

Site Information

Easting: 541306
Northing: 5362050
Describer: R Moreton
Date: 06-Dec-2016

Runoff: Slow
Permeability: Slowly permeable
Drainage: Poorly 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: Very gently sloped (1-3%)
Element Morph. Type: Lower-slope
Element Type: Plain

Landform Pattern (300m radius)

Pattern Type: Alluvial plain
Pattern Slope Class: Gently inclined (3-10%)
Pattern Relief Class: Very low (9-30m)
Relief Modal Slope: Undulating rises

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: No analytical data are available but confidence is fair.
Soil Name: Canola

Morphological Description

	Horizon	Depth	Description
WFP062 0-5	A1	0 - 12cm	Very dark brown (10YR 2/2) moist, clay loam; strong structure; no mottles. Layer 0cm - 5cm EC (dS/m) 0.151; pH 5.6; Layer 5cm - 12cm EC (dS/m) 0.113; pH 5.68.
5-12	B11	12 - 31cm	Very dark brown (10YR 2/2) moist, clay loam, sandy; strong structure; very few (<2%) mottles; common (10-50% of ped faces or walls coated), distinct slicken sides. Layer 12cm - 31cm EC (dS/m) 0.375; pH 6.05.
12-31	B12	31 - 57cm	Very dark grey (10YR 3/1) moist, medium clay; moderate structure; no mottles; common (10-50% of ped faces or walls coated), distinct slicken sides. Layer 31cm - 57cm EC (dS/m) 1.745; pH 6.88.
31-57	B2	57 - 93cm	Dark brown (10YR 3/3) moist, medium clay; massive structure; no mottles; few (<10% of ped faces or walls coated), faint slicken sides; few (2-10%), medium (2-6mm), calcareous concretions. Layer 57cm - 76cm EC (dS/m) 3.38; pH 7.95; Layer 76cm - 93cm EC (dS/m) 3.38; pH 8.0.
57-76			
76-93			
93-110	BC	93 - 110cm	Olive brown (2.5Y 4/4) moist, medium clay; massive structure; no mottles; few (2-10%), coarse (6-20mm), calcareous concretions; few (2-10%), medium gravelly (6-20mm). Layer 93cm - 110cm EC (dS/m) 1.712; pH 8.25.