

Project: Organic Soils Mapping

Site Id: OSM004

Site Information

Easting: 396688
Northing: 5307148
Describer: R Moreton
Date: 01-October-2018

Runoff: Rapid
Permeability: Slowly permeable
Drainage: Well drained
Observation Type: Hand auger boring

Depth to Watertable (m): No free water
Depth to Substrate (m): 0.45 m
Surface Coarse Fragments: No coarse fragments

Landform Information

Landform Element (20m radius)

Element Slope Class: Gently inclined (3-10%)
Element Morph. Type: No Data
Element Type: Hillcrest
Slope: 4%
Inundation Frequency: No Data
Rainfall: 3058 mm
Erosion: No Data

Landform Pattern (300m radius)

Pattern Type: Hills
Pattern Slope Class: Moderately inclined (10-32%)
Pattern Relief Class: No Data
Relief Modal Slope: No Data
Aspect: 91 degrees
Elevation: 549 m
Mapped Geology: 250k Geology: Undifferentiated pelitic rocks and quartzite sequences, with greenschist facies metamorphism.

Soil Classification

Australian Soil Classification: Rudaceous, Folic, Fibric, **Organosol** (Definition 2)
ASC Family: Moderately thick uppermost organic materials, non-gravelly surface horizon, hemic peat surface organic materials overlying sandy textured material, shallow soil depth.
ASC Confidence: No necessary analytical or limited morphological data are available - but confidence is fair
ASC Version: 3rd Edition

Morphological Description



Horizon	Depth	Description
O2	5 - 0 cm	Dark brown (7.5YR 3/2) moist, hemic-sapric litter.
P1	0 - 35 cm	Dark brown (7.5YR 3/3) moist, fibric peat; common fine (1-2mm) roots.
2C	35 - 40 cm	Dark brown (7.5YR 3/2) moist, clayey sand; few very fine (<1mm) roots; few (2-10%), very strong, angular, dispersed quartz medium gravel (6-20mm).
R	40 - 41 cm	

Morphological Notes: Nil.

Vegetation Notes:

TASVEG code: MBW - Western buttongrass moorland.

Vegetation description: *Gymnoschoenus sphaerocephalus*, *Sprengelia incarnata*, *Leptospemum nitidum*, *Agastachys odorata*, *Melaleuca squamea*, *Banksia marginata*

Site Notes:

Location: Mt McCall

Site and Observation Notes: Hillcrest



Shrubs and buttongrass tussocks similar height and shrubs not more common than the monocots- consistent with this vegetation mapping unit.