

Project Name: WAGGA WAGGA SOIL LANDSCAPES
Project Code: 1000448 **Site ID:** WW1 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By:	Chen, XY	Locality:	
Date Desc.:	15/07/93	Elevation:	190 metres
Map Ref.:	Sheet No. : 8327 1:25000	Rainfall:	No Data
Northing/Long.:	6116270 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	536300 Datum: AGD66	Drainage:	Well drained

Geology

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

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Terrace (alluvial)
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	10 %	Aspect:	45 degrees

Surface Soil Condition (dry): Soft

Erosion: Stable, Minor (sheet)

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	Uc1.22
		Great Soil Group:	Siliceous sand

Site Disturbance: Extensive clearing, for example poisoning, ringbarking, Complete clearing. Pasture, native or improved, cultivated at some stage,

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Yellowish red (5YR4/5-Moist); ; Loamy sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moist; Very weak consistence; Non-plastic; Normal plasticity; Slightly sticky; Field pH 7 (Raupach); Many, very fine (0-1mm) roots; Many, fine (1-2mm) roots; Gradual, Smooth change to -
C1	0.1 - 0.55 m	Yellowish red (5YR5/6-Moist); ; Medium sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moist; Very weak consistence; Non-plastic; Normal plasticity; Non-sticky; Field pH 6 (Raupach); Common, very fine (0-1mm) roots; Few, fine (1-2mm) roots; Abrupt, Irregular change to -
C2	0.55 - 1 m	Yellowish red (5YR5/8-Moist); ; Medium sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moist; Very weak consistence; Non-plastic; Normal plasticity; Non-sticky; Field pH 6.5 (Raupach); Few, very fine (0-1mm) roots;

Morphological Notes

Observation Notes

Well sorted medium sand.

Site Notes

HILARY ST S SIDE RD IN A RD NR GATE

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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	15 Bar		
m					g/g -	m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile