

Site Information

Easting: 540338
Northing: 5353298
Describer: Chris Grose
Date: 30-Nov-2016

Runoff: Slow
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 5
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): No Data
Surface Coarse Fragments: No surface coarse fragments

Land Form Information

Landform Element (20m radius)

Element Slope Class: Gently inclined (3-10%)
Element Morph. Type: Upper-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 Chromosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description



Horizon	Depth	Description
A1	0 - 12cm	Very dark greyish brown (10YR 3/2) moist loamy fine sand; weak structure; no mottles. Layer 0- 5cm EC (dS/m) 0.367; pH 5.52; Layer 5- 12cm EC (dS/m) 0.222; pH 5.02.
A2	12 - 25cm	Brown (10YR 4/3) moist fine sand; single grain structure; no mottles. Layer 12- 25cm EC (dS/m) 0.104; pH 5.3.
B21	25 - 73cm	Dark yellowish brown (10YR 4/4) moist heavy clay; strong structure; few (2-10%) mottles; very few (<2%), medium (2-6mm), calcareous soft segregations; few (2-10%), fine gravelly (2-6mm). Layer 25- 49cm EC (dS/m) 0.181; pH 6.75; Layer 49- 73cm EC (dS/m) 0.245; pH 7.42.
B22	73 - 113cm	Dark yellowish brown (10YR 4/4) moist heavy clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), distinct stress cutans; few (2-10%), medium (2-6mm), calcareous soft segregations; very few (<2%), fine gravelly (2-6mm). Layer 73- 93cm EC (dS/m) 0.318; pH 7.55; Layer 93- 113cm EC (dS/m) 0.486; pH 7.61.
B3	113 - 133cm	Dark yellowish brown (10YR 4/4) moist medium clay; very few (<2%), medium (2-6mm), calcareous soft segregations; few (2-10%), medium gravelly (6-20mm). Layer 113- 133cm EC (dS/m) 0.344; pH 7.31.