



**Groundwater Body Code**

MT015

**Groundwater Body Name**

Nadur Perched Groundwater Body

**Reference Year**

2004

**General Characteristics**

**Location**

The Nadur Upper Coralline Limestone Aquifer lies in the northeast of Gozo and ranges in height from 140m to 75 above mean sea-level. It is bounded by the Ghajnsielem/Qala fault to the south, the sea to the northeast and Wied ir-Ramla to the west.

**Area**

5km<sup>2</sup>

**Main Aquifer**

Upper Coralline Limestone

**Main Aquifer Type**

Fractured Carbonate Media

**Groundwater Horizon**

1

**Maximum Length**

3.0km

**Maximum Width**

3.3km

**Mathematical centre of groundwater body**

437400, 3989900

**Hydro-geological characteristics**

**Stratigraphy**

Tertiary—Miocene

**Mean Annual Precipitation**

450mm

**Mean Aquifer Thickness**

30m

**Main Recharge Source**

Precipitation

**Mean Annual Recharge**

1.3hm<sup>3</sup>

**Pressures**

**Main Land-Use Features (Corinne Landcover 2000)**

**Discontinuous urban fabric**

41%

**Agriculture with significant area of natural vegetation**

30%

**Schlerophyllus vegetation**

29%

**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