

Wealth from Water Site Information Sheet

WfW 0233

Site Information

Easting: 471135
 Northing: 5401459 AMG zone: 55
 Date Description: 19/09/11
 Elevation (m): 279
 Aspect (degrees): 270

Rainfall: 1034
 Runoff: Rapid
 Drainage: Imperfectly drained
 Permeability: High

		<u>Soil Description</u>	
WfW 0233		1A1	0 - 0.16 m Dark brown (7.5YR3/2-Moist); Mechanical, 0-2%, 0-5mm, Distinct; Clay loam; Moderate grade of structure, 5-10 mm, Subangular blocky; Moderate grade of structure, 2-5 mm, Subangular blocky; 2-10%, medium gravelly, 6-20mm, subangular, dispersed, coarse
0-5		1B1	0.16 - 0.29 m Dark brown (7.5YR3/3-Moist); Substrate influence, 2-10%, 5-15mm, Distinct; Clay loam; Moderate grade of structure, 10-20 mm, Subangular blocky; 2-10%, medium gravelly, 6-20mm, subangular, dispersed, coarse fragments; Gradual change to -
5-16		1B2	0.29 - 0.71 m Dark brown (7.5YR3/3-Moist); Substrate influence, 0-2%, 5-15mm, Distinct; Clay loam; Moderate grade of structure, 10-20 mm, Subangular blocky; 0-2%, medium gravelly, 6-20mm, subangular, dispersed, coarse fragments; Very few (0 - 2 %), Ferromanganiferous, Nodules, Fine (0 - 2 mm) segregations; Gradual change to -
16-29		2A1	0.71 - 0.84 m Dark olive (5Y3/3-Moist); Clay loam; Moderate grade of structure, 5-10 mm, Subangular blocky; 0-2%, medium gravelly, 6-20mm, subangular, dispersed, coarse fragments; Abrupt change to -
29-47		C	0.84 - 1.05 m Light yellowish brown (2.5Y6/4-Moist); Substrate influence, 10-20%, 15-30mm, Distinct; Clay loam; Massive grade of structure; 20-50%, bouldery, 600mm-2m, subangular, stratified, coarse fragments; Few (2 - 10 %), Ferromanganiferous, Nodules, Medium (2 -6 mm) segregations; Abrupt change to -
47-70			
70-84			
84-105			

Land Form Pattern (300m radius from site)

Rel/Slope Class: Steep hills 90-300m 32-56%

Stoniness

10-20%, cobbly, 60-200mm, ,

Land Form Element (20m radius from site)

Slope Class: Steep
 Elem. Type: Bench
 Morph. Type: Mid-slope

Geology

Observed: No Data
 Mapped: Tertiary Basalt

Soil Classification

Australian Soil Classification: Class Undetermined Mesotrophic Brown Ferrosol Medium Non-gravelly Clay-loamy Clay-loamy Moderately deep

ASC Confidence: No analytical data and little or no knowledge of this soil.

Notes

Site: No Inundation
 General: Profile Note: Most likely a slump deposit. It took many shallow cores to obtain a profile - minimal horizonation.