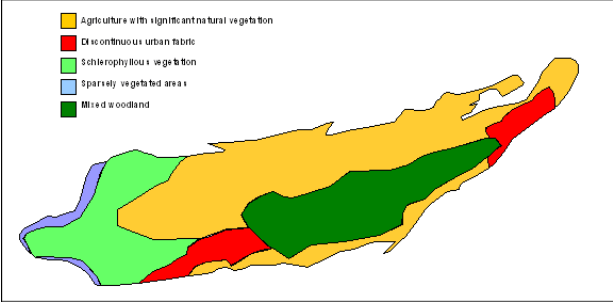
 MALTA RESOURCES AUTHORITY		 <p>Corinne Landcover 2000</p>
Groundwater Body Code		
MT006		
Groundwater Body Name		
Mizieb Mean Sea Level Groundwater Body		
Reference Year		
2004		
Hydrogeological Characteristics		
Aquifer Description		
<p>The aquifer formation in the region is the Upper Coralline Limestone. Due to its lithographic nature and its sensitivity to weathering this formation should hosts a generalized aquifer. The UCL formation varies considerably in thickness due to erosion. The formation achieves a maximum thickness 97m in the Mizieb area and can be described shallow water deposit of variable composition.</p>		
Mean Aquifer Thickness	31.5m	
Soil Type and Indicative Thickness	Main soil type is Terra Soil. Indicative thickness 70-100cm (exceeds 100cm in Mizieb valley)	
Mean Hydraulic Conductivity	2.93E-6m/s	
Mean Annual Groundwater Level Amplitude	n/a	
Pressures—Quantitative Status		
Mean Annual Recharge (Natural and Artificial)	1.11hm ³	
Mean Annual Groundwater Demand	0.96hm ³	
Balance	0.15hm ³	
WSC Groundwater Sources	1 pumping station, 1 borehole (unutilized)	
Registered Private Groundwater Sources	8 boreholes	
Pressures—Qualitative Status		
Principal Diffuse sources of Pollution	Intensive Agriculture	
Principal Point sources of Pollution	Main Sewer	
Nitrate Content in Groundwater	Low—less than 50mg/l	
Chloride Content in Groundwater	Exceeds 500mg/l	
Pesticide Content in Groundwater	Low—total pesticide content below 0.5µg/l	
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		
<p>The 'water balance' estimate for this groundwater body has a slightly positive outcome, whilst recorded nitrate levels are lower than the 50mg/l parametric limit and saline intrusion is limited. Further in-depth investigations are needed to determine current and future trends with respect to the attainment of good 'status' as required by the WFD.</p>		