Project Name: Project Code: Agency Name:	RE	gional G Site ID: IRO Division of Soils (QI	TL58 LD)	Ot	oservatio	n ID: 1	I
Site Information	n						
Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	Webb 16/11 Sheet 145.0		Locality: Elevation: Rainfall: Runoff: Drainage:		980 metr 0 Moderatel Well drain	y rapid	
<u>Geology</u> ExposureType: Geol. Ref.:	Soil p No D		Conf. Sub. is Substrate Ma			No Data Granite	3
Land Form Rel/Slope Class: Morph. Type: Elem. Type: Slope:		er-slope ata	Relief:	Slope Category: No Data		es	
Surface Soil Co	nditio	on (dry): N/A					
Erosion: Partia							
		Si (sileet)					
Soil Classificati Australian Soil Cl N/A ASC Confidence	lassifi	cation:	F	Princip	ng Unit: al Profile∣ Soil Group		N/A Gn3.14 Red podzolic soil
Confidence level r	not spe	ecified					
Site Disturbanc	e: No	effective disturbance. Natura	al				
Vegetation: Surface Coarse	Frag	ments:					
Profile Morphol	ogy						
0 - 0.05 n	n	Brown (7.5YR4/4-Moist); ; S blocky; Rough-ped fabric; W Quartz, coarse fragments; A	/eak consisten	ce; 20-	50%, fine g	gravelly,	
0.05 - 0.1	m	Strong brown (7.5YR4/6-Mc blocky; Rough-ped fabric; W Quartz, coarse fragments; M	/eak consisten	ce; 10-	20%, fine (gravelly,	
0.1 - 0.2 r	m	Yellowish red (5YR4/6-Mois Angular blocky; Moderate g consistence; 2-10%, fine gra CommonClear, Wavy chang	rade of structur avelly, 2-6mm,	re, Sub	angular blo	ocky; Sm	nooth-ped fabric; Firm
0.2 - 0.3 r	m	Red (2.5YR4/6-Moist); ; Ligl blocky; Moderate grade of s 10%, fine gravelly, 2-6mm, a Wavy change to -	tructure, Suba	ngular	blocky; Sm	ooth-pe	d fabric; Firm consistence; 2-
0.3 - 0.6 r	m	Red (2.5YR4/6-Moist); ; Me Moderate grade of structure 10%, fine gravelly, 2-6mm, a ped faces or walls coated; F	, Subangular b angular, disper	olocky; sed, Q	Smooth-pe uartz, coar	d fabric;	Very firm consistence; 2-
0.6 - 0.9 r	m	Red (2.5YR4/6-Moist); ; Sar blocky; Moderate grade of s consistence; 2-10%, fine gra cutans, <10% of ped faces of	tructure, Subai avelly, 2-6mm,	ngular angula	blocky; Sm	ooth-pe	d fabric; Very firm
0.9 - 1.2 r	m	Red (2.5YR4/6-Moist); ; Sar blocky; Smooth-ped fabric; ' dispersed, Quartz, coarse fr	Very firm consi				
1.2 - 1.5 r	m	Red (10R4/6-Moist); ; Sand fine gravelly, 2-6mm, angula Ferruginous, Coarse (6 - 20	ar, dispersed, C	Quartz,	coarse fra		
1.5 - 1.8 r	m	Red (10R4/6-Moist); ; Sand fine gravelly, 2-6mm, angula					

Project Name:	Regional		
Project Code:	REG	Site ID:	TL58
Agency Name:	CSIRO Division	n of Soils (C	QLD)

Observation ID: 1

Observation Notes WAS ORIGINALLY EP30: Site Notes MT WINDSOR

Morphological Notes

Project Name:	Regional			
Project Code:	REG	Site ID:	TL58	
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Observation ID: 1

Laboratory Test Results:

Depth	рН	1:5 EC		hangeabl Mg	e Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	••	9		Cmol (%
0 - 0.05	4.4A 4I		1.3H	1.67	0.34	0.14	0F	3.3J	3.45B	4.24
0.05 - 0.1	4.4A 4.2I		0.22H	0.63	0.24	0.11	3.23F 1.39B 1.84H	3.5J	4.43B	3.14
0.1 - 0.2	4.6A 4.2I		0.22H	0.78	0.26	0.11	3.01F 1.54B 1.47H	3J	4.38B	3.67
0.2 - 0.3	4.6A 4.2I		0.1H	0.48	0.15	0.09	1.36F 1.12B 0.24H	2.9J	2.18B	3.10
0.3 - 0.6	4.6A 4.2I		0.08H	1.08	0.1	0.05	0.88F 0.72B 0.16H	2.7J	2.19B	1.85
0.6 - 0.9	4.8A 4.2I		0.05H	1.52	0.17	0.05	0.33F 0.24B 0.09H	2.7J	2.12B	1.85
0.9 - 1.2	4.7A 4.2I		0.07H	0.64	0.16	0.05	1.13F 0.89B 0.24H	2.2J	2.05B	2.27
1.2 - 1.5			0.05H	0.35	0.11	0.04	1.32F 1.13B 0.19H		1.87B	
1.5 - 1.8			0.08H	0.35	0.11	0.04	1.59F 1.27B 0.32H		2.17B	

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Pa GV	article CS	Size FS		is Clav
m	%	%	mg/kg	%	%	%	Mg/m3	•••		%	•	0.0.)
0 - 0.05		6.06D					0.94					
0.05 - 0.1		3.42D										
0.1 - 0.2		3.91D										
0.2 - 0.3		2.27D					1.20					
0.3 - 0.6		1.33D					1.40					
0.6 - 0.9		0.48D										
0.9 - 1.2							1.40					
1.2 - 1.5												
1.5 - 1.8												

Depth	COLE		Grav	vimetric/V	olumetric W	ater Con	tents		K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m				g	/g - m3/m3	3			mm/h	mm/h

0 - 0.05 0.05 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.6 0.6 - 0.9 0.9 - 1.2

Project Name: Project Code: Agency Name:	Regional REG CSIRO Divisi	Site ID: on of Soils (C	
1.2 - 1.5			

Observation ID: 1

1.2 - 1.5 1.5 - 1.8

Project Name:	Regional		
Project Code:	REG	Site ID:	TL58
Agency Name:	CSIRO Divisio	on of Soils (0	QLD)

QLD)

Observation ID: 1

Laboratory Analyses Completed for this profile

15_NR_CEC	CEC - meq per 100g of soil - Not recorded
15E1_CA	Exchangeable bases (Ca2+,Mg2+,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 15G_C_H1 15J_H 4A_C_2.5 4A1 6A1_UC P3A_NR	Exchangeable aluminium - meq per 100g of soil - Aluminium By difference of C and A or B Exchangeable hydrogen - meq per 100g of soil - Hydrogen By back titration of A or B Sum of Ex. cations + Ex. acidity - Sum of basic exch. cations and exch. (Hydrogen) pH of soil - pH of 1:2.5 soil/water suspension pH of 1:5 soil/water suspension Organic carbon (%) - Uncorrected Walkley and Black method Bulk density - Not recorded