

## Borehole Information

**Borehole Number:**

**105/17/X462/H01**

**Prospecting Company:** De Beers Holdings Botswana

**Prospecting License No.:** PL57/98

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -21.480405 , 24.491566

**Location:** Orapa

**Start Drill:** 2004-08-31

**End Drill:** 2004-09-01

**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:** 941 Metres

**Borehole Water Strike:** 56 Metres

**End of Hole (Depth):** 111 Metres

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	2	Surface vegetation: Mopani & grass, Dark-grey fine Sand.
2.	2	11	Grey-orange fine Sand, as above with cream-white calcrete.
3.	11	23	Sandy calcrete, Silcrete & calcrete.
4.	23	26	Black and greyy - orange Silcrete.
5.	26	35	Grey-orange calcretised Sandstone ( & cream-white).
6.	35	54	Orange (pinkish) medium to fine grained Sandstone; gradually turns reddish then red at 47mm.
7.	54	63	Red-brown siltstone 56m. Water at 56m, Coarse to very coarse Sandstone with zeoliths and clasts of siltstone & Bioturbation. Typical gravels: pebbles of quartz (River Channel).
8.	63	68	Yellow-orange laminated mudstone/siltstone.
9.	68	73	Brown (red-brown) fine grained oxidised-weathered brown-yellowish Sandstone- affected by Igneous below.
10.	73	90	Dark-brown (Dark-grey) very fine grained Igneous, fresh and strongly magnetic. Colour: Dark-green (grey) Texture: Very fine Minerals Identified: shiny pyrite-like or chalcopyrite-like. Rock Type: Dolerite/ Basalt/ Basement?
11.	90	111	Dark-grey very fine grained Igneous-highly magnetic rock. Dolerite? Basalt ? The anomaly is resolved by the magnetic igneous (Basalt/Dolerite?)

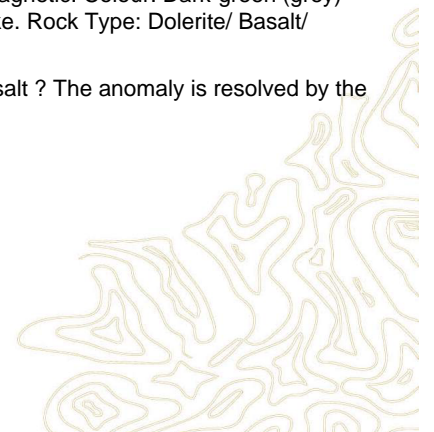
**Physical Address:** Plot 11566, Khama 1 Avenue, Lobatse, Botswana

**Postal Address:** Private Bag 0014, Lobatse, Botswana

**Telephone:** +267 533 0327 / +267 533 0428 **Fax:** +267 533 4295

**Email:** info@bgi.org.bw **Website:** www.bgi.org.bw

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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.

