

Borehole Information

Borehole Number:

105/25/K003/1A/NDU

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL31/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -22.704847 , 27.882753

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.	0	1	Topsoil
3.	1	8	Calcretised QF gneiss.
4.	2	8	Weakly calcretised quartzo - feldspathic gneiss in a fine Sandy yellowish calcretised matrix large angular gneiss fragments (>2cm) in internal 1-4m.
5.	8	9	
6.	8	11	Highly inclusion rich weathered kimberlite.
7.	9	11	Predominantly pale green amorphous banded silica and qtz + 2% pink kfs.
8.	11	13	11-12m kimberlite.
9.	11	44	Inclusion rich diameter facies kimberlite.
10.	13	29	
11.	29	30	30m - 30-40% kimberlite.
12.	30	33	Moderately fresh k below 30m.
13.	33	40	1-5% moderately fresh grey featureless kimberlite in 99-95% inclusions kfs, qtz.
14.	40	44	41m - apperance in inclusions of green amorphous banded silica.

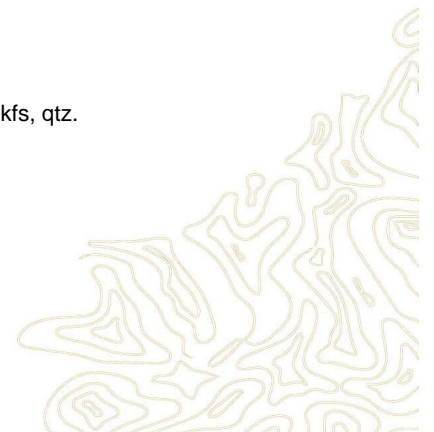
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15.	44	45	Increase in % kimberlite from 44m.
16.	44	111	Hypabyssal kimberlite.
17.	45	49	45m 30% k.
18.	49	52	80% k, generally featureless coarsely textured grey/dark grey, phlogopite bearing, hypabyssal kimberlite (olivine not seen).
19.	52	56	1% k, inclusions variable
20.	56	59	80% k.
21.	59	62	
22.	62	65	10% k.
23.	65	69	95% k.
24.	69	74	30% k.
25.	74	98	Grey, featureless hypabyssal kimberlite. Variable inclusions 90% - 5% inclusions.
26.	98	99	95% k.
27.	99	110	Grey featureless hypabyssal kimberlite.
28.	110	111	95% k.

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

