Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:1329Observation ID:1Agency Name:QLD Department of Primary Industries

Site informat								
Desc. By:		rs, Gary	Locality:					
Date Desc.:	05/08	/92	Elevation:	No Data				
Map Ref.:	Sheet	No. : 8059 GPS		No Data				
Northing/Long	.: 78986	640 AMG zone: 55 Runoff:			Moderate	ely rapid		
Easting/Lat.:	36494	I5 Datum: AGD66	Drainage:		Imperfect	tly draine	ed	
Geology			U					
		ata	Conf Sub i	ic Doro	of Mot .		2	
ExposureType			Conf. Sub. i			No Dat		
Geol. Ref.:	No Da	ata	Substrate M	laterial		Undist	urbed soil core, No Data	
Land Form								
Rel/Slope Clas	s: Gentl	y undulating rises 9-30m	Pattern Typ	e:	Rises			
	1-3%	, ,						
Morph. Type:		r-slope	Relief:		No Data			
Elem. Type:	Hillslo		Slope Categ	aorv	Gently inclined			
Slope:	5 %	pe	Aspect:	gory.	No Data	cinicu		
•			Aspeci.		NU Dala			
Surface Soil	Conditio	on (dry): Hardsetting						
Erosion:								
	otion							
Soil Classific	ation							
Australian Soi	Classific	cation:		Mappir	ng Unit:		N/A	
		Chromosol Medium Slightly			al Profile	Form [.]	Dr3.12	
Loamy Clayey			graveny	1 111016			510.12	
		y deep		0			Non oplois brown	
ASC Confider				Great	Soil Group) :	Non-calcic brown	
All necessary a	nalytical	data are available.					soil	
Site Disturba	nce: No	effective disturbance other th	han grazing by	y hoofe	d animals			
Vegetation:		w Strata Tussock grass 0.5	1 1m Spored	, , *Shoc	sion include	oc Arict	ida enacios. Bathriachlaa daoinians	
vegetation.	<u>Vegetation:</u> Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Bothriochloa decipiens,							
	Ца							
	He		Strata - , , . *S					
		eteropogon contortus Mid	Strata - , , . *S	Species	includes -	None re	corded	
			Strata - , , . *S	Species	includes -	None re	corded	
Surface Coa	Та	eteropogon contortus Mid	Strata - , , . *S parse. *Specie	Species es incluc	includes - les - Euca	None re lyptus br	corded ownii, Eucalyptus papuana	
	Ta se Frag	eteropogon contortus Mid S Il Strata - Tree, 6.01-12m, Sp	Strata - , , . *S parse. *Specie	Species es incluc	includes - les - Euca	None re lyptus br	corded ownii, Eucalyptus papuana	
Profile Morpl	Ta se Frag nology	eteropogon contortus Mid s Il Strata - Tree, 6.01-12m, Sp <u>ments:</u> 2-10%, medium gra	Strata - , , . *S parse. *Specie welly, 6-20mm	Species es incluc n, angul	includes - les - Euca lar, Quartz	None re lyptus br sandsto	corded ownii, Eucalyptus papuana ne	
	Ta se Frag nology	eteropogon contortus Mid s Il Strata - Tree, 6.01-12m, Sp <u>ments:</u> 2-10%, medium gra Olive brown (2.5Y4/4-Moist)	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loan	Species es incluc n, angul m; Mass	includes - les - Euca lar, Quartz sive grade	None re lyptus br sandsto of struct	corded ownii, Eucalyptus papuana ne ure; Earthy fabric; Dry; Very	
Profile Morpl	Ta se Frag nology	eteropogon contortus Mid s Ill Strata - Tree, 6.01-12m, Sp <u>ments:</u> 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n	Strata - , , . *S parse. *Specie ivelly, 6-20mr ; ; Sandy loan nedium gravel	Species es incluo n, angul m; Mass Illy, 6-20	includes - des - Euca lar, Quartz sive grade)mm, angu	None re lyptus br sandsto of structular, Subs	corded ownii, Eucalyptus papuana ne ure; Earthy fabric; Dry; Very strate material, coarse	
Profile Morpl	Ta se Frag nology	eteropogon contortus Mid s Il Strata - Tree, 6.01-12m, Sp <u>ments:</u> 2-10%, medium gra Olive brown (2.5Y4/4-Moist)	Strata - , , . *S parse. *Specie ivelly, 6-20mr ; ; Sandy loan nedium gravel	Species es incluo n, angul m; Mass Illy, 6-20	includes - des - Euca lar, Quartz sive grade)mm, angu	None re lyptus br sandsto of structular, Subs	corded ownii, Eucalyptus papuana ne ure; Earthy fabric; Dry; Very strate material, coarse	
Profile Morpl A11 0 - 0.0	Ta se Frag hology 9 m	All Strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ;	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, ,	Species es incluc n, angul m; Mass Illy, 6-20 ; Field	includes - des - Euca lar, Quartz sive grade 0mm, angu pH 6 (Rau	None re lyptus br sandsto of structu llar, Subs pach, 0.0	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 55); Clear change to -	
Profile Morpl	Ta se Frag hology 9 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , <i>I</i> loist); ; Sandy	Species es incluc n, angul m; Mass illy, 6-20 ; Field y clay lo	includes - des - Euca lar, Quartz sive grade 0mm, angu pH 6 (Rau pam; Mass	None re lyptus br sandsto of structu lar, Subs pach, 0.0	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric;	
Profile Morpl A11 0 - 0.0	Ta se Frag hology 9 m	All Strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence	Strata - , , . *S parse. *Specie ivelly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , <i>N</i> oist); ; Sandy ; 2-10%, med	Species es incluc n, angul m; Mass illy, 6-20 ; Field y clay lo lium gra	includes - des - Euca lar, Quartz sive grade 0mm, angu pH 6 (Rau pam; Mass velly, 6-20	None re lyptus br sandsto of structu lar, Subs pach, 0.0 ive grade 0mm, ang	corded ownii, Eucalyptus papuana one ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material,	
Profile Morpl A11 0 - 0.0	Ta se Frag hology 9 m	All Strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence	Strata - , , . *S parse. *Specie ivelly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , <i>N</i> oist); ; Sandy ; 2-10%, med	Species es incluc n, angul m; Mass illy, 6-20 ; Field y clay lo lium gra	includes - des - Euca lar, Quartz sive grade 0mm, angu pH 6 (Rau pam; Mass velly, 6-20	None re lyptus br sandsto of structu lar, Subs pach, 0.0 ive grade 0mm, ang	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric;	
Profile Morpl A11 0 - 0.0	Ta se Frag hology 9 m	All Strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence	Strata - , , . *S parse. *Specie ivelly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , <i>N</i> oist); ; Sandy ; 2-10%, med	Species es incluc n, angul m; Mass illy, 6-20 ; Field y clay lo lium gra	includes - des - Euca lar, Quartz sive grade 0mm, angu pH 6 (Rau pam; Mass velly, 6-20	None re lyptus br sandsto of structu lar, Subs pach, 0.0 ive grade 0mm, ang	corded ownii, Eucalyptus papuana one ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material,	
Profile Morph A11 0 - 0.0 A12 0.09 -	Ta se Frag bology 9 m 0.2 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , Moist); ; Sandy ; 2-10%, med ous, , ; , Gyps	Species es incluc n, angul n; Mass ily, 6-20 ; Field y clay lo lium gra seous, ,	includes - des - Euca lar, Quartz sive grade mm, angu pH 6 (Rau pH 6 (Rau pam; Mass velly, 6-20 ; Field pH	None re lyptus br sandsto of structular, Subs pach, 0.0 ive grade)mm, ang 6 (Raup	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to	
Profile Morpl A11 0 - 0.0	Ta se Frag bology 9 m 0.2 m	All Strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , Moist); ; Sandy ; 2-10%, med ous, , ; , Gyps	Species es incluc n, angul n; Mass ily, 6-20 ; Field y clay lo lium gra seous, ,	includes - des - Euca lar, Quartz sive grade mm, angu pH 6 (Rau pH 6 (Rau pam; Mass velly, 6-20 ; Field pH	None re lyptus br sandsto of structular, Subs pach, 0.0 ive grade)mm, ang 6 (Raup	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to	
Profile Morph A11 0 - 0.0 A12 0.09 -	Ta se Frag bology 9 m 0.2 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare	Strata - , , . *S parse. *Specie ivelly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , <i>l</i> oist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2	Species es inclue n, angul n; Mass Ily, 6-20 ; Field y clay lo lium gra seous, , 20-50%	includes - des - Euca lar, Quartz sive grade mm, angu pH 6 (Rau pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm,	None re lyptus br sandsto of structi lar, Subs pach, 0.0 ive grade 0mm, ang 6 (Raup Distinct;	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ;	
Profile Morph A11 0 - 0.0 A12 0.09 -	Ta <u>se Frag</u> oology 9 m 0.2 m	All Strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , /loist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2 e grade of stru	Species es inclue n, angul m; Mass Illy, 6-20 ; Field y clay lo lium gra seous, , 20-50% ucture,	includes - des - Euca lar, Quartz sive grade 0mm, angu pH 6 (Rau pH 6 (Rau velly, 6-20 ; Field pH , 5-15mm, 20-50 mm	None re lyptus br sandsto of structu llar, Subs pach, 0.0 ive grade mm, ang 6 (Raup Distinct; , Angula	corded ownii, Eucalyptus papuana one ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric;	
Profile Morph A11 0 - 0.0 A12 0.09 -	Ta <u>se Frag</u> oology 9 m 0.2 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare Red (2.5YR4/6-Moist); Mottl Light medium clay; Moderat Few (<1 per 100mm2) Very	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , /loist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2 e grade of stru fine (0.075-1r	Species es incluc n, angul m; Mass lly, 6-20 ; Field y clay lo lium gra seous, , 20-50% ucture, mm) ma	includes - des - Euca lar, Quartz sive grade 0mm, angu pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm, 20-50 mm acropores,	None re lyptus br sandsto of structu lar, Subs pach, 0.0 ive grade mm, ang 6 (Raup Distinct; , Angula Dry; Ver	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric; y firm consistence; 2-10%,	
Profile Morph A11 0 - 0.0 A12 0.09 -	Ta <u>se Frag</u> oology 9 m 0.2 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare Red (2.5YR4/6-Moist); Mottl Light medium clay; Moderat Few (<1 per 100mm2) Very medium gravelly, 6-20mm, a	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , <i>l</i> oist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2 e grade of stru fine (0.075-1r angular, Subst	Species es incluc n, angul m; Mass lly, 6-20 ; Field y clay lo lium gra seous, , 20-50% ucture, mm) ma trate ma	includes - des - Euca lar, Quartz sive grade pmm, angu pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm, 20-50 mm acropores, aterial, coa	None re lyptus br sandsto of structu ilar, Subs pach, 0.0 ive grade mm, ang 6 (Raup Distinct; , Angula Dry; Ver arse fragi	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric; y firm consistence; 2-10%, ments; Very few (0 - 2 %),	
Profile Morph A11 0 - 0.0 A12 0.09 -	Ta <u>se Frag</u> oology 9 m 0.2 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare - Red (2.5YR4/6-Moist); Mottl Light medium clay; Moderati Few (<1 per 100mm2) Very medium gravelly, 6-20mm, a Manganiferous, Fine (0 - 2 r	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , <i>l</i> oist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2 e grade of stru fine (0.075-1r angular, Subst	Species es incluc n, angul m; Mass lly, 6-20 ; Field y clay lo lium gra seous, , 20-50% ucture, mm) ma trate ma	includes - des - Euca lar, Quartz sive grade pmm, angu pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm, 20-50 mm acropores, aterial, coa	None re lyptus br sandsto of structu ilar, Subs pach, 0.0 ive grade mm, ang 6 (Raup Distinct; , Angula Dry; Ver arse fragi	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric; y firm consistence; 2-10%,	
Profile Morph A11 0 - 0.0 A12 0.09 -	Ta <u>se Frag</u> oology 9 m 0.2 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare Red (2.5YR4/6-Moist); Mottl Light medium clay; Moderat Few (<1 per 100mm2) Very medium gravelly, 6-20mm, a	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , <i>l</i> oist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2 e grade of stru fine (0.075-1r angular, Subst	Species es incluc n, angul m; Mass lly, 6-20 ; Field y clay lo lium gra seous, , 20-50% ucture, mm) ma trate ma	includes - des - Euca lar, Quartz sive grade pmm, angu pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm, 20-50 mm acropores, aterial, coa	None re lyptus br sandsto of structu ilar, Subs pach, 0.0 ive grade mm, ang 6 (Raup Distinct; , Angula Dry; Ver arse fragi	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric; y firm consistence; 2-10%, ments; Very few (0 - 2 %),	
Profile Morph A11 0 - 0.0 A12 0.09 - B21 0.2 - 0	Ta se Frag ology 9 m 0.2 m .5 m	Mid 3 Mid 3 Mid 4 Mid 5 Mid 5 Mid 5 Mid 5 Mid 5 Mid 5 Mid 5 Mid 5 Mid 6 Mid 6 Mid 6 Mid 6 Mid 6 Mid 6 Mid 6 Mid 6 Mid 7 Mid 7 Mi	Strata - , , . *S parse. *Specie welly, 6-20mm ; ; Sandy loam nedium gravel , Gypseous, , Moist); ; Sandy ; 2-10%, med ous, , ; , Gyps es, 2.5Y44, 2 e grade of strr fine (0.075-1r angular, Subst nm), Nodules;	Species es inclue n, angul m; Mass Ily, 6-20 ; Field y clay lo lium gra seous, , vo.50% ucture, mm) ma trate ma ; , Calca	includes - des - Euca lar, Quartz sive grade mm, angu pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm, 20-50 mm acropores, aterial, coa areous, , ;	None re lyptus br sandsto of structular, Subs pach, 0.0 ive grade Distinct; , Angula Dry; Ver arse fragi , Gypsec	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric; y firm consistence; 2-10%, ments; Very few (0 - 2 %), bus, , ; Field pH 7 (Raupach,	
Profile Morph A11 0 - 0.0 A12 0.09 -	Ta se Frag ology 9 m 0.2 m .5 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare - Red (2.5YR4/6-Moist); Mottl Light medium clay; Moderati Few (<1 per 100mm2) Very medium gravelly, 6-20mm, a Manganiferous, Fine (0 - 2 r 0.4); Clear change to - ; Light clay; Weak grade of s	Strata - , , . *S barse. *Specie ivelly, 6-20mm ; ; Sandy Ioan nedium gravel , Gypseous, , <i>I</i> oist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2 e grade of stri fine (0.075-1r angular, Subsi nm), Nodules;	Species es inclue n, angul m; Mass illy, 6-20 ; Field y clay lo lium gra seous, , voture, mm) ma trate ma ; , Calca 50 mm,	includes - des - Euca lar, Quartz sive grade mm, angu pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm, 20-50 mm acropores, aterial, coa areous, , ; Angular bi	None re lyptus br sandsto of structi lar, Subs pach, 0.0 ive grade Dmm, ang 6 (Raup Distinct; , Angula Dry; Ver arse fragi , Gypsed	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric; y firm consistence; 2-10%, ments; Very few (0 - 2 %), bus, , ; Field pH 7 (Raupach, mooth-ped fabric; Dry; Firm	
Profile Morph A11 0 - 0.0 A12 0.09 - B21 0.2 - 0	Ta se Frag ology 9 m 0.2 m .5 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-M Dry; Very weak consistence coarse fragments; , Calcare 	Strata - , , . *S barse. *Specie ivelly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , /loist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2 e grade of stru- fine (0.075-1r angular, Subsis nm), Nodules: structure, 20-5 um gravelly, 6	Species es inclue n, angul m; Mass illy, 6-20 ; Field y clay lo lium gra seous, , voture, mm) ma trate ma ; , Calca 50 mm, -20mm,	includes - des - Euca lar, Quartz sive grade omm, angu pH 6 (Rau pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm, 20-50 mm acropores, aterial, coa areous, , ; Angular b angular, s	None re lyptus br sandsto of structi ilar, Subs pach, 0.0 ive grade Dmm, ang 6 (Raup Distinct; , Angula Dry; Ver arse frage , Gypsec	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric; y firm consistence; 2-10%, ments; Very few (0 - 2 %), bus, , ; Field pH 7 (Raupach,	
Profile Morph A11 0 - 0.0 A12 0.09 - B21 0.2 - 0	Ta se Frag ology 9 m 0.2 m .5 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare - Red (2.5YR4/6-Moist); Mottl Light medium clay; Moderati Few (<1 per 100mm2) Very medium gravelly, 6-20mm, a Manganiferous, Fine (0 - 2 r 0.4); Clear change to - ; Light clay; Weak grade of s	Strata - , , . *S barse. *Specie ivelly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , /loist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2 e grade of stru- fine (0.075-1r angular, Subsis nm), Nodules: structure, 20-5 um gravelly, 6	Species es inclue n, angul m; Mass illy, 6-20 ; Field y clay lo lium gra seous, , voture, mm) ma trate ma ; , Calca 50 mm, -20mm,	includes - des - Euca lar, Quartz sive grade omm, angu pH 6 (Rau pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm, 20-50 mm acropores, aterial, coa areous, , ; Angular b angular, s	None re lyptus br sandsto of structi ilar, Subs pach, 0.0 ive grade Dmm, ang 6 (Raup Distinct; , Angula Dry; Ver arse frage , Gypsec	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric; y firm consistence; 2-10%, ments; Very few (0 - 2 %), bus, , ; Field pH 7 (Raupach, mooth-ped fabric; Dry; Firm	
Profile Morph A11 0 - 0.0 A12 0.09 - B21 0.2 - 0 B3 0.5 - 0	Ta <u>se Frag</u> <u>ology</u> 9 m 0.2 m .5 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare Red (2.5YR4/6-Moist); Mottl Light medium clay; Moderat Few (<1 per 100mm2) Very medium gravelly, 6-20mm, a Manganiferous, Fine (0 - 2 r 0.4); Clear change to - ; Light clay; Weak grade of s consistence; 10-20%, mediu , Calcareous, , ; , Gypseour	Strata - , , . *S barse. *Specie ivelly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , /loist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2 e grade of stru- fine (0.075-1r angular, Subsis nm), Nodules: structure, 20-5 um gravelly, 6	Species es inclue n, angul m; Mass illy, 6-20 ; Field y clay lo lium gra seous, , voture, mm) ma trate ma ; , Calca 50 mm, -20mm,	includes - des - Euca lar, Quartz sive grade omm, angu pH 6 (Rau pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm, 20-50 mm acropores, aterial, coa areous, , ; Angular b angular, s	None re lyptus br sandsto of structi ilar, Subs pach, 0.0 ive grade Dmm, ang 6 (Raup Distinct; , Angula Dry; Ver arse frage , Gypsec	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric; y firm consistence; 2-10%, ments; Very few (0 - 2 %), bus, , ; Field pH 7 (Raupach, mooth-ped fabric; Dry; Firm	
Profile Morph A11 0 - 0.0 A12 0.09 - B21 0.2 - 0	Ta <u>se Frag</u> <u>hology</u> 9 m 0.2 m .5 m .75 m .75 m	Mid strata - Tree, 6.01-12m, Sp ments: 2-10%, medium gra Olive brown (2.5Y4/4-Moist) weak consistence; 2-10%, n fragments; , Calcareous, , ; Light olive brown (2.5Y5/4-N Dry; Very weak consistence coarse fragments; , Calcare Red (2.5YR4/6-Moist); Mottl Light medium clay; Moderat Few (<1 per 100mm2) Very medium gravelly, 6-20mm, a Manganiferous, Fine (0 - 2 r 0.4); Clear change to - ; Light clay; Weak grade of s consistence; 10-20%, mediu , Calcareous, , ; , Gypseour	Strata - , , . *S barse. *Specie ivelly, 6-20mm ; ; Sandy loan nedium gravel , Gypseous, , /loist); ; Sandy ; 2-10%, med ous, , ; , Gyps les, 2.5Y44, 2 e grade of stru- fine (0.075-1r angular, Subsis nm), Nodules: structure, 20-5 um gravelly, 6	Species es inclue n, angul m; Mass illy, 6-20 ; Field y clay lo lium gra seous, , voture, mm) ma trate ma ; , Calca 50 mm, -20mm,	includes - des - Euca lar, Quartz sive grade omm, angu pH 6 (Rau pH 6 (Rau pam; Mass velly, 6-20 ; Field pH , 5-15mm, 20-50 mm acropores, aterial, coa areous, , ; Angular b angular, s	None re lyptus br sandsto of structi ilar, Subs pach, 0.0 ive grade Dmm, ang 6 (Raup Distinct; , Angula Dry; Ver arse frage , Gypsec	corded ownii, Eucalyptus papuana ine ure; Earthy fabric; Dry; Very strate material, coarse 05); Clear change to - e of structure; Earthy fabric; gular, Substrate material, ach, 0.15); Abrupt change to Mottles, 2.5Y54, 20-50% ; r blocky; Smooth-ped fabric; y firm consistence; 2-10%, ments; Very few (0 - 2 %), bus, , ; Field pH 7 (Raupach, mooth-ped fabric; Dry; Firm	

Site Notes

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:1329Observation ID:1Agency Name:QLD Department of Primary Industries

Laboratory Test Results:

Depth	рН	1:5 EC		hangeable Mg	Cations K	E> Na	changeable Acidity	CEC	ECE	C ESP
m		dS/m	Ca I	ng	ĸ	Cmol (+)/				%
0 - 0.09 0.2 - 0.5 0.5 - 0.75	6.4A 7.1A 7.5A		1B 5.2B	1.9 8.8	0.2 0.13	0.11 0.69				
Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Part		Analysis
m	%	C %	P mg/kg	P %	N %	K %	Density Mg/m3	GV (CS FS %	Silt Clay
0 - 0.09 0.2 - 0.5 0.5 - 0.75										
Depth	COLE		Grav	imetric/Vo	olumetric V	Vater Conte	ents		K sat	K unsat
m		Sat.	0.05 Bar	0.1 Bar g/	0.5 Bar /g - m3/m	1 Bar 3	5 Bar 15 I	Bar	mm/h	mm/h
0 - 0.09 0.2 - 0.5										

0.5 - 0.75

Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:1329Observation ID:1Agency Name:QLD Department of Primary Industries

Laboratory Analyses Completed for this profile

10B 15A2_CA	Extractable sulfur(mg/kg) - Phosphate extractable sulfur Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_K	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_MG	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_NA	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15N1	Exchangeable sodium percentage (ESP)
4A1	pH of 1:5 soil/water suspension