A-1

## A-1 Field Test Results of Soil

**A-61** 

				алан 1,11 — н 1,	P∼1
		en en ser an de la ser de la s La ser de la		<u>.</u>	n an Aragona an Aragona Aragona an Aragona an Ar
				an a	la de la construcción de la constru La construcción de la construcción d La construcción de la construcción d
		FIELD TEST	RESULTS OF	SOIL	
	ang pang baharang baharan				
		(Dry	land)		
PIT NO. &	sa inte	SOIL	SOIL		
HORIZON	DEPTH	COLOUR	TEXTURE	<u>pH</u>	EC (mmhos/cm)
	(cm)				(mainted) (ma)
L 1 - 1	0 - 30	7.5 YR 3/3	SiC	7.3	4.17
- 2	30 - 60	7.5 YR 3/3	SiC	7.45	4.84
- 3	60 -120	10 YR 3/3	SiC	7.0	77.3
- 4	120 -200	7.5 GY 3/1	HC	7.75	10.88
			ata	• <b>•</b> • <b>•</b> •	7.41
L2-1	0 - 30	7.5 YR 2/2	SiC	7.1 7.0	79.4
- 2 - 3	30 - 60 60 -120	7.5 Y 3/3 7.5 GY 3/1	SiL CL	7.6	12.11
- 3	60 -120	7.0 GI 371	<u>с</u> ш	•	
L3-1	0 - 30	7.5 YR 3/2	LiC	7.4	42.8
- 2	30 - 60	7.5 YR 3/2	HC •	7.15	4.7
- 3	60 -120	7.5 YR 3/3	HC	7.6	16.0
	n da nation Second		<b>.</b>		7.2
L4-1	0 - 30	7.5 YR 3/1	SiC LiC	7.1 7.3	10.9
- 2	30 - 60 60 -120	7.5 YR 3/1 2.5 Y 3/3	HC	7.55	16.7
- 3	00 -120	2.5 1 3/5			동네 바람이 있는 것 같
L5-1	0 - 30	7.5 YR 3/1	SiC		
- 2	30 - 60	7.5 YR 3/1	LiC		
- 3	60 -120	2.5 Y 2/2	LiC	-	가 열 가 있는 물을 다 있다. 가지 않는 것 이 같은 것 같은 것
- 4	120 -200	7.5 GY 3/1	HC		
		E 20 2/2	LiC	7.35	15.85
L6-1	0 - 30 30 - 60	5 YR 3/2 5 YR 3/3	LiC	7.05	51.4
- 2	60 -120	7.5 GY 4/1	LiC	6.85	137.5
- 4	120 -200	7.5 GY 4/1	SiCL	6.95	70.5
- 5	200 -240	7.5 GY 3/1	HC		n felfantis - Antonio Status Antonio Status
				<b>–</b> –	36.8
L7-1	0 - 30	7.5 YR 3/1	LiC	7.55 7.4	18,1
- 2 .	30 - 60 60 120	7.5 YR 3/2 7.5 GY 3/1	LIC HC	7.35	50.3
- 3	60 -120 120 -200	7.5 GY 3/1	HC		
- 5	200 -240	7.5 GY 3/1	нС		a de la construcción de la constru La construcción de la construcción d
			and the state of the		
L 8 - 1	0 - 30	5 YR 3/2	LiC	7.4	11.4
- 2	30 - 60	5 YR 3/3	HC	7.4 7.5	16.2 23.4
	60 -120	7.5 YR 3/1	HC	1.5	
- 4	120 -200	7.5 YR 3/1	HC		
το 1	0 - 20	7.5 YR 3/1	SiC	-	=
L9-1 -2	20 - 20	7.5 GY 3/1	LiC		en 1997 - Alexandre Maria, and Alexandre Maria 1997 - Alexandre Maria, and Alexandre Maria
- 4	60 -120	7.5 GY 3/1	HC	-	a second s
- 4	1.20 -200	7.5 GY 3/1	HC		
· · · · ·	$1^{10} \leq 1^{10} \leq 1^{10} \leq 1^{10}$				
				continued	<b>*</b>
		1999 - 1999 -	tin sin tana ar	CONCENTINGO	
		An again th	1000 - 10000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1		
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	and the second	A-62			
			A State of the second		ter e l'anna an air e

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I	٦I	E	ĹĎ	T	est	' I	RÉS	U	лs	0	F	S	ЭI	L		

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		) (Dryl	and)		the second s
		and the second			
PIT No. &		SOIL	SOIL		220
HORIZON	DEPTH	COLOUR	TEXTURE	Hq	EC
	(cm)	litera e Boligerra es			(mmhos/cm)
		n an	a de la seconda de	and and a second se	
L 10 - 1	0 - 30	7.5 YR 2/3	SiCL	6.85	70.2
- 2	30 - 60	7.5 YR 3/4	SiC	6.85	61.6
- 3	60 -120	7.5 YR 4/3	SiC	6.95	78.1
- 4	120 -200	7.5 YR 2/2	SiC		
1	n an				
L 11 - 1	0 - 30	7.5 YR 3/3	CL	6.75	154.9
- 2	30 - 60	7.5 YR 3/2	CL	6.85	69.5
- 3	60 -120	7.5 YR 2/2	LiC	6.85	74.9
- 4	120 -200	7.5 YR 2/2	LiC	6.75	73.9
- 5	200 ~280	10 Y 5/1	HC	-	<b>—</b>
			ang territorian. Ang territoria		
L 12 - 1	0 - 30	7.5 YR 3/3	SiC	- 19	ti <u>n</u> e e e e e e e e e e e e e e e e e e e
- 2	30 - 60	7.5 YR 3/3	SiC		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
- 3	60 -120	7.5 YR 3/2	LiC	<b>.</b>	••••
- 4	120 -220	7.5 YR 2/2	HC	-	
•	100 100				
L 13 - 1	0 - 30	7.5 YR 3/3	LiC		
- 2	and the second	7.5 YR 3/3	LiC	- 1 - 1	n for an an Einstein an Anna Anna Anna Anna Anna Anna Anna
- 3	60 -120	7.5 YR 2/2	LiC	an a	
- 4	120 -210	7.5 YR 2/2	HC		<u>-</u>
	120 210	115 XIX 272		· 문제 · · · · · · · · · · · · · · · · · ·	A State
L 14 - 1	0 - 30	N 2/0	HC	6.85	141.3
- 2	30 - 60	5 YR 3/2	LiC	7.35	37.6
- 2	60 -120	5 YR 2/2	HC	7.65	8.1
- 4	120 -200	7.5 YR 2/2	LiC	-	
- 5		7.5 YR $2/2$	HC	an <b>L</b> han hini	
- 3	200 -300				
L 15 - 1	0 - 30	7.5 YR 3/1	SiC	7.35	15.5
- 2	1	7.5 YR 3/1	LiC	7.25	21.6
	60 -120	2.5 Y 3/3	HC	7.5	9.9
- 3	00 -120	4.31 3/3	inc		
r 1 C 1	0 20	7.5 YR 3/1	SiC	7.3	24.5
L 16 - 1	0 - 30	7.5 YR 3/1	LiC	7.45	37.7
- 2	30 - 60 60 -120	2.5 Y 3/3		-	_
- 3	00 -120	2.51 5/5	HC	en e	
T 1 177 7	0 20	5 YR 3/2	SiC	e y 🔤 🔤 🔤 🖓	
L 17 - 1	0 - 30	7.5 YR 3/3	LiC	문문도 <u>_</u> 이 등 등	
- 2	30 - 60		LiC		
~ 3	60 -120	7.5 YR 3/2		이 가슴 감독하	<b>—</b>
- 4	120 -200	7.5 GY 4/1	HC		
	0 70	7 5 20 2/1	SiC		المراجع المراجع المراجع
L 18 - 1	0 - 30	7.5 YR 3/1		an in the second	
- 2	30 - 60	7.5 YR 3/1	LiC	en la Braxilia A	
- 3	60 -120	2.5 Y 3/3	HC		
			and the set		
		e da la constante de la constan Constante de la constante de la	· · · · ·		and the second
				continued -	1. State 1.
				concinaea -	
and a second					
			t en tra de t	the free second	i di esti i
		A-63			
	$(1,1) \in \{1,2\}$				
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	(Dryl	and)	e te se di	
PIT NO. & DEPTH	SOIL COLOUR	SOIL TEXTURE	Яq	EC
HORIZON DEPTH (cm)				(mmhos/cm)
L 19 – 1 0 – 30	5 YR 3/2	SiC		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7.5 YR 3/3	LiC	an ( <mark>1</mark> . Antonio	an a
- 3 60 -120	2.5 Y 3/3	HC	-	
- 4 120 -200	7.5 GY 4/1	HC	·	lan sa <mark>a</mark> daa an baa
L 20 - 1 0 - 30	7.5 YR 3/1	SiC		
- 2 30 - 60	7.5 YR 3/1	LiC	jest <b>–</b> sa e	a de s <mark>e</mark> terior e
- 3 60 -120	2.5 Y 3/3	HC	-	e de la sette Transforme de la sette d
- 4 120 -200	7.5 GY 4/1	HC	<del>-</del> * * * *	
		n Allen and		
L 21 - 1 0 - 30	5 YR 2/2	SiC	7.5	10.8
- 2 30 - 60	10 Y 4/1	LiC	7.3	28.4
- 3 60 -120	2.5 GY 3/1	HC	7.65	36.9
<b>-</b> 4 120 <b>-</b> 200	2.5 GY 3/1	HC	_	-
- 5 200 -280	2.5 GY 3/1	HC	in an	an an an t-star an
L 22 - 1 0 - 30	5 YR 2/2	LiC	7:0	12.6
-2 30 - 60	2.5  GY  3/1	HC	7.05	10.6
- 3 60 -120	2.5 GY 3/1	HC	7.1	7.8
- 4 120 -200	2.5 GY 3/1	HC	-	
	5 YR 2/2	SiC		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 Y 2/1	LiC	. <u>.</u>	-
- 2 30 - 60 - 3 60 -120	2.5  GY  3/1	HC	-	-
- 4 120 - 200	2.5 GY 3/1	HC		<b>→</b>
		<b>a a</b>		8.8
L 24 - 1 0 - 30	5 YR 2/2	SiC	7.7 7.6	9.2
- 2 30 - 60	$10 \times 2/1$	LiC HC	7.3	12.2
- 3 60 -120	2.5 GY $3/1$	HC		
- 4 120 -200	2.5 GY 3/1	ne	e e e e e e e e e e e e e e e e e e e	
T 25 1 0 20	10 YR 2/2	SiC		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	10  IR  2/2 10 YR 2/2	HC		na sa sa <del>n</del> a sa sa sa
- 3 60 -120	N 4/0	HC		<b>-</b>
- 5 00 -120				
L 26 - 1 0 - 30	5 YR 3/2	HC	7.4	9.5
-2 30 - 60	10 YR 4/1	HC	7.3	12.7
- 3 60 -120	10 GY 3/1	HC		en e
- 4 120 -200	5 GY 3/1	HC	-	•••
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		
L 27 - 1 0 - 30	10 YR 2/2	HC		· · · · · · · · · · · · · · · · · · ·
- 2 30 - 60	10 YR 2/2	SiC		
- 3 60 -120	10 YR 4/1	HC		
- 4 120 - 300	N 4/0	HC		

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### FIELD TEST RESULTS OF SOIL (Dryland)

D--4

	a the state of the		100 A. A.	
PIT No. &	SOIL	SOIL		
HORIZON DEPTH	COLOUR	TEXTURE	рH	EC
(cm)				(mmhos/cm)
(0,		a state a sub-	and a state of the second s	
L 28 - 1 0 - 30	10 YR 2/2	SiC	7.2	11.3
- 2 30 - 60	10 YR 2/2	HC	7.15	9.8
- 3 60 -120	N = 4/0	HC	7.4	8.1
			1.4.4	O.T.
- 4 120 -200	N 4/0	HC		. —. 
L 29 - 1 0 - 30	5 YR 3/2	HC	-	a de la companya de l
- 2 30 - 60	10 YR 4/1	HC	÷	
- 3 60 -120	10 GY 3/1	HC	-	
- 4 120 -200	5 GY 3/1	HC	-	_
			ter dan series	
L 30 - 1 0 - 30	5 YR 3/2	HC		· _ ` · · · ·
- 2 30 - 60	10 YR 4/1	HC	<b></b>	in the second
	10 GY 3/1	HC		
		and the second		· · ·
- 4 120 -200	5 GY 3/1	HC	-	
L 31 - 1 0 - 30	7.5 YR 4/2	$\mathbf{L}$	6.85	112.8
- 2 Har 30 - 60	7.5 YR 4/2	SiL	7.0	77.3
- 3 60 -120	7.5 GY		<del>.</del>	en e
- 4 120 -220	7.5 GY	a an	-	· · · · ·
L 32 - 1 0 - 25	7.5 YR 3/2	$\mathbf{L}$	<b>-</b>	
- 2 35 - 60	10 GY 3/1	SiL		<u> </u>
- 3 60 -120	10 GY 3/1	SiC		
- 5 00 120	10 01 0/1			
L 33 - 1 0 - 25	7.5 YR 4/1	CL	ana a <u>n</u> ana ini	
- 2 30 - 60	7.5 GY 3/1	SiC	The Press	and the second
- 3 60 -120	10 GY 4/1	SiC		
L 34 - 1 0 - 25	10 YR 4/1	$\mathtt{SiL}$	7.4	10.7
- 2 25 - 60	7.5 GY 3/1	SiCL	7.6	8.5
- 3 60 -120	7.5 GY 4/1	SiC	7.5	7.1
			ent di se	
L 35 - 1 0 - 25	10 YR 3/1	$\mathtt{SiL}$	7.5	9.7
- 2 25 - 60	7.5 GY 3/1	SiCL	7.6	7.3
- 3 60 -120	7.5 GY 4/1	SiC	7.6	6,1
			e e e e e e e e e e e e e e e e e e e	
L 36 - 1 0 - 40	10 YR 4/1	SiC	lint set. ₩ y	
- 2 40 - 60	7.5 GY 3/1	LiC	<b></b>	
		LiC		
- 3 60 -120	7.5 GY 3/1	шс		
	7	e÷or		
L 37 - 1 0 - 40	7.5 YR 4/1	SICL		
- 2 40 - 60	7.5 GY 3/1	LiC	·····	
- 3 60 -120	7.5 GY 3/1	LiC	- <sup>10</sup> - <del>₩</del> - 1 - 1 - 4	
	and the second second			
		- c	ontinued -	
	n an an an an Arraigh a Arraigh an Arraigh an Ar			
	na en la companya de la companya de Companya de la companya de la company		· · · ·	
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and the second	and the second	· · · · · ·		

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		(Dryla	nd)		the terms of the
PIT No. & HORIZON	DEPTH	SOIL COLOUR	SOIL <u>TEXTURE</u>	<u>PH</u>	EC (mmhos/cm)
	(cm)				(timition) only
	0 20	7.5 YR 4/1	CL		an a
L 38 - 1 - 2	0 - 30 30 - 60	7.5 YR 3/1	CL		
- 3	60 - 90	10 YR 3/1	SiC		-
- 4	90 -120	7.5 GY 4/1	SiC	-	
	50 120				
ь 39 - 1	0 - 30	10 YR 4/1	CL	7.5	13.4
- 2	30 - 60	7.5 YR 4/1	CL	7.4	11.2
- 13 <sup>°</sup>	60 - 90	7.5 GY 3/1	SiC	7.4. ·,	9.6
		10 MD 4/1	CT	7.5	3.2
L 40 - 1	0 - 30	10  YR  4/1	CL	7.3	6,5
- 2	30 ~ 60	7.5 YR 4/1 7.5 YR 3/1	CL SiL	7.1	9.2 <b>.</b>
- 3 - 4	60 - 90 90 -	7.5 GY 3/1	SiC	* • J.	
<b>– 4</b> .		THE OF OF T			
L 41 - 1	0 - 30	10 YR 3/1	SiCL	-	a 19 <b>-</b> 1997 - 19
- 2	30 - 60	10 YR 4/1	CL	• • •	-
- 3	60 - 90	7.5 YR 3/1	LC	<u>.</u>	ale i 🛥 👘 e Ere
- 4	90 -120	10 GY 4/1	SiC		
Natar 12 ing		10 WD 4/2	0.1	7.7	51.5
L 42 - 1	0 - 30	10 YR 4/3	SiL SiL	7.15	71.4
- 2	30 - 60	10 GY 3/1 10 GY 4/1	HC	_	
- 3 - 4	60 -120 120 -200	10 G 4/1	HC	1 - alet	
- 4	200 -260	10 G 4/1	SC	-	-
<u> </u>	200 200			the state	
L 43 - 1	0 - 30	10 YR 4/1	S	7.45	27.8
- 2	30 - 60	7.5 YR 3/1	S	7.45	15.9
- 3	60 -120	7.5 GY 3/1	LiC	7.35	15.8
- 4	120 -200	7.5 GY 3/1	LiC	· · · · · · · · · · · · · · · · · · ·	
		10 VD 4/1	c	7.2	12.8
L 44 - 1	0 - 30	10 YR 4/1	S S	7.1	7.5
- 2	30 - 60	10 YR 3/1 7.5 YR 3/1	S	7.4	10.5
- 3	60 -120	7.5 YR 4/1	~ S	***	
- 4	120 -200			en an Santa ange	
L 45 - 1	0 - 30	10 YR 3/1	S	7.15	10.2
- 2	30 - 60	10 YR 4/1	S	7.4	
- 3	60 -120	7.5 YR 4/1	S	7.5	13.7
		7.5 YR 3/1			ي الحريقة والعالم المراجع . مراجع مع مع المراجع .
		د المحر بالميل المركز المر المركز المركز	<b>C</b> C	_	andra de la composición de la Composición de la composición de la comp
L 46 - 1	0 - 30	7.5 YR $4/1$	SC		
- 2	30 - 60	7.5 GY $3/1$	LiC HC		
- 3	60 -120	7.5 GY 3/1 7.5 GY 3/1	HC		
- 4	120 -200	1.7 GT 3/T			
T (1)	0 - 30	5 YR 4/3	$\mathbf{CL}$	7.05	77.7
L 47 - 1 - 2	30 - 60	5 YR 3/3	$\mathtt{SiL}$	7.15	53.2
- 2	60 -120	10 YR 5/1	SiC	7.35	42.4
	120 -200	5 BG 4/1	LiC	1977 - Sana Sana Ang Sana Sana Sana	
an a				an ta su An ta su an ta su	
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1	and the second sec		1	continued ~	

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D-6

(Dryland)

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PIT No. & HORIZON	DEPTH	SOIL COLOUR	SOIL TEXTURE	pH	EC
	(cm)				(mmhos/cm)
L 48 - 1	0 - 30	5 YR 4/1	SiCL		en e
- 2	30 - 60	7.5 GY 4/1	SiC	•••	
- 3	60 -120	7.5 GY 4/1	HC	<u>-</u>	$\frac{1}{2}$
- 4	120 -200	7.5 GY 4/1	HC		
L 49 - 1		10 YR 2/2	SiC	7.3	
- 2	30 - 60	7.5 GY 3/1	LiC	7.4	
- 3	60 -120	7.5 GY 3/1	HC	7.5	13.3
L 50 - 1	0 - 30	10 YR 2/2	SiC	7.05	37.6
- 2	30 - 60	7.5 GY 3/1	LiC	7.3	
- 3	60 -120	7.5 GY 3/1	HC	7.65	38.5
- 4	120 -200	7.5 GY 3/1	HC		
			al an Lett		
L 51 - 1	0 - 30	5 YR 2/2	LiC	<b>-</b>	
- 2	30 - 60	5 GY 4/1	HC	-	
- 3	60 -120	5 GY 3/1	HC	-	e di tan
- 4	120 -200	5 GY 3/1	HC		1
			· · · · · ·		
L 52 - 1	0 - 30	5 YR 3/2	HC	7.3	13.3
- 2	the second se	5 YR 4/1	LiC	7.4	11.6
- 3	60 -120	2.5 GY 4/1	HC	7.5	9,8
- 4	120 -200	2.5 GY 3/1	HC	•••••.	an an <del>an</del> An an an an an Anna
L 53 - 1	0 - 30	7.5 YR 3/1	LiC		
- 2	30 - 60	7.5 YR 3/2	HC	· · · · · ·	이 아이 모두 모 아이지?
- 3	60 -120	2.5 Y 4/1	HC	-	
- 4	120 -200	7.5 GY 3/1	HC	<del>, .</del>	<b>**</b>
	an an Arian I. San an Arwayan an Arian Arian ang ang ang ang ang ang ang ang ang a	이 문제를 가지?	te i appendie e		
L 54 - 1	0 - 30	5 YR 4/1	SiC	7.1	80.9
- 2	30 - 60	7.5 YR 4/1	SiC	7.65	4.49
- 3		10 Y 4/1	HC	••• 1	
- 4	120 -200	10 Y 4/1	HC		
		<b>- - - - - - - -</b>	- 10		10.0
L 55 - 1	0 - 30	5 YR 2/2	LiC	7.3	10.2
- 2	30 - 60	5 GY $4/1$	HC	7.4	8.1 6.6
- 3	60 -120	5 GY 3/1	HC	7.5	
L 56 - 1	0 - 30	5 YR 3/2	HC	7.6	8.2
- 2	30 - 60	5 YR 4/1	LiC	7.0	10.3
- 3	60 -120	2.5 GY 4/1	HC		ta sa ta sa ta sa ta <del>T</del> ur
				an an airte Daoine an Airte	
L 57 - 1	0 - 30	5 YR 4/1	SiC	7.8	7.4
- 2	30 - 60	7.5 YR 4/1	SiC	7.0	7.8
- 3	60 -120	10 Y 4/1	HC		
n an an Ariana. An an Ariana					
	an an 1995 - Angelan 1995 - Angelan	n an an an Anna Anna An Anna Anna Anna A		continued -	
1 A.	at y	en al de la companya de la companya En al de la companya d		t di sela di seri	a kan sa
		A-67			
	and the second		a a ser ag		1

	asis is				D-7
			an <sub>an a</sub> Bar Sail An an	internationalista Alternationalista Alternationalista	
	4.6				
en en servición de la composición de la Composición de la composición de la comp		FIELD TEST	RESULTS OF	SOIL	
		(Dryla	ind)		
PIT No. &	an a	SOIL	SOIL		
HORIZON	DEPTH (cm)	COLOUR	TEXTURE	<u>_pH</u>	EC (mmhos/cm)
	(Cm)			en an teanglaithe. An teanglaithe	
L 58 - 1	0 - 30	7.5 YR 3/1	HC	- 	en de la companya de En la companya de la c
- 2	30 - 60	7.5 YR 3/1	НС	in the second	
- 3	60 -120	7.5 YR 3/1	нС		
L 59 - 1	0 - 30	10 YR 2/2	SiC		
- 2	30 - 60	7.5 GY 3/1	LiC		
- 3	60 -120	7.5 GY 3/1	HC		-
L 60 - 1	0 - 30	10 YR 2/2	SiC		<b></b>
- 2	30 - 60	7.5 GY 3/1	LiC	-	
- 3	60 -120	7.5 GY 3/1	HC	sie <b>-</b> inter	
L 61 - 1	0 - 30	7.5 YR 3/1	SiC	7.55	9.66
- 2	30 - 60	7.5 YR 6/1	LiC	7.55	16.28
- 3	60 -120	5 BG 2/1	HC HC	7.65	25.5
- 4	120 -200	5 BG 2/1	nc	- <b>-</b> •	
L 62 - 1	0 - 30	7.5 YR 3/1	LiC	-	**
- 2	30 - 60	7.5 YR 6/1	LiC	in the second	en Sule 🗕 in the Sule Unit of the Transform
- 3 - 4	60 -120 120 -200	7.5 BG 7.5 BG	HC HC		$= \frac{1}{2} \left( \frac{1}{2} + \frac$
an Tables An Anna Anna Anna					
L 63 - 1 - 2	0 - 25 25 - 50	5 YR 5 BG 3/1	LiC HC	7.65 7.55	44.9 45.2
- 2	23 - 30 50 -100	5 BG 3/1	HC	7.5	22.0
- 4	100 -200	5 BG 3/1	HC	-	<b>***</b> 1
L 64 - 1	0 - 25	<b>5</b> YR	HC	7,5	16.6
1 64 - 1 - 2	25 - 50	5 BG 3/1	HC	7.45	19.7
- 3	50 -100	5 BG 3/1	HC	7.45	28.2
L 65 - 1	0 - 25	5 YR 2/2	LiC	7.5	41.5
<u> </u>	0 - 25 25 - 50	10 YR 3/3	HC	7.55	19.0
- 3	50 -100	10 YR 2/2	HC	7.45	39.7
L 66 - 1	0 - 25	5 YR 2/2	HC	7.6	18.9
- 2	25 - 50	10 YR 3/3	HC	7.6	16.0
- 3	50 -100	10 YR 2/2	HC	7.4	9.7
L 67 - 1	0 - 25	5 YR 4/1	LiC	7.5	5.5
- 2	25 - 50	7.5 GY 4/1	HC	7.4	4.2
- 3	50 -100	7.5 GY 4/1	HC HC	7.6	3.9
- 4	100 -200	7.5 GY 4/1	nC.	— Angeneration	en e
		na an taon an t			
an a			- C	ontinued -	
n an chuir ann an Airtean Thaite an thairtean an Airtean					

	- 1	1.1			
		i. Ester			
co	mt	tin	ued	l i	

PIT No. &	· · · · · · · · · · · · · · · · · · ·	SOIL	SOIL		
HORIZON	DEPTH	COLOUR	TEXTURE	pH	EC
	(Cm)		in the second	· · · · · · · · · · · · · · · · · · ·	(mmhos/cm)
				l 199 Alexandria de la composición de la comp	and the second secon
L 68 - 1	0 - 30	5 YR 4/1	LiC		
- 2	30 - 70	7.5 GY 4/1	HC	- <b>-</b>	·
- 3	70 -120	7.5 GY 3/1	HC	-	-
- 4 1	20 -200	7.5 GY 3/1	HC	- 4 - 17 - 1	
· · · · · · · · · · · · · · · · · · ·	0 - 25	7.5 YR	LiC	7.6	12.5
- 2	25 - 50	7.5 YR	HC	7.55	21.2
and the second	50 -100	7.5 YR	HC	7.45	42.5
- 4 10	00 -200	7.5 GY 3/1	HC		
Philip Philip Philip	a Artist a	a na faran an a			
	0 - 30	7.5 YR	LiC		in the second
	30 - 60	7.5 YR	HC		u 🗍 gradu 👘
	50 -120	7.5 GY 3/1	HC	, terres a	•••• ••• •• •• •• ••
	20 -200	7.5 GY 3/1	HC	<b>-</b> .	-
				5 D.F	7 65
	0 - 30	5 YR 2/2	LiC	7.35	7.55
	30 - 60	10 YR 3/3	CL	7.25	9.41
	60 -120	10 YR 2/2	HC	7.55	12.11
- 4 13	20 –200	2.5 Y 3/1	HC		-
	A 50	5 MD 0 /0	<b>T</b> 10		
L 72 - 1		5 YR 2/2	LiC		
- 2		10 YR 2/2	HC HC	i El señes t	
- 3 1	20 -200	2.5 Y 3/1	nc		
L 73 – 1	0 - 50	5 YR 2/2	LiC	· · <b>-</b> ·	. <b></b>
· · · · · · · · · · · · · · · · · · ·	50 -120	10 YR 2/2	HC		
	20 -200	2.5 Y 3/1	HC	at post post post	· _ · · · · · · · · · · · · · · · · · ·
- J I.	20 -200	2.51 3/1			
L 74 - 1	0 - 25	7.5 YR	HC	7.2	9.7
	25 - 50	7.5 YR	HC	7.4	10.5
	50 -100	7.5 GY 3/1	HC	7.5	9.9
and the second	the second se	7.5 GY 3/1	HC		
I 75 - 1	0 - 25	7.5 YR 3/1	HC	7.55	9.5
	25 - 50	7.5 YR 3/1	HC	7.4	10.5
	50 -100	7.5 YR 3/1	HC	7.3	12.4
	00 -200	7.5 YR 3/1	HC		
		an a	and the second second	the state of the	n an an Araba an Araba an Araba
L 76 - 1	0 - 30	7.5 YR 3/1	HC		-
- 2	30 - 60	7.5 YR 3/1	HC	-	
	60 -120	7.5 YR 3/1	HC	-	- 1 · · ·
L 77 - 1	0 - 30	7.5 YR 3/1	HC	-	-
	30 - 60	7.5 YR 3/1	HC	-	· · · · · · · · · · · · · · · · · · ·
- 3	60 -120	7.5 YR 3/1	HC	-	-
					·

SOIL

(Dryland)

PIT No. &

## FIELD TEST RESULTS OF SOIL (Dryland)

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			RESULTS OF	SOIL		
		(pryland)	) in the second state of the first second			
					all for the part of the	
PIT NO. &		SOIL	SOIL			÷ .
HORIZON	DEPTH	COLOUR	TEXTURE	pH	EC	e e ta
	(cm)				(mmhos/cm)	
L 78 - 1	0 - 25	7.5 YR 3/1	HC	7.6	8.9	·
- 2	25 - 50	7.5 YR 3/1	HC	7.45	10.5	
- 3	50 -100	7.5 YR 3/1	HC	7.75	7.3	
		n an an Anna a Anna an Anna an			10.0	
L 79 - 1	0 - 25	7.5 YR 3/1	HC	7.15	12.0	2
- 2	25 - 50	7.5 YR 3/1	HC	7.55	18.5	
- 3	50 -100	7.5 YR 3/1	HC	7.6	11.6	
in a fair state and Tair		Figure 1. States of the second secon second second sec	~ 1 ~	· · ·		
L 80 - 1		7.5 YR	LiC			a te
- 2	25 - 50	7.5 YR	HC	- <b>1</b>		÷ .
<b></b> . 3 .	50 -100	7.5 GY 3/1	HC •			
			- • -		26 1	
L 81 - 1	0 - 30	5 YR 2/2	LiC	7.7	36.1	
- 2	30 - 60	5 GY 4/1	HC	7.45	41.7	
1 <del>-</del> 3 - 1	60 -120	5 GY 3/1	HC	· · ·	-	
L 82 - 1	0 - 30	5 YR 2/2	LiC	. <b>F</b> des		. 11
- 2	30 - 60	5 GY 4/1	HC			
- <b>3</b> that	60 -120	5 GY 4/1	HC	- 1 - <b>-</b>		· . ·
and a second	n an		<b>T :</b> 0	7.6	8.2	1. i e - ;
L 83 - 1		5 YR 2/2	LiC	7.5	9.5	с. 1911 г.
- 2	30 - 60	5 GY 4/1	HC	7.45	10.8	
- 3	60 -120	5 GY 3/1	HC	7.45	10.0	
		/	THO	1		
L 84 - 1	0 - 30	5 YR 2/2	LiC	n in Einstein		
	30 - 60	5 GY 4/1	HC			
- <b>3</b>	60 -120	5 GY 4/1	HC			
		C VD 4/1	LiC	_		
L 85 - 1		5 YR 4/1	HC			
- 2	30 - 60	5 GY 4/1	HC		_	
- 3	60 -120	5 GY 4/1	ne		and the second	
ing tanàng ang ang ang ang ang ang ang ang ang a		5 VD 0/2	LiC	_		
L 86 - 1	0 - 30	5 YR 2/2	HC	-		
i i <b>−</b> -2	30 - 60	5 GY 4/1	HC		-	
- 3	60 -120	5 Gy 3/1	110		and the second second	
	A 30	5 VB	HC	an a		
L 87 - 1	0 - 30	5 YR	нС	e		
- 2	30 - 60	5 YR	HC	_	in the second	
- 3	60 -120	5 YR				11.1
	0 20	5 YR	HC	· <del></del>	<b>-</b>	
L 88 - 1	0 - 30		HC	-		
° s s s s <b>°− 2</b> 1	30 - 60	5 YR 5 YR	нC	<u> </u>	n in <u>L</u> iana inve	
- 3	60 -120	AI C				
				1		

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D-10

D-10

			(Dryla	nd)	:	
	PIT NO. & HORIZON	DEPTH	SOIL COLOUR	SOIL TEXTURE	<u>pH</u>	EC
		(cm)				(mmhos/cm)
						· · · · ·
÷ 4. j	L 89 - 1	0 - 30	5 YR 2/2	LiC	<u> </u>	
	- 2	30 - 60	5 GY 4/1	HC	-	a an
1.1	- 3	60 -120	5 GY 3/1	HC	<u> </u>	<b>_</b>
					1 e .	· · · · · · · · ·
	<b>Ь 90 - 1</b>	0 - 30	5 YR 2/2	LìC	11 <b>-</b> 1	
	- 2	30 - 60	5 GY 4/1	HC	i na serie de la compañía de la comp	a 🚽 a da ser a cara da se
	- 3	60 -120	5 GY 4/2	HC	er <u>s</u> e refere,	-
	्रम् कार्क्षाल				en de la composition	
	L 91 - 1	0 - 30	7.5 YR	HC	7.5	5.2
	- 2	30 - 60	7.5 YR	HC	7.3	9.7
		60 -120	7.5 GY 3/1	HC	7.4	10.6
		an an an an Arran an Arran				
	ь 92 - 1	0 - 30	7.5 YR 3/1	HC	7.5	13.1
$\{r_{i}, \ldots, r_{i}\}$	and the second		7.5 YR 3/1	HC	7.3	13.3
		60 -120	7.5 YR 3/1	HC	7.6	7.9 A A A A A A A A A A A A A A A A A A A
. 1			e di stan e conferencia della del Nationalità della		1. 1.	승규는 물건을 가지 않는다.
	L 93 - 1	0 - 25	7.5 YR 3/1	HC	- 특히 가지	7.4
	- 2	25 - 50	7.5 YR 3/1	HC	7.1	8.0
- 14 1	- 3	50 -100	7.5 YR 3/1	HC	7.35	9.3
	L 94 - 1	0 - 25	7.5 YR 3/1	HC	7.4	10.7
÷.,	- 2	25 - 50	7.5 YR 3/1	HC	7.5	6.8
	- 3	50 -100	7.5 YR 3/1	HC	7.4	4.7
		· .				
	<b>L 95 - 1</b>	0 - 25	7.5 YR 3/1	HC	7.4	14.3
	- 2	25 - 50	7.5 YR 3/1	HC	7.6	12.5
	- 3	50 -100	7.5 GY 3/1	HC	7.3	6.0
	L 96 - 1		7.5 YR 3/1	HC	7.3	15.1
	- 2		7.5 YR 3/1	HC	7.4	13.2
	- 3	60 -120	7.5 GY 3/1	HC	7.2	11.0
11		and and a second se		e et a carde a	in in the second se	
	L 97 - 1	0 - 30	7.5 YR 3/1	HC	₩ .÷ .÷	· · · · · · · · · · · · · · · · · · ·
	- 2	30 - 60	7.5 YR 3/1	HC		an the second
· · .	- 3	60 -120	7.5 YR 3/1	HC		n en
1.1	an an taon an an taon a Taon an taon an t					
	L 98 - 1	0 - 30	7.5 YR 3/1	HC	in <u>an</u> 1999. Ann an An	
	- 2	30 - 60	7.5 YR 3/1	HC	a <del>di</del> sagara	
	- 3	60 -120	7.5 YR 3/1	HC		lan an <mark>-</mark> alatin keralakan pata Sebelah sebelah sebelah pata
• •	and the second second	· 그리고 바람이 가지 않는다. 		an in <u>sea</u> th an sa	7 4	
	<b>L 99 - 1</b>	0 - 30	5 YR	HC	7.4	12.9
5 J	- 2	30 - 60	5 YR	HC		9.8
		60 -120	5 BG 3/1	HC	7.4	10.2
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an de la companya La desensa de la desensa de la companya de la compa D-11

	-	FIELD TED.	C RESOLUTE OF	0011	and the second second	
		(Dryland	<b>i)</b>		en de la composition de la composition La composition de la c	
PIT NO. &		SOIL	SOIL	TI	EC	
HORIZON	DEPTH	COLOUR	TEXTURE	Hq	(mmhos/cm)	••••
	(cm)				(imilioo) only	
			*****		the second second second	
L 100 - 1	0 - 25	5 YR	HC		e de <b>T</b> able (de	
- 2	25 - 50	5 BG 3/1	HC	End.		
- 3	50 -100	5 BG 3/1	HC	••••		
L 101 - 1	0 - 25	5 YR	HC	7.4	40.4	1 - A - A
- 2	25 - 50	5 YR	HC	7.4	50.0	
- 3	50 -100	5 BG 3/1	HC	7.45	32.6	
- 4	100 -200	5 BG 3/1	HC	a th <mark>ai</mark> steach		
				and the		•
L 102 - 1	0 - 25	5 YR 3/1	HC	7.75	15.6	· · · · · · · · · · · · · · · · · · ·
- 2	25 - 50	5 GY 3/1	HC	7.65	17.2	•
- 3	50 -100	5 GY 3/1	HC	7.45	34.7	
- 4	100 -200	5 GY 3/1	HC	- '		
						1
L 103 - 1	0 - 30	5 YR	HC		그는 그 🖉 태어에	
- 2	30 - 60	5 BG 3/1	HC HC	· · · · ·		
- 3	60 -120	5 BG 3/1 5 BG 3/1	HC	<u> </u>	_	
- 4	120 -200	5 BG 5/1	110			
L 104 - 1	0 - 25	5 YR	HC	7.45	41.7	
- 2	25 - 50	5 BG 3/1	HC	7.6	16.7	
- 3	50 -100	5 BG 3/1	HC	7.45	33.3	
	. i strik					
L 105 - 1	0 - 60	5' YR	LiC	- 11 <b>-</b> 11 -		
- 2	60 -120	5 BG 3/1	HC	-	-	
- 3	120 -200	5 BG 3/1	HC			
	e de la compañía de l			7 45	51.5	
L 106 - 1	0 - 25	5 YR	HC	7.45	39.2	
- 2	25 - 50	5 BG 3/1	HC HC	7.55	27.5	н н
- 3	50 -100	5 BG 3/1	nc	,	27.0	and Anna an Anna
t 107 1	0 - 25	5 YR	HC	7.55	12.8	
L 107 - 1 - 2	25 - 50	5 YR	HC	7.5	43.7	1.1.1
- 2	50 -100	5 BG 3/1	HC	7.5	44.0	
eri en la composición de la composición				an an Taona an a	an a	
L 108 - 1	0 - 25	5 YR	HC	7.5	25.6	
- 2	25 - 50	5 YR	HC	7.5	18.7	
- 3	50 -100	5 BG 3/1	HC	7.5	7.5	a de la composition de la comp
	n an tha an t				et also de la composición de la composi Transmissión de la composición de la com	
L 109 - 1	0 - 25	5 YR	HC	en en Transie		
- 2	25 - 50	5 YR	HC		··· _·	· · ·
- 3	50 -100	5 BG 3/1	HC	e te Table	na station	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				and the second second	in the second	

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	rylar			<u>.</u>		
FTELD	TEST	RESULTS	OF SOI	Ľ		
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		 	5 T 1		;	
the second	1.1.1					

(Dr	yland)	
199 - F	The sub-trace of the	
COTT	COTT	177

PTT NO. 6         DEPTH (cm)         SOLL COLOR         TEXTURE TEXTURE         PH         EC (mmh0s/cm)           L 110 - 1         0 - 25         2.5 Y 5/1         HC         -         -           - 3         50 - 100         2.5 GY 3/1         HC         -         -           - 1         0 - 25         2.5 Y 5/1         HC         -         -           - 2         25 - 50         2.5 Y 5/1         HC         -         -           - 2         25 - 50         2.5 Y 5/1         HC         -         -           - 3         50 -120         2.5 GY 3/1         HC         -         -           - 4         120 -200         10 GY 3/1         HC         -         -           - 4         120 -200         7.5 BG 3/1         HC         -         -           - 4         120 -200         7.5 BG 3/1         HC         -         -           - 4         120 -200         7.5 BG 3/1         HC         -         -           - 2         30 -60         10 G 3/1         HC         -         -           - 1113 - 1         0 -30         5 YR         HC         -         -           - 2         30				<b>(</b> Dryla	nd)	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		PIT NO. &	· · · ·	SOTT.	SOTT	
(cm)         (mmhos/cm)           L         110 - 1         0         -25         2.5 Y         5/1         HC         -         -           -3         50         1000         2.5 GY         5/1         HC         -         -           -3         50         1000         2.5 GY         5/1         HC         -         -           -2         25         -50         2.5 Y         5/1         HC         -         -           -2         25         -50         2.5 Y         5/1         HC         -         -           -3         50<-1200         2.5 GY         3/1         HC         -         -         -           -4         120         -200         10 GY         3/1         HC         -         -           -4         120         -200         7.5 BG 3/1         HC         -         -         -           -3         60         120         10 G 3/1         HC         -         -         -           -3         60         120         5 HG 3/1         HC         -         -         -           -3         30         60         7.5 HG 3/1         HC </th <th></th> <th>1</th> <th>DEPTH</th> <th></th> <th></th> <th>pH EC</th>		1	DEPTH			pH EC
L 110 - 1 0 - 25 2.5 Y 5/1 HC		1.01(1.1)01(	No. of Concession, Name of			(mmhos/cm)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				e en la tratación		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	e tra				1 A	— — — <sup>—</sup> <sup>−</sup> <sup>−</sup> <sup>−</sup> <sup>−</sup>
L 111 - 1 0 - 25 2.5 Y 5/1 HC					and the second	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		- 3	50 -100	2.5 GY 3/1	HC	The second se
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		T. 171 = 1	0 - 25	2.5 Y 5/1	HC	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			and the second			n and a second secon
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		- 4				
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	•			· · · · · · · · · · · · · · · · · · ·	(i) A set of the se	7.7 7.8
L 113 - 1 0 - 30 5 YR 3/1 HC						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		- 4	120 - 200	7.5 BG 3/1	нс	a da 🗖 e segur de la trada da 🎽 a particular de la composición
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		T. 113 - 1	0 - 30	5 YR 3/1	HC	a san an a
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				and the second		<u> </u>
L 114 - 1 0 - 30 5 YR HC - 2 30 - 60 7.5 BG 3/1 HC - 3 60 - 120 5 BG 3/2 HC - 2 40 - 120 5 BG 3/1 HC - 3 120 - 150 5 BG 3/1 HC - 3 120 - 150 5 BG 3/1 HC - 3 50 - 100 7.5 BG 3/1 HC - 3 50 - 100 7.5 BG 3/1 HC L 117 - 1 0 - 30 5 YR 3/2 HC 7.0 6.7 - 2 30 - 60 10 YR 4/1 HC - 3 60 - 120 10 GY 3/1 HC L 118 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC  L 119 - 1 0 - 30 5 YR 3/2 HC  - 2 30 - 60 10 YR 4/1 HC      						$\frac{1}{2} = \frac{1}{2} \left[ \frac{1}{2} \left[$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						<u> </u>
L 115 - 1 0 - 40 5 YR HC - 2 40 - 120 5 BG 3/1 HC - 3 120 - 150 5 BG 3/1 HC - 2 25 - 50 7.5 BG 3/1 HC - 2 25 - 50 7.5 BG 3/1 HC - 3 50 - 100 7.5 BG 3/1 HC L 117 - 1 0 - 30 5 YR 3/2 HC 7.0 6.7 - 2 30 - 60 10 YR 4/1 HC 7.1 8.2 - 3 60 - 120 10 GY 3/1 HC L 118 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 118 - 1 0 - 30 5 YR 3/2 HC - 3 60 - 120 10 GY 3/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 3 60 - 120 10 GY 3/1 HC L 120 - 1 0 - 30 5 YR 3/2 HC - 3 60 - 120 N 4/0 HC - 3 60 - 120 N 4/0 HC		- 2				가슴에는 이번 이번에 가슴이 가슴이 있다. 이번에 가슴에 가슴에 가슴이 가슴이 있는 것이 가슴이 있는 것이 있다.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	. ·	- 3	60 -120	5 BG 3/2	HC	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		* 115 1	0 40	Гир	U.C.	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			and the second			
L 116 - 1 0 - 25 5 YR HC - 2 25 - 50 7.5 BG 3/1 HC - 3 50 -100 7.5 BG 3/1 HC L 117 - 1 0 - 30 5 YR 3/2 HC 7.0 6.7 - 2 30 - 60 10 YR 4/1 HC 7.1 8.2 - 3 60 -120 10 GY 3/1 HC L 118 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 118 - 1 0 - 30 5 YR 3/2 HC - 3 60 -120 10 GY 3/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 119 - 1 0 - 30 5 YR 3/2 HC - 2 30 - 60 10 YR 4/1 HC L 120 - 1 0 - 30 5 YR 3/1 HC						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			120 130	5 20 3/2		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		L 116 - 1	0 - 25	5 YR	HC	
L 117 - 1 0 - 30 5 YR $3/2$ HC 7.0 6.7 - 2 30 - 60 10 YR $4/1$ HC 7.1 8.2 - 3 60 -120 10 GY $3/1$ HC L 118 - 1 0 - 30 5 YR $3/2$ HC - 2 30 - 60 10 YR $4/1$ HC - 3 60 -120 10 GY $3/1$ HC L 119 - 1 0 - 30 5 YR $3/2$ HC - 3 60 -120 10 GY $3/1$ HC L 119 - 1 0 - 30 5 YR $3/2$ HC - 2 30 - 60 10 YR $4/1$ HC - 2 30 - 60 10 YR $4/1$ HC - 3 60 -120 10 GY $3/1$ HC - 3 60 -120 10 GY $3/1$ HC - 3 60 -120 N 4/0 HC - 3 60 -120 N 4/0 HC			25 - 50		HC	<b>—</b>
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		- 3	50 -100	7.5 BG 3/1	HC	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		an anti-research anti-re anns anns anns anns anns anns anns anns		an a		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1	the second se				
L 118 - 1 0 - 30 5 YR $3/2$ HC	:				- 1 J. S. S.	7.1 8.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		- 3	60 -120	IU GY 3/I	HC	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1. A	T. 118 - 1	0 - 30	5 YR 3/2	HC	te da de la calencia de la composición
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 - A				A set of	·
L $119 - 1$ 0 - 30 5 YR $3/2$ HC - 2 30 - 60 10 YR $4/1$ HC - 3 60 - 120 10 GY $3/1$ HC L $120 - 1$ 0 - 30 5 YR $3/1$ HC - 2 30 - 60 2.5 Y $3/2$ HC - 3 60 - 120 N $4/0$ HC						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		and a start of the second s Second second				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						an - Charles - C
L 120 - 1 0 - 30 5 YR $3/1$ HC						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		- 3	60 -120	10 GY 3/1	HC	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	÷.,	τ 100 1	0 20	5 VD 2/1	ЧС	
-3 60 $-120$ N $4/0$ HC $-$						
	· ` ·					an a
		~	and the second second	/ -/ -/		
- continued -						
	1.41				- cor	ntinued -
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na strandina in contra constra de la cons La constra de la constra de	i e d		an a			

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FIELD TEST RESULTS OF SOIL

		 (Dry)	.and)		
PIT No. &		SOIL COLOUR	SOIL TEXTURE	рн	EC
HORIZON	DEPTH . (cm)	COIMIR	113211 0103		(mmhos/cm)
	(Cm)				
	and the second				
L 121 - 1	0 - 30	7.5 YR 3/1	HC	7.4	10.2
- 2	30 - 60	7.5 YR 3/1	HC	7.25	12.8
- 3	60 -100	7.5 YR 4/2	HC	**	
- 4	100 -150	7.5 YR 3/2	HC		
		0 C ND 2/2	THO	7.4	5,9
L 122 - 1	0 - 30	2.5 YR 3/2	LiC HC	7.5	6.7
- 2	30 - 60	3.5 YR 3/2	HC	7.7	8.2
- 3	60 -120	10 YR 3/2	ne		
L 123 - 1	0 - 25	2.5 YR 3/2	LiC		
<u> </u>	25 - 50	2.5 YR 3/2	HC	حو	1996 - <mark>-</mark> 1997 - 1997
- 2	50 -100	2.5 YR $3/2$	HC	-	-
L 124 - 1	0 - 30	7.5 YR 3/1	HC	7.65	32.6
- 2	30 ~ 60	5 YR 3/2	HC	7.5	34.3
- 3	60 -120	5 YR 3/2	HC	7.6	38.9
n an suite Tha an suite				1.1.2.2.1.2.	
L 125 - 1	0 - 30	7.5 YR 3/1	LiC	<u> </u>	
- 2	30 - 60	7.5 YR 3/1	HC	-	••••
- 3	60 -120	7.5 YR 4/2	HC		na na Santa Sa Ang ang ang ang ang ang ang ang ang ang a
		2.5 YR 3/2	HC	<u> </u>	_
L 126 - 1 - 2	0 - 30 30 - 60	2.5 YR 3/2	HC	11 · 제 <u>부</u> 합 1 · ·	-
- 3	60 -120	7.5 YR $4/2$	HC		
- <b>J</b>	00 700				
L 127 - 1	0 - 30	2.5 YR 4/1	HC	7.5	7.9
- 2	30 - 60	2.5 YR 4/1	HC	7.7	9.2
- 3	60 -120	5 YR 3/2	HC	-	in the second
1	an a				
L 128 - 1	0 - 30	2.5 YR 3/2	HC		
- 2	30 - 60	2.5 YR 3/2	HC	·	
- 3	60 -120	7.5 YR 3/2	HC	a da <mark>a</mark> lere a	e Elektronisti
	0 20	7.5 YR 2/3	SiCL		-
L 129 - 1	0 - 30 30 - 60	7.5 YR 2/3 7.5 YR 3/4	SiC		-
- 2 - 3	30 = 80 60 - 120	7.5 YR $4/3$	SiC		<u> </u>
- 3	00 I20			a sa	
L 130 - 1	0 - 30	7.5 YR 2/3	SiCL	7.2	6.6
<u>ы 130 – 1</u> – 2	30 - 60	7.5 YR 3/4	SiC	7.4	8.1
- 3	60 -120	7.5 YR 4/3	SiC	7.6	9.8 ·
L 131 - 1	0 - 30	10 YR 4/1	HC	84 - S M - S E	n og til samma som
- 2 <sub>0</sub> - 3	30 - 60	10 YR 4/1	HC	i ana ini ini ini ini ini ini ini ini in	
- 3	60 -120	5 YR 3/1	HC	e i 📅 Ne es	
	and a start of the second s			continued -	
an 1997. Alama				n an an an an Arthread an A Arthread an Arthread an Arthr	and and an and an and an and an
	•	А-74			

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A-74 <u>0</u>-/= particular a substantia de la constante de la constante

· · ·		FIELD TES	ST RESULTS OF	SOIL	
· · · ·		(Dryland		· .	
PIT_No. &		SOIL	SOIL		
HORIZON *	DEPTH (cm)	COLOUR	TEXTURE	<u>pH</u>	EC (mmhos/cm)
1 132 - 1	0 - 10	5 YR 3/1	HC	7.15	9.3
- 2	10 - 50	5 YR 3/1	HC	1 1 <del>4</del> 1 1 4 5	
- 3	50 - 90 90 - 200	5 YR 3/2 5 YR 3/2	HC HC	<u> </u>	
-					
L 133 - 1	0 - 30	5 YR	HC	7.45	39.4
- 2	30 - 60	5 YR	HC	7.35	40.6
- 3	60 -120	5 YR	HC	7.25	42.1
L 134 - 1	0 - 30	5 YR 3/1	HC	7.55	19.4
- 2	30 - 60	5 YR 3/1	HC	7.5	25.9
- 3	60 -120	5 YR 3/2	HC	7.45	13.8
L 135 - 1	0 - 30	5 YR	HC		<b>_</b>
- 2	30 - 60	5 YR	HC	<u> </u>	_
~ 3	60 -120	5 YR	HC	-	
	0 00				7.0
L 136 - 1 - 2	0 - 30 30 - 60	5 YR 3/1 5 YR 3/1	HC	7.6 7.4	7.9 9.3
- 3	60 -120	5 YR 3/2	HC	7 <b>1 1</b> 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
L 137 - 1	0 - 30	5 YR 3/1	HC	1 <u>1</u> 1	<u>.</u>
- 2	30 - 60 60 -120	5 YR 3/1 5 YR 3/2	HC HC	_	
- 5	00 -120	5 24 5/6		a tha ann a'	
L 138 - 1	0 - 30	5 YR 3/1	HC	- <u>-</u> 1	-
- 2	30 - 60	5 YR 3/1	HC		<b>-</b>
- 3	60 -120	5 YR 3/2	HC		anger 🛥 Constant. S
L 319 - 1	0 - 30	5 YR 3/1	HC	$r = \frac{1}{2} d_1 + c_2^2$	
- 2	30 - 60	5 YR 3/1	HC	. <del>.</del> .	
- 3	60 -120	5 YR 3/2	HC		
L 140 - 1	0 - 30	7.5 YR 4/2	HC	7.6	20.5
- 2	30 - 60	5 YR 5/1	HC	7.65	7.1
- 3	60 -120	2.5 GY 3/1	HC	7.25	10.9
- 4	120 -200	2.5 GY	HC	Ar Chu 1970 - Parka Chu	-
ר בער	0. 20	10 ער כי אי 10	НС		_
L 141 - 1 - 2	0 - 30 30 - 60	10 YR 3/2 7.5 GY	HC HC		
- 3	60 -120	5 YR 3/1	HC		
L 142 - 1	0 - 30	10 YR 3/2	HC	n de l <b>es</b> de la color. En la <u>co</u> nservação	i de la companya de l Nome a companya de la c
- 2 - 3	30 - 60 60 -120	7.5 GY 5 YR 3/1	HC HC	e Eriki	
	line protections		- c	ontinued -	
	and a second				1
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e di ana. A					· · · · ·

(Dryland)

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					a sha da sa ta a
PIT No. &		SOIL	SOIL		EC
HORIZON	DEPTH	COLOUR	TEXTURE	рН	(mmhos/cm)
	(cm)				(minios/cm)
L 143 - 1	0 - 30	5 YR 3/1	HC	-	<b></b>
- 2	30 - 60	5 YR 3/1	HC	en e	
- 3	60 -120	5 YR 3/2	HC	in the second	
			a a ser e ser e		: .
L 144 - 1	0 - 30	5 YR 3/1	HC	-	<b>–</b>
- 2	30 - 60	5 YR 3/1	HC		-
- 3.	60 -120	5 YR 3/2	HC	-	
L 145 - 1	0 - 30	7.5 YR	SiCL	7.55	18.35
- 2	30 - 60	7.5 YR	L	7.25	19.42
- 3 - 4	60 -120	7.5 YR	SiCL	7.15	20.7
- 4	120 -200	7.5 YR	HC		바이 가 주말하는 것이 가 있는
	1				en en <u>e</u> ntra tra en en en el entre
L 146 - 1	0 - 30	7.5 YR 3/3	SiC	-	
- 2	30 - 60	7.5 YR 3/3	SiC		
- 3	60 -120	7.5 YR 3/2	LiC	<b>-</b>	
				· · · · · ·	
L 147 - 1	0 - 30	7.5 YR 3/3	SiC	e Tanana ang kang sa	en en <u>el</u> e maren en el
- 2	30 - 60	7.5 YR 3/3	SiC		
- 3	60 -120	7.5 YR 3/2	LiC	the Factor	
		9 E VD 3/1	LiC	7.7	39.4
L 148 - 1	0 - 30	7.5 YR 3/1	HC	7.4	20.6
· · · · 2	30 - 60	7.5 YR 3/1	HC	7.55	37.4
- 3	60 -120	7.5 YR 4/2	ne		
	0 20	7.5 YR 3/1	LiC	· · · ·	-
L 149 - 1	0 - 30 30 - 60	7.5 YR 3/1	HC	-	
- 2	30 - 80 60 -120	7.5 YR 4/2	HC		<b>#</b> 2
- 3	00 -120	1.5 11 114			
- 150 3	0 - 30	7.5 YR 3/1	LiC	-	
L 150 - 1 - 2	30 - 60	7.5 YR 3/1	HC		<b>–</b>
- 3	60 -120	7.5 YR 4/2	HC		
- J	00 120		an a		
<b>ь 151 - 1</b>	0 - 30	5 YR 4/2	HC	7.3	12.1
- 2	30 - 60	10 YR 3/2	HC	7.5	11.5
- 3	60 -120	10 YR 2/2	HC	7.4	10.5
- 5					
L 152 - 1	0 - 30	10 YR 3/2	HC	en e	<b>-</b>
- 2	30 - 60	10 YR 3/2	HC	<del></del>	-
- 3	60 -120	N 3/0	HC		
	ی ایران ایران می مرکز ایران				110
L 153 - 1	0 - 30	10 YR 2/3	HC	7.3	11.8
- 2	30 - 60	10 YR 2/3	HC	7.1 7.2	9.7 8.4
- 3	60 -120	2.5 GY 3/2	HC	1.2	
- 4	120 -200	2.5 GY 3/1	HC		
		a da ser da s	n sa sa sa sa		
			an a	continued -	_
	이 가지 않는 것을	energi e servizione		CONCERNER -	
	e Al de la de la defini				
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				and the second	and the second

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## FIELD TEST RESULTS OF SOIL (Dryland)

	·	t y ta st					• •	a serie a				
					•	FIELD 7	rest	RESULTS C	OF SOIL			
						(Dry	land)		n De staar van de staa De staar van de staar		· .	1
-	PIT   HOR12	No. LON	& DE	PTH		SOIL OLOUR		SOIL TEXTURE	pH		с	• .
		i li di Juli I	(c	m)			•	an de la companya Angle angle ang	ta a	(mmhc	s/cm)	
			2011 - 1		1				· · · ·			1 e
	L 154			- 30 - 60		YR 3/2 YR 3/2		HC	7.4 7.4	12. 10.		
			(1) A. A. A. A. A.	-120		GY 3/2		HC HC	7.4			
		: <b></b> -		-200		SY 3/2		HC	-	-	•	• •
				·	· · ·						et al.	e e
	ь 155			- 30		(R 3/2		HC	7.3			
			· · · · · · · · · · · · · · · · · · ·	- 60 -120		(R 3/2 GY 3/2		HC HC	7.4 7.45			
		_		-200		GY 3/2		HC				· .
	4	i. Porta						all the second	RA IN			
	ь 156			- 30		(R 3/2	· .	HC	-	tyri ir i <mark>sm</mark> T		
-	•	- :		- 70		(R 3/2)		HC				
	. :			-120 -200		GY 3/2 GY 3/2		HC HC				· .
			. 100	200			: 1					14 - AL
	L 157			- 30		(R-2/3		HC	7.4	and the second		
-				- 60		(R 2/3		HC	7.4	9.		
	· · ·			-120 -200		(R 2/3 ( 4/1		HC HC	7.5	7	2 .	
		- •	* 120	-200	10 1	· -=/ I			an an taon an t Taon an taon an t			
	ь 158		1 0	~ 30	10 Y	ZR 2/3		HC	_		that is	
		- 2		- 50		/R 2/3		HC		· _		
	1. J. J.	-		-170 -240		(R 2/3 ( 4/1		HC HC	. <b>.</b>	· · ·	•	
•	· .		4 I/U	-240	10 1	L •#/ L	· · · .	IIC .				
	ь 159	11	L O	- 30	5 Y	R 2/2		HC	7.3	11.	2	1 sec
			1 · · · · · · · · · · · · · · · · · · ·	- 60		R 3/2		HC	7.6	10.		
	· · ·	- 3		-120		(R 3/2)		HC	7.5	9.	4	· · · ·
1		- 4	± 120	-200	TO 7	2 3/1		HC	🗕			1. A. A.
	L 160	- j	1 0	- 30	10 Y	R 2/3		HC	<del>.</del> .			
	ана 19			- 60		R 2/3		HC	· – * , *			
		+	3 60	-120	10 Y	/R 2/3	:	HC	<b>-</b>			
	L 161	_ 1	1 0	- 30	10 Y	R 2/3		HC	7.3	7.	5	· . ·
				- 60		'R 2/3		HC	7.45			
	· · ·	`.	3 60	-120	10 Y	R 2/3		HC	7.4	13.	2	
· ·	T 100		· · ·	20	10.3	an 9./2		HC				· ·
	L 162			- 30 - 60		'R 2/3 'R 2/3	1997 - 19	HC				· · · ·
. •				-120		R 2/3		HC	. <del></del>		1 - A	and a second
	· .		·		· .						energi d	
	L 163	-		- 30		/R 3/1		HC		alada a 📅 Alama a Ala	en e	
- 	11			- 80 -120	7.5 1	z 3/2 z 3/1		HC LiC				· · · · ·
. •				120	· · J ]						t e	an an trainn Na Chairtean an S
			. ·	it -	n an						e de la composition a provinción de la composition de la co	
	. *	· .							continue	d –		in di Angela. Agina

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		(Dryla	and)			
PIT No. & HORIZON	DEPTH	SOTL COLOUR	SOIL TEXTURE	pH	EC (mmhos/cm)	
	(cm)		· ·		(mantos/cm/	i e Santa
and the second					17.1	
L 164 - 1	0 - 30	10 YR 3/1	HC	7.6	13.1	
<b>-</b> 2 .	30 - 60	7.5 GY 3/1	HC	7.4	8.2 4.4	
- 3	60 -120	7.5 GY 3/1	HC	7.25	4.4	
- 4	120 -200	7.5 GY 3/1	HC			
L 165 - 1	0 - 30	10 YR 3/1	HC	e s <u>i</u> sse e	· _ · · · ·	· .
L 105 - 1 - 2	30 - 60	7.5 GY 3/1	HC		-	
- 2	60 -120	7.5 GY 3/1	HC		-	
- J	00 120	110 01 07 1				
L 166 - 1	0 - 50	10 YR 3/1	LiC		- 1	: .
- 2	50 -100	7.5 GY 3/1	LiC	-		an an an an a' a' Taonachta
- 3	100 -120	7.5 GY 3/1	HC	-	-	
	n De Carabija				0.0	:
L 167 - 1	0 - 30	5 YR 2/2	HC	7.7	8.0	
- 2	30 - 60	7.5 YR 3/2	HC	7.3	5.9 8.2	
- 3	60 -120	5 YR 3/2	HC	7.8	0.2	
		10 10 2/1	80	-	str <u>a</u> l status	
L 168 - 1	0 - 30	10 YR 3/1	HC HC	· _ · · · ·	_	i
- 2	30 - 60	7.5 GY 3/1 7.5 GY 3/1	HC		en la companya da serie da se	
- 3	60 -120	7.5 GI 3/I	iic.			
L 169 - 1	0 - 30	5 YR 3/2	SiC	7.15	9.7	
L 109 - 1 - 2	30 - 60	7.5 GY 3/1	SiC	7.0	6.8	
- 3	60 -120	7.5 GY 3/1	LiC		<u> </u>	$\{1,\ldots,n,n\}$
				a de trace Hanada		
L 170 - 1	0 - 30	5 YR 3/2	SiC	7.05	55.5	
- 2	30 - 60	7.5 GY 3/1	SiC	7.15	49.7	
- 3	60 -120	7.5 GY 3/1	LiC	7.25	48.5	
			en de la companya de La companya de la comp	7.3	9.5	
L 171 - 1	0 - 30		an the second second	7.6	5.8	
- 2	30 - 60			÷ .		
- 3	60 -120	n an la del				
	0 20	5 YR 4/1	HC	7.5	6.8	
L 172 - 1	0 - 30 30 - 60	7.5  GY  4/1	HC	7.55	8.4	
- 2	30 - 60 60 -120	7.5 YR	HC		-	an born. An an
- 3 - 4	120 -220	10 Y 4/1	HC		1	
	120 220		1997 - Marine Marine			

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M-1

		(Lake)	RESULTS OF		
PIT No. &		SOIL	SOIL.		
HORIZON	DEPTH	COLOUR	TEXTURE	<u>pH</u>	EC (mmhos/cm)
	(cm)				(numos/cm)
M1-1	0 - 15	10 G 3/1	SiC	7.35	17.0
- 2	15 - 50	10 G 4/1	SICL	7.4	10.45
- 3	50 -100	10 G 4/1	SiC	7.3	12.7
- 4	100 -150	5 GY 4/1	HC	n an	
and the second			and a second		
M 2 - 1	0 - 25	10 G 3/1	SICL	7.4	20.8
- 2	25 - 50	10 G 4/1	SiC	8.05	6.75
- 3	50 - 80	10 G 4/1	SiC	7.8	11.8
			ator		8.2
M 3 - 1	0 - 15	10 G 3/1	SiCL	7.55	4.52
- 2	15 - 58	10 G 4/1	SiC	7.55	25.2
i <b>−</b> 3 <sub>1</sub>	58 - 73	10 G 4/1	SiC	7.2	<b>23.2</b>
		1. 10 A 20 EVA	T C -	7 /	5,8
M4-1	0 - 30	10 G 3.5/1		7.4	4.96
- 2	30 -100	10 G 3.5/1	HC	7.6	13.3
- 3	100 -115	10 G 4/1	S SiC	7.1	
- 4	115 -140	10 G 4/1	SIC	-	
	0 20	10 0 2 5 /1	SiC	7.25	19.4
M 5 - 1	0 - 30	10 G 3.5/1		7.95	11.9
- 2	30 - 67	10 G 4/1	SiC SiC	7.9	14.6
- 3 - 4 - 5	$\begin{array}{r} 67 - 120 \\ 120 - 170 \end{array}$	10 G 4/1 10 G 4/1	SiC	-	-
	170 -195	$     \begin{array}{cccc}       1 \\  $	ŠIČL SIC	7.6	15.7
M6-1	0 - 30			7.65	8.94
- 2	30 - 70	10 G 3/1	SiC		14.54
- 3	70 -120	10 G 4/1	SiCL	7.8	
- 4	120 -135	10 G 3.5/1	SiCL		
	135 -150	10 G 3.5/1	HC		
		5 OV 4/1	COT	7.25	10.95
M 7 - 1	0 - 30	5 GY 4/1	SCL	7.45	13.1
- 2, = =	30 - 60	7.5 Y 4/1	SC	7.55	15.5
- 3	60 -120	10 Y 5/1	HC	7.5	19.8
- 4	120 -150	10 Y 5/1	HC		
	0 20	5 GY 4/1	SCL	7.5	14.55
M 8 - 1	0 - 30	7.5 Y 4/1	нС	7.45	25.6
- 2	30 - 60	10 Y 5/1	HC	7.5	12.3
- 3	60 -120	10 Y 5/1	HC	7.65	12.5
- 4	120 -150	10 1 3/1	ne		
м 9 – 1	0 - 30	7.5 GY 4/1	SCL	7.25	36.5
M9-1	30 - 50 30 - 60	7.5 GY 4/1	HC	7.4	19.0
- 4	60 - 120	5 Y 4/1	HC	7.5	16.2
	00 - 120	in the second		e ales	an a
		$\sum_{i=1}^{n-1} \left( \frac{1}{2} - \frac{1}{2} \right) = \sum_{i=1}^{n-1} \left( \frac{1}{2} - \frac{1}{2} \right) = \sum_{i$		continued	
· · · · ·		an a	(	concinuea	=
		$= \{1, 2, \dots, n\}$	a de la de la composición de la composi	na an an Argana an tao	<ul> <li>Association of the state</li> </ul>
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	e de la composition d	A-79			
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		(Lake)				
PIT No. &	DEPTH	SOIL COLOUR	SOIL TEXTURE	рН	EC	4 A. A.
HORIZON	(cm)			<b>t</b>	(mmhos/cm)	
M 10 - 1	0 - 30	5 G 4/0	SiCL	7.5	12.0	
- 2	30 - 60	5G 4/0	SiCL	7.15	13.4	ee în tee
- 3	60 -120	N 4/0	HC	7.7	5.0	
M 11 - 1	0 - 30	5 GY 4/1	SiCL	7.8	9.8	
- 2	30 - 80	5 GY 4/1	SiC	7.4	10.19	
- 3	80 -130	10 GY 3/1	SiC	7.75	21.7	
	<b>A A</b>	10 W 2/1	<b>T</b>	6.9	12.1	
M 12 - 1	0 - 30	10 Y 3/1 10 GY 4/1	L CL	7.4	7.5	en in Uthe
- 2 - 3	30 - 60 60 -120	10 GY 4.5/1	SiCL	7.15	40.8	
	0 50	7 5 6 7 471	CL	7.05	10.3	
M 13 - 1	0 - 50 50 -110	7.5 GY 4/1 10 GY 4/1	LiC	7.4	6.13	
- 2 - 3	110 -130	5 G 2/1	HC	7.9	12.2	
- 4		5 G 4/1	SiC	7.4	6.13	
			COT	7.05	18.85	
M 14 - 1	0 - 15 15 - 65	5 G 5/1 5 G 4/1	SCL SiC	7.15	17.9	
- 2 - 3	65 - 90	5 G 3/1	SiC	7.6	3.1	
- 4	90 -120	10 G 4/1	SiC	7.6	10.0	
м 15 - 1	0 - 30	2.5 GY 4/1	CL	6.85	29.1	:
- 2	30 - 50	10 GY 4.5/1	SCL	7.05	12.6	
- 3	50 - 85	10 GY 5/1	HC	7.6	10.8	
- 4	85 -110	5G 2/1	HC	7.6	8.0	
M 16 - 1	0 - 40	10 G 3/1	SiCL	7.35	1.92	
- 2		10 G 3/1	SiCL	7.65	3.99	la de la composición de la composición Composición de la composición de la comp
- 3	125 -150	5G 4/1	SiC	7.75	6.9	
м 17 — 1	0 - 25	10 G 4/1	нс	7.05	11.2	
- 2	25 - 70	5 G 4/1	$\mathbf{SL}$	7.2	14.6	1.
- 3	70 -130	5 G 3/1	SC	7.8	8.5	
M 18 - 1	0 - 50	5 GY 3/1	Ľ	7.3	31.5	
- 2	50 -110	7.5 GY 4/1	SL	7.4	15.5	
- 3	110 -135	7.5 GY 3/1	HC		12 6	· · · · · · ·
- 4	135 -160	10 GB 3/1	LS	7.4	13.6	
M 19 - 1	0 - 30	2.5 GY 4/1	SL	7.4	13.95	a de tata
- 2	30 - 50	10 GY 4/1	SiL	7.4	18.15	
- 3	50 - 80	2.5 GY 3/1	CL	7.1	12.6	
- 4	80 -130	5 G 3/1	HC		· · ·	
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	•		RESULTS OF	SOIL	
and and a second se		(Lake			
PIT NO. &	DEPTH	SOIL COLOUR	SOIL TEXTURE	Hq	en e
HORIZON	(cm)	CONSOR			(mmhos/cm)
M 20 - 1	0 - 30	5 G 4/1	SCL	7.1	21.8
- 2	30 - 60	5 G 4/1	SiC	7.4	9.0
- 3	60 - 85	5 G 4/1	SiC	7.4	4.0
- 4	85 -130	5 G 3/1	HC	7.0	3.0
M 21 - 1	0 - 38	5 G 4/1	SCL		
- 2 - 3	38 - 60 60 -100	5 G 4/1 10 G 4/1	SC CL	7.2 7.3	8.5 6.0
- 4	100 -150	5 G 3/1	SICL	7.6	4.2
M 22 - 1	0 - 35	5 G 4/1	CL		
M 22 - 1 - 2	35 - 60	5 G 4/1	CL	ies.	
- 3	60 -120	5 G 3/1	CL	7.2	17.6
	120 -140	5 G 3/1	SiC	7.4	6.0
M 23 - 1	0 - 50	7.5 Y 4/1	SiC	7.5	3.8
- 2 - 3	50 -100 100 -112	10 GY 4/1 5 g 4/1	SCL SiCL	7.2 7.4	3.8 26.0
- <b>3</b>	112 -139	5 G 3/1	SCL	7.5	12.65
- 5	139 -170	5 G 4/1	SL	7.2	285
M 24 - 1	0 - 25	10 G 4/1	SL	<u> </u>	
- 2	25 - 70 70 - 81	10 G 4/1	SCL		an an Antaria an Antaria. Anns an <u>a</u> nasan an Antaria
- 3 - 4	70 - 81 81 -126	10 G 4/1 5 G 4/1	SL SL	7.2	9.0
M 25 - 1 - 2	0 - 35 35 - 84	5 G 4/1 10 G 4/1	LS SiC	7.3	11.5
- 3	84 -100	10 G 4/1	SL	7.6	6.5
- 4	100 -160	5 G 4.5/1	S	7.5	21.0
M 26 - 1	0 - 25	5 G 4/1	SiCL	<b>41</b>	
- 2	25 - 50 50 70	5 G 4/1 5 C 4 5/1	SiCL	7.5 7.7	10.5 12.0
3 4	50 - 70 70 -128	5 G 4.5/1 5 G 4/1	SiC SiC		
- 5	128 -135	5 G 3/1	S	7.7	18.5
м 27 - 1	0 - 23	10 G 4/1	SiCL	_	
- 2	23 - 75	10 G 4/1	SiC	7.6	15.0
- 3	75 -132 132 -170	5 G 3/1 5 G 2.5/1	L SiC	7.25 7.15	25.2 25.0
<b>4</b>	T02 -1/0	J G Z.J/I:		· · · · · · · · · · · · · · · · · · ·	
•			- c	ontinued -	
		an a	Andreas (1997) - Andreas (1997) Andreas (1997) - Andreas (1997) Andreas (1997) - Andreas (1997)	un un de la composition notae	
		A-81		tagan Tanàna taona taona	and a state of the second

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	in a state of the second s	FIELD TEST	RESULTS OF	SOIL	
	r de la companya de La companya de la comp La companya de la comp	(Lake)	n hara an an an an Anna an Anna an Anna Mhara an Anna an Anna		
PIT No. &		SOIL	SOIL	will	EC
HORIZON	DEPTH (cm)	COLOUR	TEXTURE	_ <u>pH</u>	(mmhos/cm)
	an an an Anna Anna Anna Anna Anna Anna			역 전에는 1000년 100년 1000년 1월 11일 - 1	en e
M 28 - 1	0 - 40 40 - 60	10 G 3.5/1 10 G 4/1	SL L	6.95 7.05	19.42 17.21
- 12 statisticae - 3 €	60 -125	10 G 4/1	SiC	7.25	16.68
- 4	125 -200	10 G 2.5/1	SiC	7.75	11.63
M 29 - 1	0 - 40	10 G 4/1	Г	7.85	16.83
- 2	40 - 75	10 G $\frac{4}{1}$	SiC	7.45	19.28 29.3
- 3	75 -125 125 -200	5 G 3/1 10 G 3.5/1	HC SiC	7.25	14.3
		n an ann an Arland. An Anna Arland Anna Anna Anna Anna Anna Anna Anna A	""""""。 "我们的我们的是你们		
M 30 - 1	0 - 22	5 G 4/1	SiCL SiC	7.55 7.55	22.2 65.0
- 2 - 3	22 - 75 75 - 92	10 G 4/1 10 G 3/1	SiC	6.65	34.2
- 4	92 -160	10 G 3/1	L	6.85	16.41
- 5	160 -165	10 G 3/1	SL	7.05	26.9
M 31 - 1	0 - 30	10 G 4/1	SiC	7.8	5.4
- 2	30 - 72	10 G 3/4	SiC SiC	7.6 7.6	13.5 20.7
- 3	72 - 90 90 -160	10 G 4/1 5 GY 3/1	SiC	-	
	0 50	5 G 4/1	SCL	7.6	18.24
M 32 - 1 - 2	0 - 50 50 - 95	10 G 4/1	SCL	7.6	35.25
- 3	95 -125	10 G 3/1	SCL	7.7	32.0 14.24
- 4 - 5	125 -142 142 -180	10 G 3/1 10 G 3/1	HC SiCL	7.85 6.95	25.8
					12 0
M 33 - 1	0 - 30	10 G 3/1 10 G 4/1	SiCL SiC	7.8 7.7	12.0 7.4
- 2 - 3	30 - 95 95 -130	10 G 4/1 10 G 4/1	SiC	7.85	14.7
- 4	130 -200	10 G 2/1	SiC	-	
M 34 ÷ 1	0 - 50	5 G 4/1	SiCL	7.8	22.7
- 2	50 - 68	10 G 4/1	SiC	7.9 7.7	13.2 11.4
- 3	68 -110	5 G 3.5/1	HC		
M 35 - 1	0 - 30	10 G 4/1	SiCL	7.4	12.9
- 2	30 - 52 52 - 80	10 G 4/1 5 BG 3.5/1	SiCL HC	7.7 7.45	7.8 5.91
<b>- 3</b>	52 - 80				14.0
M 36 - 1	0 - 30	10 G 4/1	SiCL SiC	7.65 7.4	14.9 7.8
- 2 - 3	30 - 78 78 -100	10 G 3/1 7.5 GY 4/1	HC	7.7	16.4
	i dan 1934 San San San San San San San San San San	ente provincia de la construcción d La construcción de la construcción d		continued -	
	i sa kabusaka u				
	a anti il fina kan ji	A-82			
	anta di sila. Secondari di sila	R-02			

# M-5 FIELD TEST RESULTS OF SOIL (Lake)

PIT NO. & HORIZON	DEPTH (cm)	SOIL COLOUR	SOIL TEXTURE	Hq_	EC (mmhos/cm)
¥ 77 1	0 - 25	7.5 GY 4/1	SiCL	7.4	11.0
M 37 - 1	0 = 25 25 - 51		SiC	7.5	12.1
- 4	51 <b>-</b> 130	10 G 3/1	HC	7.4	14.2
	JI 130	10 0 0/1		a filipitation	
M 38 - 1	0 - 30	10 GY 4/1	SiC	7.7	13.3
- 2	30 - 80	10 GY 4/1	SiC	7.5	12.1
- 3	80 -120	10 G 4/1	HC	7.5	11.8
M 39 - 1	0 - 25	10 GY 4/1	SiC	7.6	
- 2	25 - 80	10 GY 4/1	SiC	7.55 7.65	12.4 22.5
- 3	80 -125 125 -150	10 GY 4/1 5 G 4/1	SiC HC	/.05	
	120 - 100	2.2 4/1			
M 40 - 1	0 - 35	10 G 3/1	SiCL	7.45	10.45
- 2	35 - 53	5 G 4/1	SiC	7.2	7.5
- 3	53 -115	5 G 4/1	SiC	7.1	12.9
- 4	115 -150	10 G 4/1	SiC	의 <u>활</u> 작품이 (*	
		n an an Anna a Anna an Anna an			
M 41 - 1	0 - 38	5 G 3/1	SiCL	7.7	7.35
- 2	38 - 85	5 G 4/1	SiC	7.6	8.7 5.7
- <b>3</b> - <b>3</b>	85 -100	5 G 2.5/1	HC	7.6	
M 42 - 1	0 - 40	5 G 4/1	SiCL	7.75	6.38
- 2	40 - 60	10 G 4/1	SiC	7.8	22.5
- 3	60 - 80	10 G 3/1	HC	7.75	3.52
	an a				
$M \ 43 \ - \ 1 \ - \ 2$	0 - 30	5G 4/1	SiCL	7.2	14.0
- 2	30 - 60	5 G 4/1	SiC	7.8	11.49
- 3	60 -100			8.0	4.0
M 44 - 1	0 - 45	5 G 3/1	SiCL	7.8	21.4
- 2	45 ~ 75	5 G 4/1	SiC	7.6	19.4
- 3	75 - 85	5 G 2.5/1	HC	7.4	5.05
M 45 - 1	0 - 30	10 G 3/1	SiCL	7.4	11.2
- 2	30 - 75	10 G 3/1	SiC	7.6	18
- 3	75 -105	10 G 3.5/1	HC	7.2	7.8
	0 0F	E (1 4/1	SiCL	7.3	<b>5.5</b>
M 46 - 1	0 - 35 35 - 75	5 G 4/1 5 G 4/1	SICL	7.3 7.8	7.6
- 2 - 3	35 - 75 75 -100	5 G 4/1	HC	7.8	17.6
	,3 -100				
M 47 - 1	0 - 58	5 G 5/1	SiCL	7.3	32.4
- 2	58 - 81	10 G 4/1	SiC	7.95	7.33
- 3	81 -105	10 G 3/1	SiC	7.7	3.8
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				e di 1999. Angli shi ta kara	a da ang ang ang ang ang ang ang ang ang an

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		(Lake)	RESULTS OF	2011	
		SOIL	SOIL	e e References	
PIT NO. & HORIZON	DEPTH	COLOUR	TEXTURE	pH	EC
and the second	(cm)				(mmhos/cm)
M 48 - 1	0 - 25	10 G 3/1	SiCL	7.3	8,96
- 2	25 - 75	5 G 4/1	SiC	7.6	19.8 4.77
<b>- 3</b>	75 -105	5 G 2.5/1	SiC	7.7	<b>62 ÷ 4</b> ℓ
M 49 - 1	0 - 30	2.5 GY 4/1	SiCL	7.6	7.57
- 2	30 - 80	10 GY 4/1 10 G 2.5/1	SiC	7.4	7.9 8.2
	80 -100	10 G 2.5/1	SiC	7.6	0.2
M 50 - 1	0 ~ 30	5 GY 4/1	SiCL	7.25	7.3
- 2		7.5 GY 4/1	SiC	7.65	3.8
1, 1, <b>3</b> , 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	75 -125	5 G 3.5/1	HC	7.4	<b>7.1</b>
M 51 - 1	0 - 50	10 GY 4/1	SiCL	8.0	3.53
- 2	50 - 90	10 GY 4/1	SiC	7.8	8.81
- 3	90 -100	10 G 3/1	SiC	7.7	10.4
M 52 - 1	0 ~ 40	10 G 4/1	SiCL	7.7	9.15
- 2	40 - 85	10 G 4/1	SiC	7.5	23.0
- 3	85 -100	10 G 3/1	SiC	7.7	4.95
M 53 - 1	0 - 25	5 G 4/1	SiCL	7.8	10.8
- 2	25 - 75	5 G 4/1	SiC	7.7	8.78
- <b>3</b>	75 -100	10 G 3/1	SiC	7.6	6.9
M 54 - 1	0 - 40	10 G 3/1	SiCL	7.6	10.1
- 2	40 - 85	5 G 4/1	SiC	7.85	11.89
- <b>3</b> .000 - 1990-1990	85 -100	5 G 2.5/1	HĊ	7.95	12.91
M 55 - 1	0 - 45	10 G 4/1	SiCL	7.1	11.9
- 2 <sup>-</sup> 2	45 - 80	10 G 4/1		7.3	6.1
- <b>3</b>	80 -120	10 G 4/1	HC	7.75	2.6
M 56 - 1	0 - 30	10 G 4/1	SiC	7.2	2.6
- 2	30 - 75	10 G 4/1	SiC	7.6	2.75
<b>– 3</b>	75 –100	10 G 3/1	SiC	7.7	3.81 (1997) 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -
м 57 — 1	0 - 35	10 G 4/1	SiCL	7.5	10.6
- 2	35 - 70	10 G 4/1	SiC	7.4	9.5
<b>- 3</b>	70 -105	5 G 3/1	HC	7.85	8.11
M 58 - 1	0 - 45	7.5 GY 4/1	SiCL	7.75	3.92
- 2	45 - 80	7.5 GY 4/1	SiC	7.85	7.97
- 3	80 -100	5 G 3/1	HC	7.95	10.5
	an de la constante de la const Constante de la constante de la Constante de la constante de la		- 0	continued -	
	an an Arrange (C. 2017) An Arrange (C. 2017) An Arrange (C. 2017) An Arrange (C. 2017)				
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			n en strangen. Geb	· · · · · · ·	

## FIELD TEST RESULTS OF SOIL (Lake)

$\begin{array}{c c} \mbox{Field} $First result of $SOIL$ OF $SOIL$ (Take) $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$$		an ga ga sa sa sa sa		·	· · · · · ·	na antista antista da seconda
FIELD TESPT RESULTE OF SOIL (Lake)         PITT No. 6       DEFTH       SOIL       SOIL       SOIL         10       0       0       30       10       6       4/1         10       0       0       3       50       1.1       10         10       0       0       3       5/1       SiGL       7.5       11.0         2       35       7.5       5       6       4.5/1       SiC       7.5       9.1         2       35       7.5       10       6       3.5/1       SiCL       7.5       9.1         2       35       90       10       6       4/1       SiC       7.85       9.14         3       80       10       6       4/1       SiC       7.85       10.4         M       61       1       0       40       SiC       7.65       13.0         4       10       -80       10       6       4/1       SiC       7.65       13.9         5       10       7.5       6       4/1       SiC       7.6       13.9         5       10       7.5       6       4/1       SiC       7.7 </th <th></th> <th>n agamatan sering sa sa</th> <th></th> <th>a Anglas ang ang ang</th> <th></th> <th>1. <b>M</b>. <b>7</b></th>		n agamatan sering sa		a Anglas ang ang ang		1. <b>M</b> . <b>7</b>
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $		la serie da la comuna y no serie de la comuna	the second se	and the second se	SOIL	
IDATESON         DEPPH (cm)         COLOR         PEXTURE         PH         EC (mmhos/cm)           M 59 - 1 2         0 - 35 3 75 - 100         10 C 4/1 5 C 4.5/1         SiCL 7.5         7.5         11.0 7.2           M 60 - 1 2         0 - 35 80 - 110         10 C 3.5/1 10 C 3.5/1         SiCL 7.5         7.1 9.1         9.1 9.1           M 60 - 1 2         0 - 35 80 - 110         10 C 4/1 10 C 3.5/1         SiCL 7.5         7.9 9.1           -3         80 - 110         10 C 4/1 10 C 3/1         SiCL 7.85         7.6 10.4           M 61 - 1 2         0 - 30 80 - 100         10 C 4/1 5 C 7.85         SiCL 7.85         7.6 13.01           M 62 - 1 2         0 - 60 10 C 4/1 3         SiCL 7.5         7.6 13.1         9.2 7.7           M 63 - 1 2         0 - 60 7.5         5 C 4/1 5 C 4/1         SiCL 7.5         9.2 7.7           M 63 - 1 3         0 - 75 7.5         5 C 4/1 5 C 4/1         SiCL 7.7         7.6 16.2 7.85           -3         80 - 100 7.5         5 C 3/1 7.5         SiCL 7.7         7.6 1.2           -3         80 - 100 7.5         5 C 3/1 7.5         SiCL 7.7         7.7 18.9           -3         80 - 100 7.5         5 C 3/1 7.5         SiCL 7.7         7.7 18.9           -4         120 - 150			LIAK	e)		
HORIZON         DEPTH (cm)         COLOR         TEXTURE         PH         (mmhors/cm)           M 59 - 1         0 - 35         10 6 4/1         SiCL         7.5         11.0           -2         35 - 75         5 6 4.5/1         HC         7.2         7.9           -3         75 - 100         5 6 4.5/1         HC         7.2         7.9           -3         75 - 100         5 6 4.5/1         HC         7.5         9.1           -2         35 - 80         10 6 3.5/1         HC         7.5         9.74           -3         80 -110         10 6 4/1         SiCL         7.35         7.61           -2         35 - 80         10 6 4/1         SiCL         7.35         13.01           M 61 - 1         0 - 30         10 6 4/1         SiCL         7.35         13.01           M 62 - 1         0 - 60         10 6 4/1         SiCL         7.55         13.1           -2         60 - 75         5 6 4/1         SiC         7.5         9.2           -3         75 - 110         7.5 6 4/1         SiC         7.75         9.2           -3         75 - 125         5 6 4/1         SiC         7.75         9.2	PIT NO.	&				angan Baryan (ngang baran sa
<pre>M 59 - 1 0 - 35 10 6 4/1 SiCL 7.5 11:0 - 2 35 - 75 5 6 4 4.5/1 HC 7.2 7.9 - 3 75 - 100 5 6 4.5/1 HC 7.5 9.1 - 2 35 - 80 10 6 3 .5/1 SiCL 7.5 9.1 - 3 80 - 110 10 6 4/1 SiCL 7.85 10.4 M 60 - 1 0 - 33 10 C 4/1 SiCL 7.85 10.4 M 61 - 1 0 - 30 10 C 4/1 SiCL 7.45 5.34 - 3 80 - 100 5 6 3/1 HC 7.45 5.34 - 3 80 - 100 5 6 3/1 HC 7.55 13.1 - 2 30 - 80 10 6 4/1 SiCL 7.85 13.9 - 2 60 - 75 5 6 4/1 SiCL 7.5 9.77 M 63 - 1 0 - 40 5 6 4/1 SiCL 7.5 13.1 - 2 40 - 75 5 6 4/1 SiC 7.5 9.7 M 63 - 1 0 - 58 10 6 3.5/1 SiCL 7.5 9.2 - 3 75 - 110 7.5 6 4/1 SiC 7.5 9.2 - 3 75 - 125 5 6 4/1 SiC 7.5 9.2 - 3 75 - 125 5 6 4/1 SiC 7.5 9.2 - 3 75 - 125 5 6 4/1 SiC 7.5 9.2 - 3 75 - 125 5 6 4/1 SiC 7.5 9.2 - 3 75 - 125 5 6 4/1 SiC 7.5 9.2 - 3 75 - 125 5 6 4/1 SiC 7.5 9.2 - 3 75 - 125 5 6 4/1 SiC 7.5 9.2 - 3 75 - 125 5 6 4/1 SiC 7.5 9.2 - 3 75 - 125 5 6 4/1 SiC 7.5 9.2 - 3 75 - 125 5 6 3/1 HC 7.7 16.2 - 2 58 - 85 5 6 4/1 SiC 7.85 19.5 - 3 88 - 120 5 6 3/1 HC - M 64 - 1 0 - 58 10 6 3.5/1 SiCL 7.7 16.2 - 2 58 - 85 5 6 4/1 SiC 7.85 19.5 - 3 88 - 120 5 6 3/1 HC - M 65 - 1 0 - 80 5 C 4/1 SiC 7.6 34.9 M 66 - 1 0 - 50 10 GY 4/1 SiCL 7.6 34.9 M 66 - 1 0 - 50 10 GY 4/1 SiCL 7.6 34.9 M 66 - 1 0 - 50 10 GY 4/1 SiCL 7.6 34.9 M 66 - 1 0 - 50 10 GY 4/1 SiCL 7.6 34.9 M 66 - 1 0 - 50 10 GY 4/1 SiCL 7.6 34.9 M 66 - 1 0 - 50 10 GY 4/1 SiCL 7.5 9.1 - 3 80 - 125 5 G 3/1 HC 7.4 8.83 - 3 70 - 90 5 G 4/1 SiC 7.5 9.1 - 4 90 -110 5 G 3/1 HC 7.4 8.83 - 3 70 - 90 5 G 4/1 SiC 7.5 9.1 - 4 90 -110 5 G 3/1 HC 7.5 11.04 - 2 35 - 70 5 G 3/1 HC 7.5 15.9 - 4 90 -110 5 G 3/1 HC 7.5 15.9 - 4 90 -110 5 G 3/1 HC 7.5 15.9 - 5 110 -130 5 G 3/1 S -</pre>		DEPTH	COLOUR	TEXTURE	рн	the second se
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		(Сш)				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	M 59 - 1	0 - 35	10 G 4/1	SiCL	7.5	11.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	and the second	and the second				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 3 - 3 - 3	75 -100	5 G 4.5/1	SIC	1.5	1996 - Friday J. (U. 1997), 1997 -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	M 60 - 1	0 - 35	10 G 3.5/1	SiCL		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			and the second		the state of the s	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<b>3</b>	80 -110	10 G 4/1	SIC	7.85	4 <b>0.4</b>
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		二方法 「方法」を行っていた。 ちちょうちょう				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				<ul> <li>A state</li> </ul>		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 3	80 -100	<u>ре</u> 2/т	nu	1.15	13.01
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	M 62 - 1	the second se	10 G 4/1			and the second
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				그는 것이 물로운 집에서 가지?		그들은 동안 동안 방법을 통합되었다. 방법은 이 가지 않는 것이 있는 것이 있는 것 같아.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 3	/2 -110	7.5 G 4/1	510		<b>47.</b>
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	M 63 - 1			<ul> <li>A second sec second second sec</li></ul>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 2			and the second state of th		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	4	4.3 (19) 10 (19) 10 (19) 11				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	M 64 - 1		and the second state of the second		the second s	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	- 2			and the second	i .	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	- 4	120 150	5 G 3/1			n an
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	M 65 _ 1		5 G 4/1	en e		18.9
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	and the second	Sector and the sector se			7.9	11.1
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	- 3	100 -120	5 G 3/1	HC		34.9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	M 66 - 1	0 - 50	10 GY 4/1	SiCL		7.37
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					7.3	27.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3	80 -125	5 G 3.5/1	HC	7.75	7.78
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	M 67 - 1	0 - 55	10 G 4/1	SiCL	7,8	4.87
- 4 90 -110 5 G 3/1 HC M 68 - 1 0 - 35 5 G 4/1 SiC 7.55 11.04 - 2 35 - 70 5 G 3/1 SiC 7.4 3.96 - 3 70 - 90 5 G 3/1 HC 7.5 15.9 - 4 90 -110 5 G 2.5/1 HC - 5 110 -130 5 G 3/1 S - continued -			10 G 3/1	HC	7.4	8.83
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$					7.5	9.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 4	90 -110	⊃ G 3/1	nu		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	and the second					
-4 90-110 5 G 2.5/1 HC - -5 110-130 5 G 3/1 S - continued -	the second se			the second se	2 A A A A A A A A A A A A A A A A A A A	· · · · · · · · · · · · · · · · · · ·
- 5 110 -130 5 G 3/1 S					-	
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A-85				ана — с Население — с	continued -	
$\mathbf{A}_{-}^{+}85$ and $\mathbf{A}$						
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			n an an an Arthread States An Anna an Anna			an an 1919 an an Arthrean an Arthrean An Arthrean

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			RESULTS OF	SOIL	
		(Lake	<b>)</b>	andaria (di sila) ang sing sing sing sing sing sing sing si	
PIT No. &		SOIL	SOIL		
HORIZON	DEPTH (cm)	COLOUR	TEXTURE	<u>pH</u>	EC (mmhos/cm)
M 69 - 1	0 - 50		SiCL	7.8	14.4
- 2	50 - 85 85 -110		SIC SCL	7.6 7,5	11.6 7.8
4	110 -130		HC	/ • <b>D</b>	
			n de la seconda de la secon Seconda de la seconda de la		
M 70 - 1 - 2	0 - 35 35 - 90	5 G 4/1 5 G 4/1	SiC SiC	7.0 7.95	42.0 10.21
- 2 	90 - 95	5 G 3/1	HC	7.75	28.0
- 4	95 -110	5 G 3/1	S	0 m	-
M 71 - 1	0 - 35	5 G 4/1	SiCL	7.3	<b>39.1</b>
- 2	35 - 65	5 G 4/1	SiC	7.1	21.6
	65 -130	5 G 4/1	SiC	7.8	17.26
- 4	130 -150	5 G 3.5/1	HC	i Adalah da	
M 72 - 1	0 - 45	10 G 4.5/1	SiCL	7.5	15.3
- 2	45 - 95	10 G 4/1	SiC	7.55	7.85 6.3
- 3	95 -120	10 G 4/1	SiC	7.4	
M 73 - 1	0 - 60	5 G 4/1	SiCL	7.65	10.35
- 2	60 -110 110 -135	5 G 4/1 5 G 4/1	SiC SiCL	7.85 7.6	6.96 5.8
- 3 - 4	135 - 160	10 G 4/1	SiC	/.U	
					40.7
M 74 - 1 - 2	0 - 40 40 - 60	10 G 4/1 5 G 4/1	SiCL SiC	7.5 7.65	48.7 23.1
- 3	60 -125	5 G 4/1	SiC	7.4	10.5
- <b>4</b>	125 -150	10 G 3.5/1	SiC		
M 75 - 1	0 - 65	5 G 4/1	SiCL	7.55	11.0
- 2	65 -128	10 G 4/1	SiC	7.6	13.5
- 3	128 -150	10 G 2.5/1	SiC	7.6	11.7
M 76 - 1	0 - 40	10 G 4/1	SiCL	7.7	0.7
- 2	40 - 65	5 G 4/1	SiC	7.4	2.97
	65 -110	5 G 4/1 5 G 3.5/1	SiC SiC	7.5	62.2
- 4 - 5	110 - 140 140 - 160	10 G 3/1	SiC		, 2017년 1월 2 1월 2017년 1월 2
			<b>.</b>	7 75	
M 77 - 1 - 2	0 - 30 30 - 75	5 G 4/1 5 G 4/1	SiC SiC	7.75 7.15	21.7 10.59
- 3	30 - 75 75 -120	5 G 4/1	SiCL	7.3	7.7
- 4	120 -140	5 G 4/1	SiC		
- 5	140 -175	5 G 4/1	SiCL	-	
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		FIELD TES	T RESULTS OF	SOIL	
		(Lake	)		
PIT No. &		SOTL	SOIL	. · .	
HORIZON	DEPTH (cm)	COLOUR	TEXTURE	pH	EC (mmhos/cm)
M 78 - 1 - 2	0 - 45 45 - 60	10 G 4/1 5 G 4/1	SiCL SiC	7.5 7.65	6.4 4.69
- 3	60 -170	5 G 4/1	SiC	7.8	28.6
- 4	170 -200	10 GY 3/1	SiC		
м 79 - 1	0 - 50	10 G 3.5/1	SiCL	7.55	24.4
- 2	50 -100	10 G 3.5/1	SiC	7.1	4.6
- 3 - 4	100 -140 140 -200	5 G 4/1 10 G 3.5/1	SIC SIC	7.3	9.43
		10 G 5.5/1			
M 80 - 1	0 - 60	10 G 3.5/1	SiCL	7.35	12.1
+ 2 - 3	60 -100 100 -135	5 G 4/1 10 G 3/1	SiC SiC	7.65 7.6	17.25 21.0
a an an Angli Chua Marana		n e la serie de la care da la Constanción de la care da la		e de l'adapte	
M 81 - 1	0 - 55	5 G 4/1	SiCL	7.65	28.2
- 2 - 3	55 -110 110 -165	5 G 4/1 10 G 3/1	SiC SiC	7.5	18.1 30.2
M 82 - 1 - 2	0 - 45	5 G 4/1	SICL	7.3	15.3
- 2	45 -100 100 -140	5 G 4/1 5 G 4/1	SiC SiC	7.2 7.0	10,4.58888888.55 27,9 % в есс
- 4	140 -190	10 G 4/1	HC	-	
M 83 - 1	0 - 40	10 G 4/1	sic	7.5	9.8
- 2	40 - 60	5 G 4/1	SiC	7.2	27.3
- 3	60 -100	5 G 4/1		7.4	10.5
- 4	100 -145	10 G 3/1	SiC	· 신북 : 신영화 1. · · · · · · · · · · ·	이가 이 가루고 한 것이지 않는다. 이 아파 이 지도 않는다.
M 84 - 1	0 - 60	5 G 4/1	SiCL	7.7	13.67
- 2 - 3	60 -107 107 -165	5 G 4/1 5 G 3.5/1	SiC	7.7	7.6 15.44
	101 - 102	5 G 3.5/1	SiC	7.7	12+44
M 85 - 1	0 - 30	5 G 4/1		7.4	17.0
- 2 - 3	30 - 60 60 - 125	5 G 4/1 5 G 4/1	SiC SiC	7.7	30.7 22.1
- 4	125 -170	7.5 Y 3/1	SiC	-	-
- 5	170 -180	5 G 3.5/1	HC	-	
486-1	0 - 30	10 G 3.5/1	SiCL	7.5	7.9
- 2	30 - 60	10 G 3.5/1	SiC	7.75	13.1
- 3	60 -150	5 G 4/1	SiC	7.6	10.2
- 4	150 185	10 G 3/1	HC		Roman (1997) - State Charles Received and the constraint of the
	andra andra angla an Angla ang angla				
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	e de la construcción de la construcción de la construcción de la construcción de la construcción de la construcción de la construcción de la construcción de la construcción de la construcción				
		FIELD TEST	RESULTS OF	SOIL	
		(Lake)			
PIT No. &	DEPTH	SOIL	SOIL	_ <u>p</u> H	EC
HORIZON	(cm)	COLOUR	TEXTURE		(mmhos/cm)
M 87 - 1	0 - 50	5 G 7/1	SiCL	7.75	19.9
- 2	50 - 70	5 G 4/1	SiC	7.4	12.49
- 3	70 -105	10 G 2.5/1	HC	7.5	21.0
M 88 - 1	0 - 25	5 G 4/1	SiCL	7.6	23.4
- 2	25 - 50	5 G 4/1	SiC	7.5	38.7
- 3	50 -100	10 G 2.5/1	HC	7.6	56.5
M 89 - 1	0 - 37	5 G 4/1	SiCL	7.4	2.2
- 2	37 - 65	10 G 4/1	SiC	7.8	11.7
- 3	65 - 85	7.5 G 3/1	HC	7.75	4.67
M 90 - 1	0 - 35	10 G 4/1	SiCL	7.5	28.1
- 2	35 - 45	5 G 4/1	SiC	7.4	13.6
- 3	45 - 75	7.5 GY 3/1	HC	7.65	19.1
M 91 - 1	0 - 25	10 G 3.5/1	SiCL	7.45	22.4
- 2	25 - 85	10 G 3.5/1	SiC	7.75	15.1
- 3	85 -155	10 GY 3/1	LS	7.6	9.6
M 92 - 1	0 - 30	10 G 3.5/1	SiCL	7.5	38.1
- 2	30 - 75	10 G 4/1	SiC	7.6	35.7
- 3	75 -105	10 G 3/1	S	7.45	21.5
M 93 - 1	0 - 45	10 G 3.5/1	SICL	7.4	38.1
- 2	45 - 85	10 G 4/1	SIC	7.65	32.2
- 3	85 - 105	10 G 3.5/1	S	7.45	9.22
M 94 - 1	0 - 20	10 G 3.5/1	SiCL	7.6	14.1
- 2	20 - 85	10 G 4/1	SiC	7.65	18.5
- 3	85 -120	10 G 3.5/1	S	7.5	15.1
M 95 - 1	0 - 60	10 G 3/1	SiC	7.75	6.3
- 2	60 -120	10 G 4/1	SiC	7.6	13.2
- 3	120 -185	10 G 3.5/1	HC	7.5	8.6
M 96 - 1	0 - 54	10 G 4/1	SiC	7.8	10.6
- 2	54 -105	10 G 4/1	SiC	7.7	20.6
- 3	105 -130	10 G 3/1	S	7.3	10.85
M 97 - 1	0 - 30	5 G 3.5/1	SiCL	7.6	23.0
- 2	30 -100	10 G 4/1	SiC	7.35	26.6
- 3	100 -130	10 G 3.5/1	S	7.7	58.7
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		<b>A-88</b> .			
		anta superior de la composición Alternationes Alternationes			

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		<u>FIELD TES</u> (Lake	T RESULTS OF	<u>SOIL</u>	
PIT No. &		SOIL	SOIL	Nelsen ver	
HORIZON	DEPTH	COLOUR	TEXTURE	рН	EC
	(Cm)				(mmhos/cm)
M 98 - 1	0 - 30	10 G 3.5/1	SiCL	7.6	39.2
~ 2	30 - 60	10 G 3.5/1	SiC	7.5	33.0 21.7
- 3	60 -120	10 G 4/1	SiC	7.5	<b>41.</b> <i>1</i>
м 99 - 1	0 ~ 60	5 G 3/1	SiCL	7,65	11.1
- 2	66 -120	10 G 4/1	SiC	7.7	33.7 18.1
- 3	120 -180 180 -205	10 G 4/1 10 G 3.5/1	SiC SiC	-	-
en de la composition de la composition En la composition de la				addan a shi a Marin	
M 100 - 1	0 - 30	5 G 3.5/1	SiCL	7.65	19.2 13.4
- 2 - 3	30 - 60 60 -120	5 G 3.5/1 10 G 4/1	SiC SiC	7.7 7.75	7.3
- 4	120 -185	10 G 3/1	SiC	-	
	<b>0 7</b>		atar	7.65	7.1
M 101 - 1 - 2	0 - 25 25 - 73	10 G 3.5/1 10 G 4/1	SiCL SiC	7.65	21.6
- 3	73 -100	10 G 3.5/1	S	7.45	42.5
			<b>0</b> • • • •	7 65	10 E
M 102 - 1 - 2	0 - 65 65 - 80	10 G 3.5/1 10 G 4/1	SiCL SiC	7.65 7.65	19,5 13.0
- 3	80 - 95	10 G 3.5/1	S	7.8	8.8
		5 0 1/3	SiCL	7.45	34.6
M 103 - 1 - 2	0 - 35 35 - 65	5 G 4/1 5 G 3.5/1	SICL	7.4	71.2
- 3	65 -115		$\mathbf{LS}$	7.5	41.0
- 4	115 -155	5 G 4/1	SiC	<b></b>	
м 104 - 1	0 - 30	7.5 YR 4/2	HC	7.8	9.66
- 2	30 - 60	10 YR 4/2	НC	7.55	52.8
- 3	60 -120	10 YR 4/1	HC	7.75	38.2
м 105 - 1	0 - 30	7.5 YR 4/2	HC	7.45	27.8
- 2	30 - 60	10 YR 4/2	нс	7.25	63.9
- 3	60 -120	10 YR 4/1	HC	7.55	65.5
м 106 - 1	0 - 50	10 G 3.5/1	SiCL	7.65	26.1
- 2	50 - 65	10 G 3.5/1	SiC	7.6	13.2
- 3	65 - 80	10 G 3/1	SiC	7.4	29.6
M 107 - 1	0 - 30	10 G 3/1	SiCL	7.4	11.3
- 2	30 - 76	10 G 3/1	SiC	7.85	7.6
- 3	76 -140	10  G 4/1	SiC SiC	7.4	40.9
- 4	140 -175	5 G 4/1	940 1		an an Angelanda. An taona an
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			and and a second se		
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		FIELD TEST	RESULTS OF	SOIL		
		(Lake)				
570 Ma			<b></b>			N. A.
PIT NO. & HORIZON	DEPTH	SOIL COLOUR	SOIL TEXTURE	рН	EC	n in de la composition de la composition de la composition de de la composition de
	(cm)				(mmhos/cm)	
andri a chenina di Maria di Stato di Stato di Stato Stato di Stato di Stat				الوفارة المع منابعة المعروفية		· · ·
M 108 - 1	0 - 48	10 G 3.5/1	SiCL	7.55	42.4	
- 2	48 - 80	10 G 4/1	SiC	7.75	31.7	
- 1. al 1. ant - <b></b>	80 - 90	5 G 3.5/1	SiC	7.55	23.5	
M 109 - 1	0 - 35	10 GY 4/1	SiCL	7,8	12.2	
- 2	35 - 55	10 G 4/1	SiC	7.45	17.1	
3. 	55 - 75	10 G 3/1	SiC	7.6	8.3	
M 110 - 1	0 - 58	10 GY 3.5/1	SiCL	7.0	9.1	:
- 2	58 - 85	10 G 4/1	SiC	7.5	0.1 6.4	
3 	85 -125	5 G 4/1	SiC	7.55	0.4	
M 111 - 1	0 - 48	10 GY 4/1	SiCL	7.0	6.92	
- 2	48 - 82	$10 G \frac{4}{1}$	SiC SiC	7.9 7.75	6.05 3.42	
- 3. 1	82 -100	10 G 3/1	91C	1.13	J• #2	
M 112 - 1	0 - 25	5 G 3.5/1	SiCL	7.7	6.83	an an an Aria. Airtí tha an Aria
- 2	25 - 30	5 G 4/1 10 G 4/1	SiC SiC	7.4 7.5	5.9 3.2	
	30 - 60	10 G 4/1	310			
M 113 - 1	0 - 48	10 G 3.5/1	SiCL	7.7	19.7	
~ 2	48 - 80 80 - 95	10 G 4/1 10 G 3.5/1	SiC SiC	8.05 7.8	2.86 22.0	
	80 - 95	10 6 5.371				
M 114 - 1	0 - 60	5 G 4/1	SiC	7.4	22.1 12.7	
- 2 - 3	60 - 75 75 -110	5 G 4/1 5 G 3.5/1	SiC SiC	7.1 7.4	5.93	andra 1990 an an Anna An Angla tao Tao Anna
- 3	an a					
M 115 - 1	0 - 65	10 GY 4/1	SiCL	7.85 7.75	13.2 10.0	
- 2 - 3	65 - 85 85 -130	10 G 4/1 5 G 3.5/1	SiC SiC	7.55	6.4	
				et gabete		
M 116 - 1	0 - 50	10 G 3.5/1	SiC SiC	7.7 8.0	9.56 9.05	
- 2	50 - 85 85 -140	10 G 3.5/1 10 G 3.5/1	SiC	7.9	6.21	
			an a		0.00	
M 117 - 1	0 - 25	10 GY 4/1 5 G 4/1	SiC SiC	7.45 7.85	9.38 5.37	in the second
- 2 - 3	25 - 45 45 -100	10 GY 5/1	S	7.7	9.01	
	"你们,你的复数?		a tar		45.1	
M 118 - 1	0 - 30 30 - 65	7.5 GY 4/1 7.5 GY 4/1	SiCL SiCL	7.4 7.1	7.53	e de la composición d La composición de la c
- 2 - 3	30 - 65 65 -135	7.5 GY $4/1$	SiC	7.0	11.98	
- 4	135 -160	5 G 3/1	SiC	t tet <del>ar</del> te da i	n an Charles <u>a</u> nn 1917 Iomraidh an Charles Carles Bhailte an Charles	
			artan seria. Artan			
			an a			
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#### FIELD TEST (Lake) ESULTS OF SOIL RESULTS OF

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M~13

PIT No. & HORIZON	DEPTH	SOIL COLOUR	SOIL TEXTURE	На	EC.
	(cm)	<u></u>			(mmhos/cm)
	A 30			<b>1</b> 9	
M 119 - 1 - 2	0 - 30 30 - 60	5 G 4/1 5 G 4/1	SiCL SiCL	7.6 7.95	29.7 6.78
- 3	60 -114	5G 4/1	Sic	7.7	0.89
- 4	114 -135	10 G 3/1	LS		
M 120 - 1	0 - 50	5 G 4/1	SiCL	7.55	11.6
<del>-</del> 2	50 -125	5 G 4/1	SiCL	7.6	12.3
- 3	125 -150	5 G 4/1	SiC	7.65	11.3
- 4	150 ~205	5 G 3.5/1	SiC	•	
M 121 - 1	0 - 55	5 G 4/1	SiCL	7.65	6.29
- 2	55 - 95	5 G 3,5/1	SiC	7.9	6.3
<b>- 3</b>	95 -175	10 G 3/1	HC	8.05	11.04
M 122 - 1	0 - 55	10 GY 3.5/1	SiCL	7.7	3.96
- 2 - 3	55 - 80 80 - 95	5 G 4/1	SiC	7.2	
<b></b> - <b>-</b>	80 - 95	5 G 3.5/1	SiC	7:75	4.44
M 123 - 1		10 G 3/1	SiCL	7.45	10.87
- 2 - 3	30 - 60 60 -120	10 G 3/1	SIC	7.9	25.6
	120 -185	10 G 4/1 10 G 4/1	SiC SiC	7.65 -	29.2
	185 -215	10 G 3.5/1	S	en e	
M 124 - 1	0 - 30	5 G 3/1	SiCL	a da ante de contra Se <u>s</u> entes	
- 2	30 - 80	5 G 3/1	SiC	7.6	13,1
- 3	80 -145	5 G 4/1	SiC	7.85	27.7
<b>4</b>	145 -175	10 G 3.5/1	S	n na serie de la composición de la comp Composición de la composición de la comp	
M 125 - 1	0 - 50	5 G 3.5/1	SiC	7.75	18,3
- 2	50 -105	5 G 4/1	SiC	7.65	9.38
	105 -140	10 G 4/1	SiC	7.15	23.8
		, 2011년 - 2012년 1943년 - 1941년 - 1941년 1941년 - 1941년 -			
				n transformation States and the	
				ing dan sing di	
			a national de la catella de la catella National de la catella de la catella de la catella de la catella de la c National de la catella de l		
			ingen and states and National States		
				la en la este La entres	
		A-91			

#### FIELD TEST RESULTS OF SOIL (Swamp) FIELD TEST RESULTS OF SOIL

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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	PIT No. &		SOIL	SOIL		in a star anna an Arlanda. 1946 — Arlanda Arlanda, an Arlanda Arlanda. 1947 — Arlanda Arlanda, an Arlanda Arlanda.		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	HORIZON	DEPTH	COLOUR	TEXTURE	<u>pH</u>	EC (mmhos (cm)		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	· · · · · · · · · · · · · · · · · · ·	(Cm)		and a star of the second s Second second				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	s 1 - 1	0 - 50	10 G 3 5/1	Sic	7.2	4 1		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	and the second							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					11 A 11			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	S 2 - 1	0 - 44	10 G 3.5/1	SiCL	7.15	59.5		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	- 2	44 - 98	10 G 3.5/1	SiC	6.95			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 3	98 -150	10 G 3.5/1	CL	6.95	58.5		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					7			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	· · · · · · · · · · · · · · · · · · ·	and the second	<ul> <li>A set to a set of the first set of the set</li></ul>		and the second	and the second state of th		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		40 -100	IO G 4/ I	110				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	S 4 - 1	0 - 30	10 GY 4/1	HC	7.55	39.2		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	이 전에 지난 것 같아. 이 분간이 한 일 것이 있는 것이다.			그는 그는 아이에 가지 않는 것이 없는 것이 같이 있다.		그는 그 가슴 지난 지수 있었다. 지수는 가슴		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						10.85		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	and a state of a state				an an Constant Anna an Anna Anna an Anna Anna Anna			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<b>S 5</b> - 1							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	- 「「「」」、「」、「」、「」、「」、「」、「」、「」、「」、「」、「」、「」、「		and a second	[2] 2. Solution 1. Adv.	1. Control of a second s			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		and the second			1.2	13.2		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 4	134 -160	5 BG 3/1	HC	a an <b>-</b> Carlor - Car Carlor - Carlor - Carl			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	e c 1	0 - 35	5 C 4/1	'SiC	7.85	8,37		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1. A.N. 1994.							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						10.23		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	s 7 - 1			and the second		「「「」」、「」、「」、「」、「」、「」、「」、「」、「」、「」、「」、「」、「		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	- 2					e de la companya de l		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				<ul> <li>Interfet</li> </ul>				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	and the second	A Second Se		- とうゆいた パー・ション たたい パイト	the second provide the second provides of the			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- <b>b</b>	130 -150	10 G 3/1	nC	1.33	40.1		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<b>c o 1</b>	0 - 30	10 G 4/1	SiC	7.45	42.0		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	the second se					しかした しんかん かいひょうせい しん		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			and the second	HC	7.6	26.4		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 4		5G 4/1	SL	7.55	36.9		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		n a frei a an frei bha Thairtean an thairtean		가 있었다. 1946년 14월 21999년				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	S 9 - 1			and the second	1. An 13			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	- 2					コート ちょうしん 佐藤 ひょうしん たいしょう		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	- 3							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	- 4	115 -140	phenological definition of the second s	DIC	7.05			
- 2 60 -140 10 GY 4/1 SiC 7.65 43.7 - 3 140 -170 10 GY 4/1 SCL 7.5 38.0 - 4 170 -200 10 GY 4/1 SiC 7.45 115.5 - continued -	c 10 - 1	0 - 60	10 G 3/1	SiL	7.7	43.45		
- 3 140 -170 10 GY 4/1 SCL 7.5 38.0 - 4 170 -200 10 GY 4/1 SiC 7.45 115.5 - continued -					7.65	and the second		
- 4 170 -200 10 GY 4/1 SiC 7.45 115.5 - continued -	- 3			SCL				
	- 4	the second se	10 GY 4/1	SiC	7.45	115.5		
이 같은 것이 같은 것이 같은 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있다. 것이 있는 것이 같은 것이 같은 것이 같은 것이 있는 것이 있는 것이 있는 것이 같은 것이 있다.	an an an an ann an Arland. An Arland Arland Arland Arland Arland. An Arland Ar		- continued					
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					en en principal. En la principal de la principal	a sharta Alisan Alisa Marka a sharta a sharta		
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FIELD TEST RESULTS OF SOIL (Swamp) S-2

PIT NO. & HORIZON	DEPTH	SOIL COLOUR	SOIL TEXTURE	рН	EC
HOMEBON	(cm)	GOLIGOA		<u> </u>	(mmhos/cm)
S 11 - 1	0 - 30	10 GY 4/1	SiCL	7.2	4.5
	30 - 83	10 G 4/1	SiC	7.4	<b>4.</b> 3 3.9
- 2 - 3	83 -150	10 G 4/1	SiC	7.9	6.76
S 12 - 1	0 - 30	5 G 4/1	SiCL	7.1	10.8
- 2	30 - 60	5 G 4/1	SiC	7.3	12.3
- 3	60 -100	5 G 3/1	SiC	7.1	18.6
s 13 - 1	0 - 40	7.5 GY 4/1	SiCL	7.4	16.1
- 2	40 - 80	7.5 GY 4/1	SiC	7.75	19.0
- 3	80 -100	10 G 3/1	HC	7.75	25.7
S 14 - 1	0 - 35	10 G 4/1	SiCL	7.1	17.9
- 2	35 - 58	5 G 3.5/1	ĤC	7.2	12.2
<b>-</b> 3	58 - 63	10 GY 5/1	LS ·	7.95	7.45
S 15 - 1 - 2	0 - 45	10 G 4/1	SiCL	7.2	10.4
	45 - 65	5 G 4/1	SiC	7.1	13.2
- 3	65 - 85	5 G 4/1	SiC	7.45	9.73
S 16 - 1	0 - 50	5 G, 4/1	SiCL	7.2	12.6
- 2	50 - 86	10 G 4/1	SiC	7.75	10.77
- 3	86 -100	5 G 4/1	SiC	7,9	9.76
S 17 - 1	0 - 75	10 G 4.5/1	SiCL	7.4	3.96
- 2	75 - 85	10 G 4/1	SiC	7.2	12.2
a in <b>- 3</b> airsan 	85 -100	10 G 3/1	SiC	7.0	14.9
<b>S</b> 18 - 1	0 - 50	5 G 4/1	SiCL	7.4	12.6
- 2	50 - 70	10 G 4/1	SiC	7.8	20,6
- 3	70 - 86	10 G 4.5/1	SiC	7.2	17.0
S 19 - 1	0 - 55	10 G 3.5/1	SiCL	7.7	16.2
<b>2</b>	55 - 75	10 GY 4/1	SiC	7.85	34.1
- 3	75 –100	7.5 GY 4/1	SiC	7.75	16.67
S 20 - 1	0 - 59	10 G 3/1	SICL	7.7	17.6
- 2	59 - 80	10 G 4/1	SiC	7.5	21.2
- 3	80 -100	10 G 4/1	SiC	7.8	18.1
G 21 - 1	0 - 60	10 G 3/1	SiCL	7.2	23.1
- 2	60 - 79	5 G 4/1	SiC	7.4	15.6
- 3	79 -100	7.5 GY 4/1	SiC	7.3	20.7
				n+ i n	
			- CC	ontinued -	
· · · · .		A-93		e de la composición d En la composición de l	
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## FIELD TEST RESULTS OF SOIL (Swamp)

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PIT NO. & HORIZON	DEPTH	SOIL COLOUR	SOIL TEXTURE	Н	EC
HORI ZON	(cm)	CORON			(mmhos/cm)
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S 22 - 1	0 - 60	5 G 3.5/1	SiCL	7 7 7	15.01
- 2	60 - 85	5 G 4/1	SICL	7.35	15.81
- 3	85 -100	5 G 4/1	SiC	7.8 7.35	29.1
	00 100		510	1.35	15.33
S 23 - 1	0 - 50	10 G 4/1	SiCL	7.65	10.98
- 2	50 - 70	10 G 4/1	SiC	7.35	17.9
~ 3	70 - 90	5 G 3.5/1	SiC	7.4	12.8
C 24 1	0 - 50	20 0 4/1			
S 24 - 1		10 G 4/1	SiCL	7.3	12.3
- 2	50 - 70	5 G 4/1	SiC	7.1	4.4
- 3	70 - 90	7.5 GY 4/1	SiC	7.75	23.4
S 25 ~ 1	0 - 40	10 G 4/1	SiCL	nalite Akia <b>⊨</b> Akinan	
- 2	40 - 70	5G 4/1	SiC	7.5	28.8
· - 3	70 - 95	10 G 4/1	SiC	7.1	2.9
an an taonaiste An taonachtachtachtachtachtachtachtachtachtacht	an a			•	
S 26 - 1	0 - 50	10 G 4/1	SiCL	7.45	20.1
- 2	50 -126	10 G 4/1	SiC	7.6	13.85
- 3	126 -180	5 G 4/1	SiC	7.85	25.1
S 27 - 1	0 - 40	10 G 4/1	SiCL	7.3	12.0
- 2	40 - 80	10 G 4/1 10 G 4/1	SiC	7.4	12.9 17.8
- 3	80 -120	10 GY 4/1	SiC	7.65	20.0
			010	7.05	20.0
S 28 - 1	0 - 50	10 G 4/1	SiC	7.0	4.39
- 2	50 - 80	5G 4/1	SiC	7.2	3.3
- 3	80 -1.60	3.5 G 4/1	SiC	7.3	6.1
e 90 – 1	0 - 50	2 5 7 5 7	ШС	76	94.9
S 29 - 1 - 2	0 - 50 50 - 75	2.5 Y 5/1 10 YR 5/2	HC	7.6	24.3
- 3	75 -100	10 IR 3/2 10 YR 4/2	HC HC	7.1 7.2	3.87 18.1
- 4	100 -120	10 YR 4/2	SiC	-	-
				n an trainn 19 An Administra	
S 30 - 1	0 - 25	10 YR 4/1	HC	7.3	14.0
- 2	25 - 60	10 YR 4.5/3	HC	7.5	1.65
	60 -120	10 YR 4/2	HC	7.8	6.3
S 31 - 1	0 - 25	10 YR 4/1	HC	7.6	9.1
- 2	0 - 25 25 - 60	10 IR 4/1 10 YR 4/1	HC	7.55	22.7
- 2	60 -100	10  YR  4/2.5	HC	8.0	13.4
					lange of the Ny INSEE and American
S 32 - 1	0 - 25	10 GY 5/1	HC	7.25	14.1
- 2	25 - 60	10 YR 5/2	HC	7.8	9.36
- 3	60 -100	10 GY 5/1	HC	7.0	13.7
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n an an Anna Anglas An Anna Anna Anna Anna An Anna Anna Ann					
		여러 비원을	- co	ntinued -	
		A-94	elonge (Libert 19		

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e An an an an	a de la			i lander voor	t i talen er er er	
					-	
S 33	- 1	0 - 30	10 GY 5/1	HC	7.75	26.1
and and a second se	- 2		10 GY 5/1	HC	7.75	17.1
ell franzis de la composition de la com En la composition de l	~ 3	60 -120	10 GY 5/1	HC	7.6	12.2
S 34	- 1	0 - 30	10 G 4/1	HC	7.6	21.5
	- 2	30 - 60	10 GY 5/1	HC	7.5	16.1
	- 3	60 -120	10 YR 5/2	HC	7.65	12.5
					na la Tanàna paositra	le de la setteren en en de la setteren en e
S 35	- 1	• 0 <b>−</b> 30	10 GY 5/1	HC	7.75	13.5
	- 2	30 - 60	10 GY 5/1	HC	7.4	20.6
a se table a	- 3	(A) A state of the state of	10 YR 5/2	HC	7.6	38.7
						in side diserna.
5 36	- 1	0 - 30	10 GY 5/1	HC	6.95	8.1
			10 YR 4/2	HC	7.0	3.85
	- 2 - 3	60 -120	10 GY 5/1	HC	7.5	42.3
a second a second		00 120	10 01 371	••••		
		0 - 30	10 YR 5/1	HC	7.8	11.4
S 37	- <u>1</u>		10 GY 5/1	HC	7.2	14.1
	- 3	60 -120	10  Gr  5/1 10 YR 5/1	HC	7.75	9.6
	- 3	60 -120	10 18 5/1	nu	1.15	9.0
a 20		0 30	10 OV 5 /3	HC	7 66	13.4
	- 1	and the second		the second se		(a) A the second sec
en en forsketer. Fra de forsketer	- 2	30 - 60	10 GY 5/1	HC	7.45	9.67
	- 3	60 -120	10 YR 4/1	HC	7.65	59.4
			and a line for the second			10.0
	$[\mathbf{r}^{-1}] \in \prod_{i=1}^{n+1} \mathbb{R}^{n}$		10 G 3.5/1	HC	7.75	40.6
			10 GY 5/1	HC	7.75	41.0
	- 3	100 -185	10 G 4/1	HC	7.8	15.6
					nandalar ay na san Anno 2012 - Anno 201	
S 40	- 1		10 G 3/1	SiC	7.6	17.1
	- 2	45 -120	10 G 4/1	HC	7.45	40.6
	- 3	120 -195	10 G 3.5/1	HC		
	- 1		10 G 3.5/1	HC	7.4	15.8
	- 2	35 - 65	10 GY 5/1	HC	7.3	20.1
	- 3	65 -200	10 G 4/1	HC	7.8	29.7
a da ser pe	bie en	학생 이 이 나라운 한				
s 42	- 1	0 -,60	10 GY 5/1	HC	7.4	4.3
	- 2	60 - 85	10 G 4/1	HC	7.2	7.5
	- 3	85 -115	10 GY 4/1	HC	7.85	16.9
S 43	- 1	0 - 45	10 G 3.5/1	SiC	7.5	7.9
	- 2		10 G 3/1	SiC	7.3	11.18
	- 3	100 -120	5 G 4/1	S	7.9	8.7
		400 140		a de la com	E. There a	
			이 이는 물을 물을 수 있다.			
	ца III.					
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FIELD TEST RESULTS OF SOIL

SOIL

TEXTURE

(Swamp)

SOIL COLOUR

PIT No. &

HORIZON

DEPTH

(cm)

s-4

EC

(mmhos/cm)

рН

				•		
		FIELD TES	T RESULTS OF	SOIL		
	the state of the s	(Swam <u>r</u>	<b>)</b>			
PIT NO. &		SOIL	SOIL			n <sup>de</sup> set a set
HORIZON	DEPTH	COLOUR	TEXTURE	pH	EC	en in
	(cm)				(mmhos/cm)	
S44-1	0 - 50	10 G 3/1	SiC	7.45	16.4	
- 2	50 -145	10 G 4/1	SiC	7.5	6.3	
- 3	145 -195	10 G 3.5/1	HC	7.3	42.1	
s 45 - 1	0 - 30	7.5 YR 4/1.5	HC	7.8	4.9	
- 2	30 - 60	10 YR 4/2	HC	7.6	16.5	n an an Artig
- 3	60 -125	10 YR 4/1	HC	7.4	25.7	
S 46 - 1	0 - 30	7.5 GY 5/1	HC	7.75	46.7	e di si e
5 40 - 1 - 2	30 - 60	10 GY 4.5/1	HC	7.7	11.7	
- 3	60 -120	7.5 GY 4/2	HC	7.3	25.8	
A 17 1	0 - 30	5 G 5/1	HC	7.8	17.47	
S 47 - 1 - 2	0 = 30 30 = 60	10 YR 5/2	HC	7.65	22.6	
- 3	60 -120	10 YR 5/1	HC	7.7	10.98	
					an a	
S 48 - 1	0 - 30 30 - 60	2.5 Y 4/1 10 YR 4/2	HC HC	7.5 7.65	11.7 50.5	$(1, 1) \in \mathcal{T}$
- 3	60 – 120	2.5  GY  4/1	HC	7.65	32.6	
				and and a second se Second second second Second second		la tra tra Ma
s 49 - 1	0 - 30	7.5 Y 4/1	HC	7.65 7.85	12.8 7.96	
- 2	30 - 60 60 -120	10 YR 4/2 10 YR 4/2	HC HC	7.3	1.5	
	, i i i i i i i i i i i i i i i i i i i			n de la consegue Contras de la consegue		
s 50 - 1	0 - 30	10 G 4/1	HC	7.75 7.2	9.59	
- 2	<b>30 - 60</b> 60 -120	7.5 GY 5/1 10 Y 4/1	HC HC	7.85	5.0 37.9	
<b>~</b> 3	00 -120	10 1 4/1			이 가운 것을 알았는 것 같은 것은 것은 것은 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 같이 있는 것이 같이 있는 것이 같이 있는 것이 있는 가 같이 있는 것이 같이 있는 것이 없는 것	
S 51 - 1	0 - 30	5 G 4/1	HC	7.5	14.4	
- 2	30 - 60	10 GY 4/1	HC HC	7.4 7.2	10.2 6.9	
- 3	60 -120	5 GY 5/1	nç			
s 52 - 1	0 - 30	5 GY 5/1	HC	7.55	11.7	1.1
- 2	30 - 60	10 YR 4/2	HC	7.4 7.65	9.0 4.88	
- 3	60 -120	10 YR 4/2	HC	7.05	4.00	
s 53 - 1	0 - 30	10 GY 3.5/1	SiCL	7.3	8.1	
- 2	30 - 84	10 G 4/1	SiC	7.6	4.7 34.2	
- 3	84 - 95	10 G 4/1	SiC	7.5	J4.2	
<b>s</b> 54 - 1	0 ~ 30	10 GY 4/1	SiC	8.0	5.21	
- 2	30 - 60	5 G 4/1	HC	7.75	13.49 6.7	
- 3	60 -120	2.5 GY 5/1	HC	7.6	0.1	
			ina Valto de la Successione	an a		
			e a serie de la composition de la compo La composition de la c La composition de la c	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	a 1995 yang bertapat dari Kalendari	an tagàn an Taona tao
			- C(	ontinued -		
					Andreas Andreas Ang	

## FIELD TEST RESULTS OF SOIL (Swamp)

S-6

SOIL SOIL PIT No. HORIZON EC DEPTH COLOUR TEXTURE pH (mmhos/cm) (cm) s 55 - 1 0 - 65 10 G 3.5/1 SiCL 7.3 8.7 - 2 65 - 83 4/1 10 G SiC 7.6 4.4 83 -115 7.4 - 3 10 G 4.5/1 SiC 5.1 S 56 - 1 0 - 50 10 G 3/1 SiCL 7.6 . : 5.2 - 2 50 - 67 10 G 4/1 SiC 7.75 3.36 - 3 10 G 67 - 85 4.5/1 SiC 7.55 7.5 0 - 55 s 57 - 1 10 G 3.5/1 SICL 7.1 21.6 - 2 55 - 90 10 G 4/1 sic 7.85 11.2 - 3 90 -115 10 G 4.5/1 SiC 7.95 14.07 0 - 30 S 58.- 1 5 G 4/1 SiC 7.85 10.6 - 2 7.0 30 - 60 5 G 4/1 HC 22.7 - 3 60 -120 10 YR 5.5/1 HC . 7.85 13.82 0 - 30 SiC S 59 - 1 10 G 4/1 7.2 11.6 4/1 30 - 60 26.1 - 2 10 G 7.6 SiC - 3 4/1 60 -120 10 G 7.2 4.1 SCL 7.6 0 - 60 10 G 4/1 SiCL 13.9 S 60 - 1 - 2 7.5 60 -120 5 G 4/1 SiC 16.2 - 3 120 -165 5 G 4/1 SiC 7.4 32.5 0 - 30 10 G 3.5/1 HC 7.7 24.4 S 61 - 1 - 2 30 - 60 10 YR 4/1 HC 7.4 37.8 HC - 3 60 -120 10 YR 5/1 7.75 3.12 0 - 30 1.73 S 62 - 1 10 YR 5/1 HC 7.65 7.55 - 2 30 - 60 10 GY 5.5/1 SiCL 53.3 - · 3 60 -120 10 GY 5.5/1 SiC 7.95 34.0 0.4 10 YR 4/2 HC 7.8 S 63 - 1 0 - 30 -:2 30 - 60 10 YR 4.5/2 7.7 HC 9.9 - 3 10 YR 5/1 11.2 60 -120 HC 7.7 7.0 0 - 30 10 YR 4/2 HC 14.5 S 64 - 1 30 - 60 - 2 10 YR 4/2 HC 7.3 12.8 7.7 - 3 60 -120 10 YR 5/2 HC 23.1 0 - 30 2.5 Y 5/2 HC 7:75 34.5 S 65 - 1 7.65 24.1 - ' 2 30 - 60 10 YR 4/2HC 10 YR 4.5/1 HC 7.5 0.85 60 -120

continued -

A-97

- .3

				S-7		
			14 I. C.	5-7		•
				an ing the second second		
		ta da ser al ser agr	le selbare			
		FIELD TEST	RESULTS OF	SOIL		- 1 •
		(Swamp)				· .
法主任理 计分子		SOIL	SOIL		n de la cardene. A cardene a de la cardene d	
PIT NO. & HORIZON	DEPTH	COLOUR	TEXTURE	рН	EC	
	(cm)	an a			(mmhos/cm)	
S 66 - 1	0 - 30	10 YR 4.5/1	HC	7.4	29.7	
~ 2	30 - 60	10 YR 4.5/1	HC	7.3	20.1	
- 3	60 -120	10 YR 5/1.5	HC	7.65	33.4	
			i k <u>on j</u> e tra sele		10.0	
S 67 - 1	0 - 30	10 YR 4/2	HC	7.4	:12.9 3.69	· · · · · ·
- 2	30 - 60 60 -120	10 YR 4/1 10 YR 4/1	HC HC	7.0 7.7	7.59	
- 3	00 <b>~</b> 120	10 14 -3/1		•		
S 68 - 1	0 - 30	10 YR 4/2	HC	7.5	22.9	
- 2	30 - 60	10 YR 4/2.5	HC	7.4	15.8	
- 3	60 -120	10 YR 4/2.5	HC	7.7	20.4	and the second
ann An t-stàitean an An						
S 69 - 1	0 - 30	10 G 3/1	HC	_ 1.4		
	30 - 60	2.5 Y 4.5/1 10 GY 3.5/1	HC HC			
- 3	60 - 90	10 GI 3.3/1			in the second	
s 70 - 1	0 - 13	10 G 4/1	HC ,	-		
- 2	13 - 30	2.5 Y 4/1.5	HC		<u> </u>	
- 3	30 - 66	2.5 Y 4/1.5	HC			
- 4	66 - 81	10 G 4/1	HC	-	· · · · · · · · · · · · · · · · · · ·	
- 5	81 -100	2.5 Y 4/1.5	HC		· · · · · · ·	
	0 30	5 Y 4/1	SCL	-	•••••	The Area
S 71 - 1	0 - 20 20 - 75	2.5 Y 4/1.5	HC	án í	-	
- 2	75 - 90	10 G 4/1	HC		<b>-</b>	
		i e MERI di la statut di la seconda di la Seconda di la seconda di la		ter produktionen der		
s 72 - 1	0 - 30	10 YR 4.5/2	HC	. <del>-</del> · · ·	te <del>n</del> aka di	
- 2	30 - 60	10 G 4/1	HC	-	en de la companya de La companya de la comp	
- 3	60 - 90	10 G 4/1	HC			n a shine na Shekara Na
	<b>A A</b>	10 BG 2.5/1	HC	· · · · · · · · · · · · · · · · · · ·	i a traat 🛓 👘 👘	
s 73 - 1 - 2	0 - 20 20 - 45	10 bg 2:3/1 10 Y 4/1	HC		<b>—</b>	
- 3	45 - 90	10  GY  4/1	HC		-	
s 74 - 1	0 - 22	5 GY 4/1	HC	· · · ·		
- 2	22 - 70	2.5 ¥ 4/1	HC		ter en	
- 3	70 - 85	5 BG 4/1	HC		a to a transition 	•
- 4	85 -100	7.5 Y 4/1	HC			
	· · · · · · · · · · · · · · · · · · ·					

A-2 Physical and Chemical Properties for Soil Profile

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BBA - ARI

ations Ca+Mg (me/100g)	27.2	22.1	Ω	Matter Content (%)	0.2	1.04				
No. L 42 Exchangeable Cations K CatMg 100g) (me/100g) (me/1	2.0	2.4		ESP (%)	25.0	31.8				•
N ia ie/1	7.0	10.5		СЕС (me/100g)	20.0	22.0				-
FOR SOIL PROFILE Elec. Cond. (minos/cm) (n	51.5	71.4		K <sup>+</sup> (me/L)	3.0	4				
	7.7	7.15		Na + (me/L)	236	746				
CHEMICAL PROPERTIES Satura- tion PH valu	30	Ê		Mg ++ (me/L)	156.13	258.64				
AL AND Textu	SiL	SiL		Water Saturated Soil Paste SO (me/L) (me/L) (me/L)	45.57	32.55			۲	
PHYSICAL Sand 50-2000 micron (%)	77.5	75		Water Sa SO (me/L)	149.2	28°3	e Gypsum present		9 9 9	
Silt 2-50 micron (%)	2.5	ß		C1_ (me/L)	290	086	Available P (ppm)	1.08	1.28	
Clay 2 micron (%)	50	20		HCO (me/l)	2 54	2.94	Total N (%)	0.01	0.05	
Depth	0- 0-	30-60		Depth (CM)	0 0 0	30- 60	Depth Depth (cm)		9 9 80-	•
Horizon	L42 - 1	N I		Horizon	L42 - 1	8	Hori zon	<u>42 – 1</u>	<b>1</b>	

EBA - AR2

		esentaria. Esentaria			telse iga na		
ations	K Ca+Mg (me/100g) (me/100g)	20.6	13.4	Organic Matter Content (%)	ი 0	, 4, , 1,	
L 31 Exchangeable Cations	К (me/100g	2.4	н н	ESP (%)	33.9	39.6	
LLE No. L Exci	Na (me/100g)	11-2 1	ഗ്	CEC (me/100d)	18.0	24.0	
FOR SOIL PROFILE No. Elec.	Cond. (mmhos/cm)	112.8	77.3	K+ (me /I.)	4.2	4	
	pH value (	6. 85	7.0	Na + (me /L)	ti in s	797	
CHEMICAL PROPERTIES Satura-	tion (%)	40	47	11 Paste Mg <sup>++</sup> (me/L)	487.14	240.14	
<b>AND</b>	Texture		SIL	Water Saturated Soil So <sup>-</sup> (me/L) (me/L)	39.06	60.76	
PHYSICAL Sand 50-2000	micron (%)	40	30	Water Sat So <sup>-</sup> (me/L)	364.9	40.2	Gypsum present 6.9
Silt 2-50	micron (%)	40	09	c1_ (me /L)	1,610	1,060	Available P 0.89 1.0
Silt 2-50	2 micron (%)	50	아 머	HCO_ (me/L)	1.27		Total (%) 0.05
	Depth (cm)	0- -	30-	Depth (CM)	0	30- 60	Depth Depth 30- 60 30- 60
	Horizon	L31 - 1	<b>7</b> 1	Horizon	L31 -	<b>N</b>	L31 - 1 - 2
				<b>A</b> -	103		

	Exchangeable Cations K Ca+Mg 00g) (me/100g) (me/100g)	5 23.4			0 1 0 1 0 1	Content (%)	O F	96,0	0.93				•				-
20	angeable C K (me/100g)	9 rt		•		ESP (\$)	19.35	1	1								
LE NO. L	Excha Na (me/100g)	O Ý		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		CEC (me/100g)	31.0			·							
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE NO. L 50	Elec. Cond. (mmhos/cm)	37.6	43.1	38.5		K <sup>+</sup> (me/L)	3.1	1.8	г. Я								
RTIES FOR	pH value (	7.05	<b>7</b> .3	7.65		Na (me/L)	397	320	310								
CCAL PROPE	Satura- tion (%)	<b>4</b> 8	80	82	l Paste	Mg ++ (me/L)	102.92	83.7	69.3			•					
AND CHEM	Texture	sic	U	υ	Sol	Ca <sup>++</sup> (me/L)	30.38	40.2	14.7	· .							
PHYSICAL	Sand 50-2000 micron (%)	15	10	50	Vater Satu	50- (me/L)	130.7	86.7	80 <b>.</b> 8	· · ·		Gypsum	present			11.2	
	Silt 2 2-50 micron n (%)	45	30	30		Cl <sup>-</sup> S (me/L)	400	355.1	310.3				(udd)	0-40	1.10	0.95	
	Clay 2 micron (%)	40	60	20 R		HCO (me/L)	2.54	ດ. ຕ	4.7			N	(8)	0.05	0.05	0-05	) 3 4 2
· · · ·	Depth (cm)	о Ч С	30- 60	60-120		Depth (CM)	30 30	30- 60	60-120			Depth Depth	( <b>ਰਿ</b>	0- 30	30- 60	60-120	<b>;</b>
	Hori zon	L50 - 1	א ו	m I		Horizon	1-01	<b>N</b> 1	m I				Horizon	L50 - 1	۲ ۱	۳ ا	) ) ) () ) () ) () ) () ) () ) () ) ()
							04			· · ·	•						

· · ·		•			:		1 1 A	in n tet	An Lista			÷ .		nanga Lana	:	
		Cartons	Ca+Mg (me/100g)			21.1		Organic	Matter Content (%)	1.2	0.24	0.44				
L 170		D ATOMA AND A	K (me/100g)		1	1.4			ESP (%)		1 1	22.4				
No.	) )         	EXCITE	Na (me/100g)		1	6.5			CEC (me/100g)		I.	58				
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE		Elec.	Cond. (mmhos/cm)	55.5	49.7	48 <b>.</b> 5			K <sup>+</sup> (me/L)	<b>1</b> •C	8	3.9				
RTIES FOF			pH value	7.05	7.15	7.25			Na (me/L)	639	582	537				
ICAL PROPE		Satura-	tion (%)	20	62	40 44		l Paste	Mg ++ (me/L)	139.4	0.0LL	106.74				
L AND CHEM			Texture	sic	s; v	υ		Water Saturated Soil Paste	Ca <sup>++</sup> (me/L)	50.06	42.76	39 06				· · · · ·
PHYSICA	بر بر بر بر	50-2000	micron (%)	<b>15</b>	10	25		Water Sat	SO_{4(me/L)	179.72	154.81	138.5	Gvosium	present	1	
	+ ;; ;	2-50 2-50	micron (%)	45	20	3C			C1 <sup>-</sup> (me/L)	650.7	582.5	545 74	Available	(udd)	0.32	0.38
		clay	2 micron (%)	40	40	40		: 11	HCO_1 (me/l)	2.15	2.15	1.56	Total		0.06	10.0
		۔ ۔ ۔ ۔ ۔ ۔	Depth (cm)	0- 30	30- 60	60-120			Depth (CM)	0- 0-	30- 60	60-120	Depth Depth	(cn)	0- 30	30- 60
			Horizon	L170- 1	8   	m L			Horizon	L170- I	2	M I		Horizon	L170- 1	20 1
		• • • •							<b>A~1</b>	.05						

I

0.46

0.02

60-120

**N N N** 

	Cations Ca+Mg	(me/_100g) (me/_100g) (me/_100g)	22.8	26.6	23.4	Organic	Matter	content (%)	5.0	1.8	· · · · · · · · · · · · · · · · · · ·						
[5]	Exchangeāble C K	(me/ rond)	₹ <b>1</b>	<b>1.</b>	2 .6			ESP (%)	17.2	17.5	n 18 1						· · · · · · · · · · · · · · · · · · ·
No. L	 Na Na N		5.0	0.0	0			CEC ( <u>me/100g)</u>	29.0	24.0	32.0						
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE	Elec. Cond.	(mmhos/cm)	7.41	79.4	12.11			K <sup>+</sup> (me/L)	ö	o G	6.0		· .				
RTIES FOR	6 A. A. A. A. A.	value	7. J.	7.0	7.6			Na <sup>+</sup> (me/L)	69	1094	66						
ILCAL PROPE	satura- tion	(%)	6	9 9	20		il Paste		15.9	21.29	25						
AL AND CHEN		Texture	sic	SiL	Ŋ		Saturated Soil	Ca ++ (me/L)	11.6	71.61	0 0 0		· · · · · · · · · · · · · · · · · · ·				
DISTR	Sand 50-2000 micron	( % )	T5	20	O E		Water Sa	S0- (me/L)	32.3	111.9	227.2		Gypsum present	25.4	42.1	11.4	
	Silt 2-50 micron	(%)	45	5	<b>.</b> <b>.</b> <b>.</b>			C1 <sup>-</sup> (me/L)	62.9	1080	102.76	Available	ليط (pm)	0.66	0.35	0-4	
	Clay 2 micron	( & )	40	<b>5</b>	30			$HCO_{3}^{-}$	2.35	86.0	86°0	Total	( <b>8</b> )	0.1	60°C	0.065	
	Depth	(cm)	0- 30	30- 60	60-120			Depth (CM)	30 -0	30- 60	60-120	Depth	Depth (cm)	30 -	30- 60	60-120	
		Horizon	L2 - 1	۲۵ ۱	. ო 			Horizon	L2 - 1	5 1	m 1		Horizon	н 1 27	1	m I	
								A-	107								

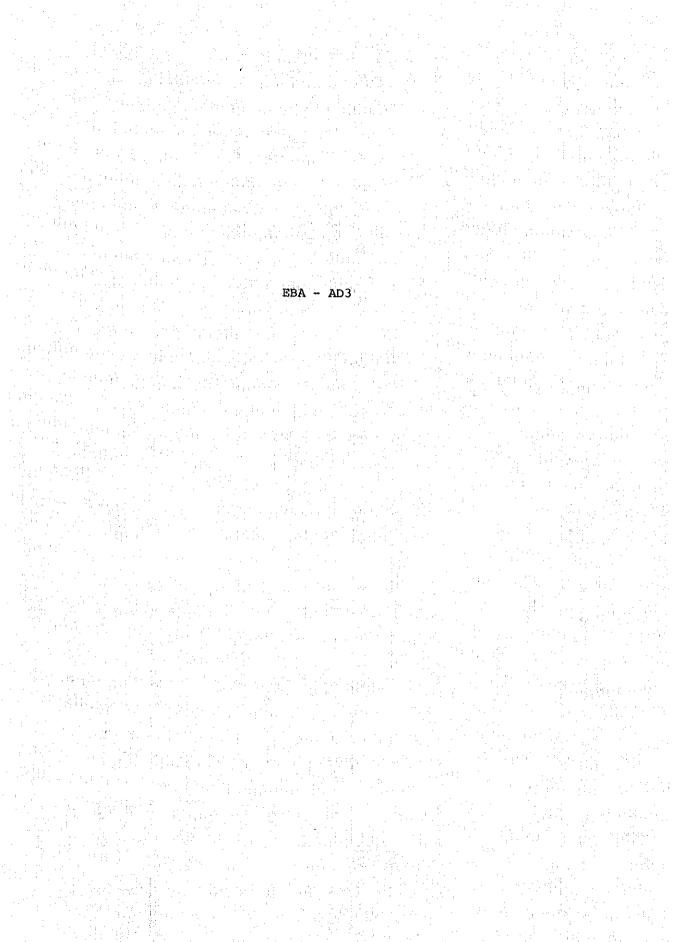
cations Ca+Mg (me/100g)		27.4		18.2	Organic	Matter Content (%)	4.2	s. O		9 <b>-</b> 0	
5 angeable Ca K (me/100g)		1.6	1	2.3		ESP (\$)		21.6		29.3	
Na. Na.	<b>1</b>	0 8	· · · · · · · · · · · · · · · · · · ·	8.5		CEC (me/100g)		37.0		29-0	
R SOIL PROFILE Elec. Cond. ((	15.85	51.4	137.5	70-5		K <sup>+</sup> (me/L)		8 m	25.0	4.2	
RTIES FOR PH (	7.35	7.05	6.85	6.95		Na + (me/L)	150	538	1625	796	
IICAL PROPERTIES Satura- tion (%) valu	85	95	06	74	1 Paste	Mg ++ (me/L)	19.3	123.55	267.6	176.45	
L AND CHEMICAL Sati Texture (%	v	ະ ເບຼັ	U	sici	Saturated Soil	Ca <sup>++</sup> (me/L)	ය. ත	32 . 55	40.2	54.25	
PHYSICAL Sand 50-2000 micron (%)	<b>1</b> 3	20	30	20	Water Sat		26	84.5	388.3	108.7	Gypsum 5.9
Silt 2-50 micron (%)	40	ŝ	27	45		C1		610	1594.6	920	Available P (ppm) 1.0 0.6 0.73 0.73
Clay 2 micron (%)	42	45	43	35		HCO(meÅL)	o S	1.56	1.9	1.96	Total N (%) 0.06 0.04 0.00
Depth (cm)	30 - 0	30- 60	60-120	120-200		Depth (CM)	30 -	30- 60	60-120	120-200	Depth Depth (cm) 30- 60 60-120
Horlzon	Т Г 9 Т	7 1	м J	1		Horizon	L6 - 1	N 1	m J	1 4	Horizon 1 - 2 1 4 3 2 1
						A-10	)8				

	 	es de		a ta sa sa Gale				•••		ag <sup>a</sup> d <sup>a</sup>	· •	•••			
ttions Ca+Mg (me/100g)	28.6	13.35			Organic	Matter Content (%)	0.88	0.32	0 4						
o. L 61 Exchangeable Cations K CatMg 000) (me/1000) (me/1	0.8	0.85	· · · ·		Ŭ		15.9	25.3	14 - - 21 - 15 				··· · · ·		• • •
L 61 Changes K K	. 0					ESP (%)	H	3							
Na Ma/1	9	4 <b>.</b> 8	1997 2011 - 29 20			CEC (me/100g)	29	р Т	<b>I</b>						
SOIL PROFILE thec.		m		frang La tra Alt	 		0 <b>.</b> 2	<b>5</b> .8	1 - T						
	9.6	16.28	25 <b>-</b> 5			K <sup>+</sup> (me/L)	Ó	2							
E E	7.55	7.55	7.65			Na <sup>+</sup> (me/L)	75	152	275						
PROPER		ng di General			ด	(	<b>1</b> 8	48	4						
(ICAL PRO Satura- tion (%)	100	T8	9 9 9		il Paste		25.18	34.48	14.4					· ·	
AND CHEI Texture	SiC	SiC	v		Saturated Soil	Ca <sup>++</sup> (me/L)	19.72	19.72	14.7						
SICAL P		•						7	in		t s s	10 10			
PHYSIC Sand 50-2000 micron (%)	01	IO	55		Water	S0- (me/L)	50.2	74.	94.5		Gypsum present	0.16		25.2	
Silt 2-50 micron (%)	20	45	50			C1 <sup>-</sup> (me/L)	67.52	131.35	199 <b>.</b> 9		Available P (ppm)	<b>1.</b> 0	8.0	н н	
							2	ĥ	G		Ava (1	4	8	<b>8</b>	
Clay 2 micron (%)	40	<b>4</b> 5	ស្ត			HCO(me/L)	2.15	3.13	<b>1.</b> 76		Total N (%)	0.04	0.02	0.02	
	0- 30	30- 60	60-120		· · · ·		0- 30	30 60	60-120		는 다 다	0- 30	30- 60	60-120	
Depth Cemi	-	8 N	ق م			Depth (CM)	H	9 19 19	ю м		Depth Depth (cm)		9 8	9 8	· . 
Hori zon	L61 -				•	Horizon	L61 –	1	<b>1</b> 		Horizon	L61 - 1		•	
											( <b>M</b>				
						A1	09								

EBA - AD2

**A~110** 

attions Ca+Mg (me/100g)	22.6 Organic Matter Content (%)	1.0			
6. L 71 Exchangeable Cations K CatMg 00g) (me/100g) (me/1 5 0.5 22.	1.0 22.6 Organic Matter Content (%)				
E No. L 71 Exchanges Na K (me/1009) (me/ -	3.4 1 SEC ESP (%)				
PROFILE					
TIES FOR SOIL I BH Cond. value (mmhos/e 7.35 7.55 7.25 9.41	7.55 12.11 Na <sup>+</sup> Na <sup>+</sup> (me/L) (me/		2		
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILEndndSatura-Elec.nd.2000Satura-Elec.Na.2000tionpHCond.Na*)Texture(*)value(mmhos/cm)(me*)007.357.5530CL707.259.41	74 7.1 I Paste Mg <sup>++</sup> Na (me/L) (me	20.28 25.29			
AND CHEMICA Sa CL	SOIL SOIL		• • • • • • • • • • • • • • • • • • •		
$\frac{PHYSICAL}{Sand}$ Sand Sand (*) micron (*) 30 30 30	10 SiC Water Saturated So <sup>4</sup> /L) (me/L)		Gypsum present	17.0	0.32
S:ilt S:ilt 8:150 (%) 40 55 40 55	49 (1-1) (1e/L)	48.27 56.33	Available (ppm) <u>p</u>	1.08 0.20	0.30
2 micron 1 30	41 HCO- T)	2.54 1.96	1.70 Total N (%)	0.05	0.00
	60-120 Depth (cm)	0- 30 30- 60	ou-120 Depth Depth (cm)	9- 80 30- 60	60 <b>-1</b> 20
Horizon - 2 - 2	Horizon	L71 2	t Horizon	171 - 1 - 2	ο (1997) <b>Μ</b> του
		- <b>111</b>			



Elec. Elec. Cond. (mmhos/cm) (me/1000) (me/1) (me/1)		4.84	77.3 8.0	10.88		K <sup>+</sup> CEC (me/L) (me/100g)	0.2 21.0	0.4 20.5	5.5 31.0	0.95 27.0	
pH Co value (mm	p de la	7.45	7.0	7.75		Na <sup>+</sup> (me/L)	58	04	795	104	
satura- tion	06	06	70	90T	il Paste	Mg ++ (me/L)	16.34	11.7	298.05	6. 83 9	
Texture	sic	SiC	si c	υ	Saturated Soil	Ca <sup>++</sup> (me/L)	96-9	0 2	119.35	8.12	
Sand 50-2000 micron	10	0 T	<b>J.</b> 2	ß	ы	Sō <sup>-</sup> (mē/L)	23.3	16. 5 16	156.2	25.04	Gypsum present 19.8 16.0
silt 2-50 micron	45	20	45	30		c1 <sup>-</sup> (me/L)	26.82	88	1060	93.42	Available P (ppm) 1.2 0.8 0.7 1.2
Clay 2 micron (%)	45	40	40	65		$HCO_{me}J_{L}$	2.15	2.19	1.17	1.55	Total N (%) 0.03 0.06 0.05
Depth (cm)	0- 30	30- 60	60-120	120-200		Depth (CM)	0- 30	30- 60	60-120	120-200	Depth Depth (cm) 30- 60 60-120 120-200
HOTIZON	L1 - 1	N 1	ო 1	4		Horizon	т <del>–</del> тт	(N 1	m 1	1 4	Horizon 1 1 1 1 1 1 1 1 1

	ations Ca+Mg (me/100g)	25.3	16.7	12.4	Organic	Matter Content (%)		0.24	ۍ • ٥	
<u>1. 47</u>	Exchangeable Cations K Ca+Mg 00g) (me/100g) (me/1	2.7	8 T	2.1		ESP (\$)	26.6	33 O	34.1	
No.	Exch Na (me/100g)	8	9.5 2	7 5		CEC (me/100a)	30.0	28.0	22-0	
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE	Elec. Cond. (mmhos/cm)	77.7	53.2	42.4		K <sup>+</sup> (me /I.)	2.	3	4.2	
RTIES FOR	pH value ( <u>n</u>	7.05	7.15	7.35		Na + (me /r.)	1,093	617	496	
ICAL PROPE	Satura- tion (%)	42	47	64		L Paste Mg ++ (me/r)	24.2	95.69	73.55	
L AND CHEM	Texture	B	SiL	sic		Water Saturated Soil 50 	36.8	49.91	32.55	
PHYSICA	Sand 50-2000 micron (%)	30	25	5		Water Sat SO4 (m4/1)	122.8	153.6	114.9	Gypsun 36.8 36.8
	Silt 2-50 micron (%)	35	60	45		C1 -	1, 090	610	490	Available P 1.1 1.30 1.30
	Clay 2 micron (\$)	35	15	40		<b>≣</b> co_1,	/me/u/	1.96	1.17	Total N (%) 0.02 0.035
	Depth (cm)	0 - 0	30- 60	60-120		Depth	0- 30	30- 80-	60-120	Depth Depth 0- 30 60-120 60-120
	Horizon	L47 - T	-	ო 1			HOF1201	× J	<b>м</b> Т	Horizon . 3 2 1 1
						<b>A~</b>	114			

ations Ca+Mg (me/100g)	23.6 16.6	Organic	Matter Content (%)	0.17	0,25			
o. L 54 Exchangeable Cations K Ca+Mg 00g) (me/100g) (me/1	2.6 .6		ESP (\$)	28.0	14.0			
Na Na ne/1	10.0 2.8		CEC (me/100g)	30	50			
CHEMICAL PROPERTIES FOR SOIL PROFILE Sature- Elec. tion pH Cond. 1 tre (*) value (mmhos/cm)	80.9 4.49		K+ (me/L)	00 10	0.3			
ERTIES FOR PH PH value (	7.65		Na + (me/L)	966 96	44			
MICAL PROP Satura- tion (%)	8 9 8 9		Mg <sup>++</sup> (me/L)	210.36	9. 16			
CAL AND CHE Texture	Si Si Si C		aturated Soil Ca <sup>++</sup> <sup>1</sup> (me/L)	47.74	4.64			
PHYSIC Sand 50-2000 micron (%)	10 10		Water Sa S0 (me/L)	151.9	3 18-9	e Gypsum <u>present</u>		
Silt 2-50 micron	45 7.0		C1 <sup>-</sup> (me/L)	1,110	33-3	Available P (ppm)	0.60 1 0	
Clay (%)	40		HCO <sup>7</sup> (me <sup>3</sup> L)	71.1	) 2.54	Total N (%)	0.02	
Depth (cm)	0- 30 30- 60		Depth (CM)	0-30	90- 30-	Depth Depth (cm)	30- 30 30- 50	<b>)</b> <b>)</b> <b>)</b> <b>)</b> <b>)</b> <b>)</b> <b>)</b> <b>)</b>
Horizon	22 22 1 1 1 1		Horizon	L54 - 1	- 2	Hori zon	L54 = 1 -	
			A-1]	5				

tions Ca+Mg (me/100g)		1	26.0	Organic	Matter Content	(8)	8.0	€ • 0	0.17				
0. L 145 Exchangeable Cations K Ca+Mg (00g) (me/100g) (me/1		l	7.2		ESP	(%)	1	1 1 1	12°0				
Va va	a 1. ja 1. ja 1. ja 1. ja 1. ja 1. ja	1 1 1 1	<b>4</b> 8		しまし	(me/100g)			32				
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE and D-2000 Satura- Elec. 1 icron tion pH cond. 1 (*) Texture (*) value (mmhos/cm) (t	18.35	19.42	20.7	ana Alfan A	+*	(me/L)	0.45	ч. -	8				
TIES FOR pH C value (	7.55	7.25	7.15		+ 54	me/L)	150	188	199				
CAL PROPER Satura- tion (%)	20	47	24		L rasce	Mg (me/L)	21.2	52.13	21.26				
AND CHEMI Texture	sict	н	sicL		Saturated Soll	Ca (me/L)	19.6	16.27	16.24				
PHYSICAL Sand 50-2000 micron	Ŋ	25	<b>10</b>		Water Satu	SO4 (me/L)	47.6	95.6	75.4	Gypsum present	11.7	1	
Silt 2-50 (%)	S	50	53			Cl (me/L)	138.9	165.52	06T	Available P (ppm)	16.0	0.48	0.95
Clay 2 micron (%)	30	<b>5</b> 5	S S S S S			HCO (me/L)	4.7	2.74	2.15	Total N (%)	0.04	0.02	600.0
Depth (cm)	9- 30	30- 60	60-120			Depth (CM)	0~ 30	30- 60	60-120	Depth Depth (~m)	0- 30	30- 60	60-120
Hori zon	L145- 1	<b>N</b> 1	M I			Horizon	L145- 1	•••• <b>•</b> •	Υ Π		L145- 1	<b>8</b> 1	m I
						A-1	L6						

		009)		red			о 11	4 4 4	e	<b>X</b>	m				: : ::	1. 1. 1.	
	Cations CatMg	(me/100g) (me/100g)	13.1	ମ ମ ମ	22.1	· · · · ·	Organic	Matter Content (%)		H	e I						
ol	Exchangeable Cations K CatMg	(me/100	<b>7.</b> 9.	2.4	с. Ч			ESP (\$)	37.7	31.7	31.7						
TLE NO. L. L	Excha	(me/100g)	10.5	10.0	0.11			CEC (me/100g)	26.5	31.5	35.0	an An an an An an					
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE No. L 10	Elec. Cond.	(mnhos/cm)	70.2	61.6	78.1	· · · · · · · · · · · · · · · · · · ·		K <sup>+</sup> (me/L)	4	6. 8	6.1						
XTIES FOF	Ha	ne	6.85	6.85	6.95			Na + (me/L)	725	616	793						
ICAL PROPEI	Satura- tion	(%)	70	71	72		L Dacto D		246.76	39.78	276-64						
L AND CHEM		Texture	SiCL	SiC	sic		Saturated Soil	Ca ++ (me/L)	112.84	90.05	39.06						
PHYSICA	Sand 50-2000 micron	(%)	15	72	17		Water Sat		157.6	112.3	4.5		Gypsum present	33 33	118.6	15.5	
	Silt 2-50 micron	(8)	20	43	42			C1_ (me/L)	630	860	0111	Available	P (mqq)	0.79	ч. Ч.	1.12	
	Clay 2 micron	(8)	35	42	41			HCO(me)L)	1.96	2.15	1.17	Total	N (8)	0.07	0.07	0-07	
	Depth	(cm)	0 - 30	30- 60	60-120			Depth (CM)	8 -0	30- 60	60-120	Depth	Depth (cm)	0- 30	30- 60	60-120	
		Rorizon	L10 - 1	<b>-</b>	ო 			Horizon	L10 - 1	N 1	m I		Horizon	<b>L10 – 1</b>	N 1	т 1	
								A-1	18								

tions	Ca+Mg (me/100g)	co œ	<b>20.</b> 4	13.5	<b>15</b>	Organic Wattor	Content (\$)	2.0	<b>2</b> .3	1.26	1.2					
L 11 Exchangeable Cations	K (me/100g)	2.2	9 ° T	2.5	1 • 8		ESP (8)	52.2	31.25	20.0	29.7					
0 Z	Na (me/100g)	12.0	0.0L	0°9	6		CEC (me/100g)	<b>5</b> 3.0	32.0	30-0	32.0					
R SOIL PROFILE	Elec. Cond. (mmhos/cm)	154.9	69.5	74.9	73.9		K <sup>+</sup> (me/L)	7-3	н У	5.	8 8					
PROPERTIES FOR	pH value	6.75	6.85	6.85	6.75		Na + (me/L)	2, 992	793	745	797					
CHEMICAL PROPE	Satura- tion (%)	65	89	72	Og	il Paste	Mg <sup>++</sup> (me/L)	132.95	274.57	304.01	212.84				- 	
	Texture	IJ	cr	υ	U	Saturated Soil	ca ++ (me/L)	10.85	49.41	15.19	60.76			-		
PHYSICAL AND	50-2000 micron (%)	40	25	30	19	Water Sa		221.8	213.2	168	112.4	e Gypsum present	81-6	76	52.2	<b>1</b> 6
Silt	2-50 micron (%)	OC 30	37.5	30	6 C		C1_ (me/L)	3,920	016	т, ооо	960	Available P (ppm)	0. 58	80 F	0.95 0	л. 35
	Clay 2 micron (%)	30 30	37.5	41	42		HCO(me/l)	1.96	1.27	1.17	1.17	Total N (%)	ri O	0.065	0.065	0.06
	Depth (cm)	0- 30	30- 60	60-120	120-200		Depth (CM)	0 <del>-</del> 0	30- 60	60-120	120-200	Depth Depth (cm)	0 -0	30- 60	60-120	120-200
	Horizon		2 1	- н	4		Horizon	$\mathbf{T} = \mathbf{T}\mathbf{T}\mathbf{T}$	N 1	м 1	1 4	Hori zon	T - TTT	1 1	м 	4
								19								

Cations	Са+Мд (me/100g)	ი ი	23.45	23.8	Organic Matter	Content (%)	2.79	0.85	े <b>ल</b> म्र	
jeable	K (me/100g)	9 	2.05	1:7		ESP (%)	36.8	22.7	13.55	
	Na (me/100g)	12.5	7.5	4.0		CEC (me/100g)	34.0	0 33.0 8	29-5	
	Elec. Cond. (mmhos/cm)	141.3	37.6	ст о		K <sup>+</sup> (me/L)	6.2	ert M	9 0	
	pH value ( <u>m</u>	6.85	7.35	7.65		Na <sup>+</sup> (me/L)	2,193	366	20	
	Satura- tion (%)	61	77	110	L Paste	Mg ++ (me/L)	515.87	107.86	12.24	
	Texture		υ	U	Saturated Soil Paste	Ca <sup>++</sup> (me/L)	62.93	18.44	6.96	
TYDISIUS	000	25	25	10	Water Satu		78.8	114.3	8.03	Gypsum present
		25	30	30		c1 <sup>-</sup> (me/L)	2,700	382.02	80	Available (ppm) 0.45 0.88 0.66
	Clay 2-50 2 micron micron (%) (%)	50	45	60		$HCO_{me}^{-}$	2.35	1.96	1.17	Total N (%) 0.14 0.04
	Depth (cm)	0- 30	30- 60	60-120		Depth (CM)	90 -0	30- 60	60-120	Depth Depth (cm) 30- 60 60-120
	I BOTIZON	<b>L14 - 1</b>	ہم ا	m 		Horizon	L14 - 1	N 1	м 1	Eorizon - 2 - 2 - 3
		• • • • • • • • • • • • • • • • • • •		:		A				

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tions	Ca+Mg (me/100g)	l	1	24.9	22.05	Organic	Content (%)	2.4	1.65	<b></b>	e e e					
. <u>M. L.</u> Exchangeable Cations	(100g)		- <b>I</b> -	r-1 r-1	0.75		ESP (\$)			13.3	18•6 1					
0 N	Na (me/100g) (me,			4.0	5.2		CEC (me/100g)		1 1 <b>1</b> - 1	08	58					
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE	Elec. Cond. (mmhos/cm)	17.0	10.45	12.7	17.9		K <sup>+</sup> (me/L)		8°-0	Τ, Τ	<b>1</b> .0					
ERTIES FOR	pH value	7.35	4	7.3	7.3		Na <sup>+</sup> (me/L)	145.0	65.0	125	180				در ۱۰ ۲۰ ۲۰ ۲۰	
MICAL PROP	Satura- tion (%)	88	60	88	80	il Paste	Mg ++ (me/L)	20.0	22.2	22.2	26.7					
AL AND CHE	Texture	sic	Sict	U	υ	water Saturated Soil Paste	Ca <sup>++</sup> Ca <sup>++</sup> (me/L)	21.6	23.5	8. 3	I8.3					
<u>Parsico</u> Sand	50-2000 micron (%)	45	S	30	25	Water Sa	S0- 10- (田e/L)		62.0	89 . 5	128.5	e Gypsum bresent	83.4	25.3	40.3	97.9
÷	2-50 micron (%)	15	50	25	30		C1 <sup>-</sup> (me/L)	10506	46.6	67	96	Available P (rorm)	1.7		1.45	1.42
	Clay 2 micron (%)	40	30	45	45		HCO(meJL)	1992	2.7	96.0	<b>1.</b> 92	Total N (%)		0.08	0.085	0.069
	Depth (cm)	0- 15	15- 50	50-100	100-150		Depth (CM)	0- 15	15- 50	20-100	100-150	Depth Depth (cm)	0- 15	15- 50	50-100	100-150
	Horizon	L – IM	<b>№</b> 1	м Т	4		Horizon	L – M	<b>1</b>	ີ ຕ ່	41 I		- TM		n I	1 4
							A-1	.22								

ations	(me/100g)	, <b>1</b>		1	30.65	Organic	Matter Content		ĩ		0.7			· · .				
Exchangeable Lations	K (me/100g)	<b>I</b> e e	: 1	1 .	0.35		ESP (e)	(6)		ł	13.9							
	иа (me/100g)	1	- <b>t</b>	<b>I</b>	5.0-		CEC		I	I	36			- - - 				• • •
Elec.	cond. (mmhos/cm)	10.95	13 <b>.</b> 1	15.5	19.8		+ X	(ure/ u)	1.15	0.7	2.0	•		· ·				
	pH value (	7.25	7.45	7.55	7.5		Na + - / - / - / - / - / - / - / - / - / -	(ure/ u)	100.0	140.0	185.5			· . · · ·			· · · · ·	
Satura-	tion (%)	40	20	60	66	i Dacte Bacte	++ <sup>5</sup> W	1me/u/ 36.0	23.2	11.7	50.5							
	Texture	SCL	S	U	Ŭ	Kator Satirated SO.	Ca ++	(ne/u/) 31.4			23.2			. 1			 	
Sand 50-2000	micron (%)	60	45	Ő	30	ת ע 1 4 3 3	so_	(me/ L) 78.7	66.15 56	59.4	42.0		e Gvpsum	present	2.7	34.2	8	ο. 21 α
Silt 2-50	micron (%)	72	15	25	25		ci T	(me/u)	ک ک	63°3	112.0	: ·	Available P	(mdd)			1 	0° -
clay	2 micron (%)	23 12	40	45	6		HCO <sub>3</sub>	(ne/u)		4.7	2.4		Total	(8)		i I	i da esta 1990 - <b>L</b> e 1991 - Esta	Ц С С С
	Depth (cm)	0- 30	30- 60	60-120	120-150		Depth				120-150		Depth Depth	(E)	0- 30	30- 60	60-120	(           
	Horizon	M7 - 1	1	 1	4 1			L		4 M	1 4			Horizon	M7 – 1	N 1	, μ	

	ations Ca+Mg (me/100g)	i i a i i as <b>p</b> i a i ta j i i j	24.05	1 1 1 1 1	Organic	Content (3)			0.7	1 1 1	
ω	Exchangeable Cations K Ca+Mg (00g) (me/100g) (me/10		- 0 95			ESP (\$)			15.25	1	
No. M	Exch Na (ns/100g)		4. 1	1		CEC (me/100g)		<b>I</b> .	29.5	. I	
SOIL PROFILE	Elec. Cond. (mmhos/cm)	14.55	25.6 12.3	12.5		K <sup>+</sup> (me/L)	0.85	0.75	<b>1.5</b>	0.25	
ERTIES FOR	pH value	7.5	7.5	7.65		Na <sup>+</sup> (me/L)	130.0	240.0	120.0	150.0	
PHYSICAL AND CHEMICAL PROPERTIES	Satura- tion (%)	40	106 106	75	oil Paste		24.5	20.6	15.0	1.6 1	
AL AND CHE	Texture	SCL	υυ	U	Water Saturated Soil	Ca ++ (me/L)	о С	12.7	105	е 4	
PHYSIC	Sand 50-2000 micron (%)	64	õ õ	IO	Water Sa	so- (me/L)	83.2	71.75	83.5	45.5	e Gypsum present 11.4 11.4 84.5 84.5 25.3
	Silt 2-50 micron (%)	10	25 25 25	40		C1_ (me/L)	76.2	198.0	61.0	96.2	Available P (ppm) 1.03
	Clay 2 micron (%)	25	44 5 0	20		HCO(me7L)	4.7	4	2.4	4.7	Total N 
	Depth (cm)	-0	30- 60 60-120	120-150		Depth (CM)	9- 30 0-	30- 60	60-120	120-150	Depth Depth (cm) (cm) 30- 60 60-120 120-150
	Horizon	M8 – 1	0 M	1		HOFIZON	M8 - 1	1	m I	1 4	M8
			toria de la com la comunicación la comunicación la comunicación de porte de port			<b>A-1</b> :	24			· · · · · · · · · · · · · · · · · · ·	

Cations Ca+Mg (me/100g)	58 - 3 58 - 3 78 - 1 78	Organic	matter Content (%)	1	- <b>-</b>	0.85			
angeable K (me/100g			ESP (%)	1 1 1	16.97	17.1	e en la companya de l En la companya de la c		
Na re/1	0 0 • • • • •		CEC (me/100g)		33	35			
Elec. Cond. (mmhos/cm)	36.5 19 16.2		K <sup>+</sup> (me/L)	1.45	3.0	α 			
rra- PH Elec. value (mmhos/cm) ()	7.25 7.4 7.5		Na <sup>+</sup> (me/L)	375	210	178			- 1:
Satura- tion (%)	70 97 11.7	l Paste	$\Sigma$	43.5	17	14 5			•
Textu	ပ်နှင့်	Saturated Soil	ca ++ (me/L)	20.6	13	12.2			· · · ·
Sand 50-2000 micron (%)	10 90 10 20 10	Water SS Sat		138.0	116	100	Gypsum present	I 69	39.5
Silt 2-50 micron (%)	20 25 40		c1 <sup>-</sup> (me/L)	299.8	125	104	Available P (ppm)	9	С• гт
Clay 2 micron (%)	50 55 50 55		HCO(me/l)	2.7	1.92	3.88	Total N (%)	0.07	0.05
Depth (cm)	0- 30 30- 60 60-120		Depth (CM)	0E -0	90- 90-	60-120	Depth Depth (cm)	0 <del>-</del> 30 30- 60	60-120
Horizon	M9 2 - 2		Horizon	M9 – 1	<b>∩</b> 1	m 1	Horizon	M9 - 1	m I
			A-1	25		· · · · · ·			

	ttions Ca+Mg (me/100g)	21.6	L 2	Organic Matter	Content (%)	0.4		0.36	
	ngeable Ca K (me/100g)	<b>6.</b> 0	0 1		ESP (\$)	13.5	l l	12.5	
	Excha Na (me/100g)	ំ	, ۲ 5		CEC (me/100g)	26	1. 1. 1. 1. 1. 1.	50	
	Elec. Cond. (mmhos/cm)	12	13. 5 5 0 4		K <sup>+</sup> (me/L)	9 -	8 0	0.4	
	pH value	7.5	7.7 7.7		Na <sup>+</sup> (me/L)	TOO	125	40	
	Satura- tion (%)	75	<b>6</b> 3	1 Paste	Mg <sup>++</sup> (me/L)	30	21.1	10.5	
	Texture	sict	sici c li	Water Saturated Soil Paste	Ca <sup>++</sup> (me/L)	10.4	14.7	5.1	
TWATEIDA	Sand 50-2000 micron (%)	30	<b>1</b> 2	Water Sat	S0_ (me/L)_	<b>96</b>	42	31	Gypsum Gypsum 68.8 39.5 39.5
	silt 2-50 micron (%)	τ τ τ τ τ τ τ τ τ τ τ τ τ τ	35 <b>4</b> 5		C1 - (me/L)	46	6-62	23	Available P (ppm) 0.95 1.3
	Clay 2 micron (%)	ŝ	20 20 20		HCO(me/L)	3.6	2:7	1.92	Total N (\$) 0.02
	Depth (cm)	0 -0	30- 60 60-120		Depth (CM)	0-30	30- 60	60-120	Depth Depth (cm) 30- 60 60-120
	Horizon	E - OIM	N M		Horizon	T - OIW	N 1	ო 1	Horizon Barison MIO I I I I MIO
					A-1	26		. :	

					Ç		• •	i se i s		• • •					:	
	ations Ca+Mg		20.5		Organic	Content (%)		0.52	1 						· · · · ·	
81	Exchangeable Cations X Ca+Mg	-	0.5	I		ESP (%)		12.5	l	:: : :					4 	· · ·
LLE NO. M 12	Excha Na		3°0	1 1		CEC (me/100g)		24	. 1 ·		· .	:				
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE	Elec. Cond.	12.1	7.5	40.8		к <sup>+</sup> (me/L)	0.75	ч •	4.0	· · · · · · · · · · · · · · · · · · ·						
ERTIES FO	щ. Q	6.9	7.4	7.15		Na <sup>+</sup> (me/L)	20	58	360	· · · ·						
NICAL PROP	Satura- tíon	52	72	09	[] Paste	Mg (me/L)	44.1	15.0	53.3							
L AND CHEM		I Texcure	IJ	SiCL	Saturated Soil Paste	Ca <sup>++</sup> (me/L)	49.9	L4 6	21.6	· · ·	199 1997				•	
PHYSICA	Sand 50-2000 micron	45	30	ТО	Water Sat	$s\overline{0}_{4}^{-}$ (me/L)	107.1	56.0	91.1	- 11 - 1 - 		Gypsum present	21.8	26.2	18.7	
	silt 2-50 micron	30	40	09		c1_ (me/L)	33.3	31.0	345.5		Available	di (mqq)		С. Т.	1 1 1 1	
	Clay 2 micron	(*)	30	N NOR NOR N N	- 	HCO_ (me /L)	4.3	<b>1.</b> 92	8 8		Total	N (%)	<b>Ì</b>	0.03		
	Depth	<u>(сш.)</u> 9- 30	30- 60	60-120		Depth (CM)	0- 30	30- 60	60-120		Depth	Depth (cm)	-00 -0	30- 60	60-120	
	an gin an an	M12 - 1 M12 - 1		ო 1		Horizon	M12 - 1	1	Ϋ́ T		 	Hori zon	M12 - 1	(N) 	, m I	
			· · · · ·		• * • • •	<b>A</b> -	127				- - -	17 9.				

		SILUIS	K Ca+Mg /mo/1004) (mo/1004)	(5007 Jam)	1 1	-1 -1 -0		18.55	Organic Matter	Content (%)				<b>.</b> 4					
M 13	ך ה יו יו יו יו יו יו יו יו יו יו יו יו יו	sinoria anna anna	1.1	1.	•	0.4	<b>I</b>	0.86		ESP (%)		9.7		8.11					
No.	ſ	X.	N2 ((1002)			2.8	e i e 1 1 1	2.6		CEC (me/100g)		<b>5</b>	1	22					
SOIL PROFILE	· ·	Elec.	cond.	(mnnos/cm)	10.3	6.13	12.2	6.13		K <sup>+</sup> (me/L)	0.6	0 0	0.55	1.0				· · · ·	
RTIES FOR		·	Нđ	Value	7.05	7.4	7.9	7.4		Na <sup>+</sup> (me/L)	55.0	55.0	100.0	59.0			 	•	
PHYSICAL AND CHEMICAL PROPERTIES FOR		Satura-	tion	(%)	10	76	85	65	il Paste	Mg ++ (me/L)	25.9	4. 4	12.0	7.0				an National National	
IL AND CHEW		• • • •		Texture	Ъ	U	U	sict	Water Saturated Soil Paste	Ca (me/L)	32.3	6.2	8.	2.0			*., 		
PHYSICA	· ·	Sand 50-2000	micron	(%)	35	59	20	15	Water Sal	S04 (me/L)	67.1	41.0	39 . 3	39.5	e Gypsum present	23.0	42.6	11.92	21.6
. :		Silt 2-50	micron	(8)	35	30	0 M	50		C1_ (me/L)	42.4	30.0	76.2	30.0	Available P (ppm)		2.74		6 T
۰۰ ۲ ۰		Clav	2 micron	(&)	Ö	41	20	35		HCO(me/L)	4.3	0.96	с С	N •	Total N (\$)	1	0.09	: 	60.0
ی - - - یا دار - ا			Depth	(cn)	0- 50	50-110	110-130	130-150		Depth (CM)	0- 50	50-110	110-130	130-150	Depth Depth (cm)	0- 20	20-110	110-130	130-150
				Horizon	M13 - 1	א ו	м I	4 1	· · · · · ·	Horizon	M13 - 1	<b>N</b> 1	<b>M</b>	1	Horizon	M13 - 1	1 1	m 1	1 4
			· .				· · ·	: 		A-1	28								

(%)         value         (mmhos/cm)         (me/100g)         (me/100	85 7.15 17.9 84 7.6 3.1 1.8 0.8 14.4	85 7.6 10.0 2.55 0.9 14.55	. 0	Na <sup>+</sup> K <sup>+</sup> CEC         ESP         Content           (me/L)         (me/L)         (me/100g)         (%)         (%)	120 1.2	120 1.2 -	25.0 0.2 24 7.5 0.84	100 1.5 24 10.6 0.24					
value (mmhos/cm) (me/100g) 7.05 18.85 -	7.15 17.9 7.6 3.1 1	7.6 10.0	. 0	K <sup>+</sup> CEC (me/L) (me/100g)			0.2	1.5					
value 7.05	7.15 7.6	7.6	. 0						· · · ·				:
value 7.05		4.	E C	Na + (me/L)	120	120	25-0						
55	8 8 4 5	85	ن ا			;		Ä		- 5- - - -			· ·
		· .	il Paste	Mg ++ (me/L)	43.1	43.6	S	8 2	:		1 		
Texture SCL	sic sic	S S S	Saturated Soil	ca <sup>++</sup> (me/L)	34.3	9.6L	m. M	<b>6.</b> 6					
(%)	10 10	0 T	Water Sat	so_4 (me/L)	<b>1</b> 0.6	82.4	13.2	36.9	Gypsum	present	4.3	13.5	87.6
(%)	50 40 50	о Ю		c1 <sup>-</sup> (me/L)	63.3	98.1	19.0	77.0	Available P	(udd)	. 1	1	
25 25	45 40	40		HCO(me/L)	4.7	ດ ຕິ ເ	1.73	3.2	Total N	(8)	н Г.,	1	0.04
(cm) 0- 15	15- 65 65- 90	90-140	· · ·	Depth (CM)	15	15- 65	65- 90	0 <b>-</b> 140	Depth Depth	(cn)	0- 15	15- 65	65- 90
- н	0 M I I	<b>↓</b>		Horizon	M14 - 1	2 1	м 1	1 4,	· · · · · · · · · · · · · · · · · · ·	Horizon	M14 - 1	N 1	<b>΄ Μ</b>
TFO TO TIT 2	(%) 15 25	(cm)         (%)         (%)         (%)           1         0-         15         25         25           2         15-         65         45         40           3         65-         90         40         50	(cm)     (%)     (%)       1     0-     15     25       2     15-     65     45     40       3     65-     90     40     50       4     90-140     40     50	(cm)     (%)     (%)       1     0-     15     25       2     15-     65     45     40       3     65-     90     40     50       4     90-140     40     50	(cm)     (%)     (%)       1     0-     15     25     25       2     15-     65     45     40       3     65-     90     40     50       4     90-140     40     50       Depth     Hco_3     (c1^-       Depth     Hco_3     (c1^-	1     0-15     25       2     15-65     45       3     65-90     40       4     90-140     40       Depth     HCO <sup>-</sup> / <sub>3</sub> C       1     0-15     4.7	1     0-     15     25     (a)     (c)       2     15-     65     45     45       3     65-     90     40     40       4     90-140     40     40       2     10-     15     4.7       1     0-     15     3.9       2     15-     65     3.9	1       0-15       25         2       15-65       45         3       65-90       40         4       90-140       40         4       90-140       40         2       15-65       45         3       65-90       40         4       90-140       40         2       15-65       3.9         3       65-90       1.73	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	(cm)     (3)       1     0-15     25       2     15-65     45       3     65-90     40       4     90-140     40       1     0-15     4.7       2     15-65     3.9       3     65-90     1.73       4     90-140     3.2       4     90-140     3.2       2     15-65     3.9       3     65-90     1.73       4     90-140     3.2       Depth     Total       Depth     N	1     0- 15     25       2     15-65     45       3     65-90     40       4     90-140     40       2     15-65     3.9       3     65-90     40       4     90-140     40       2     15-65     3.9       3     65-90     1.73       4     90-140     3.2       5     90     1.73       6     90-140     3.2       7     1     1.73       6     1.73       6     1.73       6     1.73       6     1.73       7     1.73       8     1.74       1     1.73       1     1.73       1     1.73       6     1.73       1     1.73       1     1.73       1     1.73       1     1.73       1     1.73	1     0-15     25       2     15-65     45       3     65-90     40       4     90-140     40       2     15-65     4.7       1     0-15     4.7       2     15-65     3.9       3     65-90     1.73       3     65-90     1.73       4     90-140     3.2       1     0-140     3.2       1     Depth     N       1     0-15     1.73       1     0-15     3.9       1     0-140     3.2       1     0-15     1.73	1     0-15     25       2     15-65     45       3     65-90     40       4     90-140     40       2     15-65     4.7       1     0-15     4.7       2     15-65     3.9       3     65-90     1.73       3     65-90     1.73       3     65-90     1.73       4     90-140     3.2       1     0-15     3.9       1     0-15     3.9       2     15-65     3.9       2     15-65     3.9

		. <b>1</b> .	( <u>0</u> g)	: Her A	:. :.	ŝ	e p	: 	ŋ		ţ					ዋ					. • •	• • •
	л. 1.	ations	Ca+Mg (me/100g)			16.85	18-6	20.0	Organic	Matter	Content (%)			ັດ 0	60	0.24	• • •	- - -				
15	:	Exchangeable Cations	K (me/100g)		1 -	1.05	0.7	0.6		:	ESP (%)		<b>I</b>	14.8	9 <b>.</b> 9	12.6		::: 				
Σ	•	Exch	Na (me/100g)		1	3.1	2.7	2.4		-	CEC (me/100g)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	21	28	27	•					
OIL PROFIL		ral r	Cond. (mnhos/cm)		7 <b>7.</b> 7	12.6	10.8	8°0	: <sup>*</sup>		K <sup>+</sup> (me/L)	J.	C 7 • 7	0.85	<b>1.</b> 6	0°8		 : <sup></sup>	: : : : : :	: · · ·		
ULES FOR S		ũ	pH Cc value (m	<b>.</b>	0.00	7.05	7.6	7.6		•	Na <sup>+</sup> (me/L)	000	201	87.5	100	75	• •*	an an Alight				
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE NO.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	tion (%)		00	60	80	100		L Paste	Mg <sup>++</sup> (me/L)	د <u>ر</u> د		26.1	13.3	ດ						
AND CHEMI		·	Texture		-]	SCL	U	υ	، د ب	бу ХО	ca (me/L)	σ	0	11.7	12.8	7.7				1. 		
PHYSICAL		Sand	micron (%)		C V	20	IJ	40		Water Sat	SO4 (me/L)	с 7 с г	) ) ) 	63.5	62.8	41.3		Gypsum present	0.78	9.19	70.7	56.3
.*	•	Silt	<pre>% * &gt;0 micron (%)</pre>		<b>)</b> \$	50	30	IO			Cl <sup>-</sup> (me/L)	c LO L	) • •	59.9	ê3	52	Available	ط (mqq)		р. С	л-2 Т-2	1.7
	:	•••••••••••••••••••••••••••••••••••••••	CLAY 2 micron (8)	L C		30	65	20			HCO(me/L)	<b>A</b> . 7	r P	2.7	1.73	0-96	Total	N (%)		0.045	0.05	0.01
			Depth (cm)			30- 50	50- 85	85-110			Depth (CM)	0° -0		30- 50	50- 85	85-110	Depth	Depth (cm)	0- 0	30- 50	50- 85	85-110
			Horizon			<b>N</b> 1	ო 	1 4			Horizon	M1 5 1		N I	ო 1	 4	-  	Horizon	M15 - 1	10	m I	1 4,
		•	· · ·		· · ·			- 1 + 4 - -			A-1	.30										

ations	Ca+Mg (me/100g)	1	1	16 <b>.</b> 5	Organic Wattor	Content (%)	: • •		0-77						
Exchangeable Cations	К (me/100g)	· · · · · · · · · · · · · · · · · · ·	• : • · ·	0.1	· '	ESP (%)	<b>I</b>		12.5						
Exch	Nć (me./100g)	1 ·		2.5	 	CEC (me/100g)			0	· .					. : 
	Elec. Cond. (mmhos/cm)	11.2	14.6	8 <b>.</b> 5		K <sup>+</sup> (me/L)	0 - 75	0.85	0-1	· · ·		•			
	pH value (m	7.05	7.2	7.8	 بر بر ا	Na <sup>+</sup> (me/L)	40	120	85						
	Satura- tion (%)	85	40	83	1 Paste	5.01	ዓ 6ሮ	19.4	10.3						
	Texture	U U	SI	S	Saturated Soil		31-3 31	10.7	9.9						
en Sand	50-2000 micron (%)	30	04	4 Ծ	 Water Sat		75.3	73.8	56		Gypsum	present	20-0	12.96	71.9
	2-50 micron (%)	15	15	12	a North	C1 <sup>-</sup> (me/L)	ст. 88 88	0.67	23		Available P	(udd)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 1	1.3
	Clay 2 micron (%)	2	72	40		HCO(me/L)	Т. С	3.1	3.1	· · · · · · · · · · · · · · · · · · ·	Total N	(%)	<b>t</b>	1 • 1 • • •	0.04
	Depth (cm)	0- 25	25- 70	70-130		Depth (CM)	0- 25	25- 70	70-130		Depth Depth	(cn)	0- 25	25- 70	70-130
	Horizon		2	m I		Horizon	T - LTW	<b>7</b>	m I			Horizon	M17 = 1	N 1	m 1

· ·.	•	· · · · · · · · · · · · · · · · · · ·	( <u>6</u> 0)		N	μ		į	0	, t				e Le le le Le let		•			4 1 - 1 4
		Cations	Ca+Mg (me/100g)	17.5	13.75	12.05			Urganic Matter	Content (%)	2.2	т Н	Т.2 Т.2				 	• •	•
	· · · ·		K (me/100g)	0.6	0.15	0.15		:			11.2	8.1	7.5	· .					
S 4		Exchangeable			· :	• .	•	 	·	ESP (%)				. · · ·		•	•		
No.	· .	Ĕ	Na (me/100q)	2.9	2.1	I-8		:*		СЕС (me/100g)	26	26	24					۰.	
FOR SOIL PROFILE	۰.	1			22	85				• :	3.2	: - r-1 	г - т - т	1		· · ·			
SOIL		Elec.	Cond. (mnhos/cm)	39.2	13.22	10.85				К <sup>+</sup> (Ше/L)	ň	ाल्ल । 	·			144 A.A.	· .	11 1 1.	
			ne	1	7.65	7.75		•		Na <sup>+</sup> (me/L)	416	114	109	13			4 - 4 -	· · · ·	
CHEMICAL PROPERTIES		1			· · ·			-	e		66	13	45			• •	•		
ICAL PI		Satura-	tion (%)	100	06	120		х Т.	.1 Past	Mg ++ (me/L)	107.99	31.13	15.45					·····	
AND CHEM			Texture	U U	sic	с U			Saturated Soil Paste	Са (me/L)	35.81	16.27	10,85		 1		• • • •		
					· · · · ·				Satura	່ <sub>ເຊຍ</sub> ອີ			· · ·		-		×.	 	
PHYSICAL		Sand	micron	30	01	30	• •		Water	sō_4 (me/L)	141.1	41.5	45.2		Gypsum	Tasand		6.1	
		н н 1 6 - 1	:	50	45	20				100 12	420.37	118.75	89.3	: · · ·	016	1.0	6.0	1.1	
	:	Silt 2-50		5	4	2		· ·		C1_ (me/L)	42	FI	w :	· ·	Avai				
н.,		ne ر	2 micron	50	45	50	. ·	·. ·		$HCO_{(me)}^{-}$	2.35	2.15	1.76	: :	Total	(*)	60-0	0.06	н.
• • •		ε	بندر :		60	120				1. 	0- 30	30- 60	60-120		an a tag	30	60	60-120	
			Depth		30 <del>-</del> 30-	60-120			• •	Depth (CM)	0	- 0 30 - 30	60-	· ·	Depth Depth		30-	-09	
	·····		, , ,	54 - 1 S4 - 1	() 1	m 1				Horizon	्र <b>त</b> ्र ा स	N 1	ო 1			S4 - 1	8 1	ო 1	•
· .	•		( 1	49 24		:				HOI	S4					S4			· · . · .
		· ·				t turi tari tu				A	132								

Cations Ca+Mg (me/100g)	14.95 12.05	117 <b>.</b> 8	Organic Matter Content (%)	<b>.</b> 7	*12 00 		
No. S 6 Exchangeable C K 00g) (me/100g)	0.25 0.35	<b>6</b>	(%) (%)	10.6	10.4 9.0		
d e	0 8 - - -	3	CEC (me/100g)	17	25		
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE and Satura- Elec. N -2000 tion pH Cond. N (%) Texture (%) value (mmhos/cm) (m	8.37 9.66	10.23	К <sup>+</sup> (ше/L)	6 0	1.0		
RTIES FOR PH value (	7.85	7.95	Na <sup>+</sup> (me/L)	46	99 104		
ICAL PROPE Satura- tion (%)	84 145	<b>.</b>	1 Paste Mg <sup>++</sup> (me/L)	21.12	21.96 17.38		
L AND CHEM Texture	Sic C	Sic	Water Saturated Soil So- (me/L) (me/L)	00 9 0 0	4.04 5.42		
PHYSICA Sand 50-2000 micron (%)	0 <b>1</b> 10 10 10 10 10 10 10 10 10 10 10 10 10	<b>10</b>	Water Sat So- (me/L)	44.2	51.9 33.5	Gypsum present	
Silt 2-50 micron (%)	45 30	<b>4</b> 5	C1 <sup>-</sup> (me/L)	<b>63.</b> 65	72.2 92.15	Available P (ppm)	
Clay 2 micron (%)	45 65	4 S	HCO (me/L)	1.96	2.15 2.15	Total N (%)	0.09 0.05
Depth (cm)	35- 35 34	84-150	Depth (CM)	35 90	35- 84 84-150	Depth Depth (cm)	035 35-84 84-150
Horizon	5 H 1 86	ຕ ຕ 1 (1)	Horizon	н 1 95	м м Н П	Horizon	H N M I I I S
			<b>A~</b> ]	.33 <sup>11</sup>			

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• • •	- - -	ations	Ca+Mg (me/100g)	<b>1</b>	21.8	15.4		Organic Matter	Content (%)	2.4	2 7	0.42						: :
8		Exchangeable Cations	K (me/100g)	ł	6 <b>.</b> 0	8.0			ESP (\$)	•	14.4	14.7	••	 				
LE No. M 18		Exchan	Nа (me/100g)		3°3	2.8	•		CEC 1 (me/100g)		16	19	::  :		•	•		
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE		:	Elec. Cond. (mnhos/cm)	31.5	15.5 IS	13.6	· · ·		К <sup>+</sup> (me/L)	<b>0</b> <b>1</b>	1.3	1.1				• •	: 	
ERTIES FOR		- -	рН value (п	7.3	7 - 4	7.4	• !		Na <sup>+</sup> (me/L)	250	125	130	· · ·			· · · ·		
IICAL PROPI			Satura- tion (%)	C S	80	50		il Paste	Mg <sup>++</sup> (me/L)	63.7	37.8	22.7			 			
L AND CHEW			Texture	F-1	SL	ы		Saturated Soil	Ca <sup>++</sup> (me/L)	29.4	36	16.2		e gita est la su la sua su <b>1</b>	· · · · ·			:•
PHYSICP		Sand	50-2000 micron (%)	20	65	40	- - -	Water Sat		127.9	9 2 2	59		Gypsum present	7.4	21	19.1	
		silt	2-50 micron (%)	30	20	35	:	•	C1 <sup>-</sup> (me/L)	210.4	92	108		Available P (ppm)	1.90	н. Н	N H	
· · · · · · · · · · · · · · · · · · ·			Clay 2 micron (%)	30 70	15	25			HCO(me/L)	ŝ	3.2	2.7		Total N (\$)	0.13	0.12	0.02	
			Depth (cm)	0- 20	50-110	135-160		•	Depth (CM)	0- 20	50-110	135-160		Depth Depth (cm)	0- 20	50-110	135-160	3 1
		:. 	Horizon	H	N I	m I		-	Horizon	M18 - 1	N 1	က 1		Horizon	1 1 8 LW	() 	. ທ 1	
	-  -	• • •			·				<b>A</b> -	L35					•			·

9 angeable Cations K Ca+Mg (me/100g) (me/100g)		12.1 Organic	Matter Content (%)			₩ ₩ ₩				
. M 19 Exchangeable Cations K Ca+Mg (me/100g) (me/10		1.0	(\$) (\$)			0 •				· · ·
No Na No	η l	6	CES (me/100g)			25		· · · · ·		
FOR SOIL PROFILE Elec. Cond. [1]	7.4 13.95 7.4 18.15	112.6	х <sup>+</sup> т) (me/т)	60.5	. 4. 5. 11.	855 0.4				
ROPERTIES a- pH value		• <b>b</b>	Paste Mg <sup>++</sup> Na <sup>+</sup> (me/L) (me/L)	39.4		46 <b>.</b> 5				1. 14 2. 2
AND CHEMICAL P Satur Texture (%)	SL 40 SIL 50	ů S	Soil	42.1	m	22				
PHYSICAL A Sand 50-2000 micron (%) Te	30	0 8 8	Water Saturated So <sub>4</sub> (mė/L) (me/L	79.1	100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Gypsum present	17.0	8 8	45.3
Silt 2-50 (%)	60 20 8	<b>64</b>	с1 (me/L)	65	83.8	06	Available P (ppm)			2 -
Clay 2 micron (%)	10 0		HCO (me)L)	4.7	3.1	<b>8</b> <b>7</b>	Total N (*)	1		0.13
Depth (cm)			Depth (CM)	30 -	2 30- 50	20- 20- 20- 20-	Depth Depth (cm)		2 30- 50	3 50- 80
Borizon	M19	<b>.</b> 	Horizon	M19 - 1		n an an An I an An An An An An		I - 61W	F	<ul> <li>Jahduka</li> <li>The set of set of</li></ul>
	1997년 1월 1997년 1997년 - 1997년 1997년 - 1997년 1997년 - 1997년		A-136	· · · · ·						· · · ·

				an	
ations Ca+Mg (me/100g)		Organic Matter Content	9 - 1, 1	a a a a a a a a a a a a a a a a a a a	
Exchangeable Cations K Ca+Mg (me/100g) (me/1		ESP (%)	ອີນ ຊີ້ 1. ອີນ 2. ອີນ 2. ອີ 2. ອີນ 2. ອີນ 2. ອີນ 2. ອີນ 2. ອີນ 2. ອີນ 2. ອີ 2. ອີນ 2. ອີນ 2. ອີນ 2. ອີນ 2. ອີນ 2. ອີນ 2. ອີນ 2. ອີນ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. ອີ 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	4 •	
Na Na No	н н 4 м 2 г н 8	CEC (me/100g)	18 20 20 20	**************************************	
R SOIL PROFILE Elec. Cond. ((mmhos/cm)		K <sup>+</sup> (me/L)	, 0, 7, 0, 0 , 0, 7, 0, 0	ייייייייייייייייייייייייייייייייייייי	
FOR II	7.57.2	Na <sup>+</sup> (me/L)	26 32 112.5		
CHEMICAL PROPERTIES Satura- tion PH valu	80 55 40	찍 꽃 티	10 10 10 10 10 10 10 10 10 10 10 10 10 1	200	
	sic scr scr scr scr	Saturated Soil Ca <sup>++</sup> (me/L)	3.1 48.7 7.35	2 2	
PHYSICAL AND Sand 50-2000 micron (%) Text	60 55 60 75	Water Sat So- (me/L)	2 8 8 9 1 9 8 8 9 1	oz Gypsum present	35.2 9.97 30.3
Silt 2-50 micron (%)	ນ. ກຸ ທູ ທ ທີ່ມີ 1, 24 - E1	c1 <sup>_</sup> (me/L)	26 - 5 25 - 5 25 - 5	Available P (pm)	1.26 1.8 1.8
Clay 2 micron (\$)	40 35 25 20	HCO(me/L)	9 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		0.05 0.05 0.02
Depth (cm)	0- 50 50-100 100-112 112-139 139-170	Depth (CM)	0- 50 50-100 100-112 112-139	Depth Depth (cm)	0- 50 50-100 100-112 112-139 139-170
Horizon	25 w 1 1 1 1 1 4 0 w 4 0	Horizon	Υ Υ Υ Υ Υ Υ Υ Υ Υ Υ Υ Υ Υ Υ		80 80 91 42 00 12 1
		A-137			

ations Ca+Mg (me/100g)	I7.9 Matter	Content (%) 0.22	
. M 24 Exchangeable Cations K Ca+Mg 00g) (me/100g) (me/1		ESP (%) (%) 10.95	
No Be/1		CEC ( <u>me/1009</u> )  21	
FOR SOIL PROF Elec. Cond.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	( <u>1</u> ) K <sup>+</sup> − − − − − − − − − − − − − − − − − − −	
AND CHEMICAL PROPERTIES FOR SOIL PROFILE Satura- Elec. tion pH Cond. ((	st 33 ste	Na (旧e a	
AND CHEMICAL F Satur Texture (%)	SL SL - SCL SL - SCL SL		
PHYSICAL Sand 50-2000 micron (%) T	70 55 70 70 Water Satu		e Gypsum present 42.6
Silt 2-50 (%)	ម្ម ក្ម ក្ម ស្មា ស្មា ស្មា	C1_ (#e/L) 90	Available (ppm) 6 6 1.6
Clay 2 micron (%)	25 15 70 30 81 15 126 15	HCO_ (me/l.)           25           70           81           26           1.3	Total Total (%) 81 - 126 0.06
n (cm)	<b>4</b> 3 2 1	Depth           - 1         0-25           - 2         25-70           - 3         70-81           - 4         81-126	Depth           Depth           Depth           - 1           - 2           - 3           70-81           - 4           81-126
Horizon		HOTIZON MAZA	Horizon Horizon
		A-138	en e

:	•	SUC	-Mg 2 /100a)		21.05	10.5	20.65		Organic Matter	Content (%)		: ::::::::::::::::::::::::::::::::::::	# •	<b>ඉ</b>	0.24						
ъ	: . ·	Exchangeable Cations	K Ca+Mg (me/1000) (me/1000)		0.95 2	0.4	0.85		O T T T T T	ESP Cont (%)		0 61	<b>D</b>	12.9	14.0		•				
LE NO. M 25	• • • •	Exchan	Na (me/1000)		3.0	н	3.5 3.5			CEC (me/100g)		цС	<b>)</b>	24	25				· · · ·		
SOIL PROFILE		Elec.	Cond.		11.5 11	6.5	21			K <sup>+</sup> (me/L)	i i e Teli Ful	ę,	 ▶   •	0.7	N	· .					
RTIES FOR :		μi	рН C value (m	1997 - 1997 1997 - 1997	7.3	7.6	7.5			Na <sup>+</sup> (me/L)	1	0 -	) (       	о С С	200					· ·	
PHYSICAL AND CHEMICAL PROPERTIES FOR		Satura-	tion (*)		67	50	80		l Paste	Mg (me/L)		ر م		ບ ດ	42.5			۔ س			
L AND CHEM			1004 1100 1100	ST	SiC	SL			Saturated Soil	ca <sup>++</sup> (me/L)		\$ \$	1 I ) 1	5.7	28.7		:		•	· · ·	
PHYSICA		Sand 50-2000	micron (s)	80	10	70	 		Water Sat	So_4 (me/L)		46 8		27.7	70		present	I,	48.9	57.1	32.6
•		Silt 2-50	micron	10	O S	15		· :		c1 <sup>-</sup> (me/L)		ő	) L ) S	45	200	Available P	(udd)		2.16	1.52	2.27
	· · · · · · · · · · · · · · · · · · ·	Clav	ron	10	40	15			•••••	$HCO_{\overline{3}}$ (me/L)		۲ ۲	) ( • •		3.1	Total N	(8)	1	0.07	0.05	10.0
			Depth	(cm) 0- 35	35- 84	84-100	100-160			Depth (CM)	0- 35			84-T00	100-160	Depth Depth	(cm)	0- 35	35- 84	84-100	100-160
÷ *				M25 - 1	- 3	ო 	4			Horizon	M2:5 – 1	-	1 ( <b>1</b>	M   	4		Horizon	M25 - 1	<b>8</b> 1	m I	
		· ·								<b>A</b>	139					· · · · · · · · · · · · · · · · · · ·		· · ·			

	( <u>600</u>	ň	ŝ	ហ	с ц	bt.	57	<b>ب</b> کور،	8		n n nak Line Line Tran A		· ·	
Cations	Ca+Mg (me/100g)	19 <b>.</b> 3	14.65	17-5	Organic	Content (%)	0.57	1.4	г. Т					• • • • • • • • • • • • • • • • • • •
. M 26 Exchangeable C	K (me/100g)	9°0	0.75	С О		ESP (\$)	ນ. ອ	14.4	0.11.					
NO	Na (me/100g)	2,1	2.6	2.2	• • • • :	CEC (me/100g)	22	18	20					ali da series Series Recordencias Series ali da series
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE and C-2000	cond. (mmhos/cm)	10.5	27	.5 .5		К <sup>+</sup> (пе/L)	0.8	1.3	ч. Ч	:				
ERTIES FOR	pH value	<b>7 -</b> 21	7.7	7.7		Na <sup>+</sup> (me/L)	65	62 6	20					
MICAL PROP	tion (%)	62	6	40	il Paste	Mg <sup>++</sup> (me/L)	17	32.5	13.3					
AL AND CHE	Texture	•	1	ł	Water Saturated Soil Paste	Ca ++ (me/L)	1.2	17.5	6.6					
PHYSIC Sand FO-2000	micron (%)	<b>1</b> .	1 - <b>1</b> 	1. 1.	Water Sa	S0 <sup>-</sup> (me/L)	37.7	36 - 2	13.9		5	- <u>2163614</u>	39°2	20 20
Silt 2-EO	1		1	н <sub>селе</sub> ние н селение селение к	· · · · · · · · · · · · · · · · · · ·	C1 <sup>_</sup> (ne/L)	8 S	115	96		Available P	1.3	1.4	<b>N</b> <b>H</b>
; 5	CLAY 2 micron (%)	1. 1. 1. 1.	1		:	HCO(me/L)	<b>г.</b>	1.8	2.1	· · · ·	Total N	0.03	0.07	0.06
	Depth (cm)	25 50	A	128-135		Depth (CM)	25- 50	50- 70	128-135		Depth Depth	25- 50	50- 70	128-135
	Horizon	M26 -	<b>N</b> 1		•	Horizon	M26 - 1	1	m : 1			M26 - 1	1	<b>m</b> • <b>I</b> .
						A-1	140						۰۰ ۰۰۰۰۰۰۰۰	

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		tions		Ca+Mg (me/1000)		•	10.5	i i r		9.05	Organic	Matter	Content (%)		96-0	• • • •	н. Н.	· . ·							
50	· · ·	Exchangeable Cations		К (me/100a)	(A)	I	0-T		2°0	0.7			ESP (%)		o w	10.4	с С				:. 				
TLE NO. M 20	•	Excha		Na (me /100m)	10001 1000	I I I	1.5		۲•۲	1.25		· .	CEC (me/100g)		28	26	21	· .		•				· · · · ·	
SOIL PROFILE	•		Elec	Cond.		21.8	0°6		4.0	3.0	· . · .		K <sup>+</sup> (me/L)		0.7	0.6	0.3	•	•	•••••••				· · · · ·	
RTIES FOR				) Hq T) Alleri	1	7.1	7.4		7.4	7.0			Na <sup>+</sup> (me/L)	OIT	60	42	33	11. s . s			· · .		• • • •	  - 	
CHEMICAL PROPERTIES	· . . ·		Satura-	tion (°)	(0)	50	76	) ( - 1	20 20	85		1 Paste	Mg ++ (me/L)	39.8	28.3	TO	5.3	•				· ·			
AND			· ·	0,5,14,10 E	TOYOT	SCL	Ci S	) 1	ප්	U U		Water Saturated Soil Paste	Ca ++ (me/L)	57.3	<b>18</b>	N	2.1	· · ·	· .				· · · ·		
PHYSICAL		Sand	50-2000	micron	(0)	50		)	40	ហ		Water Sat	SO <sup>-</sup> (me/L)	142	52	66	14			Gypsum present		0.94	86	73	28.6
		Silt	2-50	micron	(2)	20	ÅΓ	) j	O M	45			C1_ (me/L)	92.3	52	36	15		Available	ч (шаа)	4 4		1.64	0.94	1 •55
			Clay	2 micron	(0)	30	Ч Ч	<b>)</b> #	30	50	ala at at an		HCO(me/L)	2.9	2.7	2.88	2.3		Total	N (8)			0.05	0.06	0.07
				Depth		0- 30			60- 85	85-130			Depth (CM)	0- 30	3060	60- 85	85-130		Depth	Depth (cm)		0- 30	30- 60	60- 85	85-130
	•				UOZTIOH	M20 - 1	<b>ر</b> ا	4	ო 1	4 1	••:		Horizon		<b>0</b> 1	M I	4			Hori zon		M20 - 1	N 	m I	1 41
	1 4 -				•				·				• • • •	142		•	· · · · · · · · · · · · · · · · · · ·		:						

	* .				 1	· . ·						. · ·		1. 1.	. •		· .				
-	:	ations		Са+Mg (me/100g)	19.8	21.25	21.75			Urganic	Content (%)	0.92	1.45	о С							
	27	Exchangeable Cations		К (me/100g)	6.0	0.95	0.75		•		ESP (\$)	13.7	14.6	13.5			•				• • . •
	PROFILE No. M 27	Exch		Na (me/100g)	3 <b>.</b> 3	3.2	3.5		- - 		СЕС (me/100g)	24	26	26				1	· · · · ·		
	SOIL PROFI		Elec.	Cond. (mmhos/cm)	15	25.2	25				K <sup>+</sup> (me/L)	1.15	5.0	3.8							
	FOR		. E.	рн value (п	7.6	7.25	7.15		-		Na <sup>+</sup> (me/L)	140	297	188		-	· · · · ·		14 14 14	. <sup>1</sup> v	
•	SICAL AND CHEMICAL PROPERTIES		Satura-	tion (%)	73	46	72	11 - 12 - - 1		l Paste	++ Mg (me∕L)	30.4	38.44	55.38	÷ .		· · ·				
	LL AND CHEM			Texture	1	Ц	SiC			Saturated Soil	Ca (me/L)	13.5	9.76	13.52						: • •	
·	PHYSIC	Sand	50-2000	micron (%)		40	OT			Water Sat	sō <sup>-</sup> (mė/L)	48.1	112.6	116.4			Gypsum present	24.5			
		Silt	2-50	micron (%)		40	45				с1 <sup>-</sup> (me/L)	135	235.6	214.6		Available	P (nqq)	ы Н	9 -	1.83	
			clay	2 micron (%)		20	45	•			HCO <sup>-</sup> (me <sup>3</sup> L)	2.3	3.52	2.35		Total	N (%)	0.05	0.075	0.16	
				Depth (cm)	23- 75	75-132	132-170				Depth (CM)	23- 75	75-132	132-170		Depth	Depth (cm)	23- 75	75-132	132-170	
•		:		Horizon	M27 - 1	N 	n N			· · · · · · · · · · · · · · · · · · ·	Horizon	M27 - 1	10 1 1	ິ <u>ຕ</u> 1. <b>1</b> [14]			Horizon	M27 – 1	N 1	m I	
				·					. * :	•••	A-1	.43	:								

	ations Ca+Mg (me/100g)	<b>T</b> 3-3		15.2	19-1	Organic Matter	Content (%)	2.05	2.85	2.3	<b>1</b> .8	
58	Exchangeable Cations K Ca+Mg 00g) (me/100g) (me/1	0.6	1	0.8	0.5		ESP (%)	18.1	1 1		8 8	
No. M	Excha Na (me/100g)	2.1	1 1 1	2.0	2.4	:	CEC (me/100g)	16	· · · · · · · · · · · · · · · · · · ·	81	58	
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE	Elec. Cond. (mmhos/cm)	19.42	17.21	16.68	11.63		K <sup>+*</sup> (me/L)	6. T	<b>J.</b> 6	1.6	2.2	
RTIES FOR	pH Value (m	6.95	7.05	7.25	7.75		Na <sup>+</sup> (me/L)	188	175	169	112	
ICAL PROPE	Satura- tion (%)	34	65	70	35	il Paste		· · · ·	45.44	34.4	I3.69	
AL AND CHEM	Texture	SL	н	sic	۰ . ب	Water Saturated Soil	Ca (me/L)	16.27	12.52	21.7	6.51	
PHYSICA	Sand 50-2000 micron (%)	55	35	OT	25	Water Sa	SO4 (me/L)	95.6	87	92.7	45.3	e Gypsum present 11.2 9.6
	Silt 2-50 micron (%)	27.5	45	45	30		C1_ (ne/L)	1	145.21	130.42	86.95	Available P (ppm) 1.4 1.54 3 1.7
• • • • ـ ـ ـ	Clay 2 micron (%)	0 17.5	20	45	0 45		HCO(me/L)	40 2.74	0 2.35	5 2.94	0 2.94	Total N (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)
	Depth (cm)	0-40	2 40- 60	3 60-125	4 125-200		Depth (CM)		2 40- 60	3 60-125	4 125-200	Depth Depth (cm) 3 60-1 3 60-1
:	Horizon	M28 -		1	an a <b>n</b> an t <b>i</b> a da a a ag		Horizon	M28			1	Horizon National Solution National Solution National Solution
:					· · · ·		<b>A</b> -	144	in an			

	9 - A A.	· · · · ·							. <b>.</b>	. 1.
	ations Ca+Mg (me/100g)	20.4 21.8	25.5 21.2 Organic	Matter Content (%)	• • •	1.2 3.0	00 			
5	Exchangeable Cations K Ca+Mg 00g) (me/100g) (me/1	н е н н	ਜ ਦ 4 9	ESP (%)	14.4	14.4 13.2	11.4			
ILE NO. M	Excha Na (me/100g)	ທີ່ ຕໍ່ຄື ຕໍ່	4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	CEC (me/100g)	<b>35</b>	27 31	00 CN			
SOIL PROFILE	Elec. Cond. (mmhos/cm)	16.83 19.28	29.3 14.3	K <sup>+</sup> (me/L)	3, S	9.7 3.7	0.8			
PROPERTIES FOR	pH value	7.45	7.35	Na <sup>+</sup> (me/L)	166 1	188 336	80			
CHEMICAL PROP	Satura- tion (%)	44 76		Mg ++ (me/L)	39.74	36.48 64.55	85.2			
CAL AND CHE	Texture	ਪ ਮ ਹੋ ਹ	ບ່ບ	aturated SOLL Ca (me/L)	9.76	13.02 24.95	Q			
DISYHO	Sand 50-2000 micron (%)	40 10		warer sa So (me/L)	73.9	61.4 163.9	61.7	e Gypsum present		
	Silt 2-50 micron (%)	40 45	<b>5</b> 0 <b>5</b> 0	c1 <sup>-</sup> (me/L)	142.45	175.75 263.62	116.55	Available P (ppm)	2.3 1.0	1.13 1.13
	Clay 2 micron (%)	20 45	20 20	$HCO_{(me)}^{-}$	3.13	2.35 1.96	2.94	Total N (%)	0.055	0 0 0
	Depth ( (cm)	0- 40 40- 75	75-125 125-200	Depth (CM)	0- 40	40- 75 75-125	125-200	Depth Depth (cm)	0- 40 40- 75	75-125 125-200
	Horizon	M29 - 2	m <del>g</del>	Horizon	M29 - I	1 I	-54 -1	Horizon	M29 1 1 2	ί 1 ώ 4,
				A-1	45					

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						gana a Turi Ali a		•		* . *	. ·			
ations Ca+Mg (me/100g)	12.1	0.0 13.0	2 - - - - - - - - - - - - - - - - - - -	Organic Watter	Content (%)	1-66		1-37						•
. M 21 Exchangeable Cations K Ca+Mg 00g) (me/100g) (me/1	9 • 0	0°3	и 5		ESP (%)	6°3	T1.3	4.5						
No Na	м Т	1.7			CEC (me/100g)	77	15	22						
FOR SOIL PROFILE Elec. Cond.	8 <b>.</b> 5	0.0	<b>7</b>		K <sup>†</sup> (me/L)	۲. ۲	<b>9</b>	0.4			· · · · ·		· · · · · · · · · · · · · · · · · · ·	
	7.2	м , , , , , , , , , , , , , , , , , , ,	<b>0</b> •		Na <sup>+</sup> (me/L)	76	24	40			-  			
AND CHEMICAL PROPERTIES Satura- tion pH (%) valu	60	8 9 9	G	1 Paste	Mg ++ (me/L)	19.5	7.1	2.8						
	х С	មី	21(1	Saturated Soil	ca ++ (me/L)	7.3	2.1	<b>.</b> <b>.</b> <b>.</b> <b>.</b>						
PHYSICAL Sand 50-2000 micron (%)	45	00 F	2 2 4 4	Water Sat		48 6	14	Q		Gypsum present	41.9	72.9	43.9	
Silt 2-50 micron (%)	12 1	3S A	0 0		C1 <sup>_</sup> (me/L)	5.25	20	37.5	Available	d (mdd)	2.7	0.81	1. 3	
clay 2 micron (%)	40	s g	2 2	· · · · ·	HCO(meJL)	2.88	2.5	2.49	Total	N (&)	60-0	0.06	0.07	
Depth (cm)	38- 60	60-100			Depth (CM)	38- 60	60-100	100-150	Deoth	Depth (cm)	38- 60	60-100	100-150	
Horizon	M21 - 1	0 0	in (1997) ĵ., 1997, 199		Horizon	M21 - 1	N 1	M I		Horizon	M21 -	<b>N</b> 1	n L	
	· · · · · · · · · · · · · · · · · · ·				<b>A-1</b>	.48	· · · · · · · · · · · · · · · · · · ·					н н н н н		
	: * * *	°≁		. *			:		anto da Alto da Log					:

Cations Ca+Mg ) (me/100g)		20.6 14.2	Organic Matter Content (%)		0.25 1.5		
geable C K me/100g)	1 - 1 1	0.8	4SE (\$)	: • • • •	14.4 10.6		
LE No. M 22 Exchanc 11a (me/100g) (t	 	3.6 1.3	CES (me/100g)		25 17		
CHEMICAL PROPERTIES FOR SOIL PROFILE NO. E Satura- Elec. tion ph Cond. 11a tre (%) value (mmhos/cm) (me/10	1)	17.6 6.0	K <sup>+</sup> (me/L)		2.0		
zRTIES FOR pH pH value (n	1 1 1 1 1	7.2	Na <sup>+</sup> (me/L)	1 1 1	200		
11CAL PROPE Satura- tion (%)	- <b>1</b> - <b>1</b>	50 87	tl Paste Mg <sup>++</sup> (me/L)		13.5 12.5 13.5		
NL AND CHEN Texture	ម ម	S CI SiC	Water Saturated Soil Paste So- (me/L) (me/L) (me/L)	• <b>1</b> (1) • <b>1</b> (1) • • <b>1</b>	9.2 4.2		
PHYSICAL AND Sand 50-2000 micron (%) Textu	0 08 30	6 2	Water Sat SO (me/L)		8 8 6 7	e Gypsum present	49 - 5 - 5 - 5
Silt 2-50 micron (%)	64 0 0	50 <b>4</b> 0	C1_ (me/L)		140 50	Available F (ppm)	
Clay 2 micron (%)	o o m m	35 41	HCO_ (me)L)		2.88 1.9	Total N (%)	- 00.00
Depth (cm)	0- 35 35- 60	60-120 120-140	Depth (CM)	0- 35 35- 60	60-120 1 120-140	Depth Depth (cm) 0-35	35- 60 60-120 120-140
Horizon	M22	ο 4	Horizon	M22 1	6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Horizon M22 - 1	
			A-1	49			

	n Nua Nua							, , , , , , , , , , , , , , , , , , ,	n in N King King King			
•	•					-	. 1	1.28	0.08	160-165	I I	
· · · · · · · · · · · · · · · · · · ·					:			1.77	0.14	92-160	1 4	
				· ·				0.72	0.14	75- 92	ິ M	
							10.4	г. Т	0.1	22- 75	2	
			• • •					1.61	0.1	0- 22	M30 – 1	
		· · ·	:		: 		present	(mdd)	(%)	; (町)	Horizon	• . •
·		: :					GUDSIIM	AVALLADIC	N	veptn Denth		
-	:			•	: *			Attailie Attail		Donth		
			•			1.			-			
·-5	11.3	JE JE		296	56.96	18.44	127.5	247.9	3.13	160-165	ц I	
2.75	11.7	24	۳. ۲.	153	42.71	15.19	9.4	203.5	. I.56	92-160	 4	
80 7	12.7	30	2.9	316	128.85	22.55	161.5	316.81	3.13	75- 92	m I	
1.98	12.4	36	4.1	855	51.91	58.59	284.1	684.5	1.96	22- 75	N. 1	• :
1.9	15.4	26	2.6	207	56.83	23.87	88.7	199.8	2.15	0- 22	M30 – 1	0
Content (%)	ESP (%)	CEC (me/100g)	K <sup>+</sup> (me/L)	Na (me/L)	Mg (me/L)	са (ше/L)	SO (me/L)	с1 <sup>-</sup> (ше/L)	HCO <sup>7</sup> (me/l)	Depth (CM)	Horizon	A-15
Organic					1 Paste	curated Soil	Water Saturated					· . · . ·
		t	·: ·				· · · · · · · · · · · · · · · · · · ·	· · ·				
22.7	г.0	4.3	26.9	7.05	34	SI	70	20	TO	160-165	n I	
20.25	0.95	2.8	16.41	6.85	48	ы	45	45	10	92-160	4	
24.9	1 <b>.</b> 3	3.8	34.2	6.65	74	sic	10	50	40	75- 92	ო 1	
28.5	9 	2.9	65	7.55	67	SiC	PO	49	T <b>T</b>	22- 75	<b>N</b>	
27.1	1.8 1.8	4.1	22.2	7.55	61	SiCL	IO	60	30	0- 22	МЗО – Т	
	~	(me/100g)	(mnhos/cm)	ne	(%)	Texture	(&)	(%)	(%)	(cii)	Horizon	
Ca+Mα Ca	¥	N.P	Elec. Cond	ш С щ С	Satura- tion		50-2000 micron	2-50 micron	Clay 2 micron	Depth		
Cations	Exchangeable (	Exch				· . · .	Sand	Silt		·		
187 8 1 1 1		· ·			:		•	· :				
•	30	ILE No. M 30	SOIL PROFILE	RTIES FOR	AND CHEMICAL PROPERTIES FOR SOIL	AL AND CHEM	PHYSICAL					
•											•	

Ca+Mg (me/100g)	16 18 18 22 22 22 22 0rga (%)	1.0 0.84 0.95 0.77	
lo. M 32 Exchangeable Cations K Ca+Mg 00g) (me/100g) (me/1		13.0 - 17.5 12.7 14.2	
Na Na/1	2.6 - 5.1 2.8 3.7 (me/100g)	7 7 7 8 <sup>1</sup> 7 7 7 7 7 7	
R SOIL PROFILE Elec. Cond. ((	18.24 35.25 32 14.24 14.24 25.8 (me/L)	е п о н е е п о н е	
0 E	7.6 7.7 7.85 7.85 6.95 Na <sup>+</sup> (me/L)	162 300 326 133 252	
CHEMICAL PROPERTIES Satura- tion pH te (3) value	69 62 65 91 63 63 Mg <sup>++</sup>	52.21 54.0 85.73 34.16 81.31	
AND	SCL SCL SCL C C SiCL SiCL Ca <sup>++</sup> Ca <sup>++</sup> (me/L)	26.69 29.4 23.87 18.44 15.19	
PHYSICAL Sand 50-2000 micron (%)	50 SCL 50 SCL 60 SCL 30 C 20 SÍCL Water Saturated Soil Sõd (mé/L) (me/L)	8.03 130.7 191.6 13.6 13.6 122.5	Gypsum present 3.5 6
Silt 2-50 (%)	25 25 25 25 45 CL 1) CL	235.87 252.3 246.05 171.15 228.95	Available (ppm) 1.7 1.30 1.9 1.52
Clay 2 micron (%)	25 25 35 35 11) 11)	2.74 1.96 2.94 2.54	Total N (%) 0.05 0.05 0.05 0.05
Depth (cm)	0- 50 50- 95 95-125 125-142 142-180 142-180 CCM)	0- 50 50- 95 95-125 125-142 142-180	Depth Depth (cm) 50- 95 95-125 125-142 142-180
Horizon	M32 - 1 832 - 1 80rizon	₩ 1 1 1 1 1 ₩ ₩	HOTIZON 332 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	<b>A-15</b>	en el forma de la conservación de En el conservación de la conservación En el conservación de la conservación	

	នុក្ខ	Nr.	/100g)	28.1	20.0	22.1		Organic	Matter	Content (%)	ц, г	н 8	ហ ។			•					
	Exchangeable Cations		e/100g)	8.0	1.2	4		0x0	Mat	ESP Cont (%) (%)	20.4	21.5	0.9L		•	•			:		
E No. S 2	· · · ·	Na V	/100g)	6.1	00 50	ດ ກ				CEC ES (1000) (1	25	27	29	:			-				
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE		Elec.	(mnhos/cm)	59 . 5	52.2	58.5				K <sup>+</sup> C (me/L) (1	<b>4</b> <b>7</b>	6 	4.1		• .						
RTIES FOR		ы С н г	an	7.15	6.95	6.95				Na <sup>+</sup> (me/L)	697	576	646		· · · · · ·					· · ·	
CAL PROPE	· · · · · · · · · · · · · · · · · · ·	Satura-	(%)	70	112	65			L Paste	Mg ++ (me/L)	129.73	112.34	187.61				•				
AND CHEMI	:		Texture	sict	sic	뉭		ן   	rated Sol	Ca <sup>++</sup> (me/L)	59.67	31.46	36.89	·	· ·				· · ·		
PHYSICAL	Sand	50-2000 mi 0700		20	10	40		Ċ	r sati	S0_4 (me/L)	147.2	95 °C	132.5		-	Gypsum	present	0.96			
	· 	2-50 micron		45	50	30	•			C1 <sup>-</sup> (me/L)	741	631.75	741			Available P	(Indd)	88	0.7		
		Clay 2 mícron	(8)	35	40	00		.1:		HCO(me/L)	1.17	1.56	0.98			Total N	(\$)	0.08	0.095	0.08	
		Denth	(CIII)	0- 44	44- 98	98-150				Depth (CM)	0- 44	44- 98	98-150		. :	Depth Depth	(cm)	0- 44	44- 98	98-150	
			Horizon	s2 - 1	1 1	e N N			•	Horizon	S2 - 1	1	M I				Horizon	S2 - 1	1	ო I	
			· · · · · · · · · · · · · · · · · · ·							A-1	52										

	÷.,	4 A					·	. 14	1.		• •		·			1. A.	. 4.	•		· · .	
	Cations	Ca+Mg (mc /1004)	JO VE	رہ ہے۔ ۲۰ ۲	17.8	17.15	21.65		Urganic	matter Content (%)	2.2	0.34	1.04	2.8	2.4		-				
<u>د</u>	Exchangeable C	K (mo /1002)	U BE		9.0	1.05	0.95			ESP (\$)	12.8	13.3	12.4	17.3	13.1		• • •	· · · · · · · · · · · · · · · · · · ·	•		
No. S	Exch	Nč (mo /1004)	16001 10m	5	5.6	ເຊິ່	3.4		•	CEC (me/i00g)	<b>18</b>	15	21	22	26	· · · ·					
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE	· · ·	Elec. Cond. (mmhoc /cm)	23.1	15.4	21.2	35.5	28.1			K <sup>+</sup> (me/L)	2.8	Н.2	2.8	3.6	2.4						
RTIES FOR		Hq	1	7.8	7.85	7.25	7.35	•. •		Na <sup>+</sup> (me/L)	217	134	192	357	297					. •	
ICAL PROPE	· · · · · ·	Satura- tion	80	08	67	85	100	. б. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 Paste	Mg (me/L)	55.21	63 74	51.88	100.63	62.26	2 1 3				· · · · · · · · · · · · · · · · · · ·	
L AND CHEM	· · ·	Тох то то то	sic	sc	U	sic	Ö		Water Saturated Soil	Ca (me/L)	39, 49	9, 76	13.02	37.97	18.44					•	
PHYSICA	Sand	50-2000 micron	5	45	40	IO	30		Water Sat	So_4 (me/L)	103.5	81.3	34.7	212.6	291.1	Gypsum present	2.72	5.44	4 <b>.</b> 1	21.4	
	Silt	2-50 micron	50	15	01	4 7	15			C1 <sup>-</sup> (me/L)	207.1	125.4	223.25	284.05	87.87	Available P (ppm)	8	1.7	н. 54	0.4	1.2
	· · ·	Clay 2 micron	45	40	50	45	55 5			$HCO_{\overline{A}}^{-}$ (me $\overline{A}L$ )	4.11	1.96	J.96	1.96 1	1.76	Total N (%)	0.11	0.02	0.05	0.14	0.12
	• • •	Depth (cm)	0- 50	50- 75	75-100	100-130	130-150			Depth (CM)	0 20	50- 75	75-100	100-130	130-150	Depth Depth (cm)	0- 50	50- 75	75-100	100-130	130-150
			1 - 1S	- 3	ო 1	4	ы Ц			Horizon	S7 - 1	() I	ო 1	і 4	ц П	Hori zon	S7 - 1	1	. M . I	4	ม 1
						 		rie Dona Heine Heine		A-1	53		· · · · · · · · · · · · · · · · · · ·	· ·	• • •						

ations		K Ca+Mg (me/100g) (me/100g)		16.8	23.7	12.1		Organic	Matter Content		2.8	1.06 I	2.4	2.0			•				· · · · · · · · · · · · · · · · · · ·
Exchangeable Cations				• •	- 4	л. 2 Т			ESP (+)		11. 	г. 8	14.9	26.1	•	· · · ·				1	
Exch		Na (me/100g)		2.2	4.4	4.7	:		CEC (mo /1004)	16001 1000		27	29.5	18	: • •	•		• • •			
•	Elec.	Cond. (mahos/cm)	C V	10.0	26.4	36.9			K+ (mo /r)		4.0	6-0	3.1	З. 4	 :				. ·	۰ ۱۰۰۰۰۰۰ ۱۰۰۰۰۰۰	· ·
•	•	pH value (I	L L	7.8	7.6	7.55			Na + (mo /r)		320	88	286	396	:					•	· · ·
· .	Satura-	tion (%)	0F	94	87	60		1 Paste	Mg ++		85.3	22.92	54.84	88.92	• • •	• . 	· .	· ·	· · ·	•	• • • •
· · · · ·		Texture	SiC	ີ ເບ	<b>ט</b>	SL	· · · · · ·	Saturated Soil Paste	Ca ++		56.8	8.68	17.36	30.38			·				
Sand	50-2000	micron (%)	16	35	35	7.5		Water Sat			203.3	9.6	64.8	197.5		Gypsum	present	6.4	1.92	10.1	
Silt	2-50	micron (%)	42	20	15	15			c1_ ,, ,,		257	OII	300.2	32		Available P	(mđđ)	1.9	1.7	I.3	1.1
	Clay	2 micron (%)	42	45	50	10		•	HC0_1	( <u>n/am</u> )	2.8	1.96	2.10	1.76	· : 	Total N	(8)	0.14	0.05	0.12	0.10
		Depth (cm)	0- 30	30- 60	60- 85	85-120			Depth		0- 30	30- 60	60- 85	85-120		Depth Depth	(CB)	0- 30	30- 60	60- 85	85-120
		Horizon	S8 - 1	1	m F	- 4				1077700	- <b>1</b> 88 8	N 1	m I	н 4			Horizon	S8 - 1	1	м 1	4
	· · ·								<b>A</b> -	•15	4										

PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL PROFILE

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		Cations	Ca +Mg		11.6	13.85	19.05	21.0	o inerro		Content (%)	2.3	2.1	2.1	2.8							
თ		Exchangeable C	×	(me/100g)	0.8	0.65	0.65	ရ			ESP (%)	10.4	14.7	10.45	12.4							
No. No		Exch	Na	(me/100g)	2.6	5	2 • 3	г <del>.</del> • Ю			CEC (me/100g)	25	17	22	25			•	:			···· • • • • •
FOR SOIL PROFILE			Elec. Cond.	(mmhos/cm)	16.9	21.3	31.4	41.9			К <sup>+</sup> (me/L)	ଷ ମ	2.1	°.9	្លាំ		· . · · ·	• . • .	· · ·		-	
RTIES FOR				ne	7.65	7.6	7.65	7.05	· · · · ·		Na <sup>+</sup> (me/L)	158	197	337	407	•			Age San Sa			
PHYSICAL AND CHEMICAL PROPERTIES			Satura- tion	(%)	O B S	09	67	80		l Paste	Mg (me/L)	39.95 5	49.01	65.16	136-83	· .						
L AND CHEM				Texture	υ	sicr	SC	2 2 1 1		Saturated Soil	Ca <sup>++</sup> (me/L)	24.95	36.89	26.04	45.57	, , , , , , , , , , , , , , , , , , ,					···.	
PHYSICA		Sand	50-2000 micron	(8)	4	10	S S	1000 1000 1000 1000 1000 1000		Water Sat	$so_4^{(me/L)}$	130.7	7.9	104.7	291.9			present	4. <b>1</b>	<b>1</b>	6.64	
		Silt	2-50 micron	(%)	15	60	15				Cl <sup>-</sup> (me/L)	148.2	275.5	323.95	296.4		Available b	(ppn)	0.95	1.2	<b>1</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 0
			Clay 2 micron	(%)	4 2	30	35	1	ja Arri		$HCO_{me^{3}L}$	2.94	2.54	2.54	4.11		Total	در (&) ۲	0.115	0.105	0.105	0.15
· · ·	.4 		Depth	(cm)	0-	42- 68	68-115	115-140		· · · · · · · · · · · · · · · · · · ·	Depth (CM)	0- 42	42- 68	68-115	115-140		Depth	(cm)	0- 42	42— 68	68-115	115-140
				Horizon	г S S		ო I	לי ו		• •	Horizon	S9 - 1	2	m I	н 4		n a fi	Hori zon	S9 - 1	8	<b>m</b> 1	н 44
								· . • ·	: 		A-1	55					•		·			

			1				•				an ta K	: ·					
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ca+Mg (me/100a)	1	14.4	17.7		Organic	Content (%)	ъ. В.	2.4	2.35	00 • •				• • •	
10				• • • •	г.	1		ESP (\$)	\$	18.4	17.4			· · · · · · · · · · · · · · · · · · ·	···		
No. S	2, } 4	11a 11a (me /1000)		3°2	4.0	на. Пар		СЕС ( <u>me/100g)</u>	• * * • • • • • • • • • • • • • • • • •	19	23	2		•			
R SOIL PROFILE		Elec. Cond. (mmhos/cm)		43.7	38	115.5		K <sup>+</sup> (me/L)	0.2	б <b>.</b> 8	3.2	10.0					
ERTIES FO		Hq au lew	7.7	7.65	7.5	7.45		Na <sup>+</sup> (me/L)	360	496	426	1,100			· · .	· · · · · · · · · · · · · · · · · · ·	
ICAL PROP		Satura- tion	50.	74	64	80	1 Paste	Mg <sup>++</sup> (me/L)	75.7	85.07	78.19	222.6				22 - 12 -	•
PHYSICAL AND CHEMICAL PROPERTIES FOR SOIL		45 45	SiL	sic	SCL	SiC	Saturated Soil Paste	Ca <sup>++</sup> (me/L)	46.5	41.23	35.81	51.4		•	· · · ·		
PHYSICA	י. ייייייייייייייייייייייייייייייייייי	sand 50-2000 micron	30	IO	20	0 T	Water Sat	$\sim$	156.9	225.2	192.4	248.9	e Gypsum present	8	<b>i</b>	• <b>1</b> •	. <b>t</b> 1
		2-50 micron	60	45	25	45	· · · · · · · · · · · · · · · · · · ·	C1_ (me/L)	318.9	400	350	1132.8	Available P (ppm)	1.4		Т°Т	1.5
		Clay 2 micron	10	45	25	45 5		HCO(me/l)	9.9	1.17	1.56	2.3	Total N (%)	01.0	0.12	0 12	0.09
		Depth	<u>10- 60</u>	60-140	140-170	170-200		Depth (CM)	0- 60	60-140	140-170	170-200	Depth Depth (cm)	0~ 60	60-140	140-170	170-200
	· · · · ·		1 - 1 S10 - 1	7 1	m I	4		Horizon	SI0 - 1	8	n 1	1 4	Hori zon	S10 - 1	N 1	m I	1 4,
							•	<b>A-1</b> 56			· · ·				- - -		

## Three Phase of Soil and Coefficient of Water Conductivity λ.

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Note			Uncultivated		· · · · ·	· · ·		Uncultivated					Uncultivated					Uncultivated				
ficient of Water Conductivity		(sec)				Average	$(4.0 \times 10^{-4})$					$(9.5 \times 10^{-4})$				n Thu Ba	$(6.0 \times 10^{-4})$					$(1.7 \times 10^{-3})$
Coefficient Conducti		( <u></u>	6.32 x 10 <sup>-‡</sup>	$4.77 \times 10^{-4}$	$5.02 \times 10^{-4}$	9.24 × 10 <sup>-5</sup>	2.86 x 10 <sup>04</sup>	$2.05 \times 10^{-3}$	$6.81 \times 10^{-4}$	$7.03 \times 10^{-4}$	$3.67 \times 10^{-4}$		5.61 x 10 <sup>-4</sup>	$7.84 \times 10^{-4}$	5.95 x 10 <sup>-4</sup>	$7.49 \times 10^{-4}$	$3.32 \times 10^{-4}$	$1.70 \times 10^{-3}$	$6.54 \times 10^{-4}$	$7.46 \times 10^{-5}$	$2.57 \times 10^{-4}$	5.95-x 10 <sup>-3</sup>
Moisture Ratio		(&)	61.0	49.5	50.3	80.4	85.9	46.8	46.8	71.0	76.8	77.2	54.1	40.6	41.4	42.7	33.1	39.8	37.8	38.9	57.9	78.8
Apparent Specific	Gravity		1.00	1.13	1.09	0.84	0.81	1.16	1.17	0.92	0.87	0.87	1.09	1.21	1.26	1.24	1.41	1.11	1.14	1.17	1.04	0.84
	Phase (VA)	(%)	0.8	1.0	3.7	<b>0</b> .8	0	1.7	0.7	0.0	8°.0	0.4	0.0	7.2	0.0	0.0	0.0	13.7	13°8	10.0	0-0	0.0
	Phase (VL)	(%)	61.3	55.7	55.0	67.5	69.5	54.4	55.0	65.3	66.5	66.9	58.9	47.1	52.4	53.1	46.7	44.3	43.1	45.7	60.6	67-6
Three       Sollid	Phase (VS)	(%)	37.9	42.5	41.3	31.7	30.5	43.9	44.3	34.7	32.7	32.7	41.1	45.7	47-6	46.9	53.3	42.0	43.1	44.3	39.4	32.4
No.		(E)	<b>9</b>	20	30	50	80	10	20	30	50	80	3 10	20	0 C C	20	08	10	20	30	50	80 B

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sof Soil     Apparent Apparent (VL) Phase (VA)     Apparent Specific Specific (a)     Moisture (a)       2     3.2     1.02     56.9     5       5     0.0     1.04     57.8     1.       5     0.0     0.97     65.7     6       1     0.0     0.48     172.8     8.       1     0.0     0.48     172.8     8.       2     0.0     1.02     60.0     3.       3     0.0     1.02     60.0     3.       4     0.0     1.05     57.3     3.       5     0.0     1.05     57.3     3.       6     0.0     1.05     57.3     3.       6     0.0     1.05     57.3     3.       6     0.0     1.05     57.3     3.       6     1.05     57.3     3.       7     0.0     0.03     54.3     3.       6     1.05     57.3     3.       7     0.0     1.05     57.3     3.       7     0.0     1.05     57.3     3.       7     0.0     0.03     57.3     3.       7     0.0     0.03     57.2     9.       7     0.0	Water Y		Cultivated		age -4	x 10 <sup>-1</sup> )	Cultivated			· · ·	x 10 <sup>-4</sup> )	Cultivated				$x  10^{-4}$	Caltivated				$\times 10^{-4}$
Section     Apparent       Iid     Gas     Specific       (vL)     Phase (vA)     Specific       5     0.0     1.02       5     0.0     1.02       6     0.0     1.02       3     0.0     1.02       3     0.0     1.02       4     0.0     1.02       3     0.0     1.02       3     0.0     1.02       4     1.05     1.05       5     0.0     1.05       6     1.05     1.05       1     0.0     1.05       2     0.0     1.05       4     0.0     1.05       6     1.26     0.83       1     0.0     0.74       7     0.0     0.74	0		× . ×	N N	x 10-5	(3.3		$4.17 \times 10^{-4}$	x 10	×	10-4 (2.5			9.74 x 10 <sup>-5</sup>	×	x 10 <sup>-4</sup> (4.0	X	×		2.85 x 10 <sup>-5</sup>	(2.0
Soil       Soil         (VL)       Phase         5       0.0         4       0.0         3       3.2         3       0.0         4       0.0         6       1.2         1       1.2         2       0.0         3       0.0         4       0.0         5       0.0         6       1.2         1       1.2         1       2.4         0       0.0         1       2.4         0       0.0	Moisture Ratio	(%)	56.9 57.8	65.7	172.8		60.0	63.4	57.3		1 E 1	53.8	58.1	57.2		97.6	49.5	72.3	101.0	56.1	52.5
is     of     Soil       (VL)     Phase       5     0       6     4       6     0       1     0       6     4       6     0       1     0       1     1       1     0       1     0       1     0       1     1       1     0       1     1       1     0       1     0	Apparent Specific Gravity		1.02 1.04	0.97	0.48	1	1.02	0.98	1.05	1.09	1.26	1.05	1.04	1.05	0.83	0.74	0.12	0.91	0.72	1.07	1.11
	Gas Se S	(%)	0.0 .0	0.0	0.0		0.0	0.6	0.0	0.0	0.0	4.0	0.0	0	1.2	0 0	2.4	0.0	0.0	0.0	0.0
	Phases of Liquid Phase (VL)	(%)	58.2 60.5	63.5	82.1		•, •	62.3	60.3	59.0	52.5	56.4	60.6	60.2	67.6	72.1	55.4	65.7		59.8	58.2
Three Solid Three Solid Phase (VS) [4] (*) (*) (*) 38.6 (*) 33.6 (		(%)	38.6 39.5	1911 <b>-</b> 1913	17.9	1	38.6	37.1	39.7	• • *	47.5	. •**	39.4	39-8	31.2	]	•**		27.2	40.2	41.8
No. Depth 5 (cm) 30 50 30 8	e ga e .	(cm)	10 20	e Se Se Se Se Se Se Se Se Se Se Se Se Se	20	80	10	20	30	50	80	0 T	20	30	20	80	10	20	30	50	80

No.	Depth	Three Solid Dhace (VC) I	Phases of Liquid	Soil Gas Dhase (VA)	Apparent Specific Gravity	Moisture Ratio	Coefficient of Water Conductivity	Note
•••	()		(PA)	16		(8)	()	
			(&)	(&)		(0)		
ດ	10	34.2	56.3	9.5	06.0	62.5	$1.78 \times 10^{-4}$	Cultivated
	20	38.9	59.5	1.6	1.03	57.7	$4.62 \times 10^{-4}$	- - - - -
	30	44.5	55.5	0.0	1.18	47.2	$2.73 \times 10^{-4}$	
	50	35.8	64.2	0-0	0.95	67.5	•	
· · ·	80	43.4	56.6	0.0	1.15	49.2	$2.05 \times 10^{-4} (2.3 \times 10^{-4})$	·
10	10	26.9	6.09	12.2	0.71	85.6	8.97 x 10 <sup>-3</sup>	Cultivated
• •	50	27.2	72.1	0.7	0.72	99.8	$3.87 \times 10^{-4}$	
- 	30	21.8	78.2	0.0	0.58	135.3	4.56 x $10^{-4}$	
	50	25.8	74.2	0-0	0.68	109.2		
	80	19.9	80.1	0.0	0.53	151.7	$5.60 \times 10^{-4}$ (2.1 × $10^{-3}$ )	
11	10	28.7	56.7	14.6	0.77	74.6	1.58 x 10 <sup>-3</sup>	Uncultívated
	20	45.9	51.1	3.0	1.22	42.1	$2.92 \times 10^{-4}$	•
1.	30	38.3	57.2	4.5	1.01	56.4	$3.79 \times 10^{-4}$	
	50	37.9	62.1	0.0	1.01	61.8		
	80	34.9	65.1	0.0	0.93	70.4	$7.17 \times 10^{-4} (6.3 \times 10^{-4})$	
12	0 F	36.0	58.0	6.0	0.95	60.8	$2.68 \times 10^{-3}$	Cultivated
	20	42.0	54.8	3.2	1.11	49-2	$4.02 \times 10^{-3}$	
	30	41.9	58.1	0.0	111	52.3	$4.21 \times 10^{-3}$	
	50	38.1	61.9	0 0	1.01	61.3		
	80	40.8	59.2	0-0	1.09	54.7	$8.32 \times 10^{-4}$ (2.6 × $10^{-3}$	

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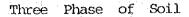
	   .   .			- - -		•		
No.	Depth	Three Solid Phase (VS) F	Phases or Liquid Phase (VL)	SOll Gas Phase (VA)	Apparent Specific Gravity	Moisture Ratio	Coefficient of Water Conductivity	Note
	(cm)	(&)	( <b>%</b> )	(8)		(%)	(cm/sec)	
13	10	38.4	59° 6	2.0	1.02	58:6	$1.32 \times 10^{-3}$	Uncultivated
	20	41.8	57.0	1.2	म्म म्म म्म	51.4	$4.95 \times 10^{-4}$	• • •
	30	44.0	53.9 23	2.1	1.16	46.2	$6.23 \times 10^{-4}$	
	20	44.3	54.3	1.4	1.17	46.3	3,08 x 10 <sup>-4</sup>	• . •
	88			1	I	star Sint J	$- (6.9 \times 10^{-4})$	
14	10	45.5	52.5	2.0	1.21	43+5	1.71 x 10 <sup>-4</sup>	Cultivated
	20	39.7	59.5	0.8	1.05	56.6	2.02 x 10 <sup>-4</sup>	
	Ő	41.5	ი 85	0.0	1.10	53.2	7.11 x 10 <sup>-5</sup>	•
•	00	44.3	55.7	0.0	1.17	47.4	•	-
	80	41.8	58.2	0.0	1.11	52.6	$1.09 \times 10^{-4}$ (1.2 × 10^{-4})	·
15	10	38. 7	50.3	11.0	1.02	49.1	$3.83 \times 10^{-4}$	Cultivated
	20	31.6	68.4	0.0	0.84	81.8		
14 <u>.</u> 1. 1. 1.	30	36.9	63 <b>.</b> 1	0-0	0 98	64.7	8.98 x 10 <sup>-4</sup>	
. :	50	36-0	64.0	0-0	0.95	67.1		
	000	41.3	58-7	0.0	1.09	53.7		
16	10	43.2	56.8	0.0	1, 14	49.7	2.04 x 10 <sup>-4</sup>	Uncultivated
at o po Gale	20	37.2	62-8	0-0	66 O	63.7	$1.39 \times 10^{-4}$	
1 1 1	90	40.2	5 <b>9-</b> 8	0-0	1.07	56.2	$8.57 \times 10^{-5}$	
	50	: : : :		1	1	i i		
	80	1		I	•	1 1		• • • •

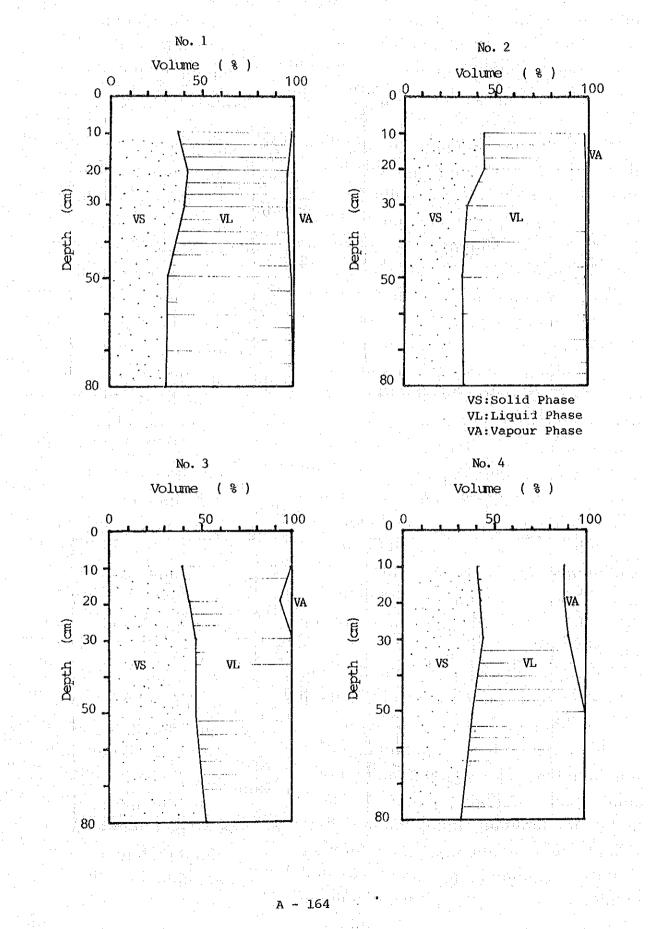
· · · · ·		Note		Uncultivated				<u>Uncultivated</u>					
	Three Phases of Soil and Coefficients of Water Conductivity (5)	Coefficient of Water Conductivity		$9.14 \times 10^{-3}$ 2.51 × 10 <sup>-3</sup>	×	- Average -3	- (5.6 x 10 )	$4.63 \times 10^{-4}$	$2.04 \times 10^{-3}$	$1.42 \times 10^{-4}$		- (8.8 x $10^{-4}$ )	
	cients of W	Mcisture Ratio	(%)	49.7 63.7	56.2		1	26.4	40.2	34.8	33.2	30.6	
	and Coeffi	Apparent Specific Gravity		1.14 0.99	1.07	ł	1	1.56	1.30	1.37	1.41	1.46	
	Phases of Soil	Soil Gas Phase (VA)	(%)	0.0	0.0			0.0	0.0	0.4	0.0	0 0	
· · ·	Three	Phases of Liquid Phase (VL)	(\$)	56.8 62_8	29,8	. 1 -	1	41.2	51 1	47.8	46.7	44.8	
		Three Solid Phase (VS) I	(%)	43.2	40.2	1		58.8	48.9	51.8	53.3	55.2	
		Depth	(Ð	10	2 OR	50	80	10	20	Ő	20	08	
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. 1 Three Phase of Soil A-4 ÷. 5.1

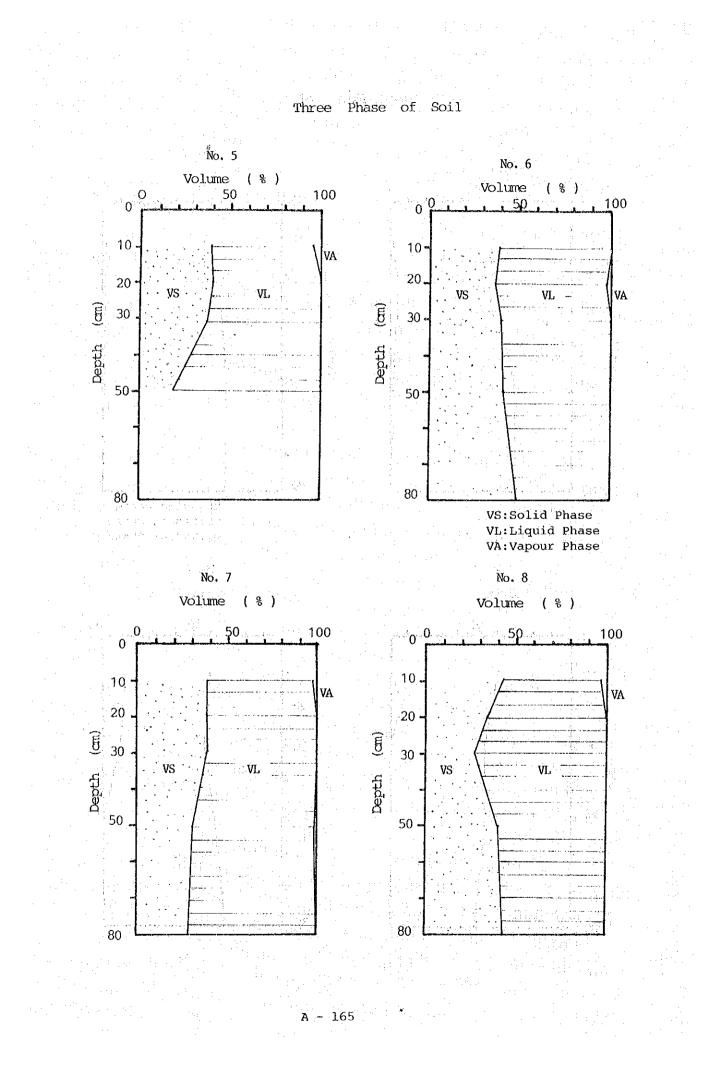
**A-163** 

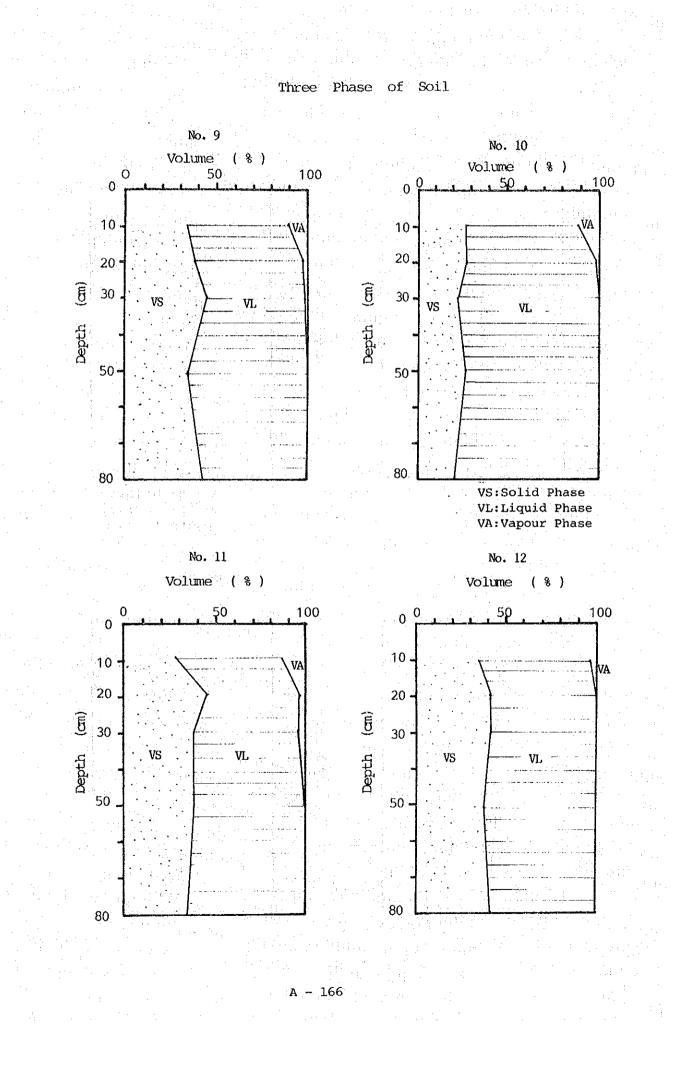
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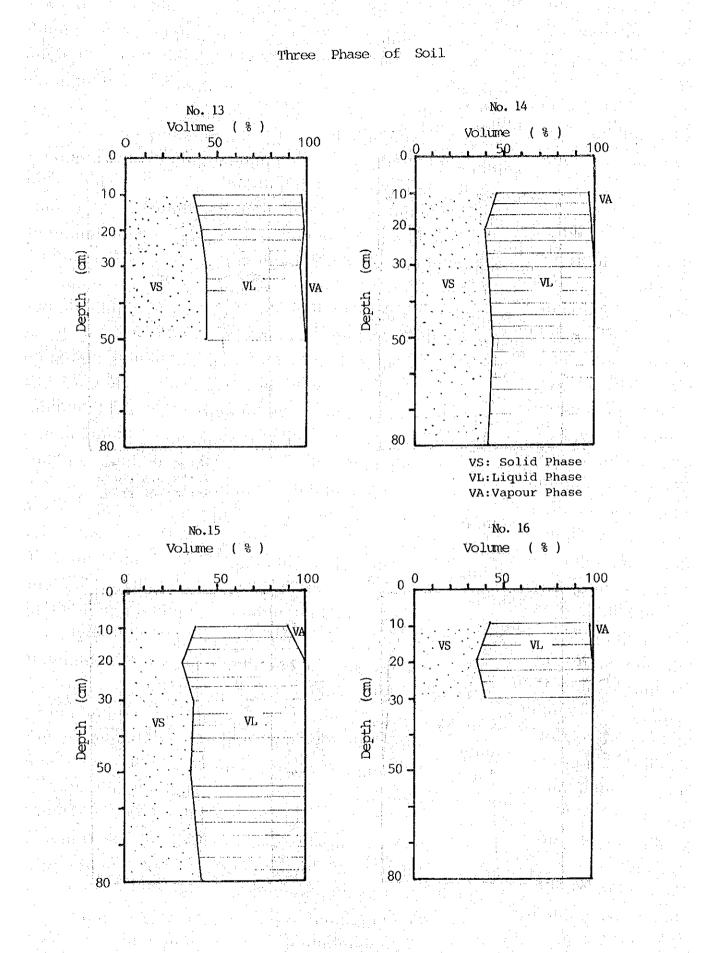




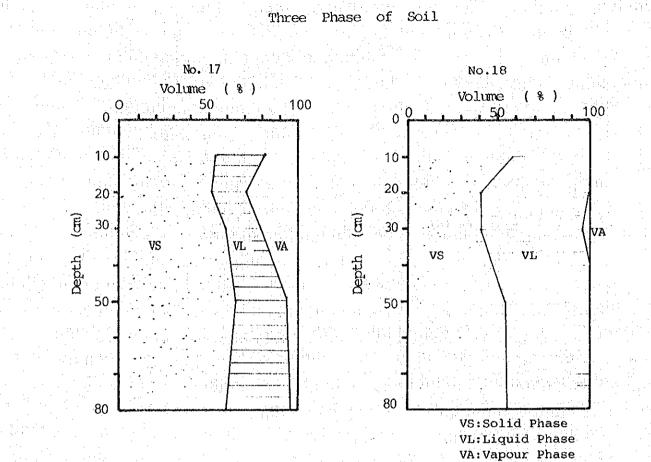
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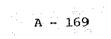


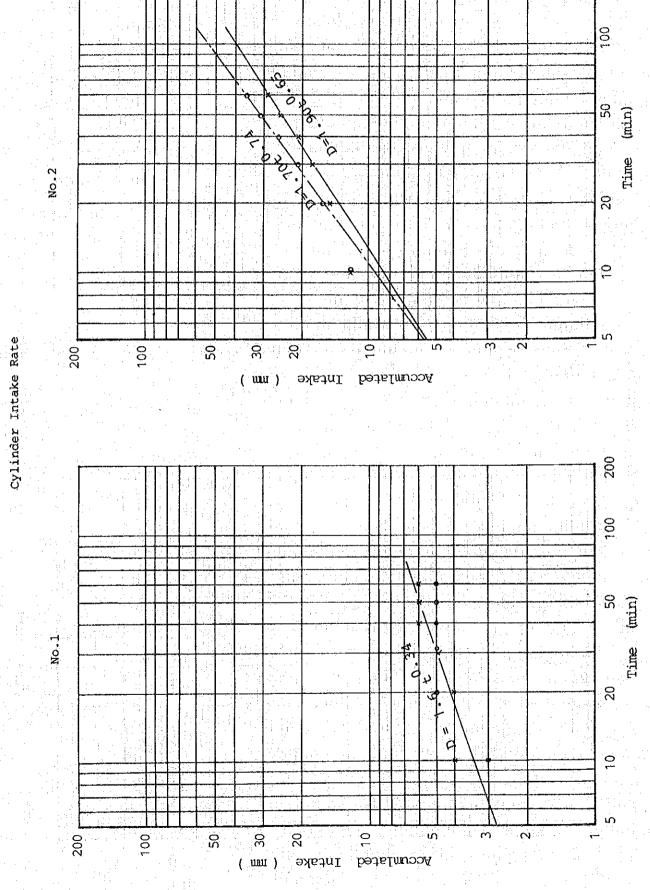


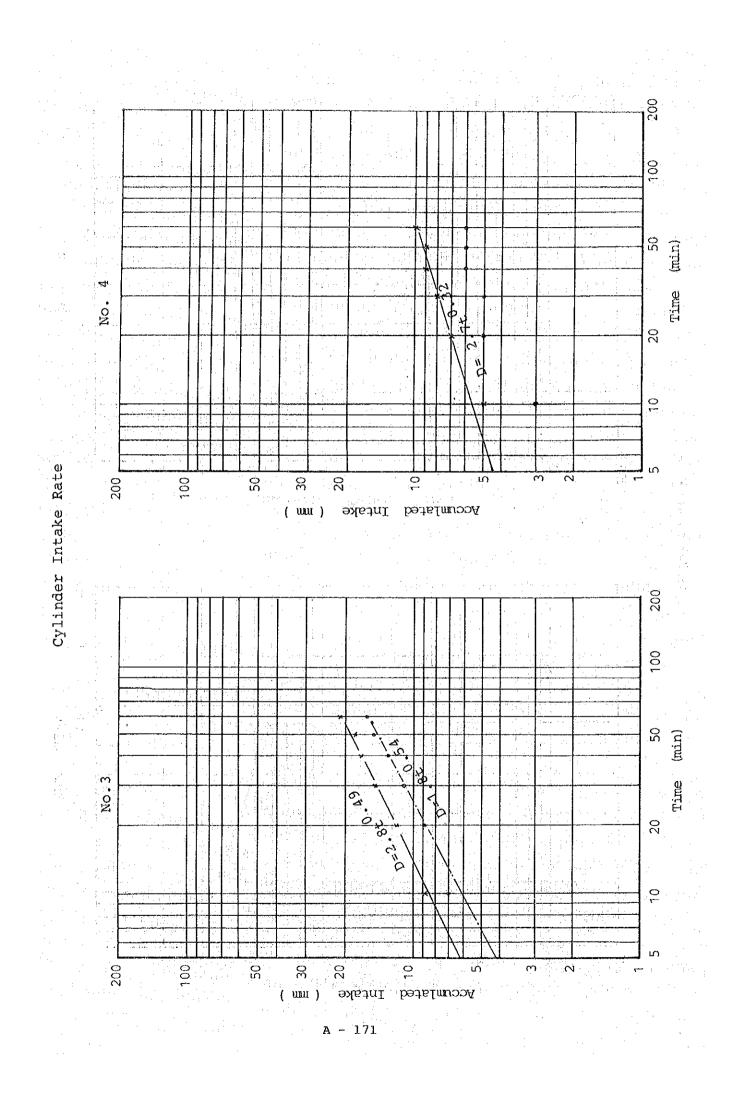
A - 167

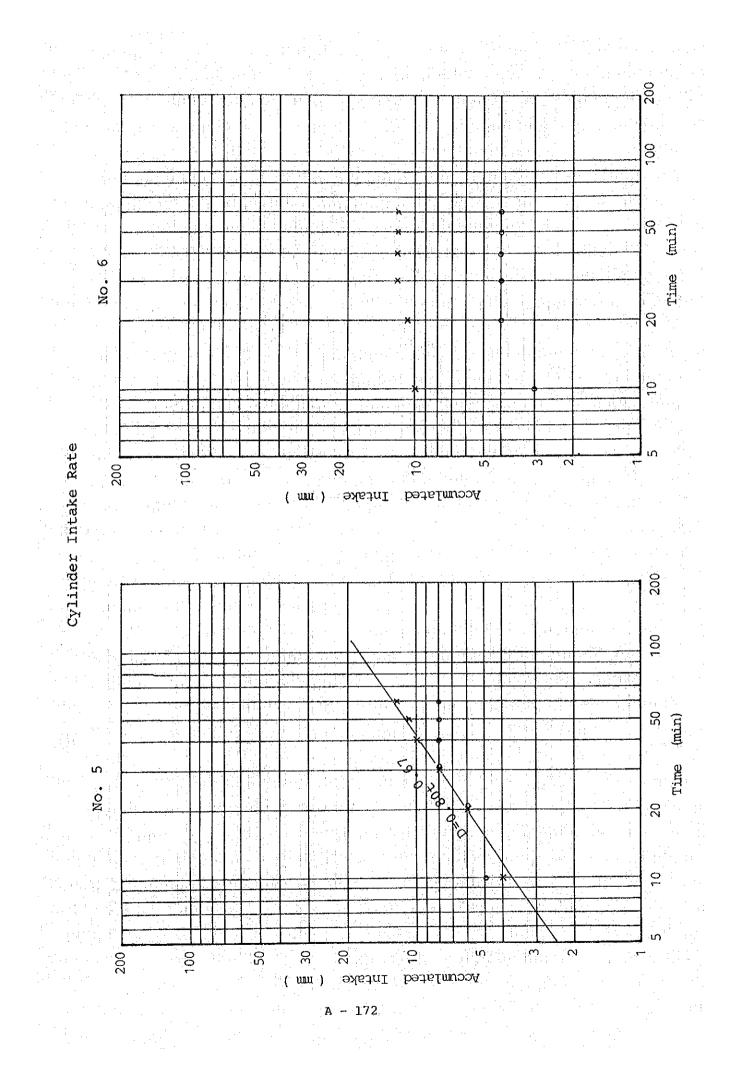


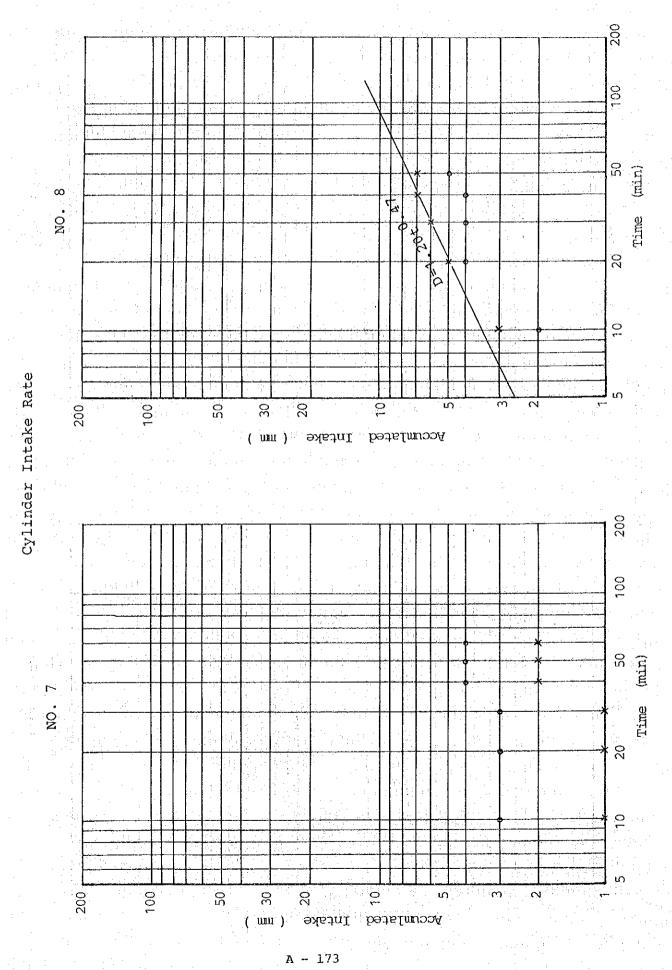
A-5 Results of Cylinder Intake Rate Test

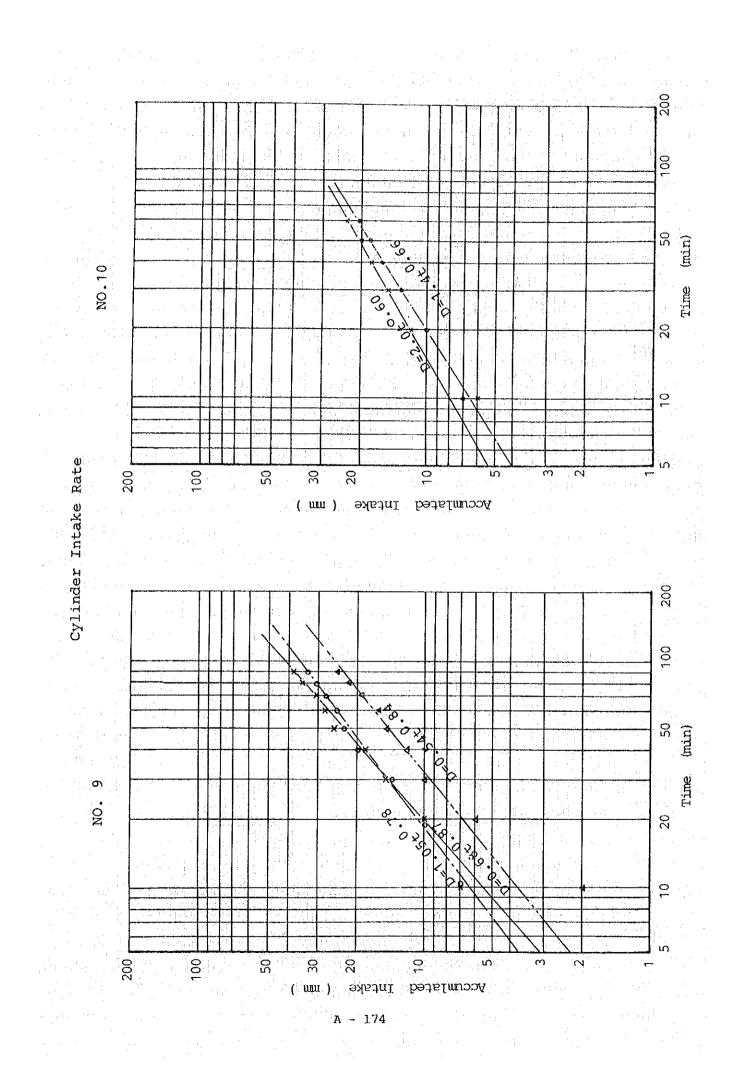


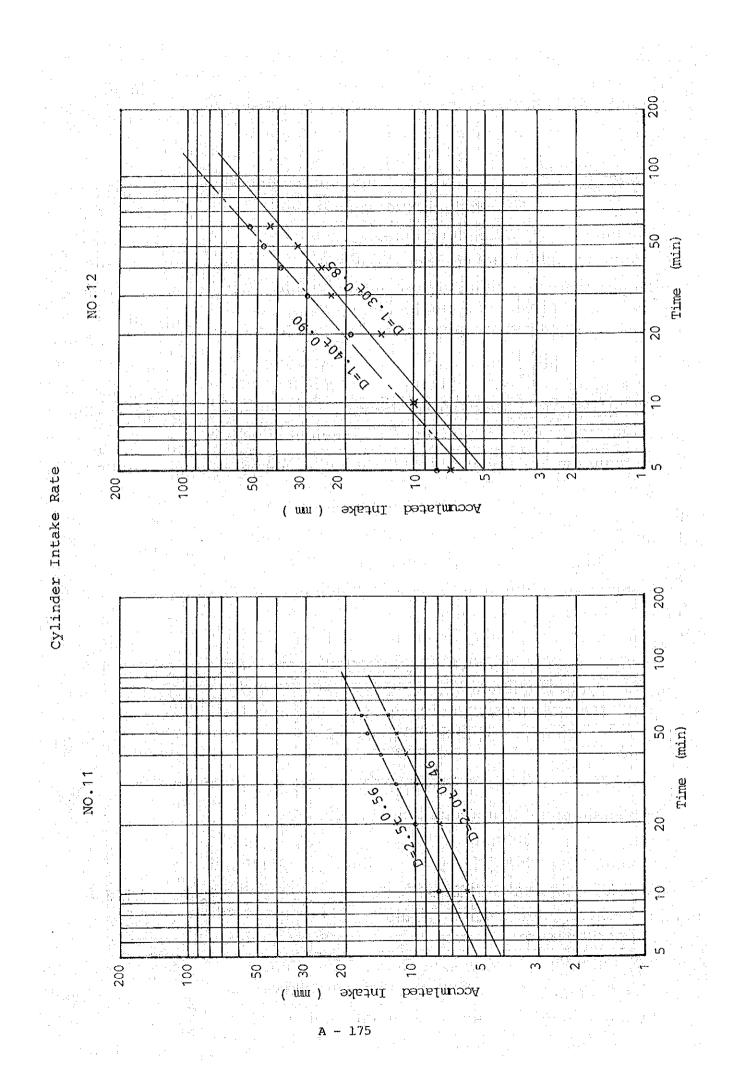


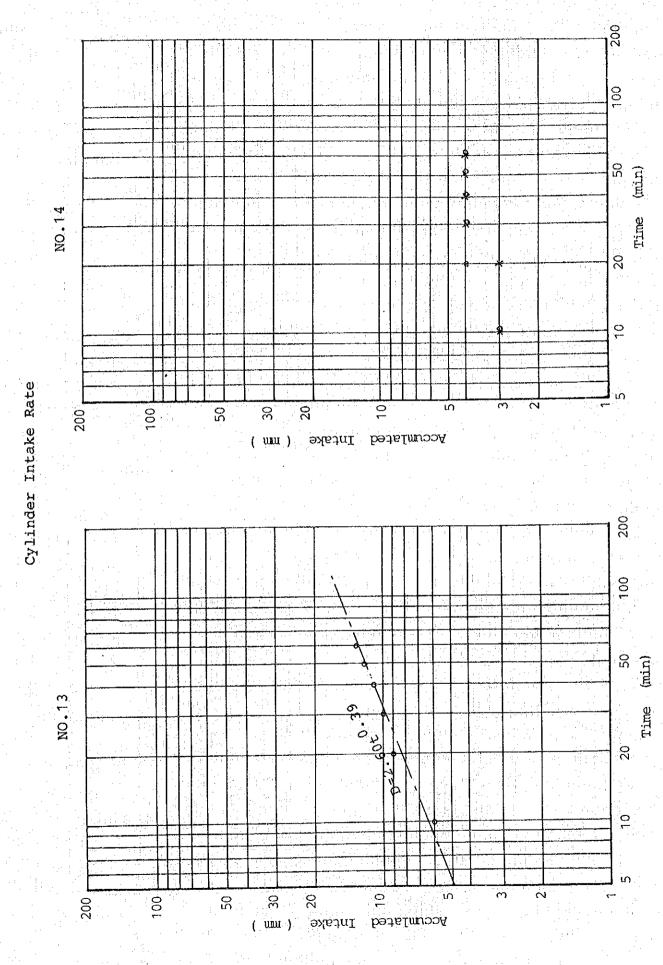


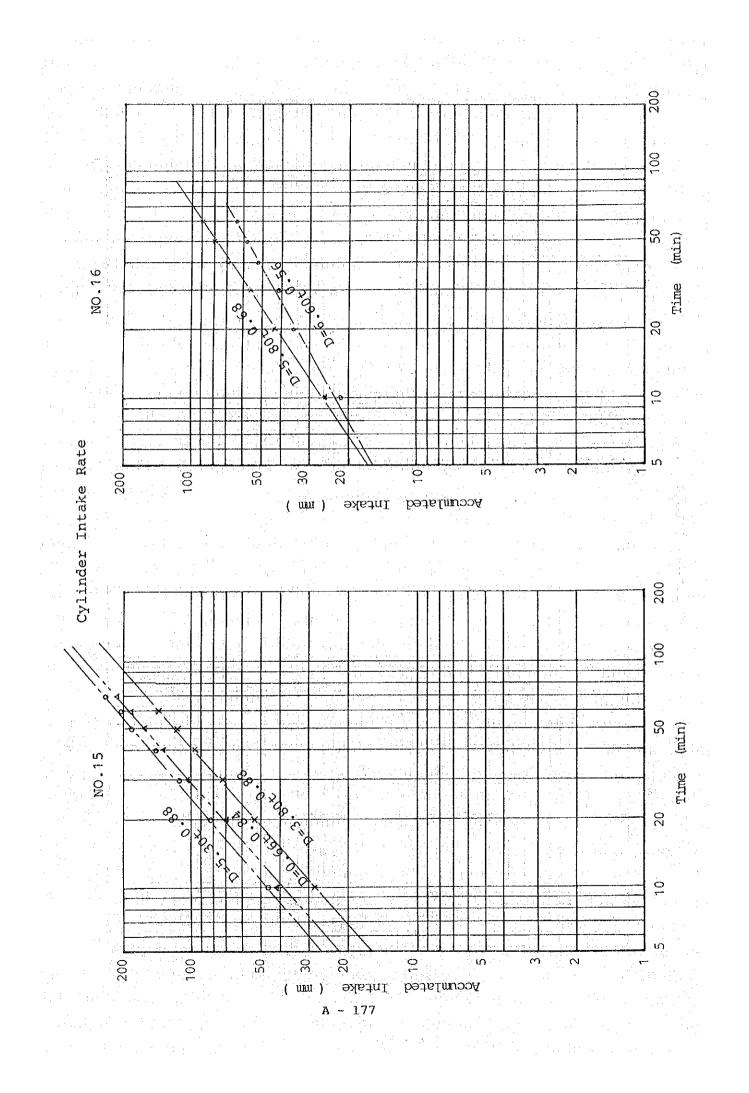


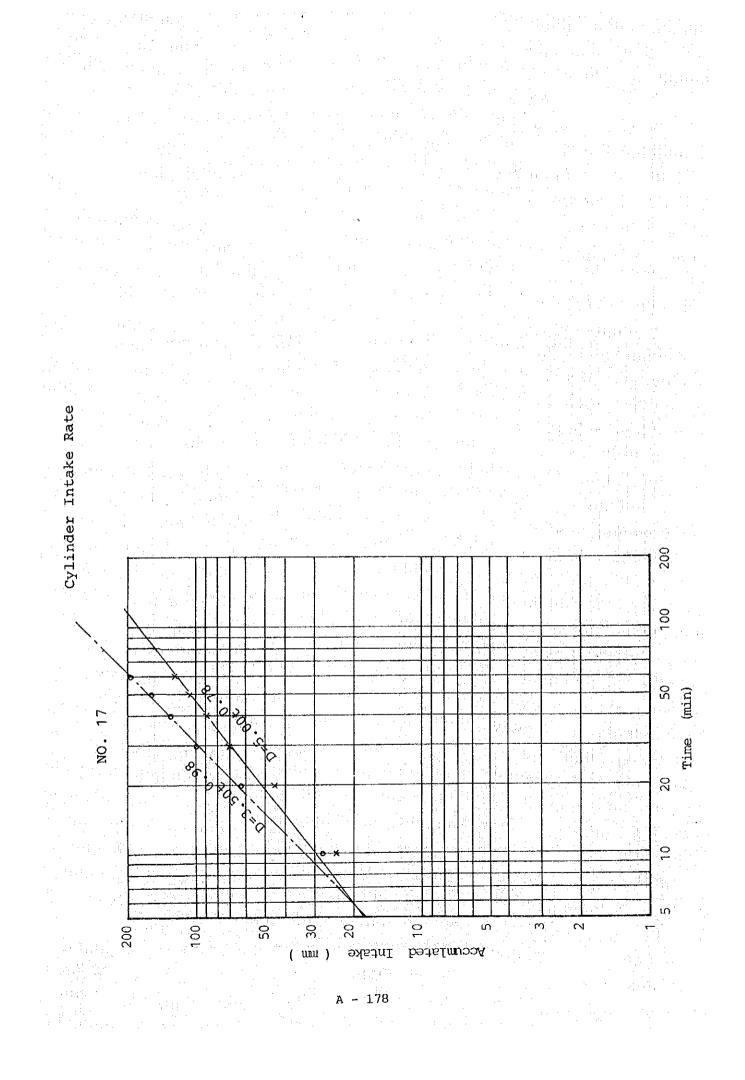












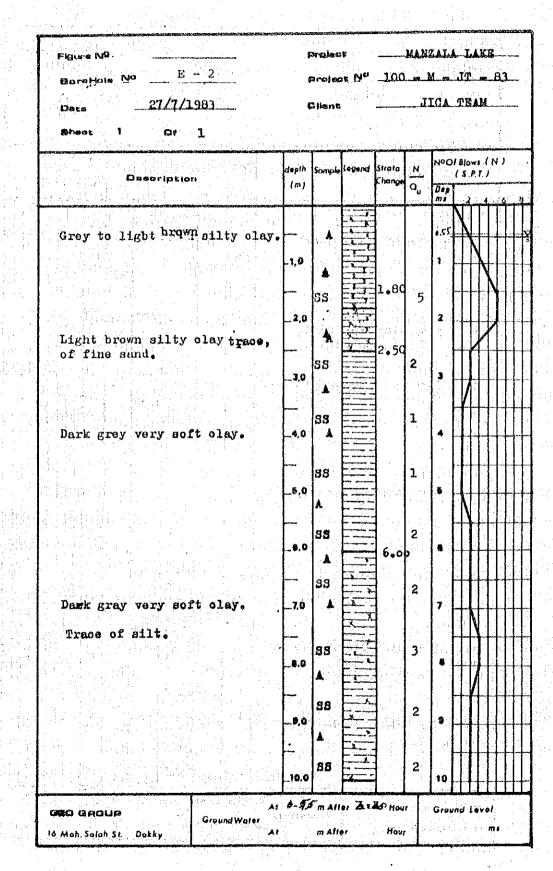
A- 6 Soil Profiles by Boring Survey

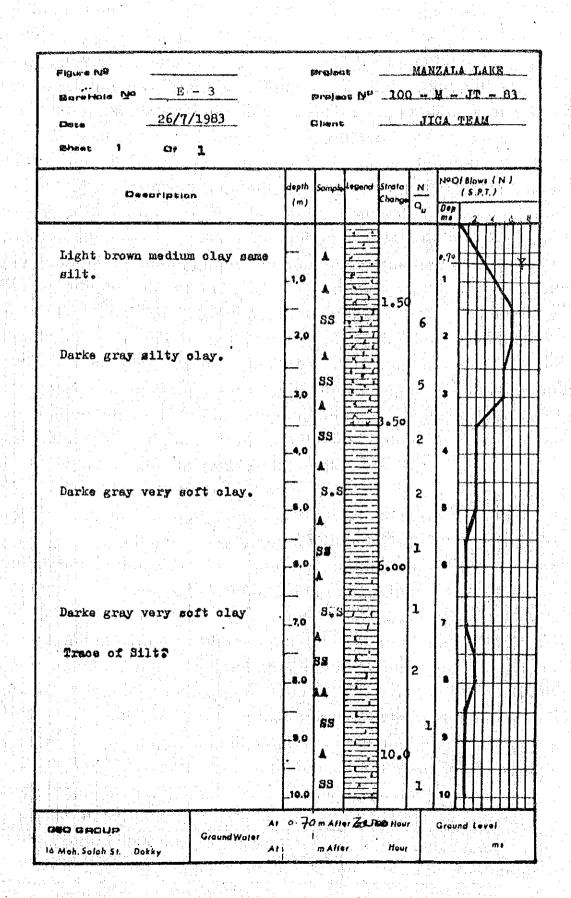
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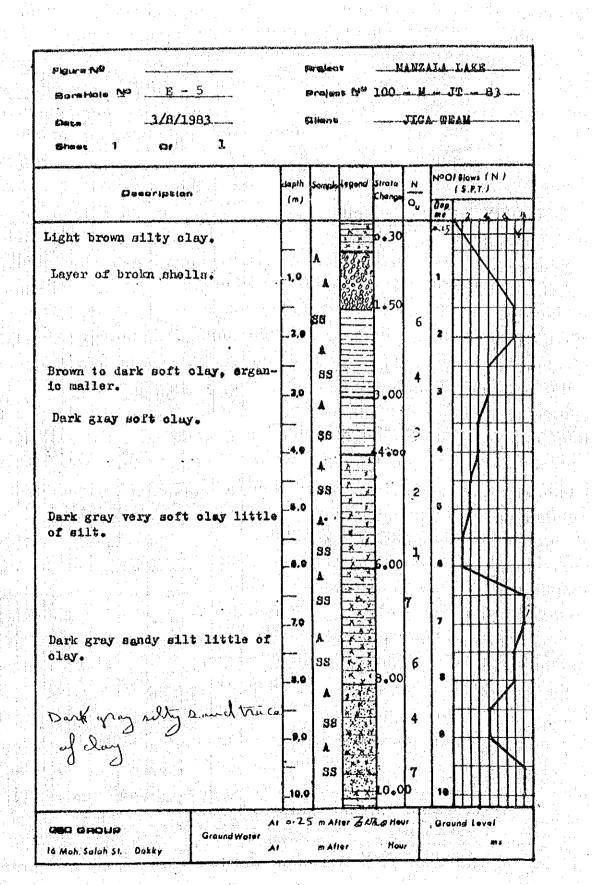
 $\mathbf{A} \sim 179$ 

MANZALA LAKE Eralmat Maura N9 Soration No E - 1 project Ne JICA TEAM 18/7/1903 Glant Data Gr. 1 Sheet 1 NOOI Blows (N) lagend Strata N jesth (5.9.1.) Change Description (m) Q, 000 mi 1 1 5 060 Å Brown to gray agryculuture clay. 19 ł UT 29 21 .... .00 2 .2,0 A Dark gray clay some silt. Э 3,0 8.00 21 U.T Thin layer of gray meduim sand 3.50 -4 4.0 SS 7 4 Dark gray very soft silty clay 4 UT 18 Y 0.8. 4 22 UT 7 .7.9 19 UT ×., .50 Dark grey soft clay trace of 8 8.9 silt. UT 39 . . 7 9 \$,0 U.T 9,00 Dark gray silty clay, same bra-34 kn shells. 10 10.0 tim 44 ്റ m Aller ECT Mour AID. 60 Ground Level GEO GROUP Ground Water **mi 1** Hour m After Ar 16 Mah, Salah St. Dokky





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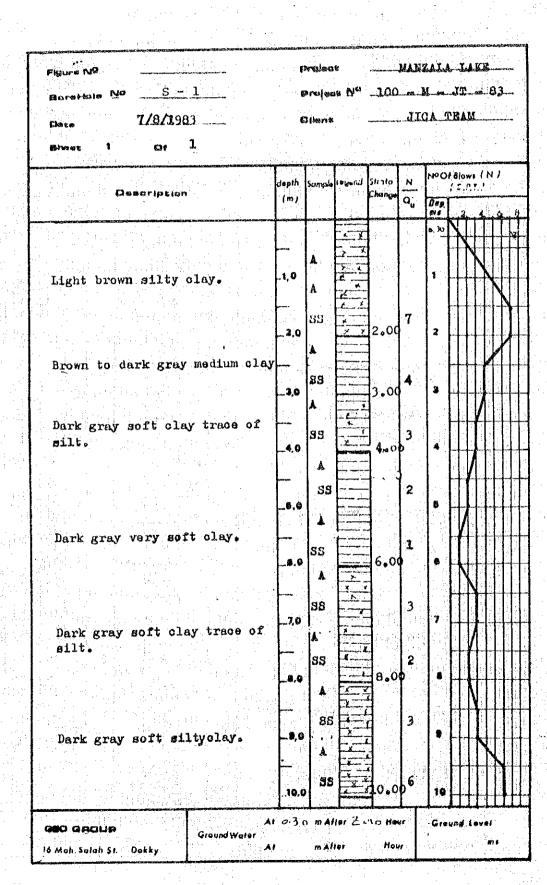


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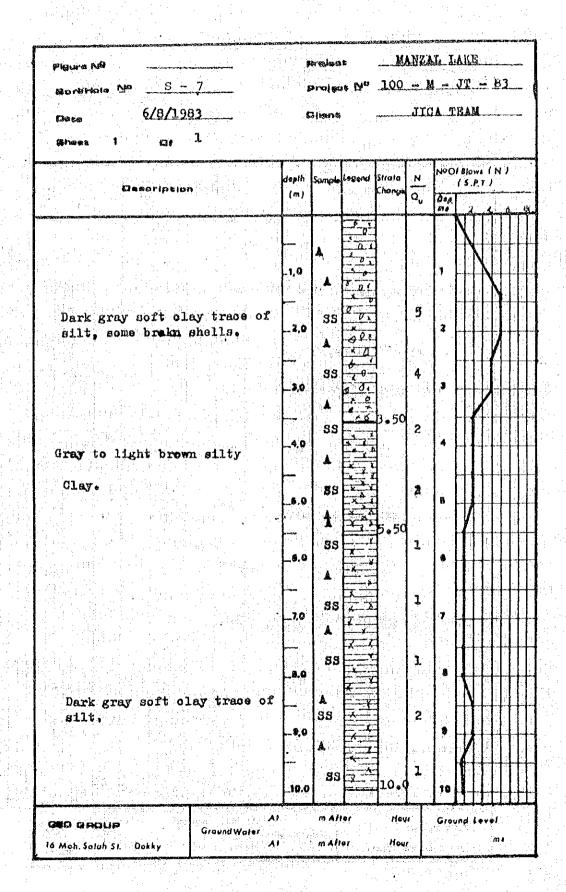
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Boristele M <sup>o</sup> <u>S-3</u> Broise M <sup>o</sup> <u>100 - M</u> <u>10 - 43</u> Dark <u>2</u> / <u>8</u> /1303 <u>Disc</u> <u>3004 2841</u> <u>Brois</u> 1 <u>or 3</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u> <u>Description</u>		14 H 14 H 14 H						
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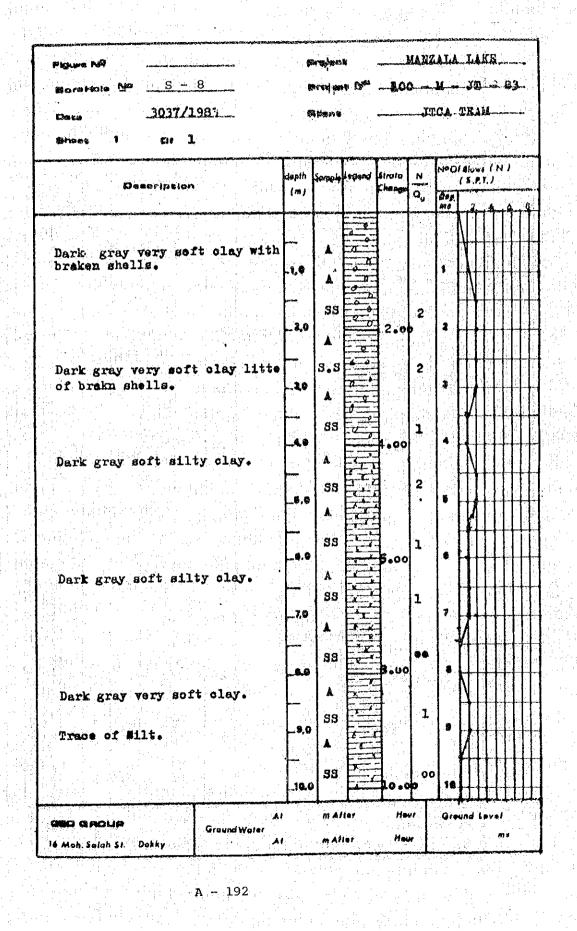
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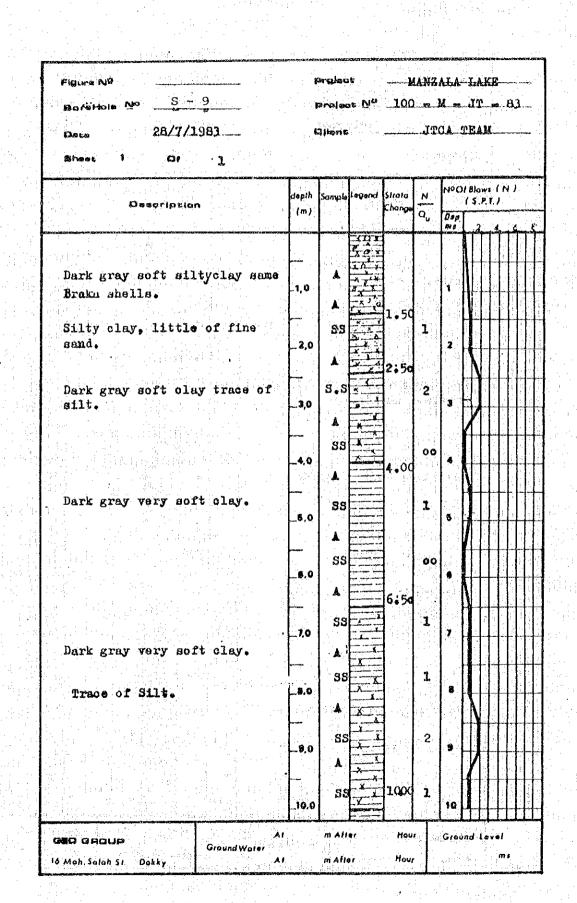
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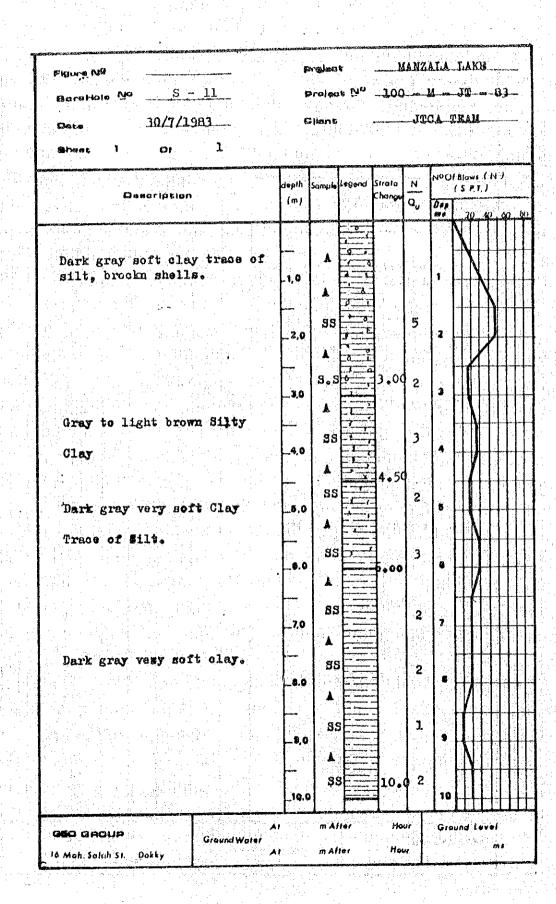






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Mauma Na MANZALA JAKE project Boration Nº <u>S-12</u> -100 m H m JD - 43-N 900 5 D 9 24/7/1983 JICA TRAM Stherest **Oak**A or 1 ..... 2 mains NOOF Blows (N) N lepth Strato 12000 Samol (S.P.T.) **Description** Cheng (m) 0, Deg . . ň à ò σ Á Darks grey soft clay, some br-Ū. akem sluttes. 1, 单 1 .y.x ٨ 4 7 1,50 3 s. 9 ്റ് d' 2,0 2 15 : 🗼 3 Dark gray soft Clay little SS 4 \$ 10 4 Of shells. Υ. A 5 SS ø 4,9 4 n. Т. --Ф ł 4.50 1 88 Dark gray very soft clay? 6.8 5 A s.s 5.50 Darke grey soft elay, little 1 - T of silt. 1 .... ٠ 6.50 Darke gray soft olay, some so 2 88 1t, trace of fine sand. .7,0 7 ž . 7 Gg 750 1 S.S Darke gray very soft clay. . 2.8 ÷. . 1 33 1.0 . A 0.00 2 33 10.0 19 m Aller Hour AT Ground Lovel GILO GROUP Ground Water Nevr m Atter Åł 16 Mah. Salah St. Dakky

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