

Project Name: WAGGA WAGGA SOIL LANDSCAPES
Project Code: 1000448 **Site ID:** WW102 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By:	Chen, XY	Locality:	
Date Desc.:	15/07/93	Elevation:	245 metres
Map Ref.:	Sheet No. : 8327 1:25000	Rainfall:	No Data
Northing/Long.:	6126525 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	539875 Datum: AGD66	Drainage:	Poorly drained

Geology

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

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Rises
Morph. Type:	Open depression (vale)	Relief:	No Data
Elem. Type:	Valley flat	Slope Category:	No Data
Slope:	2 %	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:	N/A
		Great Soil Group:	Alluvial soil

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.13 m	Brown (7.5YR4/3-Moist); Mottles, 2-10% , Faint; Light clay; Weak grade of structure, 2-5 mm, Granular; Earthy fabric; Wet; Moderately plastic; Moderately sticky; Field pH 8.5 (Raupach); Many, fine (1-2mm) roots; Abrupt, Smooth change to -
C1	0.13 - 0.6 m	Reddish brown (5YR4/4-Moist); Mottles, 2-10% , Faint; Mottles, 0-2% , Faint; Coarse sandy loam; Massive grade of structure; Earthy fabric; Wet; Slightly plastic; Slightly sticky; 10-20%, fine gravelly, 2-6mm, subrounded, stratified, Quartz, coarse fragments; Very few (0 - 2 %), Ferromanganiferous, Fine (0 - 2 mm), Nodules, strong, segregations;Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules, strong, segregations;Field pH 8.5 (Raupach); Common, fine (1-2mm) roots; Clear change to -
C2	0.6 - 0.9 m	Brown (7.5YR5/4-Moist); ; Clay loam, sandy; Wet; Moderately plastic; Moderately sticky; 0-2%, fine gravelly, 2-6mm, subrounded, dispersed, Quartz, coarse fragments; Field pH 9 (Raupach); Few, fine (1-2mm) roots;

Morphological Notes

A	Alluvial sediments	
C1	Interbedded loamy sand and clay loam.	Alluvial sediments
C2	Less beddings.	Saturated

Observation Notes

Ground-water: 6.6 pH, 6.2ms/cm. Pit to 35cm, auger to 90cm

Site Notes

30M E ELECTRIC LINE, 15M IN FENCE

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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