

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 2114 **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>	06/10/93	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 7858 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7791970 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	262198 Datum: AGD66	<b>Drainage:</b>	No Data

#### 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>	No Data

#### Land Form

<b>Rel/Slope Class:</b>	Level plain <9m <1%	<b>Pattern Type:</b>	Alluvial plain
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	1 %	<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 Subnatric Grey Sodosol		<b>Principal Profile Form:</b>	Dy2.42
<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 - Tussock grass, <0.25m, Isolated plants. \*Species includes - Bothriochloa ewartiana, Aristida species

Mid Strata - , , . \*Species includes - None recorded

Tall Strata - Tree, 20.01-35m, Isolated plants. \*Species includes - Eucalyptus tereticornis

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

#### Profile Morphology

A11	0 - 0.05 m	Very dark grey (10YR3/1-Moist); ; Silty loam; Massive grade of structure; Dry; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 5.5 (Raupach, 0.02); Clear, Wavy change to -
A2e	0.05 - 0.25 m	Dark greyish brown (10YR4/2-Moist); ; Silty clay loam; Massive grade of structure; Dry; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 5.5 (Raupach, 0.2); Clear, Wavy change to -
B21	0.25 - 0.6 m	Grey (10YR5/1-Moist); ; Silty medium heavy clay; Strong grade of structure, 10-20 mm, Angular blocky; Dry; Very strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.5); Abrupt, Wavy change to -
D1	0.6 - 0.75 m	Light brownish grey (10YR6/2-Moist); ; Coarse sand; Single grain grade of structure; Dry; Firm consistence; 10-20%, medium gravelly, 6-20mm, subrounded, dispersed, Granite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.7); Abrupt, Wavy change to -
2B	0.75 - 0.9 m	Dark grey (10YR4/1-Moist); ; Silty medium heavy clay; Strong grade of structure, 10-20 mm, Angular blocky; Dry; Very strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 8.5 (Raupach, 0.8);

#### Morphological Notes

#### Observation Notes

#### Site Notes

**Laboratory Test Results:**

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Laboratory Analyses Completed for this profile