

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV50 **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.:	6006600 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	407700 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:	Lower-slope	Relief:	10 metres
Elem. Type:	Footslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	315 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: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

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

Surface Coarse Fragments: 2-10%, medium gravelly, 6-20mm, subangular, Quartz

Profile Morphology

Ap	0 - 0.12 m	Dark brown (7.5YR3/4-Moist); ; Loam (Heavy); Very few (0 - 2 %), Ferruginous, Coarse (6 - 20 mm), Nodules;
B1	0.12 - 0.4 m	Yellowish red (5YR4/6-Moist); ; Light medium clay;
B21	0.4 - 0.6 m	Red (2.5YR5/8-Moist); Yellowish red (5YR5/8-Moist); ; Medium clay;
B22	0.6 - 0.8 m	Red (2.5YR5/6-Moist); Yellowish red (5YR5/6-Moist); ; Medium clay;

Morphological Notes

B22 Moderate Effervescence

Observation Notes

Beattie. No lime. Slope 2 degrees to W. Grass pasture, not cropped for several years. Low hills to S. appear to be fine grained siliceous sediments? Few 10cm+ vein quartz pebbles on surface. 10m+ relief to S. Typical RB Earth.

Site Notes

Telford

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[illegible]

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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