

Project Name: LOC
Project Code: LOC Site ID: B940 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.:	152.3	Runoff:	No Data
Easting/Lat.:	-27.7286111111111	Drainage:	Imperfectly 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:	11.1 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	Dy4.12
ASC Confidence:		Great Soil Group:	N/A
Confidence level not specified			

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

Vegetation:

Tall Strata - Tree, 3.01-6m, Mid-dense. *Species includes - Acacia harpophylla

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.07 m	Dark brown (10YR3/3-Moist); ; Loam (Heavy); Weak grade of structure, Subangular blocky; Strong grade of structure, <2 mm, Granular; Moderately moist; Very weak consistence; Clear change to -
B1	0.07 - 0.35 m	Very dark greyish brown (10YR3/2-Moist); ; Clay loam (Heavy); Strong grade of structure, 10-20 mm, Subangular blocky; Moderately moist; Firm consistence; Gradual change to -
B21	0.35 - 0.55 m	Brown (10YR4/3-Moist); ; Medium clay; Strong grade of structure, Subangular blocky; Moderately moist; Firm consistence; Gradual change to -
B22	0.55 - 0.65 m	Yellowish brown (10YR5/4-Moist); , 10YR56, 0-2% , 15-30mm, Faint; , 0-2% , 15-30mm, Faint; Medium clay; Strong grade of structure, Subangular blocky; Moderately moist; Firm consistence;

Morphological Notes

Observation Notes

WAS LV195:

Site Notes

GC

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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 - 0.07	5.2A	0.295A	9.6J	4.8	2.7	0		19.7F		0.00
0.07 - 0.35	5.2A	0.462A	8.6J	4.9	2.27	0.1		16.8F		0.60
0.25 - 0.55	7.3A	0.295A	10.8J	11.5	1.01	2.1		27.3F		7.69
0.55 - 0.65	6.9A	0.393A	7.8J	11.1	0.31	4.4		23.6F		18.64

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	Size CS	Analysis FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

0 - 0.07
0.07 - 0.35
0.25 - 0.55
0.55 - 0.65

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m				g/g -	m ³ /m ³				mm/h	mm/h

0 - 0.07
0.07 - 0.35
0.25 - 0.55
0.55 - 0.65

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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