

## Borehole Information

**Borehole Number:**

**105/13/X043/H1**

**Prospecting Company:** De Beers Holdings Botswana

**Prospecting License No.:** PL111/93

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** N/A

**Location:** Dukwi

**Start Drill:** N/A

**End Drill:** N/A

**Borehole Type:** Exploration

**Drilling Method:** Core

**Sample Type:** Core

**Depth of Surface Casing:** N/A

**Azimuth:** Degrees

**Hole Inclination:** N/A

**Collar Elevation:** N/A

**Borehole Water Strike:** N/A

**End of Hole (Depth):** N/A

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	9	grey-green pebbly calcrete, well rounded quartz granules
2.	9	15	well rounded pebbles of won stained quartz, pebbly calcrete
3.	15	30	predominantly quartz pebbles, calcreted Conglomerate
4.	30	35	mainly white, gritty, Sandy calcrete
5.	35	40	white nodular calcrete, biotubes, quartz granules
6.	40	45	kalahari Sandy calcrete, silicified pink arenite
7.	45	50	cream purple, silicified quartz arenite
8.	50	55	moderately sorted pink quartz arenite
9.	55	60	pink quartz arenite, sideritic Silcrete, light grey karoo siltstone
10.	60	65	light to dark grey siltstone
11.	65	70	predominantly dark grey siltstone, not carbonaceous
12.	70	90	carbonaceous Shale, vitrite, won pyrites
13.	90	95	as above with light grey micaceous arkose
14.	95	105	well rounded quartz granules, carbonaceous Shale, arkose
15.	105	110	dark grey micaceous arkose/silt laminated, iron pyrites

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16.	110	115	laminated micaceous silt,cream arkose, iron pyrites
17.	115	120	carbonaceous Shale,vitrite Coal
18.	120	125	light brown micaceous arkose
19.	125	130	light grey micaceous arkose,quartz granules
20.	130	135	predominantly well rounded quartz granules
21.	135	140	dark grey micaceous siltstone,light grey mica arkose
22.	140	145	micaceous arkose,quartz granules
23.	145	150	grey siltstone wthrd intrusive
24.	150	155	light grey brown stained siltstone,fresh black intrusive
25.	155	160	fresh melanocratic,microcrystalline intrusive(dolerite)
26.	160	165	microcrystalline dolerite
27.	165	170	microcrystalline dolerite,light grey siltstone
28.	170	180	microcrystlline dolerite
29.	180	185	microcrystalline dolerite,large epidote crystals
30.	185	189	microcrystalline dolerite

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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.**

