

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 486 **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

#### Site Information

<b>Desc. By:</b>	Barry, Earl	<b>Locality:</b>	
<b>Date Desc.:</b>	18/11/91	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8256 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7706952 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	482073 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>	Undulating rises 9-30m 3-10%	<b>Pattern Type:</b>	Rises
<b>Morph. Type:</b>	Crest	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillcrest	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	3 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Basic Regolithic Orthic Tenosol Medium Slightly gravelly	<b>Principal Profile Form:</b>	Uc4.22
Sandy Sandy Moderately deep	<b>Great Soil Group:</b>	Siliceous sand

#### **ASC Confidence:**

All necessary analytical data are available.

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

#### Vegetation:

Low Strata - , , . \*Species includes - Aristida species, Eragrostis species  
Mid Strata - Tree, 3.01-6m, Sparse. \*Species includes - Petalostigma pubescens, Acacia species, Planchonia

careya

Tall Strata - Tree, 12.01-20m, Sparse. \*Species includes - Eucalyptus polycarpa, Eucalyptus papuana

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

#### Profile Morphology

A1	0 - 0.15 m	Dark greyish brown (10YR4/2-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moist; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.05);
A2	0.15 - 0.25 m	Brown (7.5YR5/4-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; , Calcareous, , , , Gypseous, , ,
B2w	0.25 - 0.9 m	Reddish brown (5YR4/4-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; , Calcareous, , , , Gypseous, , , Field pH 9 (Raupach,

#### 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: 486 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
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar	
m					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: 486 Observation ID: 1  
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile