Project Name: Project Code: Agency Name:	AcidSoils	cids Soils in South Eastern Australia cidSoils Site ID: AN51 G SIRO Land and Water (ACT)				1		
Site Informatio Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	G. W. Geeves 22/07/88 Sheet No. : 8327	Locality: Elevation: 310 metres Rainfall: No Data Runoff: Moderately rapid Drainage: Moderately well drained			Irained			
<u>Geology</u> ExposureType: Geol. Ref.:	Auger boring No Data		Conf. Sub. is Parent. Mat.: No Substrate Material: No					
Land Form Rel/Slope Class:	Undulating low hil 10%	lls 30-90m 3-	Pattern Type:	Low hi	Low hills			
Morph. Type: Elem. Type: Slope:	Lower-slope Hillslope 3 %		Relief: Slope Category Aspect:	: Gently	10 metres Gently inclined 330 degrees			
Surface Soil Condition (dry):								
Erosion:								
Soil Classification	<u>ion</u>							
Australian Soil Classification: N/A ASC Confidence: Confidence level not specified			Mapping Unit:N/APrincipal Profile Form:GN4.51Great Soil Group:N/A					
Site Disturbance:								
Vegetation: Tall Strata - Sod grass, <0.25m, Sparse. *Species includes - None Recorded								
Surface Coars	Fragments: No	0						
Profile Morpho			0					
A1 0-0.1 m		Reddish brown (5YR4/3-Moist); ; Sandy clay loam, fine sandy;						
A2 0.1 - 0.3		Reddish brown (5YR5/4-Moist); Light brown (7.5YR6/4-Dry); ; Sandy clay loam, fine sandy; 2- 10%, medium gravelly, 6-20mm, Chert, coarse fragments;						
AB 0.3 - 0.4		Yellowish red (5YR4/6-Moist); ; Fine sandy clay; 0-2%, fine gravelly, 2-6mm, subrounded, Unconsolidated material (unidentified), coarse fragments;						
B2 0.4 - 0.8	gravelly, 2-	Yellowish brown (10YR5/4-Moist); , 5YR58, 10-20% , 0-5mm, Distinct; Light clay; 0-2%, fine gravelly, 2-6mm, subrounded, Unconsolidated material (unidentified), coarse fragments; Very few (0 - 2 %), Unidentified, Medium (2 -6 mm), Nodules;						
Morphological	Notes							

Morphological NotesA2Charcoal, pale A2.

Observation Notes

Simple lower slope 800m from 30m hill. Crop paddock with no crop, only weeds. Yellow Podzolic similar to Rutherglen loam? Site Notes

Mangoplah

Project Name:	Acids Soils in			
Project Code:	AcidSoils	Site ID:	AN51	Observation ID:
Agency Name:	CSIRO Land a	nd Water (A	CT)	

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 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.7 - 0.8	4.41B 4.44B 4.7B 4.74B 4.7B 4.88B		1.96K 2.03K 7.12K 4.47K	0.33 0.47 1.61 2.63	0.32 0.14 0.14 0.18	0.05 0.07 0.11 0.18				
Depth	CaCO3	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Particle GV CS	e Size FS %	Analysis Silt Clay
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/Vo	olumetric V	Vater Conte	ents	к	sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar /g - m3/m	1 Bar 3	5 Bar 15 B		m/h	mm/h
0 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.4										

1

0.4 - 0.5 0.7 - 0.8

Project Name: Acids Soils in South Eastern Australia Project Code: AcidSoils Site ID: AN51 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