

## Borehole Information

**Borehole Number:**

**105/17/X913/H01**

**Prospecting Company:** De Beers Holdings Botswana

**Prospecting License No.:** PL107/96

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -21.159652 , 24.924019

**Location:** Mopipi

**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        | 7      | Cream white to light brown, weathered calcrete.   |
| 2.  | 7        | 14     | Dark greenish (the colour fading with depth), massive crystalline, fresh and competent Silcrete.  |
| 3.  | 14       | 23     | Pale greenish, weathered siltstone.   |
| 4.  | 23       | 25     | Greenish brown, silty Mudstone.   |
| 5.  | 25       | 29     | Greenish brown, muddy Siltstone.  |
| 6.  | 29       | 40     | Reddish brown, oxidised silty Mudstone.   |
| 7.  | 40       | 65     | Light greyish, finely laminated silty Mudstone.   |
| 8.  | 65       | 69     | Very dark grey to black, massive carbonaceous Mudstone, shiny pyrite crystals observed.   |
| 9.  | 69       | 77     | Very dark grey to black, thinly laminated carbonaceous Mudstone (Coally), with super abundant pyrite as both the veinlets or crystals                 |
| 10. | 77       | 81     | Light greyish, thinly laminated carbonaceous Mudstone (Coal), with super-abundant crystals of pyrite.   |
| 11. | 81       | 101    | Dark grey to black, thinly laminated carbonaceous Mudstone (Coally) with abundant pyrite.   |
| 12. | 101      | 120    | Dark greyish, fine-grained, fresh and competent igneous mafic rock. Pyrite recovered in concentrate. Sparkling crystals against the sun are observed. |
| 13. | 120      | 149    | Greenish grey, fine to medium grained igneous mafic rock, fresh and competent, and is characterised by the presence of mica like minerals.            |

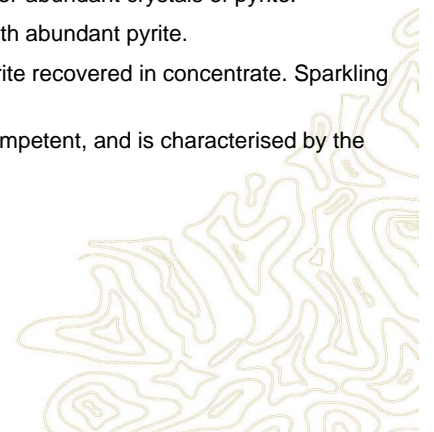
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## Borehole Information

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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.

