Project Name: **Regional**
Project Code: **REG** **Site ID:** **T556** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (QLD)**

Site Information

Desc. By: R.J. Coventry
Locality: Described from west of cutting m N of only Bloodwood saplilng at edge of cut:
Date Desc.: 03/10/91
Elevation: No Data
Map Ref.:
Rainfall: 0
Northing/Long.: 144.4125
Runoff: No Data
Easting/Lat.: -20.375
Drainage: No Data

Geology

ExposureType: Existing vertical exposure
Conf. Sub. is Parent. Mat.: No Data
Geol. Ref.: No Data
Substrate Material: Existing vertical exposure, 0.7 m deep,Porous, Basalt

Land Form

Rel/Slope Class: No Data
Pattern Type: No Data
Morph. Type: No Data
Relief: No Data
Elem. Type: No Data
Slope Category: No Data
Slope: 0 %
Aspect: No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:
N/A
ASC Confidence:
Confidence level not specified
Mapping Unit: N/A
Principal Profile Form: Gn3.12
Great Soil Group: Euchrozem

Site Disturbance:

Vegetation: Low Strata - , , . *Species includes - Heteropogon contortus, Themeda triandra

Tall Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Eucalyptus dichromophloia

Surface Coarse Fragments: 90-100%, bouldery, 600mm-2m, , Basalt

Profile Morphology

A11	0 - 0.3 m	Very dark brown (10YR2/2-Moist); Very dark greyish brown (10YR3/2-Dry); ; Clay loam; Strong grade of structure, 2-5 mm, Polyhedral; Dry; Weak consistence; 90-100%, bouldery, 600mm-2m, angular, undisturbed, Basalt, coarse fragments; Field pH 5.7 (pH meter); Few, medium (2-5mm) roots; Gradual change to -
A12	0.3 - 0.5 m	Dark reddish brown (5YR3/3-Moist); Dark reddish brown (5YR3/3-Dry); ; Clay loam; Strong grade of structure, 2-5 mm, Polyhedral; Dry; Weak consistence; 50-90%, medium gravelly, 6-20mm, angular, dispersed, Basalt, coarse fragments; Field pH 6 (pH meter); Few, medium (2-5mm) roots; Diffuse change to -
B2	0.5 - 0.6 m	Dark reddish brown (5YR3/4-Moist); Dark reddish brown (5YR3/4-Dry); ; Light clay; Strong grade of structure, 10-20 mm, Polyhedral; Dry; Weak consistence; 20-50%, medium gravelly, 6-20mm, angular, Basalt, coarse fragments; Field pH 6 (pH meter); Few, coarse (>5mm) roots;
B2	0.6 - 0.7 m	; Light clay; Strong grade of structure, 10-20 mm, Polyhedral; Dry; Weak consistence; Field pH 6 (pH meter); Diffuse change to -
C	0.7 - 1.7 m	; Field pH 6.5 (pH meter, 1.6);

Morphological Notes

C Grey massive wth'd basalt onion shin wth'g along joints.

Observation Notes

PROFILE WCG1 RJC FIELD BOOK 13 5.9M BASALT OVERLYING RED EARTH:

Site Notes

WHITE CLIFF GO

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable Acidity	CEC	ECEC	ESP
			Ca	Mg	K	Na				
m		dS/m	Cmol (+)/kg							%
0 - 0.3										
0.3 - 0.5										
0.5 - 0.6										
0.6 - 0.7										
0.7 - 1.7										

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 - 0.3												
0.3 - 0.5												
0.5 - 0.6												
0.6 - 0.7												
0.7 - 1.7												

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 - 0.3										
0.3 - 0.5										
0.5 - 0.6										
0.6 - 0.7										
0.7 - 1.7										

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Laboratory Analyses Completed for this profile