








Wealth from Water Site Information Sheet

WfW 0050

Site Information

Easting: 489581
 Northing: 5406463 AMG zone: 55
 Date Description: 03/02/11
 Elevation (m): 169
 Aspect (degrees): None (Flat)

Rainfall (mm/yr): 804
 Runoff: Slow
 Drainage: Imperfectly drained
 Permeability: Moderate

| | | <u>Soil Description</u> | |
|----------------|---|-------------------------|--|
| WfW0050 0-5 |  | A1P 0 - 0.21 m | Dark brown (7.5YR3/2-Moist); Clay loam; Moderate grade of structure, 5-10 mm; Few (2 - 10 %), Ferromanganiferous, , Medium (2 -6 mm) segregations; , Uncemented; Abrupt change to - |
| 5-21 |  | B1 0.21 - 0.5 m | Reddish brown (5YR4/3-Moist); Clay loam; Moderate grade of structure, 2-5 mm; Few (2 - 10 %), Ferromanganiferous, , Medium (2 -6 mm) segregations; , Uncemented; Clear change to - |
| 21-50 |  | B21 0.5 - 0.7 m | Reddish brown (5YR4/3-Moist); Clay loam; Weak grade of structure, 2-5 mm; Common (10 - 20 %), Ferromanganiferous, , Medium (2 -6 mm) segregations; , Uncemented; Gradual change to - |
| 50-70 |  | B22 0.7 - 0.94 m | Dark reddish brown (5YR3/3-Moist); Mottles, 0-2%, 5-15mm; Light clay; Massive grade of structure; Common (10 - 20 %), Ferromanganiferous, , Medium (2 -6 mm) segregations; , Uncemented; Gradual change to - |
| 70-94 |  | B31 0.94 - 1.12 m | Yellowish brown (10YR5/6-Moist); Mottles, 2-10%, 5-15mm; Light clay; Massive grade of structure; Few (2 - 10 %), Ferromanganiferous, , Medium (2 -6 mm) segregations; , Uncemented; Clear change to - |
| 94-112 |  | BC 1.12 - 1.35 m | Dark greyish brown (10YR4/2-Moist); Substrate influence, 2-10%, 15-30mm; Light clay; Massive grade of structure; Very few (0 - 2 %), Ferromanganiferous, , Coarse (6 - 20 mm) segregations; , Uncemented; |
| 112-140 |  | | |

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: Level
 Elem. Type: Terrace plain
 Morph. Type: Flat

Geology

Observed: No Data
 Mapped: Tertiary Sediments

Soil Classification

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

Notes

Site: No Inundation
 General: Profile Note: Possibly sodic subsoil - soapy feel.- very soapy textures in BC horizon.