

## Borehole Information

**Borehole Number:**

**105/17/X212/H01**

**Prospecting Company:** De Beers Holdings Botswana

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

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -21.474468 , 24.569426

**Location:** Orapa

**Start Drill:** 2004-08-20

**End Drill:** 2004-08-24

**Borehole Type:** Exploration

**Drilling Method:** Percussion & Core

**Sample Type:** Core & Chips

**Depth of Surface Casing:** N/A

**Azimuth:** Degrees

**Hole Inclination:** -90 Degrees

**Collar Elevation:** 932 Metres

**Borehole Water Strike:** 60 Metres

**End of Hole (Depth):** 190 Metres

**Log Formation:**

| No. | From (m) | To (m) | Log Formation   |
|-----|----------|--------|---|
| 1.  | 0        | 2      | Surface vegetation: grass and shrub. Dark-grey Topsoil & dull (dirty) cream calcrete.   |
| 2.  | 2        | 8      | Grey - orange to cream yellowish calcrete.  |
| 3.  | 8        | 17     | Pale orange Silcrete (fine grained) with cream-yellow Sandy calcrete.   |
| 4.  | 17       | 35     | Pale-orange & white Sandy calcrete.   |
| 5.  | 35       | 46     | Dark-red medium grained Sandstone (poorly consolidated) colour index increases downward.  |
| 6.  | 46       | 60     | Very hard red-brown coarse grained (matrix free) Sandstone with "dirty" weathering/oxidation (quartzite-like) chips. Water struck at 60m.                         |
| 7.  | 60       | 74     | Grey-red- brown fine grained Sandstone.   |
| 8.  | 74       | 86     | Grey Sandstone with large (very coarse) up to 10mm size rounded quartz pebbles to 80m. Possible gravel layer(s) within Sandstone.                                 |
| 9.  | 86       | 180    | Mixture of grey & red-brown siltstone with some grey intercalations. Colour gradually changes to brown then orange-brown towards 112 - 115m then greyish at 120m. |
| 10. | 180      | 190    | Grey siltstone. Note the mixture of colour grey & dark-grey. Some chips show dark laminations. E.O.H at 190m in grey siltstone.                                   |

**NB:** For any enquiries, application, acquisition or verifications related to Water Boreholes, kindly contact the Department of Water and

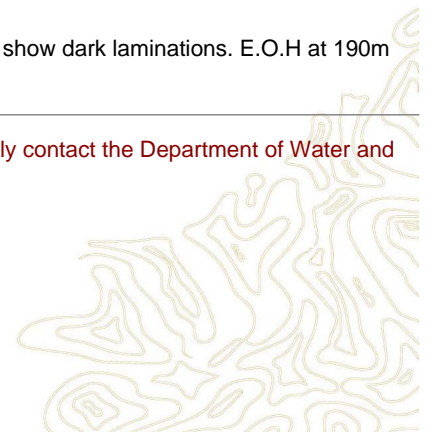
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Sanitation for assistance.

