

Borehole Information

Borehole Number:

105/18/X683/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL001/97

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.488578 , 25.516931

Location: Orapa

Start Drill: 2005-06-03

End Drill: 2005-06-06

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: 1015 Metres

Borehole Water Strike: 133 Metres

End of Hole (Depth): 159 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	1	Orange to yellowish loose fine weathered Sand
2.	1	3	Yellowish brown loose weathered Sand
3.	3	6	Light brown silcretised Sandstone.
4.	6	12	Reddish brown calcretised basalt with a lot of silcrete.
5.	12	15	Reddish brown weathered basalt with about 20% silcretised calcrete.
6.	15	20	Reddish brown fresh and competent basalt.
7.	20	23	Reddish brown fresh and competent basalt with about 5% silcretised calcite.
8.	23	29	Reddish brown fresh and competent basalt.
9.	29	30	Brownish red fresh amygdaloidal basalt.
10.	30	34	Brownish red fresh and competent basalt.
11.	34	38	Greenish brown fresh basalt.
12.	38	39	Greenish brown fresh basalt with about 20% reddish brown fresh basalt.
13.	39	45	Greenish brown fresh and competent basalt.
14.	45	47	Dark brown fresh amygdaloidal basalt.
15.	47	51	Brownish green fresh and competent basalt.

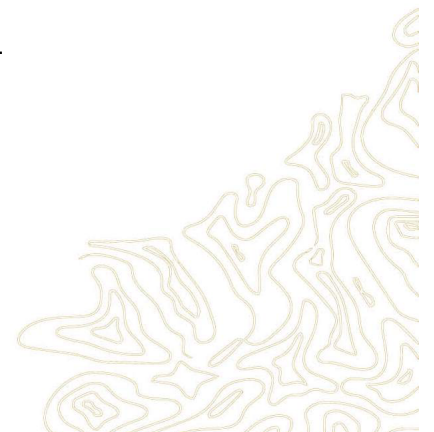
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Page Number: 1 | **Date/Time Stamp:** Sat, 21 Dec 24 18:07:11 +0200



Borehole Information

16.	51	53	Brownish green fresh and competent amygdaloidal basalt.
17.	53	58	Brownish green fresh and competent basalt with about 10% Silcrete.
18.	58	59	Greenish brown fresh amygdaloidal basalt with 20% Silcrete.
19.	59	64	Brownish green fresh basalt.
20.	64	66	Dark brown amygdaloidal basalt.
21.	66	70	Greenish brown fresh basalt.
22.	70	71	Dark brown fresh amygdaloidal basalt.
23.	71	83	Brownish green fresh basalt.
24.	83	85	Reddish brown amygdaloidal basalt with about 20% calcite.
25.	85	86	Reddish brown amygdaloidal basalt.
26.	86	90	Greenish brown fresh and competent amygdaloidal basalt.
27.	90	95	Greyish green fresh and competent basalt.
28.	95	96	Greyish green fresh amygdaloidal basalt.
29.	96	97	Greenish grey fresh basalt.
30.	97	98	Greenish grey fresh basalt with about 20% yellowish orange Sandstone.
31.	98	103	Greenish brown fresh basalt with about 10% amygdaloids.
32.	103	104	Dark brown fresh amygdaloidal basalt.
33.	104	114	Greenish brown fresh basalt.
34.	114	126	Greyish green fresh and competent basalt with pyrite grains.
35.	126	128	Greyish green fresh and competent basalt with about 10% reddish brown basalt.
36.	128	129	Greyish green ferricretised basalt.
37.	129	131	Greyish green fresh and competent basalt with about 30% brownish green ferricretised basalt.
38.	131	133	Reddish brown Sandstone with about greyish green weathered basalt.
39.	133	136	Dark orange fine grained Sandstone.
40.	136	138	Brownish orange fine grained Sandstone.
41.	138	151	Yellowish orange fine grained unconsolidated Sandstone.
42.	151	159	Light orange fine grained unconsolidated Sandstone.

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

