

Project Name: WAGGA WAGGA SOIL LANDSCAPES
Project Code: 1000448 **Site ID:** WW326 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By:	Chen, XY	Locality:	
Date Desc.:	15/07/93	Elevation:	195 metres
Map Ref.:	Sheet No. : 8327 1:25000	Rainfall:	No Data
Northing/Long.:	6107550 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	516400 Datum: AGD66	Drainage:	Poorly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Cza	Substrate Material:	Clay

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Swamp	Slope Category:	No Data
Slope:	1 %	Aspect:	180 degrees

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Pedal Grey Vertosol Non-gravelly Fine Very fine Moderately deep		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Grey clay
Confidence level not specified			

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.1 m	Very dark brown (10YR2/2-Moist); ; Clay loam; Weak grade of structure, 20-50 mm, Subangular blocky; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Few (<1 per 100mm2) Fine (1-2mm) macropores, Moderately moist; Firm consistence; Moderately plastic; Moderately sticky; Field pH 6 (Raupach); Many, fine (1-2mm) roots; Abrupt, Smooth change to -
B	0.1 - 0.5 m	Greyish brown (10YR5/2-Moist); Mottles, 2-10% , Faint; Medium clay; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Few (<1 per 100mm2) Very fine (0.075-1mm) macropores, Moist; Firm consistence; Moderately plastic; Very sticky; Very few (0 - 2 %), Ferromanganiferous, Fine (0 - 2 mm), , strong, segregations;Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), , strong, segregations;Few (2 - 10 %), Organic (humified), Fine (0 - 2 mm), Root linings; Field pH 7 (Raupach); Common, fine (1-2mm) roots;

Morphological Notes

B	A 2cm bleached horizon on top.	More mottled downward.
---	--------------------------------	------------------------

Observation Notes

Site Notes

Project Name:

WAGGA WAGGA SOIL LANDSCAPES

Project Code:

1000448

Site ID:

WW326

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: WW326
Agency Name: CSIRO Division of Soils (ACT)

Observation ID: 1

Laboratory Analyses Completed for this profile