

Project Name: YEN
Project Code: YEN **Site ID:** C30 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:		Locality:	North of portion 657 between road and boundary: 80m east of road between 657 and 518:
Date Desc.:	12/12/55	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
Mottled Hypercalcic Red Dermosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Solonized brown soil
No analytical data are available but confidence is fair.			

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.04 m	Reddish brown (5YR4/4-Moist); ; Fine sandy clay loam; Massive grade of structure; Dry; Very firm consistence;
A	0.04 - 0.15 m	Yellowish red (5YR5/6-Moist); ; Sandy medium clay; Massive grade of structure; Dry; Very firm consistence;
A2	0.15 - 0.2 m	Yellowish red (5YR5/6-Moist); ; Sandy clay loam; Weak grade of structure, 20-50 mm, Platy; Few (<1 per 100mm2) Fine (1-2mm) macropores, Dry; Firm consistence; Slightly plastic; Subplastic;
B1	0.2 - 0.23 m	Yellowish red (5YR4/6-Moist); ; Medium clay; Weak grade of structure, 20-50 mm, Angular blocky; Dry; Weak consistence; Slightly plastic; Subplastic;
	0.23 - 0.43 m	Yellowish red (5YR4/6-Moist); , 2.5YR44; Light medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moderate grade of structure, 5-10 mm, Angular blocky; Weak consistence; Slightly plastic; Subplastic; 0-2%, coarse gravelly, 20-60mm, Sandstone, coarse fragments;
	0.43 - 0.53 m	Yellowish red (5YR4/6-Moist); , 2.5YR44, 0-2% ; , 0-2% ; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Weak consistence; Slightly plastic; Subplastic;
	0.53 - 0.64 m	Yellowish red (5YR4/6-Moist); , 2.5YR44; , 5YR81; Medium clay (Heavy); Weak consistence; Few (2 - 10 %), Calcareous, , Concretions;
	0.66 - 0.81 m	Light olive brown (2.5Y5/4-Moist); , 5YR46, 2-10% ; , 2-10% ; Medium clay; Firm consistence; Few (2 - 10 %), Calcareous, , Concretions;
	0.81 - 0.96 m	Light olive brown (2.5Y5/4-Moist); , 2.5Y20, 0-2% ; , 0-2% ; Medium clay; Few (2 - 10 %), Calcareous, , Concretions;
	1.27 - 1.42 m	Light olive brown (2.5Y5/4-Moist); , 2.5Y20; , 5YR46; Medium clay; Weak consistence; Few (2 - 10 %), Calcareous, , Concretions;
	1.75 - 1.9 m	Light olive brown (2.5Y5/4-Moist); , 2.5Y20; , 5YR46; Medium clay; Firm consistence; Few (2 - 10 %), Calcareous, , Concretions;
	2.11 - 2.34 m	Red (2.5YR4/6-Moist); , 5YR46; , 5YR51; Medium clay; Weak consistence; Few (2 - 10 %), Calcareous, , Concretions;

Morphological Notes

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Observation Notes

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