

## Borehole Information

**Borehole Number:**

**105/17/X903/H01**

**Prospecting Company:** De Beers Holdings Botswana

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

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -21.467106 , 25.477623

**Location:** Orapa

**Start Drill:** 2005-02-01

**End Drill:** 2005-02-01

**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:** 1006 Metres

**Borehole Water Strike:** 81 Metres

**End of Hole (Depth):** 125 Metres

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	1	Dark brown fine grained Sand.
2.	1	2	Dark yellow to creamish Sand mixed of Silcrete.
3.	2	9	Light brown creamish, highly competent Silcrete + 10% calcrete.
4.	9	10	Red brown weathered basalt plus vein quartz.
5.	10	11	Dark grey weathered basalt comprising vein quartz.
6.	11	13	Mediu grey basalt mixed of abundant vein quartz.
7.	13	16	Dark red brown to greenish amygdaloidales basalt, moderate competent.
8.	16	19	Dark grey fresh basalt containing abundant vein quartz (highly competent).
9.	19	23	Light brown medium competent weathered basalt comprising few quartz.
10.	23	26	Red brown to grey fresh competent basalt.
11.	26	30	dark red brown amygdaloidale basalt with quartz rich.
12.	30	33	Red brown to greyish oxidised basalt comprising abundant green minerals.
13.	33	34	Dark brown quartz rich oxidised basalt.
14.	34	36	Red brown oxidised basalt containing green minerals.
15.	36	37	Oxidised basalt comprising green minerals.

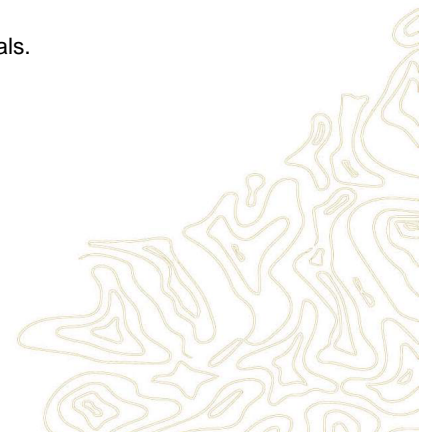
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**Page Number:** 1 | **Date/Time Stamp:** Sun, 22 Dec 24 10:05:52 +0200





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16.	37	40	Dark brown greenish fresh basalt.
17.	40	42	Dark grey fresh basalt with abundant greenish minerals.
18.	42	49	Dark grey greenish fresh basalt containing few green minerals.
19.	49	50	Red brown to grey amygdaloidal basalt comprising quartz.
20.	50	53	dark grey fresh basalt consist of vein quartz, amygdal and green minerals.
21.	53	56	Dark grey fresh basalt containing green minerals.
22.	56	59	Dark grey to brown amygdaloidal fine grained fresh basalt.
23.	59	66	dark grey greenish fine grained fresh basalt, green minerals observed.
24.	66	67	Dark grey greenish fresh amygdaloidal basalt.
25.	67	68	dark red brown fresh amygdaloidal basalt.
26.	68	71	Dark brown competent fresh basalt.
27.	71	80	Dark grey greenish fresh basalt (highly competent).
28.	80	81	Dark brown blackish fresh basalt.
29.	81	84	Red brown amygdaloidal oxidised basalt.
30.	84	86	Red brown oxidised basalt containing green minerals and few amygdals.
31.	86	89	Dark grey fresh basalt comprising blackish and greenish minerals with quartz.
32.	89	91	Red brown oxidised amygdaloidal basalt.
33.	91	95	dark grey to greenish fresh competent basalt.
34.	95	97	dark greenish fresh competent basalt.
35.	97	99	Red brown blackish fresh competent basalt.
36.	99	100	Dark green blackish fresh competent basalt.
37.	100	101	Red brown oxidised basalt medium competent.
38.	101	102	Red brown oxidised basalt comprising quartz.
39.	102	104	Light red medium grained Sandstone.
40.	104	110	Light brown fine grained weathered Sandstone.
41.	110	125	Light orange fine grained weathered basalt.

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

