

Site Information

Easting: 520375
Northing: 5309976
Describer: R Moreton
Date: 20-Jun-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): 1.25
Surface Coarse Fragments: No surface coarse fragments

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: Low hills
Pattern Slope Class: Moderately inclined (10-32%)
Pattern Relief Class: Low (30-90m)
Relief Modal Slope: Rolling low hills

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 are available but confidence is fair.
Soil Name:

Morphological Description



Horizon	Depth	Description
A1	0 - 18cm	Dark brown (10YR 3/3) moist; pale brown (10YR 6/3) dry fine sandy clay loam; moderate, 5-10 mm structure; very few (<2%) mottles; water repellent. Layer 0- 5cm EC (dS/m) 0.064; pH 5.04; Layer 5- 18cm EC (dS/m) 0.073; pH 4.79.
A2e	18 - 35cm	Brown (10YR 4/3) moist; light grey (10YR 7/2) dry fine sandy loam; massive structure; very few (<2%) mottles; few (2-10%), medium (2-6mm), ferruginous nodules; uncemented, densipan pan; very few (<2%), fine gravelly (2-6mm); water repellent. Layer 18- 35cm EC (dS/m) 0.061; pH 4.97.
B2	35 - 65cm	Yellowish brown (10YR 5/6) moist light medium clay; strong, 10-20 mm structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 35- 65cm EC (dS/m) 0.348; pH 5.64.
B31	65 - 95cm	Light olive brown (2.5y 5/4) moist light clay; strong, 20-50 mm structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; common (10-20%), medium (2-6mm), manganiferous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 65- 95cm EC (dS/m) 0.553; pH 6.42.
B32	95 - 125cm	Light olive brown (2.5y 5/6) moist sandy light clay; massive structure; few (2-10%) mottles; common (10-20%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 95- 125cm EC (dS/m) 0.607; pH 7.56.
BC	125 - 155cm	Olive brown (2.5y 4/4) moist sandy light clay; massive structure; common (10-20%) mottles; non-repellent. Layer 125- 155cm EC (dS/m) 0.821; pH 7.68.