

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1888 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	10/09/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7859 GPS	Rainfall:	No Data
Northing/Long.:	7872955 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	270851 Datum: AGD66	Drainage:	Well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, Graywacke

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	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
Sodic Eutrophic Red Dermosol Medium Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Gn3.13

ASC Confidence:	Great Soil Group:	N/A
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, Sparse. *Species includes - Bothriochloa decipiens
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Surface Coarse Fragments: 0-2%, medium gravelly, 6-20mm, subangular platy,

Profile Morphology

A11	0 - 0.04 m	Dark brown (7.5YR3/3-Moist); ; Fine sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Very strong consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.02); Clear change to -
A12	0.04 - 0.12 m	Dark reddish brown (5YR3/4-Moist); ; Fine sandy light clay; Massive grade of structure; Earthy fabric; Dry; Very strong consistence; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.1); Clear change to -
B21	0.12 - 0.5 m	Red (2.5YR4/6-Moist); ; Medium clay; Moderate grade of structure, 5-10 mm, Polyhedral; Smooth-ped fabric; Moderately moist; Strong consistence; 2-10%, medium gravelly, 6-20mm, subangular, Graywacke, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.4); Gradual change to -
BC	0.5 - 0.75 m	Light olive brown (2.5Y5/4-Moist); , 2.5YR36; Sandy light clay; Massive grade of structure; Earthy fabric; Moderately moist; Very firm consistence; 20-50%, coarse gravelly, 20-60mm, subangular platy, Graywacke, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 7.5 (Raupach, 0.7); Gradual change to -
C	0.75 - 0.9 m	Olive brown (2.5Y3/3-Moist); , 2.5YR34; Dry; , Calcareous, , , , Gypseous, , ; Field pH 9 (Raupach, 0.9);

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR Site ID: 1888 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC		ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity			%

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	Size CS	Analysis FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat	
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
					g/g -	m3/m3			mm/h	mm/h

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR Site ID: 1888 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile