

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN3 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	21/06/88	Elevation:	225 metres
Map Ref.:	Sheet No. : 8326 1:100000	Rainfall:	No Data
Northing/Long.:	6060800 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	503800 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:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	3 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	0.2 %	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:	DR2.42
		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

Ap	0 - 0.08 m	Dark brown (7.5YR3/4-Moist); ; Loamy fine sand;
A2	0.08 - 0.15 m	Strong brown (7.5YR5/6-Moist); Pink (7.5YR7/4-Dry); ; Loamy fine sand; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;
B21	0.15 - 0.4 m	Red (2.5YR4/7-Moist); , 10YR64, 2-10% , 0-5mm, Distinct; Light medium clay;
B22	0.4 - 0.8 m	Yellowish brown (10YR5/8-Moist); ; Heavy clay;

Morphological Notes

A2	Bleached A2
B22	Comm. soft small Mn conc. rounded, no CO3.

Observation Notes

Undulating plain on slight rise, 200m from small ck, 2km from hills. Flat grazing pdck, sorrel, grass & clover, 20m box trees. No erosion evident, no coarse frag. On bench above drainage line? RBE? Bleached A2, duplex, no CO3, Red Podzolic.

Site Notes

Culcairn

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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