

Borehole Information

Borehole Number:

105/21/K004/H1

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL78/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -22.637167 , 21.4905

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	4	Kalahari group - unconsolidated Sands.
2.	4	12	Kalahari group - Sandy calcretes.
3.	12	13	Kalahari group - playa Silcrete.
4.	13	35	Kalahari group - bioturbated lacustrine Sands with +2 -10 mm quartz granules and occasional playa Silcretes.
5.	35	40	Kalahari group - poorly sorted Sandstone, mass flow breccia and Silcretes.
6.	40	52	Crater zone kimberlite - Silcretes, kimberlite fragments.
7.	52	60	Crater zone kimberlite - wthrd kimberlite calcreted epiclastic kimberlite and Silcretes.
8.	60	91	Diatreme zone kimberlite - pervasively carbonatized primary kimberlite rich in purple Shale and bslt inclusions.
9.	91	141	Diatreme zone kimberlite - blue clay rich kimberlite with many bslt and Shale xenoliths.
10.	141	161	Diatreme zone kimberlite - dramatic change in appearance of kimberlite, altered light brown (siderite) material . Also calcite veining , brown/red Shale xenoliths.
11.	161	166	Diatreme zone kimberlite - grey carbonatized kimberlite.
12.	166	203	Diatreme zone kimberlite - brown (siderite rich) , calcite veined kimberlite. Much bslt and purple brown Shale xenoliths.

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

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Sanitation for assistance.

