

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN193 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	13/10/88	Elevation:	280 metres
Map Ref.:	Sheet No. : 8328 1:100000	Rainfall:	No Data
Northing/Long.:	6179400 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	514600 Datum: AGD66	Drainage:	Moderately 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:	No Data	Pattern Type:	Rises
Morph. Type:	Lower-slope	Relief:	5 metres
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	90 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:	Dr3.21
		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:

Profile Morphology

Ap	0 - 0.1 m	Dark reddish brown (5YR3/3-Moist); ; Sandy clay loam; 0-2%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules;
A2	0.1 - 0.3 m	Reddish brown (5YR4/4-Moist); ; Fine sandy loam; 0-2%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules;
A3	0.3 - 0.5 m	Yellowish red (5YR4/6-Moist); ; Sandy clay loam;
B21	0.5 - 0.6 m	Yellowish red (5YR4/6-Moist); , 5YR58, 10-20% , 15-30mm, Distinct; , 5YR58, 10-20% , 15-30mm, Distinct; Sandy light clay;

Morphological Notes

A2 Pale A2

Observation Notes

A2. Strange duplex, brown soil. Too hard to sample below 60 cm. May be weathering s/s. RBE??NCBS.

Site Notes

Flogged grazing paddock. Sparse, barely grass = broadleaves. Ray Dyson, Pineview.

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils Site ID: AN193 Observation ID: 1
Agency Name: CSIRO Land and Water (ACT)

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%
0 - 0.1	4.99B		5.21K	1.24	1.16	0.09			
0.1 - 0.2	5.12B		5.77K	1.41	0.61	0.07			
0.2 - 0.3	5.06B		3.96K	1.17	0.35	0.09			
0.3 - 0.4	5.09B		2.47K	1.12	0.22	0.12			
0.4 - 0.5	4.91B								
0.5 - 0.6	4.83B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN193 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

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