

Project Name: RR
Project Code: RR **Site ID:** B292 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	01/10/56	Elevation:	366 metres
Map Ref.:	Sheet No. : 8159 1:100000	Rainfall:	1092
Northing/Long.:	146.458055555556	Runoff:	Moderately rapid
Easting/Lat.:	-19.35	Drainage:	Imperfectly drained

Geology

ExposureType:	Existing vertical exposure	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Qa	Substrate Material:	Existing vertical exposure, 1.3 m deep, Porous, Granodiorite

Land Form

Rel/Slope Class:	Rolling rises 9-30m 10-32%	Pattern Type:	Rises
Morph. Type:	Lower-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	No Data
Slope:	7 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Vertic Mottled-Subnatric Yellow Sodosol		Principal Profile Form:	Dy3.43
ASC Confidence:		Great Soil Group:	Solodized solonetz
All necessary analytical data are available.			

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

Vegetation: Low Strata - Tussock grass, , . *Species includes - Chloris species, Aristida species
Mid Strata - Tree, , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Greyish brown (10YR5/2-Moist); ; Loamy coarse sand; Weak grade of structure, Platy; Moist; Weak consistence; 2-10%, fine gravelly, 2-6mm, coarse fragments; Field pH 6 (pH meter); Many, fine (1-2mm) roots; Clear change to -
A2	0.1 - 0.28 m	Light grey (10YR7/2-Moist); ; Coarse sand; Massive grade of structure; Moderately moist; Weak consistence; 2-10%, fine gravelly, 2-6mm, coarse fragments; Field pH 6.1 (pH meter); Clear change to -
B21	0.28 - 0.51 m	Brownish yellow (10YR6/6-Moist); , 5Y62, 20-50% , 5-15mm, Distinct; , 20-50% , 5-15mm, Distinct; Medium clay; Strong grade of structure, 50-100 mm, Columnar; Strong grade of structure, Angular blocky; Moderately moist; Very firm consistence; Field pH 7.7 (pH meter); Gradual change to -
B22	0.51 - 0.66 m	Brownish yellow (10YR6/6-Moist); , 5Y63, 20-50% , 5-15mm, Faint; , 20-50% , 5-15mm, Faint; Medium heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moist; Firm consistence; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Nodules; Field pH 9.3 (pH meter); Gradual change to -
B23	0.66 - 1.02 m	Pale olive (5Y6/4-Moist); ; Heavy clay; Moderate grade of structure, 10-20 mm, Angular blocky; Moist; Firm consistence; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Nodules; Field pH 9 (pH meter); Diffuse change to -
B3	1.02 - 1.32 m	Pale yellow (5Y8/3-Moist); , 2.5Y44, 20-50% , 15-30mm, Distinct; , 20-50% , 15-30mm, Distinct; Medium clay; Weak grade of structure, Angular blocky; Moist; Firm consistence; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Nodules; Field pH 9.1 (pH meter); Diffuse change to -
C	1.32 - 1.63 m	Pale yellow (5Y8/3-Moist); , 2.5Y44, 20-50% , 15-30mm, Distinct; , 20-50% , 15-30mm, Distinct; Clay loam, coarse sandy; Massive grade of structure; Moist; Weak consistence; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Nodules; Field pH 9.2 (pH meter);

Morphological Notes

Observation Notes

Site Notes

Project Name: RR
Project Code: RR **Site ID:** B292 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)
HERVEY RANGE

Project Name: RR
Project Code: RR **Site ID:** B292 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

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
19B_NR	Calcium Carbonate (CaCO3) - 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