

Project Name: NAR
Project Code: NAR **Site ID:** B784 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	13/05/71	Elevation:	230 metres
Map Ref.:	Sheet No. : 9046 1:100000	Rainfall:	716
Northing/Long.:	150.902777777778	Runoff:	No Data
Easting/Lat.:	-25.704166666667	Drainage:	No Data

Geology

Exposure Type:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	PRT	Substrate Material:	Auger boring, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	No Data
Morph. Type:	Open depression (vale)	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	4.4 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Black Chromosol		Principal Profile Form:	Dd2.13
ASC Confidence:		Great Soil Group:	Solodic soil
All necessary analytical data are available.			

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

Vegetation: Low Strata - Tussock grass, , . *Species includes - Heteropogon contortus, Cymbopogon refractus
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus tessellaris

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.3 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Weak grade of structure, 5-10 mm, Polyhedral; Moist; Very weak consistence; 20-50%, medium gravelly, 6-20mm, angular, Gravel, coarse fragments; Field pH 6.3 (pH meter); Common, very fine (0-1mm) roots; Abrupt change to -
A12	0.3 - 0.5 m	Black (10YR2/1-Moist); ; Coarse sandy loam; Moderate grade of structure, 10-20 mm, Polyhedral; Moist; Weak consistence; 20-50%, medium gravelly, 6-20mm, angular, Gravel, coarse fragments; Field pH 6 (pH meter); Many, very fine (0-1mm) roots; Abrupt change to -
B2	0.5 - 0.9 m	Very dark greyish brown (2.5Y3/2-Moist); , 10YR44, 10-20% , 0-5mm, Faint; , 10-20% , 0-5mm, Faint; Heavy clay; Moderate grade of structure, 5-10 mm, Polyhedral; Moist; Firm consistence; 20-50%, medium gravelly, 6-20mm, angular, Gravel, coarse fragments; Field pH 6.5 (pH meter); Gradual change to -
B2	0.9 - 1.2 m	Olive brown (2.5Y4/4-Moist); , 10YR44, 10-20% , 5-15mm, Faint; , 10YR74, 10-20% , 5-15mm, Faint; Heavy clay; Weak grade of structure, 5-10 mm, Polyhedral; Moist; Firm consistence; 20-50%, medium gravelly, 6-20mm, angular, Gravel, coarse fragments; Field pH 6.5 (pH meter); Gradual change to -
B2	1.2 - 2 m	Dark greyish brown (2.5Y4/2-Moist); , 2.5Y56, 10-20% , 15-30mm, Faint; , 10YR44, 10-20% , 15-30mm, Faint; Heavy clay; Moderate grade of structure, 10-20 mm, Polyhedral; Moist; Very firm consistence; 10-20%, medium gravelly, 6-20mm, angular, Gravel, coarse fragments; Field pH 8.5 (pH meter);

Morphological Notes

Observation Notes

SUBSTRATE LOCAL ALLUVIUM FROM ADAMELLITE. BELOW 90 CM LIGHT INCREASING TO MODERATE MINERAL SPECKLING, PALE BROWN AND WHITE. GRAVEL DOM. FELDSPAR WITH QUARTZ. LAYERS RENUMBERED 6-10-92

Site Notes

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Laboratory Test Results:

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Laboratory Analyses Completed for this profile

10A_NR	Total element - S(%) - Not recorded
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
17A_NR	Total element - K(%) - 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
9A_NR	Total element - P(%) - Not recorded
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H2SO4 (BSES)
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