Projec	t Code:	TBL TBL Site ID: CSIRO Division of Soils (Q	B825 LD)	Observatio	n ID:	1		
	formation							
Easting	esc.: 20, ef.: Sh ng/Long.: 15 g/Lat.: -27	Slater /02/87 eet No. : 9043 1:100000 0.55 /.333333333333333	Locality: Elevation: Rainfall: Runoff: Drainage:	No Data 0 Very slow Poorly dra				
Geol. F	ureType: Au Ref.:	ger boring Qs	Conf. Sub. is F Substrate Mate		No Dat No Dat			
<u>Land I</u> Rel/Slo		ently undulating plains <9m 1- %	Pattern Type:	Plain				
Morph. Elem. 1 Slope:	Type: Pe		Relief: Slope Categor Aspect:	Slope Category: Very gently sloped				
<u>Surfac</u>	ce Soil Cond	ition (dry): Self-mulching, C	racking					
Erosic								
	lassification	10				N1/A		
	lian Soil Class	afication: ersodic Self-Mulching Black Ver		apping Unit: incipal Profile	Form:	N/A Ug5.15		
•	confidence:			eat Soil Group		Brown clay		
	, ,	al data are available.		-		-		
		No effective disturbance other t	than grazing by h	oofed animals				
Vegeta	ation:	Tall Strata - Tree, 12.01-20m, I	Mid-dense. *Spec	cies includes - C	Casuarin	a cristata. Acacia harpophylla		
<u>Surfac</u>	e Coarse Fr	agments: 0-2%, medium grav	•					
Profile	Morpholog	V						
A11	0 - 0.04 m	clay; Strong grade of struc	Very dark greyish brown (10YR3/2-Moist); Dark greyish brown (10YR4/2-Dry); ; Medium heavy clay; Strong grade of structure, <2 mm, Granular; Dry; Weak consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Substrate material, coarse fragments; Field pH 6 (pH meter); Abrupt change to -					
A12	0.04 - 0.1 m	10 mm, Angular blocky; Dry	Very dark greyish brown (10YR3/2-Moist); ; Medium heavy clay; Strong grade of structure, 5- 10 mm, Angular blocky; Dry; Very firm consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Substrate material, coarse fragments; Clear change to -					
B21	0.1 - 0.2 m	Angular blocky; Moderate g Dry; Strong consistence; 0-	Very dark brown (10YR2/2-Moist); ; Heavy clay; Moderate grade of structure, 50-100 mm, Angular blocky; Moderate grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Substrate material, coarse fragments; Gradual change to -					
B22	0.2 - 0.3 m	0.3 m Very dark greyish brown (10YR3/2-Moist); ; Heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Substrate material, coarse fragments; Field pH 6.4 (pH meter); Gradual change to -						
B23	0.3 - 0.41 m	Dark brown (7.5YR3/2-Moist); ; Heavy clay; Moderate grade of structure, 20-50 mm, Lenticular; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Substrate material, coarse fragments; Gradual change to -						
B24	0.41 - 0.6 m	Heavy clay; Moderate grad consistence; 0-2%, fine gra	Dark brown (7.5YR3/3-Moist); , 10YR32, 10-20% , 15-30mm, Faint; , 10-20% , 15-30mm, Faint; Heavy clay; Moderate grade of structure, 20-50 mm, Lenticular; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Substrate material, coarse fragments; Field pH 4.5 (pH meter); Gradual change to -					
B25	0.6 - 0.9 m	Dark brown (7.5YR3/3-Mois Smooth-ped fabric; Dry; Str Substrate material, coarse	ong consistence;	; 0-2%, fine gra	velly, 2-0			
B26	0.9 - 1.2 m	Brown (7.5YR4/3-Moist); ; ł Smooth-ped fabric; Dry; Str Substrate material, coarse	ong consistence;	; 0-2%, fine gra	velly, 2-	6mm, subrounded,		

Project Name: Project Code: Agency Name:	TBL TBL Site ID: B825 Observation ID: 1 CSIRO Division of Soils (QLD)
B27 1.2 - 1.5 m	Brown (7.5YR4/3-Moist); ; Heavy clay; Moderate grade of structure, 20-50 mm, Lenticular; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Substrate material, coarse fragments; Field pH 4 (pH meter); Gradual change to -
B28 1.5 - 1.8 m	Brown (7.5YR4/3-Moist); ; Heavy clay; Moderate grade of structure, 20-50 mm, Lenticular; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Substrate material, coarse fragments; Field pH 4 (pH meter);
Morphological N Observation Not	

LAYERS RE NUMBERED 12/10/92 Site Notes

TARA

Project Name:	TBL		
Project Code:	TBL	Site ID:	B825
Agency Name:	CSIRO Div	vision of Soils (C	QLD)

Observation ID: 1

Laboratory Test Results:

Depth	рН	1:5 EC	Exc	changeable	Cations		Exchangeable	CEC		ECEC	:	ESP
			a	Mg	ĸ	Na	Acidity					
m		dS/m				Cmol (+)/kg					%
	0 711	0.0445	10.01/				40.50					
0 - 0.04	6.7H	0.014B	12.6K	9.9	1.2	0.8	12.5D					
0.04 - 0.1	7.3H	0.028B	15.9K	11.2	1	1.8	7.9D					
0.1 - 0.2	8.4H	0.11B	14.9K	12.3	0.8	3.7	5.5D					
0.2 - 0.3	8.3H	1.17B	11.9K	12.6	0.5	4.7	6.2D					
0.41 - 0.6	6H	0.26B	9.3K	13.3	0.4	6.1	7.9D					
0.6 - 0.9	4.9H	0.35B	7.1K	12.6	0.3	6.3	8.3D					
0.9 - 1.2												
1.2 - 1.5	4.6H	0.35B	5K	11.4	0.2	6.3	12.2D					
1.5 - 1.8	4.3H	0.38B	3.8K	12.2	0.2	6.7	12.5D					
D	0.000	•		-	T ()	-				o :		• .
Depth	CaCO3	Organic	Avail.	Total	Total	Tota			ticle		Analysi	
		С	Р	Р	N	K	Density	GV	CS	FS	Silt	Clay

m	%	%	mg/kg	%	%	%	Mg/m3	•••		%	•	. ,
0 - 0.04		1.38A	65B	0.035F	0.152B	0.32B			8C	30	13	44
0.04 - 0.1		1.78A	23B	0.018F	0.116B	0.28B			8C	29	13	46
0.1 - 0.2	0.19C	0.47A	7B	0.01F	0.068B	0.25B			8C	28	12	48
0.2 - 0.3	0.17C	0.45A	4B	0.011F	0.066B	0.24B			8C	28	12	48
0.41 - 0.6				0.01F	0.063B	0.21B			8C	30	12	50
0.6 - 0.9				0.008F	0.055B	0.2B			7C	28	13	48
0.9 - 1.2				0.008F		0.19B			8C	30	12	48
1.2 - 1.5					0.055B							
1.5 - 1.8				0.008F	0.047B	0.19B			6C	26	14	53
Depth	COLE	0-4		metric/Volun			-	.	K sat	: 1	K unsat	:
m		Sat.	0.05 Bar	0.1 Bar 0. g/g -	5 Bar 1 m3/m3	Bar 5	Bar 15	Bar	mm/h	ı	mm/h	

 $\begin{array}{c} 0 - 0.04 \\ 0.04 - 0.1 \\ 0.1 - 0.2 \\ 0.2 - 0.3 \\ 0.41 - 0.6 \\ 0.6 - 0.9 \\ 0.9 - 1.2 \\ 1.2 - 1.5 \\ 1.5 - 1.8 \end{array}$

Project Name:	TBL		
Project Code:	TBL	Site ID:	B825
Agency Name:	CSIRO D	ivision of Soils (C	QLD)

Laboratory Analyses Completed for this profile

15_NR_CA	Total element - S(%) - Not recorded
15_NR_H	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Hydrogen Cation - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
17A_NR	Total element - K(%) - 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 recordede
6A1	Organic carbon - Walkley and Black
7_NR	Total element - P(%) - Not recorded
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H2SO4 (BSES)
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Fine sand (%) - Not recorded
P10_NR_FS	Silt (%) - Not recorded
P10_NR_Z	SIIT (%) - INOT RECORDED

Observation ID: 1