

## Borehole Information

**Borehole Number:**

**105/17/X919/H01**

**Prospecting Company:** De Beers Holdings Botswana

**Prospecting License No.:** PL107/96

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -21.36651 , 25.203809

**Location:** Orapa

**Start Drill:** 2005-03-16

**End Drill:** 2005-03-17

**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:** 978 Metres

**Borehole Water Strike:** 59 Metres

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

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	1	Dark brown top Topsoil mixed few Silcrete.
2.	1	4	Pale yellow creamish Silcrete calcretised.
3.	4	5	Pale yellow moderate competent weathered basalt.
4.	5	8	Dark brown yellowish calcite rich basalt.
5.	8	14	Pale yellow calcite abundant weathered basalt moderate competent.
6.	14	19	Yellowish brown moderate competent weathered basalt.
7.	19	23	Greyish yellow weathered basalt comprising few amygdals plus calcite.
8.	23	29	Dark brownish grey fresh competent basalt.
9.	29	30	Dark grey competent basalt.
10.	30	32	Dark yellowish olive weathered basalt.
11.	32	37	Yellowish brown weathered basalt calcite contain.
12.	37	41	Ligth yellowish orange weathered basalt.
13.	41	46	Dark grey blueish fresh competent kimberlite? (homogeneous).
14.	46	47	Yellowish grey weathered kimberlite.
15.	47	51	Dark grey blueish fresh competent kimberlite.

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16.	51	52	Yellow greyish weathered kimberlite.
17.	52	58	Dark grey blueish fresh competent homogenous kimberlite.
18.	58	61	Light grey pyroclastic kimberlite more less competent, karoo sediment observed.
19.	61	65	Medium brownish pink weathered fine grained Sandstone.
20.	65	75	Light yellowish grey fine grained weathered Sandstone.
21.	75	78	Light yellowish grey to olive weathered Sandstone.
22.	78	81	Light red brownish moderate competent mudstone.
23.	81	83	Light greenish brown weathered mudstone.

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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.

