



NOTES ON USE OF THE MAP

- This information is derived from limited field inspection, and is subject to change without notice.
- Boundaries between mapping units should be treated as transition zones. Boundaries are not necessarily precise and should not be used to draw conclusions about conditions at specific locations.
- Under no circumstances must the scale of the map be enlarged beyond 5x its scale of mapping.
- Advice from DEWNR, Soil and Land Chapter, should be sought prior to any use of this information for purposes other than those intended.
- Under no circumstances may the data or information associated with this map or any accompanying report be altered in any way without the express permission of DEWNR, Soil and Land Program.

© Copyright Department of Environment, Water and Natural Resources 2013. All Rights Reserved. All works and information displayed are subject to Copyright. For the reproduction or publication beyond that permitted by the Copyright Act 1968 (Cwth) written permission must be sought from the Department.

Although every effort has been made to ensure the accuracy of the information displayed, the Department, its agents, officers and employees make no representations, either express or implied, that the information displayed is accurate, complete or free from error. The Department accepts no liability for loss or damage arising from reliance upon the information displayed.

Land assessment: DEWNR Soil and Land Program, July 2009
 Map projection: Lambert Conformal Conic, GDA04



— Main Road



KANGAROO ISLAND

ACIDITY

Classes are based on an interpretation of soil landscape map units. Acidity varies within soil classes (depending on management practice and climate), and within map units (which often include a complex of soils). Assessments are made according to pH measurements and extrapolation between similar environments regardless of land use or management. The map units are classified according to the acidity of the most "at risk" component, provided that it accounts for more than 30% of the area. Limited occurrences of acidic soils (ie 10 - 30% of the area) 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	SURFACE BUFFERING CAPACITY
Negligible	Any
10 - 30% of soils acidic *	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, or buffering capacity.

Not applicable