

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN94 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	09/08/88	Elevation:	310 metres
Map Ref.:	Sheet No. : 8328 1:100000	Rainfall:	No Data
Northing/Long.:	6166200 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	535300 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:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Lower-slope	Relief:	5 metres
Elem. Type:	Footslope	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	50 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:	GN2.12
		Great Soil Group:	N/A

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

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 - 0.1 m	Dark reddish brown (5YR3/2-Moist); ; Sandy clay loam; 0-2%, fine gravelly, 2-6mm, subrounded, coarse fragments;
A3	0.1 - 0.3 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam, fine sandy; 0-2%, fine gravelly, 2-6mm, subrounded, coarse fragments;
B21	0.3 - 0.5 m	Dark red (2.5YR3/6-Moist); ; Sandy light clay;
B22	0.5 - 0.8 m	Red (2.5YR4/6-Moist); ; Clay loam, fine sandy; 2-10%, medium gravelly, 6-20mm, angular, coarse fragments;

Morphological Notes

Observation Notes

Monaro. Grazing, grasses>clover. 1km from 10m crest. Gradational profile, no carbonate. Red Earth (brown version).

Site Notes

Temora

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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	5.01B		5.02K	0.63	0.88	0.03			
0.1 - 0.2	5.54B		7.56K	0.88	0.58	0.01			
0.2 - 0.3	6.07B		6.71K	0.94	0.41	0.03			
0.3 - 0.4	6.31B		6.79K	1.07	0.35	0.06			
0.4 - 0.5	6.45B								
0.7 - 0.8	6.53B								

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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