

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN19 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	23/08/88	Elevation:	290 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6076800 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	524100 Datum: AGD66	Drainage:	Well 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 rises 9-30m 3-10%	Pattern Type:	Low hills
Morph. Type:	Upper-slope	Relief:	10 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	7 %	Aspect:	100 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:	DR2.22
		Great Soil Group:	N/A

Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

Tall Strata - Sod grass, <0.25m, Mid-dense. *Species includes - None Recorded

Surface Coarse Fragments: 2-10%, cobbly, 60-200mm, subangular, Quartz

Profile Morphology

Ap	0 - 0.1 m	Brown (7.5YR4/4-Moist); ; Coarse sandy loam; 0-2%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; Very few (0 - 2 %), Ferruginous, Fine (0 - 2 mm), Nodules;
A2	0.1 - 0.2 m	Reddish brown (5YR4/4-Moist); Light reddish brown (5YR6/4-Dry); ; Sandy loam; 10-20%, medium gravelly, 6-20mm, subangular platy, Quartz, coarse fragments; 10-20%, medium gravelly, 6-20mm, subangular platy, Other, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;
B21	0.2 - 0.5 m	Red (2.5YR4/8-Moist); ; Sandy clay; 2-10%, fine gravelly, 2-6mm, subangular tabular, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;
B22	0.5 - 0.6 m	Yellowish red (5YR5/6-Moist); ; Sandy clay; 2-10%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments; 2-10%, medium gravelly, 6-20mm, subangular tabular, Other, coarse fragments; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; Very few (0 - 2 %), Ferruginous, Fine (0 - 2 mm), Nodules;

Morphological Notes

A2	Pale A2.
B22	Hit rocks below 60cm.

Observation Notes

top slope of small rolling hill. Medium vegetation cover of grass and clover pasture. Grazing paddock relief 10m. Weakly bleached A2, duplex red profile, earthy. Red Podzolic?

Site Notes

Mangoplah

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[illegible]

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Laboratory Analyses Completed for this profile

13_NR_AL	Extractable Al(%) - Not recorded
13_NR_MN	Extractable Mn(%) - Not recorded
15_NR_AL	Exchangeable aluminium - method 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