

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 591 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	22/05/91	Elevation:	No Data
Map Ref.:	Sheet No. : 8158-1 GPS	Rainfall:	No Data
Northing/Long.:	7827095 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	427630 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, Granite

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	5 %	Aspect:	210 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Chromosol Medium Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Dr2.12
ASC Confidence:	Great Soil Group:	Non-calcic brown soil

No analytical data are available but confidence is fair.

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - Tussock grass, 1.01-3m, Mid-dense. *Species includes - Heteropogon contortus, Dichanthium species,

Phynchelytrum repens Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus erythrophloia

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.15 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam; Weak grade of structure, 20-50 mm, Subangular blocky; Earthy fabric; Moderately moist; Firm consistence; Slightly plastic; Normal plasticity; Non-sticky; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear, Wavy
B2	0.15 - 0.35 m	Dark reddish brown (5YR3/3-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Sandy (grains prominent) fabric; Moderately moist; Very firm consistence; Moderately plastic; Normal plasticity; Slightly sticky; , Calcareous, , , , Gypseous, , , Field pH 6.8 (Raupach, 0.3); Diffuse, Wavy change to -
BC	0.35 - 0.65 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; Weak grade of structure, 50-100 mm, Prismatic; Sandy (grains prominent) fabric; Moderately moist; Very firm consistence; Moderately plastic; Normal plasticity; Slightly sticky; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.6); Clear change to -
C	0.65 - 0.8 m	; Sandy light clay; Earthy fabric; Moderately moist; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.8);

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 591 **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	Acidity		
						Cmol (+)/kg			%

0 - 0.15	6.5A
0.15 - 0.35	6.3A
0.35 - 0.65	6.9A

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			%		

0 - 0.15
0.15 - 0.35
0.35 - 0.65

[illegible]

0 - 0.15
0.15 - 0.35
0.35 - 0.65

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 591 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension