









Wealth from Water Site Information Sheet

WfW 0757

Site Information

Easting: 458939
Northing: 5399572 AMG zone: 55
Date Description: 10/02/12
Elevation (m): 259
Aspect (degrees): 349

Rainfall: 1050
Runoff: Very slow
Drainage: Poorly drained
Permeability: Very Slow

		<u>Soil Description</u>	
WFW0757 0-5		01	0 - 0.14 m Black (10YR2/1-Moist); Sapric peat; Strong grade of structure, 5-10 mm;
5-14		02	0.14 - 0.43 m Dark red (10R2/5-Moist); Mottles, 2-10%, 0-5mm, Faint; Silty light clay; Strong grade of structure, 10-20 mm;
14-43		03	0.43 - 0.73 m Dark yellowish brown (10YR2/5-Moist); Mottles, 2-10%, 0-5mm, Faint; Silty light clay; Strong grade of structure, 2-5 mm;
43-73		B2	0.73 - 0.89 m Black (10YR2/1-Moist); Mottles, 2-10%, 0-5mm, Faint; Silty light clay; Massive grade of structure;
73-89		B3	0.89 - 1.13 m Dark greyish brown (2.5Y4/2-Moist); Mottles, 2-10%, 5-15mm, Faint; Light clay; Massive grade of structure;
89-113		BC	1.13 - 1.53 m Dark greyish brown (2.5Y4/2-Moist); Mottles, 2-10%, 5-15mm, Distinct; Light clay; Massive grade of structure; Few (2 - 10 %), Ferromanganiferous, Nodules, Medium (2 -6 mm) segregations;
113-133			
133-153			

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: Terrace plain
Morph. Type: Flat

Geology

Observed: Qs
Mapped: Quaternary Alluvium

Soil Classification

Australian Soil Classification: Sapric 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 1-20 days, Depth of Innundation approx <50mm
General: Profile Note: Slickensides and cracks present but organic content is so significant vertosol classification not reached in key. Therefore Organosol with vertic properties. Possibly Sodic B horizons due to soapy feel.