Project Code:AcidSoilsSite ID:AN171Observation ID:1Agency Name:CSIRO Land and Water (ACT)Site InformationDesc. By:G. W. GeevesLocality:Date Desc.:11/10/88Map Ref.:Sheet No.: 83281:100000Sheet No.: 83281:100000Rainfall:No DataMorthing/Long:6137000 AMG zone: 55Runoff:Moderately rapidEasting/Lat:530400Datum: AGD66Drainage:Moderately well drainedGeologyExposureType:Auger boringConf. Sub. is Parent. Mat.:No DataExposureType:Auger boringConf. Sub. is Parent. Mat.:No DataGeol. Ref.:No DataSubstrate Material:No DataHand FormRelief:20 metresBelm. Type:Simple-slopeSlope Cass:Gently inclinedSlope:3 %Aspect:160 degreesSurface Soil Condition (dry):Erosin:Singer GrauticeN/AN/APrincipal Profile Form:GN2.12Australian Soil Classification:Mapping Unit:N/AN/APrincipal Profile Form:GN2.12Act Confidence level not specifiedGreat Soil Group:N/ASite Disturbance:Competence irragments:No surface coarse fragments:Pofile MorpholocyAp0:0.2.7Carse sandy (leavy); 2:10%, fine gravelly, 2:6mm, subangular, Quartz, coarse fragments;B210.2 0.5 mRed (2:5YR4/8-Moist); : Coarse sandy clay;2:10%, fine gravelly, 2:6mm, subangular, Quar	Projec	t Name:	Ac	ids Soils in South Eastern Australia								
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Quartz, coarse fragments;	Ap 0 - 0.2 m Strong brown (7.5YR4/6-Moist); ; Coarse sandy clay loam; 2-10%, fine gravelly, 2-6mm,											
B22 0.5 - 0.8 m Yellowish red (5YR5/6-Moist); ; Coarse sandy clay;	B21	0.2 - 0.5	m									
	B22	0.5 - 0.8	m	Yellowish re	ed (5YR5/6-Mois	st); ; Coarse sa	andy cla	ay;				

Morphological Notes B22

Gravelly.

Observation Notes

Patchy grazing, broadleafs=clover>grasses on long footslope 800m from crest of rise to NW (possible granitoid outcrop). Gradational red coarse sandy profile, gravel possibly from granite rise. Red Earth (sandy).

Site Notes

Malebo Range

Project Name:	Acids Soils in So	outh Easte	rn Australia		
Project Code:	AcidSoils	Site ID:	AN171	Observation ID:	1
Agency Name:	CSIRO Land and	I Water (AC	;Т)		

Laboratory Test Results:

Depth	рН	1:5 EC		hangeable Mg	Cations K	E Na	xchangeable Acidity	CEC	ECEC	ESP
m		dS/m	Ga	wig	n	Cmol (+)				%
0 - 0.1	5.03B		3.28K	0.75	0.7	0.05				
0.1 - 0.2	4.93B		3.57K	0.91	0.47	0.04				
0.2 - 0.3	5.26B		3.97K	1.15	0.34	0.01				
0.3 - 0.4 0.4 - 0.5	5.39B 5.56B		4.23K	1.49	0.27	0.01				
0.4 - 0.5 0.7 - 0.8	5.84B									
0.7 - 0.8	J.04D									
Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Analysis
m	%	C %	P mg/kg	P %	N %	K %	Density Mg/m3	GV CS	FS %	Silt Clay
	70	70		,,,	,,	70			70	
0 - 0.1										
0.1 - 0.2										
0.2 - 0.3										
0.3 - 0.4										
0.4 - 0.5										
0.7 - 0.8										
Depth	COLE		Grav	imetric/Va	olumetric V	Vater Cont	ents	к	sat	K unsat
Dopti	0011	Sat.	0.05 Bar		0.5 Bar	1 Bar	5 Bar 15 E		out	it unout
m		••••	0.00 24.		g - m3/m		•		m/h	mm/h
0 - 0.1										
0.1 - 0.2 0.2 - 0.3										
0.2 - 0.3 0.3 - 0.4										
0.0 - 0.4										

0.4 - 0.5 0.7 - 0.8

Project Name: Acids Soils in South Eastern Australia Project Code: AcidSoils Site ID: AN171 Agency Name: **CSIRO Land and Water (ACT)**

Observation ID: 1

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 15_NR_K
- Exchangeable aluminium method not recorded Exch. basic cations (Ca++) meq per 100g of soil Not recorded Exch. basic cations (K++) meq per 100g of soil Not recorded Exch. basic cations (Mg++) meq per 100g of soil Not recorded Exch. basic cations (Na++) meq per 100g of soil Not recorded pH of 1:5 soil/0.01M calcium chloride extract direct 15_NR_MG
- 15_NR_NA
- 4B1