

COMPANY: GOLDSTREAM MINING N.L.
 PROJECT: O'BRIENS MINE
 HOLE NUMBER: GS 2

Commenced	05 May 1992
Completed	07 May 1992
Logged By	L.A. Newnham
Drilled By	F. Ortnier

Purpose
To test the O'Briens Reef midway between GS 1 and the No.1 Tunnel, close to the former intersection MD3

Comments on Completion
O'Briens Reef was represented by a 5m (true width) zone of intensely fractured and quartz veined sandstones, of which 3m, assayed 3.26g/t Au. The principal quartz-pyrite-arsenopyrite vein within this interval assayed 9.0g/t over 0.6m. The reef zone was of similar width but lower grade compared with MD3.

Collar Details

Northing	Easting	Elevation	Dip	Bearing	Grid
45m / 223	AMG from Main Shaft		45	353	AMG

Length
87.5m

Collar between 5,417,400N - 5,417,600N and 569,500E - 569,700E

Down Hole Surveys		
Depth	Dip	Bearing
46.0	46.5	353
67.0	46.5	354

Core Size	
Interval	Size
0 - 2.0	HW
2.0 - 30.0	HQ
3.0 - 87.5	NQ - 2

Significant Core Loss Zones	
Interval	% Recovered

Summary

Depth		Elevation		Recovery %	Description	Assays				
From	To	From	To			Length	Au g/t	As %		
77.7	82.7			100.0	Abundant quartz veins in strongly fractured sandstones,	5.0	3.26	0.98	(3m. true)	3.27
78.7	79.7				Major quartz-pyrite-arsenopyrite vein	1.0	9.00	2.90	(0.6m true)	

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Core Recovery						Description		Assays							
From	To	m.	%	From	To	Lithology and Mineralisation	Structure	From	To	Au g/t	As %				
SUMMARY LOG:															
				0.0	2.0	No Core									
				2.0	63.5	Weathered sandstones with minor shale bands and occasional thin quartz veins.									
				63.5	66.9	Fractured sandstones with abundant quartz veins									
				66.9	77.0	Sandstones with minor shales and abundant thin quartz veins.									
				77.0	85.4	Zone of fractured sandstones and quartz veins with pyrite and arsenopyrite (O'Briens Reef)									
				85.4	87.5	Sandstones and shales.									
DETAILED LOG															
0.0	2.0	0	0	0.0	2.0	No core - HW casing									
2.0	12.5	4.0	38	2.0	63.5	Sandstones with minor shale bands; Sandstones weathered, light brown. ironstained; shales soft and dark gray.	Soft, weathered and broken; numerous clay bands; jointing common at 30', 60' and bedding parallel at 40'	49.7	50.7	0.009	<0.01				
12.5	15.0	1.8	72			Minor qtz veins 2-5mm., throughout, widely spaced but increasing in abundance towards base of unit. No sulfides in veins.		54.1	55.1	0.008	0.015				
15.0	16.1	0.3	27			Veins at random orientations from 10-80° CA; 49-53m. zone of more intense veining, with fractured veins to 20mm.	BCA's throughout 40'	62.7	63.8	0.021	0.024				
16.1	18.1	1.2	60												
18.1	19.1	0.4	40												
19.1	21.0	1.5	79												
21.0	23.1	1.7	81												
23.1	25.1	1.8	90												
25.1	26.7	1.4	87												
26.7	28.0	0.7	54	63.5	66.9	Sandstone, strongly fractured with abundant qtz. veins throughout; no sulfides in veins.	Very broken core; all fracture surfaces iron stained; several brown clay zones	63.8	64.8	0.013	0.021				
28.0	29.5	1.4	93					64.8	65.8	0.008	0.020				
29.5	31.1	1.5	94					65.8	66.8	0.046	0.085				
31.1	32.9	1.7	94												
32.9	35.3	2.3	96	66.9	77.0	Sandstones and minor shale beds; Ssts. light gray brown, weathered and iron stained; shales dark gray, bedded and fissile, abundant thin (2-10mm) qtz.veins fractured, 70', 20'CA; coarse euhedral pyrite in all qtz. veins in fresher units.	Ssts. becoming competent and less weathered -fresh after 73m. Shale beds very broken. BCA's 40'	73.2	74.2	0.044	0.019				
35.3	36.9	1.2	75					74.2	75.2	0.095	0.010				
36.9	39.6	1.5	56												
39.6	41.1	1.4	93												
41.1	43.1	2.0	100												
43.1	43.8	0.5	71												
43.8	46.1	2.3	100												

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HOLE NUMBER: 6S2

Core Recovery				Description				Assays				
From	To	m.	%	From	To	Lithology and Mineralisation	Structure	From	To	Au g/t	As %	Au (Fire Assay)
46.1	48.4	1.8	78	77.0	85.4	Zone of major qtz. veining in highly fractured sandstones, (O'Briens Reef); ssts. strongly iron stained ? leached sulfides; 78.6-79.6m milky white qtz. vein with abundant arsenopyrite and pyrite; asp. gives vein a bluish-gray color in places; Qtz veins in remainder of unit contain abundant arsenopy. and pyrite.	Sandstones sheared and very broken; shearing 20' CA; major qtz. veins are more competent.	77.7	78.7	1.72	0.291	2.05
48.4	81.3	32.9	100					78.7	79.7	9.00	2.90	8.68
81.3	81.6	0.2	66					79.7	80.7	1.49	0.168	1.70
81.6	81.9	0.2	66					80.7	81.7	2.60	0.438	1.61
81.9	87.5	5.6	100					81.7	82.7	1.50	1.10	2.31
				82.7	83.7	0.008	0.012					
				83.7	84.7	0.016	0.037					
				85.4	87.5	Shales and sandstones; shales dark gray, ssts. light gray, occasional thin qtz. veins with coarse euhedral pyrite.	Ssts. fresh and competent; shales fissile and broken; jointing at 25' and 45' CA; BCA 25'					
						END OF HOLE						

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