

Borehole Information

Borehole Number:

105/21/X001

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL78/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -22.53187 , 21.72927

Location: Ghanzi

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	30	No chips recovery for the first 30m of this hole. - Predominantly loose Sands with minor calcretised Sands.
2.	30	60	No chips recovered for this interval. 30-70m- loose Kalahari Sands and minor calcrete (casing put down to 71m).
3.	60	68	No chip recovery-loose Kalahari Sands and minor calcrete.
4.	68	72	Pale pink-very fine to very fine grained Sandstone with some occasional fragments of milky quartz (with siltstone).
5.	72	74	As above but red-pink in colour and occasionally mottled with cream spotting.
6.	74	75	Becoming yellow.
7.	75	82	Becoming pale yellow to light grey very fine Sandstone to siltstone.
8.	82	86	Very finely laminated occasionally silty grey mudstone.
9.	86	90	Medium to dark red fine grained Sandstone- though occasionally medium-coarse and gritty Sandstone.
10.	90	92	Grey-pink very fine to coarse (occ Conglomerate) Sandstone.
11.	92	93	Pink-yellow predominantly fine grained Sandstone.
12.	93	94	Pink-grey silty mudstone.
13.	94	96	As above with visible very fine laminations.
14.	96	98	Becoming a dirty brown laminated mudstone.

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15.	98	101	Light to medium grey mudstone.
16.	101	103	(As seen at 89m)- med-dark red Sandstone (fine to gritty).
17.	103	104	Back to a grey laminated mudstone.
18.	104	105	Pink-red laminated mudstone- occasionally silty layers seen (less than 0-1mm thick). Occasionally yellow.
19.	105	107	wthrd mudstone with what appears to be a very wthrd and altered (?) dolerite.
20.	107	120	A fairly uniform rock (as above)- probably dolerite-though it appears altered-looks green-grey with occasional red patches. A poorly developed Schistose fabric can be seen throughout.
21.	120	200	As above. Fairly uniform green-grey, occasionally red medium to coarse altered (?) dolerite.

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

