

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 487 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	18/11/91	Elevation:	185 metres
Map Ref.:	Sheet No. : 8256 GPS	Rainfall:	No Data
Northing/Long.:	7703632 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	482305 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:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	4 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Eutrophic Mottled-Subnatic Brown Sodosol Medium Non-gravelly Loamy Clayey Shallow	Principal Profile Form:	Db2.32
ASC Confidence:	Great Soil Group:	Solodic soil

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, 0.26-0.5m, Sparse. *Species includes - None recorded
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eremophila mitchellii
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus brownii, Acacia argyrodendron

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.08 m	Brown (7.5YR5/2-Moist); ; Sandy loam; Massive grade of structure; Moist; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.05); Clear, Smooth change to -
A2j	0.08 - 0.2 m	Light brown (7.5YR6/4-Moist); ; Sandy loam; Massive grade of structure; Dry; Weak consistence; 50-90%, coarse gravelly, 20-60mm, subrounded, Sandstone, coarse fragments; , Calcareous, , , , Gypseous, , , Sharp, Smooth change to -
B	0.2 - 0.4 m	Brown (7.5YR4/3-Moist); Mottles, 5YR44, 10-20% , 5-15mm, Distinct; Mottles, 10-20% ; Medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Dry; Very strong consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.3);
C	0.4 - 0.5 m	; , Calcareous, , , , Gypseous, , ,

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na				%
						Cmol (+)/kg				

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size	Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV CS FS	Silt Clay
								%	

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