Project Name:	Acids Soils in South Eastern Australia						
Project Code:	AcidSoils	Site ID:	AN142				
Agency Name:	CSIRO Land	and Water (A	CT)				

### Observation ID: 1

Site Information										
Desc. By	v:	G. W. Geev	ves	Locality	<i>r</i> :					
Date De	sc.:	29/09/88		Elevatio	on:	290 metr	es			
Map Ref		Sheet No. :	: 8327 1:100000	Rainfall	:	No Data				
Northing	g/Long.:	6083700 Al	MG zone: 55	Runoff:		Moderate	ely rapid			
Easting/	'Lat.:	516300 D	atum: AGD66	Drainag	e:	Moderate	ely well d	rained		
Geolog	y									
Exposur	eType:	Auger borir	ng	Conf. Su	ub. is Pare	nt. Mat.:	No Data	а		
Geol. Re	ef.:	No Data	Ū.	Substra	te Material	:	No Data	а		
Land Fo	orm									
	e Class:	No Data		Pattern	Type:	Low hills				
Morph.		Lower-slop	)e	Relief:	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	40 metre				
Elem. Ty		Hillslope		Slope C	ategory:	Gently in	clined			
Slope:	•	4 %		Aspect:	• •	230 degr				
Surface	e Soil Co	ondition (d	<b>ry):</b>	-		-				
Erosior	า:									
Soil Cla	assificat	ion								
	an Soil C	lassificatior	n:		••	ng Unit:	_	N/A		
N/A						oal Profile		DR2.21		
	onfidence	-			Great S	Soil Group	p:	N/A		
		not specified								
Site Dis	sturbanc	:e: Complet	te clearing. Pastur	e, native or imp	proved, culti	vated at so	ome stag	е		
Vegetat	tion:									
		Tall Stra	ata - Sod grass, <0	0.25m, Closed o	or dense. *S	Species inc	cludes - N	Ione Record	ded	
Surface Coarse Fragments: No surface coarse fragments										
Profile	Morpho	loav								
Ар	0 - 0.1 m		wn (10YR4/3-Mois	t) <sup></sup> Sandy loam	n <sup>.</sup> 2-10%, fir	ne gravelly	/. 2-6mm	subangular	r. Quartz, coar	se
, ib	0 0.1 11		ments;	ity, , Carray loan	I, <b>2</b> 1070, III	io graveny	, 2 01111	, ousangula	, quantz, oour	00
A2	0.1 - 0.5	m C+ro	ng brown (7 EVDE	(6 Moiot) I inht	brown (7 F		()···   00~	woond 0.4	0% fine ares	
AZ	0.1 - 0.5		ong brown (7.5YR5 mm, subangular, C							
			), Nodules;	(duitz, 000/00 11	aginoitto, v	0.9.1011 (0	~ <i></i> ,0), (	, aonaina a		
		,	,, ,							
B21	05-08	m Rod	1 (2 5VR1/6-Moiet)	· · Clay loam						

Red (2.5YR4/6-Moist); ; Clay loam; B21 0.5 - 0.8 m

Morphological Notes A2 Pale A2.

## **Observation Notes**

May have limed some paddocks. Duplex red profile, deep pale A2, no CO3, looks like red brown earth, Red Podzolic?

# Site Notes

Wagga Wagga

Project Name:	Acids Soils in S			
Project Code:	AcidSoils	Site ID:	AN142	<b>Observation ID:</b>
Agency Name:	CSIRO Land and	d Water (A0	CT)	

## Laboratory Test Results:

Depth	pН	1:5 EC		hangeable			changeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	К	Na Cmol (+)/	Acidity kg			%
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.7 - 0.8	5B 3.96B 4.05B 4.35B 4.63B 4.86B		2.53K 0.23K 0.05K 0.61K	0.32 0.07 0.02 0.12	0.22 0.09 0.1 0.06	0.05 0.02				
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Partic GV CS		Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3	GV 00	%	Sint Cidy
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.7 - 0.8										
Depth	COLE		Grav	imetric/V	olumetric V	Vater Conte	ents	ł	( sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar /g - m3/m	1 Bar 3	5 Bar 15 I		ım/h	mm/h
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4										

1

0.4 - 0.5 0.7 - 0.8

#### **Project Name:** Acids Soils in South Eastern Australia Project Code: AcidSoils Site ID: AN142 Agency Name: **CSIRO Land and Water (ACT)**

#### Observation ID: 1

## 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 15\_NR\_K
- Exchangeable aluminium method not recorded Exch. basic cations (Ca++) meq per 100g of soil Not recorded Exch. basic cations (K++) meq per 100g of soil Not recorded Exch. basic cations (Mg++) meq per 100g of soil Not recorded Exch. basic cations (Na++) meq per 100g of soil Not recorded pH of 1:5 soil/0.01M calcium chloride extract direct 15\_NR\_MG
- 15\_NR\_NA
- 4B1