

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole No. : B37

Date Started : 5 February 1997

Drilled by : Diamond Drilling (Tas.) P/L

Date Completed : 26 February 1997

Logged by : R.A.Keele

Collar

Northing : 5439565.58
Easting : 483363.22
R.L. : 2059.13
Dip : -49.2
Bearing : 343.02

Hole Details

Final Depth : 171.6 m
Hole Length : 171.6 m
Core Size : 0.0 91.5 HQ
91.5 171.6 HQ

Purpose

To test for the North Tasmania Reef down dip from the Inclined Shaft

Summary Results

From	To	Length	Description	Au	Ag	Cu	Pb	Zn	As	S
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403059

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole B37

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From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays										
									From	To	Au	Ag	As	Cu	Pb	Zn	S		
0.0	6.0	No Core	OPN	nil	0.0	7.6	20	8											
					7.6	9.0	84	0											
6.0	17.5	Light grey coloured quartzite/sandstone; sandstone becomes distinctly darker over last 2m at the base of the unit. 7.8 - 8.9m broken core.	OUT	sll	9.0	11.9	100	22											
					11.9	14.0	65	10											
					14.0	16.5	95	43											
					16.5	18.0	84	34											
17.5	23.0	Granule/pebble quartzite conglomerate: broken core 17.5 - 20.0m	OLT	slc	18.0	19.5	33	0											
					19.5	22.5	83	21											
					22.5	25.5	91	44											
23.0	26.0	Pebble quartzite conglomerate.	OLT	slc	25.5	28.3	96	20											
					28.3	31.5	67	13											
26.0	29.5	Fine to medium grained quartzite/sandstone with occasional gritty layers. Bedding 10 - 15 CA	OLT	slc	31.5	34.5	92	47											
					34.5	37.5	87	48											
					37.5	40.3	96	40											
29.5	36.0	(Dark) grey quartzite/sandstone. 10cm grit/pebble layer at 31.3m; unit grades downwards to sandstone with minor quartz veins. Flakey sandstone with anastomosing siltstone bands, stylolitic cleavage well developed due to pressure solution.	OLT	slc	40.3	43.0	53	9											
					43.0	44.5	94	39											
					44.5	46.5	90	32											
					46.5	48.4	71	23											
					48.4	52.3	79	31											
					52.3	54.8	80	18											
36.0	39.6	Pebble/quartzite conglomerate	OLT	slc	54.8	57.8	86	41											
					57.8	60.0	83	32											
39.6	46.6	Quartzite/sandstone tending to grit/granule conglomerate at base of interval.	OLT	slc	60.0	61.5	94	42											
					61.5	62.9	71	16											
					62.9	65.7	61	12											
46.6	52.2	Flakey (ie anastomosing silty layers) of sandstone with occasional quartz pebbles; anastomosing bedding parallel cleavage in silty layers.	OLT	slc	65.7	67.6	64	0											
					67.6	68.7	55	0											
					68.7	70.6	6	31											
					70.6	72.4	81	28											
52.2	57.6	Quartzite/sandstone with occasional very thin pebble beds 10 CA; a conspicuous striated fault at 52.3m	OLT	slc	72.4	73.7	63	0											
					73.7	75.5	67	0											

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From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays									
									From	To	Au	Ag	As	Cu	Pb	Zn	S	
		20 CA. (60 degree angle between fault and bedding)			75.5	77.3	68	7										
					77.3	78.6	68	0										
57.6	58.1	Thin decomposed limestone/fine grained sandstone/ quartzite bed (pyritic) 10 CA.	OLT	slc	78.6	80.6	40	20										
					80.6	82.9	36	0										
					82.9	85.0	90	0										
58.1	59.2	Grit/granule conglomerate/quartzite.	OLT	slc	85.0	87.5	59	0										
					87.5	90.2	43	0										
59.2	60.3	Fine grained sandstone/(siltstone).	OLT	slc	90.2	91.5	18	0										
					91.5	92.6	6	0										
60.3	68.9	Coarse grained sandstone/gritstone, anastomosing silty layers, becoming silicified (ie quartzitic from 67m onwards). 60.3 - 61.3m weakly pyritic, 64.2 - 67.5m weakly pyritic mostly on fracture/fault surfaces Fault striations at 61 and 66m, 45 CA. 68.0 - 68.9m pale alteration patches (calcareous matrix in pure white sandstone aggregates) with minor vuggy white quartz veins.	OLT	slc	92.6	94.5	13	0										
					94.5	95.9	21	0										
					95.9	97.5	63	0										
					97.5	99.9	35	0										
					99.9	103.5	7	0	99.7	103.5	0.1	<1	500	950	90	310	2.00	
					103.5	105.0	11	0	103.5	105.0	<0.01	<1	24	8	<5	13	1150	
					105.0	106.5	50	0	105.0	106.5	<0.01	<1	6	13	25	82	2200	
					106.5	108.3	12	0										
					108.3	109.5	36	0										
68.9	73.7	Grit/granule quartzitic sandstone. Intraclasts well developed. 70.6 - 70.8m strongly carbonaceous pyritic zone, probably limestone.	OLT	slc	109.5	111.3	23	0										
					111.3	113.9	42	0										
					113.9	115.5	86	0										
					115.5	117.3	88	13	150.0	151.0	<0.01	<1	14	60	15	15	1700	
73.7	81.0	Coarse grained sandstone/grit, local granule conglomerate beds. 73.5 - 75.5m black decomposed carbonaceous sandstone/siltstone beds with pyrite remainder of this interval variably carbonaceous and pyritic and thoroughly decomposed.	OLT	slc	117.3	120.3	67	14	151.0	152.0	<0.01	<1	10	110	<5	12	1600	
					120.3	124.5	24	0	152.0	153.0	<0.01	<1	12	14	10	19	1050	
					124.5	127.5	15	0										
					127.5	130.5	24	0										
					130.5	133.5	57	0										
					133.5	135.1	50	0										
81.0	91.0	Siltstone, minor sandstone beds, carbonaceous and pyritic, calcareous.	OLT	slc	135.1	137.2	69	8										
					137.2	140.7	38	6										
					140.7	143.4	82	19										
91.0	115.3	Sandstone 15 CA at 137m. 99.5 - 103.5m pyritic sandstone includes 4cm massive quartz vein with	OLT	slc	143.4	147.6	40	15										
					147.6	149.7	46	0										

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From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays										
									From	To	Au	Ag	As	Cu	Pb	Zn	S		
		15% pyrite. 105.0 - 106.5m includes irregular mostly barren quartz veins (note massive core loss between 103.5 and 105.0 of 90%). 108.3 - 115.3m variably carbonaceous and fine grained pyritic sandy limestone.			149.7	151.5	47	0											
					151.5	154.5	30	6											
					154.5	156.5	57	0											
					156.5	160.5	20	0											
					160.5	162.6	22	0											
115.3	119.0	Sandstone/quartzite.	OLT	slc															
119.0	140.5	Sandstone, locally weakly pyritic, especially towards the top of the interval. 119.0 - 133.3m strongly carbonaceous and variably pyritic interval, possibly limestone	OLT	slc															
140.5	147.5	Granule-pebble conglomerate quartzite.	OLT	slc															
147.5	154.3	Sandstone (locally quartzitic). Variably carbonaceous, minor vuggy quartz veins, locally more carbonaceous and pyritic adjacent to the veins.	OLT	slc															
154.3	155.5	Conglomerate/quartzite.	OLT	slc															
155.5	162.0	Sandstone/quartzite, locally carbonaceous and pyritic in the fine grained calcareous siltstone beds.	OLT	slc															
162.0	169.5	Massive core loss in thoroughly decomposed carbonaceous/calcareous siltstone/limestone beds. Hole ends in sandstone/quartzite rubble, apparently having gone through a 6m cavity. No indication that the cavity was old workings although it was at the same RL as North Tasmania 4 Level.	OLT	slc															
		E.O.H. at 171.6m.																	

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