Project Name: Acids Soils in South Eastern Australia Project Code: AcidSoils Site ID: AN8 Observation ID: 1 Agency Name: CSIRO Land and Water (ACT)					
Site Information	n				
Desc. By: Date Desc.: Map Ref.: Northing/Long.:	G. W. Geeves 22/06/88 Sheet No. : 8327 1:100000 6096700 AMG zone: 55	Locality: Elevation: Rainfall: Runoff:	210 metres No Data Very slow		
Easting/Lat.:	511300 Datum: AGD66	300 Datum: AGD66 Drainage: Imperfectly drained			
<u>Geology</u> ExposureType: Geol. Ref.:	Auger boring No Data	Conf. Sub. is Pare Substrate Material			
Land Form					
Rel/Slope Class:	Undulating low hills 30-90m 3- 10%	Pattern Type:	Low hills		
Morph. Type: Elem. Type: Slope:	Lower-slope Hillslope 1 %	Relief: Slope Category: Aspect:	50 metres Very gently sloped 260 degrees	ł	
Surface Soil Co	ondition (dry):				
Erosion:					
Soil Classificat	ion				
Australian Soil C N/A ASC Confidence Confidence level	:	Mapping Unit: N/A Principal Profile Form: GN2.82 Great Soil Group: N/A			
	e: Extensive clearing, for example	poisoning, ringbarkir	na		
Vegetation:		······································	-9		
	Tall Strata - Tree, 12.01-20m, S	Sparse. *Species inclu	udes - None Record	led	
Surface Coarse	Fragments: No surface coarse	fragments			
Profile Morphol	loqv				
A1 0 - 0.1 m Very dark greyish brown (10YR3/2-Moist); ; Clay loam, fine sandy; Moderate grade of structure; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;					
A2 0.1 - 0.3		Weak red (2.5YR5/2-Moist); Light brownish grey (10YR6/2-Dry); ; Clay loam, fine sandy; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;			
B1 0.3 - 0.5	Common (10 - 20 %), Mang	Light brownish grey (10YR6/2-Moist); , 7.5YR58, 10-20% , 5-15mm, Distinct; Silty clay loam; Common (10 - 20 %), Manganiferous, Coarse (6 - 20 mm), Nodules; Common (10 - 20 %), Ferruginous, Coarse (6 - 20 mm), Nodules;			
B2 0.5 - 0.8	m Pale brown (10YR6/3-Moist	Pale brown (10YR6/3-Moist); ; Fine sandy clay;			
Morphological Notes					
A2	Not bleached.				
B1	Comm. medium and large h				
B2	Comm. medium and large h	ard rounded conc.			
Observation No	MAC .				

Observation Notes

Vacant block, good cover of gras, clover and broadleaf weeds. 20m box trees, simple lower slope 1%, 1.5km from 50m rolling hills. Weak A2, texture contrast, no CO3. Podzolic, Red Earth? NSG. Could have been disturbed.

Site Notes

The Rock

Project Name:	Acids Soils in	South Easte	ern Austra	alia	
Project Code:	AcidSoils	Site ID:	AN8	Observation ID:	1
Agency Name:	CSIRO Land a	and Water (A	CT)		

Laboratory Test Results:

Depth	рН	1:5 EC		hangeable	e Cations K	E Na	xchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	n	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	6.14B 5.47B 5.42B 5.76B 5.66B 5.82B		11.42K 4.44K 5.14K 5.89K	1.21 0.81 1.54 1.72	1.88 0.93 0.65 0.68	0.06 0.05 0.05 0.04				
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particl GV CS	e Size FS	Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3	01 00	%	Sint Citay
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	ĸ	sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar /g - m3/m	1 Bar 3	5 Bar 15 B		ım/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

Acids Soils in South Eastern Australia **Project Name:** Project Code: Agency Name: AcidSoils Site ID: AN8 CSIRO Land and Water (ACT)

Observation ID: 1

Laboratory Analyses Completed for this profile 12 NID MNI oble Mp(9/) Not Evtr

13_NR_MN	Extractable Mn(%) - Not recorded
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- Exch. basic cations (Ca++) meq per 100g of soil Not recorded 15_NR_CA
- Exch. basic cations (K_{++}) meq per 100g of soil Not recorded Exch. basic cations (K_{++}) meq per 100g of soil Not recorded Exch. basic cations (M_{g++}) meq per 100g of soil Not recorded Exch. basic cations (N_{a++}) meq per 100g of soil Not recorded pH of 1:5 soil/0.01M calcium chloride extract direct 15_NR_K 15_NR_MG
- 15_NR_NA
- 4B1