Project Name: Project Code: Agency Name:	Katanning land resources KLC Site ID: Agriculture Western Austra	0496 O	bservation ID:	1					
Date Desc.: 0 Map Ref.: Northing/Long.: 6	leather Percy i7/10/92 i342000 AMG zone: 50 i17030 Datum: AGD84	Locality: Elevation: Rainfall: Runoff: Drainage:	No Data No Data No Data Imperfectly draine	ď					
	Soil pit No Data	Conf. Sub. is Pare Substrate Materia							
Land Form Rel/Slope Class: (Gently undulating rises 9-30m 1-3	3%	Pattern Type:	Rises					
Elem. Type:	Flat /alley flat ! % dition_ Hardsetting, Har	Relief: Slope Category: Aspect:	10 metres No Data 45 degrees						
	(sheet) (rill) (gully)	useung							
ASC Confidence: All necessary analy	ophic Yellow Chromosol tical data are available.	Princi Great	ng Unit: pal Profile Form: Soil Group:	N/A Dy3.63 N/A					
<u>Site</u> <u>Vegetation:</u> Surface Coarse	Complete clearing. Pasture, na No surface coarse	tive or improved, cult fragments; No surfac	C						
Profile A1 0 - 0.08 m Moist; Loose	Very dark greyish brown (1			-					
pH 6 (Raupach);	consistence; 10-20%, medi Many, fine (1-2mm) roots;			rse fragments, Fleid					
A2 0.08 - 0.15 Sandy loam; Single									
subrounded, ,	grain grade of structure; Mo coarse fragments; Field pH		, ,	0 ,,					
change to -									
B21t 0.15 - 0.6 n Light clay;	G y x								
Field pH 7	-	Moderate grade of structure, 20-50 mm, Polyhedral; Rough-ped fabric; Moderately moist; (Raupach); Common, fine (1-2mm) roots; Clear, Wavy change to -							
B22t 0.6 - 1.05 n 10YR46, 10-20% ,			, ,	Distinct; Mottles,					
ped fabric;		5-15mm, Distinct; Light clay; Strong grade of structure, 50-100 mm, Polyhedral; Smooth-							
B3 1.05 - 1.55	Moderately moist; Field pH m Light yellowish brown (10Y)			15-30mm Distinct					
Mottles, 10YR46,	2-10% , 5-15mm, Distinct;	,							
mm,	Polyhedral; Rough-ped fab		, ,	o or structure, 30-100					
Morphological No	otes		- (
A1	10% O GCL. Earthworms								

A1 10% O GCL. Earthworms A2 10% O,GC,L B3 Water entered at this layer. Observation Notes Site Notes

penetrometer readings:4.5;3.4;3.5;3.8;4.5;5.0

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Agency Name:	Agricult	ure Western Austr	alia	

Laboratory Test Results:

Depth	рН	1:5 EC	Ex: Ca	changeabl Mg	le Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	U u	ing	ĸ	Cmol				%
0 - 0.08	5.2B 6.2H	8B	5.18H	1	0.32	0.26	0.12J		6.76D	
0 - 0.1	5.1B 5.7H	20B								
0 - 0.08	5.2B 6.2H	8B	5.18H	1	0.32	0.26	0.12J		6.76D	
0 - 0.11	5.33B									
0 - 0.1	5.1B 5.7H	20B								
0.08 - 0.15	5B 6.2H	2B	3.59H	0.82	0.1	0.19	0.32J		4.7D	
0.08 - 0.15	5B 6.2H	2B	3.59H	0.82	0.1	0.19	0.32J		4.7D	
0.15 - 0.6	5.4B 6.2H	4B	1.77H	1.68	0.04	0.18	0.04J		3.67D	
0.15 - 0.6	5.4B 6.2H	4B	1.77H	1.68	0.04	0.18	0.04J		3.67D	
0.16 - 0.26	5.35B									
0.41 - 0.51	6.1B									
0.6 - 1.05	6.1B 7H	8B	1.37A	3.91	0.02	1			6.3D	
0.6 - 1.05	6.1B 7H	8B	1.37A	3.91	0.02	1			6.3D	
1.05 - 1.55	6.1B 7.4H	6B	0.53A	2.6	0.03	1.22			4.38D	
1.05 - 1.55	6.1B 7.4H	6B	0.53A	2.6	0.03	1.22			4.38D	

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Depth	CaCO3	Organic C Clay	Avail. P	Total P	Total N	Total K	Bulk Density	GV	Particle CS	Size FS	Analysis Silt	
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.08 7.9		1.94D		230B	0.138E						9.3	
0 - 0.1 0 - 0.08 7.9 0 - 0.11		1.91D 1.94D		230B 230B	0.156E 0.138E						9.3	
0 - 0.1 0.08 - 0.15 10.2		1.91D 1.22D		230B 110B	0.156E 0.046E						8.2	
0.08 - 0.15		1.22D		110B	0.046E						8.2	
0.15 - 0.6 36.9		0.2D		66B	0.018E						7.5	
0.15 - 0.6 36.9 0.16 - 0.26 0.41 - 0.51		0.2D		66B	0.018E						7.5	
0.6 - 1.05 51.3		0.09D		46B	0.007E						16.9	
0.6 - 1.05 51.3		0.09D		46B	0.007E						16.9	
1.05 - 1.55 26.9		0.06D		40B	0.004E						12.1	
1.05 - 1.55 26.9		0.06D		40B	0.004E						12.1	

Laboratory Analyses Completed for this profile

15_NR_BSa Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available

Project Name: Project Code: Agency Name:	Katanning land r KLC Agriculture West	Site ID:	0496	Observation	1
15_NR_CMR 15A1_CA for soluble	Exchangeable bases (Exchangeable bases (rded 1M ammonium chloride at	pH 7.0, no pretreatr
	salts				
15A1_CEC 15A1_K for soluble				chloride at pH 7.0, no pret 1M ammonium chloride at	
	salts				
15A1_MG for soluble	Ŭ (Ca2+,Mg2+,	Na+,K+) -	1M ammonium chloride at	pH 7.0, no pretreatr
	salts				
15A1_NA for soluble	-	Ca2+,Mg2+,	,Na+,K+) -	1M ammonium chloride at	pH 7.0, no pretreatr
	salts		wahanga	a protractment for adult	aalta
15E1_AL 15E1_CA salts				no pretreatment for soluble y compulsive exchange, n	
15E1_K				pulsive exchange, no pretro	
15E1_MG 15E1_MN				oulsive exchange, no pretr exchange, no pretreatment	
15E1 NA				pulsive exchange, no pretr	
15J BASES	Sum of Bases			alerre energe, ne preu	
15L1_a	Exchangeable bases E	Base saturati	ion percent	age (BSP) - Auto calculate	ed from available usi
Sum of Cations	and measured clay				
15N1_a		percentage	(ESP) - Ai	to calculated from availab	le using CEC
15N1 b				to calculated from availab	
18A1_NR	Bicarbonate-extractable	e potassium	(not recor	ded)	0
3_NR	Electrical conductivity		alts - Not re	corded	
4_NR	pH of soil - Not recorde				
4B_AL_NR				extract - method not record	ded
4B1	pH of 1:5 soil/0.01M ca Organic carbon (%) - L				
6A1_UC 7A1	Total nitrogen - semim				
9A3	Total Phosphorus (ppr				
9B NR	Bicarbonate-extractabl	,	,		
9H1	Anion storage capacity	,	,	,	
P10_1m2m	1000 to 2000u particle				
P10_20_75	20 to 75u particle size				
P10_75_106	75 to 106u particle size				
P10_gt2m P10_NR_C	> 2mm particle size an Clay (%) - Not recorde		noa not rec	orded)	
P10_NR_Saa	Sand (%) - Not recorde		difference	auto generated	
P10_NR_Z	Silt (%) - Not recorded			, auto gonoratoa	
P10106_150	106 to 150u particle size		(method no	ot recorded)	
P10150_180	150 to 180u particle size	ze analysis,	(method no	ot recorded)	
P10180_300	180 to 300u particle si				
P10300_600 P106001000	300 to 600u particle size 600 to 1000u particle size 600 to 1000 to 10				