

Wealth from Water Site Information Sheet

WfW 0777

Site Information

Easting: 457651
Northing: 5394544 AMG zone: 55
Date Description: 15/02/12
Elevation (m): 279
Aspect (degrees): 121

Rainfall: 1075
Runoff: Very slow
Drainage: Poorly drained
Permeability: Very Slow

WFW0777V
0-5



Soil Description

A1 0 - 0.25 m Very dark grey (10YR3/1-Moist); Mottles, 10-20%, 0-5mm, Faint; Clay loam; Strong grade of structure, 5-10 mm, Subangular blocky; Clear change to -

5-25



B21 0.25 - 0.43 m Dark greyish brown (10YR4/2-Moist); Mottles, 10-20%, 0-5mm, Distinct; Light clay; Strong grade of structure, 10-20 mm, Subangular blocky; Common cutans, 10-50% of ped faces or walls coated, distinct; Gradual

25-43



B22 0.43 - 0.9 m Mottles, 10-20%, 0-5mm, Distinct; Light clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Gradual change to -

43-67



B3 0.9 - 1.16 m Mottles, 10-20%, 5-15mm, Distinct; Light clay; Massive grade of structure; 2-10%, fine gravelly, 2-6mm, subrounded, dispersed, Quartz, coarse fragments; Very few (0 - 2 %), Ferromanganiferous, Soft segregations, Medium (2 -6 mm)

67-90



90-116



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: Brown Dermosol

ASC Confidence: No analytical data are available but confidence is fair.

Notes

Site: Inundation Frequency is > once per year, Duration of Inundation approx 1-20 days, Depth of Inundation approx 50-100mm

General: Profile Note: Nice, structured, dark brown alluvial soil - prone to wetness in winter due to slowly permeable clay B horizons