

Project Name: YEN
Project Code: YEN **Site ID:** C24 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:		Locality:	S boundary of portion 831:Between two fences 59m east of bridge on mainroad s-n:
Date Desc.:	07/12/55	Elevation:	No Data
Map Ref.:		Rainfall:	0
Northing/Long.:		Runoff:	No Data
Easting/Lat.:		Drainage:	No Data

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:	%	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Gypsic Eutrophic Red Dermosol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	N/A
No analytical data and little or no knowledge of this soil.		

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.13 m	Dark reddish brown (5YR3/4-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Moderately moist; Firm consistence;
A	0.13 - 0.2 m	Dark reddish brown (2.5YR3/4-Moist); ; Sandy light clay (Heavy); Massive grade of structure; Moderately moist; Weak consistence; Gradual change to -
B1	0.25 - 0.41 m	Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Moderate grade of structure, Prismatic; Moderate grade of structure, 20-50 mm, Angular blocky; Moist; Very weak consistence; Slightly plastic; Subplastic; Gradual change to -
	0.46 - 0.61 m	Pinkish white (5YR8/2-Moist); , 2.5YR6/4; Silty light clay; Massive grade of structure; 10-20 mm, Angular blocky; Firm consistence; Slightly plastic; Normal plasticity; Sharp change to -
	0.99 - 1.27 m	Light reddish brown (2.5YR6/4-Moist); ; Silty light clay; Massive grade of structure; 10-20 mm, Angular blocky; Firm consistence; Many (20 - 50 %), Gypseous, , Soft segregations;
	1.52 - 1.83 m	Red (2.5YR5/6-Moist); ; Light clay; Massive grade of structure; 10-20 mm, Angular blocky; Firm consistence;

Morphological Notes

Observation Notes

>137CM LIME DECREASES SUDDENLY: >152CM BLACK INCLUSIONS (MICA) ALSO: LIME RUBBLE AT 46CM:

Site Notes

COOPER

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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