

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2322 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	12/05/94	Elevation:	No Data
Map Ref.:	Sheet No. : 8060 GPS	Rainfall:	No Data
Northing/Long.:	7937793 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	358479 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:	Level plain <9m <1%	Pattern Type:	Rises
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Levee	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Eutrophic Grey Chromosol Medium Non-gravelly Loamy Clayey Deep	Principal Profile Form:	Dy3.32
ASC Confidence:	Great Soil Group:	Yellow podzolic 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, 0.51-1m, Mid-dense. *Species includes - Themeda triandra, Imperata cylindrica, Unknown
species Mid Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Eucalyptus tessellaris, Eucalyptus crebra, Lophostemon suaveolens
Tall Strata - Tree, 20.01-35m, Isolated plants. *Species includes - Eucalyptus tessellaris, Eucalyptus crebra

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.05 m	Very dark brown (10YR2/2-Moist); ; Fine sandy loam; Massive grade of structure; Earthy fabric; Moderately moist; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05);
A2j	0.05 - 0.15 m	Dark brown (10YR3/3-Moist); ; Fine sandy loam; Massive grade of structure; Earthy fabric; Moderately moist; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.1);
B21	0.15 - 0.5 m	Pale brown (10YR6/3-Moist); Mottles, 10YR68, 10-20% , 0-5mm, Distinct; Mottles, 10-20% ; Medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Strong consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach,
D1	0.5 - 0.7 m	Pale brown (10YR6/3-Moist); Mottles, 10YR68, 10-20% , 5-15mm, Distinct; Mottles, 10-20% ; Clayey coarse sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moderately moist; Loose consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach,
D2	0.7 - 1.2 m	Very pale brown (10YR7/3-Moist); Mottles, 10YR68, 20-50% , 15-30mm, Distinct; Mottles, 20-50% ; Medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Strong consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach,

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