

Borehole Information

Borehole Number:

105/12/X008/H1

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL51/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -20.68951 , 24.124343

Location: Matlapana

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	3	Upper kalahari - mixed aeolian and lacustrine Sands.
2.	3	32	Lake sediments - tuffaceous and nodular calcrete with pedotubes intercalated in part with hardpan calcrete, playa Silcrete and Silcrete gravels.
3.	32	38	Lake sediments - predominantly hardpan calcrete.
4.	38	44	Lake sediments - predominantly Silcrete (playa).
5.	44	46	Lake sediments - massive grey Silcrete breccia.
6.	46	61	Lake sediments - Silcreted alluvium, with playa Silcrete and minor amounts of diatomite.
7.	61	65	Lake sediments - green pan clay, with hardpan and and Silcreted Sands.
8.	65	75	Lake sediments - Silcrete, with pan clay and dolomite concretions, chalcedony concretions, nodular calcrete and pedotubes.
9.	75	105	Lake sediments - poor sample recovery - pressure pan clay.
10.	105	151	Lake sediments - quartz with concreted Sands (hosting pedotubes). Horizons of tuffaceous calcrete in parts. Intercalated with hardpan calcrete and playa Silcrete at depth.
11.	151	153	Karoo bslt - wthrd profile.
12.	153	167	Karoo bslt - fresh bslt.

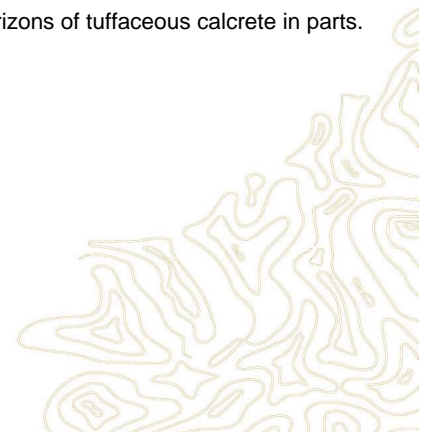
Physical Address: Plot 11566, Khama 1 Avenue, Lobatse, Botswana

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

Page Number: 1 | **Date/Time Stamp:** Sat, 21 Dec 24 14:28:09 +0200



Borehole Information

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

