

Site Information

Easting: 520017
Northing: 5308678
Describer: R Moreton
Date: 21-Jun-2017

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

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.04
Surface Coarse Fragments: Very few (<2%), 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-
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 Dermosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description

Horizon	Depth	Description
A1	0 - 21cm	Very dark greyish brown (10YR 3/2) moist; brown (10YR 5/3) dry clay loam; moderate, 2-5 mm structure; no mottles; common (10-20%), medium gravelly (6-20mm); water repellent. Layer 0- 5cm EC (dS/m) 0.127; pH 5.4; Layer 5- 21cm EC (dS/m) 0.222; pH 5.15.
B2	21 - 44cm	Dark brown (10YR 3/3) moist medium clay; strong structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 21- 44cm EC (dS/m) 0.392; pH 6.49.
B31	44 - 74cm	Dark yellowish brown (10YR 4/4) moist sandy light medium clay; massive structure; common (10-20%) mottles; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 44- 74cm EC (dS/m) 0.461; pH 7.44.
B32	74 - 104cm	Dark yellowish brown (10YR 4/4) moist coarse sandy light medium clay; massive structure; common (10-20%) mottles; many (20-50%), coarse gravelly (20-60mm); non-repellent. Layer 74- 104cm EC (dS/m) 0.401; pH 8.12.
BC	104 - 154cm	Olive brown (2.5y 4/4) moist coarse sandy light clay; massive structure; common (10-20%) mottles; many (20-50%), coarse gravelly (20-60mm); non-repellent. Layer 104- 129cm EC (dS/m) 0.411; pH 8.2; Layer 129- 154cm EC (dS/m) 0.424; pH 8.03.