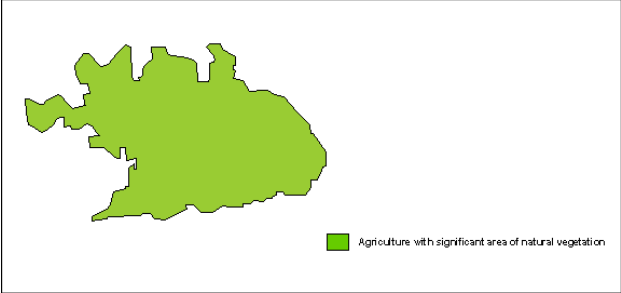
 MALTA RESOURCES AUTHORITY		 <small>■ Agriculture with significant areas of natural vegetation</small>
Groundwater Body Code		
MT012		
Groundwater Body Name		
Comino Mean Sea Level Groundwater Body		
Reference Year		
2004		Corinne Landcover 2000
Hydrogeological Characteristics		
Aquifer Description		
The aquifer formation outcropping in Comino is the Upper Coralline Limestone. There are no main fault lines crossing the central regions of the island and the formation bedding planes are essentially horizontal. The Upper Coralline Limestone attains a maximum thickness of 80-100m.		
Mean Aquifer Thickness	70m	
Soil Type and Indicative Thickness	Terra soils is the main soil type and its indicative thickness lies between 21-33cm	
Mean Hydraulic Conductivity	2.93E-6m/s	
Mean Annual Groundwater Level Amplitude	n/a	
Pressures—Quantitative Status		
Mean Annual Recharge (Natural and Artificial)	0.52 hm ³	
Mean Annual Groundwater Demand	0.3 hm ³	
Balance	0.22 hm ³	
WSC Groundwater Sources	12 production boreholes two of which are utilised for the abstraction of water for secondary purposes.	
Registered Private Groundwater Sources	1 pumping station, 9 Boreholes.	
Pressures—Qualitative Status		
Principal Diffuse sources of Pollution	Agriculture	
Principal Point sources of Pollution	Pig farm	
Nitrate Content in Groundwater	Low - less than 50 mg/l	
Chloride Content in Groundwater	Results range from 100-570mg/l	
Pesticide Content in Groundwater	Not expected to be present since no intensive agriculture is present.	
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 not at risk of failing to achieve the environmental objectives of the Water Framework Directive both from the view of the achievement of criteria related to its quantitative and qualitative status. The groundwater body is however prone to localized sea-water intrusion in response to abstraction from wells, even at low abstraction rates.		