

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole No. : B41

Date Started : 28 July 1997

Drilled by : Diamond Drilling (Tas.)

Date Completed : 6 August 1997

Logged by : J.G. Purvis

Collar

Northing : 5440787.00
Easting : 482826.25
R.L. : 2066.61
Dip : -59.7
Bearing : 350.63

Hole Details

Final Depth : 116.1
Hole Length : 116.1
Core Size : NQ

Purpose

To twin hole BRC/D29 at Pease Creek for a full core intercept of the Pease Creek Anomaly

Summary Results

From	To	Length	Description	Au	Ag	Cu	Pb	Zn	As	S
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BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole B41

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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	31.4	Triconed in Tertiary gravels and clays - No Core.	OPN	nil	31.4	32.6	93	0	50.0	51.0	<0.01	<1	<1	5	6	10	0.15
					32.6	33.2	72	18	51.0	52.0	<0.01	<1	44	14	7	9	0.24
31.4	67.0	Grey and black fine grained carbonaceous quartzose sandstone. Massive, oxidised leached and slightly porous. Tiny gashes and pits after carbonate. Grey clay seam 43.7 - 45.2m and black pyritic clay seams 53 - 56m, possibly after limestone. Bedding 25 CA. Low angle faults at 33.3m and 58.6 - 59.8m. Minor limonite (after pyrite) on fractures, common below 56m. 1 - 2% pyrite (disseminated and fracture filling) 50 - 56m. To 63.5m minor leached quartz veinlets to 5mm. Up to 3 per metre at 36.5 - 40.5m. Main zone of quartz veining starts at 63.5m, with leached limonitic quartz veinlets to 5mm, averaging 5 - 6m and 70 - 80 CA. Prominent limonitic fractures occur in this zone with remnant pyrite in 7cm clay band at 65m and below 66m.	OUT	sl	33.2	34.5	76	0	52.0	53.0	<0.01	<1	58	6	7	9	0.22
					34.5	35.5	16	0	53.0	54.0	<0.01	<1	50	60	11	17	1.54
					35.5	36.2	50	0	54.0	55.0	<0.01	1	23	35	10	20	0.82
					36.2	37.4	53	0	55.0	56.0	<0.01	1	16	37	31	23	0.89
					37.4	38.3	87	11	56.0	57.5	0.04	<1	24	9	9	16	0.02
					38.3	39.2	86	0	57.5	59.0	0.03	<1	71	21	17	13	0.04
					39.2	40.7	99	8	59.0	60.5	0.01	<1	93	34	17	13	0.02
					40.7	42.2	83	0	60.5	62.0	0.01	<1	54	11	10	11	<0.01
					42.2	43.7	63	21	62.0	63.5	0.18	<1	9	6	12	10	<0.01
					43.7	45.2	46	35	63.5	65.0	0.25	<1	18	5	<3	6	<0.01
					45.2	46.7	77	23	65.0	66.5	0.46	<1	140	13	<3	8	0.2
					46.7	48.2	99	20	66.5	68.0	3.41	1	134	10	7	13	0.06
					48.2	49.7	97	24	68.0	69.5	3.67	1	546	8	<3	12	0.05
					49.7	51.2	83	22	69.5	71.0	0.95	<1	412	24	6	13	0.01
					51.2	52.7	83	0	71.0	72.0	2.58	<1	816	38	8	21	0.02
					52.7	54.2	57	0	72.0	73.0	4.45	1	1189	34	22	27	0.02
					54.2	55.6	62	0	73.0	74.5	21.13	2	1951	40	17	24	0.05
67.0	79.6	Grey and brown limonitic and quartz-veined faulted zone. Hosted by strongly oxidised calcareous quartzose siltstone and sandstone with clay bands after limestone. Quartz (+/- limonite) veinlets (to 6mm and up to 10mm) generally 70 - 80 CA and most common above 74m. Numerous strong crush zones, often cemented by boxwork limonite and containing fragments of the quartz veinlets. The crush zones are either at high angle to CA (up to 15 cm wide and best developed above 76.5m), or parallel to bedding at very low angle to CA (main zones at 72 - 73m and 75.2 - 76.5m). Remnant pyrite shows	OUT	slm	55.6	57.2	81	7	74.5	75.2	1.35	1	1064	44	<3	21	0.01
					57.2	58.6	67	8	75.2	76.5	1.00	1	764	44	5	19	<0.01
					58.6	59.8	53	0	76.5	77.3	0.06	<1	62	13	<3	9	<0.01
					59.8	61.5	32	7	77.3	79.0	0.27	1	45	9	3	12	0.04
					61.5	63.1	91	24	79.0	79.6	0.07	1	97	26	6	16	0.73
					63.1	64.7	94	17	79.6	81.0	0.32	<1	53	9	50	90	0.02
					64.7	66.2	97	31	81.0	82.7	0.28	<1	25	5	26	12	0.02
					66.2	67.7	97	36	82.7	83.5	<0.01	<1	17	7	56	47	1.84
					67.7	69.2	95	20	83.5	85.0	0.07	<1	64	7	22	21	0.62
					69.2	70.7	84	0	85.0	86.5	0.22	<1	210	7	20	14	0.54
					70.7	72.2	45	7	86.5	88.0	0.14	<1	89	5	6	14	0.51
					72.2	73.7	92	7	88.0	89.0	<0.01	<1	44	5	8	13	1.16

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From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays								
									From	To	Au	Ag	As	Cu	Pb	Zn	S
		that this is the source of the conspicuous limonite seams, stains and boxworks (rocks highly limonitic 70 - 75m). Strong pyritic clayey seam parallel to CA at 79.0 - 79.6m. Bedding varies 0 - 20 CA.			73.7	75.2	85	38	89.0	90.0	<0.01	<1	49	12	12	15	2.03
					75.2	76.7	84	35	90.0	91.5	<0.01	<1	19	10	18	15	0.66
					76.7	78.1	94	9	91.5	93.0	<0.01	<1	45	10	26	14	1.07
					78.1	79.6	94	15	93.0	94.5	0.02	<1	58	6	20	14	0.5
					79.6	81.2	87	7	94.5	96.0	<0.01	<1	11	6	14	14	0.23
		Ground conditions poor; rocks generally soft and crumbly.			81.2	82.7	93	21	96.0	97.5	0.02	<1	28	4	16	25	0.78
					82.7	84.2	72	11	97.5	98.5	<0.01	<1	8	4	14	15	0.63
					84.2	85.6	99	7	98.5	100.0	<0.01	<1	5	8	28	27	0.32
79.6	116.1	Black, fine to medium grained pyritic carbonaceous quartzose siltstone and sandstone. Much of the sequence was apparently originally calcareous with beds of limestone but carbonate now destroyed and/or leached by oxidation, leaving these rocks rotten and crumbly. More-quartzose rocks are still hard, although fractured and slightly leached. Bedding 10 - 15 CA (range 0 - 40 CA). Spidery leached quartz veinlets (+/- limonite or pyrite) extend to 88m decreasing with depth (Fringe of zone in unit above).	OUT	sll	85.6	87.2	54	19	100.0	101.5	<0.01	<1	76	8	29	47	2.96
					87.2	88.7	92	15	101.5	103.0	<0.01	<1	27	4	20	20	0.4
					88.7	90.1	69	0	103.0	104.5	<0.01	<1	19	8	20	28	0.59
					90.1	91.1	93	0	104.5	106.0	<0.01	<1	18	7	20	23	0.45
					91.1	92.1	55	0	106.0	107.5	<0.01	<1	21	7	10	18	0.47
					92.1	93.0	58	0	107.5	109.7	0.01	<1	29	7	10	16	0.33
					93.0	94.7	45	0	109.7	111.3	0.48	<1	346	5	9	15	0.55
					94.7	95.5	51	0	111.3	113.0	0.05	<1	59	9	39	29	0.94
					95.5	97.0	92	7	113.0	114.5	<0.01	<1	20	18	12	30	0.54
					97.0	98.5	95	18	114.5	116.1	<0.01	<1	25	18	10	33	0.39
					98.5	100.0	71	7									
					100.0	101.1	102	0									
					101.1	102.2	85	0									
					102.2	103.7	100	0									
					103.7	104.7	95	0									
					104.7	105.4	76	0									
					105.4	106.9	97	15									
					106.9	108.0	75	0									
					108.0	109.5	103	25									
					109.5	111.1	93	19									
					111.1	112.2	84	9									
					112.2	113.7	97	14									
					113.7	115.2	90	8									
					115.2	116.1	120	0									
		E.O.H. at 116.1m.															