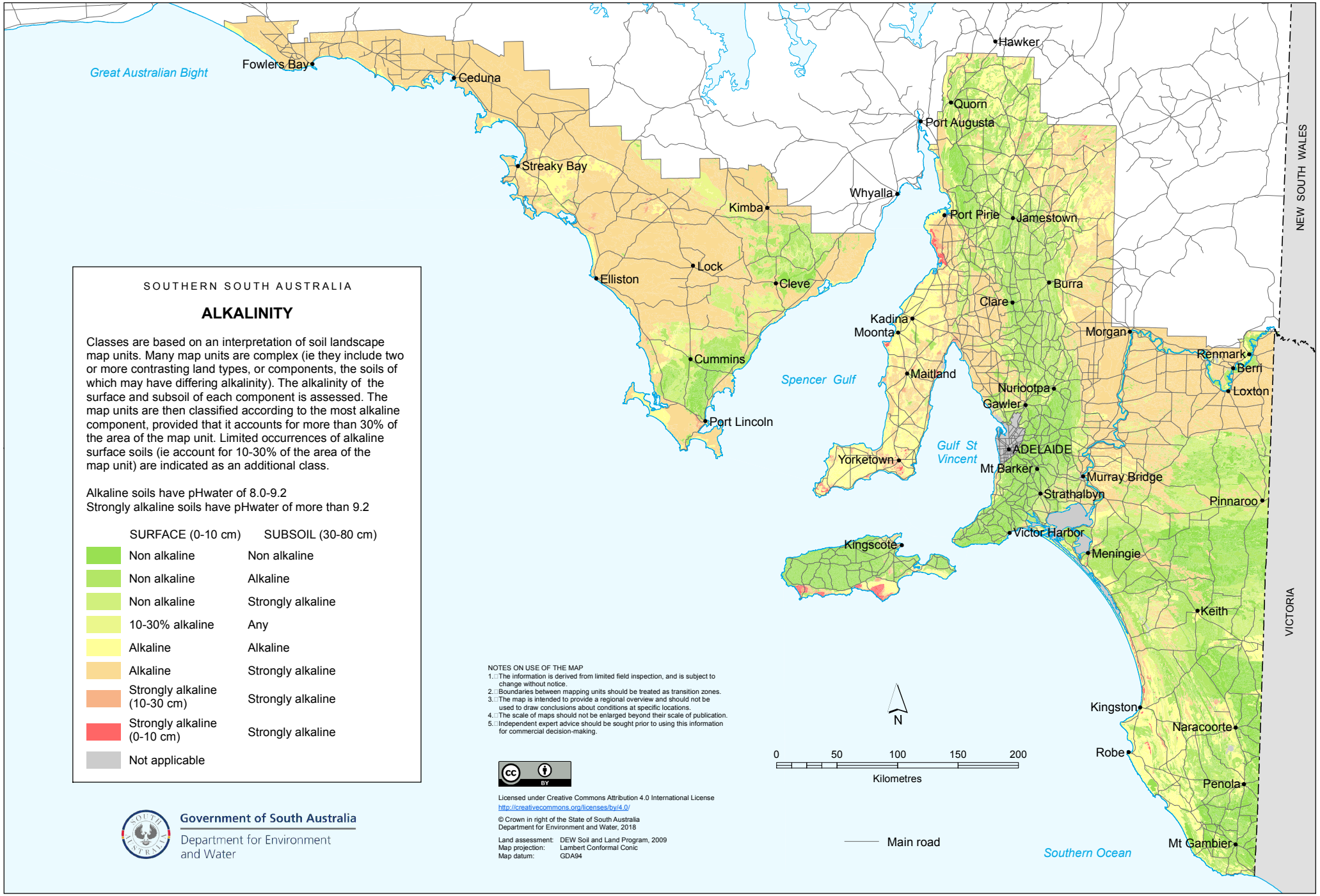
Great Australian Bight
Fowlers Bay
Ceduna
Streaky Bay
Kimba
Elliston
Lock
Cleve
Cummins
Port Lincoln
Whyalla
Hawker
Quorn
Port Augusta
Port Pirie
Jamestown
Burra
Clare
Kadina
Moonta
Morgan
Maitland
Spencer Gulf
Renmark
Berri
Loxton
Nuriootpa
Gawler
ADELAIDE
Mt Barker
Murray Bridge
Strathalbyn
Pinnaroo
Victor Harbor
Meningie
Yorketown
Gulf St Vincent
Kingscote
Keith
Kingston
Naracoorte
Robe
Penola
Mt Gambier
Southern Ocean
NEW SOUTH WALES
VICTORIA
SOUTHERN SOUTH AUSTRALIA
ALKALINITY
Classes are based on an interpretation of soil landscape map units. Many map units are complex (ie they include two or more contrasting land types, or components, the soils of which may have differing alkalinity). The alkalinity of the surface and subsoil of each component is assessed. The map units are then classified according to the most alkaline component, provided that it accounts for more than 30% of the area of the map unit. Limited occurrences of alkaline surface soils (ie account for 10-30% of the area of the map unit) are indicated as an additional class.
Alkaline soils have pHwater of 8.0-9.2
Strongly alkaline soils have pHwater of more than 9.2
SURFACE (0-10 cm)
SUBSOIL (30-80 cm)
Non alkaline
Non alkaline
Non alkaline
Alkaline
Non alkaline
Strongly alkaline
10-30% alkaline
Any
Alkaline
Alkaline
Alkaline
Strongly alkaline
Strongly alkaline (10-30 cm)
Strongly alkaline
Strongly alkaline (0-10 cm)
Strongly alkaline
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.
N
0
50
100
150
200
Kilometres
Main road
Government of South Australia
Department for Environment and Water
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© Crown in right of the State of South Australia
Department for Environment and Water, 2018
Land assessment: DEW Soil and Land Program, 2009
Map projection: Lambert Conformal Conic
Map datum: GDA94