Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD DLR Site ID: 1079 Observation ID: 1 QLD Department of Primary Industries Project Name: Project Code: Agency Name:

Agency Name.	QLD	De
Site Information		

Desc. By:	<u> </u>						
	Rogers, Gary	Locality:					
Date Desc.:	24/04/92	Elevation:	240 metres				
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data				
Northing/Long.:	7713320 AMG zone: 55	Runoff:	No Data				
Easting/Lat.:	434613 Datum: AGD66	Drainage:	No Data				
Geology		•					
	No Doto	Conf Sub is Dow	mt Mat . N	Data			
ExposureType:	No Data	Conf. Sub. is Pare		Data			
Geol. Ref.:	No Data	Substrate Materia	I: NO	Data			
Land Form							
Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain				
Morph. Type:	Flat	Relief:	No Data				
Elem. Type:	Plain	Slope Category:	Level				
Slope:	1 %	Aspect:	No Data				
Surface Soil Co	ndition (dry): Cracking, Sel	lf-mulching					
Erosion:							
Soil Classificat	ion						
Australian Soil C	lassification:	Mann	ing Unit:	N/A			
		••	•				
	f-Mulching Black Vertosol Non-g	ravelly Princ	pal Profile Fo	rm: Ug5.16			
Very fine Very fine	, ,						
ASC Confidence	:	Great	Soil Group:	Black earth			
No analytical data	are available but confidence is t	fair.					
Site Disturband	e: Limited clearing, for example	e selective logging					
	. .	00 0	aadaa indudaa	Fulclic curee (av fulve) Arietide			
Vegetation:	u		pecies includes	s - Eulalia aurea (ex fulva), Aristida	a species		
	Mid Strata - , , . *Species ind						
	Tall Strata - , , . *Species ind	cludes - None Recorded	ł				
Surface Coarse	Surface Coarse Fragments: No surface coarse fragments						
		rse fragments					
Profile Morpho		rse fragments					
	n Dark grey (10YR4/1-Moi	ist); ; Light medium clay		of structure, 2-5 mm, Polyhedral; H 8 (Raupach, 0.05): Clear			
Profile Morpho	n Dark grey (10YR4/1-Moi Dry; Weak consistence;	ist); ; Light medium clay		of structure, 2-5 mm, Polyhedral; H 8 (Raupach, 0.05); Clear			
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Profile Morpho A1 0 - 0.05	n Dark grey (10YR4/1-Moi Dry; Weak consistence; change to - 4 m Very dark grey (10YR3/ ⁷ blocky; Smooth-ped fabr	ist); ; Light medium clay , Calcareous, , ; , Gyps 1-Moist); ; Heavy clay; S ric; Dry; Strong consiste	eous, , ; Field p Strong grade of nce; Few (2 - 1	H 8 (Raupach, 0.05); Clear structure, 20-50 mm, Subangular 0 %), Calcareous, Fine (0 - 2			
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Laboratory Test Results:

Depth	рН	1:5 EC		angeable (kchangeable	CEC	ECE	C ESP
m		dS/m	Ca M	g	к	Na Cmol (+)/	Acidity kg			%
0 - 0.05 0.05 - 0.4 0.4 - 0.95 0.95 - 1.4 1.4 - 2	7.2A 8.3A 8.2A 7.7A 7.5A									
Depth	CaCO3	Organic	Avail. P	Total P	Total	Total K	Bulk	Partic GV C		Analysis
m	%	C %	P mg/kg	P %	N %	ĸ %	Density Mg/m3	GV C	SFS %	Silt Clay
0 - 0.05 0.05 - 0.4 0.4 - 0.95 0.95 - 1.4 1.4 - 2										
Depth	COLE		Gravir	netric/Vol	umetric W	ater Conte	ents		K sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar - m3/m3	1 Bar	5 Bar 15	Bar	nm/h	mm/h
0 - 0.05 0.05 - 0.4 0.4 - 0.95 0.95 - 1.4 1.4 - 2										

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension