

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV92 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	24/08/88	Elevation:	170 metres
Map Ref.:	Sheet No. : 8125 1:100000	Rainfall:	No Data
Northing/Long.:	5985500 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	410400 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:	Mid-slope	Relief:	10 metres
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	230 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: 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	Dark reddish brown (5YR3/3-Moist); ; Sandy loam (Light);
A2	0.1 - 0.3 m	Strong brown (7.5YR5/6-Moist); Pinkish grey (7.5YR6/2-Dry); ; Sandy loam (Heavy); 2-10%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments;
B21	0.3 - 0.5 m	Red (2.5YR4/6-Moist); , 10YR6/3, 10-20% , 5-15mm, Distinct; Medium clay; 2-10%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments;
B22	0.5 - 0.8 m	Brown (7.5YR5/4-Moist); ; Medium heavy clay; 2-10%, fine gravelly, 2-6mm, subangular, coarse fragments; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules;

Morphological Notes

A2	Not bleached.
B21	Sandy
B22	No CO3

Observation Notes

Grazing paddock, grass>clover>weeds. Red duplex, RBE but no CO3. NCBS.

Site Notes

Lake Rowan

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[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