

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV17 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	31/05/88	Elevation:	150 metres
Map Ref.:	Sheet No. : 8125 1:100000	Rainfall:	No Data
Northing/Long.:	5994200 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	441500 Datum: AGD66	Drainage:	Poorly 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:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	4 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	0.2 %	Aspect:	No Data

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: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.18 m	Very dark greyish brown (10YR3/2-Moist); , 5YR56, 2-10% , 0-5mm, Distinct; Light clay;
B21	0.18 - 0.4 m	Weak red (2.5YR4/2-Moist); ; Medium clay;
B22	0.4 - 0.8 m	Weak red (2.5YR4/2-Moist); ; Medium heavy clay; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Nodules;

Morphological Notes

Observation Notes

300m from drainage line, grazing paddock, clover and grass. Med/heavy grey clay

Site Notes

Boorhaman East

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	5.04B		8.55K	6.81	0.95	0.67			
0.1 - 0.2	5.23B		9.6K	7.21	0.7	0.91			
0.2 - 0.3	6.43B		13.65K	11.08	0.72	1.79			
0.3 - 0.4	7.67B		14.9K	14.05	0.52	3.07			
0.4 - 0.5	7.7B								
0.7 - 0.8	7.78B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV17 **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