Beaconsfield Gold NL

Diamond Drill Hole Summary Log Sheet

Tenement: EL 12/99	Collar: 485,443E, 5,439,238N AMG	Total Depth: 212.8m
Prospect: East Beaconsfield	RL: 25.35m	Water Table: ~ 12.0 m
Hole No: EB-7	AZM: 294 AMG	Base of Oxid'n: 18.0m
Date Drilled: 1-22 November 1999	Dip: -45	Sample No's: EB7-01 to -28
Driller: Stacpoole-W Bald	Core Size: HQ 18.00 to 212.80 m	Geologist: K Morrison

Purpose

To test the orientation, stratigraphic position and evidence for mineralisation in a unit of altered calc sandstone intersected in percussion holes EB-1 and EB-4.

Core Recovery: 99.7%

Down Hole Surveys

1. 114 metres,
   Dip –48.5°
   AZ 293° AMG

2. 160 metres
   Dip -48°
   AZ 292° AMG

3. 210 metres
   Dip –47.5°
   AZ 293° AMG

Results

Below the base Permian tillite unconformity (119.05 m) the hole intersected a sequence of calcareous quartz sandstone, impure and pure limestones with interbedded green phyllite, down to 212.80 m EOH. The sequence is interpreted as Blyths Creek Formation and orientated core readings show a NW to SW bedding dip. The intersection is interpreted to be on the east limb of a syncline above the Cobblestone Creek Thrust. A silica-pyrite alteration zone overprints part of the calc sandstone unit, from 146.35 to 162.80 metres down hole. The alteration position corresponds to a NE trending magnetic linear. No gold or arsenic were encountered.

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Depth (m)	Litho	Unit	Description
0-12.0	Sediment	Czrg	clay, gravel, rock, wood fill material
12.0-18.0	Mudstone	Pbt	soft heavily weathered yellow brown, grey mudstone, start coring HQ at 18 m
18.0-19.5	Mudstone	Pbt	broken, partly weathered grey carb mudstone
19.5-93.8	Mudstone	Pbt	fresh dark grey bioturbated carb mudstone, occasional matrix supported quartz pebble, minor calcite, pyrite development in fracture surfaces, BCA 45-50°
93.8-119.05	Tillite	Pbt	polymict, mainly matrix supported conglom / sed breccia, silty carb mudstone, mainly siliceous clasts. fining-up transitional upper contact, erosional unconformity at base with abundant nodular authogenic pyrite
119.05-119.20	Sandstone	Cbcs	deformed brecciated top to calc quartz sandstone, abund v quartz, pyrite
119.20-133.6	Sandstone	Cbcs	blue grey black med qutz sst, abund secondary calcite mottling, up to 25% calcite quartz veining in stockwork texture (unmineralised), minor carb laminae with vf pyrite, stylolitic discordant structures with high carb/MnO_2 concentrations

ASSAYS (ppm)		
Interval (m)	Au	As
121.25-121.65	<0.01	<50

Depth (m)	Litho	Unit	Description
133.6-146.35	Sandstone/ Phyllite	Cbcs	blue grey calcareous, locally carbonaceous, heavily veined sst A/A, interbedded with grey green phyllite, minor impure lmst, small scale folding in interbeds. lutite interbeds increasing down hole 135 m BCA 40° 141 m BCA. zone of silica pyrite enrichment 140.0 -- 148 ., up to 10% pyrite, mainly in phyllite laminae
146.35-162.8	Silica-Pyrite alteration	Cbcs	pervasive alteration overprinting Cbcs zone has gradational top, abrupt base, alteration consists of silica flooding + 5-10% pyrite, central part of zone most intense, includes fine black undulose stockwork and wispy stylolite like stringers, glassy silica-pyrite overprints the matrix carbonate in sst, increased ankerite content in veins
162.8-172.6	Sandstone/ Phyllite	Cbcs	blue grey heavily veined calc qutz sst interbedded with grey green phyllite grading to impure limestone (same unit as above alt zone), 164.8 m bdg dip 50°.314
172.6-190.5	Limestone	Cbcgl	conformably underlying Cbcs, sandy micritic lmst grading from grey stylolite impure lmst with minor

ASSAYS (ppm)		
Interval (m)	Au	As
140.00-140.30	<0.01	<50
140.30-140.70	<0.01	<50
149.40-149.90	<0.01	<50
149.90-150.30	<0.01	<50
150.30-150.65	<0.01	<50
150.65-151.10	<0.01	<50
151.10-151.47	<0.01	<50
151.47-151.84	<0.01	<50
152.00-152.40	<0.01	<50
152.40-152.80	<0.01	<50
152.80-153.30	<0.01	<50
153.30-153.80	<0.01	<50
153.80-154.35	<0.01	<50
154.35-154.80	<0.01	<50
154.80-155.40	<0.01	<50
155.40-156.00	<0.01	<50
156.00-156.45	<0.01	<50
156.45-157.00	<0.01	<50
157.00-157.50	<0.01	<50
157.50-158.00	<0.01	<50
158.00-158.50	<0.01	<50
158.50-159.00	<0.01	<50
159.00-159.45	<0.01	<50
159.45-159.85	<0.01	<50
159.85-160.39	<0.01	<50
160.39-160.75	<0.01	<50
160.75-161.25	<0.01	<50

Depth (m)	Litho	Unit	Description
			fissile phyllitic interbeds, down to more pure paler lmst, minor pyrite. 146.8 m BCA 10°, 149 m BCA 20°, 185.8 m bdg dip 30°.324, 188.8 m bdg dip 55°.224
190.5-212.8	Limestone	Cbcwl	white, minor pink, grey relatively pure fine crystalline lmst with zone of poorly sorted coarse quartz sand. At 212 m detrital chromite with fuchsite rims + quartz grains define bedding, minor fissile phyllitic interbeds. 200 m BCA 10-20°, 209 m bdg dip 40°.279
EOH			

ASSAYS (ppm)		
Interval (m)	Au	As