Project Project Agency		KL	anning land resources s C Site ID: riculture Western Austral	0139	Oł	oservatio	on ID:	1			
Site Inf	ormatior	<u>1</u>									
Desc. By: H Date Desc.: C Map Ref.: Northing/Long.: 6		03/12	er Percy /91	Locality: Elevation: Rainfall:	Elevation: 330 metres						
			730 AMG zone: 50 30 Datum: AGD84	Runoff: Drainage:		No Data No Data					
Exposu	ExposureType: Soil p Geol. Ref.: No Da			Conf. Sub. is Parent. Mat.: No Data Substrate Material: No Data							
Land Form Rel/Slope Class: Undu		Undu	lating low hills 30-90m 3-10%	Pattern Typ	be: Low hills						
Elem. Ty Slope:	Morph. Type:Mid-sElem. Type:HillsloSlope:5 %		ppe	Relief: Slope Categ Aspect:	gory:	40 metres No Data 0 degrees					
Surface	e Soil Co	onditio	<b>Dn</b> Hardsetting, Hard	lsetting							
<u>Erosior</u> Soil Cla	<u>n:</u> (winc assificati	·· ·	eet) (rill) (gully)								
Eutrophi ASC Co	onfidence	Meson	cation: atric Brown Sodosol data are available.		Mapping Unit: Principal Profile Form: Great Soil Group:			N/A Db2.41 N/A			
Site		•	mplete clearing. Pasture, nati	ve or improve	ed cultiv	vated at so	ome stad	e			
Vegetat	tion	00	implete oleaning. Fastare, hat		Ju, Juli	valoa al se	Jine stag	0			
Surface	e Coarse	-	No surface coarse f	ragments; 2-1	10%, , s	ubangular	, Granite				
<u>Profile</u> A11 0 - 0.1 m Dry; 2-10%,			Dark reddish brown (5YR3/2-Moist); , 0-0% ; Coarse sand; Massive grade of structure;								
			Quartz, coarse fragments; Field pH 6 (Raupach); Many, very fine (0-1mm) roots; Abrupt,								
Smooth change			to -								
A12 structure;	0.1 - 0.3 ı Dry; 2-	m	Dark reddish brown (5YR3/3-Moist); , 0-0% ; Loamy coarse sand; Massive grade of 10%, Quartz, coarse fragments; Field pH 5.5 (Raupach); Common, fine (1-2mm) roots;								
Clear, Smooth			change to -								
A2e 20-50%,	0.3 - 0.4 ı	m	Yellowish brown (10YR5/4-M				•				
Field pH 6	6		Quartz, coarse fragments; Few (2 - 10 %), Ferruginous, Coarse (6 - 20 mm), Nodules; (Raupach); Common, fine (1-2mm) roots; Abrupt, Wavy change to -								
B21	0.4 - 0.45	5 m	Grey (10YR6/1-Moist); Mottles, 10YR68, 2-10% , 0-5mm, Faint; Medium clay; Massive								
grade of			structure; Dry; Sharp change to -								
B22 Strong gra	0.45 - 0.7 ade	'n	Olive brown (2.5Y4/6-Moist); of structure, 50-100 mm, Pris					•			
Rough-pe	d fabric;		of structure, 50-100 mm, Prismatic; Strong grade of structure, 20-50 mm, Polyhedral; Dry; Field pH 6 (Raupach); Few, fine (1-2mm) roots; Abrupt, Smooth change to -								
C (Raupach)	0.7 - 0.85 );	i m	Olive yellow (2.5Y6/6-Moist)	; , 0-0% ; Mas	ssive gra	ade of stru	ıcture; Dr	ry; Field pH 5.5			
Morpho	ological l	Notes	1								
A11			F A QZ & ROCK FRAG.KS>1	1MM							
A12			F A QZ KS>1MM								
A2e			F QZ M,C GS, M R IS KS<1M								
B21 C			SAMPLED WEATHERED ROCK								
0											

## **Observation Notes**

## Site Notes

Project Name: Project Code: Agency Name:		Katanning land resources survey KLC Site ID: 0139 Agriculture Western Australia					Observation	1		
Laboratory Test Results:										
Depth	рН	1:5 EC		changeabl		Nia	Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	к	Na Cmol	Acidity (+)/kg			%
0 - 0.1	4.9B 5.7H	-	6.24H	1.08	0.39	0.29	0.19J		8D	
0 - 0.1	4.9B 5.7H	3 13B	6.24H	1.08	0.39	0.29	0.19J		8D	
0.1 - 0.3	4.6B 5.9H	3B	2.59H	0.78	0.13	0.18	0.36J		3.68D	
0.1 - 0.3	4.6B 5.9H	3B	2.59H	0.78	0.13	0.18	0.36J		3.68D	
0.3 - 0.4	4.6B 6.1H	8 2B	0.64H	0.56	0.05	0.1	0.11J		1.35D	
0.3 - 0.4	4.6B		0.64H	0.56	0.05	0.1	0.11J		1.35D	

0.04

0.04

0.06

0.06

0.68

0.68

2.42

2.42

0.1J

0.1J

0.14J

0.14J

4.23D

4.23D

13.93D

13.93D

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	GV I	Particle CS	Size FS	Analysis Silt
m	%	Clay %	mg/kg	%	%	%	Mg/m3			%	
0 - 0.1 7		2.9D		330B	0.216E						7.6
0 - 0.1 7		2.9D		330B	0.216E						7.6
0.1 - 0.3 10.5		0.58D		110B	0.046E						6.5
0.1 - 0.3 10.5		0.58D		110B	0.046E						6.5
0.3 - 0.4 4.3		0.15D		53B	0.014E						5.2
4.3 0.3 - 0.4 4.3		0.15D		53B	0.014E						5.2
0.4 - 0.45		0.14D		50B	0.017E						10.7
18.3 0.4 - 0.45		0.14D		50B	0.017E						10.7
18.3 0.45 - 0.7		0.26D		44B	0.03E						9.5
39.3 0.45 - 0.7 39.3		0.26D		44B	0.03E						9.5

## Laboratory Analyses Completed for this profile

6.1H 4.5B

6.4H 4.5B 6.4H

4.4B

5.9H 4.4B 5.9H 3B

3B

8B

8B

0.7H

0.7H

1.87H

1.87H

2.81

2.81

9.58

9.58

0.4 - 0.45

0.4 - 0.45

0.45 - 0.7

0.45 - 0.7

15_NR_BSa	Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available
15_NR_CMR	Exchangeable bases (Ca/Mg ratio) - Not recorded
15E1_AL	Exchangeable AI - by compulsive exchange, no pretreatment for soluble salts
15E1_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) by compulsive exchange, no pretreatment for soluble
salts	
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_MN	Exchangeable bases (Mn2+) by compulsive exchange, no pretreatment for soluble salts

15E1_NA	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15J_BASES	Sum of Bases
15N1_b	Exchangeable sodium percentage (ESP) - Auto calculated from available using Sum of Cations
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
4B_AL_NR	Aluminium in 1:5 soil/0.01M calcium chloride extract - method not recorded

Project Name: Project Code: Agency Name:	KLC Site ID: 0139 Observation	1
4B1 6A1_UC	pH of 1:5 soil/0.01M calcium chloride extract - direct Organic carbon (%) - Uncorrected Walkley and Black method	
7A1	Total nitrogen - semimicro Kjeldahl, steam distillation	
9A3	Total Phosphorus (ppm) - semimicro kjeldahl, automated colour	
9H1	Anion storage capacity	
P10_1m2m	1000 to 2000u particle size analysis, (method not recorded)	
P10_20_75	20 to 75u particle size analysis, (method not recorded)	
P10_75_106	75 to 106u particle size analysis, (method not recorded)	
P10_gt2m P10_NR_C	> 2mm particle size analysis, (method not recorded)	
P10_NR_C P10_NR_Saa	Clay (%) - Not recorded Sand (%) - Not recorded arithmetic difference, auto generated	
P10 NR Z	Silt (%) - Not recorded	
P10106 150	106 to 150u particle size analysis, (method not recorded)	
P10150_180	150 to 180u particle size analysis, (method not recorded)	
P10180_300	180 to 300u particle size analysis, (method not recorded)	
P10300_600	300 to 600u particle size analysis, (method not recorded)	
P106001000	600 to 1000u particle size analysis, (method not recorded)	