

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN39 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	21/07/88	Elevation:	240 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6087800 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	506300 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:	225 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	DY2.12
ASC Confidence:		Great Soil Group:	N/A
Confidence level not specified			

Site Disturbance: Cultivation. Rainfed

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.15 m	Dark reddish brown (5YR3/3-Moist); ; Fine sandy loam (Heavy);
A3	0.15 - 0.4 m	Red (2.5YR4/6-Moist); ; Clay loam, fine sandy;
B21	0.4 - 0.6 m	Yellowish red (5YR5/6-Moist); ; Light clay;
B22	0.6 - 0.8 m	Strong brown (7.5YR5/8-Moist); , 2.5YR48, 2-10% , 5-15mm, Distinct; Light clay;

Morphological Notes

Observation Notes

Grazing paddock. Stubble, grass and clover. Footslope 800m from crest of steep hill. Yellow Podzolic?

Site Notes

Yerong Creek

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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 Cmol (+)/kg	Acidity		%
0 - 0.1	4.39B		2.43K	0.42	0.89	0.03			
0.15 - 0.2	4.73B		3.23K	0.58	0.43	0.02			
0.2 - 0.3	5.12B		3.43K	0.67	0.41	0.02			
0.3 - 0.4	5.71B		4.94K	1.43	0.38	0.05			
0.4 - 0.5	6.15B								
0.7 - 0.8	6.64B								

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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