

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 2350                      **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>	24/10/94	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8060    GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7922672 AMG zone: 55	<b>Runoff:</b>	Slow
<b>Easting/Lat.:</b>	346850    Datum: AGD66	<b>Drainage:</b>	Moderately well drained

**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>	Alluvial 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):** Hardsetting

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Bleached Mesotrophic Black Chromosol Medium Non-gravelly Loamy Clayey Deep		<b>Principal Profile Form:</b>	Dd1.43
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	No suitable
Confidence level not specified			

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

**Vegetation:** Low Strata - Tussock grass, <0.25m, Very sparse. \*Species includes - Unknown species, Unknown species, Eragrostis species      Mid Strata - Tree, 3.01-6m, Very sparse. \*Species includes - Eucalyptus crebra

Tall Strata - Tree, 12.01-20m, Sparse. \*Species includes - Eucalyptus crebra, Eucalyptus platyphylla, Eucalyptus papuana

**Surface Coarse Fragments:** 0-2%, cobbly, 60-200mm, angular, Sandstone

**Profile Morphology**

A1	0 - 0.04 m	Very dark greyish brown (10YR3/2-Moist); ; Fine sandy loam (Heavy); Weak grade of structure, 5-10 mm, Platy; Rough-ped fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.02); Abrupt change to -
A2e	0.04 - 0.15 m	Very dark greyish brown (10YR3/2-Moist); ; Fine sandy clay loam (Light); Weak grade of structure, 10-20 mm, Platy; Rough-ped fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.1); Abrupt change to -
B21	0.15 - 0.4 m	Very dark greyish brown (10YR3/2-Moist); ; Light medium clay; Moderate grade of structure, 20-50 mm, Lenticular; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.35); Clear change to -
B22	0.4 - 0.9 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy light clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.65); Gradual change to -
B23	0.9 - 1.1 m	Dark brown (10YR3/3-Moist); ; Clay loam, sandy; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 8 (Raupach, 1);

**Morphological Notes**

**Observation Notes**

**Site Notes**

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 2350                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

**Laboratory Test Results:**

[illegible][illegible][illegible]

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD  
**Project Code:** DLR                      **Site ID:** 2350                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

**Laboratory Analyses Completed for this profile**

15A2_CA	Exchangeable bases (Ca <sup>2+</sup> ,Mg <sup>2+</sup> ,Na <sup>+</sup> ,K <sup>+</sup> ) - 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_K	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_MG	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_NA	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
4A1	pH of 1:5 soil/water suspension