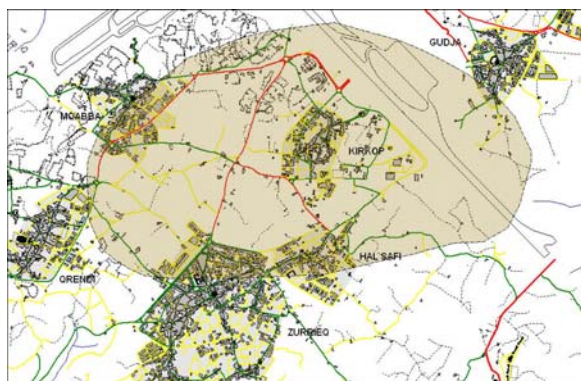




MALTA RESOURCES AUTHORITY



Groundwater Body Code

MT011

Groundwater Body Name

Mqabba-Kirkop Groundwater

Reference Year

2004

General Characteristics

Location

The Mqabba-Kirkop Aquifer is located around the villages of Mqabba and Kirkop, perched over the mean sea-level aquifer. The groundwater body probably occurs in this syncline as a result of the presence of impervious marly beds at the base of the Lower Globigerina Limestone Formation.

This groundwater-body has a considerable importance for the farming activity in the region and is tapped by a number of private wells

Area	Surface catchment area estimated at 3.4km ²
Main Aquifer	Upper Coralline Limestone
Main Aquifer Type	Fractured Carbonate Media
Groundwater Horizon	1
Maximum Length	1.3km
Maximum Width	3.0km
Mathematical centre of groundwater body	453200, 3966500
Hydro-geological characteristics	
Stratigraphy	Tertiary—Miocene
Mean Annual Precipitation	543mm
Mean Aquifer Thickness	n/a
Main Recharge Source	Precipitation
Pressures	
Main Land-Use Features (Corinne Landcover 2000)	
Discontinuous urban fabric	28%
Agriculture with significant area of natural vegetation	60%
Airport	9%
Mineral abstraction sites	3%
Other Pressures	
Water Abstraction Purpose	Irrigation
Artificial Recharge	n/a
Associated Aquatic Ecosystems	None