

Site Information

Easting: 540710
Northing: 5377673
Describer: R Moreton
Date: 22-Mar-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: Very few (<2%), Cobbly (60-200mm), Dolerite

Land Form Information

Landform Element (20m radius)

Element Slope Class: Very gently sloped (1-3%)
Element Morph. Type: Lower-slope
Element Type: Terrace flat

Landform Pattern (300m radius)

Pattern Type: Alluvial plain
Pattern Slope Class: Very gently sloped (1-3%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Gently undulating plain

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 and little or no knowledge of this soil.
Soil Name:

Morphological Description

	Horizon	Depth	Description
WFP060 0-5	A1	0 - 18cm	Dark brown (10YR 3/3) moist, brown (10YR 5/3) dry, silty loam; weak, 2-5mm structure; no mottles; very few (<2%), medium (2-6mm), ferruginous nodules; very few (<2%), medium gravelly (6-20mm); water repellent. Layer 0cm - 5cm EC (dS/m) 0.179; pH 5.32; Layer 5cm - 18cm EC (dS/m) 0.102; pH 5.48.
5-18	A2	18 - 37cm	Dark grey (10YR 4/1) moist, grey (10YR 6/1) dry, silty loam; massive structure; no mottles; common (10-20%), coarse (6-20mm), ferruginous nodules; moderately cemented, densipan pan; very few (<2%), medium gravelly (6-20mm); water repellent. Layer 18cm - 37cm EC (dS/m) 0.074; pH 5.89.
18-37	2B1	37 - 62cm	Very dark brown (10YR 2/2) moist, medium clay; strong, 10-20mm structure; few (2-10%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 37cm - 62cm EC (dS/m) 0.403; pH 6.31.
37-62	2B21	62 - 92cm	Dark yellowish brown (10YR 4/4) moist, medium clay; massive structure; very few (<2%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 62cm - 92cm EC (dS/m) 0.477; pH 7.63.
62-92	2B22	92 - 116cm	Dark yellowish brown (10YR 4/4) moist, medium clay; massive structure; very few (<2%) mottles; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 92cm - 116cm EC (dS/m) 0.481; pH 7.84.
92-116	2B3	116 - 146cm	Dark yellowish brown (10YR 3/4) moist, light clay; massive structure; few (2-10%) mottles; few (2-10%), cobbly (60-200mm); non-repellent. Layer 116cm - 146cm EC (dS/m) 0.496; pH 7.69.
116-146			