

Project Name: TBL
Project Code: TBL **Site ID:** B841 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	B. Slater	Locality:	
Date Desc.:	19/02/87	Elevation:	No Data
Map Ref.:	Sheet No. : 8843 1:100000	Rainfall:	0
Northing/Long.:	149.983333333333	Runoff:	Slow
Easting/Lat.:	-29.15	Drainage:	Moderately well drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Qs	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Vertic Subnatic Grey Sodosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	N/A

All necessary analytical data are available.

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - , , . *Species includes - Chloris ventricosa
Mid Strata - , , . *Species includes - Geijera parviflora, Eremophila mitchellii
Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - Casuarina cristata, Eucalyptus populnea, Acacia

harpophylla

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.05 m	Brown (7.5YR4/3-Moist); Brown (7.5YR5/4-Dry); ; Sandy clay loam (Light); Massive grade of structure; Dry; Weak consistence; 2-10%, fine gravelly, 2-6mm, subrounded, Substrate material, coarse fragments; Field pH 7.8 (pH meter); Clear change to -
A12	0.05 - 0.1 m	Brown (7.5YR4/3-Moist); ; Loam; Massive grade of structure; Dry; Firm consistence; 2-10%, medium gravelly, 6-20mm, subrounded, Substrate material, coarse fragments; Clear change to -
A2sb	0.1 - 0.2 m	Dark brown (7.5YR3/2-Moist); White (10YR8/2-Dry); ; Fine sandy loam (Heavy); Massive grade of structure; Dry; Firm consistence; 2-10%, medium gravelly, 6-20mm, subrounded, Substrate material, coarse fragments; Abrupt change to -
B21t	0.2 - 0.3 m	Brown (7.5YR4/2-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 2-10%, medium gravelly, 6-20mm, subrounded, Substrate material, coarse fragments; Field pH 7.5 (pH meter); Gradual change to -
B22t	0.3 - 0.6 m	Brown (7.5YR4/2-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Very strong consistence; 2-10%, medium gravelly, 6-20mm, subrounded, Substrate material, coarse fragments; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Nodules; Field pH 8 (pH meter); Gradual change to -
B23k	0.6 - 0.9 m	Brown (10YR5/3-Moist); , 10YR66, 2-10% , 0-5mm, Distinct; , 2-10% , 0-5mm, Distinct; Medium clay; Moderate grade of structure, 20-50 mm, Lenticular; Smooth-ped fabric; Dry; Very strong consistence; 2-10%, medium gravelly, 6-20mm, subrounded, Substrate material, coarse fragments; Common (10 - 20 %), Calcareous, Medium (2 -6 mm), Nodules; Field pH 9 (pH meter); Gradual change to -
B24k	0.9 - 1.2 m	Brown (10YR5/3-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Lenticular; Smooth-ped fabric; Dry; Very strong consistence; 0-2%, medium gravelly, 6-20mm, subrounded, Substrate material, coarse fragments; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Nodules; Field pH 9 (pH meter); Gradual change to -

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B25	1.2 - 1.5 m	Greyish brown (10YR5/2-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Lenticular; Smooth-ped fabric; Dry; Very strong consistence; 0-2%, medium gravelly, 6-20mm, subrounded, Substrate material, coarse fragments; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Nodules; Field pH 9 (pH meter); Gradual change to -
B25	1.5 - 1.74 m	Greyish brown (10YR5/2-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Lenticular; Smooth-ped fabric; Dry; Very strong consistence; 2-10%, fine gravelly, 2-6mm, subangular, Sand, coarse fragments;

Morphological Notes

Observation Notes

LAYERS RENUMBERED 12/10/92

Site Notes

TARA

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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
19B_NR	Calcium Carbonate (CaCO ₃) - 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 H ₂ SO ₄ (BSES)
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