

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN68 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	28/07/88	Elevation:	175 metres
Map Ref.:	Sheet No. : 8228 1:100000	Rainfall:	No Data
Northing/Long.:	6152100 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	493800 Datum: AGD66	Drainage:	Moderately well drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	1 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	0.5 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	DR2.23
		Great Soil Group:	N/A

Site Disturbance: Cultivation. Rainfed

Vegetation:

Tall Strata - Sod grass, <0.25m, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy;
A2	0.1 - 0.3 m	Dark reddish brown (2.5YR3/4-Moist); Reddish brown (2.5YR4/4-Dry); ; Clay loam, sandy;
B21	0.3 - 0.5 m	Dark red (2.5YR3/6-Moist); ; Light medium clay;
B22	0.5 - 0.8 m	Dark red (10R3/6-Moist); ; Medium clay;

Morphological Notes

A2 Not bleached.

Observation Notes

Keith Simons. Simple flat plain, weeds>grasses>clover in last years stubble. No CaCO3. RBE with slightly less texture contrast than others.

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%
0 - 0.1	4.65B		5.48K	1.71	1.27	0.05			
0.1 - 0.2	4.99B		7.25K	2.77	0.74	0.12			
0.2 - 0.3	5.57B		6.06K	2.89	0.57	0.26			
0.3 - 0.4	6.11B		9.24K	7	0.82	0.83			
0.4 - 0.5	6.56B								
0.7 - 0.8	7.02B								

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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	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct