

Soils data – information sheet

This information sheet has been prepared to accompany the digital soils and land resource data sets which have been prepared for the Queensland Government open data portal (www.data.qld.gov.au) and the Queensland Globe (www.data.qld.gov.au/maps-geospatial/qld-globe). The table below outlines the attribute fields and their definitions. This information is also outlined in the metadata.

Attribute fields

Field name	Definition
Project code	Abbreviated name of the survey from which raw data was sourced. Refer to metadata for details.
Polygon number	Unique identifier in original project (e.g. land resource survey mapping).
Map code	The code that is published on the original map.
Map code meaning	A plain-english translation of the map code
Dominant entity type	An entity broadly describes the type of survey: The different entities are described below: <ul style="list-style-type: none"> ➤ Land Resource Area (LRA): An area of land with certain geological and landform characteristics with a recurring pattern of soils and vegetation. ➤ Land System (LS): Recurring patterns of geology, topography, soil and vegetation. ➤ Land Unit (LU): Distinctive landscape position and a characteristic soil–vegetation association ➤ Miscellaneous survey code (MIS): Mapped units not related to the study e.g. urban area, water bodies etc ➤ Soil Profile Class (SPC): Similar soil profiles that are grouped together for multiple purposes, including extrapolation of attributes and communication. ➤ Soil Type (ST): A soil mapped as part of a particular project.
Dominant entity code	The unique code for the dominant entity of the polygon.
Dominant entity meaning	A description of the dominant entity code.
Dominant entity percentage	The percentage of the polygon that the dominant entity covers.
Subdominant entities	The other entities (as described by their codes) that may occupy a polygon and the percentages of the polygon that they cover.
SPC generic group	For SPC entity types only – this generic group provides a brief description of the soil and a Soil Order based on the Australian Soil Classification system
Concept description	A general description of an entity (for SPC and LS entities only).
Agricultural Land Class code	Agricultural land class code.
Agricultural Land Class meaning	A description of the agricultural land class code. These definitions may change across different projects.
Last updated	The last time the data was modified.
Suitability report PDF	The data from some soil mapping projects has been fed into a model that assesses the suitability of that piece of land for particular crops and land management practices. Not all projects have suitability models, and they are most commonly found in high-resolution mapping.
Suitability report CSV	

Further information and contacts

Reports, manuals and maps relating to soils and land resources can be viewed and downloaded through:

- the library catalogue website—www.qld.gov.au/environment/library or
- publications portal—www.publications.qld.gov.au

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