

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 410 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	04/09/91	Elevation:	280 metres
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7730245 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	424445 Datum: AGD66	Drainage:	Imperfectly drained

Geology

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

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:	%	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached Eutrophic Brown Chromosol Thick Moderately gravelly Loamy Clayey Shallow		Principal Profile Form:	Dy2.42
ASC Confidence:		Great Soil Group:	Solodized solonetz
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, 0.51-1m, Very sparse. *Species includes - Aristida species
Mid Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Acacia harpophylla, Eremophila mitchellii, Erythroxylon australe

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

Surface Coarse Fragments: 20-50%, medium gravelly, 6-20mm, subrounded, Sandstone

Profile Morphology

A1	0 - 0.2 m	Dark brown (7.5YR3/2-Moist); ; Sandy loam (Heavy); Massive grade of structure; Earthy fabric; Dry; 2-10%, medium gravelly, 6-20mm, angular, Sandstone, coarse fragments; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Abrupt, Smooth change to -
A2e	0.2 - 0.4 m	Dark greyish brown (10YR4/2-Moist); ; Fine sand; Massive grade of structure; Earthy fabric; Dry; 50-90%, medium gravelly, 6-20mm, angular, dispersed, Sandstone, coarse fragments; , Calcareous, , , Gypseous, , ; Field pH 7.5 (Raupach, 0.4); Abrupt, Smooth change to -
B21	0.4 - 0.45 m	Yellowish brown (10YR5/4-Moist); ; Medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; 50-90%, medium gravelly, 6-20mm, angular, dispersed, Sandstone, coarse fragments; , Calcareous, , , Gypseous, , ; Clear change to -
C	0.45 - 0.5 m	; , Calcareous, , , Gypseous, , ;

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmlle Shire, QLD
Project Code: DLR Site ID: 410 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						
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	
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: 410 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile