

HOLE	STA	E DIST	C <sub>3m</sub>	MOIST	SAMPLE AS
B-0398	1062+00	42.50			
2.0 core			4.0-4.5		Sample
			9.20-12.5		Sample
B-0399	1058+00	42.60			Sample
2.0 core				moist B-0398 C	
Borrow 1					
B-0400				Dry	B-0401 A
HOLE 1				Dry	B-0401 B
Dig 15					
				moist	B-0401 C
B-0401					Sample
Hole 2			4.0-4.5		Sample
Dig 15			15.0-15.5		Sample

A 0.2	gravel road metal	
B 6.2	DARK Brown SILTY CLAY	
	Mixed w/SAND FILL	
C 13.0	gray brown SILTY CLAY	
	w/IRON STAINS + occ SAND Seams	
11.3	plugged	24
A 0.4	Brown SILTY CLAY loam Topsoil	
B 12.0	gray brown SILTY CLAY w/	
	IRON STAINS + occ / SAND Seams	
8.2	plugged	24
A 0.4	Brown SILTY CLAY loam Topsoil	
B 9.5	gray brown SILTY CLAY w/	
	IRON STAINS + occ SAND Seams	
C 15.0	gray SILTY CLAY w/occ SAND Seams	
6.5	H <sub>2</sub> O	24
A 0.4	Brown SILTY CLAY loam Topsoil	
B 9.5	gray brown SILTY CLAY w/IRON STAINS	
	+ occ / SAND Seams	
C 16.0	gray SILTY CLAY w/occ SAND Seams	
16.7	H <sub>2</sub> O	24

FILE	STA	Q DIST	G S m	MOIST	SAND AS
B-0402					Sample
Hole 3			5.0-5.5		Sample
DIG 20					
		couldn't core	SAND		Sample
		SUFFED IN			Sample
B-0403				DRY	B-0402 A
HOLE 4				DRY	B-0402 B
DIG 20				MOIST	B-0402 C
		SUFFED IN	COULDN'T CORE		SAMPLE
B-0404				Dry	B-0405 A
HOLE 5				Dry	B-0405 B
DIG 20					
				MOIST	B-0405 C
		TO SANDY FOR CORE			SAMPLE
B-0405					Sample
Hole 6			5.0-5.5		Sample
DIG 15					
		TO SANDY			Sample
		NO CORE			Sample

A 0.4 Brown SILTY CLAY loam Topsoil  
 B 10.5 gray brown SILTY CLAY w/IRON STAINS  
 + OCC / SAND SEAMS  
 C 17.0 gray SILTY CLAY w/OCC SAND SEAMS  
 D 20.0 Dark gray SILTY CLAY w/PEAT layers  
 7.5 110 24

A 0.4 Brown SILTY CLAY loam Topsoil  
 B 11.0 gray brown SILTY CLAY w/SAND SEAMS  
 C 13.5 gray SILTY CLAY w/OCC SAND SEAMS  
 D 20.0 Dark gray SILTY CLAY w/PEAT layers  
 8.2 plussed. 24

A 0.4 Brown SILTY CLAY loam Topsoil  
 B 11.5 gray brown SILTY CLAY w/IRON STAINS  
 + OCC / SAND SEAMS  
 C 12.5 gray SILTY CLAY w/OCC SAND SEAMS  
 D 20.0 Dark gray SILTY CLAY w/PEAT layers  
 + OCC SAND SEAMS  
 8.5 plussed 24

A 0.4 Brown SILTY CLAY loam Topsoil  
 B 11.0 gray brown SILTY CLAY w/IRON STAINS +  
 OCC / SAND SEAMS  
 C 12.5 gray SILTY CLAY w/OCC SAND SEAMS  
 D 20.0 Dark gray SILTY CLAY w/PEAT layers + OCC S.S.  
 9.0 plussed 24



Hole #	STA	Dist	C sm	moist	SAME AS
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L-0702				dry	L-0703A
Borrow #6				moist	L-0703B
Hole #1				moist	L-0703C

L-0703			C 1.2-.7		SAMPLE
Hole #2			C 5.0-5.5		SAMPLE
			C 20.0-20.5		SAMPLE

L-0704				dry	L-0703A
Hole #3				moist	L-0703B
				moist	L-0703C

L-0705			C 1-.6		SAMPLE
Hole #4			C 8.0-8.5		SAMPLE
			Too sandy to core		SAMPLE

ALohr  
A Ellen Sohn Temp 80° 74

1.0	A	DK BR Silty clay TS
14.5	B	BR GR Silty Clay w/TS
35.0	C	BR Silty GL CL w/SS
28.2	H <sub>2</sub> O	24 HRS

1.8	A	DK BR Silty CL TS
14.0	B	BR GR Silty CL w/TS
30.0	C	BR Silty GL CL w/SS
21.5	H <sub>2</sub> O	24 HRS

1.4	A	DK Brown Silty CL TS
13.5	B	BR GR Silty CL w/TS
30.0	C	BR Silty GL CL w/SS
8.1	H <sub>2</sub> O	24 HRS

1.0	A	Dark Brown Silty Clay Top Soil
16.0	B	Brown Gray Silty Clay
30.0	C	Brown Silty Glacial Clay w/ Sand Seams

18.1	H <sub>2</sub> O	24 HRS
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Hole	STA	C Dist	CSM	moist	SAME AS
L-0706				dry	L-0705-A
Hole #5				moist	L-0705-B
				moist	L-0705-C

L-0707		C 2-.7		SAMPLE	
Hole #6		C 10.0-10.8		SAMPLE	
		Too SANDY TO CORE		SAMPLE	

L-0708				dry	L-0707-A
Hole #7				moist	L-0707-B
In Pasture				moist	L-0707-C
CRP					

6-13-12

15

Temp 60-75

1.0	A	Dark Brown Silty Clay Top Soil
15.0	B	Brown Gray Silty Clay
30.0	C	Brown Silty Glacial Clay w/ Sand Seams

28.0 H<sub>2</sub>O 24 HR

1.0	A	Dark Brown Silty Clay Top Soil
14.5	B	Brown Gray Silty Clay
30.0	C	Brown Silty Glacial Clay w/ Sand Seams

16.3 H<sub>2</sub>O 24 HR

1.5	A	Dark Brown Silty Clay Top Soil
13.5	B	Brown Gray Silty Clay
30.0	C	Brown Silty Glacial Clay w/ Sand Seams

17.2 H<sub>2</sub>O 24 HR

Hole	STA	E Dist	CSM	moist	SAME A-S
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A. Lohr  
A. Ellensohn

16

L-0709			No core		SAMPLE
Hole #8			8.0-8.5		SAMPLE
In Pasture			16.0-16.5		SAMPLE
CRP					

.4	A	Dark Brown Silty Clay Top Soil
12.0	B	Brown Gray Silty Clay
30.2	C	Brown Silty Glacial Clay w/ Sand Seams
17.5		Plugged 24 HR

L-0710					L-0709-A
Hole #9					L-0709-B
In Pasture					L-0709-C
CRP					

.4	A	Dark Brown Silty Clay Top Soil
12.5	B	Brown Gray Silty Clay
20.0	C	Brown Silty Glacial Clay w/ Sand Seams
20.0		Dry 24 HR

L-0711					SAMPLE
Hole #10			5.0-5.5		SAMPLE
IN CRP					

.4	A	Dark Brown Silty Clay top Soil
10.0	B	Dark Gray Silty Clay
6.2		H <sub>2</sub> O 24 HR

L-0712					L-0711-A
Hole #11					SAMPLE
in CRP					

.4	A	Dark Brown Silty Clay Top Soil
10.0	B	Dark Gray Silty Clay
7.1		H <sub>2</sub> O 24 HR

Hole<sup>#</sup> STA Dist CSM moist

SAME  
AS

L-0788  
Borrow<sup>#</sup> 1 (Corn Field E.)  
Hole<sup>#</sup> 1 of school  
Dig 20

dry L-0789-A  
moist L-0789-B  
moist L-0789-C

L-0789  
Borrow<sup>#</sup> 4  
Hole<sup>#</sup> 2  
Dig 20

0.0-0.5

0.0-4.5

SAMPLE

SAMPLE

Too sandy to  
core

SAMPLE

L-0790  
Borrow<sup>#</sup> 4  
Hole<sup>#</sup> 3  
Dig 20

L-0789-A

L-0789-B

0.4 A Dark Brown Silty Clay Top Soil  
8.6 B Gray Silty Clay w/ Iron Stains  
20.1 C Brown Silty Clay w/ occ  
Sand Seams

18.1

H<sub>2</sub>O

24 HR

0.6 A Dark Brown Silty Clay Top Soil  
9.3 B Gray Brown Silty Clay w/  
Iron Stains  
22.3 C Brown Silty Clay w/ occ Sand  
Seams

18.3

H<sub>2</sub>O

24 HR

0.6 A Dark Brown Silty Clay Top Soil  
10.6 B Gray Brown Silty Clay w/ Iron  
Stains  
20.2 C Brown Silty Clay w/ occ. Sand  
Seams

18.5

H<sub>2</sub>O

24 HR



44

Hole#	STA	E Dist	C S m	moist	SAME AS
L-0791			0.0-0.5		SAMPLE
Borrow #4			6.0-6.5		SAMPLE
Hole #4					
Dig 20			Too Sandy to Core		SAMPLE

L-0792				dry	L-0791-A
Borrow #4				moist	L-0791-B
Hole #5					
Dig 20				moist	L-0791-C

L-0791-D

L-0793			0.0-0.5		SAMPLE
Borrow #4			6.0-6.5		SAMPLE
Hole #6					SAMPLE
Dig 20			21.5-22.0		Sample

0.6	A	Dark Brown Silty Clay Top Soil
10.6	B	Gray Brown Silty Clay w/ Iron Stains
17.2	C	Brown Silty Clay w/occ Sand Seams
22.4	D	Black Peat
17.4		H <sub>2</sub> O 24 HR
0.6	A	Dark Brown Silty Clay Top Soil
10.4	B	Gray Brown Silty Clay w/ Iron Stains
18.1	C	Brown Silty Clay w/occ Sand Seams
23.3	D	Black Peat
17.6		H <sub>2</sub> O 24 HR
0.6	A	Dark Brown Silty Clay Top Soil
9.2	B	Gray Brown Silty Clay w/ Iron Stains
20.1	C	Brown Silty Clay w/occ Sand Seams
23.3	D	Brown Gray Glacial Clay
19.1		Plugged 24 HR



Hole #	STA	Dist	CSm	moist	SAME AS
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L-0822 95600 L+60

Drill  
Main line

L-0823  
Borrow #5  
Hole #1

C 2.5-3.0

C 20.0-20.5

SAMPLE

SAMPLE

SAMPLE

SAMPLE

moist L-0823A

moist L-0823-B

wet L-0823-C

wet L-0823-D

0.6	A	Soft Silty Clay Top Soil
11.9	B	Soft Gray Brown Silty Sandy Clay
13.7	C	Soft Dark Brown Peat
33.2	D	Very Firm Dark Gray Glacial Clay w/ Sand Seams
13.9	H <sub>2</sub> O	24HR

0.5	A	Brown Silty Clay Top Soil
11.7	B	Gray Brown Silty Clay w/ Iron Stains
17.6	C	Dark Brown Peat
20.5	D	Dark Gray Glacial Clay w/ Sand Seams
16.3	H <sub>2</sub> O	24HR

L-0824  
Borrow #5  
Hole #2

0.5	A	Brown Silty Clay Top Soil
10.6	B	Gray brown Silty Clay w/ Iron Stain
16.8	C	Dark Brown Peat
20.1	D	Dark Gray Glacial Clay
14.9	H <sub>2</sub> O	24HR

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Hole #	STA	Dist	CSM	moist	SAME AS
L-0825					
Borrow #5					SAMPLE
Hole #3			40.4.5		SAMPLE
					SAMPLE
			20.1-20.6		SAMPLE

L-0826				Dry	L-0825-A
Borrow #5				moist	L-0825-B
Hole #4				moist	L-0825-D
				moist	L-0825-E

L-0827					
Borrow #5					SAMPLE
Hole #5			3.4-4.0		SAMPLE
					SAMPLE

0.5	A	Brown Silty Clay	Top Soil
10.2	B	Gray Brown Silty Clay w/ Iron Stains & sand seams	
13.6	C	Dark Gray Silty Clay	
14.4	D	Dark Brown Peat	
20.6	E	Dark Gray Glacial Clay w/ sand seams	
18.4		H <sub>2</sub> O	24HR
0.4	A	Dark Brown Silty Clay	Top Soil
10.3	B	Gray Brown Silty Clay w/ Iron Stains	
13.6	C	Dark Brown Peat	
20.1	D	Dark Gray Glacial Clay	
16.6		H <sub>2</sub> O	24HR
0.4	A	Dark Brown Silty Clay	Top Soil
14.4	B	Gray Brown Silty Clay w/ Iron Stains	
20.1	C	Dark Brown Peat	
28.3	D	Dark Gray Glacial Clay	
13.3		H <sub>2</sub> O	24HR

Hole #	STA	Dist	CSM	moist	SAME AS
L-0832	755600	E			
Ramp					
Drill					
L-0833	755400	L+60			
Ramp					
Drill					
L-0834					SAMPLE
Borrow #7					SAMPLE
Hole #1					SAMPLE
					SAMPLE
L-0835					
Borrow #7				Dry	L-0834-A
Hole #2				Dry	L-0834-B
				moist	L-0834-C
				moist	L-0834-D

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0.6	A	Soft Dark Gray Silty Clay Top Soil
9.8	B	Soft Gray Brown Silty Clay w/ Iron Stain
13.2	C	Med Fine Brown Sand
14.7	D	Soft Dark Peat
28.2	E	Firm Dark Gray Glacial Clay w/ Sand Seams
19.6		H <sub>2</sub> O 24 HR
0.5	A	Soft Dark Gray Silty Clay Top Soil
7.9	B	Soft Gray Brown Silty CL w/ Iron Stain
9.3	C	Fine Sand
12.7	D	Soft Dark Peat
28.3	E	Firm Dark Gray Glacial Clay w/ SAND Seams
23.7		H <sub>2</sub> O 24 HR
1.2	A	Dark Brown Silty Clay Top Soil
11.5	B	Gray Brown Silty Clay w/ Iron Stains
14.6	C	Dark Brown Peat
20.1	D	Dark Gray Glacial Clay
13.2		H <sub>2</sub> O 24 HR
0.7	A	Dark Brown Silty Clay Top Soil
11.3	B	Gray Brown Silty Clay w/ Iron Stains
14.2	C	Dark Brown Peat
18.8	D	Brown Sand w/ Clay Seams
13.8		Plugged 24 HR



Hole # STA Dist CSM moist SAMPLE AS

L-0836  
Borrow #7  
Hole #3

C 4.0-4.5

SAMPLE  
SAMPLE

L-0837  
Borrow #7  
Hole #4

L-0836 A  
L-0836 B  
SAMPLE

L-0838  
Borrow #8  
Hole #1  
Dig 20

C 0.0-0.5  
C 2.5-3.0  
C 21.0-21.5

SAMPLE  
SAMPLE  
SAMPLE

L-0839  
Borrow #8  
Hole #2  
Dig 15

Dry  
moist  
moist

L-0839 A  
L-0839 B  
L-0839 C

L-0840  
Borrow #8  
Hole #3  
Dig 20

C 0.0-0.5  
C 4.0-4.5

Sample  
Sample  
Sample

Temp 40.5 Go  
AM Dense Fog

1.3 A Dark Brown Silty Clay Top Soil  
15.2 B Gray Brown Silty Clay w/ Iron Stains  
14.8 Plugged 24 HR

0.9 A Dark Brown Silty Clay Top Soil  
14.8 B Gray Brown Silty Clay w/ Iron Stains  
20.1 C Brown Gravelly SAND  
18.6 Plugged 24 HR

0.7 A Dark Brown Silty Clay Top Soil  
10.1 B Gray Brown Silty Clay w/ Iron Stains  
21.5 C Dark Gray Glacial Clay w/ SAND Seams  
13.3 H<sub>2</sub>O 24 HRS

0.6 A Dark Brown Silty Clay Top Soil  
11.3 B Gray Brown Silty Clay w/ Iron Stains  
15.2 C Dark Gray Glacial Clay w/ sand Seams  
14.3 Plugged 24 HR

0.6 A Dark Brown Silty Clay Top Soil  
10.3 B Gray Brown Silty Clay w/ Iron Stains  
20.3 C Brown Sand w/ clay Seams  
18.7 H<sub>2</sub>O 24 HR



Hole #	STA	E Dist	CSM	moist	SAME AS				
L-0841					L-0840-A	0.7	A	Dark Brown Silty Clay Top Soil	
Borrow #8					L-0840-B	8.1	B	Gray Brown Silty Clay w/ Iron Stains	
Hole #4					SAMPLE	10.3	C	Dark Brown Peat	
Dig 20					SAMPLE	20.2	D	Gray Sand w/ Clay Segments	
						16.4	H <sub>2</sub> O	24 HR	
L-0842	4558+00	E			SAMPLE	0.6	A	Dark Brown Silty Clay Top Soil	
Ramp D					SAMPLE	9.6	B	Gray Brown Silty Clay w/ Iron Stains	
2.0 core						12.2	C	Dark Brown Peat	
						8.6	H <sub>2</sub> O	4 HR	
L-0843	4560+00	Rt 50		Dry	L-0842-A	0.7	A	Dark Brown Silty Clay Top Soil	
Ramp D				wet	L-0842-B	12.2	B	Gray Brown Silty Clay w/ Iron Soil	
Dig 12						10.1	H <sub>2</sub> O	4 HR	
L-0844	4562+00	E		Dry	L-0845-A	0.6	A	Dark Brown Silty Clay Top Soil	
Ramp D				moist	L-0845-B	12.1	B	Gray Brown Silty Clay w/ Iron Stains	
2.0 core						9.6		4 HR	
L-0845	4565+00	E			SAMPLE	0.5	A	Dark Brown Silty Clay Top Soil	
Ramp D					SAMPLE	10.2	B	Gray Brown Silty Clay w/ Iron Stains	
2.1 core					SAMPLE	13.1	C	Dark Gray Peat	
						10.8	H <sub>2</sub> O	4 HR	

Hole #	STA	E Dist	CSM	moist	SAME AS
L-0850				Dry	L-0851-A
Borrow #9				Moist	L-0851-B
Hole #1					
Dig 20					
L-0851			C <sub>0.0-0.5</sub>		SAMPLE
Borrow #9			C <sub>6.0-6.5</sub>		SAMPLE
Hole #2					
Dig 20					
L-0852				Dry	L-0851-A
Borrow #9				Moist	L-0851-B
Hole #3					SAMPLE
Dig 30					
L-0853			C <sub>0.0-0.5</sub>		SAMPLE
Borrow #9			C <sub>5.0-5.5</sub>		SAMPLE
Hole #4					SAMPLE
Dig 20					
L-0854				Dry	L-0853-A
Borrow #9				Moist	L-0853-B
Hole #5					
Dig 10					

0.6	A	Dark Brown Silty Clay Top Soil
20.3	B	Gray Brown Silty Clay w/ Iron Stains
20.2		Dry 24 HR
0.6	A	Dark Brown Silty Clay Top Soil
18.2	B	Gray Brown Silty Clay w/ Iron Stains
20.6	C	Dark Brown Peat
20.6		Dry 24 HR
0.5	A	Dark Brown Silty Clay Top Soil
19.3	B	Gray Brown Silty Clay w/ Iron Stains
30.2	C	Brown Sand w/ Clay Seams
23.2		A20 24 HR
0.4	A	Dark Brown Silty Clay Top Soil
15.4	B	Gray Brown Silty Clay w/ Iron Stains
20.3	C	Brown Sandy Glacial Clay
20.3		Dry 24 HR
0.4	A	Dark Brown Silty Clay Top Soil
10.2	B	Gray Brown Silty Clay w/ Iron Stains
10.2		Dry 24 HR

Hole#	STA	E Dist	CSM		
L-0866				Dry	L-867-A
Borrow #2				wet	L-867-B
Hole #1					
	Dig 20				
L-0867					SAMPLE
Borrow #2					SAMPLE
Hole #2			3.0-3.5		SAMPLE
Dig 20			Note: Too Sandy for Core		SAMPLE
L-0868				Dry	L-0867-A
Borrow #2				wet	L-0867-B
Hole #3					
Dig 20				wet	L-0867-D
L-0869					SAMPLE
Borrow #2					SAMPLE
Hole #4			4.0-4.5		
Dig 20					SAMPLE

Al Ohr  
B. Garnett

12-5-12

temp 40's

66

0.7	A	Dark Brown Silty Clay Top Soil
16.4	B	Brown Gray Silty Clay w/ Iron Stains
26.1	C	Gray Silty Clay w/ Sand Seams
12.4	H <sub>2</sub> O	24HR
0.6	A	Dark Brown Silty Clay Top Soil
15.2	B	Brown Gray Silty Clay w/ Iron Stains
18.4	C	Dark Brown Peat like Silty <sup>&amp; Sand Seams</sup>
26.2	D	Dark Gray Silty Glacial Clay
11.1	H <sub>2</sub> O	24HR
0.6	A	Dark Brown Silty Clay Top Soil
16.8	B	Brown Gray Silty Clay w/ Iron Stains
		+ Sand Seams
20.4	C	Dark Gray Silty Glacial Clay
12.1	Plugged	24HR
0.6	A	Dark Brown Silty Clay Top Soil
16.2	B	Brown Gray Silty Clay w/ Iron Stains
		+ Sand Seams
20.2	C	Dark Gray Silty Glacial Clay
18.2	H <sub>2</sub> O	24HR



Hole #	STA	C DIST	CSM	moist	SAME AS
L-0870				Dry	L-0871-A
Borrow #2				moist	L-0871-B
Hole #5					
Dig 20				wet	SAMPLE L-0869-C
L-0871					
Borrow 2					SAMPLE
Hole #6					SAMPLE
Dig 20					SAMPLE
L-0872	948+00	Rt 140		Dry	L-0873-A
Mainline				moist	L-0873-B
Dig 15				moist	L-0873-C
L-0873	946+00	Rt 60			SAMPLE
Mainline					SAMPLE
2.0 Core			2.0-2.5		SAMPLE SAMPLE

0.4	A	Dark Brown Silty Clay Top Soil
15.6	B	Brown Gray Silty Clay w/ Iron Stains & Sand Seams
17.8	C	Dark Brown Silty like Peat
20.4	D	Dark Gray Silty Glacial Clay
10.6		H <sub>2</sub> O 24HR
0.5	A	Dark Brown Silty Clay Top Soil
17.2	B	Brown Gray Silty Clay w/ Iron Stain & Sand Seams
20.2	C	Gray Silty Clay w/ Sand Seams
17.2		Plugged 24HR
0.4	A	Dark Brown Silty Clay Top Soil
9.2	B	Gray Brown Silty Clay w/ Iron Stains
15.2	C	Medium Fine Brown Sand
12.8		H <sub>2</sub> O 24HR
0.5	A	Dark Brown Silty Clay Top Soil
8.8	B	Gray Brown Silty Clay w/ Iron Stains
14.6	C	Medium Fine Brown Sand
15.4	D	Dark Gray Silty Clay
12.9		H <sub>2</sub> O 4HR