

Borehole Information

Borehole Number:

105/18/X625/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL001/97

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.295676 , 25.540437

Location: Orapa

Start Drill: 2005-08-13

End Drill: 2005-08-15

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: 952 Metres

Borehole Water Strike: 59 Metres

End of Hole (Depth): 71 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	1	Cream white calcrete mixed with Sandy Topsoil.
2.	1	9	Cream white massive calcrete becoming light orange with depth.
3.	9	13	Greyish brown, weathered Basalt.
4.	13	18	Brownish grey, weathered Basalt.
5.	18	24	Greyish greenish, relatively fresh Basalt.
6.	24	40	Dark greyish, fresh and competent Basalt characterised by sparkling crystal faces against the sun.
7.	40	49	Greyish brown, moderately fresh and competent Basalt with sparkling crystals.
8.	49	54	Greyish brown to reddish, relatively fresh and competent, calcite amygdales observed (8-10%).
9.	54	56	Greyish greenish, relatively soft kimberlite like Basalt? With lot of empty vesicles as well as partially filled vesicles with dark minerals.
10.	56	58	Brownish green, relatively fresh Basalt, calcite amygdales abundant (15%).
11.	58	65	Reddish brown, fine-grained (well-sorted) weathered Sandstone, highly contaminated by the overlying Basalt fragments.
12.	65	71	Orangish yellow, fine-grained (well-sorted) weathered Sandstone with high Basalt contaminant.

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

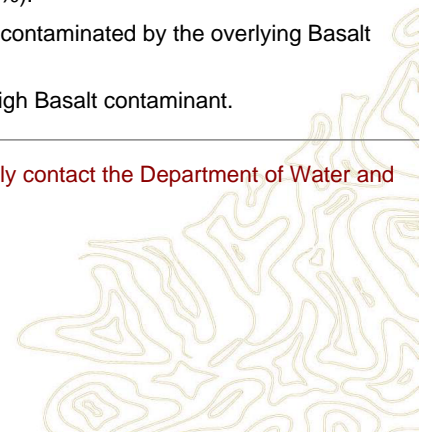
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Sanitation for assistance.

