

Project Name: WAGGA WAGGA SOIL LANDSCAPES  
Project Code: 1000448 Site ID: WW98 Observation ID: 1  
Agency Name: CSIRO Division of Soils (ACT)

#### Site Information

Desc. By:	Chen, XY	Locality:	
Date Desc.:	15/07/93	Elevation:	258 metres
Map Ref.:	Sheet No. : 8327 1:25000	Rainfall:	No Data
Northing/Long.:	6097425 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	541200 Datum: AGD66	Drainage:	Imperfectly drained

#### Geology

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

#### 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:	90 degrees

**Surface Soil Condition (dry):** Firm

#### Erosion:

#### Soil Classification

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

**Site Disturbance:** Extensive clearing, for example poisoning, ringbarking

#### Vegetation:

#### Surface Coarse Fragments:

#### Profile Morphology

A	0 - 0.55 m	Very dark brown (7.5YR2/3-Moist); ; Clay loam; Weak grade of structure, 2-5 mm, Granular; Earthy fabric; Common (1-5 per 100mm <sup>2</sup> ) Very fine (0.075-1mm) macropores, Common (1-5 per 100mm <sup>2</sup> ) Fine (1-2mm) macropores, Moist; Slightly plastic; Moderately sticky; Field pH 5.5 (Raupach); Many, fine (1-2mm) roots; Clear change to -
B	0.55 - 0.9 m	Brown (7.5YR4/4-Moist); Mottles, 10-20% , Distinct; Mottles, 2-10% , Faint; Clay loam, sandy; Moderate grade of structure; Rough-ped fabric; Wet; Slightly plastic; Moderately sticky; 10-20%, medium gravelly, 6-20mm, subangular, coarse fragments; Field pH 6 (Raupach); Few, fine (1-2mm) roots;

#### Morphological Notes

A	Rich in organic matter;	recent deposit receiving top soil	materials of upper
	slope.		
B	Saturated		

#### Observation Notes

On small colluvial fan. Pit to 40cm, auger to 90cm.

#### Site Notes

NEAR TREE-LINE, E 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	15 Bar		
m					g/g -	m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile