

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole No. : B38

Date Started : 26 February 1997

Drilled by : Diamond Drilling (Tas.) P/L

Date Completed : 16 April 1997

Logged by : R.A.Keele

Collar

Northing : 5439602.15
Easting : 483415.45
R.L. : 2055.67
Dip : -69.5
Bearing : 310

Hole Details

Final Depth : 280.3
Hole Length : 280.3
Core Size : HQ

Purpose

To test for the North Tasmania Reef beneath 4 Level east of the cross-course fault

Summary Results

| From | To | Length | Description | Au | Ag | Cu | Pb | Zn | As | S |
|------|----|--------|-------------|----|----|----|----|----|----|---|
|------|----|--------|-------------|----|----|----|----|----|----|---|

403064

BEACONSFIELD MINE JOINT VENTURE

Diamond Drill Core Log

Hole B38

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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 | 4.8 | Not Cored | | | 0.0 | 4.8 | 8 | 0 | | | | | | | | | | |
| | | | | | 4.8 | 10.3 | 20 | 0 | | | | | | | | | | |
| 4.8 | 17.9 | Quartzite/sandstone with ?calcareous matrix | OUT | sll | 10.3 | 13.8 | 15 | 0 | 17 | 18 | 0.04 | <1 | 150 | 29 | 45 | 20 | <0.05 | |
| | | | | | 13.8 | 15.5 | 51 | 0 | 18 | 19 | 0.50 | 1 | 700 | 44 | 500 | 13 | 0.11 | |
| 17.9 | 19.2 | Quartzite/sandstone with quartz veins | OUT | sll | 15.5 | 16.8 | 28 | 0 | 19 | 20 | 0.14 | <1 | 150 | 41 | 25 | 27 | <0.05 | |
| | | | | | 16.8 | 19.0 | 55 | 11 | 20 | 21 | 0.16 | <1 | 125 | 29 | 30 | 19 | <0.05 | |
| 19.2 | 19.8 | Earthy brown friable sandstone with clays and dark sandstone. | OUT | sll | 19.0 | 22 | 30 | 0 | 21 | 22 | 0.10 | <1 | 130 | 19 | 50 | 17 | <0.05 | |
| | | | | | 22.0 | 25.8 | | 55 | 22 | 23 | 0.04 | <1 | 59 | 13 | 80 | 13 | <0.05 | |
| | | | | | 25.8 | 28.2 | 35 | 10 | 23 | 24 | 0.07 | <1 | 59 | 20 | 350 | 16 | <0.05 | |
| 19.8 | 22.0 | Quartz sandstone with more abundant quartz veins than above, minor pale clay weathering/alteration. | OUT | sll | 28.2 | 31.3 | 70 | 0 | 24 | 25 | 1.32 | 1 | 6000 | 200 | 260 | 150 | 0.885 | |
| | | | | | 31.3 | 34.2 | 68 | 0 | 25 | 26 | 1.44 | <1 | 6550 | 68 | 20 | 55 | 1.25 | |
| | | | | | 34.2 | 36.7 | | 0 | 26 | 27 | <0.01 | <1 | 65 | 115 | 25 | 18 | 1.52 | |
| 22.0 | 22.5 | Massive quartz sandstone with minor quartz-carbonate veinlets that increase to the base of the interval. A second generation of cross-cutting carbonate only veins is visible. | OUT | sll | 36.7 | 39.3 | 42 | 0 | 27 | 28 | 0.01 | <1 | 75 | 220 | 20 | 29 | 2.36 | |
| | | | | | 39.3 | 40.1 | 61 | 0 | 28 | 29 | <0.01 | <1 | 22 | 96 | 30 | 90 | 1.67 | |
| | | | | | 40.1 | 43.1 | 67 | 14 | | | | | | | | | | |
| | | | | | 43.1 | 46.3 | 58 | 20 | | | | | | | | | | |
| 22.5 | 24.0 | Weathered boxwork silica carbonate veined sandstone, locally quartz-carbonate brecciated. Massive 5cm carbonate vein with 1cm limonite-goethite vein after sulphides. | OUT | sll | 46.3 | 49.0 | 83 | 33 | | | | | | | | | | |
| | | | | | 49.0 | 51.9 | 117 | 58 | | | | | | | | | | |
| | | | | | 51.9 | 54.8 | 80 | 102 | | | | | | | | | | |
| | | | | | 54.8 | 58.0 | 55 | 14 | | | | | | | | | | |
| | | | | | 58.0 | 61.7 | 54 | 0 | 138 | 139 | <0.01 | <1 | 8 | 25 | <5 | 19 | 0.09 | |
| 24.0 | 26.6 | Strongly altered quartz sandstone (with brown flecks), brown stain and quartz crystals on joint faces and possible trace sulphides. | OUT | sll | 61.7 | 64.2 | 64 | 10 | 139 | 140 | <0.01 | <1 | 10 | 45 | <5 | 13 | 0.085 | |
| | | | | | 64.2 | 66.8 | 54 | 12 | 140 | 141 | <0.01 | <1 | 10 | 48 | 5 | 25 | 0.07 | |
| | | | | | 66.8 | 70.8 | 81 | 25 | 141 | 142 | <0.01 | <1 | 12 | <5 | <5 | 20 | 0.14 | |
| | | | | | 70.8 | 72.9 | 68 | 0 | 142 | 143 | <0.01 | <1 | 6 | <5 | <5 | 17 | 0.315 | |
| 26.6 | 28.4 | Dark grey quartz sandstone with disseminated pyrite-chalcopyrite? | OUT | sll | 72.9 | 73.8 | 89 | 11 | 143 | 144 | <0.01 | <1 | 4 | 9 | 5 | 17 | 0.415 | |
| | | | | | 73.8 | 76.8 | 72 | 29 | 144 | 145 | <0.01 | <1 | 10 | 4 | <5 | 7 | 0.19 | |
| | | | | | 76.8 | 79.0 | 61 | 0 | | | | | | | | | | |
| 28.4 | 52.0 | Pale grey quartz sandstone; 30 - 31m dark grey with minor disseminated pyrite. | OUT | sll | 79.0 | 81.4 | 81 | 24 | | | | | | | | | | |
| | | | | | 84.4 | 86.0 | 100 | 27 | | | | | | | | | | |

403066

| From | To | Description | Unit | Code | From | To | Rec | RQD | Assays | | | | | | | | |
|-------|-------|---|------|------|-------|-------|-----|-----|--------|-----|-------|----|-----|----|----|----|-------|
| | | | | | | | | | (%) | (%) | From | To | Au | Ag | As | Cu | Pb |
| 52.0 | 61.8 | Pale grey quartz sandstone: First scattered quartz pebbles at 53m. | OLT | slc | 86.0 | 87.4 | 121 | 39 | 149 | 150 | <0.01 | <1 | 18 | 5 | 5 | 13 | 0.065 |
| | | | | | 87.4 | 88.8 | 100 | 20 | 150 | 151 | <0.01 | <1 | 6 | 4 | <5 | 21 | <0.05 |
| | | | | | 88.8 | 89.7 | 116 | 0 | 151 | 152 | <0.01 | <1 | 38 | 7 | <5 | 18 | <0.05 |
| 61.8 | 62.3 | Pebble conglomerate bed. | OLT | slc | 89.7 | 92.0 | 72 | 37 | 152 | 153 | <0.01 | <1 | 48 | 6 | 10 | 21 | 0.29 |
| | | | | | 92.0 | 93.2 | 56 | 11 | 153 | 154 | <0.01 | <1 | 16 | 4 | 5 | 5 | 0.1 |
| 62.3 | 114.6 | Fine grained quartzite/sandstone with minor pebble beds at various intervals. | OLT | slc | 93.2 | 94.7 | 90 | 66 | 154 | 155 | <0.01 | <1 | <3 | 3 | <5 | 21 | <0.05 |
| | | | | | 94.7 | 96.6 | 49 | 10 | | | | | | | | | |
| | | | | | 96.6 | 98.3 | 59 | 0 | 157 | 158 | <0.01 | <1 | 28 | 3 | <5 | 27 | 0.085 |
| 114.6 | 123.4 | Coarse grit/granule to pebble conglomerate with sharp base. | OLT | wet | 98.3 | 100.4 | 76 | 0 | 158 | 159 | <0.01 | <1 | 30 | 8 | 10 | 20 | 0.225 |
| | | | | | 100.4 | 102.4 | 77 | 44 | 159 | 160 | <0.01 | <1 | 14 | <2 | <5 | 10 | 0.055 |
| | | | | | 102.4 | 104.1 | 65 | 0 | 160 | 161 | <0.01 | <1 | 36 | <2 | <5 | 17 | 0.105 |
| 123.4 | 137.8 | Coarse grained sandstone, grit/granule conglomerate with minor pebble beds. | OLT | ssc | 104.1 | 106.0 | 12 | 0 | 161 | 162 | <0.01 | <1 | 28 | 3 | <5 | 19 | 0.165 |
| | | | | | 106.0 | 108.0 | 63 | 0 | 162 | 163 | <0.01 | <1 | 10 | 4 | 5 | 14 | 0.155 |
| | | | | | 108.0 | 110.3 | 67 | 25 | 163 | 164 | <0.01 | <1 | 10 | 4 | <5 | 24 | 0.08 |
| 137.8 | 138.6 | Bedded siltstone, fine grained sandstone 45 CA weak pyrite. | OLT | ssc | 110.3 | 112.8 | 64 | 0 | 164 | 165 | <0.01 | <1 | 26 | 3 | <5 | 29 | <0.05 |
| | | | | | 112.8 | 115.7 | 84 | 119 | | | | | | | | | |
| | | | | | 115.7 | 117.4 | 62 | 35 | | | | | | | | | |
| 138.6 | 139.6 | Coarse sandy/gritty quartzite with pebble layers. | OLT | ssc | 117.4 | 119.7 | 58 | 33 | | | | | | | | | |
| | | | | | 119.7 | 122.0 | 24 | 0 | | | | | | | | | |
| 139.6 | 140.4 | Siltstone/fine grained sandstone (occasional mudstone). 139.8m 3 - 4mm quartz vein with minor pyrite in selvedge. | OLT | ssc | 122.0 | 123.4 | 90 | 54 | | | | | | | | | |
| | | | | | 123.4 | 124.9 | 83 | 27 | | | | | | | | | |
| | | | | | 124.9 | 126.4 | 77 | 20 | | | | | | | | | |
| | | | | | 126.4 | 127.9 | 101 | 97 | | | | | | | | | |
| 140.4 | 142.8 | Sandstone/quartzite with minor pebbles | OLT | ssc | 127.9 | 129.4 | 89 | 80 | 171 | 172 | <0.01 | <1 | 46 | 6 | <5 | 17 | 0.08 |
| | | | | | 129.4 | 130.7 | 96 | 74 | | | | | | | | | |
| 142.8 | 144.6 | Coarse grained quartzite pebble beds with quartz and black mudstone/limestone fragments. Pyrite abundant locally. Fault striae with pyrite at 143 - 144m. Trace pyrite at 142.8m. | OLT | ssc | 130.7 | 132.3 | 76 | 31 | 175 | 176 | <0.01 | <1 | 42 | 7 | <5 | 23 | 0.075 |
| | | | | | 132.3 | 133.8 | 84 | 46 | 176 | 177 | 0.01 | <1 | 48 | 5 | <5 | 14 | 0.06 |
| | | | | | 133.8 | 135.4 | 73 | 0 | 177 | 178 | <0.01 | 4 | 130 | 22 | <5 | 26 | 0.175 |
| | | | | | 135.4 | 138.4 | 50 | 36 | 178 | 179 | <0.01 | <1 | 38 | 3 | <5 | 21 | 0.09 |
| 144.6 | 147.5 | Sandstone quartzite with grit/granule layers and trace 2 - 3mm quartz veins. Minor calcareous patches. Bedding 40 CA. Trace pyrite. | OLT | ssc | 138.4 | 139.7 | 88 | 33 | 179 | 180 | <0.01 | <1 | 22 | 3 | <5 | 18 | 0.075 |
| | | | | | 139.7 | 141.4 | 65 | 41 | | | | | | | | | |
| | | | | | 141.4 | 142.9 | 85 | 35 | 182 | 183 | <0.01 | <1 | 26 | 5 | <5 | 45 | 0.055 |
| | | | | | 142.9 | 144.4 | 56 | 26 | 183 | 184 | <0.01 | <1 | 12 | 10 | 10 | 37 | 0.31 |

| From | To | Description | Unit | Code | From | To | Rec (%) | RQD (%) | Assays | | | | | | | | | |
|-------|-------|---|------|------|-------|-------|---------|---------|--------|----|----|----|----|----|----|----|---|--|
| | | | | | | | | | From | To | Au | Ag | As | Cu | Pb | Zn | S | |
| 147.5 | 147.9 | Decomposed sandstone. | OLT | ssc | | | | | | | | | | | | | | |
| | | | | | 144.4 | 145.8 | 90 | 66 | | | | | | | | | | |
| 147.9 | 150.1 | Sandstone/quartzite, coarse grained at 149.2m with pyrite otherwise fine grained. | OLT | ssc | 145.8 | 147.4 | 82 | 47 | | | | | | | | | | |
| | | | | | 147.4 | 149.4 | 64 | 50 | | | | | | | | | | |
| | | | | | 149.4 | 151.4 | 87 | 71 | | | | | | | | | | |
| 150.1 | 253.7 | Quartz sandstone/quartzite and grit with occasional quartz pebble bands. minor disseminated pyrite in patches throughout the interval. | OLT | ssc | 151.4 | 152.9 | 100 | 45 | | | | | | | | | | |
| | | | | | 152.9 | 154.3 | 0 | 62 | | | | | | | | | | |
| | | | | | 154.3 | 155.5 | 98 | 88 | | | | | | | | | | |
| | | | | | 155.5 | 157.8 | 84 | 92 | | | | | | | | | | |
| 253.7 | 280.3 | Fault. Broken core, brecciated sandstone, pyrite locally present. 260.0 - 263.0m main crosscourse fault No Core. occasional quartz pebble horizons. | OLT | ssc | 157.8 | 159.4 | 94 | 101 | | | | | | | | | | |
| | | | | | 159.4 | 160.8 | 84 | 40 | | | | | | | | | | |
| | | | | | 160.8 | 162.4 | 78 | 17 | | | | | | | | | | |
| | | | | | 162.4 | 165.0 | 88 | 40 | | | | | | | | | | |
| | | E.O.H. at 280.3m. | | | 165.0 | 166.8 | 80 | 101 | | | | | | | | | | |
| | | | | | 166.8 | 167.4 | | 31 | | | | | | | | | | |
| | | | | | 167.4 | 168.4 | 77 | 10 | | | | | | | | | | |
| | | | | | 168.4 | 171.1 | 81 | 66 | | | | | | | | | | |
| | | | | | 171.1 | 172.7 | 89 | 37 | | | | | | | | | | |
| | | | | | 172.7 | 175.3 | 55 | 41 | | | | | | | | | | |
| | | | | | 175.3 | 176.9 | 83 | 23 | | | | | | | | | | |
| | | | | | 176.9 | 178.9 | 65 | 46 | | | | | | | | | | |
| | | | | | 178.9 | 180.4 | 75 | 73 | | | | | | | | | | |
| | | | | | 180.4 | 181.9 | 103 | 86 | | | | | | | | | | |
| | | | | | 181.9 | 183.4 | 73 | 44 | | | | | | | | | | |
| | | | | | 183.4 | 184.9 | 85 | 72 | | | | | | | | | | |
| | | | | | 184.9 | 186.4 | 85 | 54 | | | | | | | | | | |
| | | | | | 186.4 | 187.4 | 142 | 45 | | | | | | | | | | |
| | | | | | 187.4 | 189.4 | 69 | 92 | | | | | | | | | | |
| | | | | | 189.4 | 190.9 | 98 | 92 | | | | | | | | | | |
| | | | | | 190.9 | 192.4 | 88 | 88 | | | | | | | | | | |
| | | | | | 192.4 | 193.9 | 94 | 81 | | | | | | | | | | |
| | | | | | 193.9 | 195.4 | 86 | 47 | | | | | | | | | | |
| | | | | | 195.4 | 197.4 | 87 | 31 | | | | | | | | | | |

403068

| From | To | Unit | Code | From | To | Rec (%) | RQD (%) | Assays | | | | | | | | |
|------|----|------|------|-------|-------|---------|---------|--------|-----|-------|----|-----|----|----|-----|-------|
| | | | | | | | | From | To | Au | Ag | As | Cu | Pb | Zn | S |
| | | | | 197.4 | 199.9 | 89 | 61 | 215 | 216 | <0.01 | <1 | 28 | 3 | 5 | 14 | 0.085 |
| | | | | 199.9 | 201.4 | 89 | 76 | 216 | 217 | <0.01 | <1 | 32 | 10 | <5 | 15 | 0.05 |
| | | | | 201.4 | 202.9 | 78 | 10 | 217 | 218 | <0.01 | <1 | 76 | 5 | <5 | 20 | 0.06 |
| | | | | 202.9 | 204.4 | 82 | 26 | | | | | | | | | |
| | | | | 204.4 | 207.4 | 71 | 15 | | | | | | | | | |
| | | | | 207.4 | 208.9 | 79 | 42 | | | | | | | | | |
| | | | | 208.9 | 211.1 | 61 | 21 | | | | | | | | | |
| | | | | 211.1 | 212.1 | 36 | 0 | | | | | | | | | |
| | | | | 212.1 | 212.7 | 62 | 0 | 250 | 251 | 0.02 | <1 | 36 | 10 | 5 | 37 | <0.05 |
| | | | | 212.7 | 214.5 | | 24 | 251 | 252 | 0.01 | <1 | 52 | 8 | 5 | 40 | <0.05 |
| | | | | 214.5 | 215.5 | 50 | 16 | 252 | 253 | <0.01 | <1 | 26 | 5 | 5 | 58 | <0.05 |
| | | | | 215.5 | 217.5 | 59 | 20 | 253 | 254 | <0.01 | <1 | 20 | 5 | <5 | 26 | <0.05 |
| | | | | 217.5 | 218.4 | 76 | 48 | 254 | 255 | <0.01 | <1 | 18 | 5 | 5 | 20 | <0.05 |
| | | | | 218.4 | 219.1 | 171 | 30 | 255 | 256 | <0.01 | <1 | 18 | 6 | <5 | 15 | <0.05 |
| | | | | 219.1 | 220.0 | 44 | 0 | 256 | 257 | <0.01 | <1 | 18 | 6 | <5 | 14 | <0.05 |
| | | | | 220.0 | 222.3 | 58 | 25 | 257 | 258 | <0.01 | <1 | 54 | 13 | 5 | 75 | <0.05 |
| | | | | 222.3 | 223.8 | 94 | 73 | 258 | 259 | <0.01 | <1 | 165 | 13 | 15 | 600 | 0.555 |
| | | | | 223.8 | 226.8 | 88 | 119 | 259 | 260 | 0.04 | <1 | 62 | 9 | 10 | 21 | 0.295 |
| | | | | 226.8 | 228.2 | 97 | 22 | 260 | 261 | 0.01 | <1 | 20 | 10 | 5 | 23 | 0.325 |
| | | | | 228.2 | 231.1 | 84 | 122 | | | | | | | | | |
| | | | | 231.1 | 234.6 | 83 | 79 | 262.8 | 265 | 0.03 | <1 | 46 | 8 | 10 | 40 | 0.225 |
| | | | | 234.6 | 237.6 | 79 | 62 | 265 | 266 | 0.01 | <1 | 10 | 9 | 5 | 34 | 0.49 |
| | | | | 237.6 | 240.6 | 64 | 10 | 266 | 267 | 0.01 | <1 | 8 | 14 | 10 | 31 | 0.36 |
| | | | | 240.6 | 242.8 | 50 | 0 | 267 | 268 | <0.01 | <1 | 26 | 6 | <5 | 39 | 0.345 |
| | | | | 242.8 | 244.8 | 69 | 42 | 268 | 269 | <0.01 | <1 | 14 | 19 | <5 | 19 | 0.19 |
| | | | | 244.8 | 246.8 | 82 | 38 | 269 | 270 | <0.01 | <1 | 14 | 9 | 10 | 25 | 0.18 |
| | | | | 246.8 | 249.6 | 76 | 53 | 270 | 271 | 0.01 | <1 | 32 | 20 | 15 | 31 | 0.65 |
| | | | | 249.6 | 250.4 | 70 | 0 | 271 | 272 | 0.01 | <1 | 28 | 19 | 10 | 43 | 0.685 |
| | | | | 250.4 | 253.7 | 84 | 47 | 272 | 273 | 0.01 | <1 | 44 | 15 | 5 | 53 | 0.215 |
| | | | | 253.7 | 255.3 | 39 | 0 | 273 | 274 | 0.03 | <1 | 105 | 7 | 10 | 110 | 0.455 |
| | | | | 255.3 | 258.3 | 27 | 0 | 274 | 275 | 0.04 | <1 | 115 | 11 | 5 | 115 | 0.54 |
| | | | | 258.3 | 260.0 | 26 | 0 | 275 | 276 | 0.03 | <1 | 70 | 12 | 15 | 160 | 0.435 |
| | | | | 260.0 | 262.8 | 8 | 0 | | | | | | | | | |

403069

| From | To | Description | Unit | Code | From | To | Rec (%) | RQD (%) | Assays | | | | | | | | | | |
|------|----|-------------|------|------|-------|-------|---------|---------|--------|-----|------|----|----|----|----|----|-------|--|--|
| | | | | | | | | | From | To | Au | Ag | As | Cu | Pb | Zn | S | | |
| | | | | | 262.8 | 265.8 | 11 | 0 | | | | | | | | | | | |
| | | | | | 265.8 | 268.3 | 32 | 0 | 277 | 278 | 0.02 | <1 | 38 | 6 | 5 | 22 | 0.345 | | |
| | | | | | 268.3 | 270.5 | 41 | 0 | | | | | | | | | | | |
| | | | | | 270.5 | 271.6 | 48 | 0 | | | | | | | | | | | |
| | | | | | 271.6 | 273.4 | 33 | 0 | | | | | | | | | | | |
| | | | | | 273.4 | 274.8 | 41 | 0 | | | | | | | | | | | |
| | | | | | 274.8 | 276.3 | 23 | 0 | | | | | | | | | | | |
| | | | | | 276.3 | 277.8 | 14 | 0 | | | | | | | | | | | |
| | | | | | 277.8 | 279.3 | 4 | 0 | | | | | | | | | | | |
| | | | | | 279.3 | 280.8 | 2 | 0 | | | | | | | | | | | |

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