Borehole Construction and Geological Log

Date compiled: 2011/04/01

BASIC SITE INFORMATION:  
Site Identifier: 2331CCX0008  
Number: NPM3D  
Site type: Borehole  
Distr./Farm No.: 31  
Site Name/Des.: LOOLE PTN. EAST OF NPM PIT  
Region Type: Water supply authority  
Region Descr.: BA-PHALABORWA LM

Latitude [°]: 23.966600  
Longitude [°]: 31.130800  
Altitude [m]: 436.00  
Coord. acc.: Accurate to within 10 units  
Coord. meth.: Global Positioning System

Reg./BB.:  
G-Nr.:  
Topo-set.:  
Site status: Unused  
Site purp.: Production (water supply)  
Use applc.: Domestic - all purposes  
Equipment: No equipment  
Depth [m]: 180.00  
Col. ht. [m]:  
Diam. [mm]: 165  
Drain. reg.: B72K  
Rep. inst.: GOLD

Coordinate System: Geographic Decimal Degrees (Longitude/Latitude), Hartbeeshoek4 (WGS 84)

Construction and Geohydrological Legend

- Hole  
- Casing (plain / perforated, slotted)  
- Screen / Mesh Screen  
- Piezometer

Construction  
Progr. Yield  
Penetr. rate  
[Min./m]  
[ft/min]  
[ft/min]

Lithology

CALCITE: White;  
PHYROXITE: Light green, fine to medium, very weathered, Phlogopite/Diopside  
PHYROXITE: Light green, fine to medium weathered, Phlogopite Rich  
PHYROXITE: Pinkish white, coarse feldspathic fractured; Phlogopite Rich  
PHYROXITE: Light green, fine to medium, slightly fractured fresh; Phlogopite Rich/Diopside  
PHYROXITE: Light grey, medium fresh, Phlogopite Rich/Diopside  
PHYROXITE: Light green, fine to medium fresh, Phlogopite Rich/Diopside  
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COMMENT: