

## Borehole Information

**Borehole Number:**

**105/18/X620/H01**

**Prospecting Company:** De Beers Holdings Botswana

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

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -21.431687 , 25.546681

**Location:** Orapa

**Start Drill:** 2005-04-05

**End Drill:** 2005-04-05

**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:** 999 Metres

**Borehole Water Strike:** 128 Metres

**End of Hole (Depth):** 150 Metres

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	1	Light brown Sand mixed with Silcrete.
2.	1	2	Pink orange Silcrete mixed with light grey calcrete
3.	2	6	Pink orange Silcrete mixed with medium brown basalt
4.	6	18	Medium brown medium weathered basalt with cream white calcite.
5.	18	26	Medium brown medium weathered basalt.
6.	26	29	Light brown medium weathered basalt.
7.	29	34	Greyish brown medium weathered basalt.
8.	34	44	Medium brown medium weathered basalt.
9.	44	49	Greyish brown fresh basalt high competent.
10.	58	64	Highly competent dark grey fresh basalt.
11.	64	70	Reddish grey medium fresh basalt.
12.	70	94	Highly competent dark grey fresh basalt containing few pyrite.
13.	94	98	Highly competent greyish brown fresh basalt containing few pyrite.
14.	98	99	Dark grey fresh amygdaloidal basalt with calcite.
15.	99	106	Highly competent dark grey fresh basalt.

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16.	106	107	Dark grey fresh basalt with cream white calcite.
17.	107	109	Highly competent dark grey basalt.
18.	109	111	Dark grey fresh feldspar rich basalt.
19.	111	114	Highly competent dark grey fresh basalt.
20.	114	115	Pink orange fine grained weathered Sandstone layer.
21.	115	122	Highly competent dark grey basalt.
22.	122	125	Grey brown medium fresh basalt.
23.	125	127	Red brown medium weathered basalt.
24.	127	128	Pink orange medium weathered Sandstone.
25.	128	138	Light brown fresh fine grained unconsolidated Sandstone.
26.	138	150	Pink orange fresh fine grained Sandstone.

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

