

**Project Name:** FOR  
**Project Code:** FOR **Site ID:** P643 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (WA)

#### Site Information

<b>Desc. By:</b>	E. Bettenay	<b>Locality:</b>	14KM east of Bungaroo Creek on millstream to Yarraloola Road:
<b>Date Desc.:</b>	01/01/70	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 2254 1:100000	<b>Rainfall:</b>	330
<b>Northing/Long.:</b>	116.516666666667	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	-21.866666666667	<b>Drainage:</b>	Imperfectly drained

#### Geology

<b>Exposure Type:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	Dolomite

#### Land Form

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Alluvial plain
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Prior stream	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** Self-mulching

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Haplic Self-Mulching Red Vertosol	<b>Principal Profile Form:</b>	Ug5.32
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	N/A

No analytical data are available but confidence is fair.

**Site Disturbance:** Complete clearing. Pasture, native or improved, but never cultivated

**Vegetation:** Low Strata - Tussock grass, , . \*Species includes - None recorded  
 Mid Strata - Chenopod shrub, , . \*Species includes - None recorded  
 Tall Strata - Tree, , . \*Species includes - Acacia species, Unknown species, Eucalyptus species

**Surface Coarse Fragments:** 2-10%, , angular, Gravel

#### Profile Morphology

A	0 - 0.05 m	Reddish brown (2.5YR4/4-Moist); Yellowish red (5YR4/6-Dry); ; Light clay; Strong grade of structure, 10-20 mm, Subangular blocky; Medium, (5 - 10) mm crack; Dry; Weak consistence; 2-10%, Gravel, coarse fragments; Field pH 8.5 (pH meter); Gradual change to -
	0.05 - 0.1 m	Dark red (2.5YR3/6-Moist); Reddish brown (2.5YR4/4-Dry); ; Light medium clay; Strong grade of structure, 5-10 mm, Subangular blocky; Earthy fabric; Medium, (5 - 10) mm crack; Weak consistence; 2-10%, Gravel, coarse fragments; Gradual change to -
B	0.1 - 0.2 m	Reddish brown (2.5YR4/4-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Subangular blocky; Earthy fabric; Medium, (5 - 10) mm crack; Moderately moist; Very weak consistence; Field pH 8.5 (pH meter);
	0.2 - 0.3 m	Dark red (2.5YR3/6-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Earthy fabric; Medium, (5 - 10) mm crack; Very weak consistence; 2-10%, Gravel, coarse fragments; Gradual change to -
	0.3 - 0.4 m	Dark red (2.5YR3/6-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Earthy fabric; Medium, (5 - 10) mm crack; Very weak consistence; 0-2%, Gravel, coarse fragments; Gradual change to -
	0.4 - 0.5 m	Dark red (2.5YR3/6-Moist); ; Medium clay; Moderate grade of structure, 50-100 mm, Angular blocky; Earthy fabric; Medium, (5 - 10) mm crack; Very weak consistence; 0-2%, Gravel, coarse fragments; Field pH 8.5 (pH meter);
	0.5 - 0.6 m	Dark red (2.5YR3/6-Moist); ; Medium clay; Weak grade of structure, 50-100 mm, Angular blocky; Medium, (5 - 10) mm crack; Very weak consistence; 0-2%, Gravel, coarse fragments;
	0.6 - 0.7 m	Dark red (2.5YR3/6-Moist); ; Medium clay; Weak grade of structure, 50-100 mm, Angular blocky; Medium, (5 - 10) mm crack; Very weak consistence; 0-2%, Gravel, coarse fragments;
	0.7 - 0.8 m	Dark red (2.5YR3/6-Moist); ; Heavy clay; Massive grade of structure; 0-2%, Gravel, coarse fragments;
	0.8 - 0.9 m	Dark red (2.5YR3/6-Moist); ; Heavy clay; Massive grade of structure;

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0.9 - 1 m Dark red (2.5YR3/6-Moist); ;

**Morphological Notes**

**Observation Notes**

**Site Notes**

BUNGAROO CK

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**Laboratory Analyses Completed for this profile**

3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - Not recorded
P10_GRAV	Gravel (%)
P10_PB_C	Clay (%) - Plummet balance
P10_PB_CS	Coarse sand (%) - Plummet balance
P10_PB_FS	Fine sand (%) - Plummet balance
P10_PB_Z	Silt (%) - Plummet balance