

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN182 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	Murrumbidgee-Rannock
Date Desc.:	12/10/88	Elevation:	270 metres
Map Ref.:	Sheet No. : 8328 1:100000	Rainfall:	No Data
Northing/Long.:	6164400 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	520800 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:	Simple-slope	Relief:	10 metres
Elem. Type:	Footslope	Slope Category:	Gently inclined
Slope:	2 %	Aspect:	180 degrees

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:	Cn2.11
		Great Soil Group:	N/A

Site Disturbance: Cultivation. Rainfed

Vegetation:

Tall Strata - Sod grass, 0.26-0.5m, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

Ap	0 - 0.1 m	Strong brown (7.5YR4/6-Moist); ; Sandy clay loam, fine sandy; 2-10%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Gradual change to -
A3	0.1 - 0.3 m	Strong brown (7.5YR4/6-Moist); ; Clay loam, sandy; 2-10%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Gradual change to -
B21	0.3 - 0.5 m	Strong brown (7.5YR4/7-Moist); ; Sandy clay; 2-10%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments;

Morphological Notes

Observation Notes

gradational red profile, Red Earth

Site Notes

Owner Robert Menzies Craigowan. Wheat crop with wild oats on long footslope from rise 800 m. North.

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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