

## Borehole Information

**Borehole Number:**

**105/25/K004/1D/H2**

**Prospecting Company:** De Beers Holdings Botswana

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

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -22.702593 , 27.897864

**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):** 101 Metres

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	1	Brown Topsoil.
2.	1	5	Green macrocrystic kimberlite + kfs gneiss 2 degrees Fe stain qtz rubble.
3.	5	21	Olive green fresh (serpentinized) macrocrystic hypabyssal kimberlite inclusions 5-15% kfspar gneiss.
4.	21	31	Biotite bearing quartz - feldspathic gneiss.
5.	31	35	Dark grey macrocrystic kimberlite. Inclusions variable 95-40% pink kfs gneiss. Inclusions often small & angular possible hypabyssal breccia.
6.	35	38	Amphibolitebolite.
7.	38	44	Dark grey macrocrystic hypabyssal brecciated kimberlite, 50% inclusions kfs gneiss.
8.	44	49	Green phlogopite rich macrocrystic hypabyssal kimberlite, 5% inclusions.
9.	49	52	Coarse grain Amphibolitebolite.
10.	52	91	Olive green weakly macrocrystic hypabyssal kimberlite. Inclusions variable 60% small inclusions (often of order of 1mm). Appears brecciated at times.
11.	91	101	Brown grey evenly textured weakly macrocrystic, phlogopite bearing hypabyssal kimberlite 0-2% inclusions.

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

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**Page Number:** 1 | **Date/Time Stamp:** Sat, 21 Dec 24 14:43:46 +0200

