

Borehole Information

Borehole Number:

105/18/X633/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL001/97

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.268752 , 25.595104

Location: Orapa

Start Drill: 2005-04-20

End Drill: 2005-04-20

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: 966 Metres

Borehole Water Strike: 57 Metres

End of Hole (Depth): 59 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	3	Cream white weathered calcrete with about 5% Silcrete.
2.	3	5	Brown weathered Basalt mixed calcrete and Silcrete.
3.	5	10	Greenish brown weathered Basalt.
4.	10	11	Reddish brown weaathered Basalt.
5.	11	12	Dark brown weathered Basalt.
6.	12	13	Greenish grey fresh and competent Basalt mixed with about 40% brown weathered Basalt.
7.	13	14	Greenish grey fresh and competent Basalt.
8.	14	16	Greenish grey fresh and competent Basalt with about 10% amygdales.
9.	16	22	Greenish brown fresh and competent Basalt.
10.	22	23	Brownish green fresh and competent Basalt
11.	23	24	Greenish brown fresh and competent Basalt.
12.	24	27	Brownish green fresh and competent Basalt with some reddish brown ferricretised Basalt.
13.	27	31	Brownish green fresh and competent Basalt.
14.	31	34	Greenish grey fresh and competent Basalt.
15.	34	35	Green fresh and competent Basalt with about 30% ferricretised Basalt.

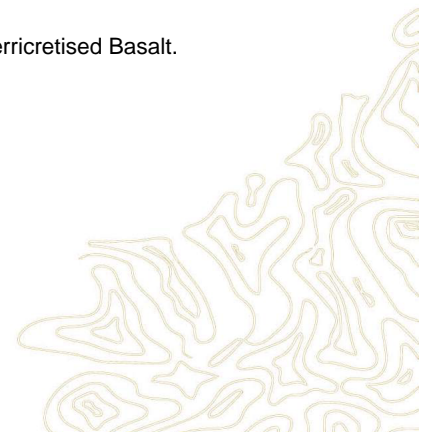
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16.	35	38	Brownish green fresh and competent Basalt.
17.	38	40	Dark brown fresh and competent Basalt mixed with about 20% green Basalt.
18.	40	41	Dark brown weathered Basalt.
19.	41	42	Light brown weathered and unconsolidated Sandstone with about 20% weathered brown Basalt.
20.	42	44	Pink fine grained weathered and unconsolidated Sandstone
21.	44	46	Light orange fine grained weathered and unconsolidated Sandstone.
22.	46	53	Light brown fine grained weathered and unconsolidated Sandstone.
23.	53	59	Yellowish brown fine grained weathered and unconsolidated.

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

