

Borehole Information

Borehole Number:

105/25/K003/1A/H2

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL31/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -22.704432 , 27.883483

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.	1	3	Nodular silc/calcrete.
3.	3	9	Predominantly yellow green Clays (3-9m) olive brown - green weathered brecciated macro - crystic kimberlite + 40% inclusions k - feldspar, Amphibolite, qtz.
4.	9	28	9-26 predominantly green kimberlitic Clays, weathered, brecciated, brown kimberlite. Chips tend to be v.angular where chips break around surface of inclusions. This weathered brown kimberlite often has the appearance of a soft immature Sandstone. Sometime
5.	28	54	Moderately fresh to fresh kimberlite.
6.	54	56	Dark olive green - grey generally features, phlogopite bearing kimberlite. Other than occasional
7.	56	62	Pale green chloritic feldspar - xenolith.
8.	62	67	Olive green, phlogopite bearing, features kimberlite.
9.	67	71	Green mottled, chloritic, Amphiboliteibole bearing feldspar + qtz (feldsite).
10.	71	85	Drab olive green, phlogopite bearing, featureless hypabyssal kimberlite. Phlogopite content appears to be increasing downwards, inclusions 10% kfs, qtz.
11.	85	87	85m propable xenolith, green mottled chloritised Amphiboliteibole bearing felsite.
12.	87	90	87m 80% of sample is green mottled felsite - xenolith.

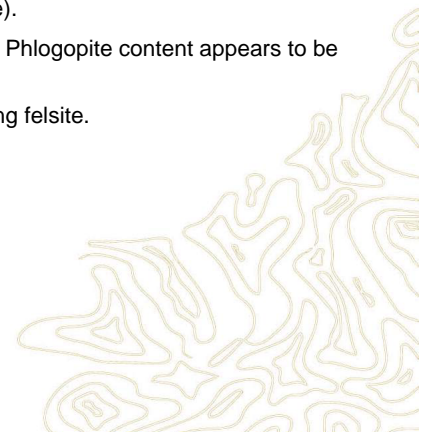
Physical Address: Plot 11566, Khama 1 Avenue, Lobatse, Botswana

Postal Address: Private Bag 0014, Lobatse, Botswana

Telephone: +267 533 0327 / +267 533 0428 **Fax:** +267 533 4295

Email: info@bgi.org.bw **Website:** www.bgi.org.bw

Page Number: 1 | **Date/Time Stamp:** Wed, 22 Jan 25 17:48:03 +0200





Borehole Information

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

