

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN51 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	22/07/88	Elevation:	310 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6074000 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	524200 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 low hills 30-90m 3-10%	Pattern Type:	Low hills
Morph. Type:	Lower-slope	Relief:	10 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	330 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:	GN4.51
		Great Soil Group:	N/A

Site Disturbance:

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Reddish brown (5YR4/3-Moist); ; Sandy clay loam, fine sandy;
A2	0.1 - 0.3 m	Reddish brown (5YR5/4-Moist); Light brown (7.5YR6/4-Dry); ; Sandy clay loam, fine sandy; 2-10%, medium gravelly, 6-20mm, Chert, coarse fragments;
AB	0.3 - 0.4 m	Yellowish red (5YR4/6-Moist); ; Fine sandy clay; 0-2%, fine gravelly, 2-6mm, subrounded, Unconsolidated material (unidentified), coarse fragments;
B2	0.4 - 0.8 m	Yellowish brown (10YR5/4-Moist); , 5YR5/8, 10-20% , 0-5mm, Distinct; Light clay; 0-2%, fine gravelly, 2-6mm, subrounded, Unconsolidated material (unidentified), coarse fragments; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;

Morphological Notes

A2 Charcoal, pale A2.

Observation Notes

Simple lower slope 800m from 30m hill. Crop paddock with no crop, only weeds. Yellow Podzolic similar to Rutherglen loam?

Site Notes

Mangoplah

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[illegible]

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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