

Site Information

Easting: 512708
Northing: 5393737
Describer: R Moreton
Date: 23-Jan-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): No Data
Surface Coarse Fragments: Few (2-10%), Medium gravelly (6-20mm)

Land Form Information

Landform Element (20m radius)
Element Slope Class: Very gently sloped (1-3%)
Element Morph. Type: Upper-slope
Element Type: Riseslope

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: No Data

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 - 20cm	Very dark brown (10YR 2/2) moist; greyish brown (10YR 5/2) dry fine sandy loam; weak, 5-10 mm structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.145; pH 5.96; Layer 5- 20cm EC (dS/m) 0.135; pH 5.92.
A21	20 - 31cm	Very dark greyish brown (10YR 3/2) moist; greyish brown (10YR 5/2) dry fine sandy loam; weak, 2-5 mm structure; no mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 20- 31cm EC (dS/m) 0.126; pH 5.86.
A22	31 - 50cm	Brown (10YR 5/3) moist; light grey (10YR 7/2) dry loamy fine sand; single grain structure; no mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; many (20-50%), medium gravelly (6-20mm); non-repellent. Layer 31- 50cm EC (dS/m) 0.065; pH 6.2.
B21	50 - 110cm	Dark yellowish brown (10YR 4/6) moist light clay; massive structure; few (2-10%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 50- 80cm EC (dS/m) 0.225; pH 6.71; Layer 80- 110cm EC (dS/m) 0.195; pH 6.91.
B22	110 - 154cm	Yellowish brown (10YR 5/6) moist sandy light clay; massive structure; few (2-10%) mottles; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 110- 132cm EC (dS/m) 0.247; pH 6.95; Layer 132- 154cm EC (dS/m) 0.173; pH 6.89.