

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 1986                      **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>	07/10/93	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 7858    GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7793018 AMG zone: 55	<b>Runoff:</b>	Very slow
<b>Easting/Lat.:</b>	286008    Datum: AGD66	<b>Drainage:</b>	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>	Flat	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	1 %	<b>Aspect:</b>	No Data

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

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Haplic Eutrophic Red Kandosol Medium Non-gravelly Loamy Clayey Moderately deep	<b>Principal Profile Form:</b>	Gn2.12
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Red earth

Analytical data are incomplete but reasonable confidence.

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

**Vegetation:** Low Strata - Tussock grass, 0.26-0.5m, Sparse. \*Species includes - Heteropogon contortus  
Mid Strata - Shrub, 3.01-6m, Sparse. \*Species includes - Petalostigma pubescens, Bursaria incana  
Tall Strata - Tree, 12.01-20m, Mid-dense. \*Species includes - Eucalyptus crebra, Eucalyptus tessellaris

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

**Profile Morphology**

A11	0 - 0.1 m	Dark brown (7.5YR3/3-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.2 m	Dark brown (7.5YR3/3-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.15); Gradual change to -
B1	0.2 - 0.4 m	Dark reddish brown (5YR3/4-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Firm consistence; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.3); Clear change to -
B21	0.4 - 0.6 m	Dark red (2.5YR3/6-Moist); ; Sandy light clay; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.6);

**Morphological Notes**

**Observation Notes**

**Site Notes**

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD  
Project Code: DLR Site ID: 1986 Observation ID: 1  
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC		ESP	
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity				%
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle		Size	Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV	CS	FS	Silt Clay
										%	
Depth	COLE	Gravimetric/Volumetric Water Contents						K sat		K unsat	
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar			
m					g/g -	m3/m3			mm/h	mm/h	

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD  
**Project Code:** DLR                      **Site ID:** 1986                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

Laboratory Analyses Completed for this profile