

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV84 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	24/08/88	Elevation:	170 metres
Map Ref.:	Sheet No. : 8025 1:100000	Rainfall:	No Data
Northing/Long.:	5972700 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	404000 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:	Low hills
Morph. Type:	Mid-slope	Relief:	15 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	360 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:	DR
		Great Soil Group:	N/A

Site Disturbance: Cultivation. Rainfed

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

Ap	0 - 0.2 m	Dark reddish brown (5YR3/3-Moist); ; Sandy loam; 10-20%, medium gravelly, 6-20mm, subangular platy, Unconsolidated material (unidentified), coarse fragments;
A3	0.2 - 0.3 m	Dark reddish brown (5YR3/4-Moist); ; Loamy sand; 10-20%, medium gravelly, 6-20mm, subangular platy, Unconsolidated material (unidentified), coarse fragments;
B22	0.3 - 0.5 m	Red (2.5YR4/6-Moist); ; Sandy clay loam; 10-20%, medium gravelly, 6-20mm, subangular platy, Unconsolidated material (unidentified), coarse fragments;
B22	0.5 - 0.6 m	Yellowish brown (10YR5/6-Moist); ; Sandy clay loam (Heavy); 10-20%, medium gravelly, 6-20mm, subangular platy, Unconsolidated material (unidentified), coarse fragments;

Morphological Notes

Ap	Stoney.
A3	Stoney, A2?
B22	Stoney.
B22	Stoney, no CO3.

Observation Notes

Frank Hooper, Glen Aulin. Eaten off oats crop, cover of undersown clover, and weeds, no lime. Sandy/stoney duplex red borwn, no CO3, similar to 83.

Site Notes

Nooramunga

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV84
Agency Name: CSIRO Land and Water (ACT)

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		%
						Cmol	(+)/kg		
0 - 0.1	4.74B		4.48K	0.78	1.18	0.04			
0.1 - 0.2	4.46B		3.09K	0.58	0.95	0.03			
0.2 - 0.3	4.63B		3K	0.76	0.65	0.03			
0.3 - 0.4	5.08B		3.84K	2.32	0.52	0.04			
0.4 - 0.5	5.41B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV84 **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_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