

Borehole Information

Borehole Number:

105/25/K003/1A/NDA

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL31/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -22.703289 , 27.883509

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.	1	2	Mixture of Topsoil + Silcrete. Fragments of black Amphibolitebolite visible, occasional pink felsic basement fragments common.
3.	2	10	Mixture of recognizable kimberlite & black Amphibolitebolite & felsic basement.
4.	10	25	Clay contant high.
5.	25	33	Basement Amphibolitebolite with well defined metamorphic linear fabric Amphibolitebolite fresh, unweathered.
6.	33	35	Basement Amphibolitebolite with well defined metamorphic texture.
7.	35	39	Amphibolitebolite fresh, unweathered.
8.	39	42	Green igneous rock - sugary texture grains interlock - possible diorite.
9.	42	50	Soft blue fine grained rock showing no texture. Chews to blue clay - micas visible - hyperbyssal kimberlite.
10.	50	63	Minor portion of chips consists of blue kimberlite, major portion consists of Amphibolitebolite & felsic basement fragments. Blue chips with dark micas present, but rare - TKB.
11.	63	77	Majority of chips basement & Amphibolitebolite fragments. Rare kimberlite chips present - TKB.
12.	77	83	Hypabyssal phase - consists of fine grained blue rock with occasional brown micas. No basement fragments.
13.	83	89	Majority of chips basement & fragments. Rare kimberlite fragments, occasional dark micas (phlogopites) visible - TKB.

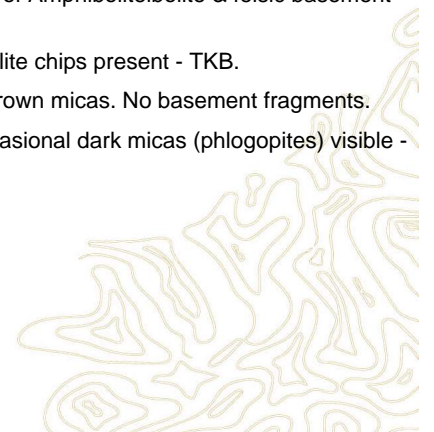
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| 14. | 89 | 98 | Small fissure - chips damp with blue Clays. |
| 15. | 98 | 110 | Majority of chips basement & Amphibolitebolite fragments, & occasional dark micas (phlogopites) visible - TKB. |
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NB: For any enquiries, application, acquisition or verifications related to Water Boreholes, kindly contact the Department of Water and Sanitation for assistance.

