BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole No. : B40

Date Started	:	30 April 1997	**Drilled by**	:	Diamond Drilling (Tas.) P/L
Date Completed	:	21 May 1997	**Logged by**	:	Richard Keele

Collar

Northing	:	5439602.00
Easting	:	483415.00
R.L.	:	2055.67
Dip	:	-58
Bearing	:	27

Hole Details

Final Depth	:	240.10 m
Hole Length	:	240.1
Core Size	:	HQ

Purpose

To test the North Tasmania Reef below the 4 Level Workings

Summary Results

From	To	Length	Description	Au	Ag	Cu	Pb	Zn	As	S

No Significant Mineralisation

Survey Sheet

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log - Down Hole Survey Data

Hole Number **B 40**

Depth	Dip	Brg (A.M.G.)	From	To	Length	Sin.Dip	Vertical Difference	R.L.	Cos.Dip	Horizontal Difference	Cos.Brg	Diff. N	Northing	Sin.Brg	Diff. E	Easting
Collar				0				2055.67					5439602.00			483415.00
30	-57.5	27	0	46.5	46.5	-0.84	-39.22	2016.45	0.54	24.98	0.89	22.26	5439624.26	0.45	11.34	483426.34
63	-58.5	26	46.5	78	31.5	-0.85	-26.86	1989.59	0.52	16.46	0.90	14.79	5439639.05	0.44	7.22	483433.56
93	-59.0	27	78	108	30	-0.86	-25.72	1963.88	0.52	15.45	0.89	13.77	5439652.82	0.45	7.01	483440.57
123	-60.0	26.5	108	137.5	29.5	-0.87	-25.55	1938.33	0.50	14.75	0.89	13.20	5439666.02	0.45	6.58	483447.15
152	-61.0	28	137.5	167	29.5	-0.87	-25.80	1912.53	0.48	14.30	0.88	12.63	5439678.65	0.47	6.71	483453.87
182	-61.0	27.5	167	197.5	30.5	-0.87	-26.68	1885.85	0.48	14.79	0.89	13.12	5439691.77	0.46	6.83	483460.70
213	-61.0	28	197.5	240	42.5	-0.87	-37.17	1848.68	0.48	20.60	0.88	18.19	5439709.96	0.47	9.67	483470.37
240	-62.0	29	240	240.1	0.1	-0.88	-0.09	1848.59	0.47	0.05	0.87	0.04	5439710.00	0.48	0.02	483470.39

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BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole B40

From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays From	To	Au	Ag	As	Cu	Pb	Zn	S
0.0	3.5	No Core			0.0	4.1	14	0									
					4.1	6.0	68	13									
3.5	4.1	Clays, quartz pebble fragments.	UNK	cly	6.0	7.6	73	0									
					7.6	9.1	71	0									
4.1	6.4	Pale tan clays, oxidised feldspathic sandstone.	OUT	sll	9.1	12.1	49	46									
					12.1	15.1	8	0									
6.4	8.5	Grey clays, becoming solid. Oxidised sandstone	OUT	sll	15.1	18.1											
		towards base.			18.1	21.1	43	0									
					21.1	24.1	42	0	8.5	9	<0.01	<1	24	3	10	7	<0.05
8.5	9.9	Pale grey quartz sandstone, minor quartz veining	OUT	sll	24.1	26.7	55	0	9	10	0.01	<1	32	3	<5	8	<0.05
		and brown stain			26.7	33.1	49	0									
					33.1	35.4	54	10	11	12	0.04	<1	90	5	10	10	<0.05
9.9	11.0	Total core loss	TCL	nil	35.4	37.9	42	0	12	12.3	0.09	<1	130	18	95	18	<0.05
					37.9	39.1	50	0									
11.0	12.1	Decomposed yellow-brown quartz sandstone with	OUT	sll	39.1	41.8	46	0	15.1	15.7	0.1	<1	87	11	95	12	<0.05
		clays, minor quartz at base of interval.			41.8	44.5	33	0									
					44.5	47.3	87	32	17.9	18.2	0.09	<1	53	10	120	11	<0.05
12.1	15.1	Ocherous clays and quartz (2.7m core loss).	OUT	sll	47.3	50.1	40	25	18.2	19	0.05	<1	280	14	45	17	<0.05
					50.1	51.1	86	0	19	20	0.06	<1	145	7	35	11	<0.05
15.1	17.9	Quartz sandstone with minor quartz veining (2.2m	OUT	sll	51.1	53.3	50	0	20	21	0.09	<1	430	14	60	17	<0.05
		core loss).			53.3	56.5	65	13	21	22	0.02	3	70	19	70	23	<0.05
					56.5	59.5	63	12									
17.9	18.2	Weakly silicified quartz sandstone. ?lode material.	OUT	sll	59.5	61.5	68	0	23	24	0.01	<1	20	18	25	12	<0.05
					61.5	63.1	69	0	24	25	<0.01	<1	125	950	25	130	0.57
18.2	26.8	Quartz sandstone with disseminated pyrite.	OUT	sll	63.1	65.3	71	10	25	26	<0.01	<1	79	250	40	110	1.06
					65.3	67.1	78	0	26	27	<0.01	<1	40	82	10	42	0.915
26.8	56.7	Dark grey quartz (+/- feldspathic) sandstone. 0 CA.	OUT	sll	67.1	68.6	93	48									
		at 41m, 15 CA at 51m. Patches of white quartz			68.6	71.5	88	94									
		grains in sandstone 49.0 - 56.7m and small cavities			71.5	73.0	94	26									
		in weakly bedded sandstone. Massive clays with			73.0	74.6	94	64									
		angular grey quartz fragments (pebbles?) at base			74.6	77.8	66	38									

From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays From	To	Au	Ag	As	Cu	Pb	Zn	S
		of interval.			77.8	79.4	79	63									
					79.4	80.9	87	0	155	156	0.41	NA	NA	NA	NA	NA	NA
56.7	82.0	Massive to weakly bedded grey jointed quartz-	OUT	sll	80.9	83.1	51	0	156	157	0.02	NA	NA	NA	NA	NA	NA
		feldspar sandstone: 30cm of grey clays at top of			83.1	86.1	57	15									
		interval. At 70.7m CA 10 - 15, pyrite on joints, fine			86.1	88.9	59	11									
		veinlets and microfractures. Sparse pebbles at			88.9	91.7	31	0									
		77.8 - 78.2m CA 5 - 15. Minor fault at 79.6m at 25			91.7	93.1	65	14									
		CA with trace pyrite.			93.1	95.6	52	0									
					95.6	97.1	36	0									
82.0	86.3	Interbedded siltstone - fine grained sandstone 0 - 10	OUT	sll	97.1	98.5	51	0									
		CA; Fault striated quartz in fault zone at 82.5m.			98.5	102.8	47	10									
					102.8	104.3	55	0									
86.3	108.7	Weakly bedded (greeny)-grey quartz feldspar sand-	OUT	sll	104.3	107.4	76	32	165	166	<0.01	NA	NA	NA	NA	NA	NA
		stone; locally silty interbeds at top of interval. At			107.4	108.9	67	0	166	167	0.01	NA	NA	NA	NA	NA	NA
		87.0m bedding parallel white-grey quartz vein 5 CA			108.9	110.4	79	20	167	168	<0.01	NA	NA	NA	NA	NA	NA
		(possibly conglomerate??) in clay matrix. 100.0 -			110.4	112.8	60	0									
		102.0m faulting with striae and polished surfaces			112.8	114.1	61	0									
		(minor pyrite).			114.1	116.8	56	40									
					116.8	119.6	72	0									
108.7	119.6	Bedded siltstone - fine grained sandstone. CA 15	OUT	sll	119.6	121.5	54	0									
		at 116.0m, CA 20 at 121m.			121.5	123.1	78	0									
					123.1	125.5	77	10									
119.6	165.8	Massive to weakly bedded grey quartz (feldspar)	OUT	sll	125.5	127.8	79	10									
		sadnstone. CA 20 at 120m. 125.6 - 126.2m			127.8	132.2	72	20									
		disseminated pyrite, mostly along fractures and			132.2	133.0	57	0									
		joints. 127.3 - 135.5m brown stained joints /			133.0	135.4	79	0									
		fractures, possible carbonate. Orange to brown			135.4	138.4	87	66									
		coloured joints and veinlets of carbonate +/- ?pyrite			138.4	141.1	79	65									
		increase down hole. (Note 20cm disseminated			141.1	144.0	66	43									
		pyrite at the top of this interval). 1.5cm massive			144.0	145.5	95	51									
		carbonate vein 45 CA at 137m. 155.3 - 155.9m			145.5	147.1	91	92									
		silicification of sandstone with irregular, white (to			147.1	150.1	87	55									
		grey) quartz veins and orange stained (carbonate?)			150.1	151.6	89	35									

From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays From	To	Au	Ag	As	Cu	Pb	Zn	S
		joints, 45 - 55 CA. Abundant thin oxidised and			151.6	153.1	79	30									
		stained veinlets and fractures criss-crossing the			153.1	156.1	78	0									
		core.			156.1	157.6	80	14									
					157.6	159.1	95	0									
165.8	166.2	165.8 - 166.0m rubbly quartz vein material (lode?)	OUT	sll	159.1	161.8	72	0									
		166.0 - 199.2m. silicified thin quartz veins, cavities			161.8	163.3	85	28									
		(lode?).			163.3	164.9	90	41									
					164.9	167.9	79	40									
166.2	188.0	166.2 - 181.0m thin veinlets of quartz ?carbonate	OUT	sll	167.9	170.3	74	12									
		clays. Very thin quartz vein at 169.0m. Note the			170.3	174.1	63	30									
		ochre-brown staining not present below 177.5m			174.1	175.6	91	64									
		suggesting that this is the limit of groundwater			175.6	177.1	79	11									
		percollation because pyrite is still present on			177.1	178.6	79	10									
		fractures below this.			178.6	180.1	85	38									
		15 CA in weakly bedded sandstone at 185.0m.			180.1	181.6	91	44									
					181.6	184.3	65	16									
188.0	196.5	Flakey bioturbated fine grained sandstone.	OUT	sll	184.3	185.9	66	21									
					185.9	188.2	71	0									
196.5	200.5	Bedded sandstone, pyrite coating fracture at 199.4m.	OUT	sll	188.2	191.4	83	24									
					191.4	193.0	83	10									
200.5	201.5	Thin bioturbated flakey sandstone-siltstone.	OUT	sll	193.0	194.0	154	13									
201.5	203.3	Bedded sandstone 10 - 15 CA.	OUT	sll													
203.3	206.2	Bioturbated sandy siltstone.	OUT	sll													
206.2	206.8	Bedded sandstone 15 - 20 CA.	OUT	sll													
206.8	209.0	Coarse grained (gritty) sandstone with scattered	OLT	slc													
		quartz pebbles at base of unit. Very thin calcareous															
		mudstone band.															
209.0	216.9	Dark grey to black massive quartz sandstone with	OLT	slc													

From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays								
									From	To	Au	Ag	As	Cu	Pb	Zn	S
		minor pyrite on fractures. Scattered quartz pebbles															
		214.1 - 215.0m.															
216.9	225.2	Strongly bioturbated sandstone-siltstone.	OLT	slc													
225.2	228.0	Dark grey sandstone with pebble bed at base.	OLT	slc													
228.0	232.5	Strongly bioturbated sandstone-siltstone.	OLT	slc													
232.5	237.0	Dark grey quartz sandstone; pebble bed 235.8 -	OLT	slc													
		234.0m.															
237.0	240.1	Bioturbated sandstone-siltstone.	OLT	slc													
		E.O.H. at 240.1m.															