

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AV55 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	
Date Desc.:	22/08/88	Elevation:	160 metres
Map Ref.:	Sheet No. : 8125 1:100000	Rainfall:	No Data
Northing/Long.:	5995800 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	425100 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:	No Data	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	10 metres
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	150 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	DY
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	Very dark grey (5YR3/1-Moist); ; Fine sandy loam; 2-10%, fine gravelly, 2-6mm, subangular, coarse fragments;
A3	0.1 - 0.2 m	Brown (7.5YR5/2-Moist); ; Fine sandy loam; 2-10%, fine gravelly, 2-6mm, subangular, coarse fragments;
AB	0.2 - 0.5 m	Brown (7.5YR5/2-Moist); ; Sandy clay loam; 2-10%, medium gravelly, 6-20mm, angular, coarse fragments;
B2	0.5 - 0.8 m	Brown (7.5YR5/2-Moist); , 5YR56, 10-20% , 5-15mm, Distinct; Medium clay; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules;

Morphological Notes

AB	Stony
B2	Gritty

Observation Notes

Grazing paddock . Grass, clover and weeds. Midslope 200m from crest of stoney hill (quartz). Duplex soil m clay with stoneline 30-50cm. Yellow Podzolic?

Site Notes

Peechelba

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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