

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV91 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	24/08/88	Elevation:	230 metres
Map Ref.:	Sheet No. : 8125 1:100000	Rainfall:	No Data
Northing/Long.:	5985600 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	417500 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:	Upper-slope	Relief:	15 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	210 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:	DY
		Great Soil Group:	N/A

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.2 m	Dark brown (7.5YR3/2-Moist); ; Loamy sand; 0-2%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments;
A2	0.2 - 0.5 m	Pinkish grey (7.5YR7/2-Moist); Pinkish grey (7.5YR7/2-Dry); ; Loamy sand; 0-2%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments;
B2g	0.5 - 0.6 m	Pale brown (10YR6/3-Moist); , 5YR58, 20-50% , 5-15mm, Distinct; Sandy clay loam; 0-2%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments;
B22	0.6 - 0.8 m	Yellowish red (5YR5/6-Moist); ; Light clay (Light); 0-2%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments;

Morphological Notes

A2 Bleached.

Observation Notes

Grazing paddock. Native grasses and sorrel?. Sandy bleached A2, gley B top. Podzolic?

Site Notes

Bungeet

Observation ID: 1

Agency Name: CSIRO Land and Water (ACT)

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%
0 - 0.1	3.85B		0.38K	0.14	0.19	0.05			
0.1 - 0.2	3.81B		0.23K	0.1	0.13	0.04			
0.2 - 0.3	3.93B		0.32K	0.12	0.12	0.05			
0.3 - 0.4	4.08B		0.32K	0.12	0.09	0.05			
0.4 - 0.5	4.23B								
0.7 - 0.8	3.86B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV91 **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