

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV93 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	25/08/88	Elevation:	130 metres
Map Ref.:	Sheet No. : 8025 1:100000	Rainfall:	No Data
Northing/Long.:	6006100 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	397100 Datum: AGD66	Drainage:	Poorly 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:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	1 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	DY
		Great Soil Group:	N/A

Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Brown (7.5YR4/2-Moist); ; Fine sandy loam (Heavy); 0-2%, fine gravelly, 2-6mm, subrounded, Unconsolidated material (unidentified), coarse fragments;
A2	0.1 - 0.18 m	Brown (7.5YR4/4-Moist); Light brown (7.5YR6/4-Dry); ; Fine sandy loam (Heavy); 0-2%, fine gravelly, 2-6mm, subrounded, Unconsolidated material (unidentified), coarse fragments; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;
B21	0.18 - 0.5 m	Yellowish red (5YR5/6-Moist); , 10YR63, 20-50% , 5-15mm, Distinct; Light clay; 0-2%, fine gravelly, 2-6mm, subrounded, Unconsolidated material (unidentified), coarse fragments; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;
B22	0.5 - 0.8 m	Yellowish brown (10YR5/4-Moist); , 7.5YR46, 10-20% , 5-15mm, Distinct; Sandy clay; 0-2%, fine gravelly, 2-6mm, subrounded, Unconsolidated material (unidentified), coarse fragments;

Morphological Notes

A2	Not bleached.
B22	CO3 nodules.

Observation Notes

Max Saunders. Grazing, capeweed>grasses, near edge of slight .5m local depression. Red duplex CO3, RBE.

Site Notes

Burramine South

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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