

**Project Name:** Acids Soils in South Eastern Australia  
**Project Code:** AcidSoils **Site ID:** AV85 **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>	24/08/88	<b>Elevation:</b>	190 metres
<b>Map Ref.:</b>	Sheet No. : 8025 1:100000	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	5974800 AMG zone: 55	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	410000 Datum: AGD66	<b>Drainage:</b>	Imperfectly 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>	Low hills
<b>Morph. Type:</b>	Mid-slope	<b>Relief:</b>	50 metres
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	6 %	<b>Aspect:</b>	80 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>	DY
<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**

Ap	0 - 0.1 m	Very dark grey (10YR3/1-Moist); ; Loamy sand (Heavy); 2-10%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules;
A3	0.1 - 0.2 m	Greyish brown (10YR5/2-Moist); ; Loamy sand; 2-10%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments;
B21	0.2 - 0.5 m	Greyish brown (10YR5/2-Moist); ; Light clay; 2-10%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments;
B22	0.5 - 0.6 m	Greyish brown (10YR5/2-Moist); ; Sandy loam; 2-10%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments;

**Morphological Notes**

B22 No CO3.

**Observation Notes**

Malcolm Ellis. Duplex sandy grey hillside profile on granite hill lateral intersection, no CO3. Podzolic? Classified NCBS?

**Site Notes**

Bungeet West

**Observation ID: 1**

[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