

Site Information

Easting: 531776
Northing: 5305037
Describer: R Moreton
Date: 13-Jun-2017

Runoff: No runoff
Permeability: Slowly permeable
Drainage: Imperfectly drained
Land Capability: 4
Observation Type: Undisturbed soil core

Depth to Watertable (m): No Data
Depth to Substrate (m): 1.1
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: Alluvial plain
Pattern Slope Class: Level (<1%)
Pattern Relief Class: Extremely low (<9m)
Relief Modal Slope: Level plain

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

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Black Vertosol
ASC Confidence: Analytical data are incomplete but reasonable confidence.
Soil Name: Canola

Morphological Description

Horizon	Depth	Description
A11	0 - 5cm	Black (10YR 2/1) moist light clay loam; strong, 5-10mm structure; very few (<2%) mottles; non-repellent. Layer 0- 5cm EC (dS/m) 0.333; pH 5.36.
A12	5 - 16cm	Very dark grey (10YR 3/1) moist heavy clay loam; strong, 10-20mm structure; many (20-50%) mottles; non-repellent. Layer 5- 16cm EC (dS/m) 0.175; pH 5.54.
B21	16 - 46cm	Black (7.5YR 2.5/1) moist light medium clay; strong, 20-50mm structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 16- 46cm EC (dS/m) 1.06; pH 6.53.
B22	46 - 69cm	Very dark grey (2.5Y 3/1) moist light medium clay; strong, 50-100mm structure; very few (<2%) mottles; common (10-50% of ped faces or walls coated), distinct slicken sides; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 46- 69cm EC (dS/m) 2.25; pH 7.28.
B3	69 - 80cm	Olive brown (2.5Y 4/4) moist light medium clay; moderate, 50-100mm structure; very few (<2%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; very few (<2%), coarse (6-20mm), calcareous nodules; non-repellent. Layer 69- 80cm EC (dS/m) 1.288; pH 7.9.
BC	80 - 100cm	Brownish yellow (10YR 6/8) moist fine sandy clay loam; moderate, 50-100mm structure; common (10-20%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; very few (<2%), coarse (6-20mm), calcareous nodules; common (10-20%), stony (200-600mm); non-repellent. Layer 80- 100cm EC (dS/m) 0.917; pH 8.18.
R	100 - 110cm	Brownish yellow (10YR 6/6) moist clayey fine sand; massive structure; non-repellent. Layer 100- 110cm EC (dS/m) 0.832; pH 8.34.

