Project Name: ACR
Project Code: ACR **Site ID:** T569 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By: G.G. Murtha
Date Desc.: 19/08/92
Map Ref.: Sheet No. : 8063 1:100000
Northing/Long.: 145.532777777778
Easting/Lat.: -17.2652777777778
Locality:
Elevation: No Data
Rainfall: 0
Runoff: Moderately rapid
Drainage: Well drained

Geology

ExposureType: No Data
Geol. Ref.: No Data
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Basalt

Land Form

Rel/Slope Class: Undulating rises 9-30m 3-10%
Morph. Type: Upper-slope
Elem. Type: Hillslope
Slope: 3.5 %
Pattern Type: Hills
Relief: No Data
Slope Category: Gently inclined
Aspect: No Data

Surface Soil Condition (dry): N/A

Erosion:

Soil Classification

Australian Soil Classification:
N/A
ASC Confidence:
Confidence level not specified
Mapping Unit: N/A
Principal Profile Form: Gn3.11
Great Soil Group: Krasnozem

Site Disturbance: Cultivation. Rainfed

Vegetation:

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

Ap	0 - 0.15 m	; Clay loam; Weak grade of structure, 5-10 mm, Subangular blocky; Moist; Weak consistence;
	0.15 - 0.3 m	; Clay loam (Heavy); Weak grade of structure, 5-10 mm, Subangular blocky; Firm consistence;
	0.3 - 0.6 m	; Light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Very firm consistence;
	0.6 - 0.9 m	; Light medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Very firm consistence;
	0.9 - 1.2 m	; Medium clay; Strong grade of structure, 10-20 mm, Polyhedral; Very firm consistence;
	1.2 - 1.5 m	; Medium clay; Strong grade of structure, 10-20 mm, Polyhedral; Very firm consistence;
	1.5 - 1.8 m	; Medium clay; Strong grade of structure, 10-20 mm, Polyhedral; Very firm consistence;
	1.8 - 2.1 m	; Medium clay; Strong grade of structure, 10-20 mm, Polyhedral; Very firm consistence;

Morphological Notes

Observation Notes

Site Notes

ATHERTON

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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							%
0 - 0.15										
0.15 - 0.3										
0.3 - 0.6										
0.6 - 0.9										
0.9 - 1.2										
1.2 - 1.5										
1.5 - 1.8										
1.8 - 2.1										

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.15												
0.15 - 0.3												
0.3 - 0.6												
0.6 - 0.9												
0.9 - 1.2												
1.2 - 1.5												
1.5 - 1.8												
1.8 - 2.1												

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
0 - 0.15									
0.15 - 0.3									
0.3 - 0.6									
0.6 - 0.9									
0.9 - 1.2									
1.2 - 1.5									
1.5 - 1.8									
1.8 - 2.1									

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Laboratory Analyses Completed for this profile