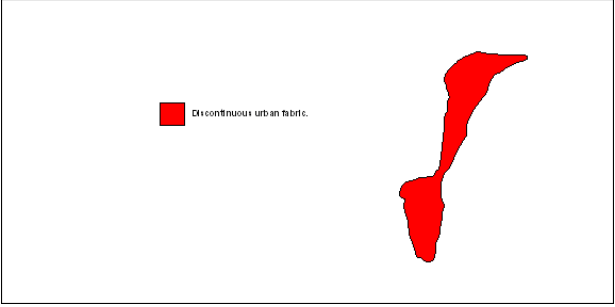
 MALTA RESOURCES AUTHORITY		
Groundwater Body Code		
MT017		
Groundwater Body Name		
Zebbug Perched Groundwater Body		
Reference Year		
2004		Corinne Landcover 2000
Hydrogeological Characteristics		
Aquifer Description		
<p>The outcropping aquifer formation in the Zebbug region is the Upper Coralline Limestone. Due to its lithographic nature and its sensitivity to weathering this formation hosts a generalized aquifer. The UCL formation varies considerably in thickness due to erosion. The rather small thickness of this formation on the plateaus has made possible the direct exploitation of water resources by shallow wells. The outcrops of the Upper Coralline Limestone acts as a generalized recharge area for the underlying groundwater body.</p>		
Mean Aquifer Thickness	n/a	
Soil Type and Indicative Thickness	Main soil type is the Carbonate Raw Soils.	
Mean Hydraulic Conductivity	2.93E-6m/s	
Mean Annual Groundwater Level Amplitude	n/a	
Pressures—Quantitative Status		
Mean Annual Recharge (Natural and Artificial)	0.16 hm ³	
Mean Annual Groundwater Demand	0.03 hm ³	
Balance	0.07 hm ³	
WSC Groundwater Sources	None	
Registered Private Groundwater Sources	82 wells, 3 springs	
Pressures—Qualitative Status		
Principal Diffuse sources of Pollution	Leaks from the sewerage network	
Principal Point sources of Pollution	n/a	
Nitrate Content in Groundwater	Not known but expected to be high	
Chloride Content in Groundwater	Not known but expected to be moderate or low	
Pesticide Content in Groundwater	No data available.	
Other Pollutants	n/a	
Direct discharges to Groundwater	No direct discharges have been permitted	
Associated Aquatic Ecosystems-sites under investigation		
No sites enclosing groundwater dependent eco-systems have been identified.		
Preliminary Risk Assessment		
The Groundwater body is probably at risk of failing to achieve the environmental objectives of the Water Framework Directive.		