

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN208 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	Holbrook
Date Desc.:	16/05/89	Elevation:	260 metres
Map Ref.:	Sheet No. : 8326 1:100000	Rainfall:	No Data
Northing/Long.:	6046200 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	523300 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:	No Data	Relief:	2 metres
Elem. Type:	Plain	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:	Dy2.42
		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

A1	0 - 0.1 m	Brown (10YR4/3-Moist); ; Fine sandy loam;
A2e	0.1 - 0.3 m	Pale brown (10YR6/3-Moist); Light grey (10YR7/2-Dry); ; Sandy clay loam, fine sandy; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;
B21	0.3 - 0.8 m	Yellowish brown (10YR5/6-Moist); ; Medium clay;

Morphological Notes

Observation Notes

Site Notes

Alistair McCoy Ohio. Reasonable cover of clover and grasses in flat grazing paddock 50m from small drainage line to west.

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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	Acidity		%
						Cmol (+)/kg			
0 - 0.1	3.97B		1.75K	0.39	0.17	0.19			
0.1 - 0.2	4.02B		0.94K	0.25	0.11	0.09			
0.2 - 0.3	4.33B		0.6K	0.37	0.09	0.07			
0.3 - 0.4	4.86B		3.95K	3.29	0.27	0.3			
0.4 - 0.5	5.55B								
0.7 - 0.8	5.84B								

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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