

#### **4. DETAILED MAP UNIT DESCRIPTIONS AND CAPABILITY RATINGS**

Forty-eight map units have been identified within the Shire of Romsey. Each map unit is described in a 2-page format in terms of the geology, topography, dominant soil, and general site characteristics. It includes a table of land capability assessment for those land uses considered important by the Shire of Romsey, and estimates of susceptibility to erosion and recharge. The land capability assessment table also identifies the major limiting feature(s) for each land use.

The land capability ratings tables for agriculture and earthen dams have been adapted to suit the environment of the Romsey Shire. Using these ratings tables for any other area would have to take this into consideration.

Three complex map units were identified covering the Mount William Range. As this area has a very complex mixture of geology and slope, they have been mapped broadly according to the soil type, drainage and incidence of erosion. As detailed information was not obtained for the range, land capability ratings were not assessed.

Maps depicting the map units and the land capability assessments for the nominated land uses are available at the back of the report.

Note:

As observations only go to a maximum depth of 2.0 m, the depth to hardrock and to seasonal water table have been generalized.

The pH recorded in the profile descriptions are field pH. The pH recorded in the interpretation of laboratory analysis are CaCl<sub>2</sub> or field pH (H<sub>2</sub>O) as indicated.