

Project Name: RR
Project Code: RR **Site ID:** B700 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	J.D. Ross	Locality:	
Date Desc.:	10/12/85	Elevation:	45 metres
Map Ref.:	Sheet No. : 9442 1:100000	Rainfall:	0
Northing/Long.:	152.799444444444	Runoff:	No Data
Easting/Lat.:	-27.6875	Drainage:	No Data

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Jm	Substrate Material:	1 m deep,Sandstone

Land Form

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

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Eutrophic Mottled-Mesonatric Grey Sodosol		Principal Profile Form:	Dy3.42
ASC Confidence:		Great Soil Group:	Solodized solonetz
No analytical data and little or no knowledge of this soil.			

Site Disturbance:

Vegetation:

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.05 m	Greyish brown (10YR5/2-Moist); ; Sandy loam; Weak grade of structure, 5-10 mm, Granular; Massive grade of structure; Dry; Weak consistence; Field pH 5.9 (pH meter); Common, fine (1-2mm) roots; Clear change to -
A12	0.05 - 0.1 m	Greyish brown (10YR5/2-Moist); ; Loamy sand (Heavy); Massive grade of structure; Dry; Firm consistence; Field pH 6.5 (pH meter); Few, fine (1-2mm) roots; Clear change to -
A2	0.1 - 0.2 m	Light brownish grey (10YR6/2-Moist); White (10YR8/1-Dry); ; Sandy loam; Massive grade of structure; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Dry; Very firm consistence; Field pH 6.3 (pH meter); Few, fine (1-2mm) roots; Clear change to -
B21	0.2 - 0.3 m	Dark greyish brown (10YR4/2-Moist); , 10YR53, 10-20% , 0-5mm, Distinct; , 7.5YR44, 10-20% , 0-5mm, Distinct; Medium clay; Strong grade of structure, 100-200 mm, Columnar; Dry; Strong consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Soft segregations; Field pH 6.5 (pH meter); Few, fine (1-2mm) roots; Gradual change to -
B21	0.3 - 0.4 m	Dark greyish brown (10YR4/2-Moist); , 10YR52, 10-20% , 15-30mm, Distinct; , 7.5YR44, 10-20% , 15-30mm, Distinct; Medium clay; Strong grade of structure, 100-200 mm, Columnar; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, undisturbed, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Soft segregations; Field pH 6.5 (pH meter); Gradual change to -
B22	0.4 - 0.6 m	Greyish brown (10YR5/2-Moist); , 10YR56, 10-20% , 15-30mm, Distinct; , 10-20% , 15-30mm, Distinct; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, undisturbed, Quartz, coarse fragments; Field pH 7.5 (pH meter); Diffuse change to -
B23	0.6 - 0.9 m	Light yellowish brown (10YR6/4-Moist); , 10YR66, 20-50% , 15-30mm, Distinct; , 20-50% , 15-30mm, Distinct; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Dry; Strong consistence; Field pH 7 (pH meter); Diffuse change to -
B3	0.9 - 1 m	Light yellowish brown (10YR6/4-Moist); , 10YR65, 20-50% , 15-30mm, Distinct; , 10YR53, 20-50% , 15-30mm, Distinct; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Dry; Strong consistence; Field pH 7 (pH meter);

Morphological Notes

Observation Notes

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Site Notes

Laboratory Test Results:

0 - 0.05
0.05 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.4
0.4 - 0.6
0.6 - 0.9
0.9 - 1

[illegible][illegible]

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Laboratory Analyses Completed for this profile

2A1	Air-dry moisture content
P10_NR_C	Clay (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded