

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN127 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	27/09/88	Elevation:	270 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6090900 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	534300 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:	Undulating plains <9m 3-10%	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:	DY3.41
		Great Soil Group:	Yellow podzolic soil

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	Brown (7.5YR4/2-Moist); ; Fine sandy loam; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;
A2	0.1 - 0.4 m	Brown (7.5YR5/4-Moist); Pinkish grey (7.5YR7/2-Dry); ; Fine sandy loam; Few (2 - 10 %), Ferruginous, Coarse (6 - 20 mm), Nodules;
B21	0.4 - 0.8 m	Brown (7.5YR5/4-Moist); , 2.5YR48, 10-20% , 5-15mm, Distinct; , 10YR58, 10-20% , 5-15mm, Distinct; Light clay;

Morphological Notes

A2 Bleached A2.

Observation Notes

On slight 1m rise on undulating plain, may be on an old levee? Duplex yellowish red profile, no CO3. Very fine sandy Yellowish Podzolic.

Site Notes

Wagga Wagga

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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 Cmol (+)/kg	Acidity		%
0 - 0.1	3.74B		0.27K	0.1	0.08	0.03			
0.1 - 0.2	3.89B		0.05K	0.04	0.08	0.06			
0.2 - 0.3	3.98B		0.15K	0.04	0.07	0.07			
0.3 - 0.4	3.99B		0.15K	0.07	0.06	0.03			
0.4 - 0.5	3.71B								

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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