

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2006 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Bright, J (Mitch)	Locality:	
Date Desc.:	08/06/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8254 GPS	Rainfall:	No Data
Northing/Long.:	7618773 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	478316 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	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:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Bleached-Sodic Calcic Yellow Chromosol Medium Non-gravelly Clay-loamy Clayey Deep	Principal Profile Form:	Dy1.43
ASC Confidence:	Great Soil Group:	Solodic soil

No analytical data are available but confidence is fair.

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Aristida species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 1.01-3m, Very sparse. *Species includes - Eucalyptus species

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.18 m	Brown (7.5YR4/2-Moist); ; Sandy clay loam; Weak grade of structure, 5-10 mm, Angular blocky; Dry; Weak consistence; 0-2%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.1); Gradual change to -
A2e	0.18 - 0.22 m	Brown (7.5YR4/3-Moist); ; Sandy clay loam (Light); Massive grade of structure; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2); Abrupt change to -
B21	0.22 - 0.5 m	Light brown (7.5YR6/4-Moist); ; Coarse sandy light clay; Weak grade of structure, 10-20 mm, Angular blocky; Dry; Strong consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.45);
B22k	0.5 - 0.7 m	Brown (7.5YR5/3-Moist); ; Light clay; Dry; 0-2%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments; Very few (0 - 2 %), Calcareous, Fine (0 - 2 mm), Nodules; , Gypseous, , , Field pH 9 (Raupach, 0.6);
B23	0.7 - 1 m	Reddish yellow (7.5YR6/6-Moist); ; Light clay; Dry; 0-2%, medium gravelly, 6-20mm, subangular, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 8.5 (Raupach, 0.9);

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	Acidity					%
						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