Project Name:	Preliminary Ass	essment a	nd Survey	of Land Degradation in	n the Dalrypmle Shire, QLD
Project Code:	DLR	Site ID:	942	Observation ID:	1
Agency Name:	QLD Departmer	t of Prima	ry Industrie	es	

Site	Information	

	Iomation	-										
Desc. E		Barry,			Locality:							
Date D		31/08/92			Elevation: 380 metr							
Map Re		Sheet No.: 8057 GPS			Rainfall:	No Data						
		7743223 AMG zone: 55			Runoff:	Runoff: Moderately rapid						
Easting	g/Lat.:	353688 Datum: AGD66			Drainage:	Imperfect	ly draine	ed				
Geolo	gy											
Exposu	ureType:	No Da	ita		Conf. Sub.	is Pare	nt. Mat.:	No Dat	а			
Geol. R		No Data			Substrate M	Material	:	Undistu	urbed soil core, No Da	ata		
Land I	Form								· · · · · · · · · · · · · · · · · · ·			
		Carath	منقصان باستثنا	andaina Ora 1	Dattana Tu		Diain					
Rei/510	pe Class:	,	/ undulatin	g plains <9m 1-	Pattern Typ	pe:	Plain					
	<b>T</b>	3%			Deller							
Morph.		Crest			Relief: No Data Slope Category: Very gently slo							
Elem. 1	гуре:	Hillcre	est		•	egory:		tly slope	a			
Slope:		3 %			Aspect:	Aspect: No Data						
<u>Surfac</u>	Surface Soil Condition (dry): Hardsetting											
Erosio	on:											
	lassificati	ion										
Austral	lian Soil Cl	lassific	ation:			Mappi	ng Unit:		N/A			
				l Medium Non-gra	velly	Princip	oal Profile	Form:	Gn2.22			
Clay-loa	amy Clayey	/ Moder	ately deep	1								
ASC C	onfidence	:				Great	Soil Group	):	Yellow earth			
No ana	alytical data	are ava	ailable but	confidence is fair.								
Site D	isturbanc	e: No	effective d	isturbance other t	han grazing b	ov hoofe	d animals					
Vegeta						-		dos - Bo	hthriochloa species, A	ristida spacias		
Chrysop		LOV	N Strata -	10550CK 91855, 0.2	20-0.5m, Spa	use. Sp		ues - Du	Allinochida species, A	nstiua species,		
Chrysopo	ogon	fal	llay Mid Str	rata Trop 1.01.3	m Sharea *9	Spacias	includos	Fucalva	tus crebra, Eucalyptu	s on throphloid		
Grovilloa	species	Iai		ala - 11ee, 1.01-5	iii, Spaise.	opecies	Includes -	Lucalyp	ius ciebia, Lucalypiu	s eryunophiola,		
Orevined	opeoleo											
		Tal	Strata - T		arse *Sneci	es inclu	des - Fura	lyntus cr	ebra, Eucalyptus brov	wnii Eucalyntus		
species		iai	i Silala - I	1ee, 0.01-1211, Op	alse. Opeci			iypius ci	ebia, Eucalyptus bio	Mill, Eucalyptus		
	o Coarso	Eraan	nonte: N	o ourfood opprod	frogmonto							
Surrac	e coarse	Flagi	nems. N	o surface coarse	llagments							
Profile	Morphol	logy										
A11	0 - 0.1 m		Very dark	greyish brown (10	)YR3/2-Moist	t); ; Sano	dy clay loai	m; Mass	ive grade of structure	;		
									ous, , ; Field pH 6			
			(Raupach	, 0.05); Clear chai	nge to -							
					- 				<b>. .</b> .			
A12	0.1 - 0.22								e of structure; Earthy			
					tence; , Calca	areous,	, ; , Gypse	ous, , ; F	ield pH 6.5 (Raupach	۱,		
			0.15); Gra	dual change to -								
B1	0.22 - 0.3	88 m	Vellowish	brown (10VR5/4-	Moist)···Fine	sandvo	lav loam. I	Massiva	grade of structure; Ea	arthy		
ы	0.22 - 0.5			· ·	,				d pH 6.5 (Raupach, 0			
				hange to -	ice, , Calcare	50u3, , ,	, Oypseou	3, , , 1 101	u pri 0.5 (Naupach, t			
B21c	0.38 - 0.5	55 m	Brownish	yellow (10YR6/6-I	Moist); ; Sand	dy light c	lay; Weak	grade of	f structure, 10-20 mm	1,		
Angular blocky; Earthy fabric; Dry; Strong consistence; Very few (0 - 2 %), Manganiferous,												
			Medium (2	2 -6 mm), Nodules	; , Calcareou	us,,;,G	ypseous, ,	; Field p	H 6.5 (Raupach, 0.5	5);		
M '		Nat										
worph	ological I	NOTES										
<u>Obser</u>	vation No	otes										

Site Notes

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## Laboratory Test Results:

Depth	рН	1:5 EC		angeable	Cations K		changeable	CEC		ECEC		ESP
m		dS/m	Ca M	y	ĸ	K Na Acidity Cmol (+)/kg						%
0 - 0.1 0.22 - 0.38 0.38 - 0.55	6.4A 6.2A 6.6A											
Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk		rticle		Analysi	
m	%	C %	P mg/kg	P %	N %	K %	Density Mg/m3	GV	CS	FS %	Silt	Clay
0 - 0.1 0.22 - 0.38 0.38 - 0.55												
Depth	COLE	_	Gravimetric/Volumetric Water Contents K sat K unsat								at	
m		Sat.	0.05 Bar		0.5 Bar J - m3/m3	1 Bar 3	5 Bar 15	Bar	mm	ı/h	mm/h	1
0 - 0.1 0.22 - 0.38												

0.22 - 0.38

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## Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension