

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1241 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	01/07/92	Elevation:	340 metres
Map Ref.:	Sheet No. : 8059 GPS	Rainfall:	No Data
Northing/Long.:	7857626 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	368523 Datum: AGD66	Drainage:	Moderately well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, No Data

Land Form

Rel/Slope Class:	Rolling low hills 30-90m 10-	Pattern Type:	Hills
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Moderately inclined
Slope:	12 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Sodic Eutrophic Brown Chromosol Thick Gravelly Sandy Clayey Moderately deep		Principal Profile Form:	Dy3.32
ASC Confidence:		Great Soil Group:	Yellow podzolic soil

All necessary analytical data are available.

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

Vegetation: Low Strata - Tussock grass, <0.25m, Sparse. *Species includes - Themeda triandra, Chrysopogon fallax
Mid Strata - Shrub, 1.01-3m, Sparse. *Species includes - Acacia species
Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia,

Eucalyptus

Surface Coarse Fragments: 10-20%, cobbly, 60-200mm, angular, Quartz

Profile Morphology

A11	0 - 0.12 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; 20-50%, coarse gravelly, 20-60mm, angular, Granite, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A2j	0.12 - 0.3 m	Yellowish brown (10YR5/4-Moist); ; Clayey sand (Heavy); Massive grade of structure; Earthy fabric; 20-50%, medium gravelly, 6-20mm, angular, Granite, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Abrupt change to -
B21	0.3 - 0.5 m	Dark yellowish brown (10YR4/6-Moist); Mottles, 5YR46, 10-20% , Distinct; Mottles, 10-20% ; Sandy light clay; Weak grade of structure, 2-5 mm, Polyhedral; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.4); Clear change to -
B22	0.5 - 0.7 m	Yellowish brown (10YR5/4-Moist); Mottles, 10YR56, 10-20% , Distinct; Mottles, 10-20% ; Sandy light clay; Moderate grade of structure, 20-50 mm, Angular blocky; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.6);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile

10B	Extractable sulfur(mg/kg) - Phosphate extractable sulfur
15A2_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 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
15N1	Exchangeable sodium percentage (ESP)
4A1	pH of 1:5 soil/water suspension