

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1427 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	18/09/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7743146 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	363165 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, No Data

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Alluvial plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached Chromosol Thin Slightly gravelly Sandy		Principal Profile Form:	Uc2
ASC Confidence:		Great Soil Group:	Earthy sand

No analytical data are available but confidence is fair.

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus brownii, Eucalyptus papuana

Surface Coarse Fragments: 2-10%, fine gravelly, 2-6mm, subrounded, Quartz

Profile Morphology

A1	0 - 0.08 m	Dark greyish brown (10YR4/2-Moist); ; Loamy sand; Single grain grade of structure; Dry; Weak consistence; 0-2%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 5 (Raupach, 0.05); Clear change to -
A21j	0.08 - 0.5 m	Greyish brown (10YR5/2-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.5); Gradual change to -
A22e	0.5 - 0.6 m	Light brownish grey (10YR6/2-Moist); ; Sand; Single grain grade of structure; Dry; Weak consistence; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.6);

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 C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	CS	Size FS	Analysis Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat		
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar				
					g/g -	m3/m3				mm/h	mm/h	

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Laboratory Analyses Completed for this profile