

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV45 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	02/06/88	Elevation:	135 metres
Map Ref.:	Sheet No. : 8025 1:100000	Rainfall:	No Data
Northing/Long.:	5983900 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	405400 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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	2 metres
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	220 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: 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: No surface coarse fragments

Profile Morphology

Ap	0 - 0.1 m	Brown (7.5YR4/4-Moist); ; Fine sandy loam;
A1	0.1 - 0.2 m	Dark brown (7.5YR3/4-Moist); ; Fine sandy loam (Heavy);
A2	0.2 - 0.28 m	Strong brown (7.5YR5/6-Moist); Light brown (7.5YR6/4-Dry); ; Clay loam, fine sandy;
B21	0.28 - 0.5 m	Yellowish red (5YR5/8-Moist); ; Light clay (Light);
B22	0.5 - 0.8 m	Yellowish red (5YR5/8-Moist); ; Light clay;

Morphological Notes

A2 Not bleached

Observation Notes

15m box. Capeweed? and clover pasture. Dropping off a local 1m rise (low dune?) Reasonably drained and perm. Red B Earth? No bleached A2, no carbonate.

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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_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