BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole No. : B44A

Date Started	:	30 October 1997	**Drilled by**	:	Diamond Drilling (Tas.)
Date Completed	:	11 November 1997	**Logged by**	:	J.G. Purvis

Collar

Northing	:	5440740.86
Easting	:	482887.20
R.L.	:	20585.23
Dip	:	-59.8
Bearing	:	349.65

Hole Details

Final Depth	:	164.0		
Hole Length	:	91.1		
Core Size	:	72.9	164.0	NQ

Purpose

Wedged out of B44 for further delineation of anomalous gold mineralisation at Pease Creek.

Summary Results

From	To	Length	Description	Au	Ag	Cu	Pb	Zn	As	S

Survey Sheet

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log - Down Hole Survey Data

Hole Number **B44A**

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								2058.26					5440740.86			482887.20
0	-59.8	349.65	0	17.5	17.5	-0.86	-15.12	2043.13	0.50	8.80	0.98	8.66	5440749.52	-0.18	-1.58	482885.62
35	-60.5	351.5	17.5	50	32.5	-0.87	-28.29	2014.84	0.49	16.00	0.99	15.83	5440765.35	-0.15	-2.37	482883.26
65	-61.5	351	50	69.45	19.45	-0.88	-17.09	1997.75	0.48	9.28	0.99	9.17	5440774.51	-0.16	-1.45	482881.81
73.9	-61.5	351	69.45	78.45	9	-0.88	-7.91	1989.84	0.48	4.29	0.99	4.24	5440778.76	-0.16	-0.67	482881.13
83	-60.5	351	78.45	98	19.55	-0.87	-17.02	1972.83	0.49	9.63	0.99	9.51	5440788.26	-0.16	-1.51	482879.63
113	-61.0	352	98	129.5	31.5	-0.87	-27.55	1945.28	0.48	15.27	0.99	15.12	5440803.39	-0.14	-2.13	482877.50
146	-60.5	352	129.5	155	25.5	-0.87	-22.19	1923.08	0.49	12.56	0.99	12.43	5440815.82	-0.14	-1.75	482875.75
164	-60.0	351	155	164	9	-0.87	-7.79	1915.29	0.50	4.50	0.99	4.44	5440820.27	-0.16	-0.70	482875.05

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole B44A

From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays From	To	Au	Ag	As	Cu	Pb	Zn	S
72.9	125.0	Dark grey-black fine PYRITIC CARBONACEOUS	OUT	sll	72.9	74.4	105	23	123.5	125.0	0.93	<1	1	16	11	18	1.21
		QUARTZOSE SANDSTONE. Originally calcareous,			74.4	75.9	104	0	125.0	126.5	0.28	<1	13	6	10	16	0.89
		now leached and porous. Scattered clayey bands			75.9	77.2	96	15	126.5	127.8	0.43	<1	135	7	28	29	2.19
		after LIMESTONE between 87-108m. Sandstone is			77.2	78.2	104	0	127.8	129.5	0.19	<1	20	7	10	46	0.73
		generally massive. Bedding best expressed in and			78.2	79.7	97	0	129.5	131.0	0.30	<1	730	7	11	48	0.86
		around the limestones (10-30 CA). Occasional vuggy			79.7	81.0	103	0	131.0	132.5	0.29	<1	124	6	6	46	0.66
		quartz veinlets. Common small open gashes after			81.0	82	95	0	132.5	134.0	0.21	<1	425	5	<3	28	0.29
		carbonate veinlets. Fault 92.5-92.8m, 75 CA.			82.0	83.3	102	0	134.0	135.5	0.36	<1	37	6	<3	62	0.39
		Pyrite (minor to 3%) on fractures, as tiny veinlets and			83.3	84.6	94	0	135.5	137.0	3.50	<1	2874	9	13	35	1.19
		disseminated - rock smells of sulphides. At 99-100m			84.6	86.0	37	0	137.0	138.5	0.48	<1	612	22	49	313	0.85
		(only 20cm of core), crumbly leached quartz-pyrite			86.0	86.9	96	0	138.5	140.0	0.22	<1	127	8	121	145	0.44
		fault breccia. Pyrite increases gradually below this			86.9	88.4	63	11	140.0	141.5	1.49	<1	833	7	220	176	1.82
		fault, with abundant pyrite veinlets in basal 0.5m.			88.4	89.5	109	0	141.5	143.0	0.16	<1	58	6	48	31	0.63
					89.5	90.8	103	21	143.0	144.5	0.14	<1	121	5	94	23	0.94
		Ground conditions poor. Rock is well fractured and			90.8	91.8	67	0	144.5	146.0	0.06	<1	53	7	693	48	3.56
		broken, with some crumbly rubble zones. Conditions			91.8	93.0	77	18	146.0	147.5	0.02	<1	51	7	4	29	1.48
		worst 84-114m.			93.0	93.8	101	14	147.5	149.0	0.01	<1	22	6	<3	32	0.18
					93.8	94.9	105	12	149.0	150.5	0.13	<1	358	9	172	88	1.83
125.0	141.4	ZONE OF STRONG ANKERITE-QUARTZ (-PYRITE)	DRF	min	94.9	96.0	92	14	150.5	152.0	0.17	<1	115	6	6	22	0.58
		VEINING, in CARBONACEOUS QUARTZOSE			96.0	97.3	94	17	152.0	153.3	0.06	<1	4	5	7	28	0.56
		SANDSTONE. Thin mildly calcareous bands with			97.3	98.5	82	18	153.3	154.8	0.01	<1	21	7	12	23	0.37
		carbonaceous clay seams (decomposed limestone?)			98.5	99.7	7	0	154.8	156.2	0.16	<1	29	6	4	27	0.42
		Bedding 5-40 CA. Ankerite-quartz veins to 7cm,			99.7	100.5	61	0	156.2	157.7	0.02	<1	47	6	3	16	0.35
		generally <1cm, with intervals of intense net-veining			100.5	101.4	84	11									
		50cm (128.4-128.9m). Veining at all angles often			101.4	101.9	80	0									
		irregular and chopped up by later fracturing. Some			101.9	102.9	77	0									
		veins contain pyrite but pyrite is more common on			102.9	104.4	93	23									
		fractures and as disseminations.Overall: pyrite 1-2%.			104.4	104.9	108	20									
		Best of the veining and sulphides is above 133m and			104.9	106.0	106	0									
		140-141.1m. Arsenopyrite first seen in ankerite vein			106.0	107.4	86	0									
		at 135.5 and is common 135.5-136m in veins and			107.4	108.0	90	0									

From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays From	To	Au	Ag	As	Cu	Pb	Zn	S
		disseminations, but rare below this. Top part of zone			108.0	109.5	98	0									
		(to 127.8m) is marked by crumbly leached interval			109.5	111.0	81	33									
		with intense but patchy spidery quartz-pyrite net-			111.0	111.6	98	0									
		veining in partly-brecciated sandstone. This upper			111.6	112.8	98	11									
		interval is centred 127-127.8m where pyrite reaches			112.8	113.5	114	0									
		5%. It equates with the interval 124.6-131.8m in B44			113.5	114.5	86	10									
		but unlike that hole here contains no arsenopyrite			114.5	115.1	87	0									
		and no ankerite.			115.1	116.6	97	49									
					116.6	118.0	95	14									
		Ground conditions fair to poor. Much less leached			118.0	119.5	95	14									
		and fractured than unit above but still broken in			119.5	121.0	92	28									
		places, especially along the crumbly limestone beds.			121.0	122.5	88	37									
					122.5	123.8	98	0									
141.4	153.3	Massive black, fine to medium grained PYRITIC	OUT	sll	123.8	124.3	124	22									
		CARBONACEOUS QUARTZOSE SANDSTONE. No			124.3	125.3	91	15									
		visible bedding. Rock is partly leached with small			125.3	126.0	101	0									
		open gashes after carbonate veinlets. Minor tiny			126.0	127.5	74	21									
		vuggy quartz veinlets. Weak ankerite veinlets 148-			127.5	128.3	97	45									
		150m. Conspicuous pyrite on fractures, also in tiny			128.3	129.8	90	24									
		veinlets and disseminations. Best pyrite is from 142-			129.8	131.3	96	35									
		147.5m (3-5%), associated with strong pyrite-filled			131.3	132.8	97	35									
		fault which runs down CA from 142.5-146.5m. 5%			132.8	134.3	94	71									
		pyrite as veinlets 149.8-150.3m in crumbly zone also			134.3	135.8	100	17									
		containing leached quartz veinlets.			135.8	137.3	104	7									
					137.3	138.3	108	19									
		Ground conditions fair to poor. Fractured and broken,			138.3	139.5	79	0									
		with rubble zones associated with fault at 143-146m.			139.5	140.8	82	37									
					140.8	142.3	96	29									
153.3	156.2	ZONE OF WEAK QUARTZ-ANKERITE VEINING IN	DRF	min	142.3	143.8	88	23									
		SANDSTONE. Rock as above, with intervals of very			143.8	145.3	107	14									
		fine (average <2mm) quartz-ankerite veinlets filling			145.3	146.6	96	13									
		zones of fracturing and incipient brecciation. Some			146.6	148.1	101	48									
		veining diffuse and irregular (ie: patchy silicification).			148.1	149.6	97	47									

From	To	Description	Unit	Code	From	To	Rec (%)	RQD (%)	Assays From	To	Au	Ag	As	Cu	Pb	Zn	S
		Veining decreases markedly below 155.75m. 1-2%			149.6	151.1	82	27									
		pyrite as tiny veinlets, on fractures and disseminated			151.1	151.8	101	14									
		but very little in the quartz-ankerite veinlets. Arseno-			151.8	153.0	90	10									
		pyrite only noted in brecciated quartz-ankerite vein at			153.0	154.1	104	36									
		155.1m.			154.1	155.6	96	47									
					155.6	156.8	97	25									
		Ground conditions fair to good. Rock is harder and			156.8	158.3	107	7									
		less leached than before.			158.3	159.8	95	7									
					159.8	161.3	91	16									
156.2	164.0	Dark grey-black, medium grained CARBONACEOUS	OUT	sll	161.3	162.5	63	18									
		QUARTZOSE SANDSTONE. Weakly calcareous			162.5	164.0	99	47									
		with possible thin clayey carbonaceous limestone															
		bed 20 CA at 160.6m. Trace graphite on some															
		partings. Minor thin (rarely +1mm) quartz and															
		carbonate veinlets - a few are ankeritic. 1% pyrite on															
		fractures, in veinlets and disseminations.															
		Ground conditions fair to poor. Rock is generally well															
		fractured and broken, with minor leaching.															
		EOH at 164.0m.															