

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 1065 **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>	21/04/92	<b>Elevation:</b>	314 metres
<b>Map Ref.:</b>	Sheet No. : 8156 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7703156 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	430864 Datum: AGD66	<b>Drainage:</b>	Well drained

#### Geology

<b>ExposureType:</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>	Crest	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillcrest	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	1 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	Regolithic Basic Orthic Tenosol Medium Slightly gravelly Sandy Loamy Shallow	<b>Mapping Unit:</b>	N/A
<b>ASC Confidence:</b>	No analytical data are available but confidence is fair.	<b>Principal Profile Form:</b>	Uc5
		<b>Great Soil Group:</b>	Siliceous sand

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

**Vegetation:** Low Strata - Tussock grass, 0.26-0.5m, Sparse. \*Species includes - Sporobolus species, Heteropogon contortus,  
Cyperus species  
Mid Strata - Tree, 1.01-3m, Sparse. \*Species includes - Melaleuca species  
Tall Strata - Tree, 3.01-6m, Isolated plants. \*Species includes - Eucalyptus melanophloia, Grevillea parallela, Melaleuca species

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

#### Profile Morphology

A11	0 - 0.12 m	Brown (10YR4/3-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 10-20%, fine gravelly, 2-6mm, subrounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.12 - 0.18 m	Yellowish brown (10YR5/4-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 10-20%, fine gravelly, 2-6mm, subrounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Clear change to -
B2	0.18 - 0.6 m	Brown (7.5YR5/3-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 20-50%, medium gravelly, 6-20mm, subrounded, dispersed, Ironstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.3);

#### Morphological Notes

#### Observation Notes

#### Site Notes

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**Laboratory Test Results:**

[illegible][illegible][illegible]

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**Laboratory Analyses Completed for this profile**

4A1                      pH of 1:5 soil/water suspension