

Project Name: YEN
Project Code: YEN **Site ID:** C23 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	B.E. Butler	Locality:	Opposite lot 856:64m south of channel on N.E boundary between two fences:
Date Desc.:	04/12/55	Elevation:	No Data
Map Ref.:		Rainfall:	0
Northing/Long.:		Runoff:	No Data
Easting/Lat.:		Drainage:	No Data

Geology

Exposure Type:	Soil pit	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:		Mapping Unit:	N/A
Epicalcareous Bleached-Manganic Red Vertosol		Principal Profile Form:	N/A
ASC Confidence:	No analytical data and little or no knowledge of this soil.	Great Soil Group:	Red-brown earth

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.13 m	Yellowish red (5YR4/6-Moist); ; Light clay; Weak grade of structure, 20-50 mm, Subangular blocky; Dry; Firm consistence; Slightly plastic; Subplastic;
A12	0.13 - 0.25 m	Dark red (2.5YR3/6-Moist); ; Light medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Dry; Weak consistence; Slightly plastic; Subplastic; Very few (0 - 2 %), Calcareous, , Soft segregations; Gradual change to -
B11	0.25 - 0.46 m	Dark red (2.5YR3/6-Moist); ; Medium clay; Moderate grade of structure, 50-100 mm, Prismatic; Moist; Weak consistence; Slightly plastic; Subplastic; Gradual change to -
B21	0.53 - 0.71 m	Yellowish red (5YR4/6-Moist); ; Silty medium clay; Weak grade of structure, 20-50 mm, Subangular blocky; Moist; Weak consistence; Slightly plastic; Subplastic; Very many (50 - 100 %), Calcareous, , Soft segregations; Sharp change to -
C	0.94 - 1.19 m	Yellowish red (5YR4/6-Moist); ; Light medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Strong grade of structure, 2-5 mm, Angular blocky; Moist; Very firm consistence; Very plastic; Subplastic; Diffuse change to -
DA	1.29 - 1.42 m	Red (2.5YR4/6-Moist); ; Light medium clay; Strong grade of structure, <2 mm, Angular blocky; Moist; Firm consistence; Very plastic; Subplastic; , Calcareous, Very coarse (20 - 60 mm), Veins; Sharp, Smooth change to -
	1.6 - 1.75 m	Red (2.5YR4/6-Moist); ; Light medium clay; Strong grade of structure, <2 mm, Angular blocky; Firm consistence; Very plastic; Subplastic; , Calcareous, Very coarse (20 - 60 mm), Veins; Gradual change to -
	2.13 - 2.21 m	Yellowish red (5YR4/6-Moist); ; Medium clay; Firm consistence; Moderately plastic; Subplastic; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Concretions; Gradual change to -
	2.74 - 2.9 m	Reddish brown (5YR5/4-Moist); , 10YR5/3; Light medium clay; Firm consistence; Slightly plastic; Subplastic; Very few (0 - 2 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

AT 122CM IS LIME RUBBLE AND BOULDER LAYER <80MM DIAM.:

Site Notes

Project Name: YEN

Project Code: YEN

Site ID: C23

Observation ID: 1

Agency Name: CSIRO Division of Soils (NSW)

COOPER

Project Name: YEN

Project Code: YEN

Agency Name: CSIRO Division of Soils (NSW)

Site ID: C23

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%

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: YEN
Project Code: YEN Site ID: C23 Observation ID: 1
Agency Name: CSIRO Division of Soils (NSW)

Laboratory Analyses Completed for this profile