<table>
<thead>
<tr>
<th>Name of dataset or data source:</th>
<th>Acid Sulfate Soils Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Custodian of the dataset or data source:</td>
<td>ED Science (EES)</td>
</tr>
<tr>
<td>Description:</td>
<td>This project has mapped the occurrence of Acid Sulfate Soils (ASS) along the coast of NSW and provides information that will assist land management and rehabilitation. In their natural state, these soils are submerged but when exposed or drained, they become oxidised and sulphuric acid is produced. This reduces soil fertility, kills vegetation and reduces fish populations. The identification of the location and extent of potential acid sulfate soils (PASS) is the essential first step in managing this problem. 128 map sheets were mapped for risk of occurrence of ASS at a scale of 1:25,000. This project was co-funded by the Natural Resources Audit Council (NRAC), and was revised in 1997. In this version, (v2.5), ASS risk maps have not been remapped, however minor attribution changes to the GIS linework have occurred to fix errors and some additional original information has been incorporated into the attribute tables. This data provides maps of elevation, landform process groups and landform elements for the mapped area. The symbology for the ASS probability risk map classes can also now be simplified to reflect only probability, potential depth from the surface and presence of areas with Pleistocene sediments or ASS scalding. Related Datasets: The dataset area is also covered by the mapping of the Soil and Land Resources of Central and Eastern NSW and Soil Landscapes of Central and Eastern NSW and Hydrogeological landscapes of NSW. Online Maps: This and related datasets can be viewed using eSPADE (NSW’s soil spatial viewer), which contains a suite of soil and landscape information including soil profile data. Many of these datasets have hot-linked soil reports. An alternative viewer is the SEED Map: an ideal way to see what other natural resources datasets (e.g. vegetation) are available for this map area. References: Naylor, SD, Chapman, GA, Atkinson, G, Murphy CL, Tulau MJ, Flewin TC, Milford HB, Morand DT, 1998, Guidelines for the Use of Acid Sulfate Soil Risk Maps, 2nd ed., Department of Land and Water Conservation, Sydney.</td>
</tr>
<tr>
<td>Data quality rating:</td>
<td>★ Institutional Environment - 4 ★ Accuracy - 3 ★ Coherence - 3 ★ Interpretability - 4 ★ Accessibility - 2</td>
</tr>
</tbody>
</table>

**INSTITUTIONAL ENVIRONMENT**

| Very Good |

- Does the information have the potential to enhance services or service delivery?
- The following governance roles and responsibilities for this asset are clearly assigned:
  - Information Asset Owner
  - Information Asset Custodian
  - Information Steward
Data collection is authorised by law, regulation or agreement
The Custodial agency has no commercial interest or conflict of interest in the data

The data aligns with the Data Quality Framework, including:
- Legislation
- Policies
- Information Asset Governance
- Standards
- Data Management Plans

Accuracy

Good

Data has been subject to a data assurance process (for example: Checking for errors at each stage of data collection and processing, or verifying data entry and making corrections if necessary.)
There are no known gaps in the data or if there are gaps (for example: non-responses, missing records, data not collected), they have been identified in caveats attached to the dataset.
The data collection met the objectives of the primary user. The data correctly represents what it was designed to measure, monitor or report.

Data is revised and the revision is published if errors are identified
No changes have been made or other factors identified (for example: weighting, rounding, de-identification of data, changes or flaws in data collection or verification methods) that could affect the validity of the data; or any changes/factors have been identified in caveats attached to the asset.

Coherence

Good

Elements within the data can be meaningfully compared.
This data is generally consistent with similar or related data sources from the same discipline
The data does not form part of a collection or, if it is the latest in a series of data releases, there have not been any changes in methodology or external impacts since the last data release.

Standard definitions, common concepts, classifications and data recording practices have been used.
The data can be analysed over time (for example, there have not been any significant changes in the way items are defined, classified or counted over time).

Interpretability

Very Good

A data dictionary is available to explain the meaning of data elements, their origin, format and relationships
Information is available about the primary data sources and methods of data collection (e.g. instruments, forms, instructions).
Information is available to explain concepts, help users correctly interpret the data and understand how it can be used
Information is available to explain ambiguous or technical terms used in the data
You must check and comply with the licensing conditions for the information you wish to use. This may require you to contact the Department of Planning and Environment (DPE), or other custodial agency, or the third party copyright owner for permission to use the material. You may also use any material in accordance with rights you may have under the Copyright Act 1968 (Cth), for example under the fair dealing provisions or statutory licences. Use of material in a way not permitted by this copyright notice may be an infringement of copyright. Infringing copyright may expose you to legal action by, and liability to, the copyright owner. Wherever a third party holds copyright in material, the copyright remains with that party. Their permission may be required to use the material and you should contact that party directly. As far as practicable, material for which the copyright is owned by a third party will be clearly labelled. Excluded material can only be used under the specific terms of use attached to that material. If you want to use this material in a manner that is not covered by those specific terms of use, you must request permission from the copyright owner of the material.

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- any error, omission or misrepresentation in the information provided
- without limiting the above, any delay, failure or error in recording, displaying or updating information, including but not limited to, data relating to credit holdings.

Custodial agencies and the State of New South Wales disclaim all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages and costs you might incur as a result of the information being inaccurate or incomplete in any way, and for any reason.

For more information about this dataset or data source, contact:
Department of Planning and Environment

Data Broker email: data.broker@environment.nsw.gov.au

Data Broker phone: 131555
The data quality statement aims to help you understand how a particular dataset could be used and whether it can be compared with other, similar datasets. It provides a description of the characteristics of the data to help you decide whether the data will be fit for your specific purpose.

The Data Quality statement is prepared by the data custodian (provider of the dataset), using a questionnaire that has been developed in accordance with the NSW Government Standard for Data Quality Reporting.

**About the quality rating:**
The reporting questionnaire asks five questions for each of these data quality dimensions:

- Institutional Environment
- Accuracy
- Coherence
- Interpretability
- Accessibility

For each question: “yes” = 1 point; “no” = 0 points
The number of points determines the Quality Level for each dimension (high, medium, low). Only dimensions with four or five points receive a star.

<table>
<thead>
<tr>
<th>Points</th>
<th>Quality Level</th>
<th>Star / No Star</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Poor</td>
<td>No Star</td>
</tr>
<tr>
<td>1</td>
<td>Poor</td>
<td>No Star</td>
</tr>
<tr>
<td>2</td>
<td>Fair</td>
<td>No Star</td>
</tr>
<tr>
<td>3</td>
<td>Good</td>
<td>No Star</td>
</tr>
<tr>
<td>4</td>
<td>Very Good</td>
<td>Star</td>
</tr>
<tr>
<td>5</td>
<td>Excellent</td>
<td>Star</td>
</tr>
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**Evaluating data quality**

Quality relates to the data’s “fitness for purpose”. Users can make different assessments about the data quality of the same data, depending on their “purpose” or the way they plan to use the data.

The following questions may help you evaluate data quality for your requirements. This list is not exhaustive. Generate your own questions to assess data quality according to your specific needs and environment.

- What was the primary purpose or aim for collecting the data?
- How well does the coverage (and exclusions) match your needs?
- How useful are these data at small levels of geography?
- Does the population presented by the data match your needs?
- To what extent does the method of data collection seem appropriate for the information being gathered?
- Have standard classifications (e.g., industry or occupation classifications) been used in the collection of the data? If not, why?
  - Does this affect the ability to compare or bring together data from different sources?
- Have rates and percentages been calculated consistently throughout the data?
- Is there a time difference between your reference period, and the reference period of the data?
- What is the gap of time between the reference period (when the data were collected) and the release date of the data?
- Will there be subsequent surveys or data collection exercises for this topic?
- Are there likely to be updates or revisions to the data after official release?