

Project Name: LOC
Project Code: LOC Site ID: B956 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.:	152.403888888889	Runoff:	No Data
Easting/Lat.:	-27.775277777778	Drainage:	Moderately well drained

Geology

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

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Hills
Morph. Type:	Lower-slope	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	11.1 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	Ug5.13
ASC Confidence:		Great Soil Group:	N/A
Confidence level not specified			

Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.03 m	Dark brown (10YR3/3-Moist); ; Fine sandy clay loam; Weak grade of structure, Subangular blocky; Dry; Very weak consistence; CommonClear change to -
B1	0.03 - 0.28 m	Very dark greyish brown (10YR3/2-Moist); ; Light medium clay; Moderate grade of structure, 5-10 mm, Angular blocky; Dry; Firm consistence; Clear change to -
B21	0.28 - 0.43 m	Brownish yellow (10YR6/6-Moist); ; Medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Dry; Firm consistence; Clear change to -
BC	0.43 - 0.68 m	Yellow (10YR7/6-Moist); ; Light clay; Strong grade of structure, Angular blocky; Dry; Firm consistence; Gradual change to -
C	0.68 - 0.83 m	;

Morphological Notes

C White weathered siltstone.

Observation Notes

WAS LV295:

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 - 0.05	5.9A	0.146A	7.9J	8.6	1.4	3.3		17.2F	19.19
0.05 - 0.2	6.1A	0.175A	9.7J	10.7	1.5	9		21.3F	42.25
0.2 - 0.35	7.6A	0.55A	9.7J	17.3	1.1	2.4		24.6F	9.76
0.35 - 0.6	8A	0.699A	7.1J	17.9	1.2	4.1		20.9F	19.62
0.6 - 0.8	8.3A	0.78A	5.6J	26.7	1.7	7.2		29.5F	24.41

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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
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension
5A2	Chloride - 1:5 soil/water extract, automated colour
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H2SO4 (BSES)