

Project Name: RR
Project Code: RR **Site ID:** B546 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	R. Paton	Locality:	
Date Desc.:	18/08/65	Elevation:	488 metres
Map Ref.:	Sheet No. : 9241 1:100000	Rainfall:	635
Northing/Long.:	151.540555555556	Runoff:	Moderately rapid
Easting/Lat.:	-28.236666666667	Drainage:	Moderately well drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Cl+	Substrate Material:	Soil pit, 0.56 m deep,Mudstone

Land Form

Rel/Slope Class:	Undulating low hills 30-90m 3-10%	Pattern Type:	Low hills
Morph. Type:	Simple-slope	Relief:	152 metres
Elem. Type:	Hillslope	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-Hypernatric Grey Sodosol		Principal Profile Form:	Dy3.41
ASC Confidence:		Great Soil Group:	Soloth

All necessary analytical data are available.

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation:

Tall Strata - Tree, , Isolated plants. *Species includes - Eucalyptus crebra, Eucalyptus moluccana

Surface Coarse Fragments: 10-20%, cobbly, 60-200mm, ,

Profile Morphology

A1	0 - 0.08 m	Dark greyish brown (10YR4/2-Moist); ; Loam; Weak grade of structure, Angular blocky; Moist; Weak consistence; 10-20%, coarse gravelly, 20-60mm, coarse fragments; Field pH 5.9 (pH meter); Clear change to -
A21	0.08 - 0.23 m	Pale brown (10YR6/3-Moist); ; Loam; Massive grade of structure; Moist; Weak consistence; 20-50%, coarse gravelly, 20-60mm, angular, Sandstone, coarse fragments; Field pH 6.3 (pH meter); Gradual change to -
A22	0.23 - 0.33 m	Pale brown (10YR6/3-Moist); , 7.5YR58, 10-20% , 5-15mm, Prominent; , 10-20% , 5-15mm, Prominent; Loam; Massive grade of structure; Moist; Weak consistence; 50-90%, coarse gravelly, 20-60mm, angular, Sandstone, coarse fragments; Field pH 6.5 (pH meter); Sharp change to -
B2	0.33 - 0.56 m	Pale brown (10YR6/3-Moist); , 10R46, 20-50% , 5-15mm, Prominent; , 2.5Y63, 20-50% , 5-15mm, Prominent; Medium clay; Moderate grade of structure, Angular blocky; Wet; 20-50%, medium gravelly, 6-20mm, coarse fragments; Field pH 6.3 (pH meter);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_H	Hydrogen Cation - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
2A1	Air-dry moisture content
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recorded
6A1	Organic carbon - Walkley and Black
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - Not recorded
9A_NR	Total element - P(%) - Not recorded
P10_GRAV	Gravel (%)
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded