

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 799 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	15/10/91	Elevation:	230 metres
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7699620 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	417266 Datum: AGD66	Drainage:	No Data

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:	Levee	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Soft

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Basic No Available Class Stratic Rudosol Non-gravelly Loamy Deep	Principal Profile Form:	Uc1
ASC Confidence:	Great Soil Group:	Siliceous sand

All necessary analytical data are available.

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

Vegetation: Low Strata - , , . *Species includes - None recorded
 Mid Strata - , , . *Species includes - None recorded
 Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - Eucalyptus polycarpa, Eucalyptus tereticornis,
Eucalyptus
 tessellaris

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.05 m	Dark greyish brown (10YR4/2-Moist); ; Loamy fine sand; Massive grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.05); Clear change to
A12	0.05 - 0.22 m	Brown (7.5YR4/2-Moist); ; Loamy fine sand; Massive grade of structure; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Diffuse change to -
C1	0.22 - 0.6 m	Brown (7.5YR5/4-Moist); ; Loamy fine sand; Massive grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.3); Diffuse change to -
C2	0.6 - 1.4 m	Brown (7.5YR5/4-Moist); ; Fine sand; Single grain grade of structure; Moderately moist; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.9); Diffuse change to
C3	1.4 - 2 m	Reddish brown (5YR5/4-Moist); , 5YR73; Fine sand; Single grain grade of structure; Moderately moist; Loose consistence; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 2);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Exchangeable Na	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg			%
0 - 0.05	6.8A								
0.22 - 0.6	6.7A								
1.4 - 2	6.7A								

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension