Agenc	ct Code: cy Name:	DLR Site ID: QLD Department of Prim		bservatio	n id:	•			
	formation								
Desc. E		M.G. Cannon	Locality:	OFO mote					
Date De Map Re		05/03/92 Sheet No. : 8256 GPS	Elevation: Rainfall:	250 metre No Data					
		7682106 AMG zone: 55	Runoff:	Slow					
Easting		462025 Datum: AGD66	Drainage:	Imperfect	ly draine	ed			
Geolo	gy		-		-				
Exposi Geol. F	ureType: Ref.:	No Data Tu	Substrate Material: Und			Data disturbed soil core, 0.9 m pp,Sandstone			
Land I									
	ppe Class:	Level plain <9m <1%	Pattern Type:	Alluvial p	ain				
Morph.		Flat	Relief:	No Data					
Elem. 7 Slope:		Plain <1 %	Slope Category: Aspect:	Level No Data					
•		ndition (dry):		No Dala					
	<u>on:</u> 4 m5 i	-							
	lassificati								
		assification:	••	ng Unit:	_	N/A			
		atric Yellow Sodosol Thick Mode	rately Princi	pal Profile	Form:	Dy2.43			
• •		yey Moderately deep	0	0		Caladia anil			
	confidence:	vtical data are available.	Great	Soil Group	):	Solodic soil			
		<i>,</i>	withon arozing by boof	d onimolo					
		e: No effective disturbance othe							
Vegeta Chrysop		Low Strata - Tussock grass,	0.26-0.5m, Sparse. *Sp	pecies inclu	des - Bo	othriochloa species, Aristida species			
in ysop	ogon	fallaxMid Strata - , , . *Spec	ies includes - None rec	orded					
	<u>ce Coarse</u> e Morphol	Tall Strata - Tree, 6.01-12m, Fragments: 20-50%, coarse	•						
A1j	0 - 0.05 m	Brown (10YR4/3-Moist);	Calcareous, , ; , Gypse			ucture; Earthy fabric; Dry; (Raupach, 0.02); Common,			
A21j	0.05 - 0.2	m Dark yellowish brown (10 fabric; Dry; Very weak cc Quartz, coarse fragments Common, medium (2-5m	onsistence; 2-10%, fine s; , Calcareous, , ; , Gy	gravelly, 2- oseous, , ; F	6mm, sı	ubrounded, dispersed,			
A22e	0.2 - 0.36	m Yellowish brown (10YR5. fabric; Dry; Very weak co Quartz, coarse fragments Common, medium (2-5m	onsistence; 2-10%, fine s; , Calcareous, , ; , Gy	gravelly, 2- oseous, , ; F	6mm, sı	ubrounded, dispersed,			
B1	0.36 - 0.5	blocky; Moderate grade o consistence; 2-10%, fine	of structure, 2-5 mm, Ai gravelly, 2-6mm, subro	ngular block ounded, dis	y; Earth bersed,	ructure, 5-10mm, Angular y fabric; Dry; Firm Quartz, coarse fragments; , ine (1-2mm) roots; Gradual			
B21	0.52 - 0.8	blocky; Moderate grade o consistence; 10-20%, mo fragments; Few (2 - 10 %	Olive yellow (2.5Y6/6-Moist); ; Medium clay; Moderate grade of structure, 5-10 mm, Angular blocky; Moderate grade of structure, 2-5 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 10-20%, medium gravelly, 6-20mm, subrounded, dispersed, Quartzite, coarse fragments; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 9.5 (Raupach, 0.7); Few, very fine (0-1mm) roots; Clear change to -						
B22	0.82 - 0.8	6 m Olive yellow (2.5Y6/6-Mo Medium clay; Moderate g							

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:T562Observation ID:1Agency Name:QLD Department of Primary Industries

Observation Notes DLR1064; B HORIZON SLIGHTLY DISPERSIVE. THTRI ; Site Notes

Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD DLR Site ID: T562 Observation ID: 1 Project Name: Project Code: Agency Name: DLR Site ID: T562 QLD Department of Primary Industries

## Laboratory Test Results:

Depth	рН	1:5 EC		•	le Cations		Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	К	Na Cmol	Acidity (+)/kg			%
0 - 0.05	5.93A	0.01A	2.3B	0.7	0.47	0.08		6.71		1.19
0.05 - 0.2	6.34A	0.02A	1.73J 1.8J	0.81 1.21	0.12 0.1	0.12 0.08		8.11		1.79 0.99
0.2 - 0.36	7.19A	0.02A	1.00	1.21	0.1	0.00		0.11		0.00
0.36 - 0.52	8.66A	0.11A	4B	5.7	0.38	2.4				
0.52 - 0.82	9.26A	0.26A	4.28J	4.74	0.1	1.39		11.4D		12.19
								14.4I		9.65

Depth m	CaCO3 %	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Pa GV	article CS	Size FS %	Analysi Silt	s Clay
0 - 0.05 0.05 - 0.2 0.2 - 0.36 0.36 - 0.52	0.1A	1B 0.6B		0.023A	0.04A	0.564A			34A	37	11	18
0.52 - 0.82		0.1B							19A	21	9	51
Depth	COLE	Sat.			).5 Bar 1		-	Bar	K s		K unsa	-
m				g/g -	- m3/m3				mm	/h	mm/h	

0 - 0.05 0.05 - 0.2 0.2 - 0.36 0.36 - 0.52 0.52 - 0.82

## Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:T562Observation ID:1Agency Name:QLD Department of Primary Industries

## Laboratory Analyses Completed for this profile

10A1 10B 12A1_CU 12A1_FE 12A1_MN 12A1_ZN 15A2_CA	Total sulfur - X-ray fluorescence Extractable sulfur(mg/kg) - Phosphate extractable sulfur DTPA - extractable copper, zinc, manganese and iron DTPA - extractable copper, zinc, manganese and iron DTPA - extractable copper, zinc, manganese and iron DTPA - extractable copper, zinc, manganese and iron Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_K 15A2_MG 15A2_NA 15D2_CEC 15F1_CA 15F1_K 15F1_MG 15F1_NA 15F3 15N1 17A1 19A1 3A1 4A1 5A1 6B2 7A2 9A1 P10_CF_C P10_CF_CS P10_CF_S	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts CEC - 1M ammonium acetate at pH 7.0, pretreatment for soluble salts; automatic extractor Exchangeable bases by 0.01M silver-thiourea (AgTU)+, no pretreatment for soluble salts Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts CEC by 0.01M silver-thiourea (AgTU)+ Exchangeable sodium percentage (ESP) Total potassium - X-ray fluorescence Carbonates - rapid titration EC of 1:5 soil/water extract pH of 1:5 soil/water extract, potentiometric titration Total organic carbon - high frequency induction furnace, volumetric Total nitrogen - semimicro Kjeldahl , automated colour Total phosphorus - X-ray fluorescence Clay (%) - Coventry and Fett pipette method Coarse sand (%) - Coventry and Fett pipette method Fine sand (%) - Coventry and Fett pipette method
P10_CF_Z	Silt (%) - Coventry and Fett pipette method