

Project Name: WAGGA WAGGA SOIL LANDSCAPES
Project Code: 1000448 **Site ID:** WW47 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By:	Chen, XY	Locality:	
Date Desc.:	15/07/93	Elevation:	349 metres
Map Ref.:	Sheet No. : 8327 1:25000	Rainfall:	No Data
Northing/Long.:	6088850 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	531575 Datum: AGD66	Drainage:	Poorly drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	Probable
Geol. Ref.:	Ou	Substrate Material:	Clay

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Low hills
Morph. Type:	Open depression (vale)	Relief:	No Data
Elem. Type:	Valley flat	Slope Category:	No Data
Slope:	3 %	Aspect:	45 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:	Gn3.24
		Great Soil Group:	N/A

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.2 m	Dark brown (7.5YR3/4-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Fine, (0 - 5) mm crack; Common (1-5 per 100mm ²) Very fine (0.075-1mm) macropores, Common (1-5 per 100mm ²) Fine (1-2mm) macropores, Moist; Slightly plastic; Slightly sticky; Field pH 5.5 (Raupach); Many, very fine (0-1mm) roots; Many, fine (1-2mm) roots; Gradual, Smooth change to -
A2	0.2 - 0.55 m	Brown (7.5YR5/3-Moist); ; Medium sandy light clay; Massive grade of structure; Earthy fabric; Wet; Moderately plastic; Very sticky; 2-10%, coarse gravelly, 20-60mm, subangular, dispersed, coarse fragments; Field pH 5.5 (Raupach); Common, very fine (0-1mm) roots; Common, fine (1-2mm) roots; Clear change to -
B	0.55 - 0.75 m	Brown (7.5YR4/4-Moist); Mottles, 10-20% , Distinct; Light clay; Weak grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Wet; Very plastic; Moderately sticky; Common (10 - 20 %), Ferromanganiferous, Medium (2 -6 mm), Soft segregations, weak, segregations;Field pH 6 (Raupach); Few, very fine (0-1mm) roots; Few, fine (1-2mm) roots;

Morphological Notes

Observation Notes

Pit to 35cm, auger to 75cm.

Site Notes

Project Name: WAGGA WAGGA SOIL LANDSCAPES
Project Code: 1000448 Site ID: WW47 Observation ID: 1
Agency Name: CSIRO Division of Soils (ACT)

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

Project Name: WAGGA WAGGA SOIL LANDSCAPES
Project Code: 1000448 Site ID: WW47
Agency Name: CSIRO Division of Soils (ACT)

Observation ID: 1

Laboratory Analyses Completed for this profile