

Site Information

Easting: 536230
Northing: 5350193
Describer: Chris Grose
Date: 12-Jan-2017

Runoff: Slow
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): 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: Mid-slope
Element Type: Fan

Landform Pattern (300m radius)

Pattern Type: Alluvial fan
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Undulating plain

Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Black Chromosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name:

Morphological Description



Horizon	Depth	Description
Ap	0 - 18cm	Dark brown (10YR 3/3) moist fine sandy clay loam; strong structure; no mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.208; pH 5.31; Layer 5- 18cm EC (dS/m) 0.167; pH 5.46.
B2	18 - 48cm	Very dark greyish brown (10YR 3/2) moist heavy clay; strong structure; few (2-10%) mottles; few (<10% of ped faces or walls coated), faint slicken sides; non-repellent. Layer 18- 48cm EC (dS/m) 0.424; pH 6.8.
2B2	48 - 82cm	Brown (10YR 4/3) moist medium clay; common (10-20%) mottles; very few (<2%), medium (2-6mm), calcareous soft segregations; common (10-20%), medium gravelly (6-20mm); non-repellent. Layer 48- 82cm EC (dS/m) 0.533; pH 8.3.
3B2	82 - 142cm	Dark yellowish brown (10YR 4/4) moist medium clay; massive structure; no mottles; few (2-10%), medium (2-6mm), calcareous soft segregations; very few (<2%), fine gravelly (2-6mm); non-repellent. Layer 82- 112cm EC (dS/m) 2.05; pH 8.07; Layer 112- 142cm EC (dS/m) 2.12; pH 8.1.