

Project Name: WAG
Project Code: WAG **Site ID:** C54 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	Beattie, John	Locality:	West bank of Bullenbung Ck, 20m from channel, erosion gully, Portion TSR991:
Date Desc.:	25/01/57	Elevation:	183 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	458
Northing/Long.:	147	Runoff:	Slow
Easting/Lat.:	-35.25	Drainage:	Poorly drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	30 metres
Elem. Type:	Terrace plain	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

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:	Grey clay

Site Disturbance:

Vegetation: Low Strata - , , . *Species includes - None recorded

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.08 m	Pale brown (10YR6/3-Moist); ; Silty light clay (Heavy); Weak grade of structure, 50-100 mm, Angular blocky; Weak grade of structure, 2-5 mm, Platy; Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; Sharp change to -
B	0.08 - 0.3 m	Greyish brown (10YR5/2-Moist); , 10YR42; Medium clay; Weak grade of structure, 5-10 mm, Angular blocky; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; Sharp change to -
2A	0.61 - 0.76 m	Very pale brown (10YR7/3-Moist); , 10YR83; Silty clay loam (Heavy); Strong grade of structure, 10-20 mm, Platy; Dry; Very firm consistence; Sharp change to -
2B	0.91 - 1.07 m	Dark greyish brown (10YR4/2-Moist); , 10YR43; Medium clay; Weak grade of structure, 50-100 mm, Angular blocky; Moderately moist; Firm consistence; Sharp change to -
3A	1.07 - 1.83 m	Light grey (2.5Y7/2-Moist); ; Silty light clay; Moderate grade of structure, 50-100 mm, Prismatic; Dry; Strong consistence; Gradual change to -
3B	1.83 - 2.44 m	Brown (10YR5/3-Moist); ; Medium clay; Moist; Weak consistence; Very few (0 - 2 %), Ferromanganiferous, , Nodules;

Morphological Notes

Observation Notes

CLEARED TALL WOODLAND; SEE ORIGINAL FOR MORE DETAIL:

Site Notes

WAGGA

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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