Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:1345Observation ID:1Agency Name:QLD Department of Primary Industries

Site	Info	rmation	

Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	<u>n</u> Rogers, Gary 18/08/92 Sheet No. : 7957 GPS 7743288 AMG zone: 55 337541 Datum: AGD66	Locality: Elevation: Rainfall: Runoff: Drainage:	No Data No Data Slow Moderately v	vell drained				
<u>Geology</u> ExposureType: Geol. Ref.:	No Data No Data	Conf. Sub. is Pare Substrate Materia		: No Data Undisturbed soil core, No Data				
Land Form Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain					
Morph. Type: Elem. Type: Slope:	Flat Plain 1 %	Relief: Slope Category: Aspect:	No Data Very gently s No Data	loped				
Surface Soil C	ondition (dry): Hardsetting							
Erosion:								
Soil Classifica	ion							
Australian Soil C Bleached Petrofe Loamy Clayey Mo	ric Yellow Chromosol Thick Non-g		ing Unit: pal Profile Fo	N/A m: Dy2.82				
ASC Confidence		Great	Soil Group:	Gleyed podzolic				
,	a are available but confidence is fa			soil				
	ce: No effective disturbance other	0 0 ,						
Vegetation:				Aristida species, Eriachne species s melanophloia, Acacia species				
				calyptus melanophloia, Eucalyptus papuana	,			
Surface Coars	Fragments: 0-2%, fine gravell	y, 2-6mm, subangular	, Quartz					
Profile Morpho	logy							
A1 0 - 0.05		Dark brown (10YR3/3-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 5.8 (Raupach, 0.03); Abrupt change to -						
A2e 0.05 - 0.	3 m Yellowish brown (10YR5/4	Yellowish brown (10YR5/4-Moist); ; Clayey sand; Massive grade of structure; Earthy fabric; Dry; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.2); Clear change to -						
	2-10%, fine gravelly, 2-6m	nm, subrounded, Quar	tz, coarse fragr					
B1 0.3 - 0.4	2-10%, fine gravelly, 2-6m Gypseous, , ; Field pH 6 (Light yellowish brown (2.5	nm, subrounded, Quar Raupach, 0.2); Clear (Y6/4-Moist); ; Sandy I avelly, 2-6mm, subrou	tz, coarse fragr change to - ight clay; Mass inded, Quartz, (
B1 0.3 - 0.4 B21 0.42 - 0.	 2-10%, fine gravelly, 2-6m Gypseous, , ; Field pH 6 (I 2 m Light yellowish brown (2.5 fabric; Dry; 2-10%, fine gra , Gypseous, , ; Field pH 6 65 m Light yellowish brown (2.5 fabric; Dry; 2-10%, fine gra 	nm, subrounded, Quar Raupach, 0.2); Clear avelly, 2-6mm, subrou (Raupach, 0.4); Clear GY6/4-Moist); ; Sandy I avelly, 2-6mm, subrou um (2 -6 mm), Nodules	tz, coarse fragr change to - ight clay; Mass inded, Quartz, (change to - ight clay; Mass inded, Quartz, (nents; , Calcareous, , ; ,				
	 2-10%, fine gravelly, 2-6m Gypseous, , ; Field pH 6 (I 2 m Light yellowish brown (2.5 fabric; Dry; 2-10%, fine graveling, Gypseous, , ; Field pH 6 65 m Light yellowish brown (2.5 fabric; Dry; 2-10%, fine graveling, Manganiferous, Mediu (Raupach, 0.6); Clear cha 72 m Light yellowish brown (10¹ Sandy light clay; Massive 	nm, subrounded, Quar Raupach, 0.2); Clear Y6/4-Moist); ; Sandy I avelly, 2-6mm, subrou (Raupach, 0.4); Clear Y6/4-Moist); ; Sandy I avelly, 2-6mm, subrou um (2 -6 mm), Nodules nge to - YR6/4-Moist); Mottles, grade of structure; Ea se fragments; Very fer	tz, coarse fragr change to - ight clay; Mass inded, Quartz, i change to - ight clay; Mass inded, Quartz, i s; , Calcareous 10YR56, 2-10 rthy fabric; Dry v (0 - 2 %), Ma	nents; , Calcareous, , ; , ive grade of structure; Earthy coarse fragments; , Calcareous, , ; ive grade of structure; Earthy coarse fragments; Very few (0 - 2 , ; , Gypseous, , ; Field pH 6 % , Distinct; Mottles, 2-10% ; ; 2-10%, fine gravelly, 2-6mm, nganiferous, Medium (2 -6 mm),				
B21 0.42 - 0.	 2-10%, fine gravelly, 2-6m Gypseous, , ; Field pH 6 (I 2 m Light yellowish brown (2.5 fabric; Dry; 2-10%, fine gra , Gypseous, , ; Field pH 6 65 m Light yellowish brown (2.5 fabric; Dry; 2-10%, fine gra %), Manganiferous, Mediu (Raupach, 0.6); Clear cha 72 m Light yellowish brown (10^N Sandy light clay; Massive subrounded, Quartz, coars Nodules; , Calcareous, , ; 	nm, subrounded, Quar Raupach, 0.2); Clear Y6/4-Moist); ; Sandy I avelly, 2-6mm, subrou (Raupach, 0.4); Clear Y6/4-Moist); ; Sandy I avelly, 2-6mm, subrou um (2 -6 mm), Nodules nge to - YR6/4-Moist); Mottles, grade of structure; Ea se fragments; Very fer	tz, coarse fragr change to - ight clay; Mass inded, Quartz, i change to - ight clay; Mass inded, Quartz, i s; , Calcareous 10YR56, 2-10 rthy fabric; Dry v (0 - 2 %), Ma	nents; , Calcareous, , ; , ive grade of structure; Earthy coarse fragments; , Calcareous, , ; ive grade of structure; Earthy coarse fragments; Very few (0 - 2 , ; , Gypseous, , ; Field pH 6 % , Distinct; Mottles, 2-10% ; ; 2-10%, fine gravelly, 2-6mm, nganiferous, Medium (2 -6 mm),				
B21 0.42 - 0. B22 0.65 - 0.	 2-10%, fine gravelly, 2-6m Gypseous, , ; Field pH 6 (I 2 m Light yellowish brown (2.5 fabric; Dry; 2-10%, fine gra , Gypseous, , ; Field pH 6 65 m Light yellowish brown (2.5 fabric; Dry; 2-10%, fine gra %), Manganiferous, Mediu (Raupach, 0.6); Clear cha 72 m Light yellowish brown (10^o Sandy light clay; Massive subrounded, Quartz, coars Nodules; , Calcareous, , ; Notes 	nm, subrounded, Quar Raupach, 0.2); Clear Y6/4-Moist); ; Sandy I avelly, 2-6mm, subrou (Raupach, 0.4); Clear Y6/4-Moist); ; Sandy I avelly, 2-6mm, subrou um (2 -6 mm), Nodules nge to - YR6/4-Moist); Mottles, grade of structure; Ea se fragments; Very fer	tz, coarse fragr change to - ight clay; Mass inded, Quartz, i change to - ight clay; Mass inded, Quartz, i s; , Calcareous 10YR56, 2-10 rthy fabric; Dry v (0 - 2 %), Ma	nents; , Calcareous, , ; , ive grade of structure; Earthy coarse fragments; , Calcareous, , ; ive grade of structure; Earthy coarse fragments; Very few (0 - 2 , ; , Gypseous, , ; Field pH 6 % , Distinct; Mottles, 2-10% ; ; 2-10%, fine gravelly, 2-6mm, nganiferous, Medium (2 -6 mm),				

Site Notes

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Laboratory Test Results:

Depth	рН	1:5 EC		hangeable	Cations K	Ex Na	changeable Acidity	CEC		ECEC		ESP
m		dS/m	Ca i	Иg	n	Cmol (+)/I						%
0 - 0.05 0.05 - 0.3 0.42 - 0.65	6A 6A 5.8A											
Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk				Analysi	
m	%	С %	P mg/kg	P %	N %	K %	Density Mg/m3	GV	CS	FS %	Silt	Clay
0 - 0.05 0.05 - 0.3 0.42 - 0.65												
Depth	COLE		Gravimetric/Volumetric Water Contents					Ks	at	K unsa	ıt	
m		Sat.	0.05 Bar		0.5 Bar g - m3/m3	1 Bar	5 Bar 15	Bar	mm	ı/h	mm/h	
0 - 0.05 0.05 - 0.3												

0.05 - 0.3 0.42 - 0.65 Project Name:Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLDProject Code:DLRSite ID:1345Observation ID:1Agency Name:QLD Department of Primary Industries

Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension