

**Project Name:** KOO  
**Project Code:** KOO      **Site ID:** C19      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (NSW)

**Site Information**

<b>Desc. By:</b>		<b>Locality:</b>	Boundary portions 15 and 42:
<b>Date Desc.:</b>	//	<b>Elevation:</b>	126 metres
<b>Map Ref.:</b>		<b>Rainfall:</b>	380
<b>Northing/Long.:</b>		<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>		<b>Drainage:</b>	Rapidly drained

**Geology**

<b>ExposureType:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	No Data

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Dunefield
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Dune	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Calcic Red Chromosol		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Red-brown earth

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 - None recorded  
Tall Strata - Tree, , . \*Species includes - None Recorded

**Surface Coarse Fragments:**

**Profile Morphology**

A1	0 - 0.1 m	Reddish brown (2.5YR4/4-Moist); ; Sand; Single grain grade of structure; Moist; Loose consistence;
A21	0.1 - 0.28 m	Dark red (2.5YR3/6-Moist); ; Sand; Single grain grade of structure; Moderately moist; Loose consistence; Diffuse change to -
A22	0.28 - 0.43 m	Dark red (2.5YR3/6-Moist); ; Sand; Single grain grade of structure; Moderately moist; Loose consistence;
B11	0.56 - 0.74 m	Red (2.5YR4/6-Moist); ; Sand; Single grain grade of structure; Moderately moist; Loose consistence; Abrupt, Irregular change to -
B12	0.74 - 0.86 m	Red (2.5YR5/6-Moist); ; Sand; Single grain grade of structure; Moderately moist; Loose consistence; Diffuse change to -
B21	1.22 - 1.37 m	Red (2.5YR4/8-Moist); ; Sandy clay loam; Moderately moist; Weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Irregular change to -
C	1.83 - 1.98 m	Red (2.5YR5/8-Moist); ; Sandy loam (Heavy); Moist; Weak consistence; 0-2%, medium gravelly, 6-20mm, Quartz, coarse fragments; Very few (0 - 2 %), Calcareous, , Soft segregations; Diffuse change to -

**Morphological Notes**

**Observation Notes**

MICA INCREASING THROUGHOUT PROFILE:74-86CM SLIGHTLY CEMENTED:

**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