

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 1511                      **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>	13/10/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8056    GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7721576 AMG zone: 55	<b>Runoff:</b>	Very slow
<b>Easting/Lat.:</b>	354301    Datum: AGD66	<b>Drainage:</b>	Imperfectly 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>	Level plain <9m <1%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Level
<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
Haplic Eutrophic Brown Kandosol Thick Non-gravelly Clay-loamy Clay-loamy Moderately deep		<b>Principal Profile Form:</b>	Um5.52
<b>ASC Confidence:</b>	No analytical data are available but confidence is fair.	<b>Great Soil Group:</b>	No suitable group

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

**Vegetation:** Low Strata - Tussock grass, <0.25m, Sparse. \*Species includes - Cynodon dactylon, Chrysopogon fallax  
Mid Strata - Tree, 1.01-3m, Sparse. \*Species includes - Eucalyptus coolibah  
Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus coolibah, Eucalyptus papuana

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

#### Profile Morphology

A11	0 - 0.04 m	Dark brown (10YR3/3-Moist); ; Sandy clay loam; Weak grade of structure, 2-5 mm, Platy; Rough-ped fabric; Dry; Weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 5.2 (Raupach, 0.02); Abrupt change to -
A12	0.04 - 0.45 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Clear change to -
B2	0.45 - 0.7 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Very firm consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Veins; , Calcareous, , ; , Gypseous, , ; Field pH 9.5 (Raupach, 0.6);

#### Morphological Notes

#### Observation Notes

#### Site Notes

**Laboratory Test Results:**

[illegible]

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**Laboratory Analyses Completed for this profile**

4A1                      pH of 1:5 soil/water suspension