

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN8 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	22/06/88	Elevation:	210 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6096700 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	511300 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Undulating low hills 30-90m 3-10%	Pattern Type:	Low hills
Morph. Type:	Lower-slope	Relief:	50 metres
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	260 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	GN2.82
		Great Soil Group:	N/A

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation:

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); ; Clay loam, fine sandy; Moderate grade of structure; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;
A2	0.1 - 0.3 m	Weak red (2.5YR5/2-Moist); Light brownish grey (10YR6/2-Dry); ; Clay loam, fine sandy; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;
B1	0.3 - 0.5 m	Light brownish grey (10YR6/2-Moist); , 7.5YR58, 10-20% , 5-15mm, Distinct; Silty clay loam; Common (10 - 20 %), Manganiferous, Coarse (6 - 20 mm), Nodules; Common (10 - 20 %), Ferruginous, Coarse (6 - 20 mm), Nodules;
B2	0.5 - 0.8 m	Pale brown (10YR6/3-Moist); ; Fine sandy clay;

Morphological Notes

A2	Not bleached.
B1	Comm. medium and large hard rounded conc.
B2	Comm. medium and large hard rounded conc.

Observation Notes

Vacant block, good cover of gras, clover and broadleaf weeds. 20m box trees, simple lower slope 1%, 1.5km from 50m rolling hills. Weak A2, texture contrast, no CO3. Podzolic, Red Earth? NSG. Could have been disturbed.

Site Notes

The Rock

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Laboratory Analyses Completed for this profile

13_NR_MN	Extractable Mn(%) - Not recorded
15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct