

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2108 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	05/10/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7857 GPS	Rainfall:	No Data
Northing/Long.:	7770432 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	280155 Datum: AGD66	Drainage:	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:	Level plain <9m <1%	Pattern Type:	Lava plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Red Ferrosol Thin Non-gravelly Silty Clayey Moderately deep		Principal Profile Form:	Gn3.12
ASC Confidence:		Great Soil Group:	Euchrozem

Analytical data are incomplete but reasonable confidence.

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Heteropogon contortus, Chrysopogon fallax
Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus orgadophylla

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus orgadophylla

Surface Coarse Fragments: 2-10%, cobbly, 60-200mm, subrounded, Basalt

Profile Morphology

A	0 - 0.08 m	Dark brown (7.5YR3/3-Moist); ; Clay loam; Moderate grade of structure, 2-5 mm, Granular; Dry; Very few (0 - 2 %), , , ; , Calcareous, , , ; Gypseous, , ; Field pH 7 (Raupach, 0.05); Gradual change to -
B2	0.08 - 0.3 m	Dark reddish brown (5YR3/4-Moist); ; Light clay; Moderate grade of structure, 5-10 mm, Angular blocky; Dry; Very few (0 - 2 %), , , ; , Calcareous, , , ; Gypseous, , ; Field pH 7 (Raupach, 0.2); Gradual change to -
BC	0.3 - 0.5 m	Yellowish red (5YR4/6-Moist); ; Light clay; Dry; 2-10%, medium gravelly, 6-20mm, dispersed, Basalt, coarse fragments; Very few (0 - 2 %), , , ; , Calcareous, , , ; Gypseous, , ; Field pH 7 (Raupach, 0.5);

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: 2108 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 GV	Size CS	Analysis FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat	
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
					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:** 2108 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile