

Wealth from Water Site Information Sheet

WfW 0742

Site Information

Easting: 453841
Northing: 5399092 AMG zone: 55
Date Description: 08/02/12
Elevation (m): 265
Aspect (degrees): 180

Rainfall: 1097
Runoff: Very slow
Drainage: Poorly drained
Permeability: Slow

		<u>Soil Description</u>	
WfW0742V		101	0 - 0.12 m (N2/0-Moist); Mottles, 2-10%, 0-5mm, Distinct; Clay loam; Strong grade of structure, 5-10 mm, Angular blocky; Clear change to -
0-5		102	0.12 - 0.32 m (N2/0-Moist); Mottles, 2-10%, 0-5mm, Distinct; Clay loam; Strong grade of structure, 5-10 mm, Angular blocky; Gradual change to -
5-12		1B2	0.32 - 0.52 m Black (10YR2/1-Moist); Mottles, 2-10%, 0-5mm, Distinct; Light clay; Strong grade of structure, 10-20 mm, Angular blocky; Gradual change to -
12-32		1B3	0.52 - 0.77 m Very dark greyish brown (2.5Y3/2-Moist); Substrate influence, 2-10%, 0-5mm, Distinct; Light clay; Massive grade of structure; 2-10%, fine gravelly, 2-6mm, subrounded, dispersed, coarse fragments; Clear
32-52		2C1	0.77 - 0.97 m Dark grey (2.5Y4/1-Moist); Mottles, 2-10%, 5-15mm, Distinct; Sandy loam; Massive grade of structure; 20-50%, fine gravelly, 2-6mm, subrounded, dispersed, coarse fragments; Clear change to -
52-77		2C2	0.97 - 1.1 m Very dark greyish brown (2.5Y3/2-Moist); Mottles, 2-10%, 5-15mm, Distinct; Light clay; Massive grade of structure; Gradual change to -
77-97		3B2	1.1 - 1.4 m Very dark greyish brown (10YR3/2-Moist); Light clay; Massive grade of structure;
97-110			
110-140			

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: Plain
Morph. Type: Flat

Geology

Observed: Qa
Mapped: Quaternary Alluvium

Soil Classification

Australian Soil Classification: Redoxic Hydrosol

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 1-20 days, Depth of Innundation approx <50mm

General: Profile Note: Drained shallow peat profile, evidence of flood deposit "high energy" environment resulting in a lithological discontinuity at 77cm then resuming a clay dominated profile similar to overlying 1B2 horizon