

## Borehole Information

**Borehole Number:**

**105/18/X470/H01**

**Prospecting Company:** De Beers Holdings Botswana

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

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -21.292513 , 25.545451

**Location:** Orapa

**Start Drill:** 2005-04-16

**End Drill:** 2005-04-18

**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:** 962 Metres

**Borehole Water Strike:** 66 Metres

**End of Hole (Depth):** 83 Metres

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	5	Cream white weathered calcrete mixed with cilcrete.
2.	5	6	Light yellow weathered calcrete.
3.	6	9	Dark brown weathered Basalt with about 30% collapsed calcrete.
4.	9	10	Dark brown fresh and competent Basalt.
5.	10	12	Dark fresh and competent Basalt with amygdals.
6.	12	14	Dark brown weathered Basalt.
7.	14	16	Dark brown fresh and competent Basalt.
8.	16	17	Reddish brown fresh and competent Basalt.
9.	17	19	Reddish brown fresh and competent Basalt 20% amygdals.
10.	19	20	Reddish brown fresh and compeetent Basalt with about 20% amygdals.
11.	20	21	Greenish brown fresh and competent Basalt with 10% amygdals.
12.	21	23	Greenish brown fresh and competent Basalt with some amygdals.
13.	23	24	Greenish grey fresh and competent Basalt.
14.	24	26	Greenish grey fresh and competent Basalt with some amygdals.
15.	26	27	Brownish grey fresh competent Basalt.

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16.	27	29	Reddish brown fresh and competent Basalt with about 20% sub-rounded to rounded.
17.	29	30	Reddish brown fresh and competent Basalt with about 10% amygdales.
18.	30	31	Greenish brown fresh and competent Basalt with about 10% amygdales.
19.	31	35	Greenish brown fresh and competent Basalt.
20.	35	37	Reddish brown fresh and competent Basalt with about 10% amygdales.
21.	37	43	Greenish brown fresh and competent Basalt.
22.	43	45	Greenish brown fresh and competent Basalt with about 5% amygdales.
23.	45	46	Dark brown fresh and competent Basalt.
24.	46	48	Greenish grey fresh and competent Basalt.
25.	48	49	Greenish brown fresh and competent Basalt.
26.	49	51	Greenish grey fresh and competent Basalt.
27.	51	52	Greenish brown fresh competent Basalt.
28.	52	53	Dark brown fresh and competent Basalt.
29.	53	55	Dark brown fresh and competent Basalt with about 5% amygdales.
30.	55	58	Dark brown fresh and competent Basalt.
31.	58	60	Reddish brown fresh and competent Basalt with about 20% amygdales.
32.	60	61	Reddish brown fresh and competent Basalt.
33.	61	62	Dark brown fresh and competent Basalt.
34.	62	64	Dark brown weathered Basalt.
35.	64	66	Light brown fine grained unconsolidated Sandstone with about 30% brown Basalt.
36.	66	71	Light brown fine grained unconsolidated Sandstone.
37.	71	72	Dark orange fine grained unconsolidated Sandstone with some collapsed brown Basalt.
38.	72	76	Dark orange fine grained unconsolidated Sandstone.
39.	76	77	Light orange fine grained unconsolidated Sandstone.
40.	77	78	Dark orange fine grained unconsolidated Sandstone.
41.	78	82	Light orange fine grained unconsolidated Sandstone.
42.	82	83	Yellowish 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.

