

Borehole Information

Borehole Number:

105/18/X630/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL001/97

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.501634 , 25.889753

Location: Orapa

Start Drill: 2005-04-25

End Drill: 2005-04-28

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: 1049 Metres

Borehole Water Strike: 50 Metres

End of Hole (Depth): 138 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	2	Yellowish brown loose fine grained Topsoil.
2.	2	5	Light reddish brown fine grained consolidated silcretised Sandstone with about 10 % calcrete.
3.	5	8	Light reddish brown fine grained silcretised Sandstone.
4.	8	15	Moderate orange pink fine grained weathered unconfined Sandstone.
5.	15	17	Very light orange fine grained unconsolidated Sandstone.
6.	17	18	Light orange fine grained unconsolidated Sandstone.
7.	18	21	Very light orange fine grained unconsolidated Sandstone.
8.	21	22	Light orange fine grained unconsolidated Sandstone.
9.	22	23	Greyish orange fine grained unconsolidated Sandstone.
10.	23	26	Light orange fine grained unconsolidated Sandstone with about 10% cream white Sandstone.
11.	26	29	Light orange fine grained unconsolidated Sandstone.
12.	29	31	Orange fine grained unconsolidated Sandstone.
13.	31	42	Yellowish orange fine to medium grained unconsolidated Sandstone.
14.	42	43	Orange, fine to medium grained unconsolidated Sand stone
15.	43	49	Orange fine grained unconsolidated Sandstone.

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16.	49	53	Orange fine grained unconsolidated Sandstone
17.	53	56	Brownish orange fine grained unconsolidated Sandstone
18.	56	58	Light brown weathered basalt with about 10% calcite
19.	58	59	Dark brown weathered basalt with 30% calcite
20.	59	60	Dark brown weathered basalt with 20% amygdals
21.	60	63	Brownish green fresh and competent basalt.
22.	63	66	Dark brown fresh and competent basalt with about 20% amygdales.
23.	66	67	Greenish brown competent basalt with amygdales.
24.	67	70	Greenish brown competent Basalt with amygdales.
25.	70	71	Greenish brown weathered Sandstone with about 20% liight brown Sandstone.
26.	71	72	Light brown fine grained saandstone.
27.	72	73	Greenish brown fresh and competent Basalt with 5% amygdales.
28.	73	75	Greenish brown fresh and competent basalt with about 20% amygdales.
29.	75	76	Greenish brown fresh and competent Basalt.
30.	76	78	Greenish grey fresh Basalt.
31.	78	80	Light green fresh basalt with collapsed light orange Sandstone.
32.	80	85	Light green fresh Basalt wiith amygdales.
33.	85	87	Light grey fresh basalt.
34.	87	95	Light greyish green fresh and competent Basalt.
35.	95	96	Light greyish green fresh Basalt with amygdales.
36.	96	119	Light greenish grey fresh Basalt.
37.	119	121	Light grey fresh Basalt.
38.	121	123	Light brown Sandstone with light grey to brownish basalt.
39.	123	124	Light orange fine grained Sandstone.
40.	124	138	Orange fine grained weathered Sandstone.

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

