Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD DLR Site ID: 703 Observation ID: 1 Project Name: Project Code: Agency Name: DLR Site ID: 703 QLD Department of Primary Industries

Easting	esc.: ef.: ng/Long.: g/Lat.:	M.G. Cannon 01/08/91 Sheet No. : 8158 GPS 7827356 AMG zone: 55 448599 Datum: AGD66	eet No. : 8158GPSRainfall:No Data27356 AMG zone: 55Runoff:Very slow		well drained			
Geolo Exposi Geol. F	ureType:	No Data No Data	Conf. Sub. is Pare Substrate Materia		ta urbed soil core, Dolerite			
Land Rel/Slo Morph Elem. Slope:	ope Class: . Type: Type:	No Data No Data No Data 2 %	Pattern Type: Relief: Slope Category: Aspect:	No Data No Data No Data 90 degrees	lo Data lo Data			
<u>Surfac</u>	ce Soil Cor	ndition (dry): Hardsetting	g, Surface crust					
Erosic								
	lassificatio				N1/A			
		assification: Vertosol Non-gravelly Mediu		ng Unit: pal Profile Form:	N/A Gn3.43			
	oderately dee							
	Confidence:	ara available but confidence		Soil Group:	Black earth			
	•	are available but confidence		ed animals				
Veget			and that grazing by noore	a uninnuis				
	ation:	Low Strata - Tussock gras	ss. 0.51-1m. Closed or der	nse. *Species inclu	des - Bothriochloa species. Heteropogo			
contortu		_			des - Bothriochloa species, Heteropogo			
		Low Strata - Tussock gras Sporobolus species	ss, 0.51-1m, Closed or der Mid Strata - , , . *Species					
		Sporobolus species	Mid Strata - , , . *Species	includes - None r				
	S,	Sporobolus species Tall Strata - Tree, 6.01-12	Mid Strata - , , . *Species	includes - None r	ecorded			
contortu: Eucalypt	s, tus	Sporobolus species Tall Strata - Tree, 6.01-12 erythrophloia	Mid Strata - , , . *Species	includes - None r	ecorded			
contortus Eucalypt <u>Surfac</u>	s, tus <u>ce Coarse</u>	Sporobolus species Tall Strata - Tree, 6.01-12 erythrophloia Fragments: No surface co	Mid Strata - , , . *Species	includes - None r	ecorded			
contortus Eucalypt <u>Surfac</u>	s, tus	Sporobolus species Tall Strata - Tree, 6.01-12 erythrophloia <u>Fragments:</u> No surface co <u>pgy</u> Very dark grey (10YR	Mid Strata - , , . *Species 2m, Isolated plants. *Species barse fragments 3/1-Moist); ; Clay Ioam (Hensistence; , Calcareous, , ;	includes - None r es includes - Euca eavy); Massive gra	ecorded			
Eucalypt Surfac Profile	s, tus <u>ce Coarse</u> e Morpholo	Sporobolus species Tall Strata - Tree, 6.01-12 erythrophloia Fragments: No surface co Ogy Very dark grey (10YR fabric; Dry; Strong cor Clear, Smooth change 2 m Dark brown (10YR3/3	Mid Strata - , , . *Species 2m, Isolated plants. *Species parse fragments 3/1-Moist); ; Clay loam (Hensistence; , Calcareous, , ; e to - -Moist); ; Light medium cla mooth-ped fabric; Dry; Stro	a includes - None r es includes - Euca eavy); Massive gra , Gypseous, , ; Fig y; Moderate grade	ecorded lyptus papuana, Eucalyptus crebra, de of structure; Smooth-ped eld pH 6.5 (Raupach, 0.05);			
Eucalypt Surfac Profile A1	s, tus <u>ce Coarse</u> <u>e Morpholo</u> 0 - 0.05 m	Sporobolus species Tall Strata - Tree, 6.01-12 erythrophloia Fragments: No surface co ogy Very dark grey (10YR fabric; Dry; Strong cor Clear, Smooth change 2 m Dark brown (10YR3/3 Subangular blocky; Sr ; Clear, Smooth change m Very dark greyish brow mm, Subangular block	Mid Strata - , , . *Species 2m, Isolated plants. *Species 2arse fragments 3/1-Moist); ; Clay Ioam (He hisistence; , Calcareous, , ; e to - -Moist); ; Light medium cla mooth-ped fabric; Dry; Stro ge to - wn (10YR3/2-Moist); ; Hea ky; Smooth-ped fabric; Moor r walls coated, distinct; , C	a includes - None r es includes - Euca eavy); Massive gra , Gypseous, , ; Fi y; Moderate grade ong consistence; , vy clay; Moderate derately moist; Str	ecorded lyptus papuana, Eucalyptus crebra, de of structure; Smooth-ped eld pH 6.5 (Raupach, 0.05); e of structure, 20-50 mm, Calcareous, , ; , Gypseous, , grade of structure, 50-100 ong consistence; Few cutans,			
Eucalypt Surfac Profile A1 B21	s, tus <u>ce Coarse</u> <u>e Morpholo</u> 0 - 0.05 m 0.05 - 0.12	Sporobolus species Tall Strata - Tree, 6.01-12 erythrophloia Fragments: No surface co Ogy Very dark grey (10YR fabric; Dry; Strong cor Clear, Smooth change 2 m Dark brown (10YR3/3 Subangular blocky; Sr ; Clear, Smooth change m Very dark greyish brow mm, Subangular block <10% of ped faces o (Raupach, 0.3); Clear, n Brown (10YR4/3-Mois blocky; Smooth-ped fa	Mid Strata - , , . *Species 2m, Isolated plants. *Species barse fragments 3/1-Moist); ; Clay loam (He hsistence; , Calcareous, , ; e to - -Moist); ; Light medium cla mooth-ped fabric; Dry; Stro ge to - wn (10YR3/2-Moist); ; Hea cy; Smooth-ped fabric; Mor r walls coated, distinct; , C , Smooth change to - et); ; Heavy clay; Moderate abric; Moderately moist; St distinct; , Calcareous, , ; ,	a includes - None r es includes - Euca eavy); Massive gra , Gypseous, , ; Fie y; Moderate grade ong consistence; , vy clay; Moderate derately moist; Str alcareous, , ; , Gyj grade of structure rong consistence;	ecorded lyptus papuana, Eucalyptus crebra, de of structure; Smooth-ped eld pH 6.5 (Raupach, 0.05); of structure, 20-50 mm, Calcareous, , ; , Gypseous, , grade of structure, 50-100 ong consistence; Few cutans, oseous, , ; Field pH 7 , 50-100 mm, Subangular Few cutans, <10% of ped			
Eucalypt Surfac Profile A1 B21 B22	s, tus <u>ce Coarse</u> <u>e Morpholo</u> 0 - 0.05 m 0.05 - 0.12 0.12 - 0.4	Sporobolus species Tall Strata - Tree, 6.01-12 erythrophloia Fragments: No surface co Dgy Very dark grey (10YR fabric; Dry; Strong cor Clear, Smooth change 2 m Dark brown (10YR3/3 Subangular blocky; Sr ; Clear, Smooth change m Very dark greyish brow mm, Subangular block <10% of ped faces o (Raupach, 0.3); Clear, h Brown (10YR4/3-Mois blocky; Smooth-ped fa faces or walls coated, Sharp, Smooth change	Mid Strata - , , . *Species 2m, Isolated plants. *Species barse fragments 3/1-Moist); ; Clay loam (He hsistence; , Calcareous, , ; e to - -Moist); ; Light medium cla mooth-ped fabric; Dry; Stro ge to - wn (10YR3/2-Moist); ; Hea cy; Smooth-ped fabric; Mor r walls coated, distinct; , C , Smooth change to - et); ; Heavy clay; Moderate abric; Moderately moist; St distinct; , Calcareous, , ; ,	a includes - None r es includes - Euca eavy); Massive gra , Gypseous, , ; Fie by; Moderate grade ong consistence; , vy clay; Moderate derately moist; Str alcareous, , ; , Gyp grade of structure rong consistence; Gypseous, , ; Fiel	ecorded lyptus papuana, Eucalyptus crebra, de of structure; Smooth-ped eld pH 6.5 (Raupach, 0.05); of structure, 20-50 mm, Calcareous, , ; , Gypseous, , grade of structure, 50-100 ong consistence; Few cutans, oseous, , ; Field pH 7 , 50-100 mm, Subangular Few cutans, <10% of ped			

N **Observation Notes**

Site Notes

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:703Observation ID:1Agency Name:QLD Department of Primary Industries

Laboratory Test Results:

Depth	рН	1:5 EC		nangeable (Ng	Cations K	Exc Na	changeable Acidity	CEC	ECEC	ESP
m		dS/m	Ca r	vig	n	Cmol (+)/k				%
0 - 0.05 0.12 - 0.4 0.4 - 0.6	6.1A 6.5A 7.2A									
Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk			Analysis
m	%	С %	P mg/kg	P %	N %	K %	Density Mg/m3	GV C	SFS %	Silt Clay
0 - 0.05 0.12 - 0.4 0.4 - 0.6										
Depth	COLE					ater Conter			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 0.12 - 0.4 0.4 - 0.6										

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension