

Wealth from Water Site Information Sheet

WfW 0390

Site Information

Easting: 540396
 Northing: 5311812 AMG zone: 55
 Date Description: 05/12/11
 Elevation (m): 456
 Aspect (degrees): 64

Rainfall: 614
 Runoff: Rapid
 Drainage: Imperfectly drained
 Permeability: Slow

WF0390V		<u>Soil Description</u>	
0-5		A1	0 - 0.2 m Black (10YR2/1-Moist); Clay loam; Strong grade of structure, 2-5 mm, Subangular blocky; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Gradual
5-20		A3	0.2 - 0.36 m Very dark grey (10YR3/1-Moist); Mechanical, 10-20%, 30-mm, Distinct; Clay loam; Strong grade of structure, 5-10 mm, Subangular blocky; 0-2%, medium gravelly, 6-20mm, subangular, dispersed, coarse fragments; Abrupt change to -
20-36		B1	0.36 - 0.66 m Dark grey (10YR4/1-Moist); Mottles, 2-10%, 5-15mm, Distinct; Light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; 0-2%, medium gravelly, 6-20mm, subangular, dispersed, coarse fragments; Gradual change to -
36-66		B2	0.66 - 0.9 m Dark grey (2.5Y4/1-Moist); Mottles, 2-10%, 5-15mm, Distinct; Light clay; Moderate grade of structure, 20-50 mm, Subangular blocky; 0-2%, fine gravelly, 2-6mm, angular, dispersed, coarse fragments; Gradual change to -
66-90		B3	0.9 - 1.03 m Dark grey (10YR4/1-Moist); 10-20%, 15-30mm, Distinct; Light medium clay; Massive grade of structure; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, coarse fragments; Clear change to -
90-103			
103-128		BC	1.03 - 1.53 m Dark greyish brown (2.5Y4/2-Moist); Substrate influence, 10-20%, 15-30mm, Distinct; Fine sandy light clay; Massive grade of structure; 10-20%, medium gravelly, 6-20mm, subangular, dispersed, coarse
128-153			

Land Form Pattern (300m radius from site)

Rel/Slope Class: Rolling low hills 30-90m 10-32%

Stoniness

2-10%, bouldery, 600mm-2m, .

Land Form Element (20m radius from site)

Slope Class: Gently inclined
 Elem. Type: Hillslope
 Morph. Type: Lower-slope

Geology

Observed: SA
 Mapped: Triassic Sandstone

Soil Classification

Australian Soil Classification: Sodic Class Undetermined Black Dermosol
 ASC Confidence: No analytical data and little or no knowledge of this soil. |

Notes

Site: No Inundation
 General: Profile Note: Very Sodic (soapy) feel to B horizons