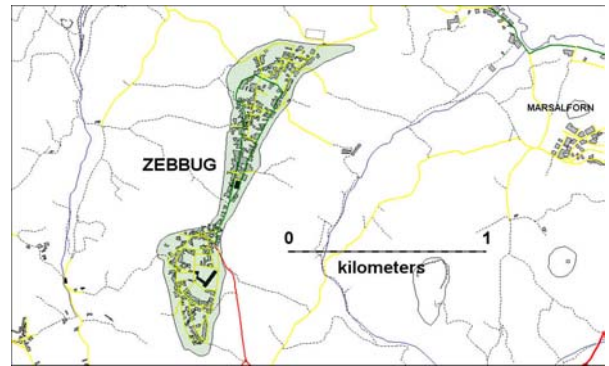




MALTA RESOURCES AUTHORITY



Groundwater Body Code

MT017

Groundwater Body Name

Zebbug Perched Groundwater Body

Reference Year

2004

General Characteristics

Location

The Zebbug Aquifer consists of a relatively thin strip of upper Coralline Limestone in the central parts of the Island of Gozo which stands at a height of 160m above sea-level. It is bounded by Wied ta' l-Ghasri to the west, Wied il-Qlejgħha to the east and by the coast to the north.

Area	0.4km ²
Main Aquifer	Upper Coralline Limestone
Main Aquifer Type	Fractured Carbonate Media
Groundwater Horizon	1
Maximum Length	1.7km
Maximum Width	0.3km
Mathematical centre of groundwater body	431200, 3992100
Hydro-geological characteristics	
Stratigraphy	Tertiary—Miocene
Mean Annual Precipitation	450mm
Mean Aquifer Thickness	15m
Main Recharge Source	Precipitation
Mean Annual Recharge	0.16hm ³
Pressures	
Main Land-Use Features (Corinne Landcover 2000)	
Discontinuous urban fabric	100%
Other Pressures	
Water Abstraction Purpose	Irrigation, Secondary Domestic
Artificial Recharge	Mainly due to leakages from the potable supply and sewerage network
Associated Aquatic Ecosystems	None