

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN41 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	21/07/88	Elevation:	220 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6099300 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	510700 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:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Simple-slope	Relief:	10 metres
Elem. Type:	Footslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	270 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:	DY3.11
		Great Soil Group:	N/A

Site Disturbance: Cultivation. Rainfed

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Reddish brown (5YR4/3-Moist); ; Fine sandy loam; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
A3	0.1 - 0.3 m	Yellowish red (5YR5/6-Moist); ; Fine sandy loam; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
B21	0.3 - 0.5 m	Brownish yellow (10YR6/6-Moist); , 2.5YR46, 10-20% , 5-15mm, Distinct; Clay loam, fine sandy (Light); 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
B22	0.5 - 0.8 m	Yellowish brown (10YR5/6-Moist); ; Light clay;

Morphological Notes

Observation Notes

Lower slope far rises 1000m away. Grasses and radish, cropping paddock which missed out. Gradational Yellow podzolic similar to 38 & 39. Podzolic Yellow Earth.

Site Notes

The Rock

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN41
Agency Name: CSIRO Land and Water (ACT)

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		%
						Cmol	(+)/kg		
0 - 0.1	5.02B		3.43K	0.78	1.12	0.06			
0.1 - 0.2	4.68B		2.5K	0.71	0.65	0.05			
0.2 - 0.3	4.83B		1.51K	0.56	0.28	0.06			
0.3 - 0.4	5.01B		2.39K	2.51	0.3	0.17			
0.4 - 0.5	4.98B								
0.7 - 0.8	5.46B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN41 **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