

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 677 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	19/07/91	Elevation:	No Data
Map Ref.:	Sheet No. : 8158 GPS	Rainfall:	No Data
Northing/Long.:	7790656 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	411364 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:	Undulating plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	90 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Brown Chromosol Medium Non-gravelly Loamy Clayey Moderately deep	Principal Profile Form:	Dy2.72
ASC Confidence:	Great Soil Group:	Lateritic 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, 0.26-0.5m, Sparse. *Species includes - Bothriochloa pertusa, Aristida species, Phynchelytrum repens Mid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Eucalyptus crebra, Acacia shirleyi

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.05 m	Dark greyish brown (10YR4/2-Moist); ; Coarse sandy loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach,
A2j	0.05 - 0.25 m	Brown (10YR5/3-Moist); ; Coarse sandy loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ,
B21c	0.25 - 0.4 m	Yellowish brown (10YR5/6-Moist); ; Light clay (Light); Massive grade of structure; Earthy fabric; Dry; Very weak consistence; Very many (50 - 100 %), Ferruginous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.3);
B22	0.4 - 0.5 m	Yellowish brown (10YR5/6-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; Very many (50 - 100 %), Ferruginous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , ,

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

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

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

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Laboratory Analyses Completed for this profile