

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 1425                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

#### Site Information

<b>Desc. By:</b>	Bright, J (Mitch)	<b>Locality:</b>	
<b>Date Desc.:</b>	18/09/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8057    GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7737417 AMG zone: 55	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	373853    Datum: AGD66	<b>Drainage:</b>	Moderately 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>	No Data	<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, Firm

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Eutrophic Brown Kandosol		<b>Principal Profile Form:</b>	Gn2.21
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Yellow earth

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, 0.51-1m, Very sparse. \*Species includes - Aristida species  
Mid Strata - Tree, 3.01-6m, Sparse. \*Species includes - Acacia salicina  
Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus brownii, Eucalyptus melanophloia

#### Surface Coarse Fragments:

#### Profile Morphology

A1	0 - 0.08 m	Brown (7.5YR4/3-Moist); ; Fine sandy clay loam (Light); Moderate grade of structure, 5-10 mm, Platy; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A31	0.08 - 0.25 m	Strong brown (7.5YR4/6-Moist); ; Fine sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 5.5 (Raupach, 0.2); Clear change to -
B21	0.25 - 0.65 m	Yellowish brown (10YR5/8-Moist); ; Clay loam, fine sandy (Heavy); Massive grade of structure; Earthy fabric; Dry; Weak consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Concretions; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.6); Gradual change to -
B22	0.65 - 0.8 m	Yellowish brown (10YR5/6-Moist); ; Clay loam, fine sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Concretions; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.8);

#### 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