

## Borehole Information

**Borehole Number:**

**105/25/K003/1A/H1**

**Prospecting Company:** De Beers Holdings Botswana

**Prospecting License No.:** PL31/88

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -22.70406 , 27.883479

**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	2	Brown Topsoil.
2.	2	5	Nodular calc/Silcrete + fragments of basement Schist and k- feldspar.
3.	5	8	Mixed k - feldspar, basement Schist - little clay fraction.
4.	8	17	Light brown weathered kimberlite has a very gritty appearance (somewhat like immature sds) clay fraction olive green colour. Inclusions 60-40% k-feldspar, Schist, quartz, Amphibolitebolite.
5.	17	18	Dark grey green slightly foliated chlorite Schist.
6.	20	20	Predominant olive green Clays with 30% k-feldspar and Schist.
7.	21	22	Moderately fresh dark grey chlorite Schist.
8.	22	23	Predominantly green Clays + light brown wealth kimberlite.
9.	23	25	Chlorite Schist.
10.	25	26	30% weathered light brown kimberlite and 70% Amphibolitebolite.
11.	26	27	60% brown weathered kimberlite + 20% chl Schist + 20% k-feldspar.
12.	27	31	10% brown weathered kimberlite, 90% chl Schist, 10% Amphibolitebolite.
13.	31	34	70% brown/grey moderately weathered fine grained phlogopite bearing kimberlite.
14.	34	73	Various fine and medium grained k-feldspar veined Amphibolitebolites - poor clay fraction.

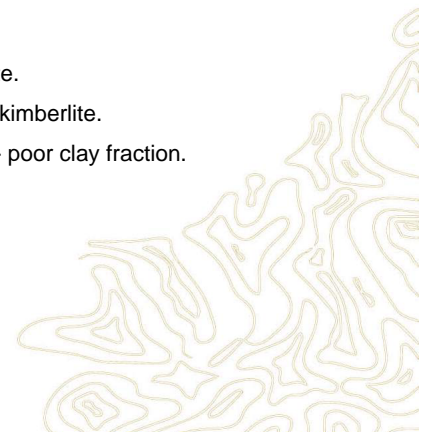
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15.	73	103	Rare weathered chips of kimberlite or observed, but probably contamination from above, also part of the Amphiboliteibolite package are micaceous Amphiboliteibolites and chloritised Amphiboliteibolitic felsite.
16.	103	105	Amphiboliteibolite
17.	105	106	50% dark grey fine grained phlogopite bearing kimberlite - 50% Amphiboliteibolite.
18.	106	107	80% kimberlite.
19.	107	110	50% kimberlite, 50% Amphiboliteibolite.

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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.**

