

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 384 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	14/08/91	Elevation:	260 metres
Map Ref.:	Sheet No. : 8257 GPS	Rainfall:	No Data
Northing/Long.:	7740714 AMG zone: 55	Runoff:	No runoff
Easting/Lat.:	491311 Datum: AGD66	Drainage:	Well 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:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Mesotrophic Red Kandosol Medium Non-gravelly Sandy Loamy Very deep	Principal Profile Form:	Uc5.21
ASC Confidence:	Great Soil Group:	Earthy sand

No analytical data are available but confidence is fair.

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Sporobolus species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Acacia species

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.12 m	Dark reddish brown (2.5YR2/3-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.05); Diffuse, Smooth change to -
B1	0.12 - 0.45 m	Dark red (10R3/6-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.3); Diffuse, Smooth change to -
B21	0.45 - 1.8 m	Red (10R4/6-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (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	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		
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