

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole No. : B43

Date Started : 28 August 1997

Drilled by : Diamond Drilling (Tas.)

Date Completed : 9 September 1997

Logged by : J.G. Purvis

Collar

Northing : 5440854.55
Easting : 482808.57
R.L. : 2060.78
Dip : -54.5
Bearing : 167.99

Hole Details

Final Depth : 119.1
Hole Length : 119.1
Core Size : 0.0 24.0 Tricone
24.0 74.5 HQ
74.5 119.1 NQ

Purpose

Cross-over hole for B41 at Pease Creek to ascertain the true thickness of the mineralised zone intersected in that hole.

Summary Results

From	To	Length	Description	Au	Ag	Cu	Pb	Zn	As	S
45.0	53.8	8.8	Quartzose sandstone with limonitic boxworks after pyrite	1.49	<1	34	20	15	121	0.02
Including										
45.0	47.8	2.8		2.37	<1	91	48	29	270	0.03

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Hole B43

Page 1 of 3

From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays								
									From	To	Au	Ag	As	Cu	Pb	Zn	S
0.0	24.0	Triconed. No core.	OPN	nil	24.0	25.5	45	26	28.9	30.4	0.47	<1	41	5	6	25	<0.01
					25.5	27.1	92	84	30.4	31.9	0.33	<1	2	4	5	12	<0.01
24.0	28.2	Tertiary Clays, Silts and Sands. Pale brown.	TER	grv	27.1	28.6	103	92	31.9	33.4	0.21	<1	27	5	<3	19	<0.01
		Lignite band 25.3-25.5m. Some gravel at 24m.			28.6	30.0	79	0	33.4	34.9	0.17	<1	7	5	5	12	<0.01
		Condition: Sticky and soft, but compact.			30.0	31.3	87	0	34.9	36.4	0.13	<1	39	3	4	14	<0.01
					31.3	32.3	106	15	36.4	37.9	0.09	<1	49	4	5	16	<0.01
28.2	44.0	Pale fawny-grey, strongly oxidized and leached, fine to medium grained Quartzose Siltstone and Sandstone. Probably originally partly calcareous with limestone beds, these zones now rotten and clayey. Bedding 30-40 CA. Very minor limonite stains below 39.4m.	OUT	sll	32.3	33.6	69	12	37.9	39.4	0.28	<1	30	4	8	17	<0.01
					33.6	35.2	44	0	39.4	40.9	0.46	<1	55	4	5	13	<0.01
					35.2	36.5	102	44	40.9	42.4	0.01	<1	31	3	3	8	<0.01
					36.5	38.1	58	7	42.4	43.9	0.25	<1	21	5	5	6	<0.01
					38.1	39.1	54	14	43.9	45.0	0.81	<1	212	29	34	16	<0.01
					39.1	40.6	53	0	45.0	47.8	2.37	<1	270	91	48	29	0.03
					40.6	42.1	81	7	47.8	49.3	0.31	<1	<1	7	11	10	0.01
		Ground conditions poor - soft, crumbly and clayey.			42.1	43.6	23	0	49.3	50.8	1.26	<1	89.0	6	4	6	<0.01
					43.6	45.1	44	0	50.8	52.3	1.31	<1	<1	8	4	8	0.03
44.0	57.1	Dark grey, fine to medium grained Limonitic Quartzose Sandstone. Originally partly calcareous and carbonaceous, now mildly oxidized and leached. Some puggy bedded clay zones, probably after limestone. Prominent limonite stains and boxworks on fractures at all angles, especially 45-47.8m and 55.7-57.1m. Quartz veinlets to 5mm, <10 CA, occur at intervals. Zones of abundant tiny carbonate net-veinlets. Bedding 55-65 CA.	OUT	slm	45.1	46.6	39	0	52.3	53.8	1.45	<1	118.0	6	7	8	0.02
					46.6	48.1	39	8	53.8	55.7	<0.01	<1	38	7	10	7	0.01
					48.1	49.6	84	24	55.7	57.1	<0.01	<1	98.0	13	16	11	0.06
					49.6	51.1	93	0	57.1	58.6	0.04	<1	34	15	13	19	0.27
					51.1	52.6	98	0	58.6	60.1	<0.01	<1	20	17	9	18	0.81
					52.6	54.1	50	7	60.1	61.6	<0.01	<1	1	13	9	16	0.67
					54.1	55.6	93	8	61.6	63.1	<0.01	<1	26	17	11	11	0.27
					55.6	57.1	78	13	63.1	64.1	<0.01	<1	2	21	18	16	0.35
					57.1	58.4	92	17	64.1	65.1	<0.01	<1	3	22	17	15	0.61
					58.4	60.0	96	19	65.1	66.6	<0.01	<1	4	14	5	7	0.03
		Ground condition fair to poor. Common breaking along fractures, with some rubble zones			60.0	61.6	92	0	66.6	68.8	<0.01	<1	1	12	5	6	0.04
					61.6	63.1	91	28	68.8	70.0	<0.01	<1	<1	8	4	8	0.12
					63.1	64.6	85	0	70.0	71.5	0.09	<1	31	13	<3	12	0.33
57.1	65.1	Grey to black, bedded, leached Calcareous Sandstone and Limestone. Minor beds of Black Shale. Rock porous and slightly clayey.	OUT	sll	64.6	66.1	91	15	71.5	73.0	0.08	<1	<1	8	10	15	0.25
					66.1	66.9	89	0	73.0	74.5	<0.01	<1	24	9	11	8	0.11
					66.9	67.6	84	0	74.5	76.0	<0.01	<1	<1	16	6	13	0.23

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From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays								
									From	To	Au	Ag	As	Cu	Pb	Zn	S
		Bedding 55-65 CA. Almost no veining. Minor to 1% disseminated and fracture-filling pyrite.			67.6	69.1	92	19	76.0	77.5	0.02	<1	15	5	8	16	0.19
					69.1	70.6	93	14	77.5	79.0	0.01	<1	3	8	9	13	0.19
					70.6	71.8	103	0	79.0	80.5	<0.01	<1	20	6	3	12	0.18
		Ground conditions fair, with common fracturing and crumbly clayey zones after limestone.			71.8	72.6	103	13	80.5	82.0	<0.01	<1	21	5	6	10	0.12
					72.6	74.0	92	26	82.0	83.5	<0.01	<1	28	4	9	11	0.17
					74.0	74.5	94	0	83.5	86.0	0.07	<1	41	6	8	13	0.55
65.1	87.5	Massive, fine-medium grained, black Carbonaceous Quartzose Sandstone. Generally weakly leached and oxidized. Bedding (uncommon) 55-60 CA. Strong limonite stains (after pyrite) 65.1-70m. 1% pyrite on fractures below 75m, with 5-7% pyrite in veins to 25mm thick at 86-87.5m (strongest veins are parallel CA and contain quartz). Quartz-sericite veinlets parallel CA at 69.6-70.6m. Below 82.7m very common quartz veinlets at all angles.	OUT	sll	74.5	75.1	77	0	86.0	87.5	0.16	<1	241	4	8	20	7.46
					75.1	76.6	89	7	87.5	88.5	0.01	<1	52	10	13	26	1.88
					76.6	78.1	97	8	88.5	90.0	<0.01	<1	214	9	24	38	0.26
					78.1	79.3	98	21	90.0	91.5	<0.01	<1	47	4	16	28	0.13
					79.3	80.6	92	9	91.5	93.0	<0.01	<1	52	8	16	42	0.22
					80.6	82.2	94	31	93.0	95.0	<0.01	<1	132	6	9	40	0.18
					82.2	83.8	89	7	95.0	97.0	<0.01	<1	36	223	9	186	0.1
					83.8	85.3	45	0	97.0	99.0	<0.01	<1	<1	74	5	87	0.09
					85.3	86.0	23	0	99.0	101.0	<0.01	<1	6	47	4	72	0.14
					86.0	86.6	87	18	101.0	103.0	<0.01	<1	2	4	<3	33	0.09
		Ground conditions fair to 83m with common fracturing. Below 83m increasingly leached and porous, with badly broken zones and core loss.			86.6	87.2	90	22	103.0	105.0	<0.01	<1	3	5	19	35	0.24
					87.2	88.7	83	0	105.0	107.0	<0.01	<1	1	9	5	38	0.2
					88.7	89.4	104	0	107.0	109.0	<0.01	<1	13	8	4	41	0.81
					89.4	90.7	90	0	109.0	111.0	<0.01	<1	5	34	7	41	0.31
87.5	93.0	Bedded decomposed Quartzose Sandstone and Siltstone. Dark grey at top and light grey at base due to increasing leaching and bleaching with depth. Originally calcareous with Limestone beds, but all carbonate now leached and limestone decomposed to sandy clay. Bedding 55 CA. In upper 1m 1-2% pyrite and quartz veinlets. No veining elsewhere.	OUT	sll	90.7	91.7	79	0	111.0	112.5	0.02	<1	19	73	23	83	0.43
					91.7	93.1	78	0	112.5	114.0	0.02	<1	5	3	6	20	0.51
									114.0	115.5	0.02	<1	1	5	<3	27	0.68
									115.5	117.5	0.02	<1	<1	5	<3	26	0.06
									117.5	119.1	0.01	<1	<1	4	14	51	0.07
		Ground conditions poor - numerous soft crumbly zones and fractures at all angles.															
93.0	112.3	Major fault? Creamy-grey, highly decomposed, leached and bleached, badly broken zone. Sand	OUT	sll													

B07004

From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays											
									From	To	Au	Ag	As	Cu	Pb	Zn	S			
		and clay 103.7-111m. Much CO2 gas produced 96-102m and all water drained from hole at this depth. Original rock apparently Limestone and Calcareous Quartzose Sandstone. No clear evidence of shearing or brecciation - sand and clay intervals are bedded and rarely contain undisturbed remanent shale bands. Trace to minor pyrite, except 111-111.6m: zone of pyritic fractures (1-2% py) and (separate) quartz veinlets, both almost parallel CA.																		
		Ground conditions extremely poor. Much core loss.																		
112.3	119.1	Creamy-grey, partly-decomposed fine Quartzose Sandstone. Generally leached and porous - original rock probably partially calcareous. Small gashes after carbonate veinlets. To 115.5m patches to 50cm of 2% pyrite in veinlets associated with silicification and quartz veinlets <30 CA.	OUT	sl																
		Ground conditions poor: broken, with minor sandy-clay bands (after limestone).																		
		EOH at 119.1m.																		

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