

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1820 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	26/05/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8255 GPS	Rainfall:	No Data
Northing/Long.:	7652742 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	479962 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Rolling low hills 30-90m 10-	Pattern Type:	Rises
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Moderately inclined
Slope:	20 %	Aspect:	No Data

Surface Soil Condition (dry): Loose

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Melacic Dystrophic Grey Kurosol Thick Very gravelly Sandy Clayey Moderately deep	Principal Profile Form:	Dy2.21
ASC Confidence:	Great Soil Group:	Gleyed podzolic soil
Confidence level not specified		

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Hummock grass, 0.26-0.5m, Sparse. *Species includes - TRIODIA SPECIES ?
Mid Strata - Tree, 3.01-6m, Mid-dense. *Species includes - Acacia shirleyi
Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Acacia shirleyi

Surface Coarse Fragments: 20-50%, cobbly, 60-200mm, rounded, Conglomerate

Profile Morphology

A11	0 - 0.2 m	Very dark grey (10YR3/1-Moist); ; Loamy sand; Single grain grade of structure; Earthy fabric; Dry; Loose consistence; 20-50%, cobbly, 60-200mm, subrounded, dispersed, Coal, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 5 (Raupach, 0.05);
A12	0.2 - 0.4 m	Brown (10YR4/3-Moist); ; Loamy sand; Single grain grade of structure; Earthy fabric; Dry; Loose consistence; 20-50%, medium gravelly, 6-20mm, subrounded, Detrital sedimentary rock (unidentified), coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 5.5 (Raupach, 0.3);
B2	0.4 - 0.5 m	Brown (10YR5/3-Moist); ; Medium clay; Strong grade of structure, 5-10 mm, Angular blocky; Smooth-ped fabric; Dry; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 5 (Raupach, 0.45);
	0.5 - 0.8 m	Light brownish grey (10YR6/2-Moist); ; , Calcareous, , ; , Gypseous, , ; Field pH 5 (Raupach, 0.8);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC		ESP	
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity				%
Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt Clay
		%	mg/kg	%	%	%	Mg/m3			%	
Depth	COLE	Gravimetric/Volumetric Water Contents						K sat		K unsat	
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar			
m					g/g -	m3/m3			mm/h	mm/h	

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Laboratory Analyses Completed for this profile