

Project Name: LOC
Project Code: LOC **Site ID:** B929 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	K.J. Smith	Locality:	Brimblecomb property.
Date Desc.:	//	Elevation:	No Data
Map Ref.:	Sheet No. : 9342 1:100000	Rainfall:	0
Northing/Long.:	152.41611111111111	Runoff:	No Data
Easting/Lat.:	-27.6944444444445	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:	Low hills
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	0 %	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:	Gn2.34
		Great Soil Group:	Yellow earth

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.3 m	Brown (10YR4/3-Moist); ; Sandy loam; Weak grade of structure, Subangular blocky; Strong grade of structure, Granular; Moist; Very weak consistence; Field pH 6 (pH meter); CommonDiffuse change to -
A2	0.3 - 0.5 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam; Weak grade of structure, Subangular blocky; Moist; Very weak consistence; Field pH 5.5 (pH meter); FewGradual change to -
B21	0.5 - 0.68 m	Reddish yellow (7.5YR6/6-Moist); ; Sandy clay loam; Weak grade of structure, Subangular blocky; Dry; Very weak consistence; Field pH 5 (pH meter); Gradual change to -
B22	0.68 - 0.85 m	Strong brown (7.5YR5/6-Moist); ; Sandy medium clay; Weak grade of structure, Subangular blocky; Dry; Very weak consistence; 0-2%, medium gravelly, 6-20mm, rounded, Gravel, coarse fragments; Field pH 4.5 (pH meter); Gradual change to -
C	0.85 - 0.9 m	;

Morphological Notes

C Yellow weathered sandstone.

Observation Notes

WAS LV167:

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	5.5A	0.061A	2.4J	0.8	0.2	0.1		2.8F	3.57
0.3 - 0.5	4.7A	0.054A	1.3J	0.6	0.23	0.1		3.6F	2.78
0.5 - 0.68	4.4A	0.047A	0.4J	0.3	0.15	0.1		4.2F	2.38
0.68 - 0.85	4.4A	0.052A	0.6J	0.6	0.3	0.1		6.6F	1.52
0.85 - 0.9	4.4A	0.05A	0.4J	0.3	0.35	0.1		2.2F	4.55

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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