

Project Name: LOC
Project Code: LOC **Site ID:** B948 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	K.J. Smith	Locality:	
Date Desc.:	//	Elevation:	No Data
Map Ref.:	Sheet No. : 9342 1:100000	Rainfall:	0
Northing/Long.:	152.416666666667	Runoff:	No Data
Easting/Lat.:	-27.746666666667	Drainage:	Rapidly drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Sandstone

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Hills
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	19.8 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	Gn4.53
		Great Soil Group:	Brown earth

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.05 m	Very dark grey (10YR3/1-Moist); ; Fine sandy loam; Strong grade of structure, 2-5 mm, Subangular blocky; Dry; Very weak consistence; Field pH 7.9 (pH meter); CommonClear change to -
B21	0.05 - 0.2 m	Brown (10YR4/3-Moist); ; Fine sandy clay loam; Strong grade of structure, 10-20 mm, Subangular blocky; Dry; Strong consistence; Field pH 8 (pH meter); Common
B21	0.2 - 0.32 m	Brown (10YR4/3-Moist); ; Fine sandy clay loam; Moderate grade of structure, Angular blocky; Dry; Strong consistence; Field pH 8 (pH meter); CommonGradual change to -
B23	0.32 - 0.45 m	Yellowish brown (10YR5/4-Moist); ; Sandy medium clay; Moderate grade of structure, Subangular blocky; Dry; Strong consistence; 0-2%, Sandstone, coarse fragments; Field pH 8 (pH meter); FewGradual change to -
BC	0.45 - 0.67 m	Light brownish grey (10YR6/2-Moist); ; Light medium clay; Moderate grade of structure, Subangular blocky; Dry; Very strong consistence; 2-10%, Sandstone, coarse fragments; Field pH 8.5 (pH meter); Clear change to -
C	0.67 - 0.7 m	;

Morphological Notes

C W'th fine gravel yellowish speckled with black s'stone.

Observation Notes

WAS LV246; 5MM OF LITTER ON SURFACE:

Site Notes

LOCKYER

Observation ID: 1

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	7.3A	0.34A	15.3J	5	1.61	0.1		23.3F	0.43
0.1 - 0.25	7.5A	0.174A	9.4J	2.8	1.6	0.1		15.7F	0.64
0.2 - 0.32	7.7A	0.164A	10.5J	3.4	1.82	0.2		17.2F	1.16
0.25 - 0.4	7.8A	1.34A	10.2J	3.4	2.51	0.2		18.4F	1.09
0.4 - 0.6	7.9A	0.207A	14.9J	3.6	2.99	0.3		23.7F	1.27
0.6 - 0.9	8.1A	0.158A	12J	2.3	1.88	0.2		18.5F	1.08

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Laboratory Analyses Completed for this profile

15F1_CA	Exchangeable bases by 0.01M silver-thiourea (AgTU)+, no pretreatment for soluble salts
15F1_CEC	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F1_K	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F1_MG	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F1_NA	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F2_AL	Extractable Al(%) - Silver Thiorea
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension