Project: Water for Profit **Site Id:** WFP382

Site Information

Easting: 525479
Northing: 5309457
Describer: Peter Johnston
Date: 29-Apr-2016

Runoff: Very slow
Permeability: No Data
Drainage: Well drained
Land Capability: No Data
Observation Type: Soil pit

Depth to Watertable (m): No Data
Depth to Substrate (m): 0.55
Surface Coarse Fragments: Very few (<2%), Medium gravelly (6-20mm), Dolerite

Land Form information

Landform Element (20m radius)
Element Slope Class: Level (<1%)
Element Morph. Type: Flat
Element Type: Terrace plain

Landform Pattern (300m radius)
Pattern Type: No Data
Pattern Slope Class: No Data
Pattern Relief Class: No Data
Relief Modal Slope: No Data

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

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Brown Dermosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name: Tea Tree/Glen Morely SPC

Morphological Description

Horizon	Depth	Description
A1	0 - 24cm	Very dark greyish brown (10YR 3/2) moist light clay; strong, 2-5 mm, strong polyhedral structure; few (2-10%), coarse (6-20mm), ferruginous nodules.
B1c	24 - 26cm	Thin band of variable thickness of ironstone (dolerite) and sharp angular fossilised woos – land layer from erosion of underlying sandstone soil. .
B21	26 - 55cm	Black (10YR 2/1) moist heavy clay; moderate, 50-100 mm, moderate prismatic structure; many (20-50%), very coarse (>30mm), distinct olive brown (2.5y 4/4) mottles.
C	55 - 70cm	Light yellowish brown (2.5y 6/4) moist heavy clay; few (2-10%), very coarse (20-60mm), calcareous soft segregations.