

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1354 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Day, KJ (Ken)	Locality:	
Date Desc.:	13/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 7957 GPS	Rainfall:	No Data
Northing/Long.:	7747940 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	302800 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, No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Loose

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Mesotrophic Brown Chromosol Thick Non-gravelly Loamy Loamy Moderately deep	Principal Profile Form:	Uc4.24
ASC Confidence:	Great Soil Group:	Earthy sand

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, Mid-dense. *Species includes - Bothriochloa decipiens, Aristida species, Heteropogon contortus Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa, Eucalyptus cambageana
Tall Strata - Tree, 12.01-20m, Very sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa, Eucalyptus cambageana

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.08 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.03); Clear change to -
A12	0.08 - 0.3 m	Dark yellowish brown (10YR4/4-Moist); ; Clayey fine sand; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.2); Gradual change to -
A13	0.3 - 0.55 m	Brown (7.5YR5/4-Moist); ; Clayey fine sand; Massive grade of structure; Earthy fabric; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.5); Gradual change to -
B	0.55 - 0.7 m	Brown (7.5YR5/4-Moist); ; Sandy loam (Heavy); Massive grade of structure; Earthy fabric; 20-50%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.6); Abrupt change to -
D	0.7 - 0.85 m	Brown (7.5YR4/4-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, 2-10%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.8);

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: 1354 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: 1354 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile