## Attachment D7-2

## FIELD NOTES/SOIL SAMPLE POINT PHOTOGRAPHS

	Material(				<u>S</u> Geomorphic E Described b	W ORIE	EB		
Depth (om)	Horizon	Color molet dry	Structure	<u>Gravel</u> %	· Consistence Wel Moist Dry	Texture pH	Clay films	Bound- arles	- notes
0- 85	A	<u>107R</u> 4/2	m vf gr eg f pi 1 m pr 2 c.opr 3 vc abk sbk	0 50 (10) 75 10 >75 25	eo po ko ko es pe tr sh e p ti h ve vp vti vh efi eh	8 81CL LS 81L 81 81 80 80 L 0 CL 80	v1 n pf 1 po 2 mk br 3 co 4 k cobr	o w	Routs to 13 NonReachiv
6.5- 27"	В	lo.yr 4/4	m vf gr sg f pl 1 m pr 2 a cpr 3 vo abk sbk	0 60 (10) 75 10 >76 25	so po vír so se pe fr sh s p fi h ve vp víl vh efi eh	8 81CL L8 81L 8L 81 9CL 81C L C CL 80	v1 n pf 1 po 2 mk br 3 co 4 k cobr		NotReachi
27+ 48'	B	<u>२.९२</u> ६/५	m vf gr eg f pl 1 m pr 2 o opr 3 vo abk abk	0 50 <10 75 10 >75 25 25	so po vir so ss ps fr sh s p fi h ve vp vii vh efi eh	9 9 6 L 9 9 L 8 1, 9 I 9 CL 8 C L C CL 8 C	v1 n pf 1 po 2 mk br 3 co 4 k cobr	a v I d d	Not Read
			m vf gr sg.f pi 1 m pr 2 o opr 3 vo sok sok	0 50 <10 75 10 >75 25	so po vir so as ps fr sh e p fi .h vs vp vii vh eff sh	8 81CL 1.8 81L 8L 81 8CL 81C L C CL 8C	v1 n pf 1 po 2 mk br 3 co 4 k cobr	a w	lictures 0893 Nor 0894 Eas
			m vf gr eg f pi 1 m pr 2 a cpr 3 va abk abk	0 50 <10 76 10 >75 25	eo po vfr eo es pe tr eh e p fi h ve vp vii vh efi eh	8 81CL LS 811L SL S1 SCL 81C L C CL 80	V1 n pf 1 po 2 mk br 3 co 4 k cobr	o w	0895 South 0896 West 0897 grou 0898 P.7
	•		m vf gr sg f pl 1 m pr	0 50 <10 75	so po vfr so es pe fr sh	5 5 10L L9 5 1L 5 1L 51	v1 n pf 1 po	a s	0899 21

2	Elevatio	Material(	Blope C	2		Aspe	oct _	SE	-	Ge	omorp	olde	surface le	F	H Se	رلمة	iza	) for	hile	s, grave	1+ pebbles (25%
	Depth (om)	Horizon	Color molet dry	8	Itructu	ure		evel X	Wei	Coneis			Texture	pH		lay fil	me	Bound		noles	
	0- 15"	A	10YR 5/4	m #g 1 2 3	vf f m o, va	gr pl pr opr ebk ebk	0 10 10 25	50 75 >75	80 85 8 V8	P P VP	0 vfr   fr   11 vfl   eft	lo so sh h vh eh	9 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15		v1 1 2 3 4	n mk k	1 0 1 0 1 0 1 0 1 0 1	()o a a	v	reactive	
	15 - 37.5	B	2:57 7/4	m •g 1 2 3	vf f m vo	gr pl pr cpr abk abk	010 10 25	80 76 >75		pe	lo vtr tr fl vti eti	lo so sh h vh eh	5 5 10 1.5 5 11 50. 51 50. 510 1 0 0. 50		vt 1 2 3 4	n mk k	po po br cobr	(B) 00	Pinto	k lover d" at base hyper me lowest	(Reactive) a sappolite chunks most of layer
2	37 <u>.5</u> 48"	B,		m sg 1 2 3	vf f m vo	gr pl pr opr abk sbk	() <10 10 25	50 76 >75	80 83 9 V9	ps	lo vtr   tr   tl   vti	lo so sh h vh eh	9 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		v1 1 2 3 4	n mk k	pf po br sobr			t Preachire	rost of the
				m sg; 1 2 3	vf f m vo	gr pi pr opr abk sbk	0 <10 10 25	50 75 >75	90 85 8 VS	Pe Pe	lo vtr   tr t1 vt1 •f1	lo so sh h vh eh	8 8 101 1.9 91 91 91 901 91 1 0 1 0 01 90		v1 1 2 3 4	n mk k	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a 1	087	runes 18 NoAh 9 Eost 10 South	
				m •0 1 2 3	t f m o VO	gr pi pr opr abk sbk	0 <10 10 25	50 75 >75	80 83 8 V8	ре VP	lo vir ir ii vii vii	lo so sh h vh eh	8 81CL LS 81L SL 91 SCL 81C L C CL 80		v1 1 2 3 4	n mk k	pt po po r do cobr		080	3 1	
		* IT		m •g 1 2 3		gr pl pr opr obk	0 <10 10 25	50 75 >76	80 88 8 9	p	lo vfr fr fl vfl	lo so sh h vh	8 84CL L9 81L 9L 81 9CL 84 L 0		v1 1 2 3 4	n mk k	pt po br oobr	a t a y g i d t	088		-

Bite N Ievatio	.LCSP3	Slope	Time 9:00	ss 1	Anatalian Saach	urface (00	-	vized parti EB	cto, f	pebbles/goover .
Depth (om)	Horizon	Color molet dry	Structure	Gravel	Consistence Wot Molat Dry	Texture	pH		Bound- aries	· notes
0-155	A	loyr. 5/3	m vf gr eg f pi 1 m pr 2 d. opr 3 vo ebk ebk	0 60 <10 75 10 >75 25	so po vir so ss pe tr sh s p ti h vs vp vii vh efi sh	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		v1 n pf 1 po 2 mk br 3 co 4 k cobr	•••	Roots to 11" Not Prochie
15- 484	B	<u>э.5ү</u> 6/3	m vf gr eg f pi 1 m pr 2 o cpr 3 vo abk abk	(0) 50 <10 75 10 >75 25	eo po vfr eo se pe fr sh e p fi h ve vp vfi vh ett eh	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		v1 n pf 1 po 2 mk br 3 co 4 k cobr	a e)₀ a a - 8 a	Compactuel Blower Reactive
			m vf gr eg f pi 1 m pr 2 c cpr 3 vc ebk ebk	0 50 <10 75 10 >75 25	eo po lo lo es pe tr eo e po tr en en pe tr en ve vp vil vh en en	9 81CL LS 91L SL 81 SOL 81C L 0 CL 80		v1 n pf 1 po 2 mk br 3 co 4 k cobr	a • o w g l d b	
			m vf gr sg.f pi 1 m pr 2 o cpr 3 vo abk sbk	0 50 <10 75 10 >75 25	eo po lo lo se pe tr eh e p ti .h vs vp vti vh efi eh	8 SICL LS SIL SL SI SCL SIC L C CL SC	23	v1 n pf 1 po 2 mk br 3 co 4 k cobr	a w g i d b	lictur 4 0886 Worgh 0887 East 0888 South
			m vf gr eg f pi 1 m pr 2 o opr 3 vo abk ebk	0 50 <10 75 10 >75 25	eo po vir eo ee pe tr eh e p ti h ve vp vii vh eft eh	8 81CL LS 81L SL 81 9CL 81C L C CL 80		v1 n pf 1 po 2 mk br 3 co 4 k cobr		0239 West 0890 grand 0891 Pit 0892 Pit
	•		m vf gr eg f pl 1 m pr 2 o opr 3 vo ebk ebk	0 50 <10 75 10 >75 25	eo po vfr ao es pa fr ah e p fi h va vp vfi vh afi eh	8 81CL L9 81L 9L 81 8CL 94C L 0 CL 90		v1 n p1 1 po 2 mk br 3 co 4 k cobr		

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Depth (om)	Horizon	Color molet dry		Otrual	lure		evel ×	Wol	Con	eisten		T	DR/	pH	-	lay fi	Ime	Bou		· notes	
0- 11"	AB	10YR 4/3	m #g 1 2 3	vf f m va	gr pi pr opr ebk ebk	(0) <10 10 25	60 75 >75	80 88 8 V8	po pe pp	lo vir fr ti vit efi	lo so sh h vh eh	19 51. 901 L	81 81 81 80 80		v1 1 2 3 4	n mk k	po	•••	_	Routs to 12" Not reachive	
11- 35"	B,	<u>2,5y</u> 5/4	m 99 1 2 3	vf f m vo	gr pi pr cpr abk sbk	0 10 10 25	80 76 >75	80 68 9 78	po ps pp	lo vir fr fi vii vii efi	lo so sh h yh sh	r 8 P 6	BICL BIL		v1 1 2 3 4	n mk k	pf po br co cobr		ň	Reachive in 1 spot (-1") but mostly not reachive	•
35"	B	2.5 Y 5/3	m •g 1 2 3	vî î w vo	gr pi pr opr abk sbk	0 10 25	50 75 >75	80 88 8 77	po ps P Vp	lo vfr fr fi vfi efi	lo so sh h vh eh	1 23 H Cl	81CL 911L 81 . 81C C 80		v1 1 2 3 4	n mk k	pf pa br co cobr		• • • •	Not Reachive	2
			m sg. 1 2 3	vî 1 m o V0	or pi pr opr abk ebk	0 <10 10 25	50 75 >75		Po Po Po Po	lo vtr tr tr tl vtl off	lo so sh h vh eh	LS SL	. 81C C		v1 1 2 3 4	n mk k	pt po br oo oobr	a	ĩ	Pictures 0850 North 0831 USUBLE	rie fe
			m 9g 1 2 3	vi 1 m vo	gr pi pr opr abk ebk	0 <10 10 25	50 75 >75	80 83 9 V8	po pe pp	lo vtr tr fl vtl efi	lo so sh h vh eh	1.5 SL	91 . 810 . C		v1 1 2 3 4	n mk k	pf po br cobr	a o g d	- W - D	0832 south 0833 wost 0834 ground 0835 pit	

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Elevatio Parent	Material(	810po 5	Asp restore?	oct Suffy	Cost Geomorphic Burle Described by	- ba	my sized p	which	s, pebbla (-10%)
Depth (om)	Horizon	Color moist dry	Structure	Grevel %	Consistence	ure p	1	Bound- aries	. notes
6 15	₽Ð	<u>107r</u> 4/3	m vf gr eg f pi 1 m pr 2 o.opr 3 vo ebk sbk	0 50 (10) 75 10 >75 25	so         po         lo         lo         g           se         pe         fr         sh         g1           s         p         11         h         G2           vs         vp         v11         vh         L           eff         eh         ct.         ct.         ct.	BICL BIL SI SIC C SC	v1 n pf 1 po 2 mk br 3 co 4 k cob	ê.	Roots to ta" Not reaching
15 - 31"	B		m vf gr eg f pl 1 m pr 2 a cpr 3 vo abk sbk	0 80 <10 75 10 >78 26	so po vir so La se pa fr sh BL a p fi h BC va vp vii vh L efi sh CL	SICL SIL SI SIC C SC	vi n př 1 po 2 mik br 3 co 4 k cob	<b>Q</b>	Rouchive
31*	8,	5y 6/3	m vf gr eg f pl 1 m pr 2 o opr 3 vo ebk ebk	0 50 (10) 75 10 >75 25	80 001	Siclast and a siconal	v1 n pf 1 po 2 mk br 3 co 4 k cob	а СО а С – К – Р	lite say rolite (Reactive) from linerstone no proved, but breats into galler sized chunts livery f
			m vf gr sg.f pi 1 m pr 2 a apr 3 vo abk sbk	0 50 <10 75 10 >75 25	eo po vir eo La ea pe ir eh SL e p ii h SL va vp vii vh L eff eh CL	8 CL 8 L 8  8 C 0 90	v1 n pf 1 po 2 mk br 3 co 4 k cob	a w g i d b	Produces 0816 North 0817 East- 0818 South
			m vf gr eg f pl 1 m pr 2 a opr 3 vo abk ebk	0 50 <10 75 10 >75 25	eo po vir eo LS ee pe ir eh SL e p ii h SL ve vp vii h SC ve vp vii vh L efi eh CL	BICL BIL SI BIC C SO	v1 n pf 1 po 2 mk br 3 co 4 k cobr	o w g l d b	0819 west 0830 voyohuhm 0831 Pit 0830 Pit.
		·······	m vf gr eg f pi 1 m pr 2 o opr 3 vo ebk ebk	0 50 <10 75 10 >75 25	Io         Io         S           so         po         vfr         so         LS           se         pe         fr         sh         SL           se         p         fr         sh         SCI           vs         vp         vfi         vh         L           eff         sh         CL         sh         CL	6 CL 8 L 9  8 C 0 90	v1 n pl 1 po 2 mk br 3 co 4 k cobr		

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	pf po br cobr
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	t br co cobr
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	sobr
	po o
eg. f pi c10 75 as po fr ah SL Bi 2 mk 2 o apr 10 >75 va vp ii h SOL SIC 3	PO
eg f pi 1 m pr 2 c opr 2 c opr 2 f 2 c	po o

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Depth		Color			0.000				PR,	П			Bound-	<u></u>	1
(om)	Horizon	molet dry	Str	ucture	Gravel_ %	Wel	Consistence Moist		Texture	pH	Clay 1	lime	arles	- notes	
<i>у</i> і" 0	£	251 413	•g 1 2	rf gr f pl m pr o opr o ebk ebk	(0) 50 <10 75 10 >75 25	80 83 8 78	po vir pe tr P ti vp vti efi	lo so sh h vh eh	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		v1 n 1 2 mk 3 4 k	00	••0•	Roots to 7" Not Reaching	
רג _ אנ	B,	10YR 5/4	sg 1 2	rf gr f pl m pr o cpr ro abk sbk	0 80 <10 75 10 >78 25		po vir ps fr p fi vp vii efi	lo so sh h vh eh	8 8 6 CL 8 8 8 1 8 0 8 0 8 0 8 0 8 0 8 0 8 0 8 0 8 0 8 0		v1 n 1 2 mk 3 4 k	pf po br co cobr	•••••	Not Reachive	
31+	B,	10yr 5/4	eg 1 2	ri gr f pi m pr o opr ro abk sbk	0 60 <10 75 10 >75 25		po vfr ps fr p fi vp vfi efi	lo sh h vh eh	5 540L LS 54L 55 54L 50 500 L 0 CL 50		v1 n 1 2 mi 3 4 k	pf po br cobr	• • • • • •	Not Roactive Texture change and to fine	
			eg. 1 1 2	rf gr f pi m pr o opr ro abk sbk	0 50 <10 76 10 >75 25	••	P0 vfr P8 fr P fl vp vfl efl	10 00 00 1. Vh 00	8 81CL LS 81L SL 81 SOL 81C L C CL 90		v1 n 1 2 mk 3 4 k	pf po br cobr		Pictures 0889 Wath	
			90 1 2	nt gr t pi m pr o opr o abk abk	0 50 <10 75 10 >75 25	•	po vfr pe fr p fi vp vfl efl	lo sh h vh sh	5 51CL LS 81L 9L 51 9CL 51C L C CL 50		v1 n 1 2 mk 3 4 k	pi po br cobr	o w	0840 East 0841 South 0842 west 0843 veg	
			2 3 v eg 1 1 r 2 v	o opr na ebk		* V8 80 88 8	P         fi           vp         vil           ell           po         lo           pe         tr           p         fi	h vh	901. 910 L C		3	оо соbт 1q р1		0842 west	

Perent	Material (								De	soribe	ed t	y _	XR/	EP	24		+-+		~	~10%	
Depth (om)	Horizon	Color molet dry	•	Blruct	ure	.Gia %		Wol	Conela N	ience Iolst 1	Dry	Tex	lure	pH	CI	ay fil	me	Bour		notes	
બ્ર્મ	B	1018 4/3	m 90 1 2 3	vf f m vo	gr pl pr opr ebk ebk	<10	50 75 >75		P P VP		lo so sh h vh eh	P T B P F	50 51 51 51 51 50 50 50 50		v1 1 2 3 4	n mk k	pf po br cobr	•••	*	oots to 7" some to 31" put no real dos organics Not Reachive	
24" 33"	ß	2.51 5/4	m 1 2 3	vi i m a va	gr pl pr cpr abk sbk		80 75 >75	80 89 9 78	po ps p vp		lo sh h vh eh	8 18 8L 9CL 1 CL	80 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		v1 1 2 3 4	n mk k	pf po br co cobr	R 0 9 0	• W - D	Not Reachte	
33=	83	२.५४ १⁄५	m eg 1 2 3	vî f m va	gr pi pr opr ebk sbk	10 25	80 75 >75		ps p vp	rtr   fr   fl   rfl	lo so sh h vh eh	9 19 81, 601, 1 CL	91CL 91L 91L 91C 91C 91C 91C 91C 91C 91C 91C 91C 91C		v1 1 2 3 4	n mk k	pq po br cobr	e g d	W I	ike sapprohite almost solid s preats into the rectile in a f	NE Seiter
			m 60: 1 2 3	vi i m vo	or pi pr opr abk ebk	<10	50 75 >75	•	P P VP		lo so sh h vh eh	8 1.5 5 1. 5 0 1. 0			v1 1 2 3 4	n mk k	90 2 4 4 4 2 6 7 4 4			hiterres 0.809 North 0.810 East 0.811 South	
			m •g 1 2 3	vî f m vo	gr pl pr cpr abk sbk	<10	50 76 >75	90 99 9 9 9	P P VP		lo so sh h vh sh	8 19 90 1 0	80 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		v1 1 2 3 4	n mk k	90 8 4 9 4 10 8 4 9 4		10	2812 West 2813 ground 2814 pit 2814 pit 2915 pit.	
		·····	m •g 1 2 3	t m vo vo	gr pl pr opr abk abk	<10	50 75 >76	**	pe p vp	tr   1 Ir   1 II   1	lo so sh h vh sh	8 19 91 90, 10	81CL 81L 81 81C 90		v1 1 2 3 4	n mk k	14 00 14 00 14	• 0 0 0 0	•		

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Parent	n Material (i				Aspo		<u>-11</u>	East	Geoma	rphia		B, D	20	izei	<u> </u>		4		gave
Depth (om)	Horizon	Color molet dry		Struct	ure	Gray %		· C Wei	oneisien Mole	Dry	Tex	ure F	*1	Clay	films	ľ	Bound		zies
0- 15"	A	<u>107</u> R 4/3	m •g 1 2 3	vf f m va	gr pi pr opr ebk ebk	<10	75 >75		po vir pe fr p fi rp vii efi	lo so sh h vh eh	1.9 61.	BICL BIL BI BIC BIC C		1 2 m 3	nk b c	0			s to 14 Preachive
15"- 48"	В	2,54 7/3	m •g 1 2 3	vf 1 m a va	gr pl pr cpr abk sbk	10	76 >78	•	po vtr pe tr p fl vp vti efi	lo so sh h vh eh	p r B B B a	SICL SIL SI SIC C SC		1	nk b c			100	e nouching
			m eg 1 2 3	vi m vo vo	gr pl pr cpr ebk sbk	<10	75 >75		po vir ps fr p fi rp vii efi	lo so sh h vh eh	5 15 51 501 1 01	SICL SIL SIC SIC C SIC		1	nk b	-			
			m •g. 1 2 3	vf f m v o vo	gr pi pr abk ebk	<10	78	80	PO VI PB Ir P II VP VII efi	lo so sh .h vh eh	8 1.8 51 801 1 01	9 CL 9 L 9  9  9 C 0 9 C 9 C		1	nk b			067	Rest East South
			m •g 1 2 3	t m vo	gr pl pr opr abk sbk	<10	76 >75		po vir pe fr p fi vp vii eii	lo so sh h vh eh	8 1.8 5 1. 5 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	SICL SIL SI SIC C SO		1	nk b	0		0676 0677 0679	west veg pit
			m #g 1 2 3	v1 m o vo	gr pl pr opr sbk sbk	<10	75 >75	•	po vfr po tr p fl p vfl efl	lo so sh h vh eb	8 19 91 901 101	81CL 81L 91 91C 0 90	Ī	1	n p p nk b c k do		a a o w g i d b		•

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Depth (om)	Horizon	Color molet dry		Btruc	lure	.Greve %	We	<u>Con</u>	Moist	Dry	Text	ure	pH	Cla	xy film	ne	Bound aries	. 10	les
0- 00-	A	257 4/2	m •g 1 2 3	vf f m va	gr pl pr opr abk ebk	0 50 10 70 10 >7 25	5	po pe vp	lo vir tr ti vii efi	lo so sh h vh sh	р <mark>- (8</mark> ) н с	81 81 81 81 81 81 81 81 81 81 81 81 81 8		v1 1 2 3 4	n mk k	pi po br cobr	•••	Not	Reactive
10- 26"	Bi	2.5Y 6/4	m •g 1 2 3	vf f m o ve	gr pl pr cpr abk abk	0 10 25	5 80	po pe P Vp	lo vtr tr ti vti eti	lo so sh h vh eh	p r g m al	81C C		v1 1 2 3 4	n mk k	po po br co cobr	с. С.	Root:	s to 12" Rauche
96 - 48 <sup>°</sup>	В		m sg 1 2 3	vi r m o q	gr pl pr cpr abk sbk	0 (5) <10 7) 10 >7 25	5 80 5 88 5 9	po ps p vp	lo vir fr fi vii efi	lo so sh h vh eh	p r B B B	51 51 51 51 51 51 50 50 50 50 50 50 50 50 50 50 50 50 50		v1 1 2 3 4	n mk k	pf po br cobr		40%	hve in of of he
			m •g. 1 2 3	vf 1 m o vo	gr pi pr opr obk sbk	0 51 <10 71 10 >7 25		90 <b>9</b> 9 90 <b>9</b> 9	10 vfr fr 11 vf1	la so h vh eh	8 1.8 80. 1 0.	81CL 81L 81C 81C 81C 81C 81C 81C 81C 81C 81C 81C		v1 1 2 3 4	n mk k	pt po br co br			res 7 North 8 East
			m •0 1 2 3	vf f m vo	gr pi pr opr abk ebk	0 50 <10 70 10 >7 25	5 88	po pe p vp	lo vfr fr fi vfi efi	lo so sh h vh eh	8 1.8 901. 1. 01.	SICL SIL SI SIC C SO		v1 1 2 3 4	n mk k	pt po br cobr		0690	i South West Veg
			m •g 1 2 3	t m v vo	gr pi pr opr obk obk	0 50 <10 70 10 >7 25		po pe p	lo vfr tr fl vfl efl	lo so sh h vh eh	8 1.9 9L 8CL 1. CL	SICL SIL SI SIC O SIC		v1 1 2 3 4	n mk k	po br cobr		0693 0693	pit pit

Boll Description: Location Lost Greet Soil Pit 10

 $\approx$ 

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of growel

	n Maleriai(d	Slope(	<u> </u>	oct	Geomorphic S	EB, DP	d sized perticit	
Depth (om)	Horizon	Color molet dry	Structure	Gravel	· Consistence Wot Moist Dry	Texture pH	Clay films Bound- aries	notes
0- 11 <sup>14</sup>	A	<u>10 YR</u> 5/4	m vf gr sg f pi 1 m pr 2 c. opr 3 vo sok sok	0 50 10 75 10 >75 25	eo po vir so es pe fr sh e p ti h ve vp vii vh efi eh	8 SICL LS SIL SI, SI SIC L C CL SC	v1 n pf 1 po 2 mk br 3 co 4 k cobr	Roots to 11" Not Reachi ve
- וו רכ	Bi	<u>.                                    </u>	m vf gr eg f pl 1 m pr 2 a cpr 3 vo abk ebk	0 50 <10 75 10 >75 25	so po vfr so se ps fr sh se p fi h ve vp vfi vh efi eh	8 8KL 19 8IL 80 8I 80 8K 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	2 mk br g i	Lots of weather limestore log Reachive
27- 48 <sup>22</sup>	B	<del>2.5</del> 7 6/4	m vf gr sg f pi 1 m pr 2 c cpr 3 vc abk sbk	0 50 <10 75 10 >75 25	as ps tr sh	9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	v1 n pf 1 po 2 mk br 3 co 4 k cobr	Not Reacture Lots of sond Abrupt change
			m vf gr sg.f pi 1 m pr 2 o opr 3 vo abk sbk	0 50 <10 75 10 >75 25	so po vir so as ps fr sh s p fi .h vs vp vii vh efi sh	8 81CL LS 81L 8L 81 8CL 81C L C CL 9C	v1 n pf a n 1 po a w 2 mk br g l 3 co d b 4 k cobr	Pictures 0666 North 0667 East 0668 west
			m vf gr eg f pl 1 m pr 2 a opr 3 vo ebk ebk	0 50 <10 75 10 >75 25	ss ps tr sh	8 8 1 CL L9 8 1 L SL 91 9 CL 9 1 C L C CL 9 0	1 po o w 2 mk br g l	0669 South 0670 fit 0670 fit 0671 Fit 0672 Vay
			m vf gr eg f pl 1 m pr	0 50 <10 76	eo po vfr eo es pe tr eh	8 51CL L9 81L 9L 91	vin pia i po a w 2 mk brai	

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	Material(		1		Described by		-				
Depth (om)	Horizon	Color molet dry	Structure	<u>Gravel</u> %	Consistence Wet Moist Dry		pH	Clay films	Bound- aries	- notes	
0- 9"	A	107R 4/3	m vf gr ng f pi 1 m pr 2 o.opr 3 vo abk abk	0 50 <10 75 10 >75 25	so po vir so se pe fr sh a p fr h vs vp vii vh eff sh	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		v1 n pf 1 po 2 mk br 3 co 4 k cobr	₽.0(9 ₽ ₽ - 8 = ₽	Not Reactive	
7- 16 <sup>11</sup>	AB	2.54 5/3	m vf gr sg f pl 1 m pr 2 a cpr 3 vo abk abk	a 60 √10 75 10 >75 25	so po lo lo se pe fr sh e P fi h ve vp vfi vh efi eh	8 8 6 CL (18) 8 HL 8 L 8 H 9 CL 8 H C C 8 C C 8 C		vi n př i po 2 mk br 3 co 4 k cobr		Areas around grass/sacye roots has no ortganics Htahk Reactive	ne e expectially mean row
€- €	в	2.5Y 54	m vf gr og f pi 1 m pr 2 o opr 3 vo abk abk	0 50 (10) 75 10 >75 25	eo po lo lo sa pa fr sh s p fi h ve vp vii vh efi sh	9 9KCL (19) SIL 8L 8I 8CL 8KC L 0 CL 80		v1 n pf 1 po 2 mk br 3 co 4 k cobr	a e o w g i d b	Roots to 28" Not Reachive	
			m vf gr eg f pi 1 m pr 2 o opr 3 vo abk ebk	0 50 <10 75 10 >75 25	ao po vir eo aa pe tr sh e p ti .h ve vp vii vh efi eh	8 91CL 1.8 84L 8L 91 8CL 81C L C CL 9C		v1 n pf 1 po 2 mk br 3 co 4 k cobr	g i d b	Pictures 0680 North 0681 East 0682 South	
			m vf gr eg f pi 1 m pr 2 o opr 3 vo abk ebk	0 50 <10 75 10 >75 25	eo po vír eo es pe fr sh e p ft h va vp víl vh eft eh	8 81CL LS 81L SL SI SOL 81C L C CL SO		v1 n pf 1 po 2 mk br 3 co 4 k cobr	o w	0683 West 0684 Veg 0685 Pit 0686 Pit	
			m vf gr ag f pi 1 m pr 2 o opr 3 vo abk abk	0 50 <10 75 10 >75 25	ac po vfr so ac pe fr sh a p fi h vs vp vfi vh efi sh	8 81CL 1.9 81L 9L 81 9CL 81C L 0 CL 9C		v1 n pf 1 po 2 mk br 3 co 4 k cobr	a v g d b		

Depth (om)	Horizon	Color moist dry	Structure	Gravel Consistence	Touture 1941	Clay films Bound-	putitiches ( petities ( 12
0.8	ŀВ	10YR 4/3	m vf gr eg f pl 1 m pr 2 d. opr 3 vo ebk ebk	0 50 so po vir <10 75 ss ps fr 10 >75 s p 11 25 vs vp vi	0 LS SIL h SL SI	v1 n pl a a 1 po o w 2 mk br a 3 co d b 4 k cobr	Roots to 11" Not Proaching
8- 48*	В	<u>loyp</u> 4(3	m vf gr sg f pl 1 m pr 2 g cpr 3 vo abk sbk	0 50 so po vir 10 75 se pe fr 10 >75 e p fi 25 ve vp vii	0 L8 SIL h BL SI	vi n pře a d 1 po o 2 mk br g 3 co g 4 k cobr	Reactive in spots toward center
			m vf gr eg f pl 1 m pr 2 o cpr 3 vo ebk sbk	0 50 eo po vfr <10 75 es ps fr 10 >75 e p fi 25 ve vp vil	h SL SIL	v1 n pf a a 1 po o w 2 mk br g l 3 co d b 4 k cobr	
<del>u la de</del>			m vf gr eg f pl 1 m pr 2 o cpr 3 vo ebk ebk	0 50 so po vir <10 75 se ps fr 10 >75 s p fi 25 vs vp vil	h SL SIL	2 mk br a i	Pictures 0802 North 0803 East 0804 South
			m vf gr eg f pi 1 m pr 2 o cpr 3 vo abk ebk	0 50 eo po vir <10 75 es pe fr 10 >75 e p fi 25 ve vp vil	h SL SI		0805 West 0806 Veg 0808 Pit 0808 Pit

\* Doplicate sample taken LCSP13BD

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	Material(		O Asp	oct	Geomorphic Described	Burtace (	d sized prof	iches, growel
Depth (om)	Horizon	Color molet dry	Structure	Gravel %	<u>· Consistence</u> Wot Molst Dry		H Clay films	Bound- aries notes
0- 9.5	A	10YR 4/3	m vf gr eg f pi 1 m pr 2 c.opr 3 vo ebk ebk	0 60 <10 75 10 >78 25	so po vir so se pa fr sh s p ti h vs vp vii vh eft sh	5 5KCL 15 5KL 56 5K 50 5KC 1 0 0 50	v1 n pf 1 po 2 mk br 3 co 4 k cobr	· Roots to 9
95- 20''	AB	10 YR 4/3	m vf gr eg f pi 1 m pr 2 c cpr 3 vo abk sbk	0 80 <10 75 (10 >75 25	so po vir so se ps fr sh s p fi h vs vp vfi vh efi sh	8 84CL 18 81L 80 84 90 86 1 0 1 0 0 90	v1 n pf 1 po 2 mk br 3 co 4 k cobr	· ward sandy gravel Not Reach
20- 48"	В		m vf gr eg f pl 1 m pr 2 o opr 3 vo ebk ebk	0 50 <10 75 10 >75 25	so po vir so se pa fr sh e p fi h ve vp vii vh efi sh	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	v1 n pf 1 po 2 mk br 3 co 4 k cobr	Non Reach
			m vf gr eg. f pi 1 m pr 2 o opr 3 vo abk ebk	0 50 <10 76 10 >75 25	so po vír so as pe fr sh e p fi .h vs vp víl vh efi eh	8 81CL L8 81L SL 81 SCL 81C L C CL 90	v1 n pt 1 po 2 mk br 3 co 4 k cobr	Pictures 0 10657 No 0658 Ea
			m vf gr eg f pi 1 m pr 2 a cpr 3 va abk ebk	0 50 <10 76 10 >75 25	eo po vír eo es pe fr eh e p fi h ve vp vil vh efi eh	8 5 1 CL LS 8 IL SL 8 I 9 CL 8 10 L C CL 80	v1 n pf 1 po 2 mk br 3 oo 4 k cobr	• 0659 500 • 0660 Les • 0666 Ves • 0666 Ves
			m vi gr ng f pi 1 m pr 2 o opr 3 vo sok	0 60 <10 75 10 >75 26	so po vfr so se pe fr sh e p fi h ve vp vfi vh	8 81CL L9 81L 9L 81 9CL 81C L 0 CL 90	v1 n pf 1 po 2 mk br 3 co 4 k cobr	

\* Duplicate LCSP14BD

Bite N Elevelia	n	Date 6-21-06 Blope 0	Time 9:50	Ins 1	South Geomorphic E	Burface_3	nd	sized part	- three hickes	small amount of growe
Depth (om)	Material ( Horizon	Color molet dry	Structure	<u>Graval</u>	<u>Consistence</u> Wel Molst Dry	Texture	pH	Clay films	Bound- aries	· notes
0. 18"	A	<u>1078</u> 4/3	m vf gr sg f pl 1 m pr 2 c.opr 3 va sbk sbk	0 50 <10 75 10 >75 25	so po vir so ss ps fr sh s p ti h vs vp vii vh eft sh	5 5 6 L L5 5 1 L 5 5 6 C L 5 6 C L 6 6 C		v1 n pf 1 po 2 mk br 3 co 4 k cobr		Not reachive Roots to 9"
18- 48 <sup>°°</sup>	B	2.54 6/3	m vf gr eg f pi 1 m pr 2 a cpr 3 vo abk abk	6 80 <10 75 10 >75 25	so po vir so se pe fr sh e p fi h ve vp vii vh ett eh	8 19 19 1 1 1 19 1		vt n pf 1 po 2 mk br 3 co 4 k cobr	a a o w g i d b	B portion has slightly more caleifications than leaching B 3 partion.
			m vf gr eg f pl 1 m pr 2 c opr 3 vo ebk ebk	0 50 <10 75 10 >75 25	so po vir so ss ps fr sh e p fi h ve vp vii vh efi sh	S         SICL           LS         SIL           SL         SI           SCL         SIC           L         C           CL         SO		v1 n pf 1 po 2 mk br 3 co 4 k cobr	a a c w g i d b	Both Reachine
			m vf gr sg. f pi 1 m pr 2 o opr 3 vo sok sok	0 50 <10 75 10 >75 25	so po vir so se pe tr sh e p ti .h vs vp vii vh eff eh	8 81CL L8 81L 8L 81 8CL 81C L C CL 8C		v1 n pf 1 po 2 mk br 3 co 4 k cobr	a a c w g i d b	Pictures 0656 North 0637 East
			m vf gr eg f pi 1 m pr 2 c cpr 3 vo abk ebk	0 50 <10 75 10 >75 25	so po vír so se ps fr sh e p fi h ve vp vil vh efi eh	8 51CL LS 51L 51L 51 50L 610 L C CL 50		v1 n př 1 pa 2 mk br 3 oc 4 k cobr	o w g i d b	0638 South 0639 West 0640 Veg 0641 Pit
		•••••	m vf gr eg f pi 1 m pr 2 o opr 3 vo ebk ebk	0 50 <10 75 10 >75 25	eo po vfr eo es pe fr eh s P fi h vs vp vfi vh efi eh	8 SICL L3 BIL 9L SI SCL SIC L O CL SC		vi n pf 1 po 2 mk br 3 co 4 k cobr	a e g i d b	ocus Pit

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Elevation				pect	Geomorphic & Described t	Burface_		steed	postil	×s
Depth (am)	Horizon	Color moist dry	Structure	Gravel X	· Consistence Wol Moist Dry	Texture	рн с	lay films	Bound- ariss	. notes
0 33"	A	10XR 4/3	m vf g sg f p 1 m p 2 c.op 3 vo eb sb	<10 50 <10 75 10 >75 k 25	so po vir so se pe fr sh s p fi h vs vp vii vh efi sh	୫ ୫୧୦ ୮୫ ୫୮ ୫୮ ୫୮ ୫୦ ୮ ୦	v1 1 2 3 4	n pî po mk br co k cobr	o w g l d b	No reaction Roots to (24
33- 48'	B	257 6/3	m vf g sg f p 1 m p 2 a cp 3 vo at sb	<10 76 10 >78 26		8 (18) 81, 81 82, 81 90, 810 1, 80 1, 80 1, 80 1, 80 1, 80	V1 1 2 3 4	n pf po mk br co k eobr		No reachern
			m vf g eg f p 1 m p 2 o op 3 vo et et	0 60 <10 75 10 >75 k 25	eo po vfr eo ea pa fr sh e p fi h ve vp vii vh efi eh	5 5 16L L5 5 L 5L 51 5CL 510 L 0 CL 50	V1 1 2 3 4	n pf po mk br co k cobr	a v g i d b	
			m vf g sg.f p 1 m p 2 o op 3 vo sb sb	0 50 <10 75 10 >75 k 25	so po vir so as pe ir sh s p ii .h vs vp vii vh efi sh	8 8101. 1.9 811. 801. 810 1. 0 01. 800 01. 800	v1 1 2 3 4	n pf po mk br oo k cobr	a w gi db	Pictures 0650 North 0651 East 0652 South
			m vi g eg f p 1 m p 2 a op 3 va eb	<pre>0 50 &lt;10 75 10 &gt;75 x 25 </pre>	eo po vfr so sa pe fr sh s p fl h ve vp vfl vh efl eh	8 8 6 CL L9 8 IL SL 8 I SCL 8 IC L C CL 80	V1 12 34	n pf po mk br oo k cobr	o w gi db	0655 west 0654 veg 0655 pit 0656 pit
	-		m vi gu ag i pi 1 m pi 2 o op 3 vo ab ab	<10 50 <10 75 10 >75 25	so po vfr so se pe fr sh e p fi h vs vp vfi vh efi eh	5 51CL L5 51L 9L 51 9CL 51C L C CL 50	v1 1 2 3 4	n pf po mk br co k cobr	d b	Time set back on hour after these shots. Till now they are off by 1 b



Photo 1 (left): Sample point LCSP1 within the Lost Creek\_Typic Torriorthent, fine-loamy over sandy, mixed, mesic Photo 2 (right): Sample point LCSP3 within the Lost Creek Typic Torriorthent, loamy, mixed, mesic



Photo 3 (left): Sample point LCSP5 within the Lost Creek\_Typic Torriorthent, fine-loamy over sandy, mixed, mesic Photo 4 (right): Sample point LCSP6 within the Lost Creek\_Typic Torriorthent, fine-loamy over sandy, mixed, mesic



Photo 5 (left): Sample point LCSP7 within the Lost Creek Typic Torriorthent, fine-loamy, mixed, mesicPhoto 6 (right): Sample point LCSP11 the Lost Creek\_Typic Torriorthent, fine-loamy over sandy, mixed, mesic



Photo 7 (left): Sample point LCSP13 within the Lost Creek\_Typic Torriorthent, fine-loamy over sandy, mixed, mesic Photo 8 (right): Sample point LCSP14 within the Lost Creek Typic Torriorthent, loamy, mixed, mesic