

**Site Information**

**Easting:** 492446  
**Northing:** 5402295  
**Describer:** R Moreton  
**Date:** 12-Apr-2017

**Runoff:** Very slow  
**Permeability:** Slowly permeable  
**Drainage:** Imperfectly drained  
**Land Capability:** 4  
**Observation Type:** Undisturbed soil core

**Depth to Watertable (m):** No Data  
**Depth to Substrate (m):** 0.91  
**Surface Coarse Fragments:** Few (2-10%), Medium gravelly (6-20mm)

**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:** Very gently sloped (1-3%)  
**Pattern Relief Class:** Extremely low (<9m)  
**Relief Modal Slope:** Gently undulating plain

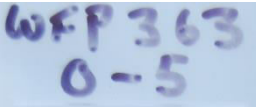
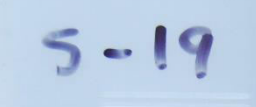
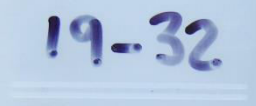




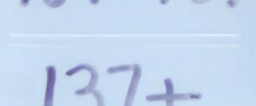
**Inundation Frequency:** No Data  
**Rainfall:** No Data  
**Erosion:** No Data

**Aspect:** No Data  
**Elevation:** No Data

**Soil Classification**

**Australian Soil Classification:** Brown Dermosol  
**ASC Confidence:** No analytical data are available but confidence is fair.  
**Soil Name:** Cressy Assoc.

**Morphological Description**

	Horizon	Depth	Description
	Ap	0 - 19cm	Dark brown (7.5YR 3/3) moist clay loam; strong, 5-10mm structure; very few (<2%) mottles; very few (<2%), medium (2-6mm), ferromanganiferous nodules; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 0- 5cm EC (dS/m) 0.235; pH 6.08; Layer 5- 19cm EC (dS/m) 0.156; pH 6.33.
	B1c	19 - 32cm	Dark brown (7.5YR 3/4) moist light clay; moderate, 5-10mm structure; few (2-10%) mottles; common (10-20%), medium (2-6mm), ferromanganiferous nodules; common (10-20%), medium (2-6mm), manganiferous soft segregations; few (2-10%), medium gravelly (6-20mm); non-repellent. Layer 19-32cm EC (dS/m) 0.134; pH 6.42.
	B2c	32 - 60cm	Dark reddish brown (5YR 3/3) moist light clay; moderate, 10-20mm structure; common (10-20%) mottles; many (20-50%), medium (2-6mm), ferromanganiferous nodules; many (20-50%), medium (2-6mm), manganiferous soft segregations; non-repellent. Layer 32- 60cm EC (dS/m) 0.138; pH 6.53.
	B31t	60 - 71cm	Reddish brown (5YR 4/4) moist medium clay; moderate, 20-50mm structure; common (10-20%) mottles; common (10-20%), fine (<2mm), ferromanganiferous nodules; non-repellent. Layer 60- 71cm EC (dS/m) 0.419; pH 6.4.
	B32t	71 - 91cm	Dark yellowish brown (10YR 4/4) moist light medium clay; moderate, 20-50mm structure; common (10-20%) mottles; common (10-20%), fine (<2mm), ferromanganiferous nodules; non-repellent. Layer 71- 91cm EC (dS/m) 0.599; pH 6.35.
	C1	91 - 107cm	Reddish brown (5YR 4/4) moist clay loam; massive structure; few (2-10%) mottles; common (10-20%), fine (<2mm), ferromanganiferous nodules; non-repellent. Layer 91- 107cm EC (dS/m) 0.242; pH 6.75.
	2C2r	107 - 137cm	Yellowish brown (10YR 5/4) moist clay loam; massive structure; few (2-10%) mottles; very few (<2%), fine (<2mm), ferromanganiferous nodules; non-repellent. Layer 107- 137cm EC (dS/m) 0.14; pH 6.85.
	2R	137 - 138cm	Rock.
