

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV88 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	24/08/88	Elevation:	155 metres
Map Ref.:	Sheet No. : 8125 1:100000	Rainfall:	No Data
Northing/Long.:	5980600 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	414600 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:	1 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	0 %	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: Cultivation. Rainfed

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

Ap	0 - 0.1 m	Dark greyish brown (10YR4/2-Moist); ; Light clay;
B21	0.1 - 0.5 m	Greyish brown (2.5Y5/2-Moist); , 2.5Y42, 10-20% , 15-30mm, Distinct; Medium clay;
B22	0.5 - 0.8 m	Greyish brown (2.5Y5/2-Moist); ; Medium heavy clay; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules;

Morphological Notes

B22 Feint CO3 at 70-80cm,

Observation Notes

grazing, poor growth, grasses>>weeds. Evidence of surface waterlogging. Grey clay.

Site Notes

Bungeet

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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	5.14B		13.45K	6.71	1.25	0.31			
0.1 - 0.2	5.84B		17.03K	9.37	1.27	0.69			
0.2 - 0.3	6.36B		17.06K	9.33	1.26	0.95			
0.3 - 0.4	6.59B		17.2K	10.91	1.25	1.11			
0.4 - 0.5	6.89B								
0.7 - 0.8	7.58B								

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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