

6.2.17 SWAMP and LAKE COMPLEX - 17 LAND ELEMENT

Map unit Wg17

Landscape

There are numerous waterbodies in the shire, particularly south of the Little Desert. Where possible the waterbodies have been identified individually and described as permanent lakes (Wg16) and intermittent swamps (Wg15). Chains of lakes and swamps commonly occur in the swales of closely aligned ridges and receive most of their water locally through runoff, rain and groundwater (Hills 1940).

This complex is made up of lakes (Wg16), swamps (Wg15), lunettes (Nu14), clay plains (Pg10) and small rises (Pg12/Pg11), which are often ferric sodosols with some solodised solonetz, between the lakes, and has been mapped as the unit (Wg17).

To represent this complex unit on the land suitability maps, one commonality - the clay plains - has been used, as it is potentially the most agriculturally viable land of the complex. The soils on the clay plains are similar to the Southern Clay Plains - 10 land system, therefore WW10 has been used to represent this land element on the agricultural land suitability maps. For the suitability ratings for the remainder of this complex land element, unit descriptions for the intermittent swamps (Wg15), lunettes (Nu14), ferric sodosols (Pg/Pu12) and solodised solonetz (Pg/Pu11) will provide information on the individual land elements.

