

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV76 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	24/08/88	Elevation:	135 metres
Map Ref.:	Sheet No. : 8025 1:100000	Rainfall:	No Data
Northing/Long.:	6005700 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	403700 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:	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:	DR
		Great Soil Group:	N/A

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

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

Ap	0 - 0.2 m	Dark reddish brown (5YR3/3-Moist); ; Fine sandy loam; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Concretions;
A3	0.2 - 0.3 m	Yellowish red (5YR4/6-Moist); ; Clay loam;
B21	0.3 - 0.6 m	Red (2.5YR4/6-Moist); ; Medium clay; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules;
B22	0.6 - 0.8 m	Yellowish red (5YR4/6-Moist); ; Light medium clay;

Morphological Notes

B22 No CO3

Observation Notes

Shane Quinn. Grazing, very good grass and clover cover. More gradational Moira loam. RBE.

Site Notes

Telford

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV76
Agency Name: CSIRO Land and Water (ACT)

Observation ID: 1

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	4.79B		5.13K	1.17	0.84	0.15			
0.1 - 0.2	4.68B		4.67K	1.37	0.68	0.22			
0.2 - 0.3	4.7B		3.18K	1.83	0.53	0.31			
0.3 - 0.4	5.22B		4.43K	6.05	0.92	1.39			
0.4 - 0.5	6.4B								
0.7 - 0.8	7.06B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV76 **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