

Project Name: YEN
Project Code: YEN **Site ID:** C26 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	D.C. van Dijk	Locality:	SE boundary of portion 409 along main road to Yoogali:70m NE. of roadjunction between lot 263 & 258:
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
Calcic Subnatric Red Sodosol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	Solodic soil
No analytical data and little or no knowledge of this soil.		

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

	0 - 0.15 m	Reddish brown (5YR5/4-Moist); ; Fine sandy clay loam; , Platy; Very firm consistence;
A	0.15 - 0.28 m	Reddish brown (5YR4/4-Moist); ; Light clay; , Platy; Moderately moist; Very firm consistence;
A	0.28 - 0.38 m	Reddish brown (5YR5/4-Moist); ; Sandy clay loam; , Angular blocky; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Moderately moist; Very firm consistence; Gradual change to -
A2	0.38 - 0.46 m	Light reddish brown (5YR6/4-Moist); ; Loamy sand; Weak grade of structure, 10-20 mm, Angular blocky; Many (>5 per 100mm2) Very fine (0.075-1mm) macropores, Dry; Firm consistence;
A2B1	0.46 - 0.51 m	;
	0.46 - 0.53 m	Dark reddish brown (5YR3/3-Moist); , 5YR4/3; Medium clay; Massive grade of structure; Weak consistence;
	0.58 - 0.74 m	Red (2.5YR5/5-Moist); , 10YR6/3; Medium clay (Light); Weak grade of structure, 20-50 mm, Angular blocky; Massive grade of structure; Firm consistence;
	0.94 - 1.07 m	Red (2.5YR5/6-Moist); , 10YR6/3; Medium clay (Light); 5-10 mm, Angular blocky; Massive grade of structure; Firm consistence; Very few (0 - 2 %), Calcareous, , Soft segregations;
	1.24 - 1.4 m	Reddish brown (5YR4/4-Moist); , 10YR7/1; Medium clay (Light); Weak consistence; Very few (0 - 2 %), Calcareous, , Soft segregations;
	1.5 - 1.65 m	Reddish yellow (7.5YR6/6-Moist); ; Medium clay (Light); Weak consistence;
	1.65 - 1.78 m	Reddish yellow (7.5YR7/6-Moist); ; Heavy clay; Weak consistence; Few (2 - 10 %), Calcareous, , Concretions;
	1.88 - 2.08 m	Reddish yellow (7.5YR7/6-Moist); ; Heavy clay; Weak consistence; Common cutans, 10-50% of ped faces or walls coated; Very few (0 - 2 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

>157CM MICA INCREASING DOWN PROFILE: >58CM BLACK STAINING THROUGH PROFILE: 46-51CM LAB SAMPLE:

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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