

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN220 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	June
Date Desc.:	17/05/89	Elevation:	280 metres
Map Ref.:	Sheet No. : 8428 1:100000	Rainfall:	No Data
Northing/Long.:	6133800 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	549300 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:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	10 metres
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	3 %	Aspect:	150 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: Cultivation. Rainfed

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

Ap	0 - 0.1 m	Dark reddish brown (5YR3/4-Moist); ; Fine sandy loam (Heavy); 0-2%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; Gradual change to -
B1	0.1 - 0.3 m	Red (2.5YR4/6-Moist); ; Sandy clay loam, fine sandy; 0-2%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments;
B21	0.3 - 0.6 m	Red (2.5YR4/6-Moist); ; Clay loam, fine sandy; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Gradual change to -
B22	0.6 - 0.8 m	Red (2.5YR4/6-Moist); ; 7.5YR5/6, 20-50% , 15-30mm, Distinct; Sandy clay; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments;

Morphological Notes

Observation Notes

Gradational red profile some yellowing with depth. No CO3 similar to AN220. Probably hardsetting, with earthy profile. Red

Site Notes

"Lochiel", belongs to David Fife, son of Wal Fife. Stubble paddock with some weeds, clover and grasses. Lower midslope, 200 m. from secondary crest in rolling country.

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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