

**Project Name:** Acids Soils in South Eastern Australia  
**Project Code:** AcidSoils **Site ID:** AV43 **Observation ID:** 1  
**Agency Name:** CSIRO Land and Water (ACT)

**Site Information**

<b>Desc. By:</b>	C.J. Chartres	<b>Locality:</b>	
<b>Date Desc.:</b>	02/06/88	<b>Elevation:</b>	210 metres
<b>Map Ref.:</b>	Sheet No. : 8025 1:100000	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	5975500 AMG zone: 55	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	407400 Datum: AGD66	<b>Drainage:</b>	Moderately well drained

**Geology**

<b>ExposureType:</b>	Auger boring	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	No Data

**Land Form**

<b>Rel/Slope Class:</b>	Undulating low hills 30-90m 3-10%	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	Lower-slope	<b>Relief:</b>	50 metres
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	3 %	<b>Aspect:</b>	240 degrees

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
N/A		<b>Principal Profile Form:</b>	DR
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	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:** No surface coarse fragments

**Profile Morphology**

A1	0 - 0.18 m	Dark brown (7.5YR3/4-Moist); ; Sandy loam; 2-10%, medium gravelly, 6-20mm, subangular tabular, Other, coarse fragments;
A2	0.18 - 0.5 m	Pale brown (10YR6/3-Moist); Very pale brown (10YR7/3-Dry); ; Sandy loam (Light); 2-10%, fine gravelly, 2-6mm, subangular, Other, coarse fragments;
B21	0.5 - 0.8 m	Yellowish red (5YR5/8-Moist); , 10YR72, 2-10% , 5-15mm, Distinct; Light medium clay; 2-10%, coarse gravelly, 20-60mm, subangular, Other, coarse fragments;

**Morphological Notes**

A2 Cons bleached A2

**Observation Notes**

Clover and capeweed? Paddock, 15m box. Abrupt texture contrast, bleached A2? Like R2

**Site Notes**

Goorambat

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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