

**Project Name:** DE  
**Project Code:** DE **Site ID:** C430 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (NSW)

**Site Information**

<b>Desc. By:</b>	W.M. MacArthur	<b>Locality:</b>	2.6KM along Old Coast Road from junction with North Dorrigo Road
<b>Date Desc.:</b>	17/11/59	<b>Elevation:</b>	970 metres
<b>Map Ref.:</b>	Sheet No. : 9437 1:100000	<b>Rainfall:</b>	1750
<b>Northing/Long.:</b>	152.679444444444	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-30.3125	<b>Drainage:</b>	Moderately well 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>	Non-porous, dense, Basalt

**Land Form**

<b>Rel/Slope Class:</b>	Undulating hills 90-300m 3-	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	120 metres
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	5 %	<b>Aspect:</b>	0 degrees

**Surface Soil Condition (dry):** Firm

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Haplic Dystrophic Red Ferrosol	<b>Principal Profile Form:</b>	Gn4.11
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	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 red (2.5YR3/6-Moist); ; Medium clay; Weak grade of structure, 2-5 mm, Granular; Earthy fabric; Weak consistence; Field pH 5.5 (pH meter);
0.15 - 0.3 m	Dark red (10R3/6-Moist); ; Medium clay; 5-10 mm, Subangular blocky; Earthy fabric; Weak consistence; Field pH 6.2 (pH meter);
0.3 - 0.6 m	Dark red (10R3/6-Moist); ; Medium clay; 10-20 mm, Subangular blocky; Earthy fabric; Weak consistence; Field pH 6.4 (pH meter);
0.6 - 0.9 m	Dark red (10R3/6-Moist); ; Medium clay; 10-20 mm, Subangular blocky; Earthy fabric; Weak consistence; Field pH 6.1 (pH meter);
0.9 - 1.22 m	Dark red (10R3/6-Moist); ; Medium clay; 10-20 mm, Subangular blocky; Earthy fabric; Weak consistence; 0-2%, coarse gravelly, 20-60mm, dispersed, Basalt, coarse fragments;
1.22 - 1.37 m	Dark red (10R3/6-Moist); ; Medium clay; 10-20 mm, Subangular blocky; Earthy fabric; Weak consistence; 0-2%, coarse gravelly, 20-60mm, dispersed, Basalt, coarse fragments;

**Morphological Notes**

**Observation Notes**

MUCH WORM ACTIVITY TO 90CM

**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