Project Name: Acids Soils in South Eastern Australia Project Code: AcidSoils Site ID: AN59 Observation ID: 1 Agency Name: CSIRO Land and Water (ACT)								
Site Information								
Desc. By: G. W. Geeves   Date Desc.: 27/07/88   Map Ref.: Sheet No. : 8428 1:100000   Northing/Long.: 6141600 AMG zone: 55 546500   Easting/Lat.: 546500 Datum: AGD66			Locality: Elevation: Rainfall: Runoff: Drainage:	240 metres No Data Moderately rapid Moderately well drained				
<u>Geology</u> ExposureTyp Geol. Ref.:		er boring Data	Conf. Sub. is Pare Substrate Materia					
Morph. Type: Elem. Type: Slope:	I/Slope Class:Undulating rises 9-30m 3-10%orph. Type:Mid-slopeem. Type:Hillslopeope:1.5 %		Pattern Type: Relief: Slope Category: Aspect:	Rises 5 metres Very gently No Data	1			
Surface Soil	<u>Condit</u>	<u>ion (dry):</u>						
Erosion:	_							
Soil Classifi	<u>cation</u>							
Australian So N/A ASC Confide Confidence le	nce:		Mapping Unit: N/A Principal Profile Form: GN2.12 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								
		gments: No surface coarse	fragments					
Profile Morphology   A1 0 - 0.1 m   Dark reddish brown (5YR3/3-Moist); ; Fine sandy loam (Heavy); 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;								
A3 0.1 -	0.3 m	Dark reddish brown (5YR3/4-Moist); ; Clay loam, fine sandy; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;						
B21 0.3 -	B21 0.3 - 0.6 m Red (2.5YR4/6-Moist); ; Sandy clay; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;							
B22 0.6 -	).8 m	Yellowish red (5YR5/8-Mois	st); ; Sandy clay; 0-29	%, fine gravel	lly, 2-6r	nm, subangular, Quartz,		

B22 0.6 - 0.8 m Yellowish red (5YR5/8-Moist); ; Sandy clay; 0-2%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments;

# Morphological Notes

### **Observation Notes**

Gordon Turner. Simple midslope on undulating rises. Grazing paddock, grasses and clover. CaCO3 at 70-80cm. Red Earth. Site Notes

Old Junee

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# Laboratory Test Results:

Depth	рН	1:5 EC		hangeable Mg	e Cations K	E Na	xchangeable Acidity	CEC	ECEC	ESP
m		dS/m	Ga	wig	n	Cmol (+)				%
0 - 0.1	4.55B		4.25K	0.71	1.2	0.02				
0.1 - 0.2	4.57B		4.44K	0.86	0.75	0.01				
0.2 - 0.3	5.35B		4.78K	1.05	0.64	0.01				
0.3 - 0.4	5.77B		5.61K	1.44	0.64	0.01				
0.4 - 0.5	6.11B									
0.7 - 0.8	6.99B									
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		%	one only
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		Crow	imotrio///	olumotrio V	Vater Conte	anto		< sat	K unsat
Depth	COLE	Sat.	0.05 Bar		0.5 Bar	1 Bar	5 Bar 15 E		1 Sal	r unsat
m		Sal.	0.05 Bai		/g - m3/m		J Bai 1J E		nm/h	mm/h
				-						
0 - 0.1										
0.1 - 0.2										
0.2 - 0.3										
0.3 - 0.4										

0.4 - 0.5 0.7 - 0.8

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### 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
- 15\_NR\_MG
- 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\_NA
- 4B1