Project Name: Project Code: Agency Name:	Regional REG Site ID: CSIRO Division of Soils (bservation ID:	1
Site Informatio Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	n M.D. Laffan 03/05/84 Sheet No. : 8063 1:100000 145.57444444444 -17.2833333333333	Locality: Elevation: Rainfall: Runoff: Drainage:	720 metres 1400 No Data Well drained	
<u>Geology</u> ExposureType: Geol. Ref.:	Existing vertical exposure CZA	Conf. Sub. is Pare Substrate Materia		a
Land Form Rel/Slope Class: Morph. Type: Elem. Type: Slope:	Undulating rises 9-30m 3-10% Crest Summit surface 6 %	Pattern Type: Relief: Slope Category: Aspect:	No Data No Data No Data 90 degrees	
Surface Soil Co	ondition (dry):			
Erosion:				
Soil Classificat				
Australian Soil C			ng Unit:	N/A Um6.33
Haplic Eutrophic F			pal Profile Form: Soil Group:	Krasnozem
	alytical data are available.			
	ce: No effective disturbance. Nate	ural		
Vegetation:	Example: 40.000/ stars 0		d Cand	
	e Fragments: 10-20%, stony, 2	00-600mm, subrounde	d, Sand	
Profile Morpho A1 0 - 0.1 m	Dark reddish brown (5YR	ooth-ped fabric; Moder , undisturbed, Sand, co	ately moist; Weak c	eavy); Weak grade of structure, onsistence; 10-20%, stony, mmon, medium (2-5mm)
B2 0.1 - 0.2		ooth-ped fabric; Moder , undisturbed, Sand, co	ately moist; Weak c barse fragments; Fe	eavy); Weak grade of structure, consistence; 10-20%, stony, w cutans, <10% of ped
B2 0.2 - 0.3		ooth-ped fabric; Moder , undisturbed, Sand, co	ately moist; Weak c barse fragments; Fe	eavy); Weak grade of structure, consistence; 10-20%, stony, w cutans, <10% of ped
B2 0.3 - 0.5		ooth-ped fabric; Moder , undisturbed, Sand, co	ately moist; Weak co barse fragments; Fe	eavy); Weak grade of structure, consistence; 10-20%, stony, w cutans, <10% of ped
B2 0.5 - 0.6		ooth-ped fabric; Moder , undisturbed, Sand, co	ately moist; Weak co barse fragments; Fe	· · ·
BC 0.6 - 0.8	mm, Polyhedral; Smooth-	ped fabric; Moderately disturbed, Sand, coarse	moist; Weak consis fragments; Few cu	eak grade of structure, 2-5 stence; 50-90%, stony, 200- itans, <10% of ped faces or ge to -
C 0.8 - 0.9	m ;			
<u>Morphological</u>	Notes			
С	Parent material weakly we	eathered basalt:		

Observation Notes

Site Notes

Project Name:	Regional		
Project Code:	REG	Site ID:	T392
Agency Name:	CSIRO Division	of Soils (Q	LD)

Observation ID: 1

Project Name:	Regional				
Project Code:	REG	Site ID:	T392	Observation ID:	1
Agency Name:	CSIRO Division	of Soils (C	LD)		

Laboratory Test Results:

Depth	рН	1:5 EC C		changeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	u	ing	ĸ	Cmol				%
0 - 0.1	5.6D 6.6A	0.084A	15.5H	3.1	1.5	0.04	0.11F	8.2A 32C	20.3F	0.49 0.13
0.1 - 0.2	6.5A	0.034A								
0.2 - 0.3	5.2D 6.6A	0.021A	6.98H	1.12	1.45	0.09	0.06F	8.2A	9.7F	1.10
0.3 - 0.5	5.2D 6.6A	0.017A	6.37H	1.56	1.47	0.07	0.1F	7.1A 19C	9.6F	0.99 0.37
0.5 - 0.6	6.7A	0.016A								
0.6 - 0.8	5.1D 6.8A	0.018A	5.61H	1.65	2.09	0.12	0.09F	6.9A 18C	9.6F	1.74 0.67

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Pa	rticle	Size A	Analysis	6
m	%	С %	P mg/kg	P %	N %	K %	Density Mg/m3	GV	CS	FS %	Silt	Clay
0 - 0.1 0.1 - 0.2		4.06C 1.69C	100B	0.43A	0.28A	0.78A		14	5A	13	30	52
0.2 - 0.3		1.07C	42B	0.004		0.04		17	9A	14	29	48
0.3 - 0.5 0.5 - 0.6		0.95C		0.36A		0.6A		1	8A	13	30	49
0.6 - 0.8				0.28A		0.84A		4	15A	. 17	40	28

Depth	COLE		Grav	/imetric/Vo	olumetric W	ater Cont	ents		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 - 0.1 0.1 - 0.2 0.2 - 0.3 0.3 - 0.5 0.5 - 0.6 0.6 - 0.8

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Laboratory Analyses Completed for this profile

10A1 12_HF_CU 12_HF_FE 12_HF_MN 12_HF_ZN 13C1_FE 15A2_CEC	Total sulfur - X-ray fluorescence Total element - Cu(mg/kg) - HF/HClO4 Digest Total element - Fe(%) - HF/HClO4 Digest Total element - Mn(mg/kg) - HF/HClO4 Digest Total element - Zn(mg/kg) - HF/HClO4 Digest Citrate/dithionite-extractable iron, aluminium, Manganese and Silicon Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15D1_CEC	CEC - 1M ammonium acetate at pH 7.0, pretreatment for soluble salts; manual leach
15E1_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) by compulsive exchange, no pretreatment for soluble
15E1_K 15E1_MG	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts 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 saits
15G_C	Exchange acidity (hydrogen and aluminium) - meq per 100g of soil - By 1M KCl exch. acidity by titration to pH 8.4
15J1	Effective CEC
17A1	Total potassium - X-ray fluorescence
2A1	Air-dry moisture content
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension
4C1	pH of 1:5 soil/1M potassium chloride extract - direct
5A2 6B3	Chloride - 1:5 soil/water extract, automated colour
7A2	Total organic carbon - high frequency induction furnace, infrared Total nitrogen - semimicro Kjeldahl, automated colour
9A1	Total phosphorus - X-ray fluorescence
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H2SO4 (BSES)
9H1	Phosphate retention
P10 CF C	Clay (%) - Coventry and Fett pipette method
P10_CF_CS	Coarse sand (%) - Coventry and Fett pipette method
P10_CF_FS	Fine sand (%) - Coventry and Fett pipette method
P10_CF_Z	Silt (%) - Coventry and Fett pipette method
P10_GRAV	Gravel (%)