

Great Australian Bight

Fowlers Bay

Ceduna

Streaky Bay

Kimba

Whyalla

Elliston

Lock

Cleve

Cummins

Port Lincoln

Spencer Gulf

Kadina

Moonta

Maitland

Yorke Island

Kingscote

Gulf St Vincent

Adelaide

Mt Barker

Strathalbyn

Victor Harbor

Meningie

Murray Bridge

Pinnaroo

Keith

Kingston

Robe

Naracoorte

Penola

Mt Gambier

NEW SOUTH WALES

VICTORIA

## SOUTHERN SOUTH AUSTRALIA

### ALUMINIUM TOXICITY

Classes are based on an interpretation of soil landscape map units. Potential toxicity can vary significantly within a mapping unit. Each map unit is classified according to various proportions of high and moderate toxicity, estimated from limited laboratory analyses and extensive extrapolation according to similarity of soil type. Plants vary in their susceptibility to aluminium toxicity. In this classification, moderate toxicity is 2 - 4 mg/kg 0.01M CaCl<sub>2</sub> extractable aluminium, and high toxicity is more than 4 mg/kg extractable Al.

Proportion of land with potentially high or moderate aluminium toxicity

- Negligible to minor
- 10 - 30% moderate toxicity
- 30 - 90% moderate toxicity
- 30 - 90% moderate and up to 30% high toxicity
- More than 90% moderate toxicity
- 30 - 90% high toxicity
- More than 90% high toxicity
- Not applicable

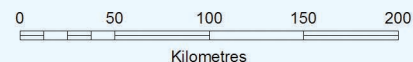
#### NOTES ON USE OF THE MAP:

1. This information is derived from limited field inspection, and is subject to change without notice.
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.
4. Under no circumstances must the scale of the map be enlarged beyond its scale of mapping.
5. Advice from DEWNR Soil and Land Program should be sought prior to using this information for commercial decision making.
6. 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.

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Land Assessment: DEWNR Soil and Land Program, July 2009  
Map Production: DEWNR Science Resource Centre  
Map Projection: Lambert Conformal Conic  
Map Datum: GDA94



Main Road

Southern Ocean



**Government of South Australia**  
Department of Environment,  
Water and Natural Resources