

Project Name: KOO
Project Code: KOO **Site ID:** C10 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:		Locality:	
Date Desc.:	08/07/54	Elevation:	123 metres
Map Ref.:		Rainfall:	380
Northing/Long.:		Runoff:	Moderately rapid
Easting/Lat.:		Drainage:	Moderately 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:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	Gently inclined
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Calcic Red Chromosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Solonetz

No analytical data and little or no knowledge of this soil.

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, , . *Species includes - Panicum decompositum
Tall Strata - Tree, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.15 m	Brown (7.5YR5/4-Moist); ; Loamy sand; Massive grade of structure; Moderately moist; Weak consistence;
A12	0.15 - 0.28 m	Brown (7.5YR5/4-Moist); ; Loamy sand; Massive grade of structure; Moderately moist; Weak consistence;
A2	0.3 - 0.39 m	Reddish brown (5YR5/4-Moist); , 7.5YR53; Sand; Massive grade of structure; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Moderately moist; Weak consistence; Gradual change to -
B11	0.39 - 0.51 m	Reddish brown (5YR5/4-Moist); , 10YR52; , 2.5YR56; Heavy clay; Weak grade of structure, 20-50 mm, Angular blocky; Weak grade of structure, 10-20 mm, Angular blocky; Moderately moist; Weak consistence; Sharp, Smooth change to -
B12	0.51 - 0.61 m	Reddish brown (5YR5/4-Moist); , 10YR52; , 2.5YR56; Heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moderate grade of structure, 10-20 mm, Angular blocky; Moderately moist; Very weak consistence; Slightly plastic; Subplastic;
B13	0.69 - 0.84 m	Reddish brown (5YR5/4-Moist); , 10YR52; , 2.5YR56; Medium clay (Heavy); Strong grade of structure, 20-50 mm, Angular blocky; Strong grade of structure, 10-20 mm, Angular blocky; Moderately moist; Very weak consistence; Slightly plastic; Subplastic;
B2	0.91 - 1.07 m	Brown (7.5YR5/4-Moist); , 2.5Y62; , 2.5YR56; Medium clay; Moderately moist; Very weak consistence; Common (10 - 20 %), Calcareous, , Concretions; Gradual change to -
	1.22 - 1.52 m	Reddish yellow (7.5YR6/5-Moist); , 2.5Y63; Medium clay; Very weak consistence; Slightly plastic; Subplastic; Few (2 - 10 %), Calcareous, , Concretions;
	1.78 - 1.88 m	Pale olive (5Y6/3-Moist); ; Medium clay; Firm consistence; Few (2 - 10 %), Unidentified, Fine (0 - 2 mm), Concretions; Few (2 - 10 %), Calcareous, , Concretions;

Morphological Notes

Observation Notes

91-107CM CARBONATE CONCRETIONS ARE ON SHEAR FACES:

Site Notes

Project Name: KOO
Project Code: KOO **Site ID:** C10 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

COOPER

Project Name: KOO

Project Code: KOO

Agency Name: CSIRO Division of Soils (NSW)

Site ID: C10

Observation ID: 1

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

Project Name: KOO
Project Code: KOO Site ID: C10 Observation ID: 1
Agency Name: CSIRO Division of Soils (NSW)

Laboratory Analyses Completed for this profile