

Site Information

Easting: 521464
Northing: 5390687
Describer: R Moreton
Date: 15-Feb-2017

Runoff: Moderately rapid
Permeability: Moderately permeable
Drainage: Imperfectly 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: Very gently sloped (1-3%)
Element Morph. Type: Flat
Element Type: Plain

Landform Pattern (300m radius)

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

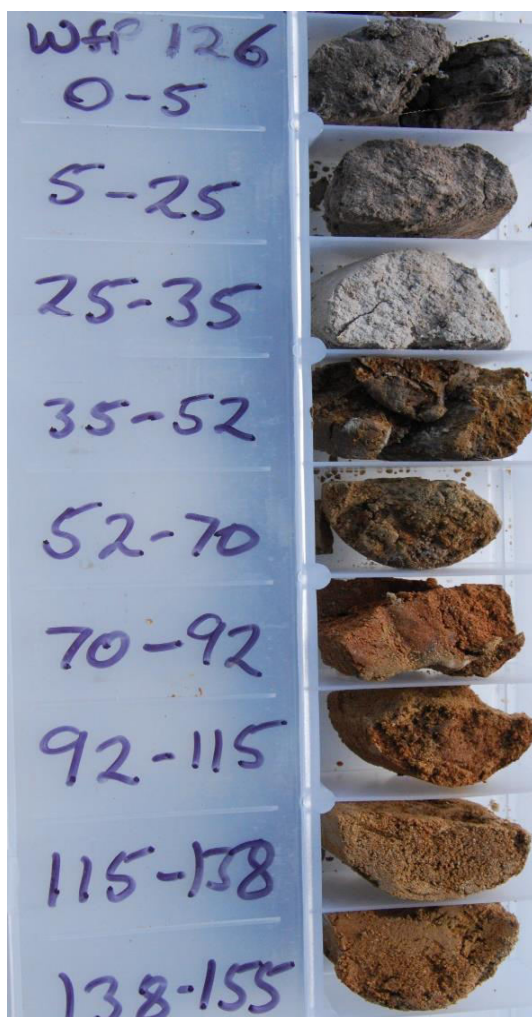
Inundation Frequency: No Data
Rainfall: No Data
Erosion: No Data

Aspect: No Data
Elevation: No Data

Soil Classification

Australian Soil Classification: Brown Sodosol
ASC Confidence: No analytical data and little or no knowledge of this soil.
Soil Name: Brumby

Morphological Description



Horizon	Depth	Description
A1	0 - 25cm	Dark brown (10YR 3/3) moist, silty clay loam; weak, 10-20 mm structure; few (2-10%) mottles; non-repellent. Layer 0cm - 5cm EC (dS/m) 0.137; pH 5.19; Layer 5cm - 25cm EC (dS/m) 0.148; pH 5.39.
A2	25 - 35cm	Brown (10YR 5/3) moist, silty loam; massive structure; few (2-10%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; weakly cemented, densipan pan; non-repellent. Layer 25cm - 35cm EC (dS/m) 0.074; pH 5.92.
B1	35 - 70cm	Dark yellowish brown (10YR 4/4) moist, light medium clay; strong, 50-100 mm polyhedral structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 35cm - 52cm EC (dS/m) 0.178; pH 6.01; Layer 52cm - 70cm EC (dS/m) 0.225; pH 6.58.
B2	70 - 115cm	Strong brown (7.5YR 4/6) moist, fine sandy light clay; strong, 50-100 mm polyhedral structure; few (2-10%) mottles; common (10-50% of ped faces or walls coated), distinct clay skins; non-repellent. Layer 70cm - 92cm EC (dS/m) 0.258; pH 7.2; Layer 92cm - 115cm EC (dS/m) 0.369; pH 7.75.
B31	115 - 138cm	Strong brown (7.5YR 4/6) moist, sandy light clay; massive structure; few (2-10%); non-repellent. Layer 115cm - 138cm EC (dS/m) 0.241; pH 8.4.
B32	138 - 155cm	Strong brown (7.5YR 4/6) moist, sandy light medium clay; massive structure; few (2-10%); non-repellent. Layer 138cm - 155cm EC (dS/m) 0.434; pH 8.22.