

Wealth from Water Site Information Sheet

WfW 0381

Site Information

Easting: 537050
 Northing: 5321870 AMG zone: 55
 Date Description: 01/12/11
 Elevation (m): 361
 Aspect (degrees): 90

Rainfall: 563
 Runoff: Slow
 Drainage: Imperfectly drained
 Permeability: Slow

WfW 0381V		<u>Soil Description</u>	
0-5		XA1	0 - 0.14 m Very dark grey (10YR3/1-Moist); Silty clay loam; Strong grade of structure, 2-5 mm, Subangular blocky; 0-2%, fine gravelly, 2-6mm, subrounded, dispersed, Quartz, coarse fragments; Abrupt change to -
5-14		2A1	0.14 - 0.44 m Black (10YR2/1-Moist); Light medium clay; Strong grade of structure, 10-20 mm, Angular blocky; 0-2%, fine gravelly, 2-6mm, subrounded, dispersed, Quartz, coarse fragments; Few cutans, <10% of ped faces or walls coated, distinct; Gradual change
14-44		2B1	0.44 - 0.65 m Dark greyish brown (10YR4/2-Moist); Biological mixing, 2-10%, 5-15mm, Distinct; Light clay; Massive grade of structure; Clear change to -
44-65		2B21	0.65 - 0.94 m Greyish brown (10YR5/2-Moist); Mottles, 0-2%, 5-15mm, Faint; Light clay; Massive grade of structure; Gradual change to -
65-94		2B22	0.94 - 1.13 m Dark greenish grey (5GY4/1-Moist); Mottles, 0-2%, 5-15mm, Faint; Sandy light clay; Massive grade of structure; Clear change to -
94-113		2BC	1.13 - 1.43 m Mottles, 10-20%, 15-30mm, Distinct; Clay loam; Massive grade of structure; 2-10%, coarse gravelly, 20-60mm, subrounded, dispersed, Mudstone, coarse fragments;
113-143			

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 plain
 Morph. Type: Flat

Geology

Observed: Ts
 Mapped: Triassic Sandstone

Soil Classification

Australian Soil Classification: Epicalcareous-Endohypersodic Massive Black Vertosol
 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
 General: Profile Note: Buried vertosol with sodic (soapy) B horizon textures, Matrix colour for 2B22 horizon is Gley 1 10Y4/1