

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2232 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	20/10/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7957 GPS	Rainfall:	No Data
Northing/Long.:	7889332 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	292343 Datum: AGD66	Drainage:	Moderately well 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 rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Gently inclined
Slope:	4 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Brown Chromosol Medium Moderately gravelly Clay-loamy Clayey Deep		Principal Profile Form:	Dy3.23
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	No suitable

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Themeda triandra, Unknown species,
Unknown species Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Acacia spectabilis

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia

Surface Coarse Fragments: 20-50%, coarse gravelly, 20-60mm, angular, Jasper

Profile Morphology

A11	0 - 0.1 m	Dark brown (7.5YR3/2-Moist); ; Sandy clay loam (Light); Massive grade of structure; Dry; Weak consistence; 20-50%, medium gravelly, 6-20mm, angular, Jasper, coarse fragments; , Calcareous, , , Gypseous, , , Field pH 6.5 (Raupach, 0.05); Clear change to -
A2	0.1 - 0.3 m	Yellowish red (5YR4/6-Moist); ; Sandy loam; Massive grade of structure; Dry; Weak consistence; 50-90%, medium gravelly, 6-20mm, angular, Jasper, coarse fragments; , Calcareous, , , Gypseous, , , Field pH 6 (Raupach, 0.2); Abrupt change to -
B21	0.3 - 0.75 m	Light olive brown (2.5Y5/6-Moist); Mottles, 2.5Y36, 2-10% , 0-5mm, Distinct; Mottles, 2-10% ; Medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Dry; Very firm consistence; Common (10 - 20 %), Manganiferous, Coarse (6 - 20 mm), Soft segregations; , Calcareous, , , Gypseous, , , Field pH 6 (Raupach, 0.5);

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