

Borehole Information

Borehole Number:

105/17/X911/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL107/96

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.062453 , 24.814912

Location: Sesunda

Start Drill: N/A

End Drill: N/A

Borehole Type: Exploration

Drilling Method: Core

Sample Type: Core

Depth of Surface Casing: N/A

Azimuth: 0 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 | 4 | Dark cream, very fine-grained, cohesive clay-rich Sand, with preserved fossil remains (skeletal bones).No indicator minerals up to the EOH. |
| 2. | 4 | 10 | Dark greenish, calcretised Silcretes (very hard), mixed with calcretised coarse to medium rounded quartz grains in a fine-grained matrix (Sandstone). |
| 3. | 10 | 18 | Light greenish coarse to fine-grained Sandstone, mixed with calcretised Silcretes gravel size fragments (tabular shaped), falling from above. |
| 4. | 18 | 25 | Dark greenish, fine-grained Sandstone, weathered highly precipitated by the salt. Gravel size fragments and weathered calcrete are characteristic features. |
| 5. | 25 | 32 | Light greenish grey, weathered, medium to fine-grained Sandstone, mixed with calcretised Silcrete and gravel size fragments that fall from above. |
| 6. | 32 | 38 | Light greyish green, weathered Sandstone (salt precipitate), contaminated by weathered calcrete and Silcrete fragments from above. |
| 7. | 38 | 41 | Light green, moderately weathered Sandstone, coarse to medium grained (sugary texture), heavily contaminated by the overlying sediments. |
| 8. | 41 | 47 | Light greenish, fine-grained muddy siltstone mixed with light brown to orange siltstone. Also highly contaminated by the overlying sediments. |
| 9. | 47 | 60 | Greyish green to orangish muddy siltstone mixed with light greyish green siltstone. Calcretised Sandstone and Silcrete fragments washed down by high pressure water are characteristic features. Sand from water strike zones also abundant. Pyrite like minerals |

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Borehole Information

10. 60 69 Light greyish silty mudstone, mixed with or contaminated by brownish orange siltstone from above. Sandstone gravel size fragments are abundant. Pyrite like mineral observed in concentrate.
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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.

