

Borehole Information

Borehole Number:

105/17/X925/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL107/96

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.025262 , 24.537264

Location: Orapa

Start Drill: N/A

End Drill: N/A

Borehole Type: Exploration

Drilling Method: Core

Sample Type: Core

Depth of Surface Casing: N/A

Azimuth: 0 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	5	Light brown fine to medium grained unconsolidated Sand with a lot of clay material.
2.	5	8	Light brown weathered calcrete mixed with pale green calcrete and medium grained Sandstone.
3.	8	16	Pale/Light green fine to medium grained silcretised Sandstone with some calcite veins and Silcrete nodules. It has a lot of clay and some shells were observed more especially between 11-12m depth.
4.	16	20	Light green to grey fine-medium grained silcretised Sandstone with chalcidony and few clay content.
5.	20	29	Blackish grey fine-medium grained silcretised Sandstone with some pale green calcretised Sandstone.
6.	29	44	Pale green to pale brown fine-medium grained friable Sandstone with some blackish grey silcretised Sandstone. Some green clay (mud) were were also observed. Most of these blackish grey silcretised Sandstone were in an elongated form.
7.	44	49	Grey to light brown silcretised siltstone with some light green silcretised Sandstone with some pyrite grains.
8.	49	71	Light green medium grained silcretised Sandstone in the form of stelgtites and stelegmites with some grey-pale green Sandstone and grey-green siltstone.
9.	71	74	Brown-light grey siltstone mixed with light brown Sandstone with some cavities.
10.	74	90	Black Coal with some dark brown sanstone and some siltstone. Some pyrite (sulphides) were observed in the concentrate.
11.	90	94	Black to grey siltstone mixed with about 30% reddish brown siltstone and some few Coal chips.

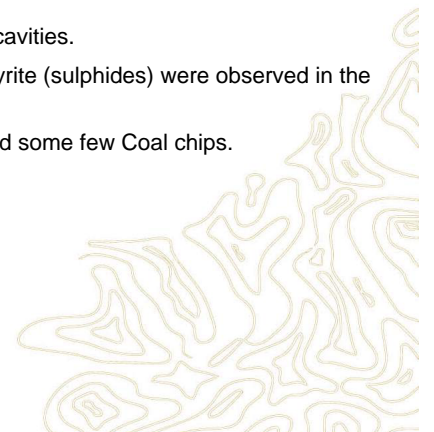
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12.	94	97	Grey to blackish-brown medium grained silcretised Sandstone with some few chips of grey and pale green siltstone.
13.	97	99	Light brown to brown silcretised Sandstone with some of the collapsed material.
14.	99	105	Cream white to light brown medium grained friable and weathered Sandstone.

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

