

Wealth from Water Site Information Sheet

WfW 0875

Site Information

Easting: 464381
 Northing: 5408189 AMG zone: 55
 Date Description: 30/04/12
 Elevation (m): 231
 Aspect (degrees): 72

Rainfall: 994
 Runoff: Rapid
 Drainage: Imperfectly drained
 Permeability: Slow



Soil Description

Soil Profile	Depth (m)	Description
A1	0 - 0.16 m	Dark brown (7.5YR3/3-Moist); Clay loam; Moderate grade of structure, 5-10 mm, Subangular blocky; 2-10%, medium gravelly, 6-20mm, subrounded, dispersed, Basalt, coarse fragments; Clear change to -
B1	0.16 - 0.37 m	Strong brown (7.5YR4/6-Moist); Biological mixing, 2-10%, 5-15mm, Distinct; Clay loam; Massive grade of structure; 2-10%, medium gravelly, 6-20mm, subrounded, dispersed, Basalt, coarse fragments; Gradual
B21	0.37 - 0.6 m	Dark yellowish brown (10YR4/6-Moist); Mottles, 2-10%, 5-15mm, Distinct; Light medium clay; Massive grade of structure; 2-10%, medium gravelly, 6-20mm, subrounded, dispersed, Basalt, coarse fragments; Common (10 - 20 %), Ferromanganiferous, Nodules, Medium (2 -6 mm) segregations; Gradual change to -
B31	0.6 - 0.87 m	Greyish brown (2.5Y5/3-Moist); Mottles, 2-10%, 5-15mm, Distinct; Light clay; Massive grade of structure; 2-10%, coarse gravelly, 20-60mm, subrounded, dispersed, Basalt, coarse fragments; Common (10 - 20 %), Ferromanganiferous, Nodules, Medium (2 -6 mm) segregations; Gradual change to -
B32	0.87 - 1.17 m	Strong brown (7.5YR5/8-Moist); Mottles, 10-20%, 15-30mm, Prominent; Light clay; Massive grade of structure; 2-10%, medium gravelly, 6-20mm, subrounded, dispersed, Basalt, coarse fragments; Common (10 - 20 %), Ferromanganiferous, Nodules, Medium (2 -6 mm) segregations; Clear change to -
BC1	1.17 - 1.4 m	Yellowish brown (10YR5/4-Moist); Substrate influence, 10-20%, 15-30mm, Prominent; Clay loam; Massive grade of structure; 2-10%, coarse gravelly, 20-60mm, subrounded, dispersed, Basalt, coarse fragments; Common (10 - 20 %), Ferromanganiferous, Nodules, Medium (2 -6 mm) segregations; Gradual
BC2	1.4 - 1.53 m	Yellowish brown (10YR5/4-Moist); Substrate influence, 10-20%, 15-30mm, Prominent; Clay loam; Massive grade of structure;

Land Form Pattern (300m radius from site)

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

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: Tb
 Mapped: Tertiary Basalt

Soil Classification

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

Notes

Site: No Inundation
 General: Profile Note: Shallow basalt soil over reddy brown clays containing weathered basalt and ferro manganiferous