

Project Name: DE
Project Code: DE **Site ID:** C434 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	W.M. MacArthur	Locality:	400M along Bald Hills Road from Doorigo/Armidale Road
Date Desc.:	22/11/59	Elevation:	1400 metres
Map Ref.:	Sheet No. : 9337 1:100000	Rainfall:	1875
Northing/Long.:	152.443611111111	Runoff:	Moderately rapid
Easting/Lat.:	-30.367777777778	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:	Rolling low hills 30-90m 10-	Pattern Type:	Low hills
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Bench	Slope Category:	Level
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Brown Ferrosol		Principal Profile Form:	Um6.12
ASC Confidence:		Great Soil Group:	Chocolate soil

Analytical data are incomplete but reasonable confidence.

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - Sod grass, 0.26-0.5m, Closed or dense. *Species includes - Bothriochloa decipiens
Tall Strata - Tree, , Sparse. *Species includes - Eucalyptus fastigata

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

0 - 0.15 m	; Light clay; Moderate grade of structure, <2 mm, Subangular blocky; Very weak consistence; Field pH 5.6 (pH meter);
0.15 - 0.23 m	Dark brown (7.5YR3/4-Moist); , 10-20% ; , 10-20% ; Medium heavy clay; Moderate grade of structure, <2 mm, Subangular blocky; Weak consistence; Field pH 5.6 (pH meter);
0.23 - 0.46 m	Brown (7.5YR4/4-Moist); ; Medium heavy clay; Strong grade of structure, 5-10 mm, Subangular blocky; Weak consistence; Field pH 5.7 (pH meter);
0.46 - 0.76 m	Brown (7.5YR4/4-Moist); ; Medium heavy clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Weak consistence; 2-10%, coarse gravelly, 20-60mm, dispersed, Basalt, coarse fragments; Field pH 5.5 (pH meter);
0.76 - 1.07 m	Strong brown (7.5YR4/6-Moist); ; Medium heavy clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Weak consistence; 2-10%, coarse gravelly, 20-60mm, dispersed, Basalt, coarse fragments;
1.07 - 1.07 m	; 10-20%, coarse gravelly, 20-60mm, dispersed, Basalt, coarse fragments;

Morphological Notes

Observation Notes

MIDDLE OF STEPPED LANDSCAPE

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

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Laboratory Analyses Completed for this profile