

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN152 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	29/09/88	Elevation:	300 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6075300 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	515400 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:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Flat	Relief:	5 metres
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	240 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:	DY2.41
		Great Soil Group:	N/A

Site Disturbance: Cultivation. Rainfed

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 (10YR3/3-Moist); ; Fine sandy loam (Heavy); Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules;
A2	0.1 - 0.3 m	Yellowish brown (10YR5/4-Moist); Very pale brown (10YR7/3-Dry); ; Clay loam; Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules;
B21	0.3 - 0.5 m	Yellowish brown (10YR5/8-Moist); ; Light clay; Very few (0 - 2 %), Ferromanganiferous, Fine (0 - 2 mm), Nodules;
B22	0.5 - 0.8 m	Yellowish brown (10YR5/8-Moist); , 10YR48, 10-20% , 0-5mm, Distinct; Light clay; Few (2 - 10 %), , Medium (2 -6 mm), Nodules;

Morphological Notes

A2 Conspicuous bleached A2.

Observation Notes

Pasture phase clover=grasses. Similar to AN150 & AN151 but more gradational, no CO3. Yellow Podzolic.

Site Notes

Wagga Wagga

Project Name: Acids Soils in South Eastern Australia

Project Code: AcidSoils **Site ID:** AN152

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	4.48B		1.37K	0.32	0.32	0.06			
0.1 - 0.2	4.82B		2.27K	0.52	0.22	0.06			
0.2 - 0.3	5.21B		3.45K	1.04	0.25	0.01			
0.3 - 0.4	5.49B		4.9K	1.97	0.31	0.12			
0.4 - 0.5	5.61B								
0.7 - 0.8	5.56B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN152 **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