

Project Name: DE
Project Code: DE **Site ID:** C431 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	W.M. MacArthur	Locality:	3KM along Paddys Plain Road from Dorrigo/Tyringham Road
Date Desc.:	17/11/59	Elevation:	900 metres
Map Ref.:	Sheet No. : 9437 1:100000	Rainfall:	1375
Northing/Long.:	152.673888888889	Runoff:	Moderately rapid
Easting/Lat.:	-30.248333333333	Drainage:	Moderately well drained

Geology

Exposure Type:	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 hills 90-300m 3-	Pattern Type:	Hills
Morph. Type:	No Data	Relief:	100 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	125 degrees

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Mesotrophic Red Ferrosol	Principal Profile Form:	Gn4.11
ASC Confidence:	Great Soil Group:	Krasnozem

Analytical data are incomplete but reasonable confidence.

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

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

0 - 0.15 m	Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Weak grade of structure, <2 mm, Granular; Weak consistence; Field pH 6.1 (pH meter);
0.15 - 0.3 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium heavy clay; Weak grade of structure, <2 mm, Granular; Weak consistence; Field pH 6.4 (pH meter);
0.3 - 0.6 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Massive grade of structure; Weak consistence; Field pH 6.5 (pH meter);
0.6 - 0.9 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Massive grade of structure; Weak consistence; Field pH 6.5 (pH meter);
0.9 - 1.2 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Weak grade of structure, 2-5 mm, Angular blocky; Weak consistence;
1.2 - 1.5 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; 2-5 mm, Angular blocky; Weak consistence;

Morphological Notes

Observation Notes

RESIDUAL OF BASALT PLATEAU

Site Notes

DORRIGO EBOR

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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