

Project Name: DE
Project Code: DE **Site ID:** C423 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	W.M. MacArthur	Locality:	8.5KM from east end Deervale Loop Road:1.1KM east Gangara Hall
Date Desc.:	24/11/59	Elevation:	970 metres
Map Ref.:	Sheet No. : 9437 1:100000	Rainfall:	1750
Northing/Long.:	152.605833333333	Runoff:	Rapid
Easting/Lat.:	-30.3263888888889	Drainage:	Imperfectly drained

Geology

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

Land Form

Rel/Slope Class:	Rolling low hills 30-90m 10-	Pattern Type:	Plateau
Morph. Type:	No Data	Relief:	70 metres
Elem. Type:	Hillslope	Slope Category:	Moderately inclined
Slope:	14 %	Aspect:	0 degrees

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Acidic Dystrophic Brown Dermosol		Principal Profile Form:	Dy5.51
ASC Confidence:		Great Soil Group:	Yellow podzolic soil
All necessary analytical data are available.			

Site Disturbance: No effective disturbance. Natural

Vegetation:

Tall Strata - Tree, , Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

0 - 0.15 m	; Clay loam; Weak grade of structure, 2-5 mm, Granular; Weak consistence; Field pH 5.8 (pH meter);
0.15 - 0.3 m	Yellowish brown (10YR5/4-Moist); ; Medium clay; Moderate grade of structure, 5-10 mm, Angular blocky; Weak consistence; Field pH 5.6 (pH meter);
0.3 - 0.45 m	Yellowish brown (10YR5/4-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Weak consistence; Common cutans, 10-50% of ped faces or walls coated, distinct; Field pH 5.5 (pH meter);
0.45 - 0.6 m	Strong brown (7.5YR5/6-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Weak consistence; Common cutans, 10-50% of ped faces or walls coated, distinct; Field pH 5.3 (pH meter);
0.6 - 0.91 m	Strong brown (7.5YR5/6-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Weak consistence;
0.91 - 1.22 m	Yellowish brown (10YR5/6-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Weak consistence;

Morphological Notes

Observation Notes

SLIGHT STONE LINE 23CM:PALEOZOIC SEDIMENTS

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