

Borehole Information

Borehole Number:

105/17/X452/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL57/98

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.506601 , 24.470885

Location: Kedia

Start Drill: 2004-09-10

End Drill: 2004-09-13

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: 939 Metres

Borehole Water Strike: N/A

End of Hole (Depth): 141 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	5	Grey-fine Sand & Topsoil with cream-white calcrete.
2.	5	8	Cream-white calcrete.
3.	8	16	Dark-grey fine but massive Silcrete & minor Sandy calcrete.
4.	16	26	Cream-white calcareous Sandstone. Note green "pan material" (Chlorite ? At 25m).
5.	26	33	Grey-pink fine grained calcretised Sandstone. Cream-white medium grained Sandy calcrete (but with) some pinkish input.
6.	33	37	Cream-white & pink calcareous Sandstone, pinkish fine to medium grained Sandstone.(colour intensity increases slightly downward.
7.	37	62	Reddish colour intensity increases downward, red-brown fine grained Sandstone, becomes coarser and bioturbated. Abundant Garnets seen in concentrate from this layer of lower Kalahari in +0.425-1.0mm fraction.
8.	62	68	Red-brown-yellowish siltstone, red-brown mudstone.
9.	68	119	Red-brown-greyish siltstone becomes dark-brown then greyish siltstone.
10.	119	142	Dark-grey fine grained pyritic -magnetic igneous rock (Basalt?).

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

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