

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN151 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	29/09/88	Elevation:	320 metres
Map Ref.:	Sheet No. : 8326 1:100000	Rainfall:	No Data
Northing/Long.:	6068600 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	517900 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:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	10 metres
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	90 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:	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

Ap	0 - 0.1 m	Dark brown (7.5YR3/4-Moist); ; Silty loam; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules;
A2	0.1 - 0.4 m	Yellowish brown (10YR5/4-Moist); Very pale brown (10YR7/4-Dry); ; Fine sandy loam; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules;
B21	0.4 - 0.6 m	Yellowish brown (10YR5/8-Moist); ; Light clay;
B22	0.6 - 0.8 m	Yellowish brown (10YR5/8-Moist); , 10YR64, 10-20% , 0-5mm, Distinct; Light clay;

Morphological Notes

A2 Conspicuous bleached A2.

Observation Notes

Clover, grasses and broadleaves. No CO3, duplex yellow profile, sandy pale A2, very similar to AN150. Yellow Podzolic.

Site Notes

Wagga Wagga

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils Site ID: AN151 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	4.13B		1.05K	0.31	0.31	0.07			
0.1 - 0.2	4.55B		1.32K	0.42	0.2	0.08			
0.2 - 0.3	5.1B		1.27K	0.55	0.12				
0.3 - 0.4	5.19B		2.62K	2.82	0.26	0.25			
0.4 - 0.5	5.21B								
0.7 - 0.8	6.04B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN151 **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