# Borehole Construction and Geological Log

**Date compiled:** 2011/03/04

### BASIC SITE INFORMATION:
- **Site Identifier:** 2431AAX0017
- **Number:** PEP 6D
- **Site type:** Borehole
- **Distr./Farm No.:** 30LU
- **Site Name/Des.:** WEGSTEEK PTN. FOSKOR MINE
- **Region Type:** Water supply authority
- **Region Descr.:** BA-PHALABORWA LM

<table>
<thead>
<tr>
<th><strong>Latitude [°]:</strong></th>
<th>24.012910</th>
<th><strong>Reg./BB.:</strong></th>
<th>G-Nr.:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Longitude [°]:</strong></td>
<td>31.115760</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Altitude [m]:</strong></td>
<td>0</td>
<td><strong>Topo-set.:</strong></td>
<td>Unused</td>
</tr>
<tr>
<td><strong>Coord. acc.:</strong></td>
<td>Accurate to within 10 units</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Coord. meth.:</strong></td>
<td>Allimeter</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Depth [m]:** 156.00
- **Col. ht. [m]:**
- **Diam. [mm]:** 165
- **Site purp.:** Production (water supply)
- **Use appl.:** Domestic - all purposes
- **Equipment:** No equipment
- **Drain. reg.:** B72K
- **Rep. inst.:** GOLD

### 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></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing (plain / perforated, slotted)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screen / Mesh Screen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Piezometer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hole diameter [mm]</td>
<td>165</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing diameter [mm]</td>
<td>152</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waterlevel measured: 05/10/09</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Piezometer (Nr. &amp; Diameter [mm])</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Lithology:**
- **OVERBURDEN:** Brown sand gritty;
- **DOLERITE:** Grey, fine fractured weathered;
- **UNEISS:** White, medium to coarse fractured;
- **UNEISS:** Light grey, medium to coarse fresh;
- **DOLERITE:** Dark grey, fine, slightly fractured fresh;
- **DOLERITE:** Dark grey, fine fresh;
- **DOLERITE:** Dark grey, medium fresh;
- **GRANITE-UNEISS:** Light grey, medium to coarse fresh;
- **DOLERITE:** Dark grey, medium fresh;
- **GRANITE-UNEISS:** Dark grey, medium to coarse fresh;
- **GRANITE-UNEISS:** Dark grey, medium to coarse fresh;
- **GRANITE-UNEISS:** Dark grey, medium to coarse fresh;
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