

## 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.

