

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN161 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	30/09/88	Elevation:	250 metres
Map Ref.:	Sheet No. : 8326 1:100000	Rainfall:	No Data
Northing/Long.:	6056900 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	523700 Datum: AGD66	Drainage:	Imperfectly 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 %	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:	DB2.22
		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 - 0.1 m	Brown (10YR4/3-Moist); ; Clay loam;
A2	0.1 - 0.3 m	Yellowish brown (10YR5/4-Moist); Pale brown (10YR6/3-Dry); ; Clay loam; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;
B21	0.3 - 0.6 m	Strong brown (7.5YR4/6-Moist); , 2.5YR46, 20-50% , 5-15mm, Distinct; Light clay; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;
B22	0.6 - 0.8 m	Strong brown (7.5YR4/6-Moist); , 2.5YR46, 10-20% , 0-5mm, Distinct; , 7.5YR62, 10-20% , 0-5mm, Distinct; Light clay; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;

Morphological Notes

A2 Pale A2.

Observation Notes

Grazing clover=grasses. Heavier surface, gradational yellowish-red profile, no CO3. Yellow podzolic red podzolic intergrade, more like yellow podzolic with red mottling. Brown Podzolic? Y/R Podzolic.

Site Notes

Wagga Wagga

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils Site ID: AN161 Observation ID: 1
Agency Name: CSIRO Land and Water (ACT)

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	4.11B		0.88K	0.23	0.34	0.06			
0.1 - 0.2	4.09B		0.79K	0.21	0.23	0.04			
0.2 - 0.3	4.21B		1.42K	0.53	0.22				
0.3 - 0.4	4.4B		2.34K	1.14	0.25	0.04			
0.4 - 0.5	4.85B								
0.7 - 0.8	6.05B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN161 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

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