

Project Name: LOC
Project Code: LOC **Site ID:** B962 **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.:	152.379444444444	Runoff:	No Data
Easting/Lat.:	-27.7794444444445	Drainage:	Well 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:	Lower-slope	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	39.6 %	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:	Gn4.13
		Great Soil Group:	Brown earth

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation:

Tall Strata - Tree, 3.01-6m, Mid-dense. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.06 m	Dark brown (7.5YR3/4-Moist); ; Clay loam; Strong grade of structure, Subangular blocky; Moist; Very weak consistence; Field pH 7 (pH meter); Clear change to -
A12	0.06 - 0.6 m	Dark brown (7.5YR3/4-Moist); ; Clay loam (Heavy); Moderate grade of structure, Subangular blocky; Moist; Very weak consistence; Field pH 7 (pH meter); Clear change to -
B21	0.6 - 0.87 m	Red (2.5YR4/7-Moist); ; Medium heavy clay; Strong grade of structure, Subangular blocky; Wet; Field pH 8 (pH meter); Clear change to -
BC	0.87 - 1 m	Yellowish red (5YR5/8-Moist); ; Sandy medium clay; Weak grade of structure, Subangular blocky; Field pH 8.2 (pH meter); Gradual change to -
C	1 - 1.1 m	; Field pH 8.2 (pH meter);

Morphological Notes

C Weathered reddish yellow sandstone.

Observation Notes

WAS LV312; SOFT WOOD SCRUB VEGETATION:

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	6.6A	0.414A	10.3J	11.1	0.21	0.7	20.6F	3.40
0.4 - 0.5	6.7A	0.332A	2.7J	11.6	0.3	5	15.2F	32.89
0.6 - 0.87	6.8A	0.502A	12.6J	8.9	1.97	1.7	25F	6.80
0.9 - 1	6.6A	0.416A	5.4J	3.6	0.14	0.8	9.9F	8.08

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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