Project Name: **WAGGA WAGGA SOIL LANDSCAPES**
Project Code: **1000448** **Site ID:** **WW249** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (ACT)**

Site Information

Desc. By: Chen, XY
Date Desc.: 15/07/93
Map Ref.: Sheet No. : 8327 1:25000
Northing/Long.: 6084850 AMG zone: 55
Easting/Lat.: 502775 Datum: AGD66
Locality:
Elevation: 218 metres
Rainfall: No Data
Runoff: Slow
Drainage: Moderately well drained

Geology

ExposureType: No Data
Geol. Ref.: Du
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Siltstone

Land Form

Rel/Slope Class: No Data
Morph. Type: Upper-slope
Elem. Type: Hillslope
Slope: 4 %
Pattern Type: Rises
Relief: No Data
Slope Category: No Data
Aspect: 90 degrees

Surface Soil Condition (dry): Hardsetting

Erosion: Stable, Minor (sheet)

Soil Classification

Australian Soil Classification:
N/A
ASC Confidence:
Confidence level not specified
Mapping Unit: N/A
Principal Profile Form: Db2.42
Great Soil Group: N/A

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.12 m	Reddish brown (5YR4/4-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Common (1-5 per 100mm2) Fine (1-2mm) macropores, Dry; Weak consistence; Moderately plastic; Moderately sticky; Field pH 5.5 (Raupach); Common, fine (1-2mm) roots; Gradual, Smooth change to -
A2	0.12 - 0.26 m	Brown (7.5YR5/4-Moist); Pink (7.5YR7/4-Dry); ; Fine sandy clay loam; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Common (1-5 per 100mm2) Fine (1-2mm) macropores, Dry; Firm consistence; Slightly plastic; Moderately sticky; Very few (0 - 2 %), Ferromanganiferous, Fine (0 - 2 mm), Nodules, strong, segregations;Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules, strong, segregations;Field pH 6 (Raupach); Common, fine (1-2mm) roots; Gradual, Smooth change to -
B	0.26 - 0.85 m	Strong brown (7.5YR4/6-Moist); Mottles, 10-20% , Distinct; Light medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; Smooth-ped fabric; Few (<1 per 100mm2) Very fine (0.075-1mm) macropores, Dry; Very firm consistence; Moderately plastic; Very sticky; Few (2 - 10 %), Ferromanganiferous, Fine (0 - 2 mm), Nodules, strong, segregations;Few (2 - 10 %), Ferromanganiferous, Medium (2 -6 mm), Nodules, strong, segregations;Field pH 7 (Raupach); Common, fine (1-2mm) roots;

Morphological Notes

A1	Sample taken in fence.	
B	Sample from top 20cm.	Lower part pH: 8.5.

Observation Notes

Some disturbance of top soil.

Site Notes

S SIDE OF ROAD

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
m		dS/m	Cmol (+)/kg							%

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis				
								GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h

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Laboratory Analyses Completed for this profile