

## Borehole Information

**Borehole Number:**

**105/25/K003/1A/H7**

**Prospecting Company:** De Beers Holdings Botswana

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

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -22.704827 , 27.883137

**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	Brown Topsoil.
2.	2	4	Weakly calcretised kimberlite, Amphibolitebolite.
3.	4	5	Olive green weathered kimberlite.
4.	5	7	40% inclusions (k-fspar)
5.	7	12	Greenish kimberlite (chloritisation) and pink (kfs) fibre gneiss - xenolith.
6.	12	19	40% incl (kfs, Amphibolitei).
7.	19	23	Olive green, weathered, black mottled, non - macrocrystic, phlogopite bearing hypabyssal kimberlite. 30% incl (kfs Amphiboliteib).
8.	23	24	95% incl (fibre gneiss).
9.	24	26	100% incl (fibre gneiss in k coatings).
10.	26	27	Moderately weathered green/brown inclusion rich kimberlite.
11.	27	29	20% incl (kfs Amphiboliteib).
12.	29	32	10% incl (kfs Amphiboliteib).
13.	32	33	Fresh dark grey - green features, phlogopite bearing hypabyssal kimberlite.
14.	33	36	50% incl (kfs, Amphibolite, green cryptocrystalline silica).

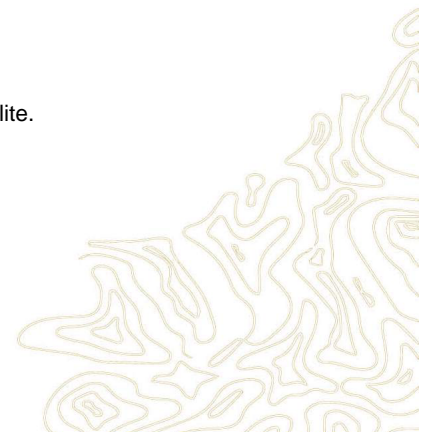
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15.	36	39	90% incl (kfs, Amphiboliteib).
16.	39	41	Pink & green felsic gneiss - xenolith.
17.	41	43	40% incl (kfs, gneiss).
18.	43	44	10% incl (kfs ).
19.	44	46	60% incl (kfs, green fsp, Amphibolite).
20.	46	49	40% icl (kfs, Amphibolite).
21.	49	53	Significant drop in % inclusions otherwise k remain same.
22.	53	55	5% incl (kfs).
23.	55	59	0% incl
24.	59	64	50% incl (kfs, Amphibolite, green cryptocrystalline silica).
25.	64	69	0% incl
26.	69	70	Dark grey, phlogopite beaing, evenly textured, inclusion poor hypabyssal kimberlite.
27.	70	79	
28.	79	89	20% incl (grey coated (k) quartz).
29.	89	94	2% incl.
30.	94	96	Dark grey, features, hypabyssal kimberlite as described above.
31.	96	99	5% incl (kfs, Amphibolite).
32.	99	104	1% incl (kfs, Amphibolite).
33.	104	111	20% incl (kfs, Amphibolite).

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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.**

