.** Rocks of this unit belong to the upper part of the middle member of the Koolpin Formation. Below the oxidation base iron formation beds consist of varying proportions of actinolite, chlorite, biotite, quartz, pyrite and arsenopyrite. Thicker bands of actinolite and/or chlorite contain laminae of biotite and pyrite. Quartz occurs in sugary quartz pods and lenses and arsenopyrite as 2 to 15mm euhedra define conformable bands. Within the zone of oxidation actinolite and chlorite are weathered to clay minerals and the sulphides are converted to iron oxides.

Mudstone beds are generally massive textured and are composed of fine grained quartz, chlorite, muscovite and biotite.

(ii) **Carbonaceous Mudstone.** This unit represents the lower sections of the upper member of the Koolpin Formation. The carbonaceous mudstone is black and generally fairly massive textured. Bedding is defined by partings spaced at 5 to 15cm and pyrite bends and laminae. Pyrite may comprise up to 30 per cent of some beds. In the zone of oxidation, sulphidic zones are gossanous and there is varying amounts of bleaching and silicification.

(iii) **Metadolerite.** The metadolerite is massive textured and mainly comprised of actinolite, feldspar, quartz, calcite and epidote. Actinolite laths range from 0.5 to 10mm in length. The fine grained material is commonly found pseudomorphing original chilled margin textures. Altered lithologies contain varying

amounts of chlorite and biolite.

Above the oxidation base the metadolerite is strongly weathered and very soft.

8.4 Mineralisation

Gold occurs in sulphidic (or gossanous) beds within the iron formation/mudstone sequence. The mineralisation occurs in slightly different stratigraphic intervals above and below the fault.

Mineralised iron formation and mudstone is mainly distinguished from non-mineralised material by the presence of 5 to 20 per cent pyrite and 0.5 to 5 per cent arsenopyrite. Most of the pyrite occurs as subhedra 0.5 to 3mm in diameter which define conformable bands and laminae or are evenly disseminated. Arsenopyrite euhedra 2 to 15mm in diameter define conformable bands. Discordant milky quartz veins 1 to 100mm thick comprise up to 5 per cent of the ore. These contain variable sulphide contents.

The sulphide minerals are completely weathered to iron oxide minerals above the zone of oxidation.

Gold mainly occurs as grains averaging 10 to 20 microns in diameter. The grains are usually included within, or occur on the boundaries of, sulphide grains. Coarser gold, up to 2mm in diameter, is sometimes visible within the quartz veins.

9 ECONOMIC POTENTIAL

The discovery of the Fisher's Lode mineralisation, together with the occurence of similar mineralisation at the Golden Dyke mine 2km to the south, indicates the western side of the Golden Dyke Dome has excellent potential for further discoveries. The middle Koolpin Formation, which hosts both of the above occurences, contains numerous other showings in the immediate area. These include:-

(i) Fisher's Lode Extensions. A 300 to 400 metre strikelength extending away from Fisher's Lode to the north west appears to source rock chip and soil gold anomalies (Rolfe, 1983).

(ii) Northern Costeans. Hossfeld (1936) located 3 to 5 metres grading 7 to 9 g/t Au in this area.

(iii) I_3 at Black Rock. Blanchard (1937) and Nicholson (1981) obtained low grade gold values in this bed in both costeans and drillholes.

(iv) Davies No 2. Blanchard (1937) located a 60 metre long zone containing up to 4 metres at 2.5 g/t Au at this prospect.

(v) I_4 and Black Rock. Rolfe and Radford (1983) found anomalous rock chip samples in this bed.

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APPENDIX I

COSTEAN DATA

COSTEAN COORDINATES - FISHER'S LODE

Costean Number	C1
Origin Peg Coordinates	
EASTING	498,700
NORTHING	902,000
REDUCED LEVEL	975,500
Costean End Coordinates	
EASTING	521,000
NORTHING	903,000
REDUCED LEVEL	967,000

Costean 1

2-3	8251	0.11		
-4	2	0.05		
-5	3	0.06		
-6	4	0.10		
-7	5	0.05		
-8	6	0.03		
-9	7	0.01		
-10	8	0.09		
13.5-14.5	9	0.01		
-15.5	8260	0.49		
-16.5	1	0.27		
-17.5	2	0.13	(Approx)	
-18.5	3	1.08	17.5 -19.5	1.51
-19.5	4	1.98		
-20.5	5	0.32	19.5-21.5	0.29
-21.5	6	0.24		
-22.5	7	0.81	21.5-23.5	0.79
			23.5-26.5	0.28
			25.5-27.8	0.54

10.5 – 12.7 m Metadolerite

12.7 – 15.5 m Iron Formation with 5% sugary qtz

15.5 – 19.5 m Iron Formation / mudstone

19.5 – 25.6 m Iron Formation / mudstone / metadolerite (1-2% assay cost)

25.6 – 29.5 m Metadolerite

Costean Number	C 2
Origin Peg Coordinates	
EASTING	500,381
NORTHING	885,586
REDUCED LEVEL	977,230
Costean End Coordinates	
EASTING	517,000
NORTHING	885,000
REDUCED LEVEL	969,000

2-3	8268	0.04
-4	9	0.08
-5	8270	0.07
-6	1	0.59
-7	2	0.46
-8	3	0.14
-9	4	0.27
-10.3	5	0.25
-11.3	8276	0.96
12-14		1.07
-16		4.03
-18		0.86
-19.6		0.48

0 – 4.3 bleached mudstone
– 6.0 Iron formation & sugary quartz
– 8.4 bleached mudstone
– 10.0 Iron formation & sugary quartz
– 10.3 Iron formation / mudstone
– 12.0 old working?
– 14.0 Iron formation / mudstone
– 15.0 Iron formation & sugary quartz
– 19.6 Iron formation / mudstone
– 24 Metadolerite

Costean Number	C 3
Origin Peg Coordinates	
EASTING	498,019
NORTHING	845,694
REDUCED LEVEL	978,314
Costean End Coordinates	
EASTING	517,000
NORTHING	844,500
REDUCED LEVEL	967,000

Costean 3

2.5-3.5	8277	0.20
-4.5	8	0.11
-5.5	9	0.57
-6.5	8280	0.20
-7.5	1	0.08
-8.5	2	0.03
-9.5	3	0.22
11 - 13		4.66
13-15		2.16

0-3.9	Carbonaceous mudstone
-7.5	Iron formation & sugary quartz
-10.8	Iron formation / mudstone
-12.0	Iron formation & sugary quartz
-15.0	Iron formation / mudstone
-16.5	Metadolerite

Costean Number	C4
Origin Peg Coordinates	
EASTING	495,117
NORTHING	828,844
REDUCED LEVEL	978,140
Costean End Coordinates	
EASTING	513,000
NORTHING	826,500
REDUCED LEVEL	970,000

Costean 4

3-4	8284	0.11
-5	5	0.13
-6	6	0.14
-7	7	0.21
-8	8	0.35
-9	9	3.51
-10.2	8290	2.08
-11	8291	0.20

0 – 4.0	carbonaceous mudstone
– 8.7	Iron formation / sugary quartz
– 10.4	Iron formation / mudstone
– 10.9	Iron formation / sugary quartz
– 12.5	Iron formation / mudstone
– 22.5	Metadolerite

Costean Number	C5
Origin Peg Coordinates	
EASTING	488,303
NORTHING	805,476
REDUCED LEVEL	980,175
Costean End Coordinates	
EASTING	500,500
NORTHING	803,000
REDUCED LEVEL	973,000

Costean 5

0-1	8292	0.24
-2	3	0.06
-3	4	0.14
-4	5	0.29
-5	6	0.31
-6	7	2.30
-7	8	1.05
-8	9	0.29
-9.3	8300	0.45
-9.7	1	0.14
-10.5	2	0.44
-11.3	3	0.37

0.0 - 0.1 carbonaceous mudstone

-4.9 Iron formation / sugary quartz

-11.4 Iron formation / mudstone

-20.0 Metadolerite

APPENDIX II

DRILLING DATA

PERCUSSION HOLES COLLAR COORDINATES

FISHER'S LODE

Hole Number	P 3
Collar Coordinates	
EASTING	495,000
NORTHING	884,500
REDUCED LEVEL	980,250
Dip	90°
Final Depth	42m

Percussion Drillhole 3

0-2	8041	0.01	red dust (ferrug Ss-)
-4	2	0.01	"
-6	3	0.01	light grey dust (cSlst)
-8	4	0.02	red / grey dust
-10	5	0.01	pink yell brn dust
-12	6	0.02	grey pink dust
-14	7	0.04	grey dust
-16	8	0.06	"
-18	9	0.26	pink / grey dust
-20	8050	0.13	"
-22	1	0.13	pink dust
-24	2	0.09	"
-25	3	0.05	"
-26	4	007	grey dust
-28	5	0.09	or-red dust 5-10% qz
-30	6	0.08	pk-or dust
-32	7	5.35	pk brn chips
-34	8	0.21	"
-36	9	0.25	red brn dust ≤ 5% qz
-38	8060	2.37	pk dust ≤ 10% qz
-40	1	2.42	pk dust
-42 (EOH)	8062	2.08	pk dust ≤ 10% qz

Hole Number	P 4
Collar Coordinates	
EASTING	495,200
NORTHING	866,000
REDUCED LEVEL	980,820
Dip	90°
Final Depth	42m

Percussion Drillhole 4

3-4	8063	0.06	grey dust
-6	4	0.09	"
-8	5	0.07	"
-10	6	0.10	"
-12	7	0.14	"
-14	8	1.32	"
-16	9	0.41	pink grey dust
-18	8070	0.19	"
-20	1+2	0.09, 0.05	white red dust
-22	3	0.01	"
-24	4	0.02	red brown dust
-26	5	0.14	"
-28	6	3.10	"
-30	7	0.13	grey brown dust
-32	8	0.85	"
-34	9	5.80	"
-36	8080	3.30	"
-38	1	0.22	green dust
-40	2	0.01	"
-42	8083	0.01	"

Hole Number	P 5
Collar Coordinates	
EASTING	486,200
NORTHING	837,600
REDUCED LEVEL	982,000
Dip	90°
Final Depth	51m

Percussion Drillhole 5

0-2	7701	0.06	rubble
-4	2	0.06	red brown dust
-6	3	0.05	grey dust
-8	4	0.04	brown dust
-10	5	0.36	grey dust
-12	6	0.13	"
-14	7	0.10	purple grey dust
-16	8	0.16	grey dust
-18	9	0.12	dark grey dust
-20	7710	0.16	"
-22	1	0.19	"
-24	2	0.16	"
-26	3	2.51	"
-28	4	0.26	"
-30	5	0.18	"
-32	6	0.09	"
-34	7	0.14	brown ?Sc dust
-36	8	0.04	red brown ? qtz
-38	9	0.13	brown dust
-40	7720	1.35	"
-42	1	0.09	"
-44	2	0.04	"
-46	3	1.58	"
-48	4	1.15	"
-50	5	0.45	green brown dust, ?MBd
-51 EOH	7726	0.10	green grey dust, ? MBd

Hole Number	P 6
Collar Coordinates	
EASTING	477,300
NORTHING	803,600
REDUCED LEVEL	982,300
Dip	90°
Final Depth	49m

Percussion Drillhole 6

0-2	7727	<0.01	pink dust (mod to bleached ssm)
-4	8	0.03	"
-6	9	0.20	"
-8	7730	0.03	"
-10	1	0.02	"
-12	2	0.03	"
-14	3	0.10	"
-16	4	0.07	black dust (ssm)
-18	5	0.09	"
-20	6	<0.01	"
-22	7	0.12	"
-24	8	0.02	"
-26	9	0.05	"
-28	7740	0.02	grey dust
-30	1	0.14	red brown pink dust, Sil chips
-32	2	0.11	"
-34	3	0.31	"
-36	4	0.64	"
-38	5	0.26	"
-40	6	5.26	pink dust (?ssm)
-42	7	0.57	"
-44	8	0.19	"
-46	9	0.61	green pink dust (?mod)
-49 Eoh	7750	0.92	"

Hole Number		P 7
Collar Coordinates	Approximate collar position shown in Figure 2.	
Dip	60°	
Azimuth	120°	AMG
Final Depth	45m	

Pecwesa B-Hole 7

0-2	7751	0.28	grey dust
-4	2	0.28	"
-6	3	0.01	"
-8	4	0.01	"
-10	5	0.22	yellow white dust
-12	6	<0.01	brown grey dust
-14	7	<0.01	grey dust
-16	8	0.11	"
-18	9	0.19	"
-20	7760	0.09	"
-22	1	0.07	red-brown dust
-24	2	0.08	brown grey dust
-26	3	0.05	"
-28	4	0.08	"
-30	5	0.02	grey dust
-32	6	0.02	grey brown dust
-34	7	0.02	brown dust & qtz
-36	8	0.39	"
-38	9	1.35	yellow brown dust & qtz
-40	7770	0.81	brown dust
-42	1	0.17	"
-44	2	0.05	"
-45	3	0.13	grey brown dust

Hole Number	P 8
Collar Coordinates	
EASTING	489.05
NORTHING	918,636
REDUCED LEVEL	979,585
Dip	90°
Final Depth	40m

Percussion Drillhole 8

2-4	7774		rubble
-6	5	0.07	white brown dust
-8	6	0.01	brown dust
-10	7	0.01	yellow white brown dust
-12	8	0.10	brown grey dust
-14	9	0.06	"
-16	7780	1.02	dark grey dust
-18	1	0.03	white brown dust
-20	2	0.06	red brown dust & qtz (Si[illegible],
-22	3	0.04	red brown dust
-24	4	0.01	brown dust
-26	5	0.02	yellow brown dust
-28	6	0.47	red brown dust
-30	7	0.41	"
-32	8	0.42	"
-34	9	0.04	"
-36	7790	0.04	"
-38	1	0.03	grey brown dust
-40 (EOH)	2	0.03	"

Collar Number		P 8B
Collar Coordinates		
	EASTING	489.05
	NORTHING	916.636
	REDUCED LEVEL	979.585
Dip	90°	
Final Depth	46m	

Percussion Drillhole 8B

2-4		carb Ssm + fill
-6		red brn Ssm
-8		red grey Ssm
-10		grey Ssm
-12		red grey carb Ssm
-14		white brown Ssm
-16		white Ssm
-18		white brown Ssm ε chert
-20		red brown carb Ssm ε chert
-22	—	brown Ssm ε chert
-24	—	red brown Ssm ε minor go chert
-26	—	brn yell Ssm ε chert
-28	—	red brown go Ssm ε chert
-30	1.3	"
-32	1.49	brn Ssm, minor hematite + chert
-34	—	brn grey carb Ssm
-36	—	"
-38	—	"
-40	—	brn Ssm ε go chert
-42	—	brn Ssm ε minor chert
-44		brown Ssm
-46		lost air, no sample.

Hole Number		P 9
Collar Coordinates		
	EASTING	477,124
	NORTHING	865,356
	REDUCED LEVEL	977,986
Dip	90°	
Final Depth	61m	

Percussion Drillhole 9

0-2	7793	0.01	grey dust
-4	4	0.01	"
-6	5	0.07	"
-8	6	0.02	"
-10	7	0.02	"
-12	8	<0.01	"
-14	9	<0.01	grey purple dust
-16	7800	<0.01	"
-18	1	<0.01	grey brown dust
-20	2	<0.01	white brown dust
-22	3	<0.01	brown dust
-24	4	<0.01	"
-26	5	0.03	"
-28	6	<0.01	"
-30	7	<0.01	"
-32	8	0.05	brown white dust
-34	9	<0.01	"
-36	7810	<0.01	dark grey dust
-38	1	0.03	"
-40	2	<0.01	"
-42	3	<0.01	"
-44	4		grey brown dust
-46	5		brown dust
-48	6	0.48	brown red dust & qtz
-50	7	0.10	"
-52	8	0.07	"
-54	9	0.35	"
-56	7820	0.17	brown + grey brown dust
-58	1		green brown dust
-60	2		"
-61	3	0.71	"

Hole Number		P 10
Collar Coordinates		
	EASTING	475,968
	NORTHING	894,099
	REDUCED LEVEL	977,323
Dip	90°	
Final Depth	55m	

Percussion Drillhole ID

0-2	7824	0.05	grey dust
-4	5	0.07	"
-6	6	0.03	dark grey dust
-8	7	0.03	"
-10	8	0.03	"
-12	9	0.02	"
-14	7830	0.02	"
-16	1	0.12	"
-18	2	<0.01	"
-20	3	<0.01	pink brown dust
-22	4	<0.01	"
-24	5	0.09	"
-26	6	<0.01	dark grey dust
-28	7	<0.01	"
-30	8	0.08	"
-32	9	0.08	"
-34	7840	004	"
-36	1	0.03	"
-38	2	0.08	red brown and grey dust
-40	3	0.01	"
-42	4	0.01	white grey red brown dust
-44	5	0.04	red brown + grey brown dust
-46	6	0.06	red brown + green grey du
-48	7		dark grey + golden brown du
-50	8		green grey dust
-52	9		white brown dust
-54	7850	<0.01	grey brown dust
-55	1		water

Hole Number P 11

Collar Coordinates

Approximate collar location shown in Figure 2

Dip 90°

Final Depth 64m

Percussion Hole 11

0-2	7852	0.03	grey dust
-4	3	0.01	"
-6	4	0.03	"
-8	5	0.01	"
-10	6	0.01	"
-12	7	0.04	dark grey pink dust
-14	8	0.17	"
-16	9	<0.01	"
-18	7860	0.06	dark grey + brown dust
-20	1	0.02	grey pink brown dust
-22	2	0.06	red brown dust
-24	3	0.04	grey brown dust
-26	4	0.06	yellow grey brown dust
-28	5	0.04	"
-30	6	0.02	dark greybrown dust
-32	7	0.02	"
-34	8	0.02	dark grey dust
-36	9	0.04	dark grey pink dust
-38	7870	0.02	"
-40	1	0.01	grey brown dust
-42	2	0.01	greybrown dust ≤ qtz
-44	3	0.02 0.05	red brown dust ≥ qtz
-46	4	0.04	"
-48	5	0.10	"
-50	6	0.29	"
-52	7	0.07	"
-54	8	0.57	red brown dust
-56	9	0.68	"
-58	7880	0.11	"
-60	1	0.12	"
-62	2	0.03	green yel brown dust
-64 (EOH)	3	0.09	grey yellow brown dust

Hole Number	P 12
Collar Coordinates	Approximate collar location shown in Figure 2.
Dip	90°
Final Depth	46m

Pescueza Drillhole 12

0-2	7884	0.05	grey dust
-4	5	0.08	"
-6	6	0.03	orange dust (goeth)
-8	7	0.06	"
-10	8	0.13	"
-12	9	0.11	"
-14	7890	0.06	"
-16	1	0.06	red grey dust
-18	2	0.04	"
-20	3	0.11	"
-22	4	0.19	grey dust
-24	5	0.08	"
-26	6	0.07	"
-28	7	0.04	"
-29	8	0.01	"
-31	9	0.03	"
-33	7900	0.17	red brown dust (Sil)
-35	1	1.58	"
-37	2	0.26	"
-39	3	0.12	red grey brown dust
-41	4	0.11	"
-43	5	0.12	"
-46 (EOH)	6	0.01	green dust / HBd chips

DIAMOND DRILLHOLE COLLAR COORDINATES

BLACK ROCK

Fisher's Lode

Hole Number	D 1
Collar Coordinates	
EASTING	499.115
NORTHING	875.101
REDUCED LEVEL	978.793

Dip	90°
Azimuth	0°
Final Depth	35.10m

DDH 1 — FISHERS LODE

DEPTH	SAMPLE NO	AAL (g/t Au)
2-4	8131	0,08
-6	2	0,15
-8	3	0,17
-10	4	0,15
-12	5	0,26
- 13.80	8226	0,37
- 15.80	7	0,07
- 17.30	8	2,45
- 18.10	9	0,95
- 18.60	8230	1,00
- 19.60	1	0,95
30 - 22.80	2	1,01
24.30	3	0,36
24.80	4	2,25
25.10	5	1,86
25.40	6	0,97
- 25.80	7	5,52
- 26.20	8	0,70
26.50	9	0,10
26.80	8240	0,70
27.10	1	0,91
27.60	2	0,21
28.10	3	0,06
28.80	4	0,15
29.10	5	0,27
- 29.40	6	0,07
- 30.3	14318	0.04
- 30.8	9	0.25
- 31.8	14320	0.05
- 32.8	1	0.14
- 33.1	2	0.06
- 34.6	3	0.01

EOH = 35.10m

inclination: 90° (b/n P3 and P4)

FISHERS LODE
DDH 1

commenced 16.4.86

0-2m fill
2-4m sed 8131 0.08
4-6m Sed 8132 0.15
6-8m 20% 8133 0.17
8-10m sed 8134 0.15
10-12m Sed 8135 0.26

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (to LCA)	Jointing (to LCA)	Veining (to LCA)	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyrite	Fe-oxides (Lode)	Visible Gold	Sample No.	Au (ppm)	Description
				✓																	.12m Pre-collar. 12m - Fe stained veinlets (<1mm) perpendicular to bedding.
12.0	8.5cm 45%			Partially oxidised	35°		130°	Sed	▨										8226	0.37	quartz pebbles to 2cm c̄ minor Fe staining and cavities (<10%). White/grey siltstone c̄ thin (~2mm) carbonaceous beds at 35° to LCA. Minor offsets
13.80	69cm ~25%				30°				▨								▨	?	8227	0.07	and warping around quartz vein). 14.0m quartz lenses (~1cm thick) in sediment. ~14.80m intense Fe staining sediment above 10-15cm quartz vein. 1cm thick alternating greywacke/siltstone to more Fe stained quartz at ~16.00m
15.80	73cm 50%				30°				▨						5-10		▨		8228	2.45	Disseminated cavities often pyrite in sediment <1mm diameter. Fe stained interbedded siltstone and greywacke. Cavities 3-4mm long often tourmaline? Bedding at 30° to LCA.
17.30	45cm 55%								▨								▨		8229 / 8230	0.95 / [illegible]	17.40m. Angular Fe stained quartz + silicified sediment. 18.20m 10cm intense Fe stained greywacke. Moderate Fe staining to 21.50m
18.10	45cm 90%				30°																
18.60	10cm																		8231	0.98	Bleached (white) talcose sediment from 21.50-22.50m. 0% recovery due to un-seated inner tube. Well bedded siltstone c̄ v. fine greywacke beds to 1cm thick 35° to LCA.
19.60	10%																				
	0cm 0%																				
21.30	98cm 65%				35														8232	1.01	
22.80	102cm 70%								▨										8233	0.36	23.0m quartz pebbles, fragment of quartz lenses, 1-2cm thick, in sediment. Fine carbonaceous beds to 2mm thick interbedded c̄ clay and slightly gritty beds.
24.30	15cm 30%				38°														8234	2.25	24.30-24.80m pink clay core in well bedded sediment at 38° to LCA
24.80	13cm								▨										8235	[illegible]	25.10m. Silicified sediment around quartz lenses ~1cm thick. Minor cavities often pyrite?
25.10	4cm 13%									000						2			8236	0.97	
25.40	20cm 50%																		8237	5.52	
25.80	25cm 40%																		8238	0.90	26.50m Poorly bedded gritty sediment c̄ minor Cu (green) staining (<2%) along fractures.
26.20	31cm 105%						135	Sed											8239	0.10	
26.50	29cm 95%							MBb											8240	0.10	Fe stained veins 2mm thick 125° to LCA.. 26.70m - 27.50m. Poorly defined dolerite lense.
26.80	30cm 100%																		8241	0.91	
27.10	50cm 100%							Sed											8242 / 8243	0.21 / 0.06	
27.60	50cm 100%								▨										8244	0.15	Siltstone c̄ bedding at 30° to LCA. 28.00m thin <1cm qtz vein.
28.10	39cm 60%				30°												▨		8245	0.27	28.80m zone of Fe staining on dolerite contact.
28.80	37cm 100%							MBb											8246	0.07	
29.10	32cm 105%																		14318	0.05	29.70m Porphyritic dolerite (weathered) c̄ plagioclase laths to 1-2mm long
29.40	27cm 90%																				
29.70	33cm 126%																				chlorite and carbonate veins to 3mm thick 60° to LCA
30.00	30cm 100%							60°											14319	0.25	
30.30	50cm 100%																				
30.80	93cm 93%																		14320	0.05	31.0m 10cm zone yellow dolerite - weathered. 32.9m dolerite is ~70% talcose and chlorite c̄ minor biotite.
31.80	22cm 22%																		14321	0.04	
32.80	91cm 300%																		14322	[illegible]	Pink and green chloritised dolerite c̄ minor <2% Fe staining. Odd vein to 1mm
33.10	20cm 58%							45°											14323	0.01	thick 45° to LCA
33.80	63cm 80%																				Last 50cm no recovery - unseated
34.60	0cm 0%							MBb													inner tube. Green chlorite chips in wash - dolerite
35.10 EOH																					

Hole Number		D 2
Collar Coordinates		
	EASTING	500.381
	NORTHING	885.586
	REDUCED LEVEL	977.230
Dip	90°	
Azimuth	0°	
Final Depth	32.00m	

DDH 2 FISHERS LODE

DEPTH	SAMPLE NO	AAL (g/t Au)
0-2	—	
-4	81.36	0.06
-6	7	0.01
-7,2	14.326	0.10
-8,0	7	0.02
-8,84	8	0.26
-9,14	8351	2,45 (2,15)
9,44	2	0,13
9,74	3	0,06
10,04	4	0,06
10.34	5	0,05
10.57	6	0,07
10.77	7	0,08
11.0	8	0,24
11.3	9	0,47 (0,43)
11.91	8360	0,12
12.1	1	0,06
12.4	2	0,08
12.7	3	0,28
13.0	4	0,22 (0,24)
13.3	5	0,02
13.6	6	0,21
13.8	7	0,29
14.0	8	0,10
14.3	9	0,05
14.6	8370	0,48
15.0	1	0,23
15.5	2	0,06
16.0	3	3,37
16.5	4	4,09
17.0	5	12,30 (8,31)
17.5	6	0,83

DDH 2 cont

EPTH	SAMPLE NO	AAL (g/t Au)
5-18.5	8377	0,06
-19.5	8	2,32 (2.18)
-20.5	9	1,24
-21.5	8380	0,17
-22.5	1	0,20
23.5	2	0,26
24.5	14324	0,16
25.8	5	0,71
26.0	14329	0,43
27.5	14330	0,48
29.0	1	0,15
30.2	2	0,09
31.0	3	0,07

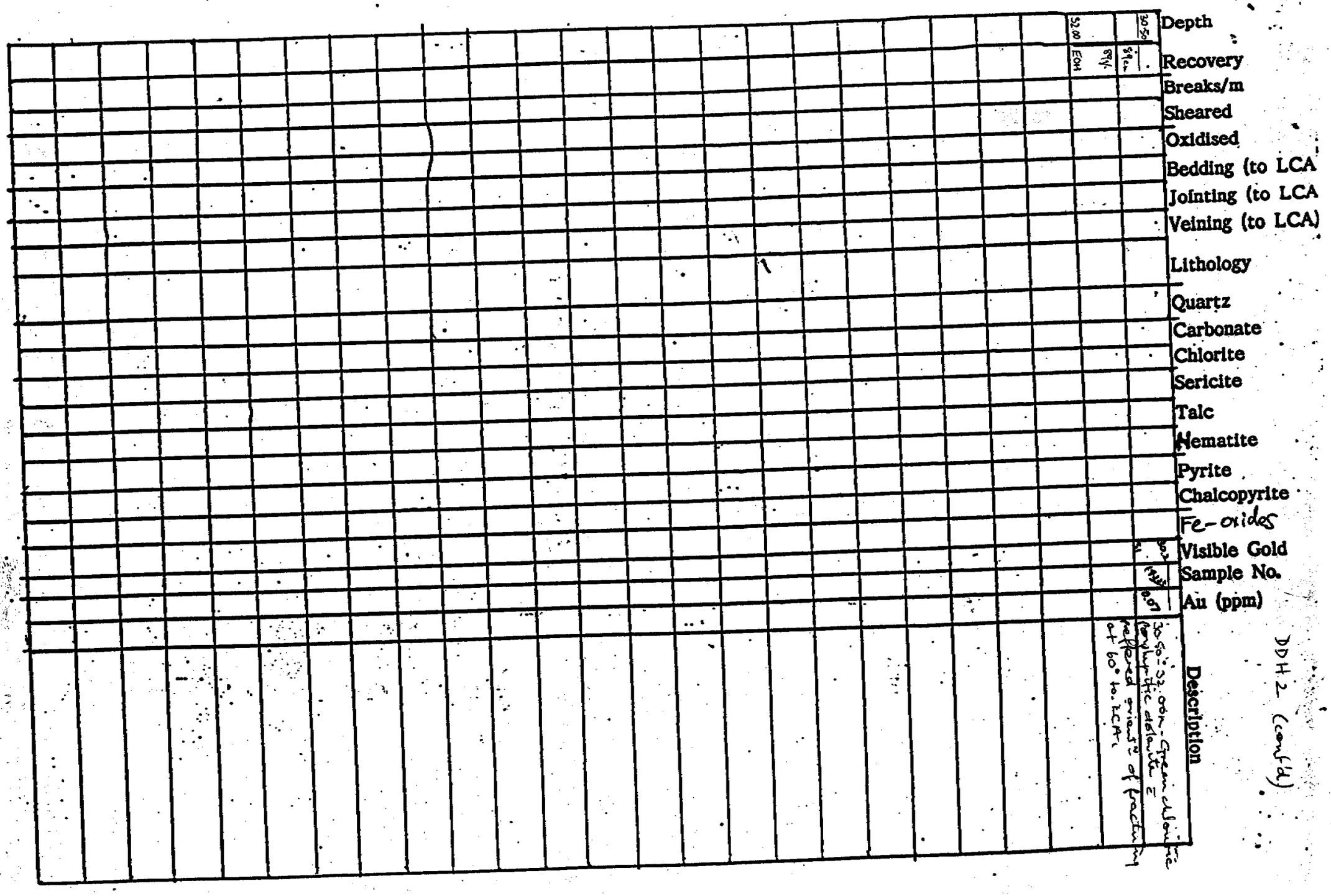
OH = 32.00m

commenced: 19.4.86

FISH D2 (vertical: 10m south of P4)

Precollar 6m
0–2m fill no sample taken
2–4m 0.06 ppm 8136 siltstone ē 2% qtz
4–6m 0.01 EE8137 siltstone ē 5% qtz

Depth	Recovery	Oxidised	Bedding (to LCA)	Veining (to LCA)	Lithology	Quartz	Sample	Au	Chalcopyrite	Sample No.	Au (ppm)	Description
6.0										19326	0.10	Quartz vein (~1cm thick) ē shear clay in black carbonaceous siltstone. Alternating carbon-rich carbon-poor bands ≤1cm thick = bedding
6.30	25cm 80%		35°		sed							
6.60	24cm 79%											
6.90	30cm 100%											
7.20	28cm 90%									19327	0.02	at 35° to LCA. Same sediment to 9.50m
	70cm 95%											
8.00		Partially Oxidised								19328	0.26	
8.50	41cm 82%						8138	0.15				8.84m slight Fe staining on well bedded siltstone. Slight brecciation
8.84	34cm 100%									8361	2.30	and micro faults around silicified
	27cm 86%						8139	0.15		8362	0.12	lens. 9.74m quartz lense 1.5cm
9.14	27cm 86%									8353	0.06	thick at 30° to LCA.
9.44	26cm 85%		38							8354	0.06	
9.74	31cm 100%						8140	0.25		8355	0.05	10.20m–10.50m Intense Fe alteratn. Almost 100% bedded (30° to LCA) Fe oxi...
10.04	30cm 100%						8141	0.24		8356	0.07	10.70m – quartz lenses ~5cm long and orient is 30° o(LCA)
10.34	30cm 100%									8357	0.05	
10.57	12cm 60%									[illegible]	[illegible]	
10.77	20cm 100%						8142	0.26		8359	0.45	1–3cm thick occur to 12.40m. Host siltstone is Fe stained and
11.00	31cm 105%						8143	0.17		8360	0.12	cavities after pyrite? are zoned concentrically around qtz lenses
11.30	0% 0cm											
11.60	18cm 60%											
11.90	20cm											
12.10	23cm 75%		32	30°			8144	3.04		8361	0.06	12.40–13.00m Intense Fe staining and well bedded cavities after Py?.
12.40	15cm 75%						8145	0.46		8362	0.06	Bedding at 32° to LCA.
										8363	0.28	
12.70	30cm 100%									8364	0.83	
13.00	30cm 100%						8146	0.17		8365	0.02	13.00–13.50m. Clay alteratn yellow, red and black in more
13.30	30cm 100%						8147	0.53		8366	0.23	Fe stained beds.
13.60	18cm 60%									8367	0.29	
13.80	14cm 50%									8368	0.40	
14.00	25cm 83%						8148	0.06		8369	0.05	
14.30	15cm 50%						8149	0.30		8370	0.45	
14.66										8371	0.23	
15.00	25cm 59%											
15.50	20cm 40%						8150	0.21		8372	0.06	15.00–15.30m well bedded fine grained greywacke
	27cm 54%						8151	6.5	1	8373	3.39	
16.00							8152	6.0	2/1	8374	4.07	16.00m quartz lense at least 3cm thick ē Fe stained
16.50	20cm 40%						8153	9.4	2/5	8375	10.3	cavities. Sediment below is
17.00	40cm 80%						8154	3.7		8376	0.23	strongly hematitic ē slight green staining (<2%)
17.50	51cm 102%		40°				8155	3.6		8377	0.06	17.30m–19.00m bleached white sed. cont
	90cm											
18.50	90%			35° 120°			8156	1.96		[illegible]	[illegible]	18.80m Quartz lenses at 35° to LCA zone up to 5cm thick. At 18.20m cross cutting vein, 5mm thick
	54cm						8157	0.95		8378	2.59	120° to LCA
19.50	84%			120°			8158	0.8				
	76cm						8159	1.14		8379	1.24	15.5–20.50 5m @ 2.57
20.50	76%						8160	0.40				
	46cm						8161	0.25		8380	0.57	
21.50	46%						8162	0.22	1			
	45cm						8163	0.11	3	8381	0.20	
22.50	45%						8164	0.21	5			
	79cm						8165	0.22	5	8382		
23.50	79%						8166	0.41	5		0.25	23.40m Fe stained, pyritic clay smeared and deformed
	102cm						8167	0.26	1	25		
24.50	102%				MBb		8168	0.25	1	193	0.16	qtz lense ~7cm thick cross-cutting bedding. 24.00m Pyritic qtz vein ~1cm thick at 80° to LCA. 24.40m Bleached dolerite
	126cm						8169	0.30	3			
	80%						8170	0.30	2	19325	0.71	1.5m below contact (white to light green). Dolerite contains up to 3% Fe stained cavities after Py
26.00							8171	0.30	1	252	0.83	
	127cm								1 / 2	19329	0.98	26.45–27.70m Zone of Fe staining ē strong hematite 2...
	80%								5			10cm thick at 26.50 and qtz veins at 26.80 and 27.00m.
27.50												
	130cm									19331	0.15	
	84%											
29.00										19332	0.09	29.50–30m ferruginized veinlets to 3mm at 60–80° to LCA.
	134cm											
	85%											


Depth
Recovery
Breaks/m
Sheared
Oxidised
Bedding (to LCA
Jointing (to LCA
Veining (to LCA)
Lithology
Quartz
Carbonate
Chlorite
Sericite
Talc
Hematite
Pyrite
Chalcopyrite
Fe-oxides
Visible Gold
Sample No.
Au (ppm)
Description
DDH 2 (cont'd)

Hole Number		D 3
Collar Coordinates		
	EASTING	495.824
	NORTHING	838.255
	REDUCED LEVEL	979.840
Dip	90°	
Azimuth	0°	
Final Depth	32.25m	

DDH 3 FISHERS LODE

DEPTH	SAMPLE NO	AAL (g/t Au)
1 – 2	8172	
– 4	3	
– 6,15	4	
– 7,5	14334	0.14
– 8.7	5	0.06
– 9,2	6	0.06
– 9,7	8387	0,04
– 10,2	8	0,02
– 10,75	9	0,03
– 11,25	8390	0,03
12,25	1	0,03
– 13,25	2	0,07
– 13,55	3	0,02
14,25	4	0,08
14,75	5	0,05
15,75	6	0,04
16,75	7	0,04
17,35	8	0,01
18,05	9	0,06
18,55	8400	0,04
19,75	1	0,01
21,25	2	0,02
22,75	3	0,51
23,65	4	0,94
23,95	5	8,50
– 24,45	6	0,82
25,75	7	0,17
26,55	8	0,20
27,3	9	0,08

EOH = 32,25

commenced 22.4.86

FISH D3

inclined - vertical: 20m S of FISH D2

6m precollar

Sample No.

0-1m fill. no sample

8172 1-2m 40% clean qz, 60% carbonaceous siltstone

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (to LCA)	Jointing (to LCA)	Veining (to LCA)	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc (Sludge Sample)	Hematite (Sludge Assay)	Pyrite %	Chalcopyrite	Fe-oxides	Visible Gold	Sample No.	Au (ppm)	Description
																					8173 2-4m siltstone 8174 4-6.15m Fe stained siltst 50%
6.15 6.50	35cm 60%							sed					8175						[illegible]	0.14	6.15m grey carbonaceous siltstone c minor Fe staining well bedded 1cm thick at 30° to LCA
7.00	39cm 78%				30°								8176								
	38cm 76%												8177 8178		2						7.50-7.60m Well-bedded sediment <2% cavities after Py
7.50	24cm 33%			oxidised									8179						[illegible]	0.06	
8.20 8.70	41cm 82%												8180						[illegible]	0.04	
	45cm 90%												8181		2		///		8387	0.04	gossanous
9.20 9.70	34cm 68%												8182		2		///		8388	0.02	9.90-11.10m Zone of quartz lenses c to 2cm thick (qz = 50% of rock) c ferruginous sediments between. lenses generally conformable to bedding at 30° to LCA
	39cm 78%			partially oxidised					ooo				8183		5 10		///		8389	0.03	
10.20 10.75	42cm 70%				30°				ooo				8184		4		///		8390	0.03	11.30-11.50m large quartz lens ~10cm thick c intense ferruginous alteration in adjoining sed. Some green-blue staining: cavities after Py at ~2% in qz but strongly developed in adjoining sed (<10%).
11.25	46cm 92%								///				8185 8186		3 1		///		8391	0.04	
	73cm 73%												8187		2		///				
12.25	85cm 85%												8188		4				8392	0.07	
					25				///				8189	0.09	4				8393	0.02	13.18m large qz lens again c bedding 25° to LCA.
13.25 13.55	103cm 33%								///				8190	0.06	2				8394	0.08	
	31cm												8191	0.06	2				8395	0.05	14.75m Zone of intensely ferruginous siltstone c cavities after Py 5-3mm diameter contained in bedding 28° to LCA
14.25 14.75	43% 35cm 70%				28°			TTTT					8192	0.06	4		///				
	78cm 78%							TTTT					8193	0.16	4		///		8396	0.09	15.50m LOST WATER RETURN
15.75													8194	0.10	5		///				Fe-staining extends past 16.75 to 17.90m. Fine crystals of tourmaline ? appear to be
	90cm														5		///		8397	0.01	
16.75	90%				28°										4		///		8398	0.01	associated with Fe stained zones.
	86cm							TTTT							5 2		///		8399	0.06	
17.35	55cm														1				8400	0.09	18.20-21.50 zone of bleached white sediment. Bedding at 30° to LCA.
18.05	60cm				30°										1						
18.55	84cm														1				8401	0.01	
19.75																					
	92cm																		8402	0.02	
21.25																	///		8403	0.51	22.0-23.80m Zone of Fe stained sediment.
22.75	81%																///				
															2				8404	0.44	
23.65	94%														2				8405	5.2	
23.95	95%														4				8406	0.37	24.10-24.45 Zone of bleached white sediment with cavities to 2mm in diameter after Py
24.45	95%														6				8407	0.37	
															4						25.50 few qz lenses <3cm thick below 30cm thick
25.75	95%														2						silicified zone 24.90-25.20m.
															1				8408	0.20	
26.55	78%							Sed											8409	0.06	
27.30	95%							MBb													27.25m contact b/w sediment and green chloritic porphyritic dolerite.
	97%																				28.75-29.30 zone of minor Fe-staining in dolerite
28.75																					
29.55	90% 0%																				

P3

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (tc	Jointing (tc	Veining (to	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyr	Fe-oxide	Visible Gc	Sample Nc	Au (ppm)	Description
30.65	0%																				chloritic metadolerite persists to EOH.
31.75	90%																				
[illegible]	[illegible]																				
EOH																					

DDH3-2 1

Hole Number		D 4
Collar Coordinates		
	EASTING	497.500
	NORTHING	894.300
	REDUCED LEVEL	978.530
Dip	90°	
Azimuth	0°	
Final Depth	43.8m	

DDH 4 FISHERS LODE

DEPTH	SAMPLE NO	AAL (g/t Au)
-2	8195	0.08
-4	6	0.02
-6	7	0.02
-8	8	0.02
-10,10	9	0.08
-10,8	14337	0.05
-11,75	8	0.05
-12,8	8410	0,09
13,8	1	0,65
-14,8	2	1,59
15,8	3	0,37
16,8	4	0,08
18,3	5	0,32
19,3	6	0,35
19,8	7	0,08
20,8	8	0,06
21,8	9	0,09
22,6	8420	0,28
23,6	1	0,28
24,5	2	0,08
25,8	3	0,08
26,5	4	0,10
27,1	5	0,11
27,8	6	0,27
28,0	7	0,46
28,8	8	0,21
-29,4	9	0,14
30,7	8430	0,11
-31,1	1	13,40
-31,3	2	18,90
-31,8	3	12,20
-33,2	4	9,37

DDH 4 cont

DEPTH	SAMPLE NO	AAL (g/tAu)
33,2 - 33,5	8435	0,124
34,35	6	0,94
35,4	7	0,44
36,5	8	3,75
37,8	9	3,04
39,3	14339	0.49 (0.17)
40,8	14340	0.12
42,3	1	0.08
43,8	2	1.01

Commenced 24.4.86

Fishers Lode D4
10 m Precollar
0–1 m no sample
sample No 8195 1–2 m 0.08
8196 2–4 m 0.02
8197 4–6 m 0.02
8198 6–8 m 0.02
8199 8–10 m 0.08
1–10 m grey white brown

FISH DDH4

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (to	Jointing (to	Veining (to	Lithology	Quartz	Carbonate	Chlorite (Sample No.)	Sericite (Assay)	Talc	Hematite	Pyrite	Chalcopyrite	Fe-oxides	Visible Gold	Sample No.	Au (ppm)	Description
10.10								Sed			8200	0.07	2						1437	0.05	10.10–10.30 Bleached siltstone
10.80	95%										8201	0.04	10								clay veins network (10.90–11.50) to 2cm thick. Atleast
					35					95	8202	0.01	15		1				1439	0.05	2 generations, one // with bedding at 35° to LCA.
11.75	95%									5	8203	0.08	2		1						
									o o o	40	8204	0.12		///	2				8410	0.09	Zone of Fe stained sediment from 12.00 – 13.80m. Siltone
12.85	100%								o o o	25	8205	0.24		///	2						deformed especially around
									o o o	10	8206	0.54		///	3				8411	0.65 0.58	massive chert nodules (quartz lenses) up to 5cm thick.
13.8	100%								o o o	10	8207	0.49		///	2						
									o o	15	8208	0.30			1				8412	1.59 1.47	14.00. Small zone of (10cm) network ferruginous veins
14.8	100%								o o	20	8209	0.34		///	1						to 3mm thick in talc.
									o o	10	8210	0.78		///	5				8413	0.37	14.80–17.30m deformed (tight to open folds) Fe stained
15.8	100%								o o	8	8211	0.10		///	5						siltstone associated with chert
	126cm 80cm								o o	20	8212	0.02		///	5				8414	0.08	nodules. Nodules still conformable with bedding
16.8									o o	20	8213	0.15		///	8						at random orientation to LCA
	126cm									2	8214	0.10		///	4				8415	0.32	Siltstone is very clay rich.
										2	8215	0.30			2						
18.3					48°						8216	0.19			1						18.00–24.00m. Zone of siltstone chloritic sediment undisturbed
	80%										8217	0.34			4				8416	0.35	bedding at 30° to LCA. (30°–50°)
19.3											8218	0.10			4						minor Fe staining and
19.8	80%										8219	0.12			4				8417	0.08	cavities after pyrite along bedding.
	50%										8220	0.06			3				8418	0.06	
20.8					45°						8221	0.07			3						
	54%										8222	0.19							8419	0.09	
21.8											8223	0.14									
	38cm										8224	0.17							8420	0.28	
22.6	56%									95	8225	0.15									
23.6					30°					1 15 15									8421	0.28	
	60%																				
24.5									o o o	20					1				8422	0.08	
									o o	15					3						
	106cm				30			T T T	o o	15				///	10				8423	0.08	25.00–25.50m Intensely Fe stained sediments
25.8									o o	12				///	20						chert nodules associated
									o o	5					20				8424	0.10	& v. small crystals of
26.5	31cm				45				o o	5					5				8425	0.11 0.16	tourmaline? (TTT) 20–30% v fine bedded
	47cm																				cavities after py in places
27.1					35			T T T T	o o	20				///	30				8426	0.27	Siltstone is very well bedded
27.8	55cm								o o	10				///	20						and very fine grained red brown
28.0	57cm									5					10				8427	0.96	28.80–28.90 clay zone
28.8										1					5						
29.4	45cm														5				8428	0.21	29.50–29.60 red brown clay zone
	107cm														15				8429	0.14	
															15				8430	0.11	30.30. Quartz + ferruginous veins to
30.7															10				8431	13.4	
	24cm														5				8432	16.25	3mm thick perpendicular
31.1	20cm				45														8433	12.20	to bedding at 45° to LCA
31.3	32cm														5						
31.8															2				8434	9.37	laminated 30.3 – 32.5
	144														2						32.5 → massive textured,
															1				8435	0.24	qtz-mica mudstone, bleached,
33.2 / 33.5	.33 / .55														1				8436	0.96	

Fish DDH 4

FISK D4

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (t	Jointing (t	Veining (tc	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyr	Fe-oxide	Visible Go	Sample N	Au (ppm)	Description
34-35 .54									5										8437	0.44	
35.4 .83																	2		8438	3.75	
36.5 1.22																	8				36.3 — 37.8 Sc Fe-oxides after sulphide disseminated in 0.5-5mm clots. May weakly define lamination.
37.8																			8439	3.04	
1.53																			14339	0.49	37.8 – 39.2 mb or massive textured chl-act. sed
39.2 1.44																					39.2 → weakly laminated, own weathered sed, probably
40.8																			14340	0.12	arg. chl.-act sed.
1.50									(sug) 5								3		14341	0.08	sugary qz (sug)
42.3								✓													41.8 → ScF ≡ ... laminations defined by Fe-oxides after sulphides.
43.8 EOH																			14342	0.99	

Hole Number	D 5
Collar Coordinates	
EASTING	490.565
NORTHING	819.340
REDUCED LEVEL	980.230
Dip	90°
Azimuth	0°
Final Depth	35.0m

DDH 5

DEPTH	SAMPLE NO	AAL (g/t Au)
3.9-4.8	14343	0.06
- 6.3	4	0.04 (0.02)
- 7.8	5	007
- 9.0	6	0.54 (0.57)
9.7	7	0.21
10.8	8	0.36
12.3	9	0.70
13.2	14350	0 38
13.8	8440	0,24
14.7	1	0,08
15.8	2	0,08
16.8	3	0,19
17.4	4	0,14
18.05	5	0,12
18.7	6	0,16 (0,12)
19.8	7	0,34
20.8	8	0,50
22,0	9	0,46
22.8	8450	0,35
24,3	1	0,24
24,8	2	0,14
25.8	3	2,57
27,3	4	3,18 (2,65)
28,7	5	1,10 (0,99)
30,1	6	1,08
31,6	7	0,29
33,3	8	0,13
- 34.2	14351	0.10
- 35.0	2	0.05

EOH = 35.0 m

FISH 05

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (to	Jointing (to	Veining (to	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyrite	Fe-oxides	Visible Gold	Sample No	Au (ppm)	Description
3.9								[illegible]													precollar 3-4m 8247 3.9-6.2 cSsm, grey
.57 4.8								cSsm											19393	0.06	partially bleached, only weakly bedded
1.44					20														19394	0.03	
6.2 1.46					0																6.2 – 13.2 cSsm, grey partially bleached. Bedding laminations defined by
7.80																	5		19395	0.07	0.5-5mm clots of sulphide 13.2 – 13.8 ? brecciated 13.5 – 15.8 Sif laminations
.89 9.0																	5		19396	0.06	defined by Fe-oxides after sulphides, quartz + weathered chl/echnolite
.73 9.80					25												5		19397	0.17	Sugary quartz pods occur as pods + lenses 1–10cm thick
.90 10.80																	5		19398		
1.45								✓									10		19399		
12.30 .74																	10		19350		
13.20 .67 13.80					30			cSsm	5								15		8440	0.29	
.87 14.70								Sif/Ssm	30								20		8441	0.04	
1.0 15.50									30								20		8442	0.09	15.8 – 16.8 brecciated fragments angular 0.5-5cm.
.87 16.50									15								10		8443	0.19	15.8 – 20.4 massive textured qtz-mica sediment
.21 17.4																			8444	0.14	
.58					58														8445	0.12	
18.05 .78 18.70																			8446	0.14	
.74 19.80																			8447	0.3	
.93 20.80					42												5		8448	0.50	20.4 – 24.5 laminated Sif lamination defined
1.48 22.0					60												5		8449	0.46	by Fe-oxides + qz
.60 22.5																	5		8450	0.35	~~22~~ –
1.17																	4		8451	0.24	
24.2 .41 24.5																	2		8452	0.14	24.5 – 30.5 massive textured qtz-mica Ssm ē no bedding
1.02 25.8									2								15		8453	2.57	occasionally defined by sugary quartz + Fe-oxides. Incipiently brecciated
1.22									2								5		8454	2.91	in places by Fe-oxide veins
27.3 1.28																	1				

DS

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (t	Jointing (t	Veining (t	Lithology	Quartz	Carbonat	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyr	Fe-oxid	Visible G	Sample N	Au (ppm)	Description
28.7					52				1								3		8455	1.04	
1.09									5								4		8456	1.08	29.2–32.1. Sst c laminations defined by [illegible]-oriented [illegible]
30.1 1.37									2								8		8457	0.29	[illegible], + quartz. Sugary quartz [illegible] are 2–4cm
31.60					42																
1.54								Sst/Sil									5		8458	0.13	
33.3 ·67							70	Hbd									2		14351		massive textured ?Hbd ~ 1-2cm quartz veins
34.2 ·55																	3				
35.0 EOH																			14352		

Hole Number	D 6
Collar Coordinates	
EASTING	489.046
NORTHING	919.636
REDUCED LEVEL	979.585
Dip	90°
Azimuth	0°
Final Depth	70.50m

DDH 6 FISHERS LODE

DEPTH	Mt. Bonnie (g/t Au)	AAL (g/t Au)
0-3	0.02	
-6	0,02	
-9	0,02	
-12	0,02	
-15	0,02	
-18	0,02	
-21	1.17	
-24	0.02	
25.2	0,83 (0,86)	0,12
25,8	3,16 (6,46)	0,13
27,3	0,60 (0.57)	0,16
28,5	1,38 (0.94)	0,19
30.0	0,64 (0.82)	0,20
30,5	0,79 (092)	0,32 (0,38)
31.5	1,13 (1.25)	0,44
32.7	0,64 (0.63)	0,24
34.2	4,38 (17,59, 4 98)	6,98
36.3	1,98 (1.97)	
37.5	1,95 (2 36)	1.32
39.0	2,58 (10,22, 2.53)	2.63
40.50	0,42 (0 50)	0,06
42.00	0,39 , 042	0,02
43.2	0,07, 0.05, 0.24	0.06, 0.08
4450	0.05, 0.19	0.12, 0.08
-46.0	0.06, 0.36	0.12, 0.15, 0.04
-47.4	0.20	0.22
-48.0	0.20	0.07, 0.14
48.5	0.06, 056	0.29, 0.14
48.7	0.17, 0.21	0 09
49.1	0.10, 033	0.04, 0.09
49.4	0.02, 0.18	0.06, 0.16
50.3	0.08, 0.09	0.08, 0.05

DDH 6 cont

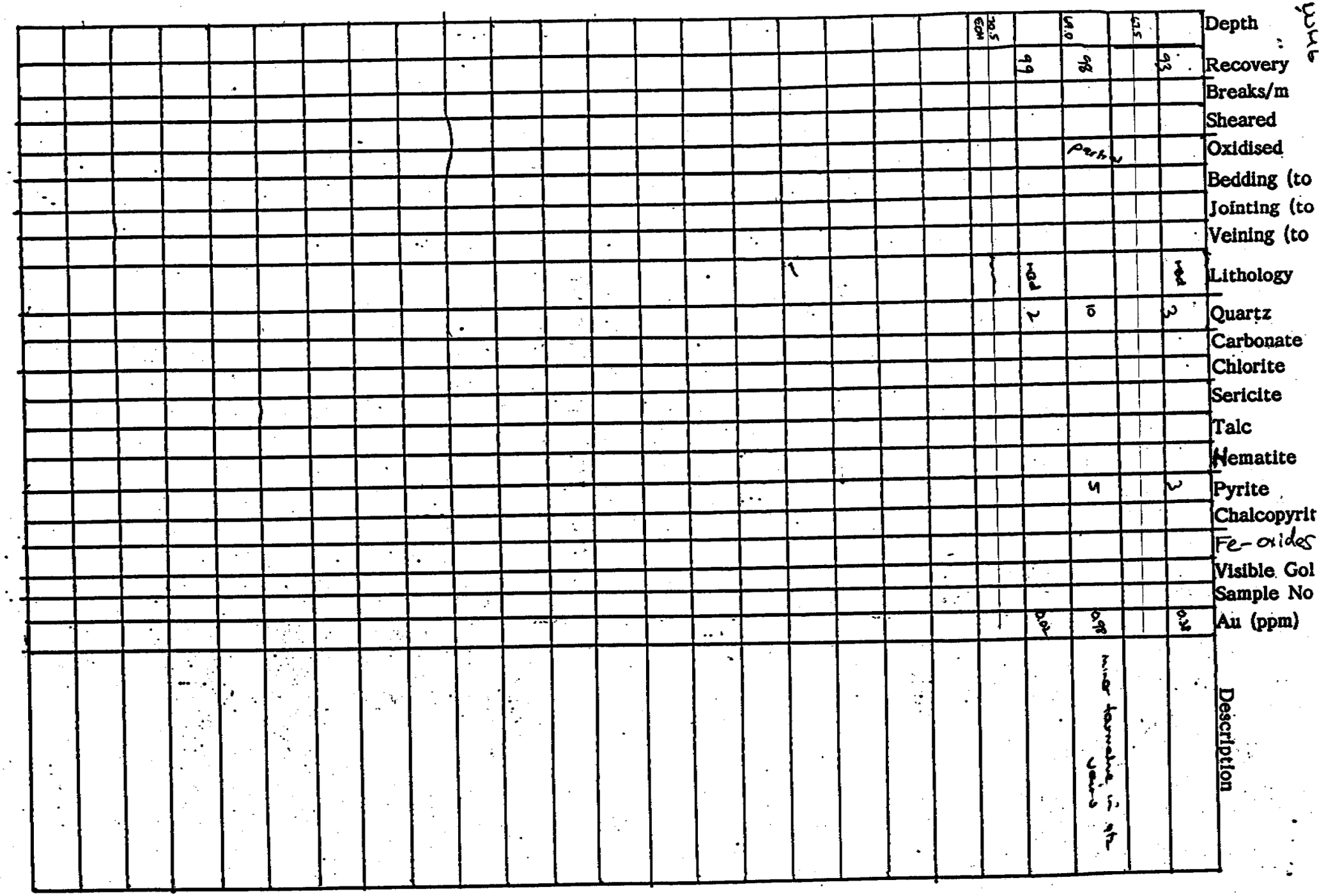
EPTH	Mt. Bonnie (g/t Au)	AAL (g/t Au)
.3 - 51.4	0.06	0.04, 0.06
- 52.3	0.04, 0.03	0.16, 0.24
52.8	0.05, 0.02	0.16
53.5	1.42, 0.08	2.46, 2.17, 1.74, 2.2
54.7		6.59
56.3		0.56
57.3		1.32
58.5		0.52
60.0		4.56
61.5		0.45
62.5		1.04
63.0	7,98 , 6.23	0,27
64.5	0,23 , 0.11	
66.0	0,45 , 0.42	0,35
67.5	0,52 , 0.31	0,40(0.37)
69.0	0,99 , 0.98	1,06 , 0.90
70.5	0,17 , 0.17	0,02

70.5m

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (to	Jointing (to	Veining (to	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyrite	Fe-oxides	Visible Go	Sample No	Au (ppm)	Description
0																				0.02	
3																				0.01	
6																				0.01	
9																				0.01	
12																				0.01	
15																				0.01	
19																				0.02	
21																				1.17	
24																				0.01	0-24 percussion
	91							Sil? Sug		5					<5					0.14	
25.2 25.5	75			/						10					<5					0.13	
	89			/	30					8					10	?				0.16	
27.3																					
	96			/	40				5	15					>10	?				0.19	
28.5																					
30.0	98			/	45				10	10					>10	?				0.20	
30.5	65							Sil. Sug		10					10	?				0.36	
31.5	82			/				Sil		5					10	?				0.49	
32.7	90			/	22					5					>10	?				0.29	
	95			/	40					2					5	2				6.98	
34.2																					
	94			/											5	?				1.97	
36.3																					
37.5	89			/	35										10	?				1.30	
39.0	97			/	32			Sil	5						10	?				2.63	
	100							rock												0.06	
40.5									5												

DUH6

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (tc	Jointing (tc	Veining (to	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyr	Fe-oxides	Visible Go	Sample Nc	Au (ppm)	Description
43.0								MBA												0.02	
				/				S.C												0.07	
43.5																				0.10	was con assayed not logged in detail
44.5				/																	
46.0				/	35															0.10	
																				0.22	
47.4																				0.10	
48.0				/																0.22	
48.5																				0.09	
48.7																				0.04	
49.10																				0.11	
49.4				/																0.06	
50.2																				0.05	
51.4				/																0.29	
52.3				/																0.16	
52.5																				2.19	
53.5				/																	
54.7	88			/	45										7					6.59	
	90			/	45				3						2					0.56	
56.30																					
	95			partly					5	10					<5					1.32	
57.3																					
	101									8					<5					0.32	
58.5																					
60.0	98				42				5	10					10	2				4.56	
	95			partly	40				5						10	2				0.45	
61.5																					
	90							S.C	8	2					5					1.04	
62.5																					
63.0	100							mod	20						5					0.32	
	96								5						5					0.11	
64.5																					
								mod													
66.0	102				40			SS		3					15	2				0.38	


Depth
Recovery
Breaks/m
Sheared
Oxidised
Bedding (to
Jointing (to
Veining (to
Lithology
Quartz
Carbonate
Chlorite
Sericite
Talc
Hematite
Pyrite
Chalcopyrit
Fe-oxides
Visible Gol
Sample No
Au (ppm)
Description

Hole Number		D 7
Collar Coordinates		
	EASTING	490.021
	NORTHING	946.423
	REDUCED LEVEL	981.312
Dip	90°	
Azimuth	0°	
Final Depth	85.50m	

DDH 7 FISHERS LODE

DEPTH	SAMPLE NO	Mt. Bonnie (g/t Au)	AAL (g/t Au)
- 3		0,02	
- 6		0,02	
- 9		0,02	
- 12		0,02	
- 15		0,02	
18		0,02	
21		0,02	
24		0,02	
25		1,93, 1.08, 2.31	0.04
26.3		0,20, 1.32	0.03
27.5		0,19, 0.31	0.04
28,3		0,19, 0.17	0.20
29,1		0,31, 0.62	0.23
31,5		8,28, 8.48, 10.81	15.50
32.9		6,42, 11.62, 7.12	7,23
34,1		9,7, 0.85, 0.02, 6.83	6,72
35,4		9.34, 9.32	9,11
37,0		2,71, 2.03	2,70
38,5		1,67, 0.78	2,15
40,1		0,90, 0.83	1,24
41,5		1,94, 1.51	1,32
43,5	14305 6	0,15, 0.02	0,14 0,10 , 0.07 [40,10 40,70] 0,09
45,0	7	0,46, 0.41	0,09, 0.07
46,5	8	13,08, 8.31	0,20, 0.18
48,0	9	0,66, 0.32	0,19, 0.26
49,5	14310	0,46, 6.11	0,11, 0.07
- 50,5	1	7,99, 0.13	0,05, 0,06
- 51,8	2	0,40, 0.14	0,07, 0,11
53,0	3	0,10, 0.06	0,11, 0,15
- 53,4	4	19,42, 0.11	0,04, 0,16
- 55,0	5	15,26, 9.98	0,33, 0,10
- 56,5	6	12,24, 8.76	0,23 (0,30),

DDH 7 cont

PTH	SAMPLE NO	Mt. Bonnie (g/t Au)	AAL (g/t Au)
5-58,0	14317	1,34 (0,46) (0,03), 0.09	0.08
59,5		0,26, 0.04	0.28, 0.05
61,0		0,40, 0.02	0,14
62,5		0,08	1,96
64.0		1.87 (1,73), 1.43	1,82
65,5		0,12, (4,18), 3.61	4,09
66,5		6.00, (1,18), 0.32	1,77
67,7		1,65, (0,41), 0.11	0,40
68,9		0,56, (0,15), 0.02	0,21
70.2		1,60 (2,14) (0,32), 2.10	0,71
72.0		0,61, (2,53), 2.17	1,82
73,5		3.38 (17,05) (9,12), 10.18	3.06
74.9		0,42 (0,58) (10,31), 0.03	0.05
76,5		0,26 (0,09) (2,52), 0.14	0.20
78,0		0,46 (0,90), 0.02	0.12

DDH

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (to	Jointing (to	Veining (to	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyrite	Fe-oxides	Visible Gold	Sample No.	Au (ppm)	Description
0–3																				0.02	
3–6																				0.02	
6–9																				0.02	
9–12																				0.02	
12–15				/																0.02	
15–18																				0.02	
18–21				/																0.02	
21–24				/																0.02	0-24 percussion
24–25.0					40			SiCE / Sm		5					10					1.04	
25.0–26.3										10					7-10					1.03	
26.3–27.5				/	35					15					10					0.04	
27.5–28.3										10					10					0.20	
28.3–29.1				/					2						5-10					0.23	
29.1–31.5				/						5					10					1.55	
31.5–32.8					35			SiCE / Sm		10					>10	?				7.33	
32.8–34.1				/	35			Sif		10					10	?				6.72	
34.1–35.4				/						>10					5-10	?				9.11	
35.4–37.0				/	45					10					5-10	?				2.70	
37.0–38.5									1						5-10	?				2.15	
38.5–40.1				/				Sif / Msd	5						5-10	?				1.04	
40.1–41.5				/	42			Sif / MSd							5	3				1.22	

DDH7

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (to	Jointing (to	Veining (to	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyrite	Fe-oxides	Visible Gold	Sample No.	Au (ppm)	Description
								TOA												0.14	
42.5																				0.01	
				✓																0.03	
45.0																					
				✓																0.14	
46.5																					
									5						3-5					0.33	
48.0				✓																0.05	
49.5																					
50.5								1												0.07	
51.8				✓																0.07	
53.0																				0.5	
53.4																				0.10	
									20						2					0.21	light coloured, f.gr massive Hbd ± thin
55.0				✓																	(5-10cm) qz-PG veins.
									3						5					0.25	+
56.5																					
				✓					1						3					0.02	
58.0																					
								Hbd	1						5					0.16	
59.5																					
								S.F													
				partial	0				5						5					1.96	
61.0																					
					28				5						7						
63.5																					
					40										5	1				1.82	
64.0																					
				partial					5						5-10	3					
65.5																					
									10						5						

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (	Jointing (	Veining (t	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopy	Fe-oxid	Visible G	Sample	Au (ppm)	Description
67.7																				0.49	
69.7					35				2						2					0.21	
					40			SCF	4						5-10	1				0.91	
70.5																					
72.0									2	5					5	1				1.93	
										2					5	5				3.04	
72.5								SCF													
74.7								MBX	1						2					0.05	
								SCF		4					5	3				0.20	
76.5																					
78.0															5	4				0.12	
79																					
80								MBX													
81																					
82																					
83																					
84																					
85																					
85.5 EOH																					

Hole Number		D 8
Collar Coordinates		
	EASTING	491.010
	NORTHING	973.029
	REDUCED LEVEL	982.300
Dip	90°	
Azimuth	0°	
Final Depth	111m	

DDH 8 FISHERS LODE

DEPTH	SAMPLE NO	Mt. BOWIE (g/t Au)	AAL (g/t Au)
4,0 - 25,5	14 201	0,13	0,04
- 27	2	0,13	0,08 (0,07)
- 28,9	3	0,22	0,17 (0,11)
- 31,0	4	0,31	0,30 (0,21)
- 32,5	5	0,25	0,06
- 34,5	6	0,53	0,13 (0,15)
36,0	7	0,30	0,06
- 37,5	8	0,17	0,06
- 38,5	9	26,70 (0,04)	0,06
38,9	14 210	0,16	0,05 (0,05)
39,2	1	0,15	0,13 (0,05)
40,5	2	0,17	0,06
42,0	3	0,17	0,08 (0,04)
43,5	4	0,34	0,18 (0,18)
45,0	5	0,03	0,06
46,5	6	0,58	0,04 (0,04)
48,0	7	0,05	0,08
49,5	8	0,04	0,17 (0,21)
51,0	9	0,05	0,16 (0,11)
52,5	14 220	0,06	0,10
54,0	1	0,13	0,14
55,5	2	0,07	0,07
56,8	3	0,08	0,03
58,4	4	0,06	2,64 (3,04)
59,4	5	0,03	0,17 (0,12)
61,3	6	0,04	0,09 (0,02)
- 62,9	7	0,04	0,04
- 64,4	8	0,00	0,02
65,9	9	0,38	0,38 (0,44)
67,5	14230	0,00	0,07
- 69	1	0,39	0,19

DDH 8 CONT

DEPTH	SAMPLE NO	MT B (g/t Au)	AAL 10-2-87 (g/t Au)
69,5 - 70,5	14232	0,01	0,08
70,5 - 72,0	3	0,27	0,13
72,0 - 73,5	4	0,00	0,06
73,5 - 75,0	5	0,01	0,10
75,0 - 76,50	6	0,11	0,15
76,50 - 78	7	0,00	0,06
78 - 79,5	8	0,13	0,09
79,5 - 81	9	0,08	0,21 (0,17)
81 - 82,5	14240	0,00	0,03
82,5 - 84,5	1	0,00	0,05
84,5 - 85,5	2	0,05	0,05
85,5 - 87,0	3	0,00	0,10
87,0 - 88,50	4	0,02	0,07
88,50 - 90,0	5	0,04	0,05 (0,03)
90,0 - 91,50	6	1,35	0,04
91,50 - 92,9	7	0,45	0,04
92,9 - 94,5	8	0,24	0,03
94,5 - 96,0	9	0,27	0,08
96,0 - 97,5	14250	0,59	0,06
97,5 - 99	1	0,25	0,11
99 - 100,5	2	0,20	0,07
100,5 - 102	3	0,14	0,07
102 - 103,5	4	0,13	0,09
103,5 - 105	5	0,13	0,04
105 - 106,5	6	0,16	0,03
106,5 - 108	7	0,25	0,02
108 - 109,5	8	0,21	0,05
109,5 - 111	8 Pulp Check	0,19	0,18

24.0 - 111.0m metadiorite

Hole Number		D 9
Collar Coordinates		
	EASTING	503.100
	NORTHING	945.863
	REDUCED LEVEL	975.001
Dip	90°	
Azimuth	0°	
Final Depth	61.5m	

DDH 9 FISHERS LODE

DEPTH	SAMPLE NO	MT BONNIE (g/t Au)	AAL (g/t Au)
3,0-4,5	14259	0,24	
-6	14260	0,33	0,05
-7,5	1	0,29	0,14 (0,11)
-8,1	2	0,69	0,13
-9,1	3	0,30	0,05
-10,5	4	0,10	0,12 (0,10)
-12,1	5	2,3	0,06
-13,5	6	0,44	0,01
-15	7	0,37	0,01
16,5	8	0,34	0,02
17,6	9	0,35	0,08
-19,4	14270	33,4	0,20
-21	1	0,40	0,04
22,5	2	0,92	0,06
23,2	3	0,28	0,06 (0,04)
24,8	4	0,33	0,02
25,4	5	0,36	0,06
26,6	6	0,24	0,05
28,1	7	0,17	0,03
29,6	8	0,18	0,08 (0,06)
30,5	9	0,27	0,09
31,5	14280	0,18	0,07
33,0	1	0,17	0,08 (0,03)
-33,7	2	2,37	0,07
-34,5	3	0,24	0,08
-36	4	0,18	0,05
-37,5	5		0.06
-38,1	6		0.17
-39,5	7		0.06
-40,5	8		0.07
-42,0	9		0.05
-43,5	14290		006

DDH 9 CONT

DEPTH	SAMPLE NO	AAL (GHA)
43,5-45	14291	0,06
46,5	2	0,06
48	3	0,07
49,5	4	0,06
51	5	0,03
51,7	6	0,02
52,5	7	0,04
53,3	8	0,05
54,8	9	0,10
55,5	14300	0,11 (0,04)
57,0	1	0,16
58,5	2	0,05
60,0	3	0,11
61,5	4	0,06

EOH = 61,5m

3-61,5m metadolerite

Hole Number	D 10
Collar Coordinates	
EASTING	499.654
NORTHING	918.456
REDUCED LEVEL	975.995
Dip	90°
Azimuth	0°
Final Depth	58.70m

DDH 10 FISHERS LODE

DEPTH	SAMPLE NO	M'B (g/t Au)	AAL 9-2-87 (g/t Au)
3,3 - 4,8		1,38	0,49
- 5,1		0,02	0,31
- 6,3		4,22	2,82
- 7,3		4,92	5,66 (6,01)
- 8,4		10,76	8,32 (9,21)
9,0		0,15	0,75
9,6		0,02	0,17
10,7		0,02	0,24
11,4		0,02	0,55
11,90		0,02	0,16 (0,10)
12,60		0,02	0,06
14,00		0,02	0,06
15,50		0,02	0,08
17,00		0,11	0,15
18,50		0,02	0,07
20,00		0,02	0,04
21,50		0,02	0,01
22,70		0,02	0,05
24,20		0,02	0,19 (0,26)
25,10		0,02	0,08
26,00		0,11	0,19
26,40		0,02	0,13
26,90		0,02	0,04
27,50		0,98	0,10 (0,13)
27,90		0,02	0,05
28,60		0,02	0,12
29,70		1,06	0,08
31,00		1,59	1,69 (1,72)
- 32,00		14,85	9,52 (13,90)
- 33,00		5,16	4,98 (5,10)
- 34,00		0,02	0,69 (0,63)
- 35,00		0,02	0,41 (0,36)

DDH 10 cont

DEPTH	sample No	MTB (g/t Au)	AAL 9-2-87 (g/t Au)
5,0 - 35,90		0,02	0,35
36,90		1,49	1,36
38,00		0,02	0,26
35,70		0,02	0,36
40,30		0,02	0,85
41,20		0,02	0,24
43,10		0,02	0,09
44,70		2846 (0,31)	
45,60		0,02	0,25
46,60		0,02	0,07
47,50		0,02	0,04
48,60		0,02	0,07
50,00		0,22	0,04
51,50		0,11	< 0,09 (0,06)
52,10		0,12	< 0,05
52,60		0,05	
53,60		0,04	0,07
54,20		0,06	< 0,04
55,80		0,02	0,04
57,10		0,01	0,05
58,70		1,65	0,05

EOH = 58,70m

DDH10

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding	Jointing	Veining	Lithology	Quartz	Garbenat	Chlorite	Sericite	Talc	Hematit	Pyrite	Chalcop	Fe-oxi	Visible	Sample	Au (ppm	Description
																					0-3.3m percussion
3.3				/	20			SCC sig	2	5					3					0.47	
4.5					45					30					10					0.21	
5.1				/						5					5-10					2.63	
6.3										5					5-10					5.62	
7.3										5					5					8.77	
8.4				/											<5					0.75	
9.0										15					<5					0.17	
9.6				/																	
10.7					25					10					<5					0.24	
11.4											10				5-10					0.55	
11.9								SCC/			15				5-10	?				0.13	
12.6				/	>5			SCC sig mbd							5	?				0.05	
14.0																				0.04	Relatively coarse grained (>1mm) pink, soft mBx
				/																0.09	
15.5																					
17.0																				0.15	
				/																0.07	
19.5																					
20.0																				0.04	
																				0.01	
21.5				/																	
22.7				/						1										0.05	
										1										0.22	
24.2																					
25.1								SCC/ sig		1										0.08	
26.0					50						10					5				0.7	
26.5																				0.13	
26.9											95					1				0.04	

DDH 0

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding	Jointing	Veining	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyrite	Fe-oxide	Visible Gold	Sample	Au (ppm)	Description
27.5								SEC		15					5					0.11	
27.9								SST		40					5					0.01	
28.6				J											5					0.12	
29.7										10					5	?				0.01	
31.0										5					5	?				1.70	
32.0				J	40			SEC/SST							5	?				11.71	
33.0									10						5					5.04	
34.0															<5					0.45	
35.0				J											<5					0.35	
6.9					38					10					<5					0.05	
36.9															5	?				1.31	38.0-38.70 0.36
38.7				J					5						<5					0.24	
								SEC/SST	1	3					<5					0.85	
40.2															<5					0.29	
41.8				J				MSK													
																				0.01	
43.8				J					TP												
44.7																					
45.6																				0.25	
46.5																				0.07	
									1											0.04	
48.1									5											0.07	
48.2																					
50.0																				0.01	
																				0.01	52.1-52.6 0.07 -53.6 0.04 -54.2 0.04
51.5																					-55.8 0.04 -57.10 0.05 -58.70 0.05
52.9																					
58.7																					
EOH																					

Hole Number		D 11
Collar Coordinates		
	EASTING	475.801
	NORTHING	946.655
	REDUCED LEVEL	979.378
Dip		90°
Azimuth		0°
Final Depth		97.50m

DDH 11 — FISHERS LODE

DEPTH	SAMPLE NO	MAB (Silt Au)	AAL (Silt Au)
0 - 3		0,02	0,03
- 6		0,86	0,06
- 9		0,20	0,05
- 12		0,13	0,04
- 15		0,02	0,06 (0,03)
- 18		0,02	0,07
21		0,02	0,03
24		0,02	0,05
27		0,02	0,07
30		0,18	0,10
33		0,02	0,11
36		0,02	0,04
37,30		0,04	0,04 (0,05)
- 38		0,02	0,05
- 39		0,02	0,03
40,3		0,02	0,04
- 41,8		0,99	0,04
- 43,4		0,10	0,02
- 44,90		0,02	0,04
- 45,80		0,02	0,05
- 47,2		0,02	0,03
- UC in		0,02	0,05
- 49.30		0,11	0.02
- 49.60			0.01
- 50.10			0.05
51,50		0,42	0,03
52,50		0,02	0,04 (0,08)
53,80		0,02	
- 54,50		0,02	0,07
- 55,10		0,27	0,05
- 55,90		0,02	0,05
- 57,00		0,57	
- 57,50		0,02	0,5 (0,42)
- 58,50		5,76	0,08

DDH 11 CONT

DEPTH	SAMPLENO	M+B (g/t Au)	AAL 9-7-87 (g/t Au)
58,50-60		0,27	0,14
61,50		0,25	0,18
62,60		0,17	0,12
64,20		0,37	0,20
65,70		0,30	0,22
67,30		0,27	0,16
68,80		0,27	0,12
70,40		0,06	0,03
71,90		0,25	0,03
73,50		0,17	0,02
75,00		0,09	
75,60		0,12	0,05
76,50		0,02	0,02
76,00		0,04	0,05
79,50		0,02	0,03
81		7,08	8,25 (5,20)
82,20		1,30	0,93
83,70		0,19	0,04
84,90		5,08	5,35
86,50		2,52	1,37
88,00		0,06	0,11
89,60		3,68	0,05
91,20		0,02	0,25
92,70		1,59	0,06
94,30		0,13	0,03
95,90		0,26	0,03
97,50		0,30	

OH = 97,50

DDH11 :

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (+	Jointing (	Veining (t	Lithology	Quartz Sugary	Carbonat	Chlorite	Sericite	Talc	Hematite	Pyrite Aug	Chalcopy	Fe-oxid	Visible G	Sample N	Au (ppm)	Description
3																				0.03	
6																				0.04	
9																				0.05	
12																				0.04	
15																				0.04	
18																				0.07	
21																				0.03	
24																				0.05	
27								/												0.07	
30																				0.10	
33																				0.11	
36					✓															0.04	0-36 porphyry
								Weakly Calc												0.04	
37.2																				0.05	
38.0					✓	45															
39.9																				0.03	
																				0.04	
40.3					✓																
41.8						30														0.04	
					✓															0.02	
43.4																					
44.9																				0.04	
45.8					✓															0.05	
						35														0.03	
47.2					✓			Weak Calc												0.05	
48.1								Sulf 3%			15				10						

DDH 1

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding	Jointing	Veining	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyrite	Fe-oxide	Visible Gold	Sample	Au (ppm)	Description
49.3								SILT SDY		15					15					0.01	
49.6										15					15					0.01	
50.1				✓	35					10					5-10					0.03	
51.5										20					5					0.06	
52.5				✓																	
53.8					42					15					10					0.01	
54.5										8					5					0.07	
55.1				✓						10					5					0.05	
55.9										5					5					0.05	
57.0					20			SILT SDY		20					5					0.46	
57.5				✓				SILT		5					5						
58.5					32			SDY							TR					0.08	
60.0				✓						1					TR					0.14	
				↑																	
				↓					1						3					0.18	
61.5				oxidised																	
62.6									5						1					0.12	
								SILT SDY	1						4					0.20	
64.2								MSD													
										10					5					0.22	
65.7					30			SILT SDY													
									3	10					5					0.16	
67.3								MSD	3	1					4						
68.8																				0.12	
					40				1	10					10					0.03	I_S
70.9																					
71.9					5										3					0.03	
					20					5					2					0.02	
73.5																					

Drill

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (t	Jointing (t	Veining (t	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopyrite	Fe-oxide	Visible G	Sample N	Au (ppm)	Description
75.0					0			Sed Sh		20					3					0.09	
75.6										30					5					0.05	
76.0																					
76.5					55					20					10					0.02	
79.0					15				1	10					5-10					0.05	
								Sed Sh		5					1					0.01	
80.5								Sed Ss													
81.0					50				2	2					5-10	1				4.72	
										1					2					0.93	
82.2								Sed Ss													
								Mbd	7						2					0.04	
83.7																					
84.9									1	5					5-10	1				5.25	
								Mbd Sil							5	4				1.37	89.6-91.2 0.25 -92.7 0.06 -94.3 0.01 -95.9 0.01 -97.50
86.5																					
								Mbd							5	2				0.11	
88.0																				0.01	
89.6																					89.6-97.5 Mbd

1

Hole Number	D 12
Collar Coordinates	
EASTING	480.479
NORTHING	920.404
REDUCED LEVEL	979.736
Dip	90°
Azimuth	0°
Final Depth	88.50m

DDH 12 FISHERS LODE

DEPTH	SAMPLE NO	M+B (g/t Au)	AAL (g/t Au)
0-3		0,16	0,04
-6		0,17	0,08
-9		0,26	0,02
-12		0,08	0,02 (0,09)
-15		0,12	0,04
-18		0,18	0,09 (0,08)
21		0,27	0,07
24		0,16	0,04
27		0,09	0,02
30		0,17	0,06
33		0,13	0,04
36		0,12	0,03
39		0,14	0,02
-42		1,09	0,01
4-43,5		0,13	0.05
44,8		0,15	0.05
46,4		0,10	0.04
-48		0,11	0.04, 0.03
49,3		0,09	0.03
50,6		0,11	0.02
52		0,15	0.05
52,5		0,43	0.06
54		0,09	0.08
54,8		0,07	0.04
56,7		0,26	0.04
-58		0,06	0.04
-59,20		0,70	0.09
-60		0,10	0.03, 0.02
-61,20		0,43	0.01, 0.02
-62,50		0,09	0.02
64		1,00	0.63
65,50		0,98	2.76

DDH 12 CONT

DEPTH	SAMPLE NO	MT B. (g/t Au)	AAL 9-2-87 (g/t Au)
5,50-66,50		0,80	1,66
- 69		0,38	0,28
- 70		0,07	4,43
71,30		2,80	3,11
72,90		2,88	2,82
74,40		0,27	0,20
76		0,16	0,08
77,50		0,23	0,17
79,10		0,20	0,08
80,60		0,34	0,11
82,20		2,90	0,30
83,80		0,30	0,08
85,40		0,12	0,07
87		0,10	0,04
88,50		0,38	0,04

OH = 88,50m

DDH12

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding (t	Jointing (	Veining (t	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopy	Fe-oxid	Visible G	Sample N	Au (ppm)	Description
3																				0.04	
6																				0.04	
9				/																0.01	
12																				0.05	
15																				0.04	
18				/																0.08	
21																				0.07	
24				/																0.04	
27								1												0.02	
30																				0.04	
33																	/			0.05	
36				J																0.03	
39																				0.01	
42																				0.01	0-42 pebbles
								SSC SMS			15				10					0.05	
43.5				/	D																
44.8											20				10					0.05	
				/	45						10				10					0.04	
46.8																					
48.0					10						6				5-10					0.03	
				J							10				5-10					0.03	
49.3					25			SSC			15				5					0.02	
50.60				/				SMS													
51.0				/				SSM												0.05	
51.5																				0.03	

DH12

Depth	Recovery	Breaks/m	Sheared	Oxidised	Bedding	Jointing	Veining	Lithology	Quartz	Carbonate	Chlorite	Sericite	Talc	Hematite	Pyrite	Chalcopy	Fe-oxid	Visible G	Sample	Au (ppm)	Description
								CSS													
54.0				/	35															0.08	
54.8																				0.04	
				/	38			CSS	1	3					3					0.04	
56.7								S.Cc Sag													
58.0				✓						10					10					0.04	
59.2				↓ part	42			(S)		10					5-10					0.09	
60.0										10					5					0.02	
61.2					30					5					10					0.02	
								S.Cc Sag		10					10					0.02	
62.5																					
64.0					38			SCl/SS		2					3					0.67	
									2						5-10	2				2.76	
66.50																					
66.50								S.Cl/SS	5						10	2				4.60	
				part x	40			S.Cc Sag		5					5-10					0.25	
69.0				↑																↓	
70.0								S.Cc Sag	1	15					2					4.47	
71.3								S.Cl/SS		15					5-10					3.11	
72.90									2	2					10					2.82	77.5–79.10 0.08 –80.60 0.11
74.40								MBX/SCl	2						3					0.20	–82.20 0.30 –83.50 0.08 –85.40 0.07 –87.0 0.04 –88.5 0.05
76.0								MBX	10						5	2				0.08	
77.5								S.Cl/SS	3	4					5-10					0.17	77.5–88.5 EOH. nbd

APPENDIX III

SURVEY DATA

Black Rock 12/86

String number	Annotation
1	P
2	?

No	X	Y	Z	Description
1	500.000	1000.000	986.000	st1
2	492.500	965.437	981.853	?
3	492.924	944.496	981.305	?
4	492.840	929.913	979.506	?
5	491.088	913.499	979.004	?
6	499.428	944.042	975.217	?
7	499.893	953.513	975.136	?
8	499.935	963.340	975.811	?
9	504.178	963.749	975.397	?
10	505.483	953.226	974.937	?
11	504.823	943.274	975.017	?
12	504.292	933.838	975.419	?
13	502.563	915.603	976.220	?
~~14~~	~~494.359~~	~~905.201~~	~~976.211~~	~~?~~
15	489.347	897.236	979.027	?
~~16~~	~~499.935~~	~~913.340~~	~~975.811~~	~~?~~
17	500.802	979.683	978.723	?
18	496.620	885.934	978.390	?
19	499.457	963.664	979.747	?
20	500.000	853.580	979.520	st2
21	497.818	838.567	979.857	?
22	496.496	832.580	979.733	?
23	495.079	824.416	979.748	?
24	489.667	810.515	981.187	?
25	484.520	804.233	982.090	?
26	478.976	790.640	984.257	?
27	475.212	777.803	986.252	?
28	474.146	767.932	987.543	?
29	480.858	977.961	982.674	?
30	480.282	968.976	982.254	?
31	483.225	954.426	981.628	?
32	481.887	943.726	981.745	?
33	481.125	929.980	980.106	?
34	478.028	944.285	979.620	?
35	476.172	954.709	979.562	?
36	471.861	969.063	980.132	?
37	470.608	954.903	979.450	?
38	471.814	943.702	979.351	?
39	473.777	928.924	979.476	?

40	476.274	921.925	979.492	?
41	472.347	910.104	977.147	?
42	474.351	885.348	977.400	st3
43	474.512	871.631	977.763	?
44	473.222	852.615	977.953	?
45	475.714	852.273	978.158	?
46	479.870	873.921	977.881	?
47	479.873	900.914	978.094	?
48	482.823	912.488	979.119	?
49	484.923	881.111	980.154	?
50	482.223	859.179	981.502	?
51	480.480	826.793	982.231	?
52	475.594	807.497	982.300	?
53	471.000	791.000	984.500	?
54	469.000	769.000	987.500	?
55	494.342	874.664	980.160	?
56	492.379	856.245	981.031	?
57	491.220	849.311	980.001	?
58	489.731	835.570	982.689	?
59	490.215	831.675	980.910	?
60	482.044	811.801	981.765	?
61	483.456	813.807	981.365	?
62	489.518	825.388	980.373	?
63	493.419	845.563	979.673	?
64	494.951	859.406	979.527	?
65	499.268	856.658	979.095	D2
66	499.115	875.101	978.793	D1
67	500.381	885.586	977.230	C2
68	499.827	894.027	977.927	?
69	503.100	945.863	975.001	D9
70	498.106	896.791	978.759	?
71	489.046	919.636	979.585	D6
72	490.021	946.423	981.312	D7
73	491.010	973.029	982.300	D8
74	472.245	983.225	980.642	?
75	461.932	982.866	977.465	?
76	475.801	946.655	979.378	D11
77	475.968	894.099	977.323	P10
~~78~~	~~452.904~~	~~977.570~~	~~974.015~~	~~?~~
79	503.335	975.095	976.797	?
80	512.511	992.359	978.850	?
81	520.188	1002.781	978.315	?
82	527.165	997.902	974.029	?
83	520.299	987.052	973.959	?
84	513.675	978.346	972.717	?
85	517.223	962.982	968.964	?
86	527.998	973.370	968.544	?
87	535.198	984.776	968.774	?
88	552.528	992.419	967.665	?
89	547.640	983.913	967.064	?
90	538.870	973.766	965.902	?
91	530.250	966.399	966.901	?
92	477.124	965.356	977.986	P9
93	472.246	847.832	976.635	?
94	439.751	918.840	964.435	?
~~95~~	~~448.265~~	~~896.364~~	~~964.476~~	~~?~~
96	476.819	922.065	979.603	?
~~97~~	~~450.958~~	~~842.971~~	~~985.365~~	~~?~~
98	480.479	920.404	979.736	D12
99	452.904	977.570	974.015	?
100	439.160	961.400	969.146	?
101	419.233	959.602	964.942	?
102	405.142	957.489	964.140	?
103	411.197	943.442	962.677	?
104	427.187	921.849	961.239	?
105	433.245	901.722	959.598	?

106	432.841	873.487	957.368	?
107	429.686	829.809	958.835	?
108	442.507	817.307	966.061	?
109	425.211	822.204	958.010	?
110	407.491	854.678	950.388	?
111	401.709	858.107	946.055	?
112	409.744	869.432	948.706	?
113	416.443	896.196	953.368	?
114	416.552	905.771	955.189	?
~~115~~	~~439.751~~	~~918.840~~	~~964.435~~	?
116	448.265	896.364	964.476	?
117	452.056	878.078	965.449	?
118	450.953	862.971	965.365	?
119	446.200	840.956	964.735	?
120	454.529	832.948	969.748	?
121	468.271	859.308	971.511	?
122	462.277	890.131	970.596	?
123	456.950	918.656	970.462	?
124	460.425	945.839	974.530	?
125	443.804	948.495	969.370	?
126	499.654	918.456	975.995	D10
127	495.531	890.555	979.764	?
128	495.824	838.255	979.840	D3
129	495.723	886.564	978.672	?
130	498.019	845.694	978.314	C3
131	495.117	828.844	978.140	C4
132	479.442	766.964	984.593	?
133	483.027	779.424	982.147	?
134	488.657	795.808	980.296	?
135	494.643	769.992	976.891	?
136	516.035	766.713	967.738	?
137	548.137	763.754	957.321	?
138	544.377	782.394	958.484	?
139	520.057	796.030	964.293	?
140	506.233	797.678	970.538	?
141	495.343	799.975	976.469	?
142	498.108	813.044	974.972	?
143	508.473	813.250	968.795	?
144	522.567	809.650	963.661	?
145	545.831	805.747	958.573	?
146	554.058	828.101	957.014	?
147	534.007	829.078	961.092	?
148	509.071	834.186	972.068	?
149	514.661	872.258	969.494	?
150	513.082	852.799	967.335	?
151	537.830	856.427	960.333	?
152	532.307	876.322	961.274	?
153	557.285	865.363	955.225	?
154	563.095	879.175	953.980	?
155	567.941	900.937	952.899	?
156	546.326	900.322	957.876	?
157	529.683	895.356	962.439	?
158	510.802	895.115	971.587	?
159	509.093	912.258	972.665	?
160	528.603	917.249	964.924	?
161	546.202	916.686	958.132	?
162	560.270	915.629	955.711	?
163	554.892	931.330	958.101	?
164	535.707	943.143	963.433	?
165	522.213	946.221	967.302	?
166	490.565	819.340	980.230	D5
167	489.303	805.476	980.175	C5
168	486.200	~~817.600~~ 837.600	982.000	P5
169	477.300	803.600	982.300	P6
170	402.000	790.000	962.000	?
171	429.000	786.000	970.000	?

172	445.000	780.000	980.000	?
173	505.300	879.300	975.100	shaft
174	509.661	872.258	969.494	adit
175	495.000	884.500	980.250	P3
176	~~497.500~~ 495.2	~~894.300~~ 886.0	~~978.530~~ 980.35	P4,
177	497.500	894.300	978.530	D4
178	498.700	902.000	975.500	C1
179	521.000	903.000	967.000	Ce1
180	517.000	885.000	969.000	Ce2
181	517.000	844.500	967.000	Ce3
182	513.000	826.500	970.000	Ce4
183	500.500	803.000	973.000	Ce5

Darwin
130km
131° 15'
131° 30'
131° 45'
13° 30'
13° 45'
Old Stuart Bridge Creek
Howley Creek
Howley North
Cosmopolitan Howley
Stuart Creek
Ban Ban Springs
Margaret River
Iron Blow
Black Rock
Mt Bonnie
EL 4010
Golden Dyke
Hayes Creek
Douglas
Highway
Frances Creek
PINE CREEK
Ant Creek
Green
Hayes Creek
Douglas River
Middle Creek
Daly River
Oolloo

Darwin
Alice Springs

LOCATION MAP

SCALE 1:250000

5 0 5 10 15 20 kilometres

eupene exploration enterprises

Client : Mt Bonnie Gold Unit Trust

Scale : 1:250000	Compiled : P.Nicholson	Date : March 1986
	Drawn : L.Carter	

EL 4010

Location Map

Figure 1

7875N

AMG NORTH

P8
187●8

7750N

shaft

D5
188●6

P7(approx)
●60

base of carbonaceous mudstone

7625N

P11 (approx)

GD29
●60

ENCLOSURE 1

P12 (approx)

8125E

8250E

eupene exploration enterprises

Client :

Scale: 1:1000	Compiled: P. Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

BLACK ROCK – FISHERS LODE

Fig 2

950 N

900 N

850N

top of ridge

980

970

960

950

940

930 R.L.

C1
NO VALUE

C2
6m ?

C3
4m at 3·41

C4
2·2m at 2·73

C5
2m at 1·67

adit
7·8m at 3·8

D9
NO VALUE

D10
2m at 5·87

C1
2m at 1·53

D4
0·6m at 1·53

D2
2·5m at 2·57

D1
6·8m at 1·46

D3
1·4m at 2·18

D5
4·5m at 1·87

P4
6·8m at 2·8

P6
1m at 5·26

limit of upper lens

limit of lower lens

P8B
3m at 1·40

D7
6m at 8·19

D6
4m at 3·20

D4
5·5m at 5·24

P3
4·5m at 2·19

D10
2m at 6·32

P5
2·2m at 1·36

D8
NO VALUE

D9
NO VALUE

D12
NO VALUE

P9
NO VALUE

possible pit limits

D11
NO VALUE

D8
NO VALUE

D6
4m at 4·95

D7
4m at 2·47

limit of lower lens

D12
6·5m at 2·19

D11
3m at 6·23

METRES 10 0 10 20 30

D2
2·5m at 2·57 — Upper lode

D7
6m at 8·19 — Lower lode

Hole number with horizontal width of intersection and grade in grams per tonne gold

Proposed drillhole

eupene exploration enterprises

Client : Mt. Bonnie Gold Unit Trust

Scale: 1:500	Compiled: P. Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

BLACK ROCK — FISHERS LODE

LONGITUDINAL PROJECTION

Fig 3

400E 450E 500E 550E

1000 N 950 N 900 N 850 N 800N 750N

D8 D11 D7 D9 D12 P8B D6 P8 D10 P10 D4 P3 D1 P9 P4 D2 P5 D3 D5 P6

C1 C2 C3 C4 C5

60

cSsm sif/sug MBd sif/Ssm sif/Ssm/MBd

2m at 1.51 4m at 2.55 4m at 3.41 2.2m at 2.75 2m at 6.7

workings adit portal

960 965 970 975 980

LEGEND

- Interpreted geological boundary
- C4 Costean
- Change of grade
- Interpreted fault
- 8·9m at 2·19 Ore intersection in grams/tonne Au
- c Carbonaceous
- fe Ferruginous
- go Gossanous
- MBd Metadolerite
- q Quartz
- sif Banded iron formation
- Ssm Mudstone
- sug Sugary quartz

- cSsm
- sif/sug
- Ssm/sif
- MBd

METRES 10 0 10 20 30

eupene exploration enterprises

Client : Mt. Bonnie Gold Unit Trust

Scale: 1:500	Compiled: P. Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

BLACK ROCK – FISHERS LODE

SURFACE PLAN

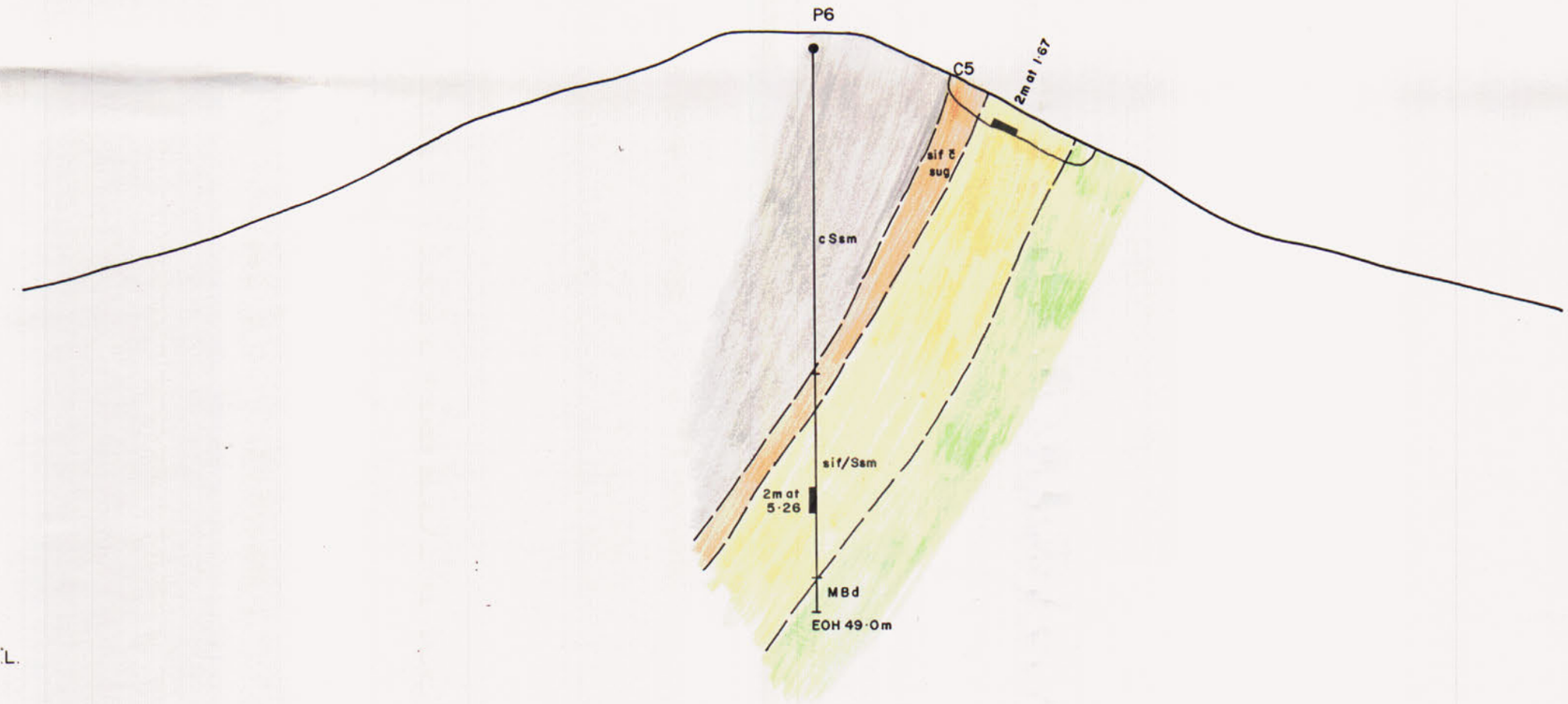
ENCL. 1

400E

450E

500E

550E



METRES 10 0 10 20 30

LEGEND

- Interpreted geological boundary
- Bedding orientation
- Shearing
- Interpreted fault
- 0·9m at 2·19 Ore intersection in grams/tonne Au
- Oxidation base

c	Carbonaceous
fe	Ferruginous
go	Gossanous
MBd	Metadolerite
q	Quartz
sif	Banded iron formation
Ssm	Mudstone
sug	Sugary q

cSsm
sif/sug
Ssm/sif
MBd

eupene exploration enterprises

Client : Mt. Bonnie Gold Unit Trust

Scale: 1:500	Compiled: P.Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

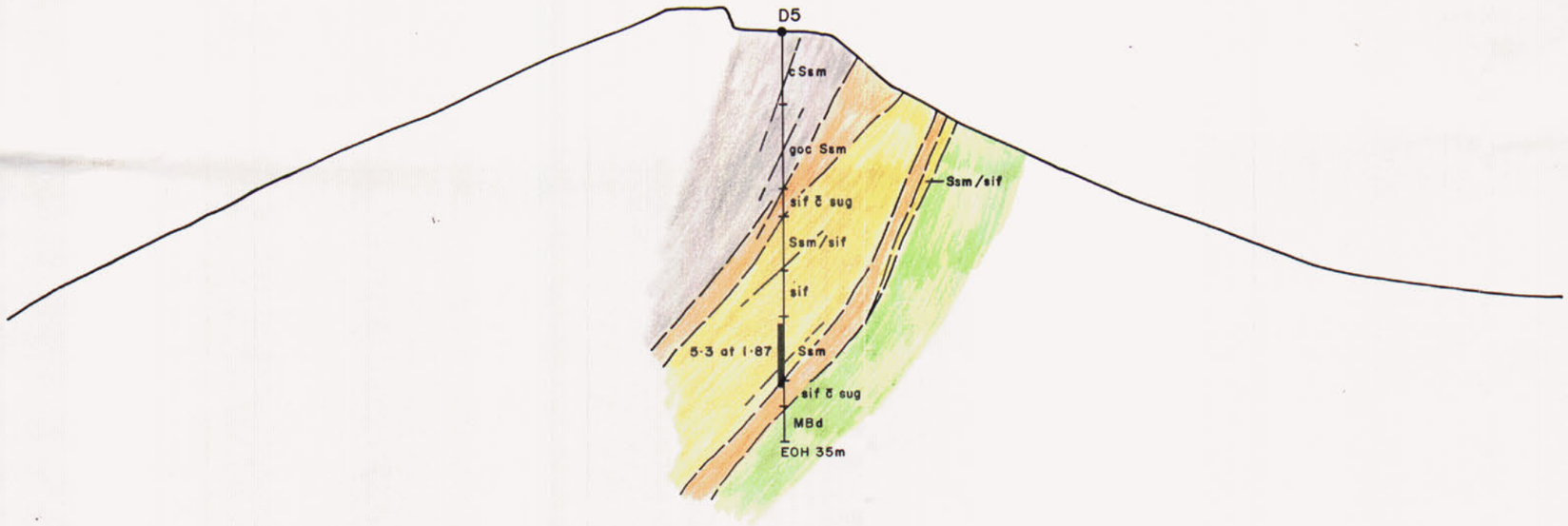
BLACK ROCK — FISHERS LODE

795 N SECTION

ENCL. 2

400E 450E 500E 550E

980
970
960
950
940 R.L.



METRES 10 0 10 20 30

LEGEND

Interpreted geological boundary	c Carbonaceous	cSsm
Bedding orientation	fe Ferruginous	sif/sug
Shearing	go Gossanous	Ssm/sif
Interpreted fault	MBd Metadolerite	MBd
8·9m at 2·19 Ore intersection in grams/tonne Au	q Quartz	
Oxidation base	sif Banded iron formation	
	Ssm Mudstone	
	sug Sugary q	

eupene exploration enterprises

Client : Mt. Bonnie Gold Unit Trust

Scale: 1:500	Compiled: P. Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

BLACK ROCK – FISHERS LODE

820 N SECTION

ENCL. 3

400E

450E

500E

550E

980

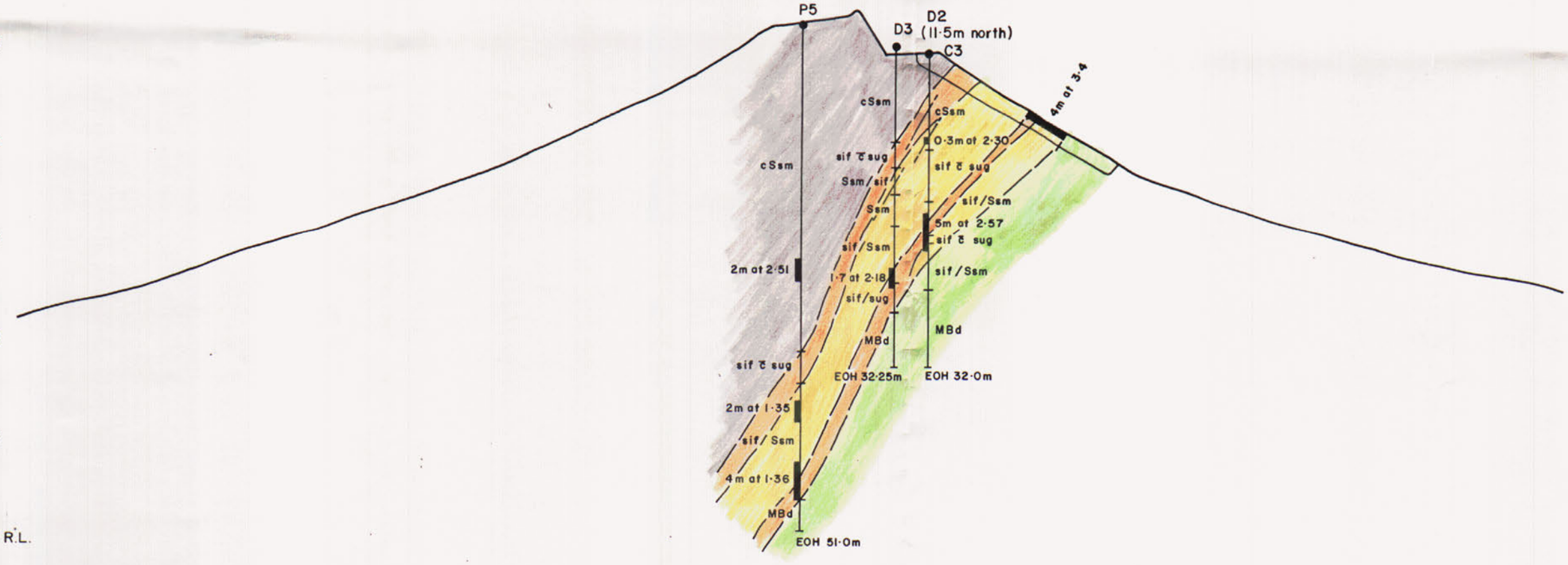
970

960

950

940

930 R.L.



METRES 10 0 10 20 30

LEGEND

Interpreted geological boundary	c Carbonaceous	cSsm
Bedding orientation	fe Ferruginous	sif/sug
Shearing	go Gossanous	Ssm/sif
Interpreted fault	MBd Metadolerite	MBd
8·9m at 2·19 Ore intersection in grams/tonne Au	q Quartz	
Oxidation base	sif Banded iron formation	
	Ssm Mudstone	
	sug Sugary q	

eupene exploration enterprises

Client : Mt. Bonnie Gold Unit Trust

Scale: 1:500	Compiled: P. Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

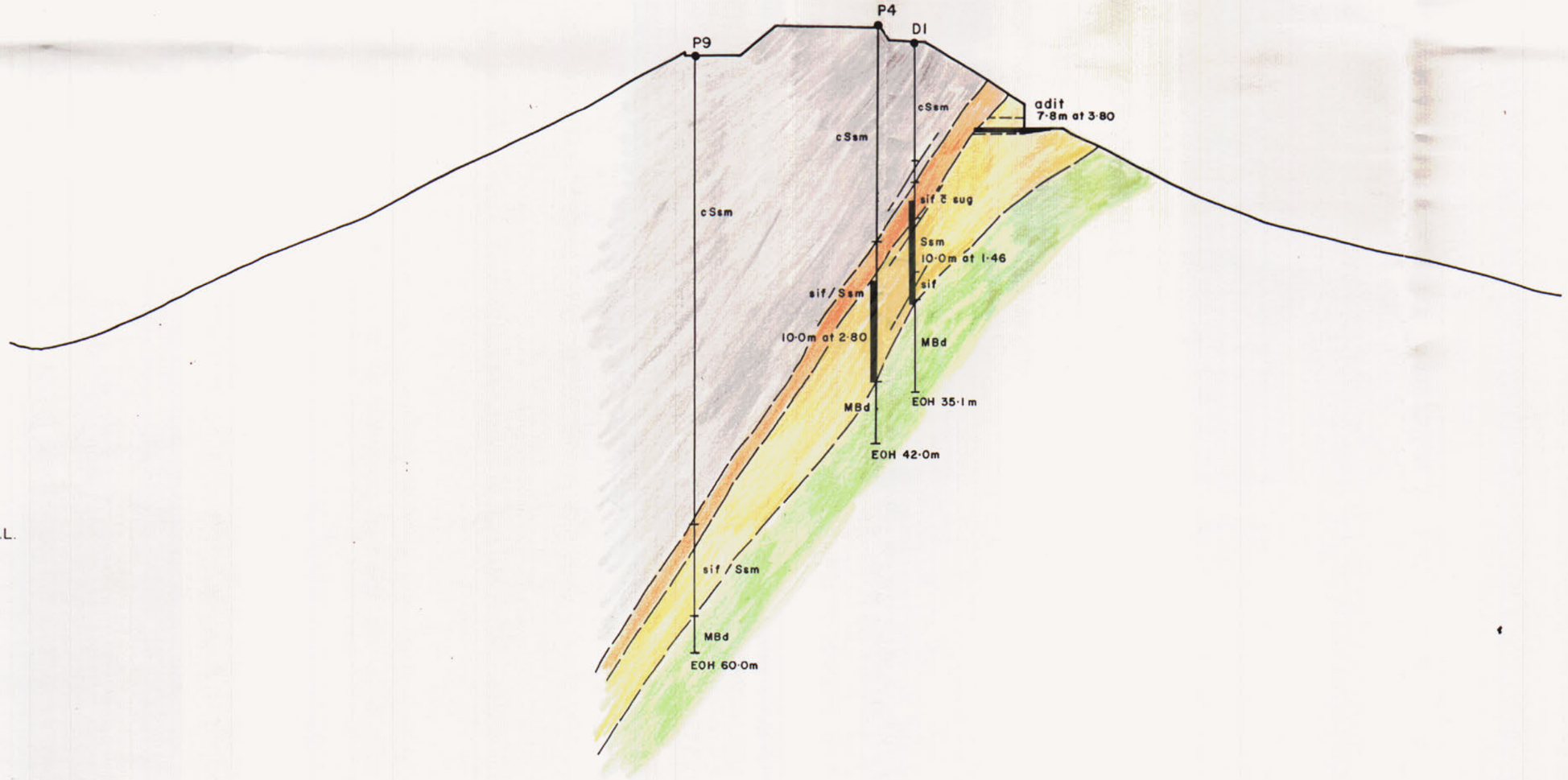
BLACK ROCK — FISHERS LODE

845 N SECTION

ENCL. 4

400E 450E 500E 550E

980
970
960
950
940
930 R.L.



METRES 10 0 10 20 30

LEGEND

- Interpreted geological boundary
- Bedding orientation
- Shearing
- Interpreted fault
- 6·9m at 2·19 — Ore intersection in grams/tonne Au
- Oxidation base

c	Carbonaceous
fe	Ferruginous
go	Gossanous
MBd	Metadolerite
q	Quartz
sif	Banded iron formation
Ssm	Mudstone
sug	Sugary q

- cSsm
- sif/sug
- Ssm/sif
- MBd

eupene exploration enterprises

Client : Mt. Bonnie Gold Unit Trust

Scale: 1:500	Compiled: P. Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

BLACK ROCK – FISHERS LODE

870 N SECTION

ENCL. 5

400E 450E 500E 550E

980 970 960 950 940 930 R.L.

P10

P3 (10·5m S of section)
D4

cSsm
cSsm
MBd
sif & sug
1m at 1·53
cSsm
Ssm
2m at 10·37
sif & sug
6m at 2·19
7·1m at 5·24
EOH 40m
Ssm/sif
sif & sug
MBd
EOH 43·8m
c Ssm/sif
EOH 55m

METRES 10 0 10 20 30

LEGEND

- Interpreted geological boundary
- Bedding orientation
- Shearing
- Interpreted fault
- 8·9m at 2·19 — Ore intersection in grams/tonne Au
- Oxidation base

c	Carbonaceous
fe	Ferruginous
go	Gossanous
MBd	Metadolerite
q	Quartz
sif	Banded iron formation
Ssm	Mudstone
sug	Sugary q

- cSsm
- sif/sug
- Ssm/sif
- MBd

eupene exploration enterprises

Client : Mt. Bonnie Gold Unit Trust

Scale: 1:500	Compiled: P. Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

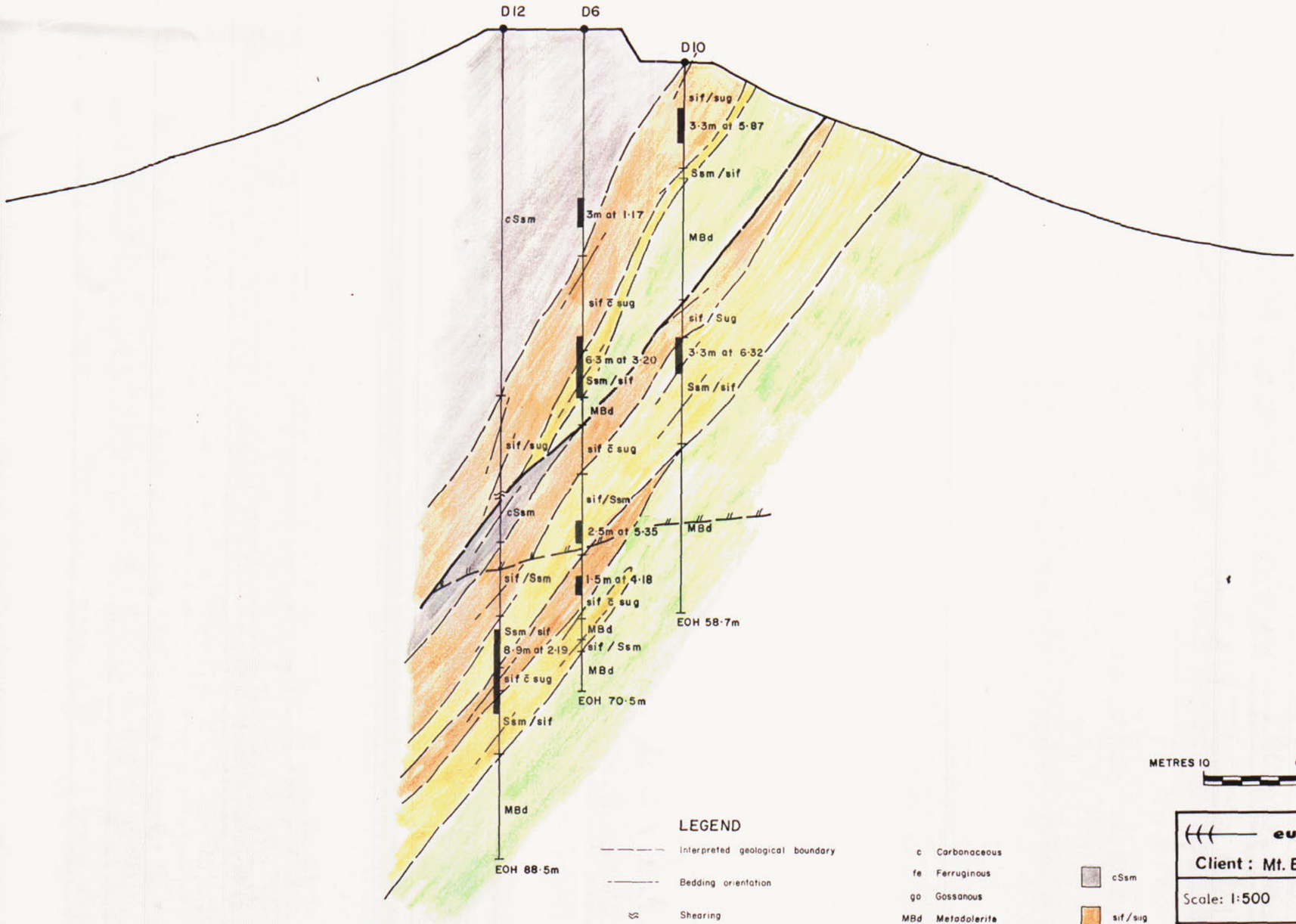
BLACK ROCK — FISHERS LODE

895 N SECTION

ENCL. 6

400E — 450E — 500E — 550E —

980
970
960
950
940
930 R.L.



METRES 10 0 10 20 30

LEGEND

- Interpreted geological boundary
- Bedding orientation
- Shearing
- Interpreted fault
- 8·9m at 2·19 — Ore intersection in grams/tonne Au
- Oxidation base

c	Carbonaceous
fe	Ferruginous
go	Gossanous
MBd	Metadolerite
q	Quartz
sif	Banded iron formation
Ssm	Mudstone
sug	Sugary q

cSsm
sif/sug
Ssm/sif
MBd

eupene exploration enterprises

Client : Mt. Bonnie Gold Unit Trust

Scale: 1:500	Compiled: P. Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

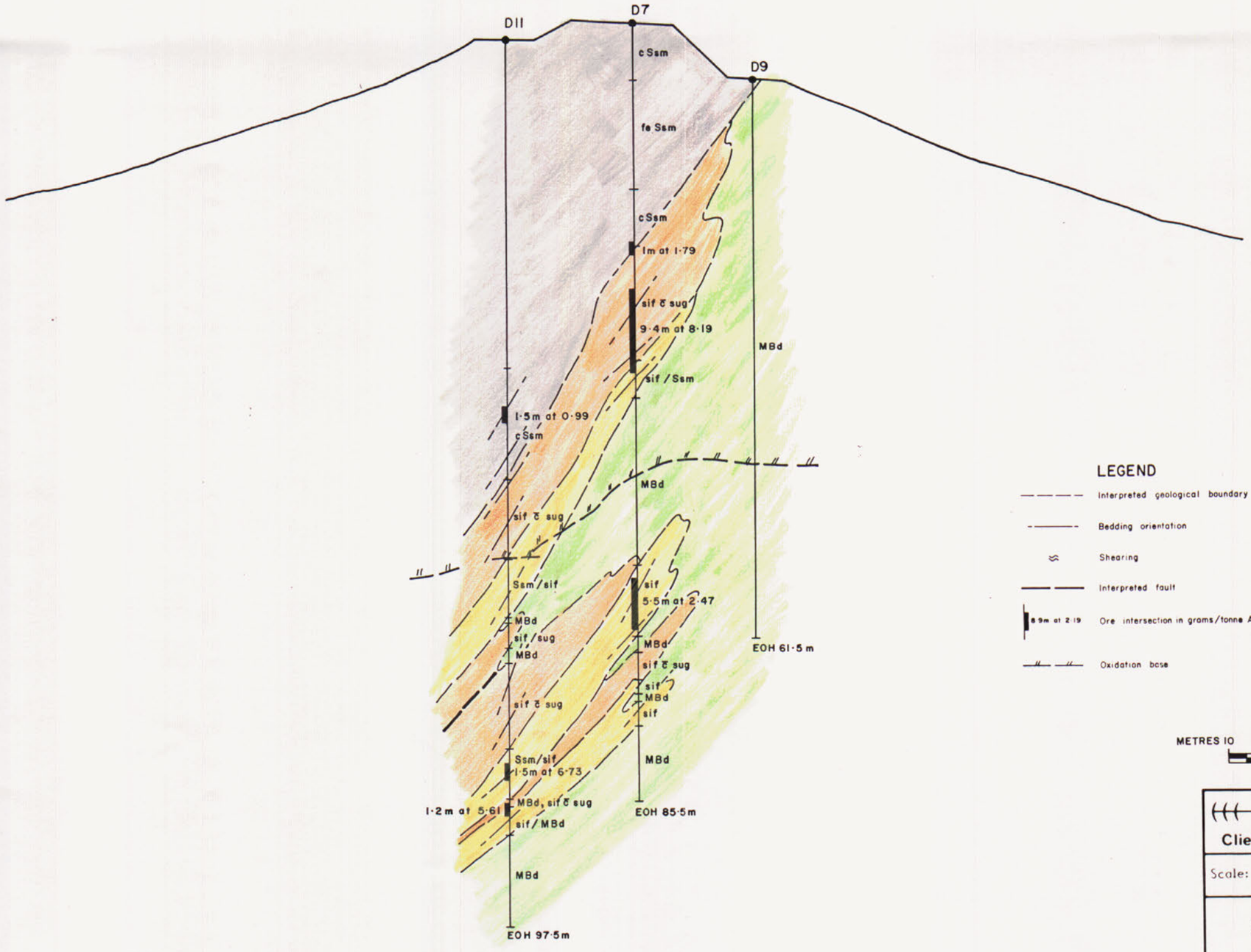
BLACK ROCK — FISHERS LODE

920 N SECTION

ENCL. 7

400E 450E 500E 550E

980 970 960 950 940 930 R.L.



LEGEND

- Interpreted geological boundary
- Bedding orientation
- Shearing
- Interpreted fault
- 9m at 2·19 — Ore intersection in grams/tonne Au
- Oxidation base

c	Carbonaceous
fe	Ferruginous
go	Gossanous
MBd	Metadolerite
q	Quartz
sif	Banded iron formation
Ssm	Mudstone
sug	Sugary q

cSsm
sif/sug
Ssm/sif
MBd

METRES 10 0 10 20 30

eupene exploration enterprises

Client : Mt. Bonnie Gold Unit Trust

Scale: 1:500	Compiled: P. Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

BLACK ROCK – FISHERS LODE

945 N SECTION

ENCL. 8

400E

450E

500E

550E

980

970

960

950

940

930 R.L.

D8

fe
?Ssm

c Ssm

fe Ssm

MBd

MBd

1·6m at 2·82 MBd

MBd? sif

MBd

E.O.H. 111·0m

LEGEND

- Interpreted geological boundary
- Bedding orientation
- Shearing
- Interpreted fault
- 0.9m at 2.19 Ore intersection in grams/tonne Au
- Oxidation base

c Carbonaceous
fe Ferruginous
go Gossanous
MBd Metadolerite
q Quartz
sif Banded iron formation
Ssm Mudstone
sug Sugary q

cSsm
sif/sug
Ssm/sif
MBd

METRES 10 0 10 20 30

eupene exploration enterprises

Client : Mt. Bonnie Gold Unit Trust

Scale: 1:500	Compiled: P. Nicholson	Date: Feb 1987
	Drawn: C.S.D.S.	

BLACK ROCK – FISHERS LODE

970 N SECTION

ENCL. 9