







Wealth from Water Site Information Sheet

WfW 0804

Site Information

Easting: 457420
Northing: 5392600 AMG zone: 55
Date Description: 21/02/12
Elevation (m): 295
Aspect (degrees): 45

Rainfall: 1086
Runoff: Slow
Drainage: Imperfectly drained
Permeability: Moderate

		<u>Soil Description</u>		
WfW 0804 0-5		A1	0 - 0.12 m	Dark brown (7.5YR3/2-Moist); Mottles, 10-20%, 0-5mm, Distinct; Clay loam; Moderate grade of structure, 2-5 mm, Polyhedral; Very few (0 - 2 %), Ferromanganiferous, Nodules, segregations; Clear change to -
5-12		A3	0.12 - 0.3 m	Dark brown (7.5YR3/2-Moist); Mottles, 0-2%, 0-5mm, Distinct; Clay loam; Strong grade of structure, 5-10 mm, Subangular blocky; Common (10 - 20 %), Ferromanganiferous, Nodules, segregations; Clear change to -
12-30		B2	0.3 - 0.51 m	Dark yellowish brown (10YR4/6-Moist); Mottles, 2-10%, 0-5mm, Distinct; Light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Common (10 - 20 %), Ferromanganiferous, Nodules, segregations; Gradual change to -
30-51		B31	0.51 - 0.69 m	Dark greyish brown (10YR4/2-Moist); Mottles, 2-10%, 5-15mm, Distinct; Light clay; Moderate grade of structure, 10-20 mm, Angular blocky; Very few (0 - 2 %), Ferruginous, Nodules, segregations; Clear change
51-69		B32	0.69 - 0.99 m	Greyish brown (2.5Y5/3-Moist); Mottles, 10-20%, 5-15mm, Distinct; Light clay; Massive grade of structure;
69-99				

Land Form Pattern (300m radius from site)

Rel/Slope Class: Gently undulating plains <9m 1-3%

Stoniness

No surface coarse fragments

Land Form Element (20m radius from site)

Slope Class: Very gently sloped
Elem. Type: Terrace flat
Morph. Type: Flat

Geology

Observed: Q1a
Mapped: Quaternary Alluvium

Soil Classification

Australian Soil Classification: Brown Dermosol

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 300mm-1m

General: Profile Note: Well structured, prone to wetness from flooding