

Project Name: ACR
Project Code: ACR **Site ID:** T568 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.G. Murtha	Locality:	
Date Desc.:	20/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8063 1:100000	Rainfall:	0
Northing/Long.:	145.945833333333	Runoff:	Rapid
Easting/Lat.:	-17.4708333333333	Drainage:	Well drained

Geology

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

Land Form

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

Surface Soil Condition (dry): N/A

Erosion:

Soil Classification

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

Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation: Low Strata - Tussock grass, 1.01-3m, Closed or dense. *Species includes - Panicum maximum var. trichoglume

Surface Coarse Fragments: 10-20%, coarse gravelly, 20-60mm, subrounded, Basalt

Profile Morphology

A1	0 - 0.15 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam; Strong grade of structure, 2-5 mm, Granular; Moist; Weak consistence; 10-20%, coarse gravelly, 20-60mm, subrounded, Basalt, coarse fragments; Abundant, fine (1-2mm) roots;
	0.15 - 0.3 m	Dark reddish brown (5YR3/4-Moist); ; Light clay; Strong grade of structure, 5-10 mm, Subangular blocky; Firm consistence; 2-10%, coarse gravelly, 20-60mm, subrounded, Basalt, coarse fragments; Many, fine (1-2mm) roots;
	0.3 - 0.6 m	Dark red (2.5YR3/6-Moist); ; Light medium clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Firm consistence; 2-10%, coarse gravelly, 20-60mm, subrounded, Basalt, coarse fragments; Few, fine (1-2mm) roots;
	0.6 - 0.9 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; Very firm consistence; 10-20%, coarse gravelly, 20-60mm, subrounded, Basalt, coarse fragments;
	0.9 - 1.2 m	Red (2.5YR4/6-Moist); ; Medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; Very firm consistence; 10-20%, coarse gravelly, 20-60mm, subrounded, Basalt, coarse fragments;
	1.2 - 1.5 m	Red (2.5YR4/6-Moist); ; Medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; Very firm consistence; 10-20%, coarse gravelly, 20-60mm, subrounded, Basalt, coarse fragments;
	1.5 - 1.8 m	Yellowish red (5YR4/6-Moist); ; Medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; 50-90%, coarse gravelly, 20-60mm, subrounded, Basalt, coarse fragments;
	1.8 - 2.1 m	;

Morphological Notes

Max in weathered basalt.

Observation Notes

SURFACE GRAVEL IS LATERITIZED BASALT; MODERATE AMOUNTS OF SOFT WEATHERED BASALT FROM 110CM:

Site Notes

INNISFAIL

Laboratory Test Results:

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

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

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