

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN167 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	10/10/88	Elevation:	240 metres
Map Ref.:	Sheet No. : 8328 1:100000	Rainfall:	No Data
Northing/Long.:	6128400 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	512700 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:	No Data	Relief:	10 metres
Elem. Type:	Hillcrest	Slope Category:	Level
Slope:	0 %	Aspect:	No Data

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:	GN2.11
		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: No surface coarse fragments

Profile Morphology

Ap	0 - 0.1 m	Yellowish red (5YR4/6-Moist); ; Coarse sandy loam; 10-20%, medium gravelly, 6-20mm, subangular, Granite, coarse fragments;
B21	0.1 - 0.5 m	Red (2.5YR4/6-Moist); ; Sandy clay loam, fine sandy; 20-50%, medium gravelly, 6-20mm, subangular, Granite, coarse fragments;
B22	0.5 - 0.8 m	Strong brown (7.5YR5/6-Moist); ; Clay loam, coarse sandy; 20-50%, medium gravelly, 6-20mm, subangular, Granite, coarse fragments;

Morphological Notes

Ap Stoney.

Observation Notes

Poor grazing, Capeweed=barley grass=clover, on crest of small rise. Similar to AN162 to AN165 but stoney. Gradational red profile. Stoney Red Earth.

Site Notes

Currawarna

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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	4.29B		2.24K	0.54	0.8	0.07			
0.1 - 0.2	4.6B		3.13K	1.17	0.74	0.06			
0.2 - 0.3	5.25B		4.64K	2.38	0.8	0.07			
0.3 - 0.4	5.47B		5.3K	3.54	0.8	0.07			
0.4 - 0.5	5.57B								
0.7 - 0.8	5.38B								

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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