

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 1145 **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>	01/06/92	<b>Elevation:</b>	400 metres
<b>Map Ref.:</b>	Sheet No. : 8058 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7841347 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	358526 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>	Undulating low hills 30-90m 3-10%	<b>Pattern Type:</b>	Low hills
<b>Morph. Type:</b>	Mid-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	6 %	<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 Red Kandosol Thick Moderately gravelly Loamy Clay-loamy Deep		<b>Principal Profile Form:</b>	Gn2.14
<b>ASC Confidence:</b>	No analytical data are available but confidence is fair.	<b>Great Soil Group:</b>	Red earth

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

**Vegetation:** Low Strata - Tussock grass, 0.26-0.5m, Sparse. \*Species includes - Aristida species  
Mid Strata - Tree, 1.01-3m, Closed or dense. \*Species includes - Alphitonia species, Acacia species,

Lysiphillum carronii

Tall Strata - Tree, 3.01-6m, Isolated plants. \*Species includes - Eucalyptus peltata, Acacia species, Lysiphillum

carronii

**Surface Coarse Fragments:** 20-50%, fine gravelly, 2-6mm, angular, Quartz

#### Profile Morphology

A11	0 - 0.12 m	Reddish brown (5YR4/4-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.1); Clear change to -
A12	0.12 - 0.35 m	Dark reddish brown (2.5YR3/4-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.3); Clear change to -
B21	0.35 - 0.75 m	Dark red (2.5YR3/6-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.6); Clear change to -
B22	0.75 - 1.4 m	Red (10R4/6-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 1);

#### 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: 1145 Observation ID: 1  
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na				%
						Cmol (+)/kg				

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:** 1145                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

Laboratory Analyses Completed for this profile