

Site Information

Easting: 515590
Northing: 5396672
Describer: R Moreton
Date: 31-Jan-2017

Runoff: Moderately rapid
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): No Data
Surface Coarse Fragments: No surface coarse fragments

Land Form Information

Landform Element (20m radius)

Element Slope Class: Very gently sloped (1-3%)
Element Morph. Type: Crest
Element Type: Hillcrest

Landform Pattern (300m radius)

Pattern Type: Low hills
Pattern Slope Class: Very gently sloped (1-3%)
Pattern Relief Class: Very low (9-30m)
Relief Modal Slope: Gently undulating rises

Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description

| | Horizon | Depth | Description |
|------------------|---------|-------------|--|
| WFP 080 0 - 5 | A11 | 0 - 12cm | Very dark brown (10YR 2/2) moist; dark greyish brown (10YR 4/2) dry fine sandy loam; weak, 10-20mm platy structure; no mottles; non-repellent. Layer 0- 5 cm EC (dS/m) 0.122; pH 5.61; Layer 5- 12 cm EC (dS/m) 0.107; pH 5.58. |
| 5 - 12 | A12 | 12 - 24cm | Very dark greyish brown (10YR 3/2) moist; dark greyish brown (10YR 4/2) dry loamy fine sand; weak, 10-20mm platy structure; no mottles; non-repellent. Layer 12- 24 cm EC (dS/m) 0.111; pH 5.63. |
| 12 - 24 | B1 | 24 - 51cm | Very dark greyish brown (10YR 3/2) moist light clay; moderate, 20-50mm structure; few (2-10%) mottles; non-repellent. Layer 24- 51 cm EC (dS/m) 0.196; pH 5.33. |
| 24 - 51 | B21 | 51 - 77cm | Dark yellowish brown (10YR 3/4) moist light clay; massive structure; no mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 51- 77 cm EC (dS/m) 0.637; pH 5.86. |
| 51 - 77 | B22 | 77 - 107cm | Dark brown (10YR 3/3) moist light medium clay; massive structure; no mottles; non-repellent. Layer 77- 107 cm EC (dS/m) 2.37; pH 5.44. |
| 77 - 107 | B23 | 107 - 137cm | Dark greyish brown (10YR 4/2) moist light medium clay; massive structure; no mottles; non-repellent. Layer 107- 137 cm EC (dS/m) 3.15; pH 4.86. |
| 107 - 137 | B3 | 137 - 155cm | Dark greyish brown (10YR 4/2) moist light medium clay; massive structure; no mottles; non-repellent. Layer 137- 155 cm EC (dS/m) 3.15; pH 4.65. |
| 137 - 155 | | | |