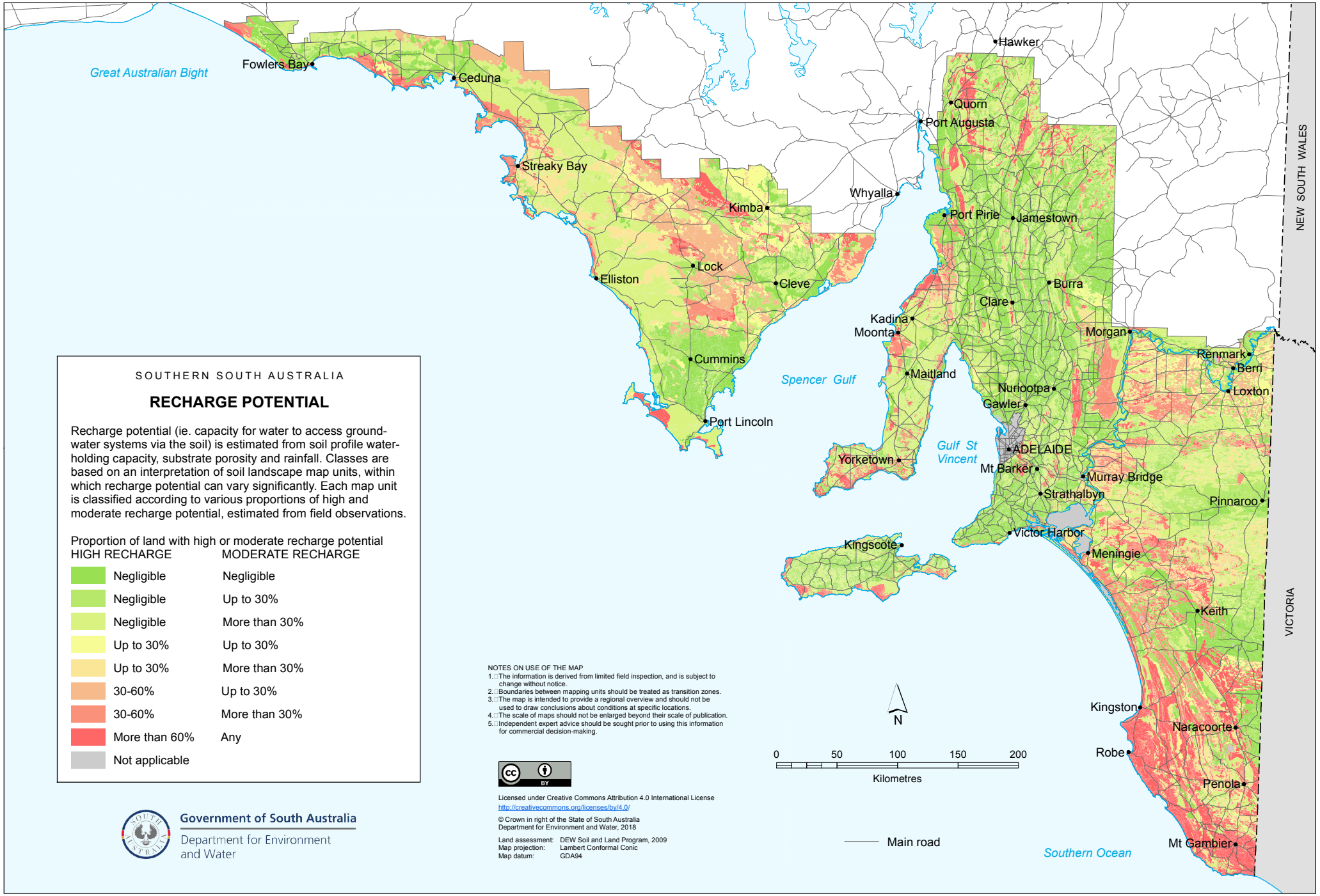

SOUTHERN SOUTH AUSTRALIA

RECHARGE POTENTIAL

Recharge potential (ie. capacity for water to access groundwater systems via the soil) is estimated from soil profile water-holding capacity, substrate porosity and rainfall. Classes are based on an interpretation of soil landscape map units, within which recharge potential can vary significantly. Each map unit is classified according to various proportions of high and moderate recharge potential, estimated from field observations.

Proportion of land with high or moderate recharge potential

HIGH RECHARGE	MODERATE RECHARGE
Negligible	Negligible
Negligible	Up to 30%
Negligible	More than 30%
Up to 30%	Up to 30%
Up to 30%	More than 30%
30-60%	Up to 30%
30-60%	More than 30%
More than 60%	Any
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.

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Department for Environment and Water, 2018

Land assessment: DEW Soil and Land Program, 2009
Map projection: Lambert Conformal Conic
Map datum: GDA94

Government of South Australia
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