

Project Name: Regional
Project Code: REG **Site ID:** TL69 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	Webb, Ian	Locality:	
Date Desc.:	//	Elevation:	No Data
Map Ref.:	Sheet No. : 8162 1:100000	Rainfall:	0
Northing/Long.:	145.329166666667	Runoff:	Moderately rapid
Easting/Lat.:	-17.529166666667	Drainage:	Well drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	No Data
Morph. Type:	Lower-slope	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:	Gn3.21
		Great Soil Group:	N/A

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

0 - 0.05 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam; Slightly plastic; Normal plasticity; Non-sticky;
0.05 - 0.1 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam; Slightly plastic; Normal plasticity; Non-sticky;
0.1 - 0.2 m	Dark yellowish brown (10YR4/6-Moist); ; Sandy clay loam; Moderately plastic; Normal plasticity; Slightly sticky;
0.2 - 0.3 m	Dark yellowish brown (10YR4/6-Moist); ; Clay loam; Very plastic; Normal plasticity; Slightly sticky;
0.3 - 0.6 m	Strong brown (7.5YR4/6-Moist); ; Light clay; Very plastic; Normal plasticity; Slightly sticky;
0.6 - 0.9 m	Strong brown (7.5YR4/6-Moist); ; Light medium clay; Very plastic; Normal plasticity; Moderately sticky;

Morphological Notes

Observation Notes

WAS ORIGINALLY EP31:

Site Notes

WOOPEN CREEK

Observation ID: 1

Laboratory Test Results:

Depth m	pH	1:5 EC dS/m	Exchangeable Cations			Na Cmol (+)/kg	Exchangeable Acidity	CEC	ECEC	ESP
			Ca	Mg	K					%
0 - 0.05	4.2D		0.43H	0.26	0.15	0.08	1.55F		2.47B	
	4.3A	1.34B								
	4.1I	0.21H								
0.05 - 0.1	4.3D		0.4H	0.25	0.15	0.09	1.03F		1.92B	
	4.3A	1.03B								
	4.2I	0H								
0.1 - 0.2	4.4D		0.25H	0.16	0.12	0.06	0.83F		1.42B	
	4.2A	0.73B								
	4.2I	0.1H								
0.2 - 0.3	4.5D		0.22H	0.15	0.09	0.05	0.8F		1.21B	
	4.2A	0.62B								
	4.2I	0.08H								
0.3 - 0.6	4.6D		0.17H	0.15	0.09	0.05	0.57F		1.03B	
	4.4A	0.36B								
	4.4I	0.21H								
0.6 - 0.9	4.6D		0.15H	0.18	0.11	0.05	0.66F		1.15B	
	4.5A	0.48B								
	4.4I	0.18H								

[illegible][illegible]

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Laboratory Analyses Completed for this profile

15E1_CA	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,Na ⁺ ,K ⁺) by compulsive exchange, no pretreatment for soluble
15E1_K	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15E1_MG	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15E1_NA	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15G_C	Exchange acidity (hydrogen and aluminium) - meq per 100g of soil - By 1M KCl exch. acidity by titration to pH 8.4
15G_C_AL1	Exchangeable aluminium - meq per 100g of soil - Aluminium By difference of C and A or B
15G_C_H1	Exchangeable hydrogen - meq per 100g of soil - Hydrogen By back titration of A or B
15J_H	Sum of Ex. cations + Ex. acidity - Sum of basic exch. cations and exch. (Hydrogen)
4A_C_2.5	pH of soil - pH of 1:2.5 soil/water suspension
4A1	pH of 1:5 soil/water suspension
4C1	pH of 1:5 soil/1M potassium chloride extract - direct
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method