

## Borehole Information

**Borehole Number:**

**105/21/X044/H6**

**Prospecting Company:** De Beers Holdings Botswana

**Prospecting License No.:** PL78/88

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -22.633408 , 21.417978

**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	41	Kalahari Sand.
2.	41	46	Cream white poorly sorted immature Kalahari Group Sandstone, almost all calcretised.
3.	46	49	Light pink silcretised poorly sorted matrix supported Sandstone.
4.	49	54	White angular chips of silcretised poorly sorted texturally immature Kalahari Group Sandstone.
5.	54	63	White sharp angular chips of silcretised poorly sorted texturally immature Sandstone. Some pink varieties also noted: calcretisation reduces.
6.	63	69	Cream white calcretised poorly sorted Sandstone notably with large quartz grains.
7.	69	80	Poor recovery. Cream white calcretised Sandstone.
8.	80	93	Poor recovery. calcretised Sandstone.
9.	93	97	Calcretised sandstone, poorly sorted and immature.
10.	97	104	Varieties of light pinkish and grey micaceous medium sorted epiclastic Sandstone.
11.	104	109	Red ferruginous mica rich Sandstone . Ferruginous mudstone also observed both ilmenites and garnets, heavy mineral counts very high (+50).
12.	109	115	Dark grey and yellowish highly weathered kimberlite occurring with grey micaceous epiclastic Sandstone few xenoliths of basalt and Karoo Sandstone observed.
13.	115	123	Highly weathered cream white or light yellow kimberlite: Light purple to pink micaceous epiclastic Sandstone.

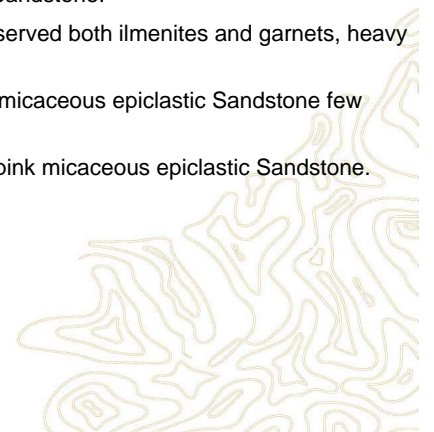
**Physical Address:** Plot 11566, Khama 1 Avenue, Lobatse, Botswana

**Postal Address:** Private Bag 0014, Lobatse, Botswana

**Telephone:** +267 533 0327 / +267 533 0428 **Fax:** +267 533 4295

**Email:** info@bgi.org.bw **Website:** www.bgi.org.bw

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14.	123	126	Dark borwn micaceous mature Karoo type Sandstone dark brown mudstone horizon.
15.	126	127	Siltstone dark brown colour.
16.	127	131	Dark brown mature Sandstone micaceous and well sorted.
17.	131	134	Siltstone dark brown; poor recovery.
18.	134	139	Dark pink supermature Sandstone, Karoo Sandstone.
19.	139	140	Yellow mudstone.
20.	140	146	Dark brown siltstone and/or mudstone.

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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.**

