

Wealth from Water Site Information Sheet

WfW 0733

Site Information

Easting: 453204
 Northing: 5397695 AMG zone: 55
 Date Description: 02/02/12
 Elevation (m): 371
 Aspect (degrees): 207

Rainfall: 1170
 Runoff: Slow
 Drainage: Well drained
 Permeability: Moderate

		<u>Soil Description</u>	
WfW0733 0-5		A1	0 - 0.15 m Dark reddish brown (2.5YR3/3-Moist); Clay loam; Strong grade of structure, 5-10 mm, Subangular blocky; 0-2%, fine gravelly, 2-6mm, subrounded, dispersed, Basalt, coarse fragments; Gradual change to -
5-15		B1	0.15 - 0.35 m Dark reddish brown (2.5YR2/4-Moist); Substrate influence, 0-2%, 0-5mm, Distinct; Clay loam; Strong grade of structure, 10-20 mm, Subangular blocky; 2-10%, medium gravelly, 6-20mm, subrounded, dispersed, Basalt, coarse fragments; Clear
15-35		B21	0.35 - 0.56 m Dark reddish brown (2.5YR2/4-Moist); Substrate influence, 2-10%, 5-15mm, Distinct; Clay loam; Moderate grade of structure, 20-50 mm, Subangular blocky; 2-10%, medium gravelly, 6-20mm, subrounded, dispersed, Basalt, coarse fragments; Clear
35-56		B22	0.56 - 0.8 m Dark reddish brown (2.5YR2/4-Moist); Substrate influence, 10-20%, 15-30mm, Distinct; Light clay; Moderate grade of structure, 20-50 mm, Subangular blocky; 2-10%, medium gravelly, 6-20mm, subrounded, dispersed, Basalt, coarse fragments; Few (2 - 10 %), Manganiferous, Nodules, Medium (2 -6
56-80		B31	0.8 - 1.12 m Dark red (2.5YR3/6-Moist); Substrate influence, 10-20%, 15-30mm, Distinct; Light clay; Weak grade of structure, 20-50 mm, Subangular blocky; 2-10%, coarse gravelly, 20-60mm, subrounded, dispersed, Basalt, coarse fragments; Few (2 - 10 %), Manganiferous, Nodules, Medium (2 -6 mm) segregations; Gradual change to
80-112		B31	1.12 - 1.22 m Red (2.5YR4/6-Moist); Substrate influence, 2-10%, 30-mm, Faint; Light clay; Massive grade of structure; 0-2%, coarse gravelly, 20-60mm, subrounded, dispersed, Basalt, coarse fragments; Few (2 - 10 %), Manganiferous, Nodules, Medium (2 -6 mm) segregations; Gradual change to
112-122		B32	1.22 - 1.38 m Strong brown (7.5YR4/6-Moist); Substrate influence, 2-10%, 30-mm, Faint; Light clay; Massive grade of structure; 0-2%, coarse gravelly, 20-60mm, subrounded, dispersed, Basalt, coarse fragments; Few (2 - 10 %), Manganiferous, Nodules, Medium (2 -6 mm) segregations;
122-138			

Land Form Pattern (300m radius from site)

Rel/Slope Class: Undulating hills 90-300m 3-10%

Stoniness

2-10%, cobbly, 60-200mm, ,

Land Form Element (20m radius from site)

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

Geology

Observed: No Data
 Mapped: Tertiary Basalt

Soil Classification

Australian Soil Classification: Class Undetermined Class Undetermined Red Ferrosol Medium Non-gravelly Clay-loamy Clayey Deep
 ASC Confidence: No analytical data are available but confidence is fair.

Notes

Site: No Inundation
 General: Profile Note: Red basaltic soil