

Project Name: WAG
Project Code: WAG **Site ID:** C55 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	Beattie, John	Locality:	Rail cutting 4.8km by road north of Junee.
Date Desc.:	25/02/58	Elevation:	366 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	520
Northing/Long.:	147	Runoff:	Rapid
Easting/Lat.:	-35.25	Drainage:	Imperfectly drained

Geology

ExposureType:	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:	No Data
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	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:	Red podzolic soil

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.08 m	Strong brown (7.5YR5/6-Moist); , 7.5YR54; Loam; Weak grade of structure, 10-20 mm, Subangular blocky; Dry; Weak consistence; 2-10%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
A1	0.08 - 0.15 m	Brown (10YR4/3-Moist); , 7.5YR64; Loam; Weak grade of structure, 2-5 mm, Subangular blocky; Dry; Firm consistence; 10-20%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
A2	0.15 - 0.28 m	Light brown (7.5YR6/4-Moist); ; Sandy loam; Weak grade of structure, 100-200 mm, Prismatic; Dry; Weak consistence; 50-90%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
	0.28 - 0.41 m	Light brown (7.5YR6/4-Moist); ; Loamy coarse sand; Weak grade of structure, 10-20 mm, Prismatic; Weak consistence; 50-90%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
B1	0.41 - 0.48 m	Yellowish red (5YR4/6-Moist); ; Clay loam; Massive grade of structure, 5-10 mm; Moderately moist; Weak consistence; 50-90%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
B2	0.48 - 0.61 m	Yellowish red (5YR4/6-Moist); ; Medium clay; Weak grade of structure, 5-10 mm, Subangular blocky; Moderately moist; Very firm consistence; 50-90%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
C1	0.76 - 0.89 m	Light yellowish brown (2.5Y6/4-Moist); , 5YR58; Clay loam; Massive grade of structure; Moderately moist; Weak consistence; 50-90%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
C2	1.22 - 1.4 m	Strong brown (7.5YR5/6-Moist); , 10YR64; , 5YR58; Clay loam; Massive grade of structure; Moderately moist; Weak consistence; 50-90%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
	1.6 - 1.62 m	Light brownish grey (2.5Y6/2-Moist); , 10YR58; , 5YR48; Medium clay; Massive grade of structure; Firm consistence; 50-90%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;

Morphological Notes

Observation Notes

JERAL LOAM:

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