

Project Name: WAG
Project Code: WAG **Site ID:** C45 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:		Locality:	Sth. side of Urana-Lockhard Rd:10km west of Lockhard near boundary of 166:
Date Desc.:	//	Elevation:	152 metres
Map Ref.:		Rainfall:	460
Northing/Long.:		Runoff:	Slow
Easting/Lat.:		Drainage:	Poorly 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:	Plain
Morph. Type:	Flat	Relief:	0 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Grey Chromosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Red-brown earth
No analytical data and little or no knowledge of this soil.			

Site Disturbance:

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded
Tall Strata - Tree, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A1sb	0 - 0.05 m	Brown (7.5YR5/4-Moist); , 10YR63; Fine sandy clay loam; Weak grade of structure, 10-20 mm, Platy; Massive grade of structure; Wavy change to -
B1	0.08 - 0.15 m	Dark brown (7.5YR3/2-Moist); ; Heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Weak grade of structure, 5-10 mm, Angular blocky;
	0.2 - 0.3 m	Dark brown (7.5YR3/2-Moist); ; Heavy clay (Light); Moderate grade of structure, 10-20 mm, Angular blocky;
B2	0.3 - 0.38 m	Dark greyish brown (10YR4/2-Moist); ; Medium clay (Heavy);
	0.51 - 0.58 m	Dark greyish brown (10YR4/2-Moist); ; Medium clay (Heavy);
	0.66 - 0.74 m	Dark greyish brown (10YR4/2-Moist); Brown (10YR5/3-Dry); , 10YR43; Medium clay; Slightly plastic; Subplastic;
	0.74 - 0.81 m	Brown (10YR4/3-Moist); ; Light medium clay; Moderately plastic; Subplastic;
	0.86 - 0.91 m	Brown (10YR4/3-Moist); ; Light medium clay; Moderately plastic; Subplastic;
	1.07 - 1.14 m	Brown (10YR4/3-Moist); ; Medium clay;
	1.22 - 1.29 m	Brown (7.5YR5/4-Moist); ; Medium clay (Heavy);
	1.5 - 1.6 m	Brown (7.5YR5/4-Moist); ; Medium clay (Heavy);
	1.8 - 1.9 m	Brown (7.5YR5/4-Moist); ; Medium clay;
	2.11 - 2.21 m	Brown (7.5YR5/4-Moist); ; Medium clay;

Morphological Notes

Observation Notes

Site Notes

URANA

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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