

Project Name: DE
Project Code: DE **Site ID:** C422 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	W.M. MacArthur	Locality:	Cedar Log Creek Road 200M east of crossing Glenfermaiga Creek
Date Desc.:	24/11/59	Elevation:	830 metres
Map Ref.:	Sheet No. : 9337 1:100000	Rainfall:	1125
Northing/Long.:	152.483333333333	Runoff:	Rapid
Easting/Lat.:	-30.25	Drainage:	Moderately well drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Non-porous, dense, Basalt

Land Form

Rel/Slope Class:	Undulating low hills 30-90m 3-10%	Pattern Type:	Low hills
Morph. Type:	No Data	Relief:	30 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	5 %	Aspect:	0 degrees

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Red Ferrosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Krasnozern
No analytical data are available but confidence is fair.			

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Sod grass, 0.26-0.5m, . *Species includes - None recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

0 - 0.15 m	Dark reddish brown (2.5YR3/4-Moist); ; 2.5YR36, 20-50% ; , 20-50% ; Medium heavy clay; Weak grade of structure, 5-10 mm, Subangular blocky; Weak consistence;
0.15 - 0.3 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Weak grade of structure, 5-10 mm, Angular blocky; Weak consistence;
0.3 - 0.45 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Moderate grade of structure, 5-10 mm, Angular blocky; Weak consistence;
0.45 - 0.6 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Massive grade of structure; Weak consistence;
0.6 - 0.91 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Massive grade of structure; Earthy fabric; Weak consistence;
0.91 - 1.22 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Massive grade of structure; Earthy fabric; Weak consistence;
1.22 - 1.52 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Massive grade of structure; Earthy fabric; Weak consistence;
1.52 - 1.83 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Massive grade of structure; Earthy fabric; Weak consistence;
1.83 - 2.13 m	Dark reddish brown (2.5YR3/4-Moist); ; 2.5YR36, 20-50% ; , 20-50% ; Medium heavy clay; Moderate grade of structure, 5-10 mm, Angular blocky; Earthy fabric; Weak consistence;

Morphological Notes

Observation Notes

Site Notes

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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