

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN115 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	26/09/88	Elevation:	200 metres
Map Ref.:	Sheet No. : 8427 1:100000	Rainfall:	No Data
Northing/Long.:	6107400 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	546800 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:	Undulating low hills 30-90m 3-10%	Pattern Type:	Low hills
Morph. Type:	Simple-slope	Relief:	40 metres
Elem. Type:	Footslope	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	270 degrees

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:	GN2.14
		Great Soil Group:	Red podzolic soil

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 - 0.2 m	Dark brown (10YR3/3-Moist); ; Fine sandy loam; 0-2%, medium gravelly, 6-20mm, subangular, coarse fragments;
A2	0.2 - 0.4 m	Brown (7.5YR5/4-Moist); Brown (7.5YR5/4-Dry); ; Fine sandy loam; 0-2%, medium gravelly, 6-20mm, subangular, coarse fragments;
B1	0.4 - 0.5 m	Reddish brown (5YR4/4-Moist); ; Sandy clay loam, fine sandy; 0-2%, medium gravelly, 6-20mm, angular platy, coarse fragments;
B2	0.5 - 0.8 m	Yellowish red (5YR4/6-Moist); ; Light clay; 0-2%, medium gravelly, 6-20mm, angular platy, coarse fragments;

Morphological Notes

A2 Not bleached.

Observation Notes

On footslope 200m uphill of creek, grass>clover. Similar to 113/114, however not duplex, but gradational. No CO3. Red Podzolic RE intergrade.

Site Notes

Ladysmith

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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_AL	Exchangeable aluminium - method 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