

**Project Name:** Acids Soils in South Eastern Australia  
**Project Code:** AcidSoils **Site ID:** AV70 **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>	23/08/88	<b>Elevation:</b>	145 metres
<b>Map Ref.:</b>	Sheet No. : 8125 1:100000	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	6002200 AMG zone: 55	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	414400 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>	No Data	<b>Pattern Type:</b>	Rises
<b>Morph. Type:</b>	Mid-slope	<b>Relief:</b>	5 metres
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	1 %	<b>Aspect:</b>	30 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>	DB
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	N/A
Confidence level not specified			

**Site Disturbance:** Cultivation. Rainfed

**Vegetation:**

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

**Surface Coarse Fragments:** No surface coarse fragments

**Profile Morphology**

Ap	0 - 0.15 m	Dark brown (7.5YR3/2-Moist); ; Sandy clay loam, fine sandy; 2-10%, fine gravelly, 2-6mm, subrounded, coarse fragments;
B1	0.15 - 0.3 m	Strong brown (7.5YR4/6-Moist); , 10YR32, 10-20% , 5-15mm, Distinct; Medium clay;
B21	0.3 - 0.6 m	Strong brown (7.5YR4/6-Moist); , 10YR32, 10-20% , 5-15mm, Distinct; Medium clay;
B22	0.6 - 0.8 m	Strong brown (7.5YR5/6-Moist); , 10YR32, 10-20% , 5-15mm, Distinct; Medium clay;

**Morphological Notes**

B22 Co3 effervescence

**Observation Notes**

Peter Hammond. Stubble paddock with moderate grass cover. Fairly uniform yellow brown clay. CO3 at 60cm.

**Site Notes**

Boomahnoomoonah

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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