

Site Information

Easting: 537383
Northing: 5308974
Describer: R Moreton
Date: 16-May-2017

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

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.24
Surface Coarse Fragments: Few (2-10%), Cobbly (60-200mm), Dolerite

Land Form Information

Landform Element (20m radius)
Element Slope Class: Gently inclined (3-10%)
Element Morph. Type: Mid-slope
Element Type: Hillslope

Landform Pattern (300m radius)
Pattern Type: Hills
Pattern Slope Class: Moderately inclined (10-32%)
Pattern Relief Class: High (90-300m)
Relief Modal Slope: Rolling hills

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

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Brown Chromosol
ASC Confidence: No analytical data are available but confidence is fair.
Soil Name:

Morphological Description

Horizon	Depth	Description
A1	0 - 16cm	Very dark greyish brown (10YR 3/2) moist fine sandy clay loam; moderate, 2-5 mm structure; no mottles; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.114; pH 5.92; Layer 5- 16cm EC (dS/m) 0.134; pH 5.73.
A21e	16 - 36cm	Brown (10YR 4/3) moist; light grey (10YR 7/2) dry loamy fine sand; single grain structure; no mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 16-36cm EC (dS/m) 0.063; pH 6.06.
A22	36 - 60cm	Dark yellowish brown (10YR 4/4) moist; brown (10YR 5/3) dry clayey fine sand; single grain structure; few (2-10%) mottles; few (2-10%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), coarse gravelly (20-60mm); non-repellent. Layer 36- 60cm EC (dS/m) 0.031; pH 6.62.
B2	60 - 82cm	Dark yellowish brown (10YR 4/6) moist fine sandy light medium clay; moderate, 20-50 mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 60- 82cm EC (dS/m) 0.184; pH 6.16.
B3	82 - 103cm	Yellowish brown (10YR 5/8) moist sandy loam; massive structure; common (10-20%) mottles; few (2-10%), coarse (6-20mm), ferromanganiferous soft segregations; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 82- 103cm EC (dS/m) 0.051; pH 6.57.
BC	103 - 124cm	Dark yellowish brown (10YR 4/6) moist sandy clay loam; massive structure; common (10-20%) mottles; few (2-10%), coarse (6-20mm), ferromanganiferous soft segregations; few (2-10%), cobbly (60-200mm); non-repellent. Layer 103- 124cm EC (dS/m) 0.037; pH 6.49.

