







Wealth from Water Site Information Sheet

WfW 0193

Site Information

Easting: 476951
 Northing: 5404933 AMG zone: 55
 Date Description: 07/04/11
 Elevation (m): 213
 Aspect (degrees): 180

Rainfall: 987
 Runoff: Slow
 Drainage: Imperfectly drained
 Permeability: Slow

		<u>Soil Description</u>	
WfW0193 0-5		A1 0 - 0.24 m	Very dark brown (10YR2/2-Moist); Fine sandy clay loam; Strong grade of structure, 5-10 mm, Subangular blocky; Very few (0 - 2 %), Ferromanganiferous, Nodules, Fine (0 - 2 mm) segregations; Clear change to
5-24		B11 0.24 - 0.5 m	Dark brown (10YR3/3-Moist); 0-2%, 0-5mm, Faint; Fine sandy loam; Moderate grade of structure, 5-10 mm, Subangular blocky; Very few (0 - 2 %), Ferromanganiferous, Nodules, Fine (0 - 2 mm) segregations; Gradual change to -
24-50		B21 0.5 - 0.77 m	Very dark greyish brown (2.5Y3/2-Moist); 0-2%, 0-5mm, Faint; Fine sandy clay loam; Moderate grade of structure, 10-20 mm, Subangular blocky; Very few (0 - 2 %), Ferromanganiferous, Nodules, Fine (0 - 2 mm) segregations; Gradual change
50-77		B22 0.77 - 1.01 m	Dark greyish brown (2.5Y4/2-Moist); 2-10%, 5-15mm, Distinct; Fine sandy clay loam; Moderate grade of structure, 20-50 mm, Subangular blocky; Few (2 - 10 %), Ferromanganiferous, Nodules, Medium (2 -6 mm) segregations; Gradual
77-101		B23 1.01 - 1.19 m	Dark greyish brown (2.5Y4/2-Moist); 2-10%, 5-15mm, Distinct; Fine sandy light clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Few (2 - 10 %), Ferromanganiferous, Nodules, Medium (2 -6 mm) segregations; Gradual change to -
101-119		B3 1.19 - 1.4 m	Dark greyish brown (2.5Y4/2-Moist); 10-20%, 15-30mm, Distinct; Fine sandy light clay; Massive grade of structure; Few (2 - 10 %), Ferromanganiferous, Nodules, Medium (2 -6 mm) segregations; Abrupt
119-140		BC 1.4 - 1.54 m	Dark yellowish brown (10YR4/4-Moist); 10-20%, 15-30mm, Distinct; Light clay; Massive grade of structure; Common (10 - 20 %), Ferromanganiferous, Nodules, Medium (2 -6 mm) segregations;
140-154			

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: Level
 Elem. Type: Channel bench
 Morph. Type: Flat

Geology

Observed: No Data
 Mapped: Quaternary Alluvium

Soil Classification

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

Notes

Site: Innundation Frequency is approx once in 1-10 years, Duration of Innundation approx 1-20 days, Depth of Innundation approx 50-100mm
 General: Profile Note: BC horizon has a soapy (sodic?) feel.