

Borehole Information

Borehole Number:

105/13/X042/H1

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL111/93

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -20.468919 , 26.380786

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	15	cream brown Sandy Silcrete
2.	15	19	fine pink quartz arenite-arkose
3.	19	25	grey-pink arkose
4.	25	30	coarse poorly sorted,pink arkose
5.	30	35	light grey arkose,cream light brown mudstone
6.	35	45	light brown mudstone
7.	45	50	dark grey-black carbonaceous mudstone
8.	50	55	dark grey mudstone,black carbonaceous Shale,vitrinite
9.	55	60	dark grey mudstone,black Shale-Coal
10.	60	65	predominantly black Shale-Coal
11.	65	70	dark grey mudstone,vitrinite-Coal
12.	70	80	dark grey Shale-Coal
13.	80	90	vitreous Coal,dark grey Shale
14.	90	95	dark grey-black Shale,vitreous Coal
15.	95	100	black Shale,vitreous Coal,won pyrites

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16.	100	105	dark grey Shale,Coal,mid brown Shales
17.	105	110	carbonaceous Shale,light brown siltstone
18.	110	115	predominantly carbonaceous Shale/Coal Fes
19.	115	120	carbonaceous Shale,light brown siltstone
20.	120	130	Coal light grey,medium grained micaceous arkose
21.	130	135	cream-pink arkose,buff-pink mudstone,grey Shale
22.	135	140	dark grey Shale/Coal,micaceous arkose,quartz granules
23.	140	145	vein quartz gravel lag,some cream arkose
24.	145	150	dark grey carbonaceous Shale
25.	150	160	vein quartz gravel lag-sub-well rounded granules
26.	160	165	dark grey Shale,subrounded quartz granules
27.	165	180	Coal carbonaceous Shale,grey-brown micaceous arkose
28.	180	190	subrounded quartz granules,grey micaceous arkose
29.	190	195	grey siltstone,grey brown arkose,quartz granules
30.	195	200	dark grey siltstone, quartz granules,micaceous arkose
31.	200	210	predominantly light grey siltstone,few quartz granules
32.	210	215	light grey siltstone/grey wacke>15% matrix quartz,feldspar,lithic clasts
33.	215	220	pink granite gneiss basement
34.	220	225	grey siltstone,pink gneiss
35.	225	230	granitic gneiss
36.	230	234	vitreous Coal(contamination or mislabelled)
37.	234	236	granitic gneiss

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

