Borehole Construction and Geological Log  
Date compiled: 2011/04/01

BASIC SITE INFORMATION:  
Site Identifier: 2331CCX0017  Number: NPM6D  Site type: Borehole
Distr./Farm No.: 30  Site Name/Des.: WEGSTEER PTN. SOUTH OF NPM PIT
Region Type: Water supply authority  Region Descr.: BA-PHALABORWA LM
Latitude [°]: 23.973550  Longtitude [°]: 31.122530  Altitude [m]: 410.00
Coord. acc.: Accurate to within 10 units
Coord. meth.: Global Positioning System
Topo-set.: Unused  Site status: Production (water supply)
G-Nr.:  
Col. ht. [m]: 180.00  Diam. [mm]: 165
Site purp.: Production (water supply)  Equipment: No equipment
Use applc.: Domestic - all purposes  Drain. reg.: B72K
Rep. inst.: GOLD

Coordinate System: Geographic Decimal Degrees (Longitude/Latitude). Hartebeespoort (WGS 84)

Construction and Geohydrological Legend

<table>
<thead>
<tr>
<th>Construction</th>
<th>Progr. Yield</th>
<th>Penetr. rate</th>
<th>Lithology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole</td>
<td>1.4 l/s</td>
<td></td>
<td>OVERBURDEN: Brown;</td>
</tr>
<tr>
<td>Casing (plain/ perforated, slotted)</td>
<td></td>
<td></td>
<td>DOLERITE: Greyish brown, fine, very weathered fractured;</td>
</tr>
<tr>
<td>Screen / Mesh Screen</td>
<td></td>
<td></td>
<td>DOLERITE: Greyish brown, fine, slightly fractured weathered;</td>
</tr>
<tr>
<td>Piezometer</td>
<td></td>
<td></td>
<td>DOLERITE: Greyish brown, fine, slightly fractured weathered;</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>DOLERITE: Greyish brown, slightly weathered, slightly Fractured</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DOLERITE: Grey, fine fresh;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GRANITE: Pinkish grey, medium to coarse fresh;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GRANITE: Pinkish grey, medium fresh;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DOLERITE: Dark grey, fine fresh;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GRANITE: Pinkish grey, medium fresh;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Hole diameter [mm]  Casing diameter [mm]  Waterlevel measured: 24/03/11  Piezometer (Nr. & Diameter [mm])

Sanitary seal  Drill cuttings  Bentonite or clay

Depth [m]:

Depth [m]:

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180

Depth [m]:

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Constructing and Geohydrological Legend

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