



Aquifer Classification of South Africa



Background:
 Implementation of the Reconstruction and Development Programme (RDP) in South Africa has highlighted the importance of groundwater resources in the country as the role they will play in satisfying the targets of the RDP. As a result, exploration, development and protection of aquifers is receiving unprecedented attention. Provision of the appropriate information to national water resource managers and planners is a critical part of the process which aims to provide a further twelve million people with adequate access to potable water.

Data Sources:
 This map is based on the Borehole Prospects map provided by JR Vegter, Hydrogeological Consultant and AJ Seymour, DWA.

Description:
 This map indicates the aquifer classification system of South Africa. Blue represents the major aquifer region which is a high-yielding system of good water quality. Green represents the minor aquifer region which is a moderately-yielding aquifer system of variable water quality. Pink represents the poor aquifer region which is a low to negligible yielding aquifer system of moderate to poor water quality.

LEGEND

- Water Source**
 - Groundwater
 - Combination (Ground and surface water)
 - Surface water
- DURBAN Major towns/Cities**
- Aquifer Classification**
 - Poor
 - Minor
 - Major
- Province
- International boundaries
- Dams
- Special aquifer regions

Coordinate System: Clarke 1880 Albers Projection: Albers
 (Standard Parallel 1: 19 Standard Parallel 2: 27 Central Meridian)
 Datum: Clarke 1880

Original Map Compilation: Andiswa Matoti, Julian Conrad and Susan Jones, CSIR, 22 March 1999.

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 Directorate: Hydrological Services
 Sub-Directorate: Groundwater Information