

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN213 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	Culcairn
Date Desc.:	16/05/89	Elevation:	230 metres
Map Ref.:	Sheet No. : 8326 1:100000	Rainfall:	No Data
Northing/Long.:	6049500 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	507800 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 low hills 30-90m 3-10%	Pattern Type:	Low hills
Morph. Type:	No Data	Relief:	50 metres
Elem. Type:	Footslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	360 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:	Dy3.21
		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	Brown (7.5YR4/2-Moist); ; Sandy clay loam, fine sandy; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Manganiferous, Medium (2 -6 mm), Nodules; Sharp change to -
A2	0.1 - 0.3 m	Strong brown (7.5YR4/6-Moist); Light brown (7.5YR6/4-Dry); ; Clay loam, fine sandy; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Manganiferous, Medium (2 -6 mm), Nodules; Gradual change to -
B21	0.3 - 0.6 m	Yellowish brown (10YR5/6-Moist); ; Sandy light clay; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Manganiferous, Medium (2 -6 mm), Nodules; Gradual change to -
B22	0.6 - 0.8 m	Yellowish brown (10YR5/6-Moist); , 2.5YR46, 20-50% , 5-15mm, Distinct; Light clay; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules;

Morphological Notes

Observation Notes

Site Notes

lower oart of a 500m long footslope.

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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