

Borehole Information

Borehole Number:

105/25/K003/1A/NDC

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL31/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -22.705195 , 27.882771

Location: Lerala

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	1	Topsoil
2.	0	6	Calcretes + Silcretes.
3.	1	2	Mixture of basement fragments & Silcretes & calcretes.
4.	2	13	Pink felsic basement intercalated with fine grained grey crystalline siliceous material.
5.	6	10	Basement
6.	10	50	Pink felsic basement.
7.	13	39	Small piece of identifiable kimberlite - blue featureless, no texture or metamorphic texture present.
8.	39	45	Pink felsic basement intercalated with fine grained grey crystalline siliceous material.
9.	45	55	Rapid change to soft blue kimberlite chews to blue clay. No texture or metamorphic texture present. Felsic basement fragments rare.
10.	50	56	Pink felsic basement, 1 piece of kimberlite at 40m.
11.	55	65	Hypabyssal kimberlite.
12.	56	70	Basement
13.	65	98	Kimberlite progressively becomes darker with introduction of black Amphibolitebolite fragments.
14.	70	90	Kimberlite

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| 15. | 90 | 106 | Kimberlite with Amphibolitebolite fragments. |
| 16. | 98 | 107 | Kimberlite dark, associated with Amphibolitebolite fragments. |
| 17. | 106 | 110 | Wallrock basement. |
| 18. | 107 | 110 | Wallrock - basement consisting of felsic basement. |
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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.

