

Project Name: WAGGA WAGGA SOIL LANDSCAPES
Project Code: 1000448 **Site ID:** WW8 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By:	Chen, XY	Locality:	
Date Desc.:	15/07/93	Elevation:	175 metres
Map Ref.:	Sheet No. : 8327 1:25000	Rainfall:	No Data
Northing/Long.:	6114700 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	520350 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	Probable
Geol. Ref.:	Sgc	Substrate Material:	Clay

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Pediment
Morph. Type:	Lower-slope	Relief:	No Data
Elem. Type:	Footslope	Slope Category:	No Data
Slope:	5 %	Aspect:	315 degrees

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	Dr2.13
		Great Soil Group:	Red-brown earth

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.18 m	Dark brown (7.5YR3/3-Moist); ; Silty clay loam; Massive grade of structure; Earthy fabric; Moist; Moderately plastic; Normal plasticity; Slightly sticky; Field pH 5 (Raupach); Many, fine (1-2mm) roots; Clear change to -
B	0.18 - 0.42 m	Yellowish red (5YR4/6-Moist); ; Medium heavy clay; Weak grade of structure, 2-5 mm, Polyhedral; Rough-ped fabric; Moist; Very plastic; Normal plasticity; Very sticky; Field pH 9 (Raupach); Common, fine (1-2mm) roots; Clear change to -
C	0.42 - 0.7 m	Brown (7.5YR5/4-Moist); Mottles, 2-10% , Faint; Medium heavy clay; Weak grade of structure, 2-5 mm, Polyhedral; Rough-ped fabric; Moist; Very plastic; Normal plasticity; Very sticky; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Soft segregations, weak, segregations;Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Soft segregations, weak, segregations;Field pH 9.5 (Raupach); Few, fine (1-2mm) roots;

Morphological Notes

Observation Notes

Site Notes

40M FROM YARRAGUNDRY ROAD

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Laboratory Test Results:

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

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	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		
m					g/g - m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile