

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV61 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	23/08/88	Elevation:	145 metres
Map Ref.:	Sheet No. : 8125 1:100000	Rainfall:	No Data
Northing/Long.:	6006600 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	417400 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:	Flat	Relief:	10 metres
Elem. Type:	Footslope	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	120 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, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

Ap	0 - 0.2 m	Reddish brown (5YR4/4-Moist); ; Loamy sand;
A2	0.2 - 0.4 m	Strong brown (7.5YR5/6-Moist); Pink (7.5YR7/4-Dry); ; Loamy sand;
B21	0.4 - 0.6 m	Red (2.5YR4/8-Moist); ; Sandy light clay;
B22	0.6 - 0.8 m	Red (2.5YR4/8-Moist); , 10YR66, 10-20% , 0-5mm, Distinct; Medium clay; Few (2 - 10 %), Manganiferous, Coarse (6 - 20 mm), Nodules;

Morphological Notes

A2	Bleached
B22	No CO3

Observation Notes

Jim Keenan, 'Tipperary'. Grazing grasses>clover=weeds. Footslope of rise with some cypress pine, 'old dune?' Duplex red soil very sandy surface. No CO3. Red podzolic?

Site Notes

Boomahnoomoonah

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 Cmol (+)/kg	Acidity		%
0 - 0.1	4.24B		1.47K	0.25	0.6	0.07			
0.1 - 0.2	4.33B		1.27K	0.29	0.34	0.06			
0.2 - 0.3	4.79B		1.15K	0.27	0.25	0.04			
0.3 - 0.4	5.28B		1.19K	0.34	0.2	0.04			
0.4 - 0.5	5.89B								
0.7 - 0.8	5.62B								

[illegible][illegible]

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV61 **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