

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1356 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Day, KJ (Ken)	Locality:	
Date Desc.:	13/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 7957 GPS	Rainfall:	No Data
Northing/Long.:	7748752 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	293653 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:	Undulating rises 9-30m 3-10%	Pattern Type:	Low hills
Morph. Type:	Lower-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	8 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Brown Kandosol Medium Non-gravelly Loamy Clay-loamy Moderately deep		Principal Profile Form:	Gn2.42
ASC Confidence:		Great Soil Group:	Red earth

Analytical data are incomplete but reasonable confidence.

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Mid-dense. *Species includes - Heteropogon contortus, Aristida species
Mid Strata - Tree, 1.01-3m, Very sparse. *Species includes - Eucalyptus crebra, Acacia species
Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Fine sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.25 m	Dark yellowish brown (10YR4/4-Moist); ; Fine sandy loam; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , ; Field pH 5.5 (Raupach, 0.2); Gradual change to -
B1	0.25 - 0.7 m	Brown (7.5YR4/4-Moist); ; Fine sandy clay loam; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.6); Clear change to -
B2	0.7 - 0.9 m	Yellowish red (5YR4/6-Moist); ; Clay loam, fine sandy; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.8);

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:** 1356 **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	%
0 - 0.1	6A		2.4B	0.93	0.36	0.06		
0.1 - 0.25	6.1A							
0.25 - 0.7	6.3A		2.4B	1.4	0.17	0.09		

[illegible][illegible]

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 1356 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile

15A2_CA	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,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