

Borehole Information

Borehole Number:

105/17/X462/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL57/98

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.480405 , 24.491566

Location: Orapa

Start Drill: 2004-08-31

End Drill: 2004-09-01

Borehole Type: Exploration

Drilling Method: Percussion & Core

Sample Type: Core & Chips

Depth of Surface Casing: N/A

Azimuth: Degrees

Hole Inclination: -90 Degrees

Collar Elevation: 941 Metres

Borehole Water Strike: 56 Metres

End of Hole (Depth): 111 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	2	Surface vegetation: Mopani & grass, Dark-grey fine Sand.
2.	2	11	Grey-orange fine Sand, as above with cream-white calcrete.
3.	11	23	Sandy calcrete, Silcrete & calcrete.
4.	23	26	Black and greyy - orange Silcrete.
5.	26	35	Grey-orange calcretised Sandstone (& cream-white).
6.	35	54	Orange (pinkish) medium to fine grained Sandstone; gradually turns reddish then red at 47mm.
7.	54	63	Red-brown siltstone 56m. Water at 56m, Coarse to very coarse Sandstone with zeoliths and clasts of siltstone & Bioturbation. Typical gravels: pebbles of quartz (River Channel).
8.	63	68	Yellow-orange laminated mudstone/siltstone.
9.	68	73	Brown (red-brown) fine grained oxidised-weathered brown-yellowish Sandstone- affected by Igneous below.
10.	73	90	Dark-brown (Dark-grey) very fine grained Igneous, fresh and strongly magnetic. Colour: Dark-green (grey) Texture: Very fine Minerals Identified: shiny pyrite-like or chalcopyrite-like. Rock Type: Dolerite/ Basalt/ Basement?
11.	90	111	Dark-grey very fine grained Igneous-highly magnetic rock. Dolerite? Basalt ? The anomaly is resolved by the magnetic igneous (Basalt/Dolerite?)

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Borehole Information

NB: For any enquiries, application, acquisition or verifications related to Water Boreholes, kindly contact the Department of Water and Sanitation for assistance.

