

Wealth from Water Site Information Sheet

WfW 0151

Site Information

Easting: 465341
 Northing: 5392963 AMG zone: 55
 Date Description: 10/03/11
 Elevation (m): 262
 Aspect (degrees): 45

Rainfall: 1034
 Runoff: No runoff
 Drainage: Poorly drained
 Permeability: Very Slow

WfW0151

0-5



5-21



21-40



40-55



55-76



76-95



95-119



119-138



Soil Description

P11	0 - 0.21 m	(/-Moist); Sandy peat; Strong grade of structure, 5-10 mm, Angular blocky; Clear change to -
P12	0.21 - 0.4 m	Black (10YR2/1-Moist); Mottles, 0-2%, 0-5mm, Faint; Silty clay loam; Strong grade of structure, 10-20 mm, Angular blocky; Clear change to -
A3	0.4 - 0.55 m	Very dark grey (2.5Y3/1-Moist); Mottles, 2-10%, 5-15mm, Distinct; Fine sandy light clay; Weak grade of structure, 2-5 mm, Polyhedral; Abrupt
B1	0.55 - 0.76 m	Grey (5Y5/1-Moist); Mottles, 2-10%, 5-15mm, Prominent; Light clay; Massive grade of structure; Abrupt
B2	0.76 - 1.19 m	Yellowish brown (10YR5/6-Moist); Mottles, 0-2%, 15-30mm, Distinct, 2.5R3/6; Sandy light clay; Massive grade of structure; 2-10%, fine gravelly, 2-6mm, dispersed, coarse fragments; Gradual change to -
B3	1.19 - 1.38 m	Dark yellowish brown (10YR4/6-Moist); Substrate influence, 0-2%, 5-15mm, Faint; Clayey sand; Massive grade of structure; 2-10%, fine gravelly, 2-6mm, dispersed, coarse fragments; Few (2 - 10 %), Ferromanganiferous, Veins, Medium (2 -6 mm)

Land Form Pattern (300m radius from site)

Rel/Slope Class: Level plain <9m <1%

Stoniness

No surface coarse fragments

Land Form Element (20m radius from site)

Slope Class: Level
 Elem. Type: Drainage depression
 Morph. Type: Flat

Geology

Observed: No Data
 Mapped: Quaternary Alluvium

Soil Classification

Australian Soil Classification: Brown Organosol
 ASC Confidence: No analytical data and little or no knowledge of this soil.

Notes

Site: Innundation Frequency is > once per year, Duration of Innundation approx <1 day
 General: Profile Note: B1 has soapy clay subsoil textures and is subplastic -could indicate sodicity need ESP% measurement to confirm this soil as a Sodosol.