

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN2 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	21/06/88	Elevation:	215 metres
Map Ref.:	Sheet No. : 8326 1:100000	Rainfall:	No Data
Northing/Long.:	6054100 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	503700 Datum: AGD66	Drainage:	Poorly 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:	2 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	0.1 %	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:	DY3.11
		Great Soil Group:	N/A

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

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

Ap	0 - 0.13 m	Brown (10YR4/3-Moist); ; Silty clay loam;
B1	0.13 - 0.28 m	Yellowish red (5YR5/8-Moist); , 10YR53, 10-20% , 5-15mm, Distinct; Light clay;
B21	0.28 - 0.6 m	Yellowish brown (10YR5/6-Moist); , 10YR64, 2-10% , 0-5mm, Distinct; Medium clay;
B22	0.6 - 0.8 m	Yellowish brown (10YR5/6-Moist); , 10YR42, 2-10% , 15-30mm, Distinct; Medium clay;

Morphological Notes

Observation Notes

Colin Gardiner. Very flat on undulating plain, 2m relief. Grazing paddock, mod clover, grasses & broadleaf weeds, 20m box trees. No erosion evident. No coarse frags. Light medium brown clay profile, no CO3, no A2, Soloth? Brown Clay, Y Pod.

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