

Project Name: YEN
Project Code: YEN Site ID: C31 Observation ID: 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By: Locality: Centifantis Farm 266 about 100m north of Scarp Road. Boundary 266/361:240m SSW from road running WNW-ESE:
Date Desc.: // Elevation: 125 metres
Map Ref.: Rainfall: 0
Northing/Long.: Runoff: Rapid
Easting/Lat.: Drainage: Well 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: Alluvial plain
Morph. Type: No Data Relief: No Data
Elem. Type: Drainage depression Slope Category: No Data
Slope: 0 % 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: Red-brown earth
No analytical data are available but confidence is fair.

Site Disturbance: Cultivation. Irrigated, past or present

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.05 m	Reddish brown (5YR4/4-Moist); ; Sandy medium clay; Massive grade of structure; Moist; Weak consistence; Slightly plastic; Subplastic;
A	0.05 - 0.11 m	Reddish brown (5YR4/4-Moist); ; Sandy medium clay; Massive grade of structure; Moist; Weak consistence; Slightly plastic; Subplastic;
A	0.11 - 0.25 m	Reddish brown (5YR4/4-Moist); ; Sandy medium clay; Massive grade of structure; Moist; Weak consistence; Slightly plastic; Subplastic;
B1	0.28 - 0.39 m	Red (2.5YR4/6-Moist); ; Medium clay; Weak grade of structure, 10-20 mm, Angular blocky; Moist; Firm consistence; Non-plastic;
B12	0.44 - 0.53 m	Yellowish red (5YR5/8-Moist); ; Medium clay; Weak grade of structure, 10-20 mm, Angular blocky; Moist; Weak consistence; Slightly plastic; Subplastic;
	0.61 - 0.71 m	Reddish brown (5YR4/4-Moist); ; 10YR52; Light clay; Moderate grade of structure, 10-20 mm, Angular blocky; Moderate grade of structure, 2-5 mm, Subangular blocky; Weak consistence; Very few (0 - 2 %), Calcareous, , Concretions;
	0.84 - 0.96 m	Reddish brown (5YR4/4-Moist); ; 5YR51, 2-10% ; , 2-10% ; Light clay; Weak consistence; Very few (0 - 2 %), Calcareous, , Concretions;
	1.47 - 1.7 m	Yellowish red (5YR5/8-Moist); ; 5YR51, 2-10% ; , 2-10% ; Sandy light clay; Weak consistence; Very few (0 - 2 %), Calcareous, , Concretions;

Morphological Notes

Observation Notes

>84CM MICA INCREASING DOWN PROFILE:

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