

Project Name: WAGGA WAGGA SOIL LANDSCAPES
Project Code: 1000448 **Site ID:** WW40 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By: Chen, XY	Locality:
Date Desc.: 15/07/93	Elevation: 292 metres
Map Ref.: Sheet No. : 8327 1:25000	Rainfall: No Data
Northing/Long.: 6091350 AMG zone: 55	Runoff: Moderately rapid
Easting/Lat.: 509275 Datum: AGD66	Drainage: Imperfectly drained

Geology

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

Land Form

Rel/Slope Class: No Data	Pattern Type: Hills
Morph. Type: Mid-slope	Relief: No Data
Elem. Type: Hillslope	Slope Category: No Data
Slope: 10 %	Aspect: 90 degrees

Surface Soil Condition (dry): Firm

Erosion: Active, Moderate (sheet) Active, Moderate (gully)

Soil Classification

Australian Soil Classification:	Mapping Unit: N/A
N/A	Principal Profile Form: Dr2.12
ASC Confidence:	Great Soil Group: N/A
Confidence level not specified	

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

Vegetation:

Surface Coarse Fragments: 10-20%, medium gravelly, 6-20mm, angular, ; No surface coarse fragments

Profile Morphology

A	0 - 0.3 m	Very dark brown (7.5YR2/3-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Moist; Moderately plastic; Moderately sticky; 20-50%, medium gravelly, 6-20mm, angular, dispersed, coarse fragments; Field pH 5.5 (Raupach); Many, fine (1-2mm) roots; Clear, Smooth change to -
B	0.3 - 0.95 m	Dark red (2.5YR3/6-Moist); Mottles, 2-10% , Distinct; Medium heavy clay; Moderate grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Moist; Very plastic; Very sticky; 2-10%, medium gravelly, 6-20mm, angular, dispersed, coarse fragments; Few cutans, <10% of ped faces or walls coated, faint; Field pH 6.5 (Raupach); Few, fine (1-2mm) roots;

Morphological Notes

A	A recent colluvial layer.	Metasedimentary rock gravels.
B	Much older than layer 1.	Metasedimentary rock gravels.

Observation Notes

Site Notes

40M DOWN SLOPE FROM GATE

Project Name:

WAGGA WAGGA SOIL LANDSCAPES

Project Code:

1000448

Site ID:

WW40

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: WW40
Agency Name: CSIRO Division of Soils (ACT)

Observation ID: 1

Laboratory Analyses Completed for this profile