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	NQ 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					

DOWN HOLE SURVEY DATA

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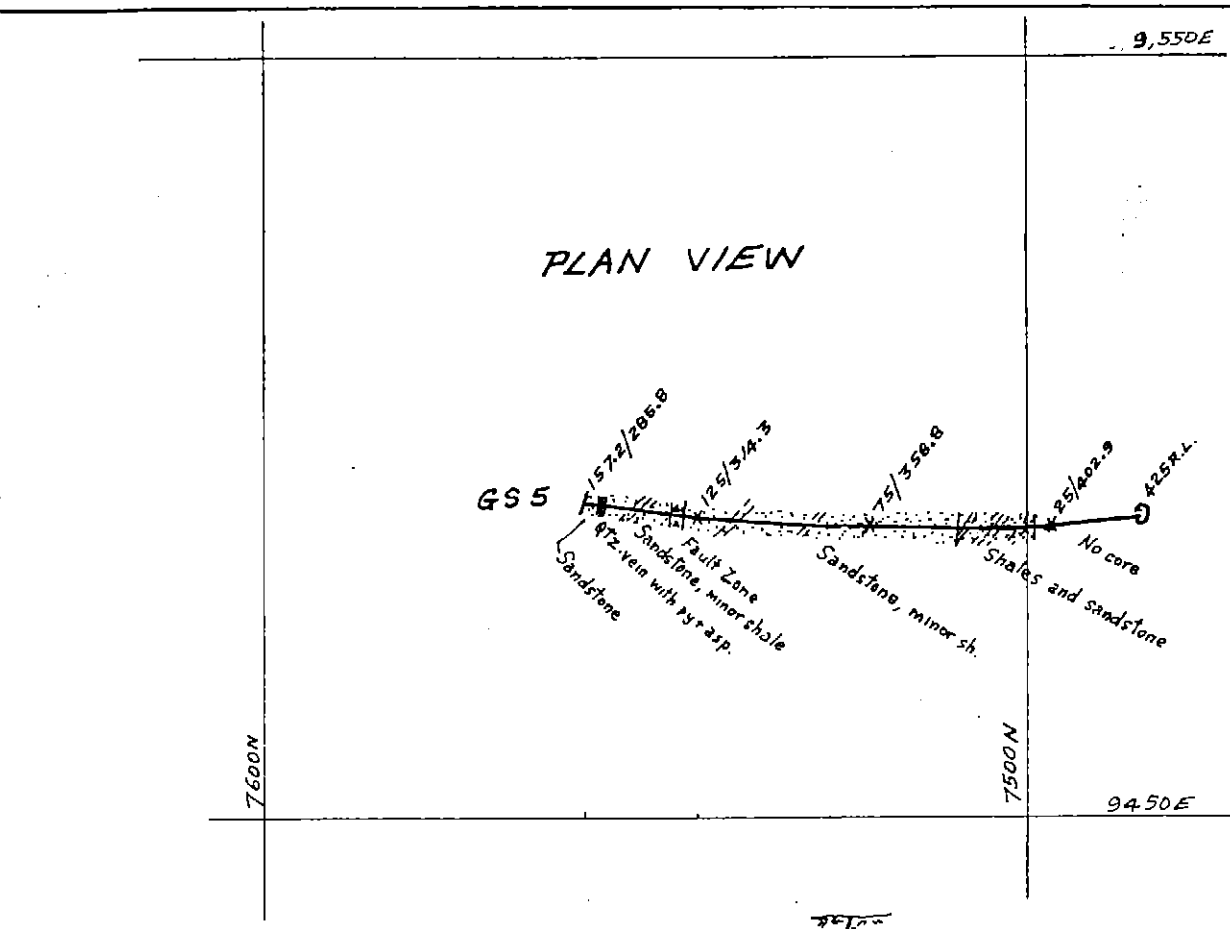
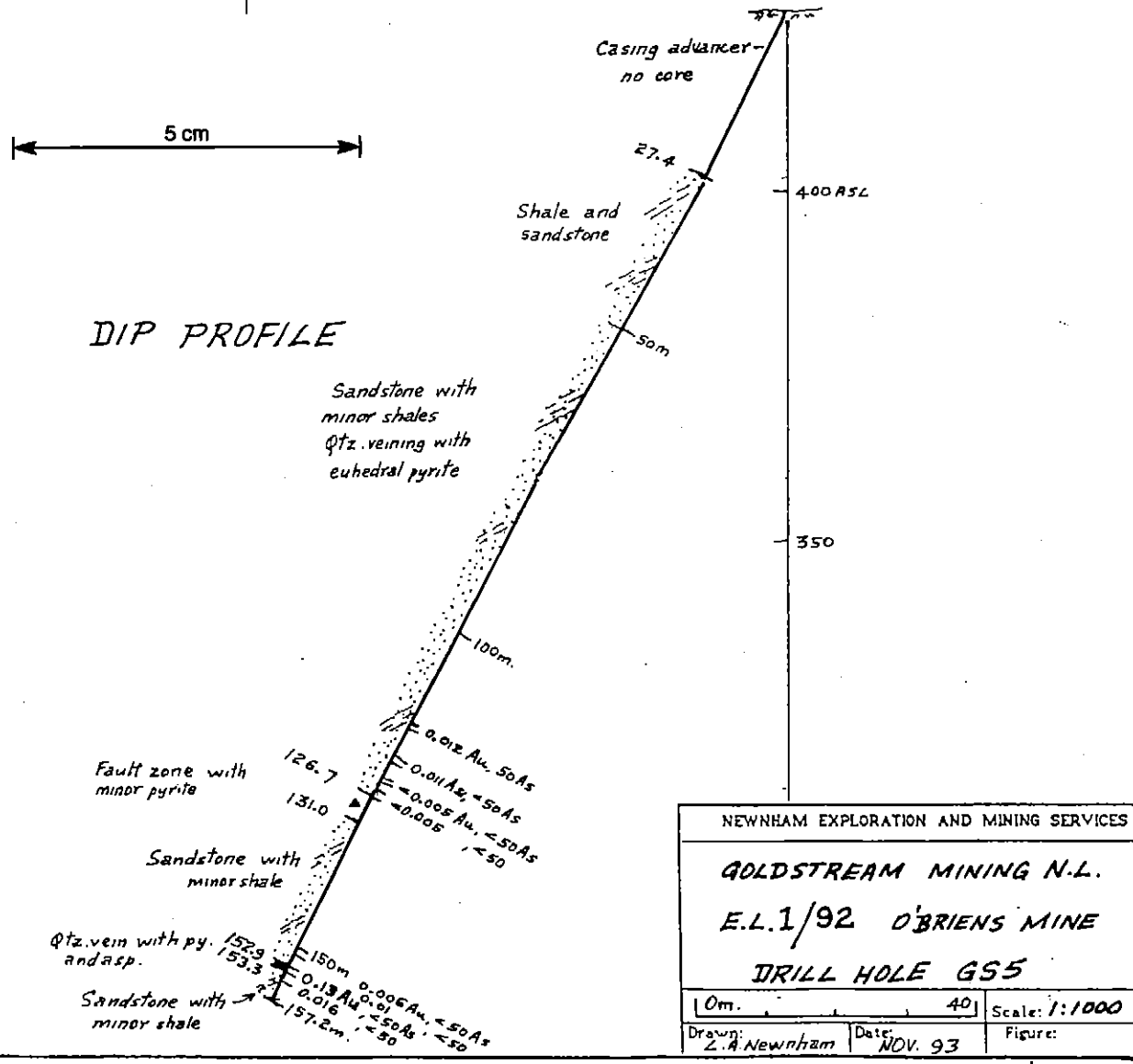
Depth	Dip	Bearing	Interval		Length	Vertical Distance		Horizontal Distance		Co-ordinates			
(m)		(AMG)	From	To	(D)	D.sin dip	R.L.	D. cos dip (HD)	Cumulative HD	N. distance HD. cos brg.	N. co-ordinate	E. distance HD. sin brg.	E. co-ordinate
COLLAR	-62	350					425.00				5,417,485.0		569,490.0
0	-62	350	0	25	25	22.07	402.93	11.74	11.74	11.56	5,417,496.6	-2.04	569,488.0
50	-62	360	25	75	50	44.15	358.78	23.47	35.21	23.47	5,417,520.0	0.00	569,488.0
100	-62.7	2	75	125	50	44.43	314.35	22.93	58.14	22.92	5,417,543.0	0.80	569,488.8
150	-62.5	7	125	153.6	28.6	25.37	288.98	13.21	71.35	13.11	5,417,556.1	1.61	569,490.4
157.2	-62.5	7	153.6	157.2	3.6	3.19	285.79	1.66	73.01	1.65	5,417,557.7	0.20	569,490.6
157.2													





NEWNHAM 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. Newnham	Date: NOV. 93
	Figure:

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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				

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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	131.0	**FAULT ZONE:** brecciated and broken sandstone and black shale: Fault breccia126.7-127m. 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	152.9	**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	153.3	**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	157.2	**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: **END OF HOLE**	153.3	157.2	100				153.3	153.7	0.016	<50				