

Project Name: DE
Project Code: DE **Site ID:** C421 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	W.M. MacArthur	Locality:	800M along Deervale Loop Road from Dorrigo/Armidale Road
Date Desc.:	24/11/59	Elevation:	1330 metres
Map Ref.:	Sheet No. : 9437 1:100000	Rainfall:	2000
Northing/Long.:	152.533333333333	Runoff:	Rapid
Easting/Lat.:	-30.4	Drainage:	Moderately well drained

Geology

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

Land Form

Rel/Slope Class:	Undulating low hills 30-90m 3-10%	Pattern Type:	Low hills
Morph. Type:	No Data	Relief:	50 metres
Elem. Type:	No Data	Slope Category:	Gently inclined
Slope:	4 %	Aspect:	325 degrees

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Dystrophic Red Kandosol		Principal Profile Form:	Gn4.11
ASC Confidence:		Great Soil Group:	Krasnozern
All necessary analytical data are available.			

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

Vegetation: Low Strata - Sod grass, 0.26-0.5m, . *Species includes - None recorded
Mid Strata - Fern, 0.51-1m, Isolated clumps. *Species includes - None recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

0 - 0.08 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam; Weak grade of structure, Granular; Firm consistence; Field pH 5.5 (pH meter);
0.08 - 0.23 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam; Weak grade of structure, Granular; Firm consistence; Field pH 5.6 (pH meter);
0.23 - 0.46 m	Dark reddish brown (2.5YR3/4-Moist); , 5YR34, 20-50% ; , 20-50% ; Light clay; Weak grade of structure, 2-5 mm, Subangular blocky; Firm consistence; Field pH 5.7 (pH meter);
0.46 - 0.61 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Weak grade of structure, 5-10 mm, Subangular blocky; Very weak consistence; Field pH 5.5 (pH meter);
0.61 - 0.91 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Weak grade of structure, 5-10 mm, Subangular blocky; Very weak consistence; Field pH 5.6 (pH meter);
0.91 - 1.22 m	Yellowish red (5YR4/6-Moist); ; Medium heavy clay; Very weak consistence; 20-50%, dispersed, coarse fragments;

Morphological Notes

Observation Notes

>90CM MANY STONES

Site Notes

DORRIGO EBOR

Project Name: DE

Project Code: DE

Agency Name: CSIRO Division of Soils (NSW)

Site ID: C421

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%

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		
m					g/g - m3/m3			mm/h	mm/h

Project Name: DE
Project Code: DE Site ID: C421 Observation ID: 1
Agency Name: CSIRO Division of Soils (NSW)

Laboratory Analyses Completed for this profile