

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole No. : B42

Date Started : 8 August 1997

Drilled by : Diamond Drilling (Tas.)

Date Completed : 25 August 1997

Logged by : J.G. Purvis

Collar

Northing : 5440802.60
Easting : 482865.94
R.L. : 2065.13
Dip : -60
Bearing : 354.45

Hole Details

Final Depth : 149.6
Hole Length : 149.6
Core Size : 0.0 23.3 Tricone
23.3 101.0 HQ
101.0 149.6 NQ

Purpose

Test for the strike extent of mineralisation identified in hole B41 at Pease Creek.

Summary Results

From	To	Length	Description	Au	Ag	Cu	Pb	Zn	As	S
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403053

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole B42

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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	23.3	Triconed. No core.	OPN	nil	23.3	24.2	94	16									
					24.2	27.2	53	13									
23.3	51.6	Tertiary sands, silts, clays and lignite bands. Pale fawny-brown, soft but compact. Sands largely quartz with minor mica and lignitic material. Lignite bands to 60 cm thick. Minor thin gravel horizons of quartz and Ordovician sediment pebbles, generally 5 - 10 mm, but 20 cm bed at 23.3 m contains cobbles to +60 mm. Bedding 50 - 60 CA.	TER	grv	27.2	28.7	98	17									
					28.7	30.2	62	45									
					30.2	33.2	33	19									
					33.2	34.7	71	47									
					34.7	36.2	45	10									
					36.2	37.6	64	0									
					37.6	39.2	87	28									
					39.2	40.7	101	83									
51.6	52.5	Palaeosol on Ordovician sandstone. Dark brown organic-rich clay and sand, with crumbly fragments of quartzose sandstone.	TER	soi	40.7	42.2	107	32									
					42.2	45.2	53	42									
					45.2	46.7	93	64									
					46.7	48.2	78	55									
52.5	87.0	Partly sheared pale grey, fine grained quartzose sandstone and lesser siltstone. Bedding 10 - 45 CA, average 25 CA. Common bedded clayey shear zones typically 1 - 10 cm wide but up to 1.5m (68.0 - 69.5m) Shears more frequent below 72m and very common below 80m, with some apparently in calcareous horizons. Little veining - some leached fractures originally had carbontae veinlets on them. Brown MnOx and FeOx stains to 72m, especially on fractures, with boxworks at 63m. Minor to 1% pyrite and rare arsenopyrite, disseminated and on fractures	OUT	sll	48.2	49.7	103	0									
					49.7	51.2	90	43									
					51.2	52.7	95	50									
					52.7	54.2	91	22									
					54.2	55.7	51	0									
					55.7	57.2	24	0									
					57.2	58.2	57	0									
					58.2	60.6	88	18									
					60.6	61.7	54	9									
					61.7	62.8	75	13									
					62.8	64.4	66	0									
					64.4	65.4	78	12									
					65.4	66.0	70	0									
					66.0	67.8	70	0									
					67.8	69.2	51	0									
87.0	95.2	Fault zone. Sheared and shattered sandstone-siltstone as above. Some yellow-brown oxidised	OUT	sll	69.2	71.2	94	0									
					71.2	72.0	59	0									

403055

From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays									
									From	To	Au	Ag	As	Cu	Pb	Zn	S	
		limestone below 92.2m. Shearing angles 25 - 40 CA.			72.0	73.5	67	0										
		Ground conditions very poor, with rubble and significant core loss (no core 88.2 - 90.2m).			73.5	75.8	49	5										
					75.8	77.1	75	0										
					77.1	78.2	90	0										
95.2	112.2	Pale grey, partly sheared fine - medium grained quartzose siltstone and sandstone. Weakly calcareous below 100m where rock largely unoxidised. Common thin sericitic shears 20 CA and crumbly cataclasite.	OUT	sll	78.2	78.5	123	0										
					78.5	80.1	90	0										
					80.1	81.1	51	0										
					81.1	82.1	91	0										
					82.1	83.1	85	10										
		105.2 - 107.0m: Dark grey irregular quartz veinlets with graphite and minor pyrite-arsenopyrite.			83.1	84.4	44	0										
		Abundant carbonate microveinlets some in net-veined zones. Minor pyrite and trace arsenopyrite.			84.4	85.3	101	0										
					85.3	86.4	39	0										
					86.4	87.7	55	0										
					87.7	88.2	48	0										
		Ground condition poor - broken, some rubble and core loss.			88.2	90.2	0	0										
					90.2	91.7	17	0										
					91.7	92.1	105	0										
112.2	128.0	Fault zone. Rotten, clayey, crushed and shattered rock: A major fault zone in siltstone-sandstone as above and limestone. Shearing 20 - 30 CA.	OUT	sll	92.1	92.8	77	0										
					92.8	93.8	71	0										
					93.8	94.7	69	18										
		Abundant tiny net-veinlets of carbonate.			94.7	95.2	60	0										
		125.1 - 126.7: Band of grey-black carbonaceous siltstone 15 CA Persistent minor to 1% pyrite (and arsenopyrite?) veinlets and disseminations.			95.2	96.5	89	0										
					96.5	97.7	81	9										
					97.7	98.3	63	0										
					98.3	99.2	86	0										
		Ground conditions extremely poor - much rubble and clay with >50% core loss 115.7 - 121.0m.			99.2	99.8	80	0										
					99.8	101.0	96	0										
					101.0	102.2	52	0										
128.0	149.6	Partly faulted pale grey, fine to medium grained quartzose siltstone and sandstone. Beds of limestone, oxidised above 140m. Grey-black carbonaceous siltstone 138.0 - 139.2m. Bedding 20 - 25 CA with local warping and rare folding.	OUT	sll	102.2	102.8	30	0										
					102.8	104.2	102	25										
					104.2	105.8	86	31										
					105.8	106.7	63	0										
					106.7	108.1	80	10										

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From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays									
									From	To	Au	Ag	As	Cu	Pb	Zn	S	
		Common brittle faults, sericitic shears and highly microfractured zones. Deformation decreases below 140m. Most faults <30 CA, strongest 135.2 - 137.2, 138.4 - 139.2m and 142.7 - 144.2m. Shears mainly below 144m parallel to bedding. Intense carbonate net-veining fills the microfractures. To 142m, minor to 1% pyrite disseminated and in tiny veinlets. Rare quartz veinlets below 137.0m.			108.1	109.0	19	0										
					109.0	110.5	71	0										
					110.5	111.1	48	17										
					111.1	111.8	47	0										
					111.8	112.5	57	0										
					112.5	113.3	64	0										
					113.3	115.1	28	9										
					115.1	115.7	58	0										
					115.7	116.7	12	0										
			Ground conditions fair but intervals of puggy rubble and core loss. Conditions improve below 140m and rock is hard.			116.7	117.2	56	0									
					117.2	117.8	22	0										
					117.8	118.4	25	0										
					118.4	119.2	8	0										
		E.O.H at 149.6m.			119.2	119.8	85	0										
					119.8	120.2	37	0										
					120.2	121.0	54	0										
					121.0	122.2	97	19										
					122.2	123.6	88	57										
					123.6	125.2	48	8										
					125.2	126.2	73	0										
					126.2	127.5	78	21										
					127.5	129.1	91	43										
					129.1	130.7	90	15										
				130.7	131.5	74	19											
				131.5	132.2	77	49											
				132.2	133.7	98	38											
				133.7	135.2	95	49											
				135.2	136.6	6	0											
				136.6	137.2	32	0											
				137.2	138.2	82	22											
				138.2	139.2	24	10											
				139.2	140.2	91	16											
				140.2	141.2	95	57											

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