

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV101 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	25/08/88	Elevation:	140 metres
Map Ref.:	Sheet No. : 8025 1:100000	Rainfall:	No Data
Northing/Long.:	5997300 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	393500 Datum: AGD66	Drainage:	Imperfectly 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:	No Data	Pattern Type:	Low hills
Morph. Type:	Simple-slope	Relief:	15 metres
Elem. Type:	Footslope	Slope Category:	No Data
Slope:	2 %	Aspect:	60 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:	U
		Great Soil Group:	N/A

Site Disturbance: Cultivation. Rainfed

Vegetation:

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

Ap	0 - 0.1 m	Brown (7.5YR4/2-Moist); ; Light clay; 0-2%, fine gravelly, 2-6mm, angular platy, Unconsolidated material (unidentified), coarse fragments; Very few (0 - 2 %), Calcareous, Fine (0 - 2 mm), Concretions; Very few (0 - 2 %), Calcareous, Fine (0 - 2 mm), Nodules; , Uncemented;
B21	0.1 - 0.5 m	Yellowish red (5YR4/6-Moist); , 10YR32, 10-20% , 5-15mm, Distinct; Medium clay; 2-10%, medium gravelly, 6-20mm, angular platy, Unconsolidated material (unidentified), coarse fragments; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Concretions; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Nodules;
B22	0.5 - 0.8 m	Strong brown (7.5YR4/6-Moist); , 10YR32, 10-20% , 5-15mm, Distinct; Medium clay; 2-10%, medium gravelly, 6-20mm, angular platy, Unconsolidated material (unidentified), coarse fragments; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Concretions; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Nodules;

Morphological Notes

B21	CO3 heaps.
B22	CO3 less.

Observation Notes

ploughed paddock, footslope of limestone hill? Calcareous Brown clay.

Site Notes

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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