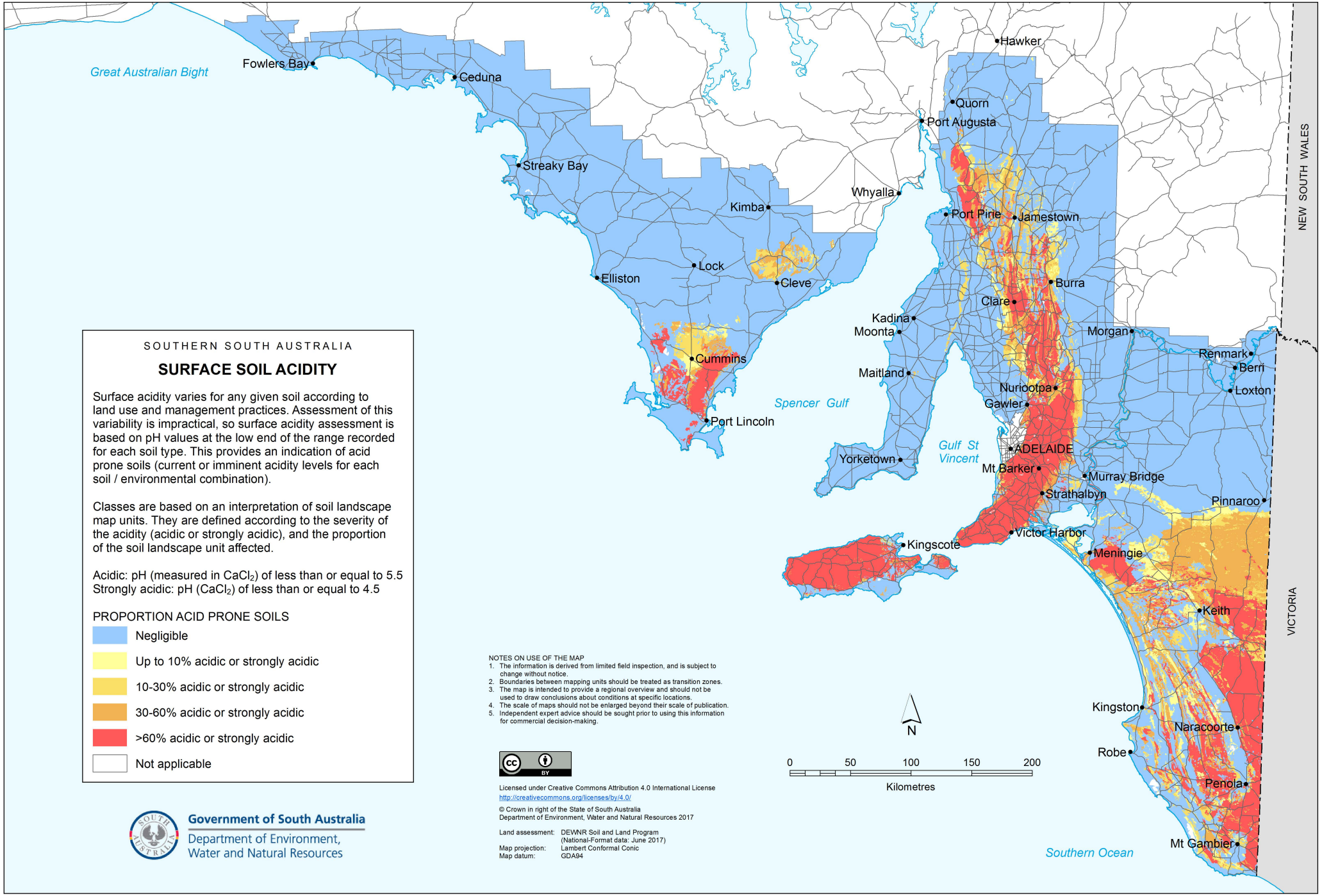

SOUTHERN SOUTH AUSTRALIA

SURFACE SOIL ACIDITY

Surface acidity varies for any given soil according to land use and management practices. Assessment of this variability is impractical, so surface acidity assessment is based on pH values at the low end of the range recorded for each soil type. This provides an indication of acid prone soils (current or imminent acidity levels for each soil / environmental combination).

Classes are based on an interpretation of soil landscape map units. They are defined according to the severity of the acidity (acidic or strongly acidic), and the proportion of the soil landscape unit affected.

Acidic: pH (measured in $CaCl_2$) of less than or equal to 5.5
Strongly acidic: pH ($CaCl_2$) of less than or equal to 4.5

PROPORTION ACID PRONE SOILS

- Negligible
- Up to 10% acidic or strongly acidic
- 10-30% acidic or strongly acidic
- 30-60% acidic or strongly acidic
- >60% acidic or strongly acidic
- Not applicable

NOTES ON USE OF THE MAP

1. The 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. The scale of maps should not be enlarged beyond their scale of publication.
5. Independent expert advice should be sought prior to using this information for commercial decision-making.

Land assessment: DEWNR Soil and Land Program (National-Format data: June 2017)
Map projection: Lambert Conformal Conic
Map datum: GDA94

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