

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN227 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	Coffin Rock
Date Desc.:	17/05/89	Elevation:	300 metres
Map Ref.:	Sheet No. : 8428 1:100000	Rainfall:	No Data
Northing/Long.:	6158300 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	548800 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:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	No Data	Relief:	5 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:	Gn2.12
Site Disturbance:	Cultivation. Rainfed	Great Soil Group:	N/A

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

Ap	0 - 0.2 m	Dark brown (7.5YR3/4-Moist); ; Fine sandy loam (Heavy); Gradual change to -
B21	0.2 - 0.4 m	Reddish brown (5YR4/4-Moist); ; Clay loam, fine sandy; Gradual change to -
B22	0.4 - 0.8 m	Yellowish red (5YR4/6-Moist); ; Sandy clay;

Morphological Notes

Observation Notes

Gradational Red profile. No CO3. Hardsetting earthy pedal fabric. Red Earth with not much sand ie. Loamy red earth not bright red.

Site Notes

Owner: Alan Limbeck. Young cereal crop on flat site. 800 m. from 20 m. rise to north.

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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