

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 2324 **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>	13/05/94	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8060 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7947306 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	347737 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>	Rises
<b>Morph. Type:</b>	Mid-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Fan	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	3 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Bleached-Sodic Calcic Brown Chromosol Medium Non-gravelly	<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 - Tussock grass, 0.26-0.5m, Sparse. \*Species includes - Unknown species, Aristida species, Bothriochloa decipiens Mid Strata - Tree, 3.01-6m, Sparse. \*Species includes - Eucalyptus moluccana, Eucalyptus polycarpa

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

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

#### Profile Morphology

A1	0 - 0.05 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6.5 (Raupach, 0.02); Clear change to -
A2e	0.05 - 0.12 m	Brown (10YR4/3-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.1); Abrupt change to
B21	0.12 - 0.5 m	Yellowish brown (10YR5/4-Moist); Mottles, 7.5YR5/8, 10-20% , 0-5mm, Distinct; Mottles, 10-20% ; Medium heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Strong consistence; Many cutans, >50% of ped faces or walls coated, prominent; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.4); Diffuse change to
B22	0.5 - 0.63 m	Yellowish brown (10YR5/8-Moist); ; Medium heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Strong consistence; Common cutans, 10-50% of ped faces or walls coated, prominent; Very few (0 - 2 %), Calcareous, Medium (2 - 6 mm), Concretions; , Gypseous, , ; Soil matrix is Highly calcareous; Field pH 8.5 (Raupach, 0.6);

#### Morphological Notes

#### Observation Notes

#### Site Notes

**Laboratory Test Results:**

[illegible]

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Laboratory Analyses Completed for this profile