

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV18 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	Diddah Diddah Creek.
Date Desc.:	31/05/88	Elevation:	150 metres
Map Ref.:	Sheet No. : 8125 1:100000	Rainfall:	No Data
Northing/Long.:	5998000 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	442000 Datum: AGD66	Drainage:	Imperfectly 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, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

Ap	0 - 0.1 m	Brown (7.5YR4/4-Moist); ; Fine sandy loam; 0-2%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;
Ap	0.1 - 0.2 m	Brown (7.5YR4/4-Moist); ; Fine sandy loam; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;
A2	0.2 - 0.4 m	Red (2.5YR5/8-Moist); Strong brown (7.5YR5/6-Moist); ; Clay loam, fine sandy; Very few (0 - 2 %), Unidentified, Coarse (6 - 20 mm), Nodules;
B21	0.4 - 0.6 m	Yellowish brown (10YR5/8-Moist); , 2.5YR58, 2-10% , 0-5mm, Distinct; Light clay;
B22	0.6 - 0.8 m	Light olive brown (2.5Y5/4-Moist); ; Medium heavy clay;

Morphological Notes

A2 Not bleached

Observation Notes

On slight 1m rise. Grazing paddock, clover (*Trifolium repens*) and grass pasture. Rutherglen loam similar to R4 site

Site Notes

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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