

Project Name: LOC
Project Code: LOC **Site ID:** B926 **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.:	152.437777777778	Runoff:	No Data
Easting/Lat.:	-27.696388888889	Drainage:	Well drained

Geology

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

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:	%	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:	Gn2.24
		Great Soil Group:	Black earth

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Weak grade of structure, 10-20 mm, Subangular blocky; Strong grade of structure, <2 mm, Granular; Moist; Very weak consistence; Field pH 6 (pH meter); CommonGradual change to -
A2	0.1 - 0.32 m	Brown (10YR4/3-Moist); ; Clay loam, sandy; Weak grade of structure, 10-20 mm, Subangular blocky; Moist; Very weak consistence; Field pH 5.8 (pH meter); Diffuse change to -
B	0.32 - 0.6 m	Strong brown (7.5YR5/6-Moist); ; Sandy clay loam; Massive grade of structure; Dry; Very weak consistence; 2-10%, Sandstone, coarse fragments; Field pH 5.8 (pH meter); Gradual change to
C	0.6 - 0.8 m	;

Morphological Notes

C Reddish weathered sandstone.

Observation Notes

WAS LV161:

Site Notes

LOCKYER

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Ca	Exchangeable Mg	Cations K	Exchangeable Na	CEC	ECEC	ESP
m		dS/m				Acidity Cmol (+)/kg			%
0 - 0.1	5A	0.12A	2.7J	0.9	0.4	0.1	4.8F		2.08
0.1 - 0.32	4.7A	0.04A	1.4J	0.5	0.06	0.1	3.3F		3.03
0.32 - 0.6	4.6A	0.037A	1.1J	0.4	0.04	0.1	2.8F		3.57
0.6 - 0.8	4.3A	0.035A	0.9J	0.3	0.08	0.1	3.9F		2.56

[illegible][illegible]

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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