

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN194 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	Old Junee
Date Desc.:	15/05/89	Elevation:	310 metres
Map Ref.:	Sheet No. : 8328 1:100000	Rainfall:	No Data
Northing/Long.:	6145700 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	543900 Datum: AGD66	Drainage:	Imperfectly 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:	Undulating low hills 30-90m 3-10%	Pattern Type:	Low hills
Morph. Type:	Lower-slope	Relief:	50 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	90 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:	Gn2.12
		Great Soil Group:	N/A

Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

Ap	0 - 0.1 m	Dark reddish brown (5YR3/3-Moist); ; Fine sandy loam (Heavy);
B2	0.1 - 0.6 m	Red (2.5YR4/6-Moist); Dark yellowish brown (10YR4/6-Moist); , 2.5YR46, 10-20% , 15-30mm, Distinct; Fine sandy clay;
B22	0.6 - 0.8 m	Dark yellowish brown (10YR4/6-Moist); , 2.5YR46, 10-20% , 15-30mm, Distinct; Fine sandy clay; Few (2 - 10 %), Ferromanganiferous, Fine (0 - 2 mm), Concretions;

Morphological Notes

Observation Notes

Gradational red profile, yellowing with depth, darker Ap top 10 cm. No carbonate. Red Earth.

Site Notes

Owner: Roy Lawrence. Stubble and weed paddock. Lower slope 500 m from crest of low hills (some granite on hills?). Grasses and Pattersons curse. Rolling country, parna covered hill country - moist hard surface.

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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