

NEWNEAM EXPLORATION & MINING SERVICES

OPEN FILE

EL 1/92

MATHINNA, TASMANIA

MICROFILMED

FICHE No. 013072-

RESULTS OF A CORE DRILLING PROGRAM

O'BRIENS MINE

OCTOBER 1993

*Montroyal Mining NL **

Prepared for:

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Date: 26 November 1993

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94-35557

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1. SUMMARY

During October 1993, three cored drill holes totalling 428m were completed to further drill test the O'Briens No 1 Reef which previous drilling had indicated was developed within a substantial east-west structure which dipped steeply south and plunged westerly.

The drill holes intersected a sequence of steeply west dipping sandstones and shales. Whilst minor quartz-pyrite veining was widespread, no major structural zones were intersected.

However, each hole did intersect a zone of somewhat intense quartz veining, and these zones may equate with the down plunge westerly extension of the No 1 Reef.

Gold levels in these zones were very low, the best being 0.4m 0.13g/t in GS5. Arsenic values were anomalous but not strongly so.

If this interpretation is correct, then the following conclusions are made:

- (a) the western extension of the No 1 Reef is swinging to the WNW and dipping very steeply south,
- (b) the structure is weakening to the west and down dip, with a corresponding decrease in sulfides and gold mineralisation,
- (c) it is possible that the main reef has been faulted further to the north, but no data exists to support this argument,
- (d) scope for the development of a significant gold resource on the No 1 Reef has been substantially diminished by this drilling program.

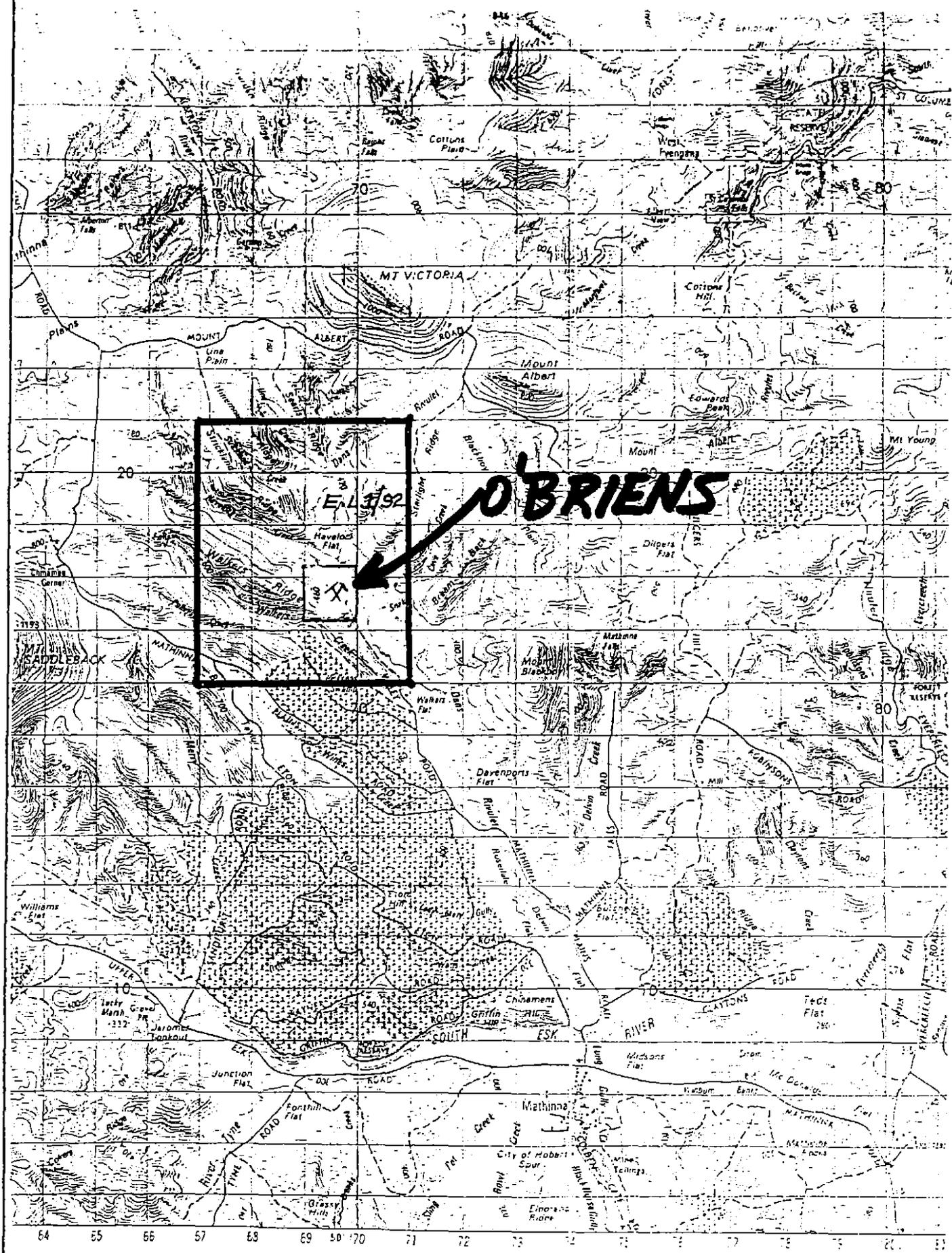
2. INTRODUCTION

EL 1/92 is held by Goldstream Mining NL, and explored under a Joint Venture Agreement by Goldstream, Seamet Limited, and Cuttack Mining and Exploration NL.

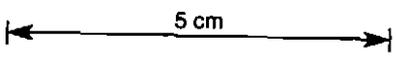
The Licence area is explored for auriferous quartz reefs developed within a thick sequence of Ordovician sandstones and shales known as the Mathinna Beds.

Previous core drilling at the former O'Briens Mine, firstly by the Department of Mines and more recently by Goldstream, defined a broad steeply dipping east-west structure which contained several well developed gold bearing quartz veins. These veins were interpreted as being the extensions of the O'Briens No 1 Lode (which was worked both underground and by open-cut), and appeared to be plunging to the west.

To further evaluate the down plunge extension of these veins, three cored holes were completed in October 1993.



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NEWNHAM EXPLORATION AND MINING SERVICES

O'BRIENS MINE

LOCATION MAP

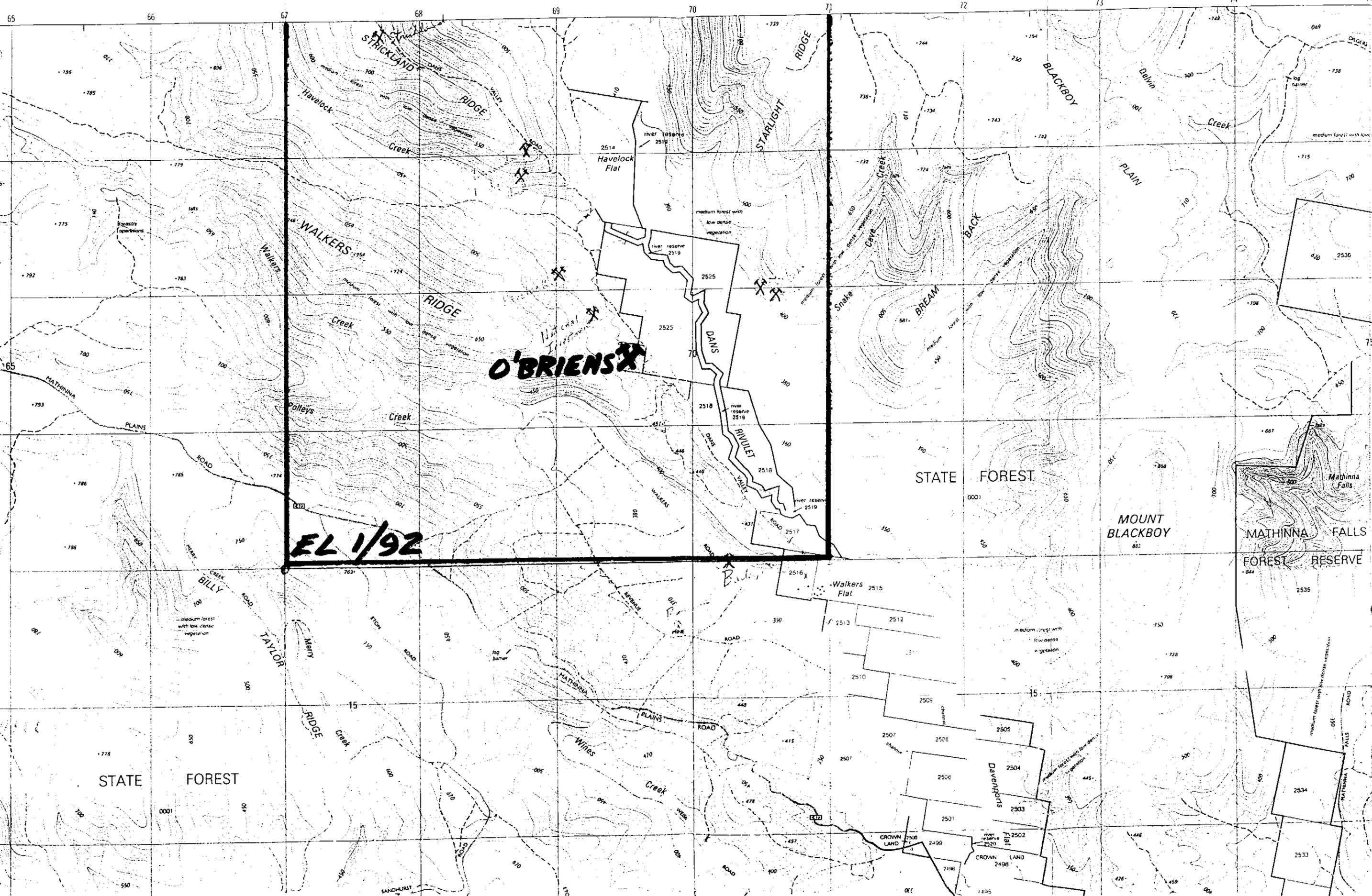
0 Km. 1:100,000

L.A.N.

5 cm

SADDLEBACK 1:25,000

927006



EL 1/92

O'BRIENS

STATE FOREST

STATE FOREST

MOUNT BLACKBOY

MATHINNA FALLS FOREST RESERVE

Davenport's

CROWN LAND

CROWN LAND

CROWN LAND

3. DRILLING DETAILS

Three holes totalling 428m were completed during October 1993.

Locations of the holes are shown on the attached drawings and individual hole plots are contained within the appended drill logs.

The upper section of each hole was drilled with an HQ casing advancer, hence no core was obtained. The holes were then completed with NQ-2.

Holes were surveyed with a single shot down hole camera and several core orientation surveys were taken in order to determine the attitude of the sediments.

Core recoveries were good, and core is currently stored at the writer's office.

Several sections of the most significant veining were split on a diamond saw and submitted to Analabs in Burnie for assay.

The drilling was completed by contractor F D & F L Ortner Pty Ltd and driller Nathan Rayner.

4. RESULTS

A steeply west dipping sequence of Mathinna Group sediments, dominated by sandstones with minor interbedded shales was intersected in each hole.

Thin (<20mm) quartz veins were common throughout but restricted mainly to the sandstones. Significant concentrations of veins occurred in several narrow intervals.

The orientation of these veins was variable, but the principal ones appeared to be striking east-west and dipping steeply south.

Most veins contained 1-2% euhedral pyrite, which was often leached out, resulting in a vuggy texture. Arsenopyrite was conspicuous by its absence.

Logs and assay results are appended. A summary of each hole is given below:

Hole DDH GS5

Drilled beneath GS4 to test the down plunge potential of the No 1 Reef.

Intersected a steeply dipping sequence of shales and sandstones, with the latter component increasing down hole. Minor quartz veining with euhedral pyrite is present throughout.

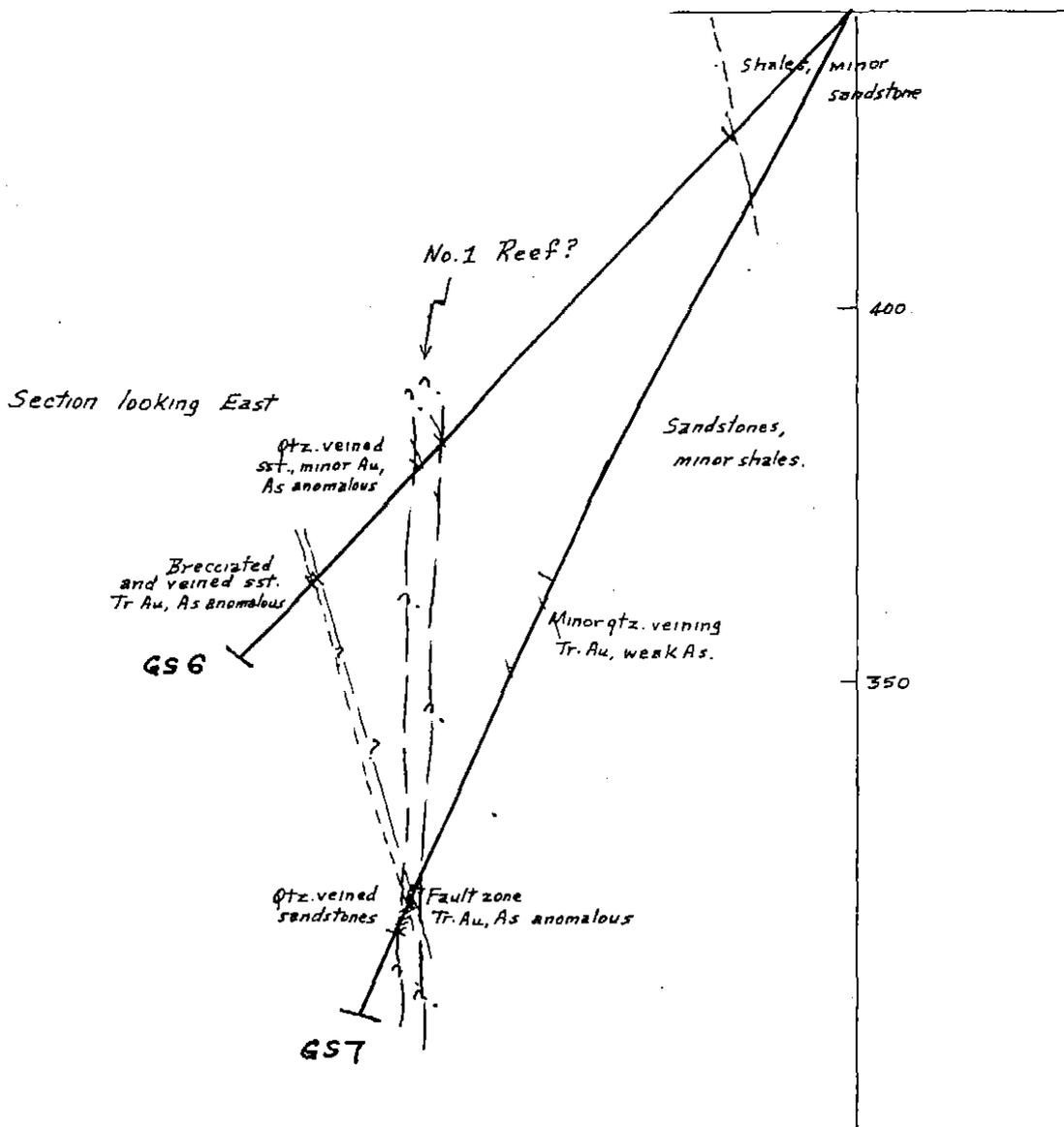
A more significant concentration of veins is associated with a narrow fault zone at 126.7m. However, Au and As values are low. It is possible that this zone represents the down dip continuation of the main auriferous quartz vein structure intersected in GS4 and MD5.

A 0.4m massive quartz vein with 1-2% pyrite was intersected at 152.9m and assayed 0.13g/t Au, and <50ppm As. It is unlikely that this quartz vein equates with the main vein zone in GS4 and MD5. For this to be the case, either the vein system would have to dip north at a moderate angle, or else it would have to be offset by faulting.

Hole DDH GS6

Designed to test the western extension of the No 1 Reef at a relatively shallow depth.

It intersected a sequence of sandstones and shales with the proportion of the former increasing down hole. Core orientation surveys suggest the sequence dips steeply west.



5 cm

NEWNHAM EXPLORATION AND MINING SERVICES		
GOLDSTREAM MINING N.L.		
E.L.1/92: O'BRIENS MINE		
COMPOSITE SECTION GS6, GS7		
0m.	40	Scale: 1:1000
Drawn: LAN	Date: Nov. 93	Figure:

Minor quartz (pyrite) veins were developed throughout, principally in the sandstones. A significant concentration of veins occurs between 81-85m. Gold values in this interval are anomalous but <0.1g/t. Arsenic values are also low but anomalous. This zone is interpreted as being the western extension of the No 1 Reef.

A pyritic brecciated and veined sandstone unit at 105-106m is weakly Au anomalous and strongly As anomalous.

Hole DDH GS7

Drilled beneath GS6 to test the western extension of the No 1 Reef at a greater depth.

Geology was similar to GS6.

A Au and As anomalous quartz veined sandstone unit associated with a narrow fault zone from 130-139m probably equates with the depth extension of the No 1 Reef.

If this is so, then the western extension of the No 1 Reef can be interpreted as being near vertical and swinging in strike to the WNW.

5. CONCLUSION

Results of this three hole drilling program were disappointing. The wide multiple quartz veined No 1 Reef structure intersected in previously drilled holes GS2, GS4, MD3 and MD5 was not intersected.

At best, a quartz veined sandstone unit, which contained anomalous (but not substantial) gold and arsenic, was intersected in each hole and may correlate with the westerly down plunge extension of the No 1 Reef, which is interpreted as changing strike in this area to the WNW.

If this interpretation is correct, then scope for the development of a substantial gold resource in the No 1 Reef is severely diminished.

It is possible, but not probable, that the reef to the west either changes dip to the north or has been faulted to the north. In which case, it may not have been reached by the current holes.

COMPANY: Goldstream Mining N.L.
 PROJECT: O'Briens Mine
 HOLE NUMBER: GS5

Commenced:	27 Sep. 1993
Completed:	01 Oct 1993
Logged By:	L.A.Newnham
Drilled By:	F.W.Ortner

Purpose of Hole
To test the down plunge extension of the O'Briens No.1 reef to the west of previous drilling

Comments on Completion
Shale-sandstone sequence in which sandstone is cut by several generations of thin qtz veins carrying minor euhedral pyrite. A 0.4 m. vein at 152.9 m. carried several % pyrite and arsenopyrite and assayed 0.13 g/t Au. Hole failed to intersect major vein system intersected in GS 4.

Collar Details

Grid	Northing	Easting	Elevation	Dip	Bearing
AMG	5,417,485	569,490	425	- 62	350

Length (m)
157.2

Hole Size	
To (m)	Size
27.4	HQ
157.2	NG 2

Significant Core Loss Zones		
From	To	%Rec.
0.0	27.4	0

Hole Condition on Completion
All casing removed .

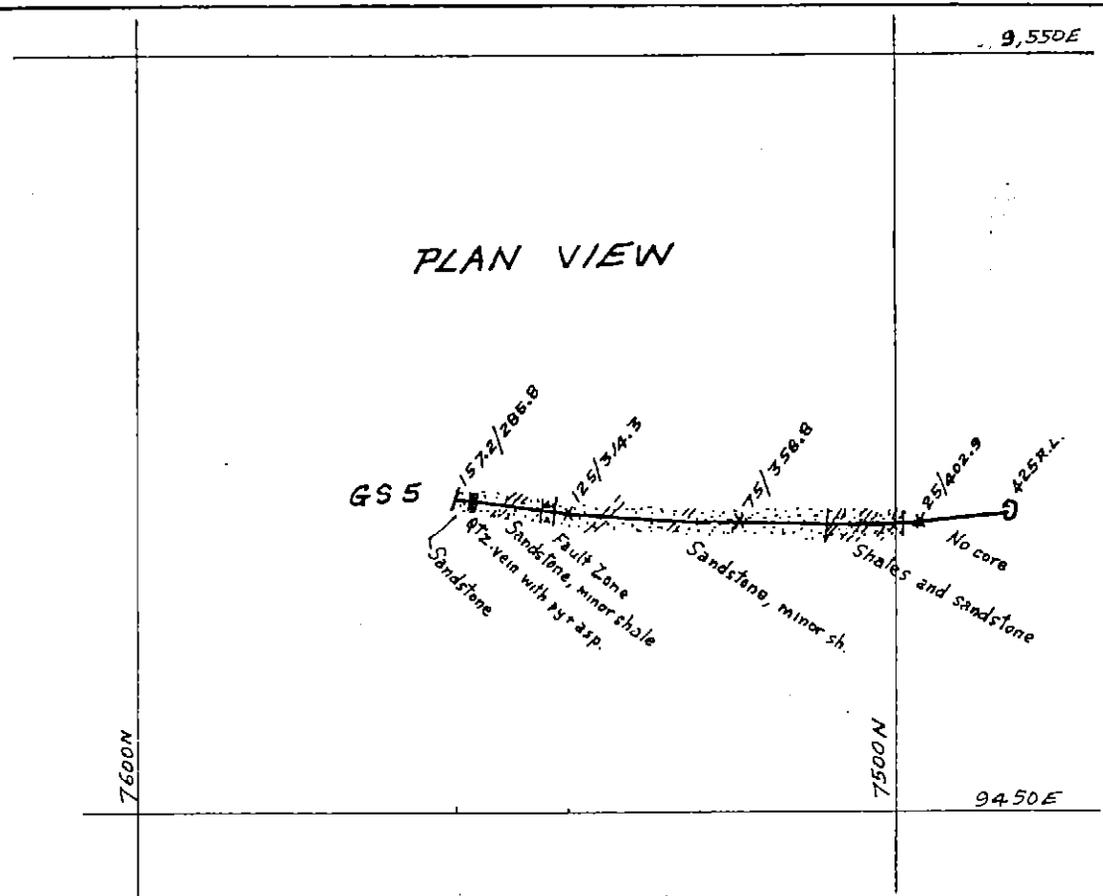
Summary of Results

Depth		Recovery	Description	Assays							
From	To	%		Length	Au	As					
152.9	153.3	100	Qtz vein with several % pyrite	0.4	0.13	<50					

927012

9,550E

PLAN VIEW

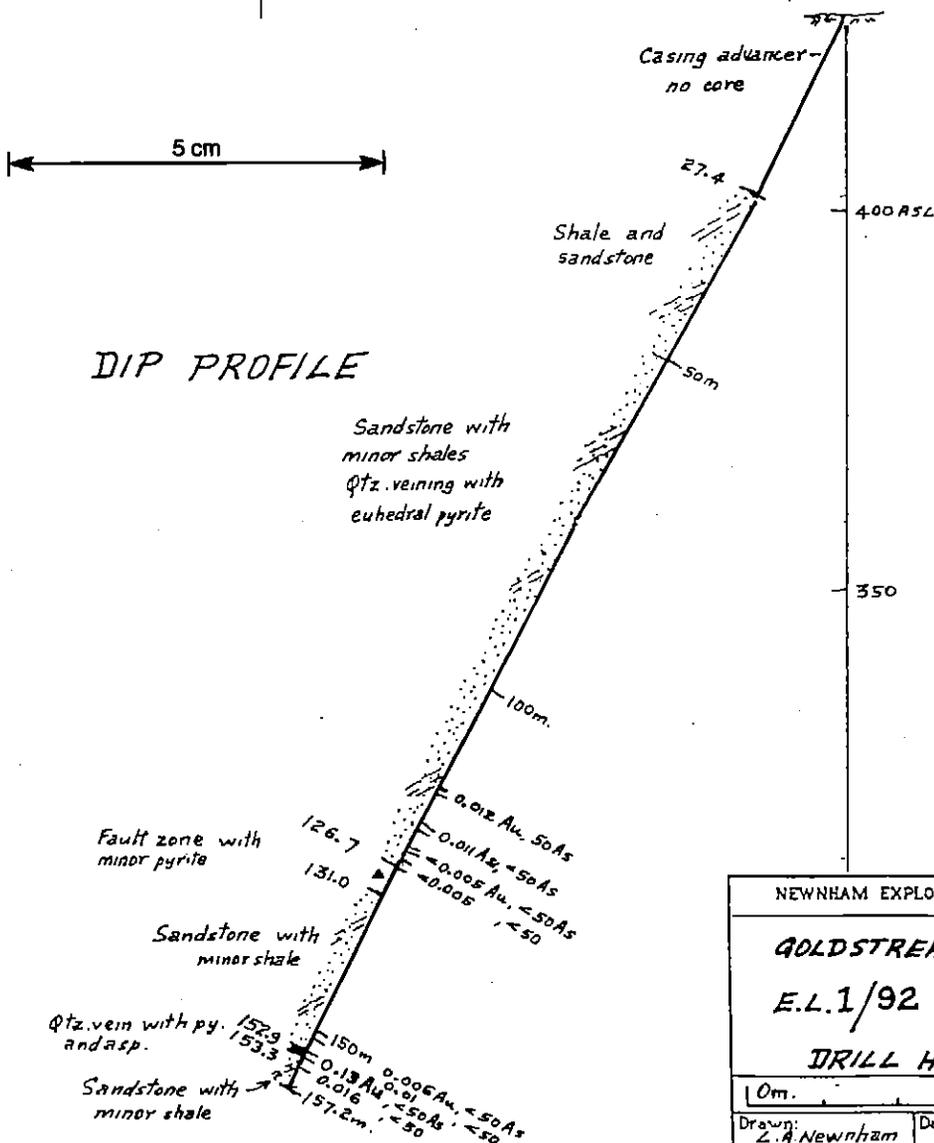


7600N

7500N

9450E

DIP PROFILE



5 cm

NEWHAM EXPLORATION AND MINING SERVICES

GOLDSTREAM MINING N.L.
E.L.1/92 O'BRIENS MINE
DRILL HOLE GS5

0m. 40 Scale: 1:1000
 Drawn: Z.A. Newham Date: NOV. 93 Figure:

COMPANY: Goldstream Mining N.L.
 PROJECT: O'Briens Mine
 HOLE NUMBER: GS 5

Description		Core Recovery			RQD			Assays									
From	To		From	To	%	From	To	%	From	To	Au	As					
0.0	27.4	HQ casing advancer: no core; reduced to NQ 2															
27.4	50.0	INTERBEDDED SHALE AND SANDSTONE: Brown (weathered) to gray medium grained sandstone interbedded with light-dark gray shales; BCA 35-40; core generally competent with most breaks along limonitic joints and shale beds; jointing 30 and 70 CA: low angled jointing strikes 70 to bedding and dips in opposite direction; joints typically limonite and quartz coated; 29.2: 30cm soft puggy clay zone; occasional rusty qtz-pyrite veins in sandstone units below 45m., and increase in abundance below 55m; veins in two orientations: early veins 30 CA along joints, later ones 60-70CA: generally 2-20mm thick; veins leached and vuggy with 2-3 % euhedral pyrite, often on vein margins;	0	27.4	0												
				29.5	100												
				31.2	88												
				40.2	100												
				43.2	93												
				48.1	100												
				49.2	82												
				50	100												
50.0	126.7	SANDSTONE WITH MINOR SHALE and QTZ-SULFIDE VEINING: base of weathering 62m; gradational with unit above; below 62m. sandstone light-medium gray with common thin dark gray black shale interbeds; BCA 30-40 ; core generally competent with fracturing associated with qtz. veins and shale beds; joints often limonite and pyrite coated; occasional 1-20mm qtz-pyrite veins confined to sandstones; dominant vein direction 20-30 CA resulting in long intersections of thin veins (eg) 59-59.8m; all veins vuggy, probably reflecting leaching of pyrite; Pyrite commonly on vein margins, possibly some arsenopy. in some veins; veins typically at high angles to bedding;	50	126.7	100												
									115.6	116.6	0.012	50					
									120.2	121.2	0.011	<50					
									123.5	124.5	<0.005	<50					

927015

COMPANY: Goldstream Mining N.L.
 PROJECT: O'Briens Mine
 HOLE NUMBER: GS 5

Description		Core Recovery			RQD			Assays									
From	To	From	To	%	From	To	%	From	To	Au	As						
	50-126.7 cont.....																
	115.5-116.5: blue white qtz. vein with 1-2 % pyrite and arsenopyrite, 30 CA																
	120.3-121.0: 20cm qtz vein with minor pyrite, sub parallel to CA;																
	123.5-124.5: as above																
126.7	FAULT ZONE: brecciated and broken sandstone and black shale; Fault breccial26.7-127m. and a number of narrow breccia zones through interval; network 1-5mm qtz veins; pyrite common as stringers, blebs and drusy coatings on fracture and joint surfaces;	126.7	129	78				126.8	127.8	<0.005	<50						
			129.9	88													
			131	100													
131.0	SANDSTONE and MINOR SHALE: similar to unit above fault zone; BCA 35-40; core very competent; thin qtz veins common, not leached, including several 5-10 mm veins semi parallel to CA; 137.4: 5 cm bluish white qtz vein; veins more abundant 149-152.9, and contain some dissem py and asp.	131	152.9	100				150.1	151.1	0.006	<50						
								152.1	152.9	0.01	<50						
152.9	QUARTZ VEIN: massive quaetz vein with 1-2 % pyrite and arsenopyrite; approx 70 CA;	152.9	153.3	100				152.9	153.3	0.13	<50						
153.3	SANDSTONE and MINOR SHALE: dark gray sandstone, with thin black shale beds; BCA 45 core very competent; qtz veining continues to 154.3m; veins 2-10 mm., several bedding parallel but generally shallow angle to CA;	153.3	157.2	100				153.3	153.7	0.016	<50						
	END OF HOLE																

027016

COMPANY: Goldstream Mining N.L.
 PROJECT: O'Briens Mine
 HOLE NUMBER: GS 6

Commenced:	06 Oct 93
Completed:	11 Oct 93
Logged By:	L.A.Newnham
Drilled By:	F.L.Ortner

Purpose of Hole
To test western down plunge extension of auriferous quartz veins intersected in previous drill holes beneath the O'Briens No. 2 Lode

Comments on Completion
Hole intersected sequence of west dipping interbedded shales and sandstones. Several zones of thin quartz veins carrying minor pyrite in the sandstone units. Gold values in the veined zones were very low.

Collar Details

Grid	Northing	Easting	Elevation	Dip	Bearing
AMG	5,417,502	569,468	440	-45	348

Length (m)
119.8

Hole Size	
To (m)	Size
19	HQ
119.8	NQ-2

Significant Core Loss Zones		
From	To	%Rec.
0	19	0 (cas.adv)

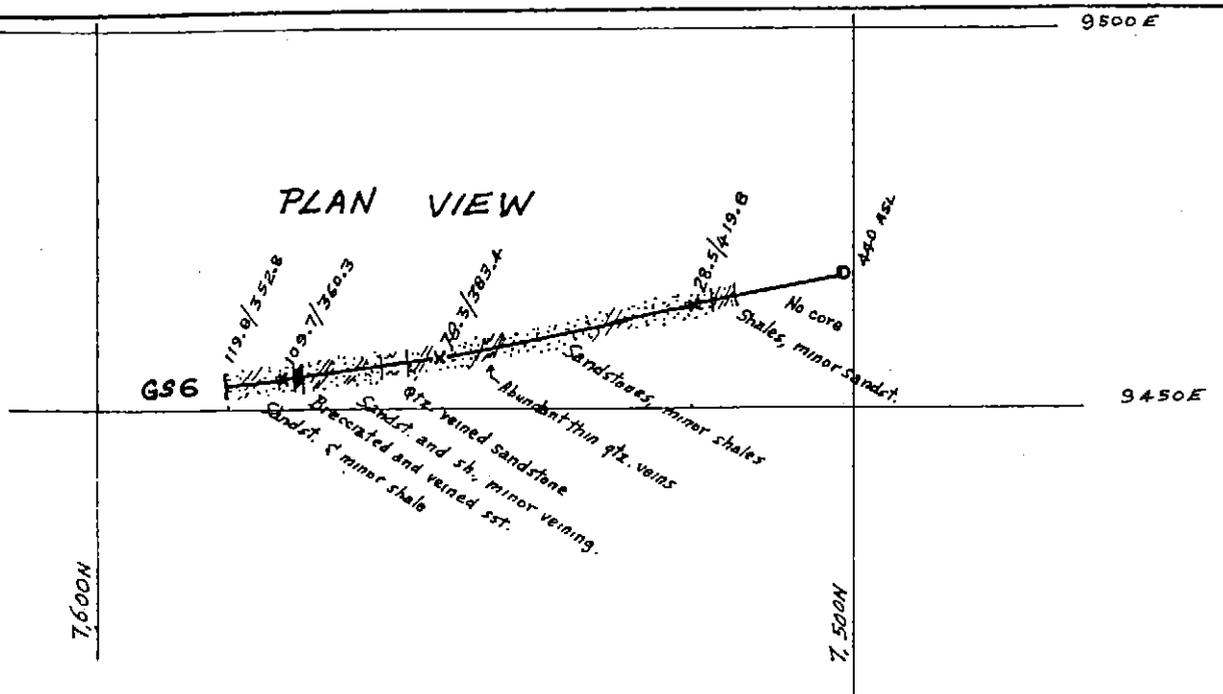
Hole Condition on Completion
All rods and casing withdrawn from hole

Summary of Results

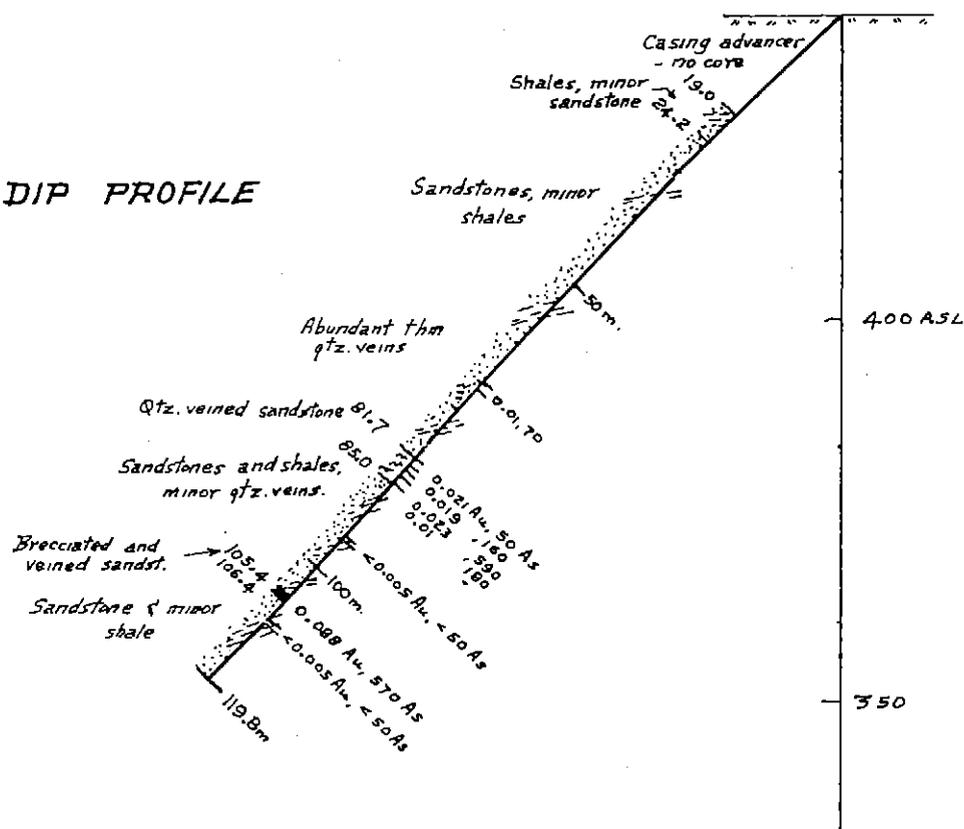
Depth		Recovery %	Description	Assays								
From	To			Length								
			No significant assay results									

927017

PLAN VIEW



DIP PROFILE



NEWHAM EXPLORATION AND MINING SERVICES		
GOLDSTREAM MINING N.L.		
E.L.1/92 : O'BRIENS MINE		
DRILL HOLE GS 6		
0m	40	Scale: 1:1000
Drawn: L.R.Newham	Date: Nov. 93	Figure:

COMPANY: Goldstream Mining N.L.
 PROJECT: O'Briens Mine
 HOLE NUMBER: GS 6

Description		Core Recovery			RQD			Assays									
From	To		From	To	%	From	To	%	From	To	Au	As					
0.0	19.0	HQ Casing Advancer- no core															
19.0	24.2	SHALES and MINOR SANDSTONES: dark gray shales with minor interbedded sandstone; shales extensively weathered to brown limonitic units; BCA 35-40; some broken fractured zones but core reasonably competent; jointing at 20 .70, generally limonite and manganese coated;	19	24.2	100												
24.2	81.7	SANDSTONE and MINOR SHALE: brown (weathered) medium grained sandstone with thin interbeds of dark gray shale; BCA 40-45; core generally fresh below 58 m; rare <5 mm qtz veins above 38 m., 38-40.6 m: weathered and broken sandstones, qtz veined and with minor pyrite; several generations veins 1-5 mm, severely weathered and leached; some broken zones but core reasonably competent; several joint sets, with joints limonite and Mn coated; 68.0-73.0 m: sandstone containing abundant 1-5 mm qtz veins; veins commonly semi parallel CA or at steep angle to CA; rare specks pyrite but brown and leached nature of veins suggests they may have contained significant sulfides;							68	69.5	0.01	70					
			24.2	36.6	100												
			36.6	39.6	60												
			39.6	68	100												
			68	81.7	100												
81.7	85.0	QUARTZ VEINED SANDSTONES: qtz veined sandstones with minor shale beds; early network <5 mm. veins cut by later 5-10 mm. veins with pyrite and minor arsenopy., 35-40 CA; som small veins in shales parallel to bedding; veins still leached;	81.7	85	100				81.5	82.5	0.021	50					
									82.5	83.5	0.019	160					
									83.5	84.5	0.023	590					
									84.5	85.5	0.01	180					

027020

Description		Core Recovery			RQD			Assays								
From	To	From	To	%	From	To	%	From	To	Au	As					
85.0	95.2	85		95.2	100											
								94.3	94.9	<0.005	<50					
		SANDSTONE WITH MINOR SHALE: brown sandstones and minor dark gray shale beds; BCA 25-30; narrow qtz veins with pyrite 91.2-91.6 m. and 94.4-95.0 m; core orientation test at 93.8 m. suggests qtz veins near vertical and striking E-W whilst bedding striking 12 degrees and dipping steeply W;														
95.2	105.4	95.2		105.4	100											
		SHALES and SANDSTONES: Interbedded gray shales and sandstones with only minor qtz veining, <5 mm. and pyritic; BCA 25;														
105.4	106.4	105.4		106.4	100											
		BRECCIATED and VEINED SANDSTONE: Intensely veined and brecciated sandstone; graphitic shales either side of unit; brown weathered / altered color; qtz veins and qtz matrix 2-4 % pyrite and minor arsenopyrite;														
106.4	119.8	106.4		119.8	100											
								109.2	110.2	<0.005	<50					
		SANDSTONE and MINOR SHALE: gray sandstone with minor shale beds; BCA 25; core orientation at 111.4 m. suggests sediments striking 13 degrees and dipping steeply west/ vertical; plentiful 1-5 mm. leached qtz.veins throughout, cut by occasional 10-20 mm. qtz veins striking parallel to drill hole and dipping 50 East; veins carry minor euhedral pyrite; core generally competent except for soft broken shale beds;														
		END of HOLE														

927021

COMPANY: Goldstream Mining N.L.
 PROJECT: O'Briens Mine
 HOLE NUMBER: GS 7

Commenced:	15 Oct 93
Completed:	19 Oct 93
Logged By:	L.A.Newnham
Drilled By:	F.L.Ortner

Purpose of Hole
To test the O'Briens No. 2 Lode to the west and down plunge of previous drilling programs which intersected several substantial gold bearing qtz veins in a sandstone - shale sequence;

Comments on Completion
several zones of narrow qtz veins were intersected but gold values were very low; no major pyrite-arsenopyrite such as those drilled and mined further east were intersected;

Collar Details

Grid	Northing	Easting	Elevation	Dip	Bearing
AMG	5,417,502	569,468	440	-60	348

Length (m)
150.9

Hole Size	
To (m)	Size
15	HQ
150.9	NQ-2

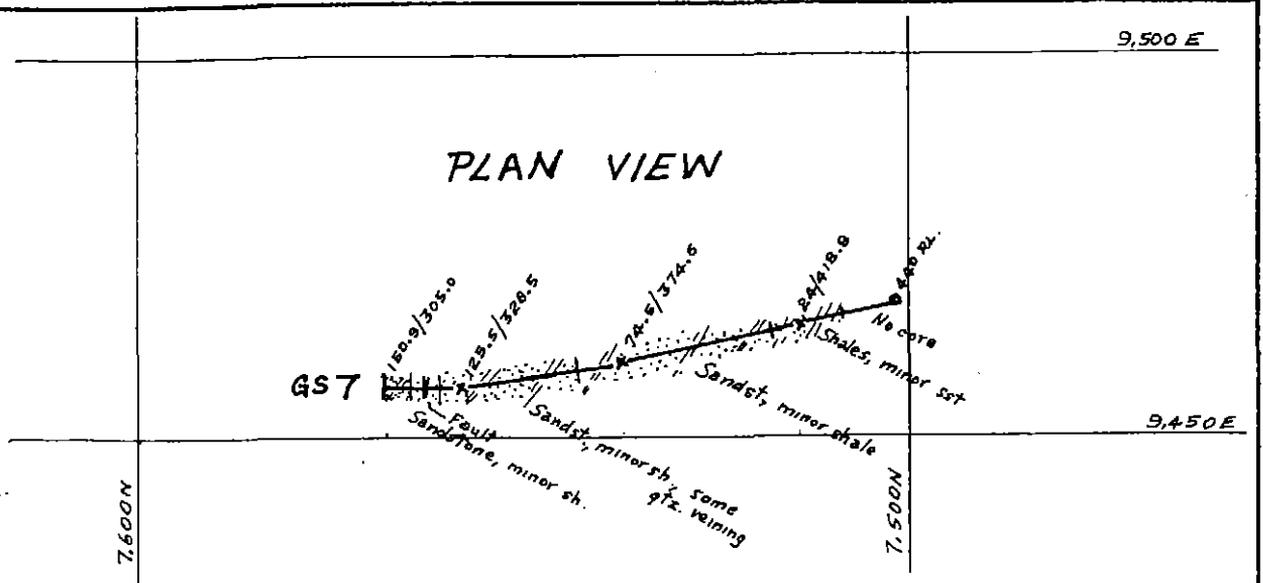
Significant Core Loss Zones		
From	To	%Rec.
0.0	15	0
30.7	36.2	89

Hole Condition on Completion
All rods and casing removed from hole

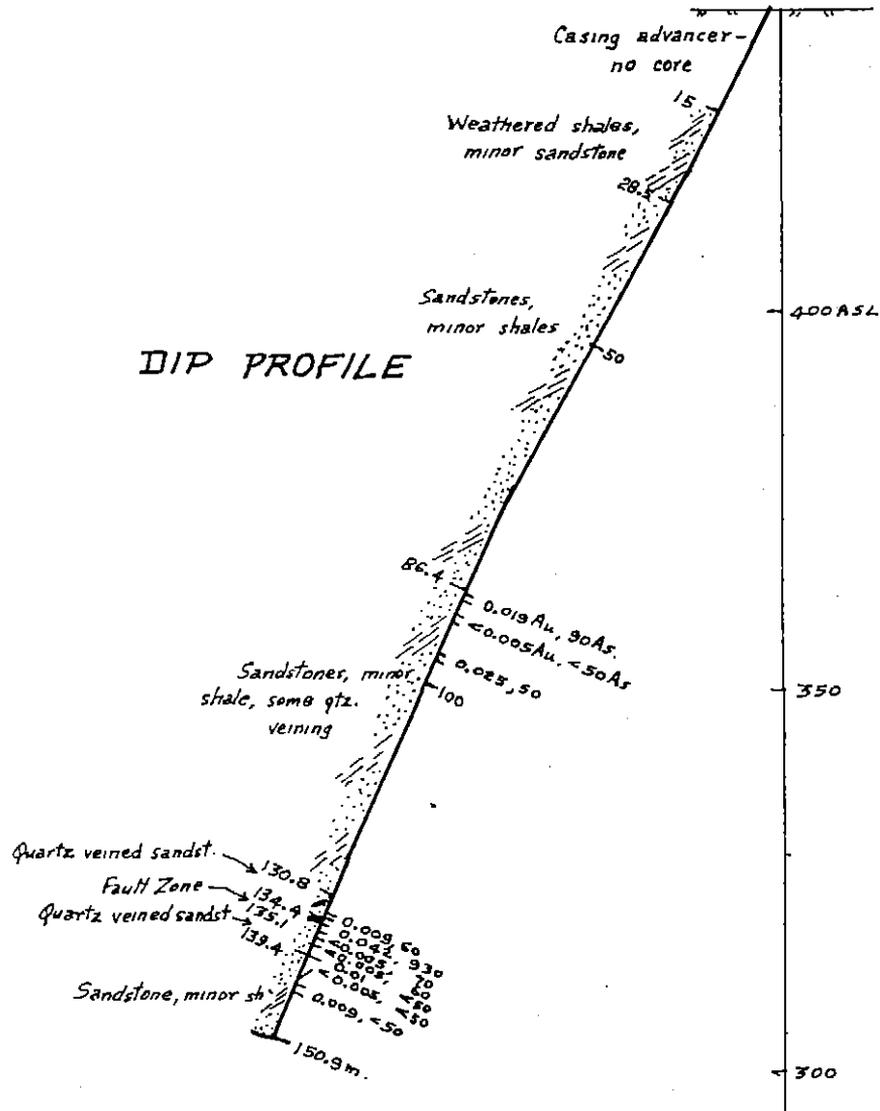
Summary of Results

Depth		Recovery	Description	Assays								
From	To	%		Length								
			No significant assay results									

PLAN VIEW



DIP PROFILE



5 cm

NEWHAM EXPLORATION AND MINING SERVICES

GOLDSTREAM MINING NL

E.L.1/92 O'BRIENS MINE

DRILL HOLE GS7

0 40 Scale: 1:1000

Drawn: L.A.Newham Date: Nov. 93 Figure:

Description		Core Recovery			RQD			Assays									
From	To		From	To	%	From	To	%	From	To	Au	As					
130.8	134.4	QUARTZ VEINED SANDSTONE: dark gray medium grained sandstone BCA 45; cut by numerous micro (<1 mm) - 10 mm. qtz veins typically 30 CA and striking perpendicular to strike of bedding; dissem and blebs pyrite 1-2 % associated with veins; core very competent;	130.8	134.4	100				133.4	134.4	0.009	60					
134.4	135.1	FAULT ZONE: breccia of qtz veined sandstone and shale fragments set in siliceous groundmass; minor dissem pyrite and arsenopyrite (?) <1 % core broken with ilmonite on fractures;	134.4	135.1	100				134.4	135.3	0.042	930					
135.1	139.4	QUARTZ VEINED SANDSTONE: dark gray medium grained sandstone with abundant qtz veins ranging from micro - 20 mm; several generations of veins often with brecciated textures; 1-2 % pyrite and possibly minor arsenopyrite in most veins; core competent;	135.1	139.4	100				135.3	136.3	<0.005	70					
									136.3	137.3	<0.005	60					
									137.3	138.3	0.01	<50					
									138.3	139.3	<0.005	<50					
139.4	150.9	SANDSTONE and MINOR SHALE: dark gray shales and sandstones cut by 1-3 mm. qtz veins whose abundance decreases down hole: sparse after 147 m; BCA 40; core orientation at 148 m. suggests bedding 70-80 degrees to SW; 143.7 m.: 15 mm. qtz vein with pyrite 30 CA; 144.5 m.: 50 mm brecciated qtz vein with pyrite and minor arsenopyrite (?);	139.4	150.9	100				143.4	144.6	0.009	<50					
		END OF HOLE															

927026

NEWNHAM EXPLORATION AND MINING SERVICES

SAMPLE DATA

Project: O'BRIENS
Client: GOLDSTREAM

Sample Type: CORE
Date Collected: 01 Nov 93

Collected By: LAN
Assayed By: ANALABS

Number	Location	Description	Assays					
			Au	As				
GS 001	GS7: 86.8-87.8	Qtz Veined Sst ± minor sh.	0.019	90				
GS 002	GS7: 89.8-90.8	Qtz Veined sst	<0.005	<50				
GS 003	GS7: 95.5-96.5	Qtz veined soft slumped shales + sandstones	0.025	50				
GS 004	GS7: 133.4-134.4	Qtz veined sst. + (py)	0.009	60				
GS 005	GS7: 134.4-135.3	Breccia / Fault zone ± sulfides (py + asp?)	0.042	930				
GS 006	GS7: 135.3-136.3	Qtz veined sst ± py + (asp?)	<0.005	70				
GS 007	GS7: 136.3-137.3	" " " " " "	<0.005	60				
GS 008	GS7: 137.3-138.3	Qtz veined sst ± crs. py. in Vems.	0.010	<50				
GS 009	GS7: 138.3-139.3	" " " " " py + (asp) in some vems	<0.005	<50				
GS 010	GS7: 143.4-144.6	Qtz veined sst ± minor py + (asp) in Qtz vems	0.009	<50				
GS 011	GS6: 68.0-69.5	Qtz veined sst + minor Q. V. shales.	0.010	70				
GS 012	GS6: 81.5-82.5	Qtz + (py) veined sst	0.021	50				
GS 013	GS6: 82.5-83.5	Qtz + (py) veined sst	0.019	160				
GS 014	GS6: 83.5-84.5	Qtz + (py) veined sst + shales.	0.023	590				
GS 015	GS6: 84.5-85.5	" " " " " "	0.010	180				

170176



ANALABS

A Division of Inductron Testing Services (Australia) Pty. Ltd.
A.C.N. 004 591 664

ANALYTICAL DATA

Phone (004) 316837 14 Thirkell St. COOEE TAS 7320 NEWNHAM Fax (004) 318890

ANALYTICAL REPORT No. 106743.60.09844

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:
Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

ORDER No.: PROJECT
L. NEWNHAM
DATE RECEIVED: 04/11/93 **RESULTS REQUIRED:** ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
2	25/11/93	1	26

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
001/026	BC Prep : 6P033	Au, Au (R), Au (S) / 66313

RESULTS TO
Mr Lindsay Newnham
Newnham Exploration & Mining Services
P.O. Box 1002
DEVONPORT TAS 7310

RESULTS TO
Goldstream Mining NL
P.O. Box 1073
WEST PERTH WA 6872

RESULTS TO

REMARKS

AUTHORISED OFFICER

ANALABS

A Division of Microscope Testing Services (Australia) Pty. Ltd.
A.C.N. 004 591 864

ANALYTICAL DATA

SAMPLE PREFIX

REPORT No.

REPORT DATE

CLIENT ORDER No.

PAGE

106743.60.09844

25/11/93

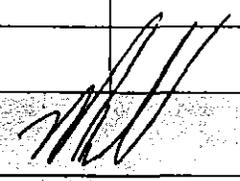
L NEWNHAM

1 OF 2

TUBE No.	SAMPLE No.	Au	Au (R)	Au (S)	As					
1	GS 001	0.019	-	-	90					
2	GS 002	<0.005	-	-	<50					
3	GS 003	0.025	-	-	50					
4	GS 004	0.009	-	-	60					
5	GS 005	0.042	-	-	930					
6	GS 006	<0.005	-	-	70					
7	GS 007	<0.005	-	-	60					
8	GS 008	0.010	-	-	<50					
9	GS 009	<0.005	-	-	<50					
10	GS 010	0.009	-	-	<50					
11	GS 011	0.010	-	-	70					
12	GS 012	0.021	0.029	-	50					
13	GS 013	0.019	-	0.059	160					
14	GS 014	0.023	-	-	590					
15	GS 015	0.010	-	-	180					
16	GS 016	<0.005	-	-	<50					
17	GS 017	0.088	-	-	570					
18	GS 018	<0.005	-	-	<50					
19	GS 019	0.012	-	-	50					
20	GS 020	0.011	-	-	<50					
21	GS 021	<0.005	-	-	<50					
22	GS 022	<0.005	<0.005	-	<50					
23	GS 023	0.006	-	-	<50					
24	GS 024	0.010	-	0.008	<50					
25	GS 025	0.130	-	-	<50					

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
- = element not determined

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ANALABS

 * Director of Health Protection Services (Australia) Pty. Ltd.
 A.C.N. 004 591 664

ANALYTICAL DATA

SAMPLE PREFIX

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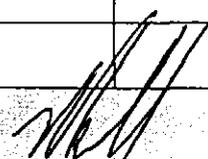
L NEWNHAM

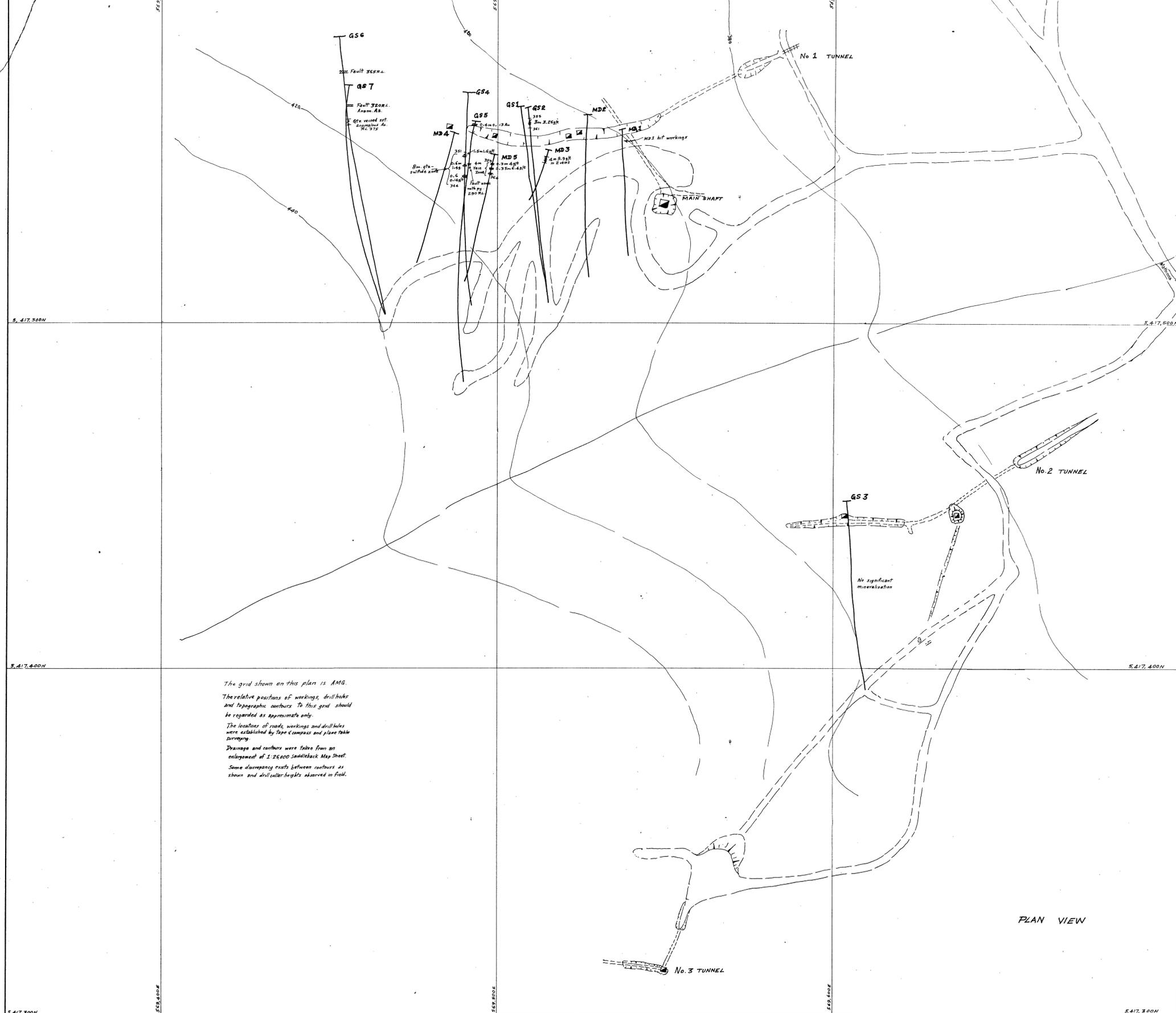
2 OF 2

TUBE No.	SAMPLE No.	Au	Au (R)	Au (S)	As				
1	GS 026	0.016	-	-	<50				
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23	DETECTION	0.005	0.005	0.005	50				
24	UNITS	ppm	ppm	ppm	ppm				
25	METHOD	GG313	GG313	GG313	GA140				

Results in ppm unless otherwise specified
 T = element present; but concentration too low to measure
 X = element concentration is below detection limit
 - = element not determined

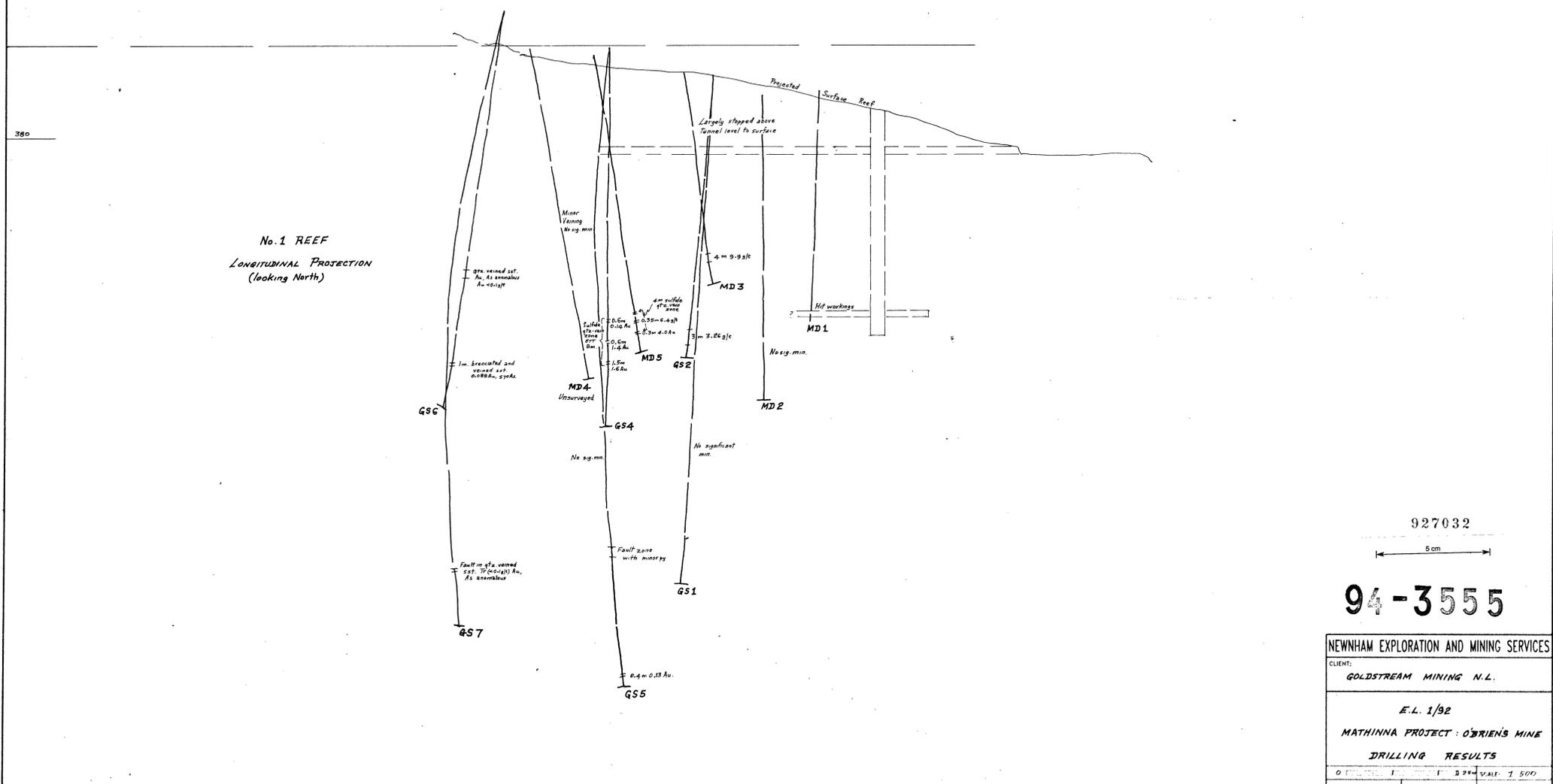
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The grid shown on this plan is AMG.
 The relative positions of workings, drillholes and topographic contours to this grid should be regarded as approximate only.
 The locations of roads, workings and drillholes were established by tape & compass and plane table surveying.
 Drainage and contours were taken from an enlargement of 1:25,000 Saddleback Map Sheet.
 Some discrepancy exists between contours as shown and drill collar heights observed in field.

PLAN VIEW



No. 1 REEF
 LONGITUDINAL SECTION
 (looking North)

927032
 5cm

94-3555

NEWHAM EXPLORATION AND MINING SERVICES
 CLIENT: GOLDSTREAM MINING N.L.
 E.L. 1/92
 MATHINNA PROJECT: O'BRIEN'S MINE
 DRILLING RESULTS
 DRAWN: J. Newham DATE: Nov 92 FIGURE: