

Figure 7.2







# Susceptibility to Acidity Northern and Yorke Agricultural District

Classes are based on an interpretation of soil landscape map units. Acidity varies within soil classes (depending on management practice and climate), and within mapping units (which often include a complex of soils). Rankings are made according to pH measurements and extrapolation between similar environments. All land which is inherently susceptible to acidity is classified accordingly, regardless of land use or management. The susceptibility to acidity of each component of a mapping unit is assessed. The units are then classified according to the acidity of the most 'at risk' component, provided that it accounts for more than 30% of the area of the map unit. Limited occurrences of susceptible soils (ie account for 10 - 30% of the area of the map unit) are indicated as an additional class.

Classes take account of both surface and subsoil (ie deeper than 30 cm) acidity, and the buffering capacity of the surface soil (buffering capacity is an indication of the soil's capacity to resist acidification).


**SOIL ACIDITY**

Susceptibility to acidity      Surface buffering capacity

	Negligible	Any
	10 - 30% of soils susceptible *	Any
	Surface soil only	Moderate to high
	Surface soil only	Low
	Surface and subsoil	Moderate to high
	Surface and subsoil	Low

\* Includes any susceptible soils, without distinction between surface and subsoil, and buffering capacity.

 Not applicable

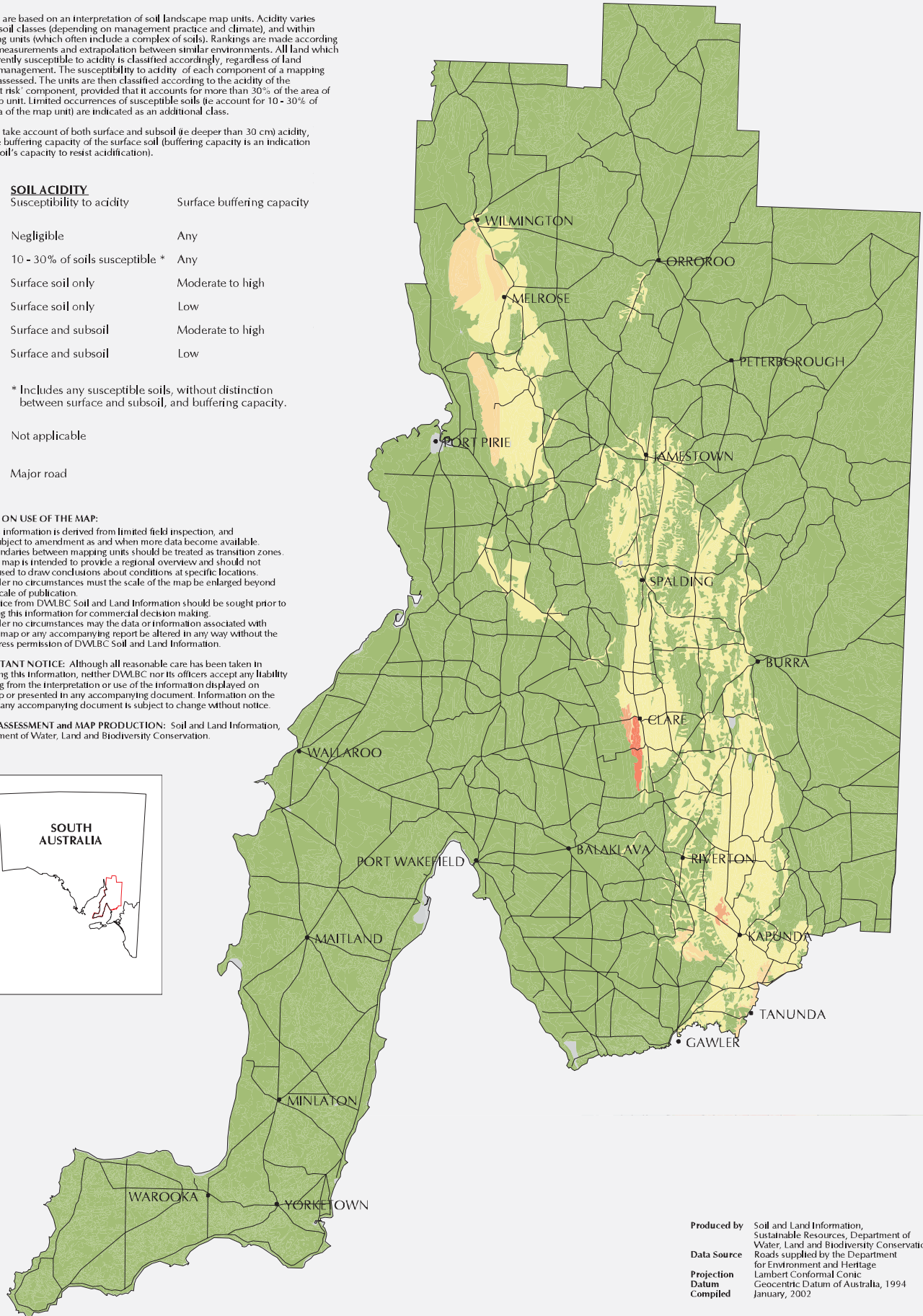
 Major road

**NOTES ON USE OF THE MAP:**

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2. Boundaries between mapping units should be treated as transition zones.
3. The map is intended to provide a regional overview and should not be used to draw conclusions about conditions at specific locations.
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**LAND ASSESSMENT and MAP PRODUCTION:** Soil and Land Information, Department of Water, Land and Biodiversity Conservation.



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