

SOUTHERN SOUTH AUSTRALIA

SUBSURFACE SOIL ACIDITY

Subsurface soil refers to the layer immediately below the surface layer, and typically has a depth range of 10-20 through to 10-30 cm. It is generally not as dark as the surface soil, and is less clayey than underlying subsoil. In soils where the surface soil directly overlies the subsoil, the upper subsoil pH is used in this assessment. In shallow soils, the subsurface may directly overlie bedrock or hardpan.

Classes are based on an interpretation of soil landscape map units. Acidification potential is assessed according to the lowest pH recorded for each soil type. This is considered indicative of potential for acidification in similar soils and environments. Classes are defined according to the severity of the acidification potential (acidic or strongly acidic), and the proportion of the soil landscape unit affected.

Acidic: pH (measured in CaCl₂) of less than or equal to 5.5
 Strongly acidic: pH (CaCl₂) 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
- More than 60% acidic or strongly acidic
- Not applicable

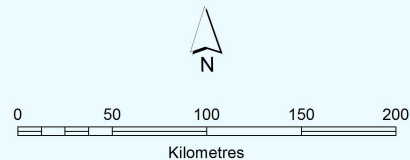
- NOTES ON USE OF THE MAP**
1. The information is derived from limited field inspection, and is subject to change without notice.
 2. Boundaries between mapping units should be treated as transition zones.
 3. The map is intended to provide a regional overview and should not be used to draw conclusions 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.



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