

Borehole Information

Borehole Number:

105/25/K003/1A/H12

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL31/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -22.704074 , 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	Topsoil
2.	11	13	Some green clay + phlogopites - kimbelite breccia?
3.	13	20	Polymict breccia - felsic gneiss, quartzite, Schist.
4.	20	26	Decomposed light grey clay abundant - non - kimberlitic.
5.	26	31	The remainder of the hole (except 94-95m) consists of entirely fariable, quartz, biotite Schist are pink feldspar gneiss in varying proportions. The Schist is generally most abundant.
6.	31	39	(pfg - pink feldspar gneiss qz - biot = quartz biotite Schist.)
7.	39	47	90% qz - biot - Schist, 10% pf gneiss.
8.	47	49	Small percentage laminated clay - decomposed Schist.
9.	49	59	100% pfg
10.	59	62	60% Schist + 40% pfg.
11.	62	69	80% pfg, 20% Schist.
12.	69	79	>90% qz biot - sch.
13.	79	81	Schist is sulphide bearing.
14.	81	93	100% Schist.

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| 15. | 93 | 99 | 90% Schist but approximately 10% of featureless, light brown, non - foliated, phlog bearing kimberlite. Definitely not Schistose sample submitted for petrography under consignment no mak/92/043. |
| 16. | 99 | 110 | From 95m - EOH at 110m is dominantly qz - fsp biot - Schist with the occasional pfg inclusions. |
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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.

