

## Borehole Information

**Borehole Number:**

**105/18/X683/H02**

**Prospecting Company:** De Beers Holdings Botswana

**Prospecting License No.:** PL001/97

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -21.489039 , 25.517979

**Location:** Orapa

**Start Drill:** 2005-06-06

**End Drill:** 2005-06-07

**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:** 1018 Metres

**Borehole Water Strike:** N/A

**End of Hole (Depth):** 144 Metres

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	2	Yellowish orange loose fine grained Sand.
2.	2	6	Greyish brown silcretised Sandstone with about 15% silcretised calcrete.
3.	6	7	Cream white silcretised calcrete.
4.	7	10	Reddish brown calcretised basalt.
5.	10	19	Reddish brown calcretised basalt mixed with about 30% calcretised Silcrete.
6.	19	24	Greenish brown weathered basalt.
7.	24	26	Greenish brown fresh and competent basalt.
8.	26	29	Reddish brown fresh and competent basalt.
9.	29	33	Dark brown fresh amygdaloidal basalt.
10.	33	37	Greenish brown fresh and competent basalt.
11.	37	38	Greenish brown fresh basalt mixed with 10% ferricretised reddish brown basalt.
12.	38	42	Greenish brown fresh and competent basalt.
13.	42	45	Greyish brown fresh and competent basalt.
14.	45	47	Dark brown fresh fresh amygdaloidal basalt.
15.	47	48	Greenish brown fresh and competent basalt.

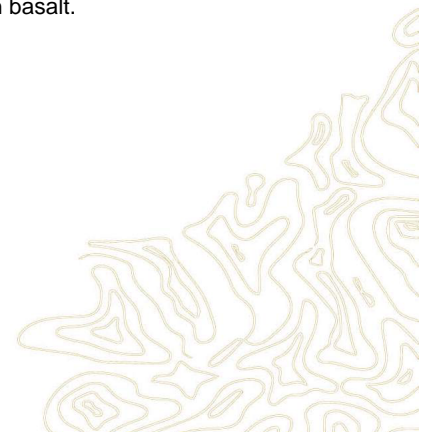
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16.	48	50	Greenish brown fresh amygdaloidal basalt.
17.	50	56	Greenish brown fresh basalt.
18.	56	57	Reddish brown fresh amygdaloidal basalt.
19.	57	59	Dark brown fresh and competent basalt.
20.	59	61	Greenish brown fresh basalt.
21.	61	64	Brownish green fresh and competent basalt.
22.	64	65	Greenish brown amygdaloidal basalt.
23.	65	70	Greenish brown fresh basalt.
24.	70	72	Dark brown fresh amygdaloidal basalt.
25.	72	73	Greenish brown fresh basalt.
26.	73	81	Brownish green fresh basalt.
27.	81	82	Greenish brown fresh amygdaloidal basalt.
28.	82	86	Greenish brown fresh basalt.
29.	86	97	Brownish green fresh and competent basalt.
30.	97	98	Brownish green fresh amygdaloidal.
31.	98	100	Greyish brown fresh amygdaloidal basalt.
32.	100	103	Greenish brown fresh basalt.
33.	103	104	Greyish brown fresh amygdaloidal basalt.
34.	104	113	Greenish brown fresh and competent basalt.
35.	113	118	Blackish brown fresh and competent basalt.
36.	118	119	Reddish brown ferricretised basalt.
37.	119	125	Brownish green fresh and competent basalt.
38.	125	128	Brownish green fresh and competent basalt with about 10% reddish brown ferricretised basalt.
39.	128	129	Greenish red ferricretised basalt.
40.	129	130	Greenish brown ferricretised basalt
41.	130	131	Reddish brown ferricretised basalt mixed with greenish brown basalt.
42.	131	132	Reddish brown ferricretised basalt.
43.	132	134	Orange weathered fine grained Sandstone mixed with some collapsed greenish brown basalt and brown Sandstone
44.	134	141	Dark orange fine grained unconsolidated Sandstone.
45.	141	144	Yellowish orange unconsolidated Sandstone.

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

