

Project: Organic Soils Mapping

Site Id: OSM003

Site Information

Easting: 413681
Northing: 5321523
Describer: R Moreton
Date: 01-October-2018

Runoff: Nil
Permeability: Very slow
Drainage: Very poor
Observation Type: Hand Auger boring

Depth to Watertable (m): 0.30
Depth to Substrate (m): No Data
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: Plain
Slope: 2 %
Inundation Frequency: No Data
Rainfall: 2590 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: 165 degrees
Elevation: 381 m
Mapped Geology: 25k Geology: Stream alluvium, swamp and marsh deposits.

Soil Classification

Australian Soil Classification: Modic, Acidic, Sapric, **Organosol** (Definition 1)
ASC Family: Thick uppermost organic materials, non-gravelly, fibric peat surface organic materials, overlying silty textured material, deep 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
P1	0 – 8 cm	Very dark grey (7.5YR 3/1) moist, fibric peat; few fine (1-2mm) roots.
P21	8 - 48 cm	Brown (7.5YR 5/2) moist, sandy peat; common fine (1-2mm) roots.
P21b	48 - 88 cm	Dark grey (7.5YR 4/1) moist, sandy peat.
P22b	88 - 150 cm	Brown (7.5YR 4/2) moist, clayey peat.

Morphological Notes: Nil.

Vegetation Notes:

TASVEG code: MBP - Pure buttongrass moorland.

Vegetation description: *Gymnoschoenus sphaerocephalus*

Site Notes:

Location: Adelaide River

Site and Observation Notes: Buttongrass Plain



There are a few shrubs on the plain but they are not widely scattered and buttongrass makes up more than 75% of the community cover, so it is consistent with vegetation mapping unit MBP.