Project Name: Acids Soils in South Eastern Australia Project Code: AcidSoils Site ID: AN207 Observation ID: 1 Agency Name: CSIRO Land and Water (ACT)						
Date Desc.: 1 Map Ref.: 5 Northing/Long.: 6	G. W. Geeves 16/05/89 Sheet No. : 8326 1:100000 6063800 AMG zone: 55 524700 Datum: AGD66	Locality: Elevation: Rainfall: Runoff: Drainage:	Cookardinia 280 metres No Data Slow Moderately well drained			
	Auger boring No Data	Conf. Sub. is Pare Substrate Material				
Morph. Type:	Level plain <9m <1% No Data Plain 0 %	Pattern Type: Relief: Slope Category: Aspect:	Rises 2 metres Level No Data			
Surface Soil Con	ndition (dry):					
Erosion:						
Soil Classificatio		Manus	ing Unit: N/A			
Australian Soil Cla N/A	Issification:		ing Unit: N/A ipal Profile Form: Gn3.18			
ASC Confidence:			Soil Group: N/A			
Confidence level no						
<u>Vegetation:</u>	: Cultivation. Rainfed					
vegetation.	Tall Strata - Sod grass, <0.25m	n, Closed or dense. *	Species includes - None Recorded			
Surface Coarse I	Fragments: No surface coarse	fragments				
Profile Morpholo						
Ap 0 - 0.1 m	m Dark brown (7.5YR3/4-Moist); ; Fine sandy loam; Sharp change to -					
A2e 0.1 - 0.3 m	Strong brown (7.5YR5/6-Moist); Pink (7.5YR7/4-Dry); ; Clay loam, fine sandy; Gradual change to -					
B21 0.3 - 0.6 m	Red (2.5YR4/6-Moist); ; Sandy clay; Gradual change to -					
B22 0.6 - 0.8 m	22 0.6 - 0.8 m Yellowish brown (10YR5/6-Moist); , 2.5YR46, 10-20% , 0-5mm, Distinct; Sandy clay;					
Morphological Notes						
Observation Notes						
Site Notes						

Flat grazing paddock with reasonable cover of oasts. Gradational red profile with A2.

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Laboratory Test Results:

Depth	рН	1:5 EC		hangeable Ng	Cations K	Ex Na	changeable Acidity	CEC	ECEC	ESP
m		dS/m	Ca i	vig	n	Cmol (+)/I				%
0 - 0.1	4.18B		2K	0.31	0.53	0.03				
0.1 - 0.2	4.69B		2.48K	0.35	0.39	0.04				
0.2 - 0.3	5.39B		3.93K	0.61	0.48	0.00				
0.3 - 0.4	5.85B		6.34K	1.54	0.47	0.02				
0.4 - 0.5 0.7 - 0.8	6.11B 6.23B									
Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Analysis
m	%	С %	P mg/kg	P %	N %	K %	Density Mg/m3	GV CS	FS %	Silt Clay
	70	70	ilig/kg	70	70	70	wig/115		70	
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/Vo	olumetric V	Vater Conte	nts	к	sat	K unsat
-		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar 15 I	Bar		
m				g/	ˈɡ- m3/m	3		m	m/h	mm/h
0 - 0.1										
0.1 - 0.2										
0.2 - 0.3										
0.3 - 0.4										

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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