

## Borehole Information

**Borehole Number:**

**105/25/K003/1A/NDP**

**Prospecting Company:** De Beers Holdings Botswana

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

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -22.704783 , 27.883131

**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	1-8m calcretised Sand & basement fragments.
3.	3	4	4-5m entirely tabular, angular plagioclase chips brown/green colour in calcretised matrix.
4.	4	5	5-8m plag fspar + 40% quartz.
5.	5	8	Pink k-fspar and quartz + chloritised (greenish) biotite, bearing plag.
6.	8	10	Felsic gneiss.
7.	10	12	12-21m compicuous by increase in grey Clays adhering to chips.
8.	12	13	Weathered dark brown/green macrocrystic brecciated kimberlite with varying proportions of inclusions of kfsp, qtz and Amphibolitebolite.
9.	13	17	13-17m 90% inclusions 17m-50% incl. 18m-10%.
10.	17	18	19m-20% inclusions.
11.	18	19	Kimberlite breccia.
12.	19	20	21-20% inclusions.
13.	20	21	Sudden change in nature of inclusions - much larger chips on 5% kimberlite.
14.	21	22	95% inclusions - granish plag, red kfs.

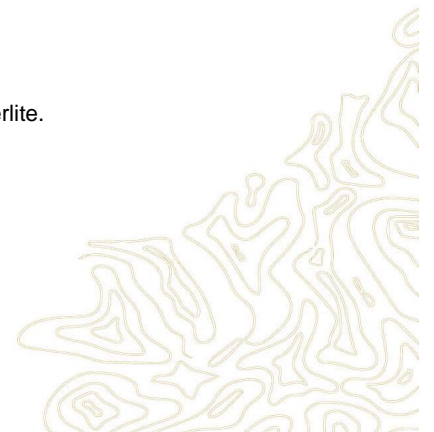
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15.	22	24	Kimberlite breccia.
16.	24	26	26m-50% inclusions.
17.	26	28	Predom red kfspar + minor kimberlite chips, but suspected contamination. Wall rock contact prods?

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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.**

