Project Nam Project Code Agency Nan	e: Ac	cids Soils in South Easter cidSoils Site ID: SIRO Land and Water (AC	AN134 0	Observation ID:	1				
<u>Site Informa</u> Desc. By:	Site Information								
Date Desc.: Map Ref.:	28/0	V. Geeves 9/88 et No. : 8327 1:100000	Locality: Elevation: Rainfall:	200 metres No Data					
Northing/Long Easting/Lat.:			Runoff: Drainage:	Slow Moderately well drained					
<u>Geology</u> ExposureType	e: Aua	er boring	Conf. Sub. is Parent. Mat.: No Data						
Geol. Ref.:		Data	Substrate Materia	ta					
Land Form Rel/Slope Cla Morph. Type: Elem. Type: Slope:	ss: Und Flat Plai 0.5	n	Pattern Type: Relief: Slope Category: Aspect:	Plain 5 metres Level 140 degrees					
Surface Soil Condition (dry):									
Erosion: Soil Classifi	ootion								
Australian So		fication:	Manni	ing Unit:	N/A				
N/A			Principal Profile Form: GN2.12						
ASC Confide		acified	Great Soil Group: N/A						
Confidence level not specified Site Disturbance: Cultivation. Rainfed									
Vegetation:									
Tall Strata - Tussock grass, 0.26-0.5m, Closed or dense. *Species includes - None Recorded									
Surface Coarse Fragments: No surface coarse fragments Profile Morphology									
Ap 0 - 0.2 m Dark brown (7.5YR3/4-Moist); ; Loam; Very few (0 - 2 %), Ferruginous, Coarse (6 - 20 mm), Nodules;									
A3 0.2 -	0.4 m	Yellowish red (5YR4/6-Moist); ; Silty loam; Few (2 - 10 %), Ferruginous, Medium (2 -6 mm), Nodules;							
B21 0.4 -	0.6 m	Yellowish red (5YR4/6-Moist); ; Sandy clay loam; Very few (0 - 2 %), Ferruginous, Fine (0 - 2 mm), Nodules;							
B22 0.6 -	0.8 m	Brownish yellow (10YR6/8-Moist); ; Fine sandy clay;							

Morphological Notes A3 B21

Charcoal present, 30-50cm. Charcoal present, 30-50cm.

Observation Notes

Cereal crop undersown with clover. No CO3, gradational red profile, Red Earth?

Site Notes

Collingullie

Project Name:	Acids Soils in	South East	ern Austral	ia
Project Code:	AcidSoils	Site ID:	AN134	Observation ID:
Agency Name:	CSIRO Land a	and Water (A	CT)	

Laboratory Test Results:

Depth	рН	1:5 EC		hangeable	e Cations K		xchangeable	CEC	ECEC	ESP
m		dS/m	Ca I	Mg	n	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	4.7B 5.1B 6.57B 7.08B 7.22B 7.28B		3.1K 16.31K 33.2K 26.13K	0.57 1.72 3.33 2.55	1.02 1.09 0.84 0.06	0.03 0.09 0.12 0.11				
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV CS		Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3	GV C3	%	Sint Ciay
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	ents	к	sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar /g - m3/m	1 Bar 3	5 Bar 15 B		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

Project Name: Acids Soils in South Eastern Australia Project Code: AcidSoils Site ID: AN134 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 15_NR_CA 15_NR_K Exchangeable aluminium - method not recorded

- 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