

Project Name: LOC
Project Code: LOC Site ID: B928 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.:	152.45111111111111	Runoff:	No Data
Easting/Lat.:	-27.695	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:	Upper-slope	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	6.6 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
N/A	Principal Profile Form:	Uc2.21
ASC Confidence:	Great Soil Group:	Earthy sand
Confidence level not specified		

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.15 m	Brown (10YR4/3-Moist); ; Sand; Strong grade of structure, 2-5 mm, Granular; Moist; Very weak consistence; Field pH 6 (pH meter); CommonDiffuse change to -
A2	0.15 - 0.45 m	Yellowish brown (10YR5/4-Moist); ; Sand; Massive grade of structure; Moist; Very weak consistence; Field pH 6.5 (pH meter); FewGradual change to -
BC	0.45 - 0.65 m	Brownish yellow (10YR6/6-Moist); ; Clayey sand; Massive grade of structure; Dry; Strong consistence; 0-2%, coarse gravelly, 20-60mm, Sandstone, coarse fragments; Field pH 6 (pH meter); Gradual change to -
C	0.65 - 0.68 m ;	

Morphological Notes

C Reddish weathered sandstone with gravel.

Observation Notes

WAS LV166:

Site Notes

LOCKYER

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0 - 0.1	5.5A	0.69A	1.9J	0.5	0	0		4.7F		0.00
0.2 - 0.3	5.3A	0.38A	1.2J	0.4	0	0		2.9F		0.00
0.4 - 0.5	5.1A	0.31A	1.4J	0.3	0	0		2.5F		0.00
0.7 - 0.8	5.1A	0.34A	2.2J	0.7	0	0.1		4.2F		2.38

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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