Project Name: Project Code: Agency Name:	AcidSoils Site ID:	cids Soils in South Eastern Australia cidSoils Site ID: AN1 Observation ID: 1 SIRO Land and Water (ACT)					
Site Information Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.: Geology	n G. W. Geeves 21/06/88 Sheet No. : 8326 1:100000 6045100 AMG zone: 55 501700 Datum: AGD66	Locality: Elevation: Rainfall: Runoff: Drainage:	220 metr No Data Slow Imperfec	d			
ExposureType: Geol. Ref.:	Auger boring No Data	Conf. Sub. is Pare Substrate Material		No Data No Data			
Land Form Rel/Slope Class: Morph. Type: Elem. Type: Slope:	Level plain <9m <1% Flat Plain 0.5 %	Pattern Type: Relief: Slope Category: Aspect:	Plain 2 metres Level No Data	i			
Surface Soil Co Erosion:	<u>ondition (dry):</u>						
Soil Classificat	ion						
Australian Soil C N/A ASC Confidence Confidence level Site Disturbance	:	Mapping Unit: Principal Profile Form: Great Soil Group:			N/A DY2.42 N/A		
Vegetation:	Cultivation. Rainieu						
vegetation.	Tall Strata - Sod grass, <0.25m	n, Mid-dense. *Specie	es includes	- None F	Recorded		
Surface Coarse	Fragments: No surface coarse	fragments					
Profile Morpho	logy						
Ap 0 - 0.12 m Brown (10YR4/3-Moist); ; Fine sandy loam (Heavy); Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;							
A2 0.12 - 0.3		Pale brown (10YR6/3-Moist); Very pale brown (10YR7/3-Dry); ; Clay loam, fine sandy (Light); Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules; Few (2 - 10 %), Ferruginous, Medium (2 - 6 mm), Nodules;					
B2 0.38 - 0.8	clay; Few (2 - 10 %), Manga	Light reddish brown (2.5YR6/4-Moist); , 2.5YR48, 10-20% , 5-15mm, Distinct; Light medium clay; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules; Few (2 - 10 %), Ferruginous, Medium (2 -6 mm), Nodules;					
Morphological	Notes						
A2 B2	Bleached A2						

B2 FE concretions, rounded.

Observation Notes Undulating plain <1%. 200m from creek on slight rise, relief 2m. 20m box trees, stubble paddockwith sparse clover and capeweed. No erosion, no coarse frags. Bleached A2, texture contrast, No CO3. Yellow Podzolic? Soloth int?

Site Notes

Culcairn

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Agency Name:	CSIRO Land and	I Water (AC	;Т)		

Laboratory Test Results:

Depth	рН	1:5 EC		nangeable Mg	e Cations K	E) Na	changeable Acidity	CEC	ECEC	ESP
m		dS/m	Ca I	vig	n	Cmol (+)/				%
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.7 - 0.8	4.15B 4.28B 4.58B 4.9B 5.69B 6.13B		1.3K 1.61K 1.57K 2.09K	0.27 0.36 0.31 0.57	0.52 0.41 0.35 0.34	0.02 0.01 0.02				
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV CS	Size FS	Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3	GV 03	%	Sint Clay
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 I		m/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
- 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