

Site Information

Easting: 507063
Northing: 5299973
Describer: R Moreton
Date: 14-Jun-2017

Runoff: Rapid
Permeability: Slowly permeable
Drainage: Poorly drained
Land Capability: 5
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): No Data
Surface Coarse Fragments: Few (2-10%), Stony (200-600mm), Dolerite

Land Form Information

Landform Element (20m radius)
Element Slope Class: Moderately inclined (10-32%)
Element Morph. Type: Mid-slope
Element Type: Hillslope

Landform Pattern (300m radius)
Pattern Type: Hills
Pattern Slope Class: Steep (32-56%)
Pattern Relief Class: High (90-300m)
Relief Modal Slope: Steep hills

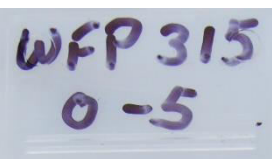

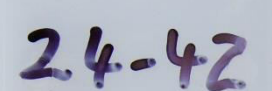




Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

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

Morphological Description

	Horizon	Depth	Description
	A11	0 - 24cm	Black (10YR 2/1) moist heavy clay loam; strong, 5-10mm structure; very few (<2%) mottles; few (<10% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 0- 5cm EC (dS/m) 0.342; pH 6.5; Layer 5- 24cm EC (dS/m) 0.172; pH 6.57.
	A12	24 - 42cm	Very dark brown (10YR 2/2) moist light clay; strong, 10-20mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; non-repellent. Layer 24- 42cm EC (dS/m) 0.094; pH 6.78.
	B2	42 - 60cm	Dark grey (10YR 4/1) moist light clay; moderate, 10-20mm structure; many (20-50%) mottles; few, distinct clay skins; few (2-10%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 42- 60cm EC (dS/m) 0.062; pH 6.89.
	B31	60 - 90cm	Dark greyish brown (10YR 4/2) moist light clay; massive structure; common (10-20%) mottles; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 60- 90cm EC (dS/m) 0.048; pH 7.07.
	B32	90 - 117cm	Brown (10YR 5/3) moist light clay; massive structure; common (10-20%) mottles; few (2-10%), coarse gravelly (20-60mm); non-repellent. Layer 90- 117cm EC (dS/m) 0.038; pH 7.1.
	B33	117 - 147cm	Greyish brown (2.5Y 5/2) moist light clay; massive structure; common (10-20%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 117- 147cm EC (dS/m) 0.043; pH 7.1.
	BC	147 - 155cm	Light grey (5Y 7/2) moist sandy light clay; massive structure; few (2-10%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 147- 155cm EC (dS/m) 0.043; pH 7.02.
