

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1419 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	17/09/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7747702 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	353243 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 low hills 30-90m 3-10%	Pattern Type:	Hills
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	7 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mellic Brown Kandosol		Principal Profile Form:	Um5.41
ASC Confidence:		Great Soil Group:	Lithosol

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, <0.25m, Very sparse. *Species includes - Cyperus species
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus brownii, Eucalyptus crebra
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus brownii, Eucalyptus platyphylla, Eucalyptus crebra

Surface Coarse Fragments: 90-100%, coarse gravelly, 20-60mm, angular, Quartz

Profile Morphology

A1	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Fine sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 50-90%, coarse gravelly, 20-60mm, angular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.05); Gradual change to -
BC	0.1 - 0.25 m	Dark yellowish brown (10YR4/4-Moist); ; Clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 50-90%, coarse gravelly, 20-60mm, angular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2);

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			%

0 - 0.1	5.6A
0.1 - 0.25	5.7A

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			%		

0 - 0.1
0.1 - 0.25

[illegible]

0 - 0.1
0.1 - 0.25

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension