

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1214 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By: Rogers, Gary	Locality:
Date Desc.: 18/06/92	Elevation: No Data
Map Ref.: Sheet No. : 8059 GPS	Rainfall: No Data
Northing/Long.: 7849942 AMG zone: 55	Runoff: Slow
Easting/Lat.: 352357 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, No Data

Land Form

Rel/Slope Class: Undulating rises 9-30m 3-10%	Pattern Type: Rises
Morph. Type: Crest	Relief: No Data
Elem. Type: Hillcrest	Slope Category: Gently inclined
Slope: 6 %	Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit: N/A
Mottled Mesotrophic Brown Chromosol Thick Slightly gravelly Sandy Clayey Moderately deep	Principal Profile Form: Dy3.11
ASC Confidence: No analytical data are available but confidence is fair.	Great Soil Group: Yellow podzolic soil

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Heteropogon contortus, Chrysopogon fallax
Mid Strata - , , . *Species includes - None recorded

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

Surface Coarse Fragments: 2-10%, fine gravelly, 2-6mm, subrounded, Quartz

Profile Morphology

A11	0 - 0.1 m	Dark yellowish brown (10YR3/4-Moist); ; Loamy sand; Massive grade of structure; Sandy (grains prominent) fabric; 2-10%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.3 m	Brown (7.5YR4/4-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; 20-50%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2); Clear change to -
A3	0.3 - 0.52 m	Strong brown (7.5YR4/6-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; 20-50%, fine gravelly, 2-6mm, angular, Granite, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.4); Abrupt change to -
B3	0.52 - 0.6 m	Yellowish brown (10YR5/6-Moist); Mottles, 5YR4/6, 10-20% , Distinct; Mottles, 10-20% ; Light medium clay; Weak grade of structure, 5-10 mm, Polyhedral; Smooth-ped fabric; 50-90%, fine gravelly, 2-6mm, angular, Granite, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.55);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC		Exchangeable Cations	Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity	%
0 - 0.1	5.9A							
0.1 - 0.3	5.8A							
0.52 - 0.6	6.1A							

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension