

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 2300 **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>	10/05/94	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8060 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7908577 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	369412 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>	No Data

#### Land Form

<b>Rel/Slope Class:</b>	Rolling rises 9-30m 10-32%	<b>Pattern Type:</b>	Rises
<b>Morph. Type:</b>	Lower-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Footslope	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	3 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Basic Paralithic Orthic Tenosol Medium Non-gravelly Sandy	<b>Principal Profile Form:</b>	Uc5.11
Sandy Moderately deep	<b>Great Soil Group:</b>	Siliceous sand

#### **ASC Confidence:**

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 - Heteropogon contortus, Aristida species, Enneapogon species Mid Strata - Tree, 1.01-3m, Isolated plants. \*Species includes - Eucalyptus terminalis

Tall Strata - Tree, 12.01-20m, Isolated plants. \*Species includes - Eucalyptus tessellaris, Eucalyptus polycarpa,

Eucalyptus

crebra

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

#### Profile Morphology

A11	0 - 0.12 m	Dark brown (7.5YR3/2-Moist); ; Sand; Single grain grade of structure; Smooth-ped fabric; Dry; Very weak consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.05);
A2	0.12 - 0.35 m	Brown (7.5YR4/2-Moist); ; Sand; Single grain grade of structure; Smooth-ped fabric; Dry; Very weak consistence; 0-2%, fine gravelly, 2-6mm, subangular, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 7.5 (Raupach, 0.3);
B	0.35 - 0.6 m	Yellowish brown (10YR5/4-Moist); ; Sand; Single grain grade of structure; Smooth-ped fabric; Dry; Very weak consistence; 2-10%, medium gravelly, 6-20mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 8 (Raupach, 0.6);
BC	0.6 - 0.8 m	Yellow (10YR7/6-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 2-10%, medium gravelly, 6-20mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 8 (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: 2300 Observation ID: 1  
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations		Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na			%
						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

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD  
Project Code: DLR Site ID: 2300 Observation ID: 1  
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile