

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 758 **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

**Site Information**

<b>Desc. By:</b>	M.G. Cannon	<b>Locality:</b>	
<b>Date Desc.:</b>	30/09/91	<b>Elevation:</b>	280 metres
<b>Map Ref.:</b>	Sheet No. : 8156 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7726812 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	408209 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>	Gently undulating plains <9m 1-3%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	2 %	<b>Aspect:</b>	No Data

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

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Basic Petroferric Bleached-Leptic Tenosol Thin Non-gravelly Sandy Sandy Shallow		<b>Principal Profile Form:</b>	Uc2
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Siliceous sand

All necessary analytical data are available.

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

**Vegetation:** Low Strata - Tussock grass, 0.26-0.5m, Closed or dense. \*Species includes - Cyperus species  
Mid Strata - Tree, 3.01-6m, Sparse. \*Species includes - Eucalyptus brownii  
Tall Strata - Tree, 6.01-12m, Mid-dense. \*Species includes - Eucalyptus brownii

**Surface Coarse Fragments:** No surface coarse fragments

**Profile Morphology**

A1	0 - 0.04 m	Pale brown (10YR6/3-Moist); ; Loamy sand; Single grain grade of structure; Smooth-ped fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ;
A2e	0.04 - 0.4 m	Brown (10YR5/3-Moist); ; Loamy coarse sand; Single grain grade of structure; Smooth-ped fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Field pH 7 (Raupach, 0.4);
A2c	0.4 - 0.5 m	Brown (10YR5/3-Moist); ; Smooth-ped fabric; Dry; Many (20 - 50 %), Ferruginous, Medium (2 - 6 mm), Concretions; , Calcareous, , , , Gypseous, , ; Manganiferous pan, Moderately cemented, Discontinuous, Massive;

**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: 758 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 C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle		Size	Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV	CS	FS	Silt Clay
										%	

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

Laboratory Analyses Completed for this profile