

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1577 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	30/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 7957 GPS	Rainfall:	No Data
Northing/Long.:	7777166 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	342620 Datum: AGD66	Drainage:	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 plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Plain	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 Dystrophic Red Kandosol Thick Non-gravelly Sandy Clay-loamy Moderately deep	Principal Profile Form:	Gn2.2
ASC Confidence:	Great Soil Group:	Red earth
Confidence level not specified		

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

Vegetation: Low Strata - Tussock grass, <0.25m, Very sparse. *Species includes - Aristida species, Heteropogon contortus
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptis leichardtii, Eucalyptus shirleyi, Petalostigma

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.15 m	Dark brown (7.5YR3/4-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , ; Gypseous, , ; Gradual change to -
A12	0.15 - 0.3 m	Brown (7.5YR4/4-Moist); ; Clayey sand (Heavy); Massive grade of structure; Earthy fabric; Dry; Weak consistence; 20-50%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , ; Gypseous, , ; Gradual change to -
B2	0.3 - 0.6 m	Yellowish red (5YR5/8-Moist); ; Sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; Weak consistence; 20-50%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , ; Gypseous, , ;

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