

Project Name: KOO
Project Code: KOO Site ID: C11 Observation ID: 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:		Locality:	
Date Desc.:	07/07/54	Elevation:	126 metres
Map Ref.:		Rainfall:	380
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:	No Data
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 Mesotrophic 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	Yellowish red (5YR5/6-Moist); ; Sand; Single grain grade of structure; Moderately moist; Weak consistence;
A12	0.15 - 0.3 m	Yellowish red (5YR5/6-Moist); ; Sand; Single grain grade of structure; Moderately moist; Weak consistence;
A21	0.48 - 0.58 m	Reddish yellow (5YR6/6-Moist); ; Sand; Single grain grade of structure; Dry; Weak consistence; Clear change to -
A22	0.71 - 0.84 m	Reddish yellow (5YR6/6-Moist); ; Sand; Single grain grade of structure; Dry; Weak consistence;
B	0.84 - 1.09 m	Red (2.5YR4/8-Moist); , 7.5YR44; , 10YR66; Sandy medium clay; Massive grade of structure; Moderately moist; Firm consistence; Slightly plastic; Subplastic; Sharp change to -
	1.34 - 1.55 m	Red (2.5YR4/8-Moist); , 7.5YR44; , 10YR66; Sandy clay loam; Firm consistence; Gradual change to -

Morphological Notes

Observation Notes

>48CM MICACEOUS MATERIAL INCREASING DOWNWARDS: 84-109CM CLAY AND ROOT ON CLEAVAGES:

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