

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN26 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	24/06/88	Elevation:	215 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6112200 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	510500 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 low hills 30-90m 3-10%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	60 metres
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	200 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	N/A
Confidence level not specified			

Site Disturbance: Cultivation. Rainfed

Vegetation:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.14 m	Reddish brown (5YR4/4-Moist); ; Silty clay loam;
A2	0.14 - 0.22 m	Dark red (2.5YR3/6-Moist); ; Silty clay loam;
B2	0.22 - 0.8 m	Red (2.5YR4/8-Moist); ; Light clay;

Morphological Notes

A2 Weak A2.

Observation Notes

Stubble paddock, some grass and clover. Midslope of 60m rolling rises, 15m gum and box trees. Heavy red earthy profile, diffuse boundary and fairly uniform subsoil. Weak A2 appears present? Podzolic Red Earth.

Site Notes

Collingullie

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		
						Cmol (+)/kg			%

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle	Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt Clay
		%	mg/kg	%	%	%	Mg/m3			%	

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar		
m					g/g - m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile