

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 917 **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>	25/04/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8256 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7681185 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	452442 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>	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
Eutrophic Mottled-Subnatic Yellow Sodosol Thick Non-gravelly Sandy Clayey Moderately deep	<b>Principal Profile Form:</b>	Dy3.43
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Solodic soil

No analytical data are available but confidence is fair.

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

**Vegetation:** Low Strata - Hummock grass, 0.26-0.5m, . \*Species includes - TRIODIA SPECIES ?  
Mid Strata - Tree, 1.01-3m, Isolated plants. \*Species includes - Eucalyptus brownii  
Tall Strata - Tree, 3.01-6m, Sparse. \*Species includes - Eucalyptus brownii

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

#### Profile Morphology

A1	0 - 0.02 m	Yellowish brown (10YR5/4-Moist); ; Loamy sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; , Calcareous, , , , Gypseous, , ;
A2e	0.02 - 0.4 m	Light yellowish brown (10YR6/4-Moist); ; Loamy sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; 10-20%, medium gravelly, 6-20mm, rounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ;
B2	0.4 - 0.6 m	Light yellowish brown (10YR6/4-Moist); , 10YR68; Medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; , Calcareous, , , , Gypseous, , ; Field pH 9 (Raupach, 0.6);

#### 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