

Borehole Information

Borehole Number:

105/19/X016/H1

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL119/93

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.433123 , 27.889372

Location: Matsiloje

Start Drill: 2000-05-01

End Drill: 2000-05-02

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: 970 Metres

Borehole Water Strike: N/A

End of Hole (Depth): 46 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	1	Dark brown Topsoil with fragments of gravel
2.	0	1	Dark brown Topsoil with fragments of gravel
3.	1	10	Greyish aphanetic rock with lath shaped black shiny crystals of Amphiboliteibole (pxy?). Fractured with calcite fillings
4.	1	10	Greyish aphanetic rock with lath shaped black shiny crystals of Amphiboliteibole (pxy?). Fractured with calcite fillings
5.	10	14	Light pinkish granitic gneiss with quartz veins
6.	10	14	Light pinkish granitic gneiss with quartz veins
7.	14	16	Light greyish phaneritic basalt (Fractured)
8.	14	16	Light greyish phaneritic basalt (Fractured)
9.	16	18	Light pinkish granitic gneiss with quartz veins
10.	16	20	Light pinkish granitic gneiss with quartz veins.
11.	16	18	Light pinkish granitic gneiss with quartz veins
12.	16	20	Light pinkish granitic gneiss with quartz veins.
13.	18	20	Dark greyish aphanetic Amphiboliteibolite with lath shaped opaque and shiny phenocrysts of Amphiboliteiboles
14.	18	20	Dark greyish aphanetic Amphiboliteibolite with lath shaped opaque and shiny phenocrysts of Amphiboliteiboles

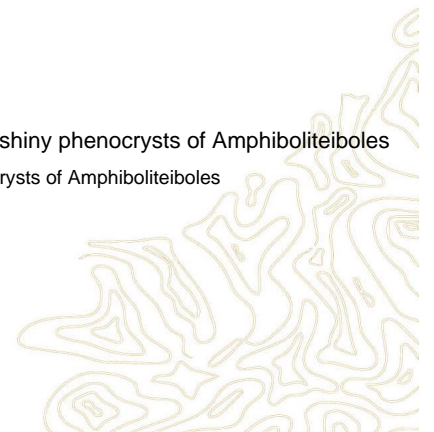
Physical Address: Plot 11566, Khama 1 Avenue, Lobatse, Botswana

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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15.	20	22	Pinkish granitic gneiss with creamish soft rock containing opaque shiny crystals (~15 - 20%)
16.	20	22	Pinkish granitic gneiss with creamish soft rock containing opaque shiny crystals (~15 - 20%)
17.	22	25	Dark grey aphanitic rock with phenocrysts of elongate opaque shiny mineral (fractured)
18.	22	25	Dark grey aphanitic rock with phenocrysts of elongate opaque shiny mineral (fractured)
19.	25	31	Pink granitic gneiss with traces of a creamish soft rock with opaque crystals at 23m & 30m.
20.	25	31	Pink granitic gneiss with traces of a creamish soft rock with opaque crystals at 23m & 30m.
21.	31	32	Light greyish basaltic gneiss meta basalt
22.	31	32	Light greyish basaltic gneiss meta basalt
23.	32	35	Pinkish granitic gneiss
24.	32	35	Pinkish granitic gneiss
25.	35	36	Light grey to greenish meta basalt
26.	35	36	Light grey to greenish meta basalt
27.	36	45	Phaneritic light greyish amygdaloidal meta? basalt
28.	36	45	Phaneritic light greyish amygdaloidal meta? basalt
29.	45	46	Light pinkish granitic gneiss
30.	45	46	Light pinkish granitic gneiss

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

