

Project Name: DE
Project Code: DE **Site ID:** C426 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	W.M. MacArthur	Locality:	Point Lookout Road 1.9KM from GRafton Road:20M south of road
Date Desc.:	09/12/59	Elevation:	1470 metres
Map Ref.:	Sheet No. : 9336 1:100000	Rainfall:	2000
Northing/Long.:	152.311666666667	Runoff:	Moderately rapid
Easting/Lat.:	-30.5175	Drainage:	Moderately well drained

Geology

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

Land Form

Rel/Slope Class:	Undulating low hills 30-90m 3-10%	Pattern Type:	Low hills
Morph. Type:	Lower-slope	Relief:	30 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	45 degrees

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Dystrophic Red Kandosol		Principal Profile Form:	Gn2.11
ASC Confidence:		Great Soil Group:	Red earth
All necessary analytical data are available.			

Site Disturbance: No effective disturbance. Natural

Vegetation:

Tall Strata - Tree, , Closed or dense. *Species includes - Eucalyptus fastigata

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

0 - 0.15 m	Dark brown (7.5YR3/2-Moist); ; Sandy clay loam; Weak grade of structure, 2-5 mm, Granular; Very weak consistence; Field pH 5.6 (pH meter);
0.15 - 0.3 m	Reddish brown (5YR4/4-Moist); ; Clay loam; Weak grade of structure, 2-5 mm, Granular; Weak consistence; Field pH 5.6 (pH meter);
0.3 - 0.6 m	Yellowish red (5YR4/6-Moist); ; Clay loam; Weak grade of structure, 2-5 mm, Granular; Weak consistence; Field pH 5.5 (pH meter);
0.6 - 0.9 m	Yellowish red (5YR4/6-Moist); ; Light clay; Weak grade of structure, 2-5 mm, Granular; Weak consistence; Field pH 5.5 (pH meter);
0.9 - 1.2 m	Strong brown (7.5YR5/6-Moist); ; Sandy clay loam; Weak grade of structure, 5-10 mm, Angular blocky; Weak consistence;

Morphological Notes

Observation Notes

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