Project Name: CAN
Project Code: CAN **Site ID:** CP143 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By: P.H. Walker
Date Desc.: 31/05/79
Map Ref.: Sheet No. : S1 55-16 1:250000
Northing/Long.: 149.183333333333
Easting/Lat.: -35.3388888888889
Locality:
Elevation: 580 metres
Rainfall: 640
Runoff: Very slow
Drainage: Moderately well drained

Geology

ExposureType: Existing vertical exposure
Geol. Ref.: No Data
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Porous, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class: Rolling plains <9m 10-32%
Morph. Type: Flat
Elem. Type: Valley flat
Slope: 2 %
Pattern Type: Terrace (alluvial)
Relief: No Data
Slope Category: Very gently sloped
Aspect: 290 degrees

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:
Haplic Mesotrophic Red Kandosol
ASC Confidence:
No analytical data are available but confidence is fair.
Mapping Unit: N/A
Principal Profile Form: Gn2.1
Great Soil Group: N/A

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Sod grass, , . *Species includes - None recorded

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.17 m	Dark red (2.5YR3/6-Moist); ; Fine sandy loam; Massive grade of structure; Firm consistence; Clear change to -
A2	0.17 - 0.3 m	Dark red (2.5YR3/6-Moist); ; Fine sandy loam; Massive grade of structure; Firm consistence; Diffuse change to -
B1	0.3 - 0.45 m	Dark red (2.5YR3/6-Moist); ; Clay loam, fine sandy; Massive grade of structure; Firm consistence; Diffuse change to -
B1	0.45 - 0.6 m	Dark red (2.5YR3/6-Moist); ; Clay loam, fine sandy; Massive grade of structure; Very firm consistence;
B21	0.6 - 0.9 m	Dark red (10R3/6-Moist); ; Light clay; Massive grade of structure; Very strong consistence; Diffuse change to -
B22	0.9 - 1.2 m	Dark red (10R3/6-Moist); ; Light clay; Massive grade of structure; Very strong consistence; Diffuse change to -

Morphological Notes

Observation Notes

APPROX. 10CM OVERBURDEN REMOVED:CAINOZOIC ALLUVIUM (MOLONGOLO RV.)

Site Notes

FYSHWICK/Q'BYN

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Laboratory Test Results:

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

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle Size Analysis				
		C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
m	%	%	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	15 Bar		
m		g/g - m3/m3							mm/h	mm/h

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Laboratory Analyses Completed for this profile