

Project: Organic Soils Mapping

Site Id: OSM006

Site Information

Easting: 383045
Northing: 5290963
Describer: R Moreton
Date: 01-October-2018

Runoff: Very slow
Permeability: Very slowly permeable
Drainage: Very poorly drained
Observation Type: Hand Auger boring

Depth to Watertable (m): 0.20 m
Depth to Substrate (m): 0.38 m
Surface Coarse Fragments: No coarse fragments

Landform Information

Landform Element (20m radius)

Element Slope Class: Very gently inclined (1-3%)
Element Morph. Type: No Data
Element Type: Hillcrest
Slope: 2 %
Inundation Frequency: No Data
Rainfall: 2571 mm
Erosion: No Data

Landform Pattern (300m radius)

Pattern Type: Low hills
Pattern Slope Class: Moderately inclined (10-32%)
Pattern Relief Class: No Data
Relief Modal Slope: No Data
Aspect: 108 degree
Elevation: 123 m
Mapped Geology: 250k Geology: Dominantly non-marine sequences of gravel, sand, silt, clay and regolith.

Soil Classification

Australian Soil Classification: Terric, Basic, Sapric, **Organosol** (Definition 2)
ASC Family: Ashy, moderately thick uppermost organic materials, non-gravelly surface horizon, clayey 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
P21	0 – 20 cm	Ashy Brown (7.5YR 4/2) moist, clayey peat; common fine (1-2mm) roots.
P22	20 - 38 cm	Brown (7.5YR 5/2) moist, clayey peat; few very fine (<1mm) roots.
2C/R	38 - 45 cm	Brown (7.5YR 5/2) moist, loamy sand; few very fine (<1mm) roots; few (2-10%), very strong, subrounded, dispersed quartz medium gravel (6-20mm).

Morphological Notes: Nil.

Vegetation Notes:

TASVEG code: MBS - Buttongrass moorland with emergent shrubs.

Vegetation description: *Gymnoschoenus sphaerocephalus*

Site Notes:

Location: Sth Birches

Site and Observation Notes: Tea tree/Buttongrass plain



This site has been burnt but it was obvious that the shrubs were important in previous vegetation- with buttongrass either similar size or smaller than shrubs.