

Site Information

Easting: 515071
Northing: 5293551
Describer: Chris Grose
Date: 04-Apr-2017

Runoff: No runoff
Permeability: Very slowly permeable
Drainage: Moderately well 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: Level (<1%)
Element Morph. Type: Flat
Element Type: Plain

Landform Pattern (300m radius)
Pattern Type: 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 Sodosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description

	Horizon	Depth	Description
WFP343 0-5	A1	0 - 13cm	Dark brown (10YR 3/3) moist; brown (10YR 4/3) dry loamy fine sand; moderate, 2-5mm, moderate granular structure; no mottles; water repellent. Layer 0- 5cm EC (dS/m) 0.135; pH 5.62; Layer 5- 13cm EC (dS/m) 0.135; pH 4.99.
5-13	A2	13 - 26cm	Greyish brown (10YR 5/2) moist; pale brown (10YR 6/3) dry loamy fine sand; weak, 2-5mm, weak granular structure; no mottles; water repellent. Layer 13- 26cm EC (dS/m) 0.067; pH 5.19.
13-26	B21	26 - 72cm	Dark yellowish brown (10YR 4/4) moist sandy medium clay; strong, 20-50mm, strong angular blocky structure; few (2-10%) mottles; non-repellent. Layer 26- 49cm EC (dS/m) 0.168; pH 6.91; Layer 49- 72cm EC (dS/m) 0.244; pH 7.9.
26-49	B22	72 - 100cm	Dark yellowish brown (10YR 4/4) moist medium clay; strong structure; very few (<2%) mottles; common (10-50% of ped faces or walls coated), faint stress cutans; very few (<2%), medium gravelly (6-20mm); non-repellent. Layer 72- 100cm EC (dS/m) 0.583; pH 9.46.
49-72	B3	100 - 150cm	Yellowish brown (10YR 5/6) moist sandy clay loam; common (10-20%) mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; many (20-50%), coarse gravelly (20-60mm); non-repellent. Layer 100- 125cm EC (dS/m) 0.639; pH 8.58; Layer 125- 150cm EC (dS/m) 0.547; pH 8.92.
72-100			
100-125			
125-150			