Projec	ct Name: ct Code: cy Name:	Со	oloola oloola IRO Division	Site ID: of Soils (Q	B873 LD)	0	bservatio	on ID:	1		
Site Information											
Desc. By: C.H. Thompson			Locality:		strip.		airfield, side of drain just SW of main				
Easting	ef.: ng/Long.: g/Lat.:	13/11/75 Sheet No. : 9052-IV 1:50000 150.6497921 -22.74294135		Elevation: Rainfall: Runoff: Drainage:		30 metres 1200 No Data Poorly drained					
<u>Geolo</u> Exposi Geol. F	ureType:	Type: No Data						No Dat No Dat			
Rel/Slo Morph. Elem. 1 Slope:	Land FormRel/Slope Class:No DataMorph. Type:No DataElem. Type:PlainSlope:%			Pattern Typ Relief: Slope Cate Aspect:		No Data 1 metres No Data No Data					
-	ce Soil Co	nditio	<u>on (dry):</u>								
Erosic Soil C	on: Iassificatio	on									
Austral Podos	l <b>ian Soil Cla</b> ol	assifi	cation:		Mapping Unit: Principal Profile Form:			N/A Uc2.20			
	confidence: ence level n		ecified			Great	Soil Group	<b>)</b> :	Humus podzol		
	isturbance	<u>e:</u>									
Vegeta	ation:		ow Strata - , , . * lid Strata - , 3.01						oea species, Paspalidium species		
			-								
Tall Strata - , , . *Species includes - Melaleuca viridiflora Surface Coarse Fragments:											
<u>Profile</u> A11	Profile Morphology           A11         0 - 0.02 m           Light grey (10YR7/1-Moist); , 10YR51; Fine sandy loam; Single grain grade of structure; Massive grade of structure; Firm consistence;								in grade of structure;		
A12	0.02 - 0.1	m	Very dark grey (10YR3/1-Moist); ; Fine sandy loam; Single grain grade of structure; Massive grade of structure; Firm consistence; Few					ade of structure; Massive			
A12	0.1 - 0.15	m	Very dark grey (10YR3/1-Moist); ; Fine sand grade of structure; Firm consistence;			andy loa	am; Single grain grade of structure; Massive				
A13	0.15 - 0.2	m	Dark grey (10YR4/1-Moist); Grey (10YR5/1-Moist); ; Fine sandy loam; Single grain grade of structure; Massive grade of structure; Firm consistence;				m; Single grain grade of				
A3	0.2 - 0.3 n	n	Light grey (10YR7/2-Moist); , 10YR62; Fine sand; Single grain grade of structure; Massive grade of structure; Firm consistence;								
A3	0.3 - 0.38	m	Light grey (10YR7/2-Moist); , 10YR62;								
B21	0.38 - 0.4	<ul> <li>- 0.43 m Very dark brown (10YR2/2-Moist); ; Fine sand; Single grain grade of structure; Massive grade of structure; Firm consistence;</li> </ul>									
B21	0.38 - 0.4	3 m	Very dark brown (10YR2/2-Moist); ; Fine sand; Single grain grade of structure; Massive grade of structure; Strong consistence;								
D?	0.43 - 0.6	m	Yellowish brown (10YR5/4-Moist); , 10YR22; Clay loam, fine sandy; Single grain grade of structure; Massive grade of structure; Very strong consistence;								
D? 0.6 - 0.9 m Yellowish brown (10YR5/6-Moist); Brownish yellow (10YR6/6-Moist); , 2.5Y71; Fine sandy clay loam; Single grain grade of structure; Massive grade of structure; Strong consistence;											
<u>Morph</u> A11 A12 A3 A3	<u>nological N</u>	Notes	Possibly spoil f Few roots. Full bleach dry Some b root lir	<i>.</i>	ain-washed.						

Project Name:	Cooloola			
Project Code:	Cooloola	Site ID:	B873	Observation ID:
Agency Name:	CSIRO Divisio	n of Soils (C	QLD)	

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D? D? VDB org stain from B21 down cracks and root channels. Tr ww paleozoic metamorphic G.

<u>Observation Notes</u> Parent material: Local alluvium. Landform: Gently sloping coastal plain. Veg: Woodland.

Site Notes

Project Name:	Cooloola				
Project Code:	Cooloola	Site ID:	B873	Observation ID:	1
Agency Name:	CSIRO Division	of Soils (C	(LD)		

## Laboratory Test Results:

Depth	рН	1:5 EC	Exc	changeable	Cations K	E: Na	kchangeable	CEC		ECEC		ESP
m		dS/m	Ca	Mg	n	Cmol (+)/	Acidity kg					%
0 - 0.02 0.02 - 0.1 0.1 - 0.15	5.5H 5.4H	<0.02E 0.02B										
0.1 - 0.13 0.15 - 0.2 0.2 - 0.3 0.3 - 0.38	4.7H 5H	0.08B 0.08B										
0.38 - 0.43 0.43 - 0.6 0.6 - 0.9	5H 5.2H 5H	0.48B 0.73B 1.48B										
Depth	CaCO3 %	Organic C %	Avail. P	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Pa GV	rticle CS	Size FS %	Analysi Silt	s Clay
m 0 - 0.02 0.02 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.3	70	70	mg/kg	70	70	70	муллэ		791	70	17	2
0.3 - 0.38 0.38 - 0.43 0.43 - 0.6									741		20	3
0.6 - 0.9									681		23	9
Depth m	COLE	Sat.	Gra 0.05 Bar	vimetric/Vo 0.1 Bar g/g	lumetric W 0.5 Bar g - m3/m3	1 Bar	ents 5 Bar 15⊺	Bar	K s mm		K unsa mm/h	
0 - 0.02 0.02 - 0.1 0.1 - 0.15												

 $\begin{array}{c} 0.02 - 0.1 \\ 0.1 - 0.15 \\ 0.15 - 0.2 \\ 0.2 - 0.3 \\ 0.3 - 0.38 \\ 0.38 - 0.43 \\ 0.43 - 0.6 \\ 0.6 - 0.9 \end{array}$ 

## Project Name:CooloolaProject Code:CooloolaSite ID:B873Agency Name:CSIRO Division of Soils (QLD)

## Laboratory Analyses Completed for this profile

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
P10_NR_C	Clay (%) - Not recorded
P10_NR_S	Sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded

## Observation ID: 1