

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV49 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	03/06/88	Elevation:	140 metres
Map Ref.:	Sheet No. : 8025 1:100000	Rainfall:	No Data
Northing/Long.:	6002700 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	407000 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 rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	5 metres
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	300 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	DR
ASC Confidence:		Great Soil Group:	N/A
Confidence level not specified			

Site Disturbance: Cultivation. Rainfed

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

Ap	0 - 0.18 m	Dark brown (7.5YR3/2-Moist); ; Loam; 0-2%, medium gravelly, 6-20mm, subangular tabular, Other, coarse fragments;
B1	0.18 - 0.3 m	Yellowish red (5YR4/6-Moist); ; 7.5YR30, 2-10% , 0-5mm, Distinct; Light clay; 0-2%, fine gravelly, 2-6mm, subangular tabular, Other, coarse fragments;
B21	0.3 - 0.6 m	Red (2.5YR5/6-Moist); ; 5YR42, 2-10% , 15-30mm, Distinct; Medium clay; 0-2%, fine gravelly, 2-6mm, subangular tabular, Other, coarse fragments;
B22	0.6 - 0.8 m	Yellowish red (5YR5/8-Moist); ; Medium clay; 0-2%, medium gravelly, 6-20mm, subangular tabular, Other, coarse fragments;

Morphological Notes

B1	Many nodds?
B22	Faint eff.

Observation Notes

simple midslope, freshly sown wheat crop, 20m box, well drained reas. Perm. RBE.

Site Notes

Telford

Observation ID: 1

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	Acidity		%
						Cmol (+)/kg			
0 - 0.1	4.74B		3.69K	1.37	0.74	0.23			
0.1 - 0.2	5.49B		5.54K	3.49	0.7	0.87			
0.2 - 0.3	6.65B		5.83K	8.8	1.19	3.09			
0.3 - 0.4	7.38B		5.91K	12.33	1.63	5.74			
0.4 - 0.5	7.68B								
0.7 - 0.8	7.93B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV49 **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