

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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