

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 1189 **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

#### Site Information

<b>Desc. By:</b>	Rogers, Gary	<b>Locality:</b>	
<b>Date Desc.:</b>	15/06/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8058 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7791824 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	351645 Datum: AGD66	<b>Drainage:</b>	No Data

#### Geology

<b>Exposure Type:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	Undisturbed soil core, No Data

#### Land Form

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

**Surface Soil Condition (dry):** Loose

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
No Available Class Orthic Oxyaquic Hydrosol Medium Non-gravelly Clay-loamy Clay-loamy Very deep	<b>Principal Profile Form:</b>	Um
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Alluvial soil

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, 0.26-0.5m, Mid-dense. \*Species includes - Sporobolus virginicus  
Mid Strata - , , . \*Species includes - None recorded  
Tall Strata - , , . \*Species includes - None Recorded

**Surface Coarse Fragments:** 0-2%, cobbly, 60-200mm, angular, Basalt

#### Profile Morphology

A11	0 - 0.07 m	Black (10YR2/1-Moist); ; Silty loam; Weak grade of structure, 2-5 mm, Granular; , Calcareous, , ; Gypseous, , ; Field pH 9.5 (Raupach, 0.03); Clear change to -
A12	0.07 - 0.35 m	Black (7.5YR2/0-Moist); ; Sandy clay loam; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; , Calcareous, , , Gypseous, , ; Field pH 9.5 (Raupach, 0.2); Gradual change to -
C1	0.35 - 1 m	Very dark grey (10YR3/1-Moist); ; Fine sandy loam; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; , Calcareous, , , Gypseous, , ; Field pH 9 (Raupach, 0.8); Gradual change to -
C2	1 - 1.35 m	Grey (10YR5/1-Moist); ; Fine sandy loam; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; , Calcareous, , , Gypseous, , ; Field pH 8 (Raupach, 1.1);

#### 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				%	
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	CS	Size FS	Analysis 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	

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Laboratory Analyses Completed for this profile