

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN106 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	10/08/88	Elevation:	295 metres
Map Ref.:	Sheet No. : 8428 1:100000	Rainfall:	No Data
Northing/Long.:	6166000 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	556300 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:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Lower-slope	Relief:	10 metres
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	270 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	GN2.12
ASC Confidence:		Great Soil Group:	N/A
Confidence level not specified			

Site Disturbance: Cultivation. Rainfed

Vegetation:

Tall Strata - Sod grass, <0.25m, Sparse. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.2 m	Reddish brown (5YR4/3-Moist); ; Clay loam, sandy;
B21	0.2 - 0.6 m	Red (2.5YR4/8-Moist); ; Silty clay loam; 0-2%, medium gravelly, 6-20mm, angular, Unconsolidated material (unidentified), coarse fragments;
B22	0.6 - 0.8 m	Red (2.5YR4/6-Moist); ; Sandy clay; 0-2%, medium gravelly, 6-20mm, angular, Unconsolidated material (unidentified), coarse fragments;

Morphological Notes

Observation Notes

"Eurolie". Cereal crop paddock. Like RE with loamy structure, no CO3, RE.

Site Notes

June

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils Site ID: AN106 Observation ID: 1
Agency Name: CSIRO Land and Water (ACT)

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	4.79B		4.2K	1.17	0.97	0.32			
0.1 - 0.2	5.05B		4.3K	1.52	0.81	0.35			
0.2 - 0.3	5.44B		4.3K	2.1	0.62	0.05			
0.3 - 0.4	5.62B		4.42K	2.55	0.6	0.07			
0.4 - 0.5	5.76B								
0.7 - 0.8	5.93B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN106 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

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