

SOL TEST PIT DESCRIPTION TEST PIT # JN # 51

10/8/21 BACKHOE - EXCAVATED

SOIL HORIZON	DEPTH (Inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	3-0						
E	0-2	5YR 5/2	—	ST FSL	GR	FR	
Bhs	2-5	5YR 4/6	—	ST FSL	GR	FR	
Bs	5-19	10YR 3/6	—	ST FSL	BKY	FR	
Cd	19-54	10YR 5/3	—	GS	MA	FP	

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_ Standing: \_\_\_\_\_

Depth to Seasonal High Water Table: \_\_\_\_\_

Depth to Restrictive Horizon: 19"

Depth to Bedrock: NONE TO 54"

Soil Series: BECKET - shallow profile

SOL TEST PIT DESCRIPTION TEST PIT # JN # 52

10/8/21 BACKHOE - EXCAVATED

SOIL HORIZON	DEPTH (Inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oi	2-0						
A	0-5	5YR 2.5/1	—	ST FSL	GR	FR	THIN DISCONT. E
Bhs	5-9	5YR 3/4	—	ST FSL	GR	FR	
Bs	9-19	7.5YR 4/6	—	ST FSL	BKY	FR	
Cd	19-56	2.5Y 4/3	CD REDOX high chroma	GS	MA	FP	

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_ Standing: \_\_\_\_\_

Depth to Seasonal High Water Table: 19"

Depth to Restrictive Horizon: 19"

Depth to Bedrock: NONE TO 56"

Soil Series: SKERRY

SOIL TEST PIT DESCRIPTION TEST PIT # JN # 53

10/8/21 BACKHOE EXCAVATED

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	3-0						
E	0-3	5YR 5/2	—	ST FSL	GR	FR	
Bhs	3-8	5YR 4/6	—	ST FSL	GR	FR	
Bs	8-16	7.5YR 4/6	—	ST FSL	BKY	FR	
Bc	16-21	2.5Y 5/3	C-D REDOX CONCENT. & DEPL.	GLS	MA	FR	
Cd	21-50	10YR 5/2	CD CONCENT.	GS	PLY	Fi	

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_ Standing: \_\_\_\_\_

Depth To Seasonal High Water Table: 16"

Depth To Restrictive Horizon: 21"

Depth To Bedrock: NONE TO 50"

Soil Series: SKERY

SOIL TEST PIT DESCRIPTION TEST PIT # JN # 54

10/9/21 HAND EXCAVATED

DRAINAGE CLASS 5 1/2 IN FROM WET FLAG R50  
DOCUPT.

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	2-0						
A	0-7	10YR 2/1	<u>MASKED</u>	ST FSL	GR/BKY	FR	BORDERLINE SAPRIC ORGANIC
Bg	7-18	2.5Y 5/2	C-D-CONCENT.	GLS/GS	MA	FR	

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_ Standing: \_\_\_\_\_

Depth To Seasonal High Water Table: 0" (AT SURFACE)

Depth To Restrictive Horizon: NONE TO 18

Depth To Bedrock: NONE TO 18

Soil Series: PILLSBURY (ESTIMATED - did not reach a "Cd")

(BORDERLINE PEACHAM)



**SOIL TEST PIT DESCRIPTION TEST PIT # JN # 55 10/9/21 HAND EXCAVATED SHOVEL/AUGER**

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>i</sub>	1-0						
E	0-3	10YR 5/1	—	ST FSL	GR	FR	
B <sub>WS</sub>	3-8	5YR 4/6	—	ST FSL	GR	FR	
B <sub>S</sub>	8-15	7.5YR 4/6	—	ST FSL	BKY	FR	
B <sub>CL</sub>	15-23	10YR 4/3	—	SL TO LS	MA	FR	
C <sub>d</sub>	23-26	2.5Y 5/3	CD CONCENT	GS L TO GL S	MA	FP	FRAGILE UPON REMOVAL
	1.0' ± ON STONE						

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_ Standing: \_\_\_\_\_

Depth To Seasonal High Water Table: 23"

Depth To Restrictive Horizon: 23"

Depth To Bedrock: NONE TO 26"

Soil Series: SKERRY

**SOIL TEST PIT DESCRIPTION TEST PIT # JN # 56 10/9/21 HAND EXCAVATED SHOVEL/AUGER**

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>i</sub>	2-0						
E	0-1	7.5YR 6/2	—	ST FSL	GR	FR	
B <sub>WS</sub>	1-8	5YR 3/4	—	ST FSL	GR	FR	
B <sub>S</sub>	8-20	7.5YR 4/6	—	ST FSL	BKY	FR	
B <sub>W</sub>	23-32	10YR 4/6	—	ST FSL	BKY	FR	
B <sub>CL</sub>	32-36	10YR 5/3	CF-REDOX	SI	MA	FR	
C <sub>d</sub>	36-38	2.5Y 4/3	CD-REDOX	IS	MA	FP	

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_ Standing: \_\_\_\_\_

Depth To Seasonal High Water Table: 32"

Depth To Restrictive Horizon: 36"

Depth To Bedrock: NONE TO 38"

Soil Series: SKERRY

SOIL TEST PIT DESCRIPTION TEST PIT # JN # 57 5/16/22

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	4-0						
E	0-2	5YR 5/2	—	ST fsl	GR	FR	BUDRY - SURFACE DISCONTIN. ALBIC
Bhs	2-13	5YR 3/4	—	ST fsl	BKY	FR	
Bs	13-21	7.5YR 3/3	CD redox	ST fsl	BKY	FR	
Cd	21-60	2.5Y 4/3 2.5Y 4/4	CD redox high chroma	ST ls	MA	FI	

Depth to Observed Groundwater (inches): Weeping: 21 Standing: \_\_\_\_\_  
 Depth to Seasonal High Water Table: 13  
 Depth to Restrictive Horizon: 21 (slaty)  
 Depth to Bedrock: NONE TO 60"  
 Soil Series: Colonet - very stony

Photo - weeping H<sub>2</sub>O  
OVER Cd

SOIL TEST PIT DESCRIPTION TEST PIT # JN # 50 5/16/22

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	4-0						
Bhs	0-7	5YR 3/4	—	ST fsl	GR	FR	
Bs	7-16	7.5YR 4/4	—	ST fsl	BKY	FR	
Bc	16-22	7.5YR 4/3	CD redox high & low chroma	ST sl	BKY	FR	
Cd	22-60	2.5Y 4/3 2.5Y 5/3	ST ls high & low chroma pedox	ST ls	PLY	FI	Massive in lower Cd

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_ Standing: \_\_\_\_\_  
 Depth to Seasonal High Water Table: 16  
 Depth to Restrictive Horizon: 22  
 Depth to Bedrock: NONE TO 60"  
 Soil Series: SKERRY



SML TEST PIT DESCRIPTION TEST PIT # IN # 59 5/16/22 (photo)

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De	4-0			Bouldery surface			
E	0-4	10YR 6/1	—	ST fsl	MA	FR	
Bhs	4-10	7.5YR 3/4	—	ST fsl	BKY	FR	
Bw	10-21	2.5Y 4/3	CD redox	ST IS	MA	FR	
Ca	21-58	5Y 5/2	CP redox	ST IS	MA	FP	

Depth to Observed Groundwater (inches): Weeping: 20" Standing: \_\_\_\_\_  
 Depth to Seasonal High Water Table: 10"  
 Depth to Restrictive Horizon: 20"  
 Depth to Bedrock: None to 58"  
 Soil Series: Colonet

SML TEST PIT DESCRIPTION TEST PIT # IN # 60

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De	3-0						
E	0-3	7.5YR 5/1	—	ST fsl	MA	FR	
Bhs	3-6	5YR 4/6	—	ST fsl	BKY	FR	
Bs	6-22	7.5YR 4/4	—	ST fsl	MA	FR	
Ca	22-60	10YR 4/3	CD-redox in upper 2"	ST IS	MA to PLY	FP	

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_ Standing: \_\_\_\_\_  
 Depth to Seasonal High Water Table: \_\_\_\_\_  
 Depth to Restrictive Horizon: 22"  
 Depth to Bedrock: None to 60"  
 Soil Series: Becket

SOIL TEST PIT DESCRIPTION TEST PIT # JN # 61 5/17/22

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	4-0						
E	0-3	7.5YR 5/1	—	ST fs	MA	FR	
Bhs	3-18	7.5YR 4/6	—	ST fs	BKY	FR	
Bs	18-24	7.5YR 4/3	CD redox	ST s	BKY	FR	
Cd1	24-37	2.5Y 4/3	↓	ST ls	MA	FP	
Cd2	37-58	5Y 5/3	↓	ST ls	PLY	FP	
	58						

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_ Standing: \_\_\_\_\_

Depth to Seasonal High Water Table: 18"

Depth to Restrictive Horizon: 24"

Depth to Bedrock: None to 58

Soil Series: SKE RY

SOIL TEST PIT DESCRIPTION TEST PIT # JN # 62 5/17/22

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	4-0						
E	0-2	7.5YR 5/4	—	ST fs	MA	FR	
Bhs	2-8	5YR 4/6	—	ST fs	BKY	FR	
Bs	8-24	7.5YR 5/6	—	ST fs	BKY	FR	
Cd	24-60	2.5Y 4/3	CD-redox	gls	MA/PLY	FP	

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_ Standing: \_\_\_\_\_

Depth to Seasonal High Water Table: 24"

Depth to Restrictive Horizon: 24"

Depth to Bedrock: None to 60

Soil Series: SKE RY





GSL  
 SOIL TEST PIT DESCRIPTION TEST PIT # MEJ-1

excavated area

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
C	0"	2.5Y5/2	No	fsl	sbk	fr	Gr block, speck of wood
R	24"						bedrock

Depth to Observed Groundwater (inches): Weeping: No Standing: No  
 Depth to Seasonal High Water Table: None obs.  
 Depth to Restrictive Horizon: 24"  
 Depth to Bedrock: 24-30"  
 Soil Series: Udypseudoglec-550

GSL  
 SOIL TEST PIT DESCRIPTION TEST PIT # MEJ-2

sapling forest - red maple - locust tree

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	7.5YR 2.5/1	No	fsl	granular	fr	1" Duff
E	7	7.5YR 6/1	No	fsl	"	fr	
Bh	9	7.5YR 3/3	No	fsl	mass	fr	
Bs	12	7.5YR 5/6	No	fsl	sbk	fr	
Bc	21	7.5YR 5/3	No	st-lo	mass	fr to firm	
C	44	7.5YR 5/1	No (moist)	st-al	mass	fr	redox features marked

Depth to Observed Groundwater (inches): Weeping: 64" Standing: 68"  
 Depth to Seasonal High Water Table: 44"  
 Depth to Restrictive Horizon: Pass 21"  
 Depth to Bedrock: None to 72"  
 Soil Series: Beckwith



GSL

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-3

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
AC	0"	10YR 2/1	No	fly ash	-	-	biomass discards inclusion dense mofcast

Depth to Observed Groundwater (inches): Weeping: None Standing: None  
 Depth to Seasonal High Watertable: None  
 Depth to Restrictive Horizon: None 90-100"  
 Depth to Bedrock: None 90-100"  
 Soil Series: WANTAWAS 199

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-4

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
AC	0"	10YR 4/1	No	silt	mass	mp to firm	firm setting pond "rock" quick polymer dense carbts foot

Depth to Observed Groundwater (inches): Weeping: None Standing: None  
 Depth to Seasonal High Watertable: None  
 Depth to Restrictive Horizon: Variable  
 Depth to Bedrock: None 90-100"  
 Soil Series: Z99 UNCLASSIFIED

Red maple, yellow birch, poplar, sugar maple, blackberry, lycopodium, red maple

SOIL TEST PIT DESCRIPTION TEST PIT # GST-MJ-5

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Di	+1	10YR 2/1	No				diff
A	0'	7.5YR 2.5/1	No	fsl	gran	fr	
Bw	7	7.5YR 5/8	No	fsl	mant	fr	
Bh	21	7.5YR 5/3	10% 7.5YR 5/6	gs sl	man	fr	
Cd	36+	7.5YR 4/2	No	st sl	mant	firm in place	distinct root-lind

Standing: None

Depth to Observed Groundwater (inches): Weeping: None  
 Depth to Seasonal High Water table: 2 1/2' perched  
 Depth to Restrictive Horizon: 36  
 Depth to Bedrock: None to 60"  
 Soil Series: Stenny

hardwood, b. cherry, white holly, red maple, sugar maple, balsam poplar, <sup>black</sup>berry

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-6

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Di	+1						Great diff
A	0	10YR 2/1	No	fsl	wfg	mfr	
E	4"	7.5YR 6/1	No	fsl	man	pr	
Bh	9"	7.5YR 2.5/1	No	fsl	mant	pr	
Bs	11"	7.5YR 4/6	No	fsl	mant	pr	
Cd	15"+	7.5YR 5/3	39% 7.5YR 5/8	sl	mant	firm in place	below 18"

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water table: 18" perched  
 Depth to Restrictive Horizon: 15"  
 Depth to Bedrock: 48" para LYRIC  
 Soil Series: Stenny



SOIL TEST PIT DESCRIPTION TEST PIT # MS-7 (GSL)

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>i</sub>	+1	10YR/2/1	No				Diff
A	0	10YR2/1	No	fsl	wf	mfr	
E	3"	7.5YR6/1	No	fsl	man/sbh	fr	
B <sub>s</sub>	7"	7.5YR5/6	No	fsl	man/sbh	fr	
C <sub>d</sub>	14"+	7.5YR5/3	5Y7.5R5/6@14"	sl	man	firm-plac	spodic redox

Depth to Observed Groundwater (inches): Weeping: No Standing: No  
 Depth to Seasonal High Water table: 16" perched  
 Depth to Restrictive Horizon: 14"  
 Depth to Bedrock: None to 60" - difficult digging due to sandy pan - no "smoke"  
 Soil Series: Stony

SOIL TEST PIT DESCRIPTION TEST PIT # MEB

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>i</sub>	+1	10YR2/1	No				Favor diff
A	0	10YR2/1	No	fsl	wf	mfr	
E	3	7.5YR6/1	No	fsl	man	mfr	
B <sub>h</sub>	6	7.5YR3/3	No	fsl	man	mfr	
B <sub>s</sub>	8	7.5YR5/4	10% 7.5YR5/6 5% 7.5YR6/2	sl	man	mfr	redox starts @ 28"
C <sub>d</sub>	38"+	7.5YR5/2	No	sl/dk	man/sbh	firm in place	

Depth to Observed Groundwater (inches): Weeping: No Standing: No  
 Depth to Seasonal High Water table: 20" perched  
 Depth to Restrictive Horizon: 38"  
 Depth to Bedrock: None to 60"  
 Soil Series: Stony

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-9 (GSH)

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Di	+1	10YR 2/1	No				
A	0	10YR 2/1	No	fsl	wf	wpz	
E	4	7.5Y 6/1	No	sal	mass/gram	wpz	
B5	7	7.5Y 5/6	No	sl/grs sl	mass	wpz	
Cd	24+	7.5Y 5/2	No	sl	mass	firm, clay plate	

Depth to Observed Groundwater (inches): Weeping: No Standing: No  
 Depth to Seasonal High Water Table: NONE  
 Depth to Restrictive Horizon: 24"  
 Depth to Bedrock: 38" possible  
 Soil Series: Beekmantown

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-10 area cleared, currently dense Poplar stand - no apparent fill

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Di	+1	10YR 2/1					
A	0	10YR 2/2	No	ful	wf	wpz	
Bw1	4"	10YR 5/3	2% 10YR 5/6 1% 10YR 6/1	ful	mass	wpz	nodules about root channels
Bw2	19	10YR 5/4	1% 10YR 5/6	sl	mass	wpz	weak cementation
Cd	24"+	10YR 5/2	No	grs sl	mass	firm	

Depth to Observed Groundwater (inches): Weeping: No Standing: No  
 Depth to Seasonal High Water Table: 4"  
 Depth to Restrictive Horizon: 24"  
 Depth to Bedrock: None to 60"  
 Soil Series: Colindale



SOIL TEST PIT DESCRIPTION TEST PIT # GSL - MJ-11

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
D <sub>i</sub>	+1	10YR 2/1	No				
A	0	10YR 2/2	No	fsl	wf	mp	
E	4	10YR 7/1	No	fsl	mult	mp	
B <sub>51</sub>	15	7.5YR 5/10	No	fsl	mult	mp	
B <sub>52</sub>	30	10YR 5/4	50% 7.5YR 5/6	sl	mult	firm	
C <sub>d</sub>	36+	10YR 5/2	No	sl	mult	firm	

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 50"  
 Depth to Restrictive Horizon: 30"  
 Depth to Bedrock: 50" possible  
 Soil Series: Stony

Standing: No  
 edge of highly eroded area

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-12

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0"	10YR 3/3	No	sl	gran	pr	
B <sub>W</sub>	9"	10YR 5/3	50% 10YR 5/3 No	sl	man	loose	
C <sub>d</sub>	24"+	10YR 5/3	No	gr sl	man	firm	

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 9" drilled  
 Depth to Restrictive Horizon: 24"  
 Depth to Bedrock: None to 60"  
 Soil Series: Colony

SOIL TEST PIT DESCRIPTION TEST PIT # GSL - MJ-14 area highly altered - some scrub gray birch

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Cd	0	10YR5/3	No	grscl	mass	mpr	Bedrock
R4	21+	NA					

Depth to Observed Groundwater (inches): Weeping: No Standing: No  
 Depth to Seasonal High Water table: 21" non obs.  
 Depth to Restrictive Horizon: 21" Probable  
 Depth to Bedrock: 21" Probable  
 Soil Series: UDR-1550

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-13

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Ap	0	10YR3/3	No	ful (fel)	mass	mpr	
Ab	21"	10YR2/1	No	ful	mass (comp. pressed)	mpr	
E	23'	7.5YR6/1	No	ful	mass	mpr	
Bh	25'	7.5YR4/6	No	sf-ful	mass	mpr	
Cd	30+	10YR5/3	No	g-m	mass	firm	

Depth to Observed Groundwater (inches): Weeping: No Standing: No  
 Depth to Seasonal High Water table: 30" non obs.  
 Depth to Restrictive Horizon: none to 62"  
 Depth to Bedrock: none to 62"  
 Soil Series: UDR-1550



GSL

top-9  
dense poplar flicket - obj. to recent fill + older fill

TEST PIT # MJ-15

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	10YR 2/1	No	sil	wfg	mpz	
Bw1	5	10YR 4/6	No	sl	mant	mpz	
Bw2	12	10YR 5/4	No	sl	mant	mpz to hard	
C	23+	10YR 5/3	No	stsl	mant, pr to pinu	pr to pinu	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No

Depth to Seasonal High Water Table: none obs.

Depth to Restrictive Horizon: 23" 155.54 -

Depth to Bedrock: none 10.624

Soil Series: ~~Acidic~~

very recent fill from Covert Dam

TEST PIT # MJ-16

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	2.5Y 4/2	No	lgy	mant	mpz	
AC	12+	2.5Y 3/1	No	lofa & silt	mant	mpz	roots throughout

Standing: No

Depth to Observed Groundwater (inches): Weeping: No

Depth to Seasonal High Water Table: none obs.

Depth to Restrictive Horizon: none obs.

Depth to Bedrock: none 10.624

Soil Series: ~~Acidic~~

SOIL TEST PIT DESCRIPTION TEST PIT # MS-17

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
<del>A</del>	0	10YR 5/3	10YR 5/1 10YR 5/6	eps (fill)	mass	mpr	rocky fragments w/ yellowish-brown
<del>B</del>	27	10YR 4/1	10YR 5/1 10YR 5/6 NO	fs (fill)	mass	mpr	
B <sub>10D</sub>	39	10YR 4/4	No	fs	mass	mpr	native roots @ 52"
C <sub>6k</sub>	54+	10YR 5/3	No	cl	mass	mpsh	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: none obs.  
 Depth to Restrictive Horizon: none  
 Depth to Bedrock: none to 106"  
 Soil Series: Vertisols - 299

SOIL TEST PIT DESCRIPTION TEST PIT # MS-18

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	10YR 3/3	No	fs (fill)	granular	mpr	
A <sub>C</sub>	0+	10YR 5/3 10YR 5/4 10YR 4/6	No	sfsl (fill)	mass	mpsh	highly mixed, waxy, dark clay

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: none obs.  
 Depth to Restrictive Horizon: none obs.  
 Depth to Bedrock: none obs. to 02"  
 Soil Series: Vertisols - 299



656 TEST PIT # MT-19 exposed BR + man-made wetlands nearby. mostly deep cut - abandoned - random fill pipe-alto

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
C	0-	2.5Y 5/3	No	lo	mass	ufr	
R	36+						Bedrock

Standing: No dom. veg. & bunchgrass <sup>shrub</sup>

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water table: none obs. - (too sandy)  
 Depth to Restrictive Horizon: 18-36"  
 Depth to Bedrock: 18-36" Probable - not certain  
 Soil Series: UNSATURATED-550

SOIL TEST PIT DESCRIPTION TEST PIT # MT-20

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>b</sub>	+2	10YR 2/1	No				
A	0	10YR 2/1	No	sil	wf	ufr	
E	5	7.5YR 6/1	No	sil	mass	ufr	
B <sub>h</sub>	8	7.5YR 4/4	No	sil	mass	ufr	
B <sub>ksl</sub>	9	7.5YR 5/8	No	sil	mass	ufr	
B <sub>wb2</sub>	10	10YR 6/4	No	st sil	mass	ufr	
C <sub>d</sub>	36+	10YR 5/3	No	st sil	mass	firm	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water table: none obs.  
 Depth to Restrictive Horizon: 36"  
 Depth to Bedrock: none to 62"  
 Soil Series: Bedrock

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-21

and stripped of top & sub

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
C	0+	2.5Y5/3	No	Sanctuary w/ disc. lenses of fine sandy loam → in profile	massive → in profile		

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: None observed  
 Depth to Restrictive Horizon: None  
 Depth to Bedrock: None to 65"  
 Soil Series: Udorthents-5D

Standing: No

top soil pushed into window @ edge of clearing - top does not stand up (inclusion)

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-22

edge of free lim - tree cleared but no other earth moving

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Di	12	10YR2/1	No				Forest drift
A	0	10YR2/1	No	sd	gran	pr	
E	3	10YR2/1	No	sd	gran	pr	
B15	6	1.5YR4/4	No	stcl	mass	pr	
B5	9	10YR5/4	No	sd	sbk	pr	
B52	24	10YR6/4	5% 7.5YR4/4 2% 10YR6/1	stcl	.5bk	pr	
CD	36+	10YR5/3	No	al	mass	firm	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 24" pond  
 Depth to Restrictive Horizon: 36"  
 Depth to Bedrock: None to 60"  
 Soil Series: Udorthents



GST TEST PIT # MJ-23 6-7 foot deep out nearby

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
CD	0+	2.5Y5/3	No	al	mass	mpm	
R	30+						Block

Depth to Observed Groundwater (inches): Weeping: None Standing: No  
 Depth to Seasonal High Water table: 0"  
 Depth to Restrictive Horizon: 36" (Movable)  
 Depth to Bedrock: UNDEVELOP-500  
 Soil Series: \_\_\_\_\_

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-24

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Ap	0	10YR 5/6	No	ful (fill)	mass.	mpz	
Ab	12	10YR 2/1	No	ful	mass	mpz	
E	13	7.5YR 6/1	No	ful	mass	mpz	
Bhs	15	7.5YR 4/6	No	ful	mass	mpz	
Es	20	10YR 5/4	5A-7.5YR 5/6 3A-7.5Y 6/1	ful	mass	mpz	
C	36+	2.5Y 5/3	Ni	stcl	mass	mpz	

Depth to Observed Groundwater (inches): Weeping: 20" Standing: No  
 Depth to Seasonal High Water table: 30"  
 Depth to Restrictive Horizon: none to 14"  
 Depth to Bedrock: UNDEVELOP AND COLORED  
 Soil Series: \_\_\_\_\_

GSK

area cleared & trees but mostly not used otherwise

TEST PIT # MJ-25

SOIL TEST PIT DESCRIPTION 10/R 2/1

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	10YR 2/1	No	ful	waf	mpr	
E	6	7.5YR 6/1	No	ful	mant	mpr	
Bhs	16	7.5YR 5/6	No	ful	sbh	hpr	
Cd	21+	2.5Y 5/3	50% 7.5YR 5/6 50% 10YR 6/1	stsl	mant	firm	

Forest Duff

Standing: No

Broken firm, low bush blueberry, sheep laurel, wild raisin

CAT 30HZ<sub>2</sub> C.R. excavator

Depth to Observed Groundwater (inches): Weeping: 27"

Depth to Seasonal High Water Table: 27"

Depth to Restrictive Horizon: none to 72"

Depth to Bedrock: none to 72"

Soil Series: SKOMY

TEST PIT # MJ-26

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oi	+2	10YR 2/1	No	ful	waf	mpr	Forest duff
A	0	10YR 2/1	No	ful	waf	mpr	
E	3	7.5YR 6/1	No	ful	sbh	mpr	
Bhs	10	7.5YR 4/4	No	ful	sbh	mpr	
BS	12	7.5YR 5/6	No	ful	mant	mpr	
C	18+	10YR 5/3	100% 7.5YR 5/6 5% 10YR 6/1	stsl	mant/platy	firm	

red maple, fir, shadbush, Sr. birch, poplar sapling forest

Standing: No

Depth to Observed Groundwater (inches): Weeping: 18"

Depth to Seasonal High Water Table: 18"

Depth to Restrictive Horizon: none to 63"

Depth to Bedrock: none to 63"

Soil Series: SKOMY



turn-off area adj. to road + rd access road (and 1/2 of landing)

GSL TEST PIT # MJ-27

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Ap	0	10YR 3/2	No	fsl (sil)	wfg	mfr	
C1	5	10YR 5/1	No	st sl (foss. fill)	wash platy	mfr	compaction/vehicle
Cd	14	10YR 5/1	No	st sb	mass	mfr to firm	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: none obs. 14"  
 Depth to Restrictive Horizon: none within 61"  
 Depth to Bedrock: none within 299"  
 Soil Series: Wentworth-299

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-28

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Ap	0	10YR 2/2	No	fsl	wfg	mfr	discontinuous
E	7"	10YR 6/1	No	fsl	mass	mfr	wavy lower boundary
Bhs	9"	7.5YR 4/6	No	fsl	mass	mfr	wavy boundary
Bs	15	10YR 5/4	10% 7.5YR 5/6 5% 10YR 4/2	st fsl	mass	mfr	
Cd	36	10YR 5/1	No	st sl	mass	firm	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 21"  
 Depth to Restrictive Horizon: 36"  
 Depth to Bedrock: none within 65"  
 Soil Series: SKINNY

6Sk  
 TEST PIT # MT-29  
 Young forest - Douglas, G. Birch, R. Maple, Poplar, Red Oak, White Pine

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>i</sub>	+2	10YR 2/1	No				Forest duff
A	0"	10YR 2/1	ful No	wf fcl	wf	myr	
E	4"	7.5YR 6/1	No	ful	sb	myr	
B <sub>hs</sub>	10"	7.5YR 3/4	No	ful	sbh	myr	
B <sub>s</sub>	13	7.5YR 5/6	No	ful	sbh	myr	
B <sub>ts</sub>	22	10YR 5/3	50% 7.5YR 5/6 50% 10YR 6/1	stcl	sbh	myr	discontinuous No X
C <sub>d</sub>	30	10YR 5/1	No	stsl	man	myfcm	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 22" discontinuous  
 Depth to Restrictive Horizon: 30"  
 Depth to Bedrock: none to 63"  
 Soil Series: stony pass bucket

TEST PIT # MT-30  
 forest

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>i</sub>	+1	10YR 2/1	No				
A	0	10YR 2/1	No	fcl	wf	myr	
B <sub>hs</sub>	4	7.5YR 4/4	No	fcl	wf sbh	myr	
B <sub>w</sub>	18	10YR 5/3	50% 7.5YR 5/6 30% 10YR 4/1	ful	man	myr	discontinuous redox
B <sub>c</sub>	24	10YR 5/1	No	vft	MAN	myfcm	
C <sub>d</sub>	32	10YR 5/1	No	stsl	MAN	myfcm	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 18" perched  
 Depth to Restrictive Horizon: 24"  
 Depth to Bedrock: none to 64"  
 Soil Series: stony pass bucket



SOIL TEST PIT DESCRIPTION TEST PIT # MJ-31

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>i</sub>	1	10YR 2/1	No				
A	0	10YR 2/1	No	fel	wf	wf	
Bw	4	10YR 5/6	7.5YR 4/6 5% 10YR 6/1 2%	fel	mass	mp	
Cd	25	10YR 5/1	No	st sl	mass	firm	redx mottled

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 25" 4/11  
 Depth to Restrictive Horizon: 25"  
 Depth to Bedrock: max to 62"  
 Soil Series: Colony

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-32

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>i</sub>	12	10YR 2/1	No				
A	0	10YR 2/1	No	fel	wf	mp	Forest Duff
Bhs	3	7.5YR 5/6	No	fel	mass	mp	
Bw	24	10YR 5/4	3% 7.5YR 5/6 2% 10YR 6/1	st sl	mass	mp	discontinuous redox
Cd	30	10YR 5/2	No	st sl	mass	firm	

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 24" 4/11  
 Depth to Restrictive Horizon: 30"  
 Depth to Bedrock: max to 62"  
 Soil Series: Beckett Sandy

GSL  
 Plan Sheet 35  
 TEST PIT # MJ-33 by hand  
 Dense forest - mostly fir

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	10YR 2/1	No	ful	usp	usp	
Bhs	3	7.5YR 4/4	No	ful	mass	usp	
BS	8	7.5YR 5/6	No	ful	mass	usp	
Bw	18	10YR 5/3	30% 10YR 5/6 Z 0.0 10YR 4/1	ful	mass	usp	
Cd	29+	10YR 5/2	No	sl	mass	usp/ran	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water table: 18" perched  
 Depth to Restrictive Horizon: 29"  
 Depth to Bedrock: none to 42"  
 Soil Series: Stenny

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
AP	0	10YR 2/1	No	lo fill	mass	usp	
Ab1	12	10YR 2/1	No	sl fill	mass	usp	
Ap2	16	7.5YR 4/4	No	ful fill	mass	usp	
Ab2	24	10YR 2/1	No	ful	mass	usp	
Bhs	32	7.5YR 5/6	No	st ful	mass	usp	
Cd	45+	10YR 5/3	No? - high to deep to remold	st sl	mass	firm	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water table: none to 15"  
 Depth to Restrictive Horizon: 45"  
 Depth to Bedrock: none obs. to 64"  
 Soil Series: Udalfs Bedrock  
(299 out)



Plan Sht 35  
 Just off vac-of-road-fell  
 Gr. birch, F. maple, poplar, A. cherry  
 sapling forest

SOIL TEST PIT DESCRIPTION TEST PIT # MI-35

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	10YR 2/1	No	wfsl	wfp	mfz	
Bw	6	2.5Y 5/3	20% 10YR 5/6 10% 10YR 6/2	lofs	man	mfz	
Bc	18	2.5Y 5/3	No	ca	sp	m loose	rocks marked
Cg	24+	2.5Y 5/2	No	lcr	sp	m to w loose	

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 6" Standing: No  
 Depth to Restrictive Horizon: None  
 Depth to Bedrock: 22" (possible) Shale

Soil Series: Mossburn 22 Sp

SOIL TEST PIT DESCRIPTION TEST PIT # MT-36

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
AO	1	10YR 2/1	No	bsl	wfp	mfz	Duff
A	0	10YR 2/1	No	fal	man	mfz	
E	5	10YR 6/1	No	fsl	man	mfz	discriminuous
Bhs	6	7.5YR 4/4	No	fal	man	mfz	
BS	9	7.5YR 5/4	No	fal	man	mfz	
Bw	15	10YR 5/4	No	fal	man	mfz	
Bc/d	28+	10YR 5/3	No	brnd of fcl, sl	man	mfz	sp to 20cm

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: None Obs. Standing: No  
 Depth to Restrictive Horizon: 28"  
 Depth to Bedrock: None within 60"

Soil Series: Beekmantown

Place Sht 6  
 TEST PIT # 65L-MJ-37 (next to (of. Basin 28-grade stake) old logging / on dug?)

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	10YR 2/1	No	fel	wf	mp	
E	2	7.5YR 6/1	No	fel	wf	wpr	
Bhs	4	7.5YR 4/4	No	ful	mant	mp	
BS	7	7.5YR 5/6	No	pal	man	mp	discontinuous redox.
Bw	16	10YR 5/4	2% 10YR 5/4 1% 10YR 5/3	lyt	man	mp	
BCD	30	10YR 5/3	No	ful, lo	man	mp to firm	resisting distinction layers
C	54"+	10YR 5/3	No	cl	sp	no loose	

Standing: No

Depth to Observed Groundwater (inches): Weeping: 16"  
 Depth to Seasonal High Water Table: 30"  
 Depth to Restrictive Horizon: 30"  
 Depth to Bedrock: none to 65"  
 Soil Series: Stoney

Wetland  
Dug for, lurch, broken fern

TEST PIT # MJ-38

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Di	+1	10YR 2/1	No				buff
A	0	10YR 2/1	No	ful	wf	mp	
E	5	10YR 5/1	No	ful	mant	wpr	
Bhs	8	7.5YR 4/4	No	pal	mant	mp	
BS	16	7.5YR 5/6	No	sl	mant	influent	
gd	30+	10YR 5/2	10YR 5/6 10%	sl	mant	mp	roots stop here

Standing: No

Depth to Observed Groundwater (inches): Weeping: 30"  
 Depth to Seasonal High Water Table: 30"  
 Depth to Restrictive Horizon: none to 64"  
 Depth to Bedrock: Stoney

MJ-36 to MJ 39± sandy per not as firm  
much easier digging



SOIL TEST PIT DESCRIPTION TEST PIT # 65L M5-39 Gr bench, Braker farm, Larch, red pine

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
<del>A</del>	0	10YR2/1	No	ful	wfs	ufr	
<del>E</del>	3	10YR6/1	No	ful	wfs	ufr	discontinuous
<del>Bhs</del>	5	7.5YR4/4	No	ful	mac	ufr	
<del>Bs</del>	8	7.5YR5/6	No	ful	mac	ufr	
<del>B52</del>	14	7.5YR6/4	3% 7.5YR 4/6 1% 7.5YR 6/2	ful	mac	ufr	
<del>Bc</del>	20	10YR5/3	No	sl	mac	ufr	
<del>Cd</del>	26+	10YR5/2	No	sl	mac	inferri	

Standing: No

Depth to Observed Groundwater (inches): Weeping: 14"  
 Depth to Seasonal High Water Table: 26"  
 Depth to Restrictive Horizon: 40 to 63"  
 Depth to Bedrock: contact  
 Soil Series: Colwell

SOIL TEST PIT DESCRIPTION TEST PIT # M5-40

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
<del>Oi</del>	+1	10YR2/1	No				dry
<del>A</del>	0	10YR2/1	No	ful	wfs	ufr	
<del>E Bhs</del>	4	10YR6/1	No	ful	mac	ufr	
<del>Bhs</del>	7	7.5YR4/4	No	ful	mac	ufr	
<del>Bw</del>	12	10YR6/4	2% 10YR5/6 2% 10YR6/2	sl	mac	ufr	
<del>Cd</del>	24+	10YR5/2	No	sl	mac	inferri	

Standing: No

Depth to Observed Groundwater (inches): Weeping: 12"  
 Depth to Seasonal High Water Table: 24"  
 Depth to Restrictive Horizon: 54" probable  
 Depth to Bedrock: hard pan digr-like bed rock  
 Soil Series: Colwell

58-MJ-41

TEST PIT #

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A0/1	1	10YR2/1	No				duff
B0A	0	10YR2/1	No	fel	wf	wf	
E	5	10YR6/1	No	fel	wf	wf	
B5	7	7.5YR5/6	No	fsl	mass	wf	
Bw	12	10YR6/4	2% 7.5YR5/6 1% 10YR6/2	fol	mass	wf	rock starts @ 21"
Cd	29+	10YR5/2	No	sl	mass	mf	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No

Depth to Seasonal High Water Table: 21"

Depth to Restrictive Horizon: 29"

Depth to Bedrock: none to 62"

Soil Series: SKDNY

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-TP42

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O1	1	10YR2/1					
A	0	10YR2/1	No	fel	wf	wf	
Bw1	4	7.5YR5/6	No	sl	mass	wf	
Bw2	22	10YR6/4	2% 7.5YR5/6 2% 10YR6/2	sl	mass	wf	rock starts @ 26"
Cd	30+	10YR5/2	No	sl	w platy	wf	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No

Depth to Seasonal High Water Table: 26"

Depth to Restrictive Horizon: 30"

Depth to Bedrock: 54" (Dunstable)

Soil Series: SKDNY



SOIL TEST PIT DESCRIPTION TEST PIT # MJ-43

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>i</sub>	+1	10YR 2/1	No				
A	0	10YR 2/1	No	fs	wfp	mps	
E	5	10YR 6/1	No	fs	mass	mps	
gks	10	7.5YR 4/4	No	fs	mass	mps	
Bw	18	10YR 6/4	2% 10YR 5/6 2% 10YR 6/2	sl	mass	mps	rock just above pit @ 24"
Cd	28+	10YR 5/2	No	sl	weak mass platy	m firm	

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 24"  
 Depth to Restrictive Horizon: 28"  
 Depth to Bedrock: 100' to 103"  
 Soil Series: SKODNY

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-44

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
O <sub>i</sub>	0+1	10YR 2/1	No				
A	0	10YR 2/1	No	fs	wfp	mps	
E	2	7.5YR 6/1	No	fs	wfp	mps	
gks	4	7.5YR 4/4	No	fs	mass	mps	
BS	7	7.5YR 5/6	No	fs	mass	mps	
Bw	10	10YR 6/4	2% 10YR 5/6 2% 10YR 6/2	sl	mass	mps	rock starting @ 24"
Cd	28+	10YR 5/2	No	sl	mass - w. platy	m firm	

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 24"  
 Depth to Restrictive Horizon: 28"  
 Depth to Bedrock: 100' to 105"  
 Soil Series: SKODNY

SOIL TEST PIT DESCRIPTION TEST PIT # MT-45 (Annual) near wet bog T-601-22 PFO

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	2.5Y 2.5/1	No	fsl	wf8	wf8	
Bg1	4	2.5Y 4/2	No	sl	mass	sw wf	
Bg2	12	2.5Y 6/2	1090 2.5Y 5/6	sl	mass		
Cu	25+	10YR 5/2	No	sl	mass	sw fine	

Standing: 4"

Depth to Observed Groundwater (inches): Weeping: 0"

Depth to Seasonal High Water Table: 0"

Depth to Restrictive Horizon: 25"

Depth to Bedrock: none to 39"

Soil Series: Fillsbury

TEST PIT # MT-46 by hand Common fern, Madrognat, <sup>down</sup> Tor. Fly wood, bunchberry PEM

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Da	0'	2.5Y 2.5/1	No				
Ckg	13"+	2.5Y 6/2	1090 2.5Y 5/6	sl	mass	wf8	

Standing: 6"

Depth to Observed Groundwater (inches): Weeping: 0"

Depth to Seasonal High Water Table: 0"

Depth to Restrictive Horizon: none to 24"

Depth to Bedrock: none to 24"

Soil Series: Fillsbury pieham



~~Area Survey~~  
 851-  
 MT-47 (manual)  
 Erlich, J., Wildman, wholed esky  
 PSs - sapling  
 on pine

SOIL TEST PIT DESCRIPTION

TEST PIT #

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
0i	+1	2.5Y 2.5/1	No	fd	sf	wft	
A	0	2.5Y 2.5/1	No	ful	wsp	wft	
E	5	2.5Y 6/1	No	ful	mass	wft	
Bhs	8	7.5R 3/3	No	ful	mass	wft	
Bg	14+	7.5R 6/2	1090 2.5Y 5/6 390 7.5Y 6/1	stal	mass	wft	

Depth to Observed Groundwater (inches): Weeping: 0  
 Depth to Seasonal High Water table: none within 24"  
 Depth to Restrictive Horizon: none within 24" - stony  
 Depth to Bedrock: colored - should be PD - in stream channel - not at dist to MT-48 as shown on plan  
 Soil Series: PD

Standing: No

PD vally

SOIL TEST PIT DESCRIPTION

TEST PIT #

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
0e	0+	2.5Y 2.5/1	No				

Depth to Observed Groundwater (inches): Weeping: 0"  
 Depth to Seasonal High Water table: none to 14"  
 Depth to Restrictive Horizon: none to 14"  
 Depth to Bedrock: none to 14"  
 Soil Series: MACHON SLOPE

Standing: No (but nearby)

PD (but nearby)

MT-48 (manual)  
 VPD massive mass; various boxes, see p/e weed speckled alder down.

SOIL TEST PIT DESCRIPTION TEST PIT # OSL MJ-49 (manual) PFD Duce evap pan

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	2.5Y 2.5/1	No	fol	wf	wf	
E	5	2.5Y 6/1	No	fol	man	wf	
g <sub>hs</sub>	6	7.5YR 4/4	1% 7.5YR 6/1	fol	man	wf	
g <sub>g</sub>	8+	2.5Y 3/1	2% 2.5Y 5/2	al	man	wf	

Depth to Observed Groundwater (inches): Weeping: 12" Standing: No Plan Sheet 35

Depth to Seasonal High Water Table: None w/in 42"  
 Depth to Restrictive Horizon: None w/in 42"  
 Depth to Bedrock: None w/in 42"  
 Soil Series: Pillsbury?

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-50 (manual)

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
<del>A<sub>p</sub></del>	0	10YR 2.3/2	No	st fol (fil)	man	wf	
<del>A<sub>B</sub>1</del>	3	10YR 5/4	No	st fol (fil)	man	wf	
<del>B<sub>u</sub>2</del>	24	10YR 4/2	5% 10YR 6/3 5% 10YR 5/3	al (fil)	man	wf	
<del>B<sub>u</sub>3</del>	35+	10YR 5/4	3% 10YR 5/6	al (fil)	man	wf	

Depth to Observed Groundwater (inches): Weeping: 24" Standing: No Plan Sheet 35

Depth to Seasonal High Water Table: None w/in 42"  
 Depth to Restrictive Horizon: None to 42" (manual - stone?)  
 Depth to Bedrock: None to 42" (manual - stone?)  
 Soil Series: Urbans - 299



SOIL TEST PIT DESCRIPTION

TEST PIT #

GSK-MT-51 (ANGM VOL)

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
AAP	0	10YR 3/2	No	SL (fill)	man	mpf	
ABC	5+	10YR 4/6	No	SL (fill)	man	mpf	asphalt pieces

Standing: No Plan 51A 35

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 10YR OBS. to 22"  
 Depth to Restrictive Horizon: 10YR OBS. to 22"  
 Depth to Bedrock: 10YR OBS. to 22"  
 Soil Series: UNKOWN - 299

Standing: No  
 Refund - large rocks - @ 22"

SOIL TEST PIT DESCRIPTION

TEST PIT #

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES

Standing: \_\_\_\_\_

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_  
 Depth to Seasonal High Water Table: \_\_\_\_\_  
 Depth to Restrictive Horizon: \_\_\_\_\_  
 Depth to Bedrock: \_\_\_\_\_  
 Soil Series: \_\_\_\_\_



GSL TEST PIT # MT-52 06/06/22 Focused

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De	+1	Duff 4/1	—	—	—	—	
A	0"	10YR 2/1	No	fel	wfs	mft	
B <sub>g</sub>	12"	10YR 4/1	10% 10YR 4/1 20% 10YR 4/6	fel	multive	wf to firm	
R	24"						bedrock?

Standing: 24" (on BR)

Depth to Observed Groundwater (inches): Weeping: 12  
 Depth to Seasonal High Water Table: < 12"  
 Depth to Restrictive Horizon: 24" - 32"  
 Depth to Bedrock: 24" - 32"  
 Soil Series: Pillsbury

GSL TEST PIT # MT-53 logged

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De Duff	+1	Duff					
A	0"	10YR 2/2	No	fel	wfs	mfr	
E	3"	7.5YR 6/1	No	fel	wfs	mfr	
B <sub>hs</sub>	5"	7.5YR 4/4	No	fel	manz	mfr	
C	18"	1.5YK 5/3	No	sl	manz	mfr	3% cobble

Standing: None

Depth to Observed Groundwater (inches): Weeping: None  
 Depth to Seasonal High Water Table: None to 54"  
 Depth to Restrictive Horizon: None to 54"  
 Depth to Bedrock: None to 54"  
 Soil Series: Monadnock



SOIL TEST PIT DESCRIPTION

TEST PIT # MI-54

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De	+1	2ufg					
A	0	10YR 2/1	No	fsl	wf	mpf	
Bg	8	10YR 4/1	20% 10YR 5/4	fsl	mac	mpf	
Bc	10	10YR 5/6	10% 7.5YR 4/6	stsl	mac	w mod fr	

Standing: no

Depth to Observed Groundwater (inches): Weeping: 30"

Depth to Seasonal High Water Table: 26"

Depth to Restrictive Horizon: 10YR 4/1 to 4/2

Depth to Bedrock: 10YR 4/1 to 4/2

Soil Series: Pitts-bully

SOIL TEST PIT DESCRIPTION

TEST PIT # MI-55

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De	+1	Duff					
A	0"	10YR 2/2	No	fsl	cof	mpf	
E	6"	10YR 5/1	No	fsl	mac	mpf	
Bhs	8"	7.5YR 4/4	No	stsl	mac	mpf	
C	30"	7.5YR 5/3	20% 7.5YR 2/5 10% 7.5YR 4/1	stsl	mac	w mod fr	

Standing: no

Depth to Observed Groundwater (inches): Weeping: 30"

Depth to Seasonal High Water Table: 30"

Depth to Restrictive Horizon: 10YR 4/1 to 4/2

Depth to Bedrock: Becket

Soil Series: Becket



65L  
06/06/22

MJ-56

TEST PIT #

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De	+0	10YR 2/2	No	Fsc	wsp	mfr	discriminates wavy boundary
E	4	10YR 6/1	No	Fsl	man	mfr	
Bh	6	7.5YR 4/4	No	St Fcl	man	mfr	
	24"	10YR 5/8	No	St sl	man	mfr	
	36"	10YR 5/3	290 10YR 5/8	St fl	man	m firm	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No

Depth to Seasonal High Water Table: > 50"

Depth to Restrictive Horizon: 36"

Depth to Bedrock: none to 42"

Soil Series: Beckel

65L  
MJ-57

TEST PIT #

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De	11	7.5YR 2/2	No	Fsc	wsp	mfr	
A	0	10YR 2/2	No	Fsl	wsp	mfr	
E	3	10YR 6/1	No	Fal	wabl	mfr	
Bhs	5	7.5YR 4/4	No	Fal	wtsbk	mfr	
Bs	14	10YR 5/8	No	grbc	sp	mfr	
cd	42"	10YR 5/3	100 10YR 5/6	st Fcl	unb and shk	m firm	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No

Depth to Seasonal High Water Table: 42"

Depth to Restrictive Horizon: 42"

Depth to Bedrock: none to 04"

Soil Series: Beckel



SOIL TEST PIT DESCRIPTION

TEST PIT #

MS-58

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De	+1	Duff					
A	0	10YR 2/2	No	ful	wf	mpz	
B	2	10YR 6/2	No	ful	wf sblh	mpz	
Bh	4	7.5YR 4/4	No	ful	wf sblh	mpz	rocks continued to upper part of 10C
Cd	32	10YR 4/2	5Y0-7.5YR 5/6	st sl	mass	in firm	

Standing: No No

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_

Depth to Seasonal High Water table: 32"

Depth to Restrictive Horizon: 32"

Depth to Bedrock: 100 to 57"

Soil Series: Beckert

852 MS-59 06/21/22

SOIL TEST PIT DESCRIPTION

TEST PIT #

MS-59

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De	+1						Duff
A	10"	7.5YR 2.5/2	No	ful	wf	mpz	
<del>B/E</del>	4"	7.5YR 5/1	No	ful	wf sblh	mpz	wavy - variable thickness
Bhs	6"	7.5YR 3/4	No	ful	wf sblh	mpz	
Bs	12"	7.5YR 4/4	No	ful	wf sblh	mpz	
Cd	26"	10YR 4/2	20Y0 10YR 6/6 20Y0 7.5YR 5/6	sf ful	mass	mp firm	PD area nearby

Standing: No No

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_

Depth to Seasonal High Water table: 20"

Depth to Restrictive Horizon: 26"

Depth to Bedrock: 100 to 66"

Soil Series: SKENNY



SOIL TEST PIT DESCRIPTION TEST PIT # MJ-60 Plan Sheet 13 06/21/22

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	+1						
A	0"	10YR 2/1	No	ful	wfg	mpr	
E	2"	10YR 6/1	No	ful	wfsbh	mpr	
Bhs	4"	7.5YR 5/4	No	stpr	wfsbh	mpr	
Bs	16"	10YR 4/4	No	stpr	wfsbh	mpr	
Cd	32"	10YR 5/2	100% 10YR 6/1 20% 7.5YR 5/6	cl	w med sbr w platy	m to v firm	packets of gr-cl

Depth to Observed Groundwater (inches): Weeping: 30" Standing: No

Depth to Seasonal High Water Table: 32"  
 Depth to Restrictive Horizon: None to 67"  
 Depth to Bedrock: Skerry  
 Soil Series: Skerry

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-61

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	+1	10YR 2/1	No	ful	wfg	mpr	
A	0"	10YR 2/1	No	ful	wfg	mpr	
E	3"	10YR 6/1	No	ful	wfg	mpr	
Bhs	6"	7.5YR 4/4	No	ful	wfsbh	mpr	
Bs	17"	7.5YR 5/6	No	ful	wfsbh	mpr	
Cd	36"	10YR 5/2	No	cl	man	m pr	

Depth to Observed Groundwater (inches): Weeping: None to 62" Standing: No

Depth to Seasonal High Water Table: 36"  
 Depth to Restrictive Horizon: None to 62"  
 Depth to Bedrock: Beckett  
 Soil Series: Beckett



SOIL TEST PIT DESCRIPTION TEST PIT # MJ-62 Plan Sht 13

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
oe	+1	-	-	-	-	-	-
A	0	7.5YR 2.5/1	No	ful	wfg	mpz	-
E	3"	10YR 6/1	No	ful	wfg	mpz	discontinuous
Bhs	4"	7.5YR 5/6	No	ful	wf3bh	mpz	
BC	24"	10YR 5/4	No	st lo	mucl	in loose	gravelly
C	45	10YR 5/2	No	st sl	mucl	mpz in hand	weakly restrictive

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: none to 61"  
 Depth to Restrictive Horizon: 45"  
 Depth to Bedrock: 61" guss. prob. boulders  
 Soil Series: Beckoff

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-63 Plan Sht 20

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
oe	+1	-	-	-	-	-	-
A	0	10YR 2/1	No	ful	wfg	mpz	-
E	3	10YR 6/1	No	ful	wfg	mpz	rocks somewhat rounded
Bhs	7	7.5YR 5/6	No	ful	wf3bh	mpz	gravelly
BC	18	10YR 5/4	No	st lo	mucl	in loose	weakly restrictive
C	40	10YR 5/2	No	st sl	mucl	mpz in hand	

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: hand to 66"  
 Depth to Restrictive Horizon: 40"  
 Depth to Bedrock: very to 66"  
 Soil Series: Beckoff



SOIL TEST PIT DESCRIPTION 65L-TEST PIT # MT-64 Plan Sht 20 06/21/22

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	+1	—	—	—	—	—	—
A	0"	10YR 2/1	No	ful	wfp	mpz	— wavy boundary
E	4	10YR 6/1	No	ful	wfp	mpz	wavy boundary
Bhs	8	7.5YR 5/6	No	stful	wf-sbh	mpz	—
Cd	22	10YR 5/2	No	st sl	w med-sbh	m firm	—

Standing: No

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_  
 Depth to Seasonal High Water Table: none to 72"  
 Depth to Restrictive Horizon: 22"  
 Depth to Bedrock: none to 72"  
 Soil Series: Becket

SOIL TEST PIT DESCRIPTION 65L TEST PIT # MT-65 Plan Sht 13 new M102

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	+1	—	—	—	—	—	—
A	0	10YR 2/1	No	ful	wfp	mpz	wavy boundary
E	4	10YR 6/1	No	ful	wfp/ment	mpz	wavy boundary
B	19	10YR 5/4	20% 7.5YR 5/6 20% 7.5YR 5/2	stful	wf-sbh	mpz	lensar br
Cd	43	10YR 5/2	50% 10YR 5/6	st sl	w med platy	m firm	lensar br

Standing: No

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_  
 Depth to Seasonal High Water Table: 19  
 Depth to Restrictive Horizon: 43  
 Depth to Bedrock: none to 62"  
 Soil Series: SOMY



GSL TEST PIT # MJ-66 Plan Shot 13

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Oe	+1	—					
A	0	10YR2/1	No	ful	wfy	mfr	wavy boundary
E	4	10YR6/1	No	ful	wf/mult	mfr	wavy boundary
Bhs	8	7.5YR5/6	No	ful	mult	mfr	
Bhs2	24	7.5YR5/6	5% 10YR6/6 6% 7.5YR4/4	sl	mult	mfr	
Cd	36	10YR5/2	2% 7.5YR5/6	sl	mod and platy	m fr	peeling to

Standing: No

Depth to Observed Groundwater (inches): Weeping: No

Depth to Seasonal High Water Table: 24

Depth to Restrictive Horizon: 24

Depth to Bedrock: none to 67"

Soil Series: Shenly

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
AP	0	10YR3/3	No	ful	mass	mfr	"pop soil Stockpile"
Ab	54	10YR4/1	10YR5/4 10% 10% 10%	ful	mass	mfr firm	usage of 10YR6/1 Acid

Standing: No

Depth to Observed Groundwater (inches): Weeping: No

Depth to Seasonal High Water Table: none to 72"

Depth to Restrictive Horizon: 54

Depth to Bedrock: none to 72"

Soil Series: 299 Ashland



04/22/22

Plan Sht 13

MJ-68

GSL TEST PIT #

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Ap	0"	10YR 3/3	No	fd	massive	wfr	top soil stockpile

Standing: No

Depth to Observed Groundwater (inches): Weeping: No

Depth to Seasonal High Water Table: none to 78"

Depth to Restrictive Horizon: none to 78"

Depth to Bedrock: none to 78"

Soil Series: Udonchinks

04/22/22

Plan Sht 2

MJ-69

GSL TEST PIT #

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Ap	0	10YR 2/2	No	fd	massive	wfr	fill (partial)
<del>CAS</del>	32	10YR 5/3	No	gCA	AS	in loose	fill?

Standing: No

Depth to Observed Groundwater (inches): Weeping: No

Depth to Seasonal High Water Table: none to 78"

Depth to Restrictive Horizon: none to 78"

Depth to Bedrock: none to 78"

Soil Series: Udonchinks



SOIL TEST PIT DESCRIPTION TEST PIT # MJ-70 edge of apparent altered area

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
A	0	10YR2/2	No	sil	wpf	wpf	
Bw	3	10YR5/4	No	vst x bck	sp	m base	
BC	21	10YR5/3	No	grcn	sp	m base	
C	90	10YR5/2	No	A	sp	w base	

Depth to Observed Groundwater (inches): Weeping: No Standing: No  
 Depth To Seasonal High Water table: 90  
 Depth To Restrictive Horizon: none  
 Depth To Bedrock: none  
 Soil Series: Mimadonck

SOIL TEST PIT DESCRIPTION TEST PIT # MJ-71 edge of apparent altered area - sapling growth

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
Ap	0	10YR3/3	No	sil	muw	wpf	numerous HTM boulders
Ab	18	10YR2/2	No	sil	wpf/muw	wpf	
E	22'	10YR6/1	No	sil	muw	wpf	
Bhs	30	7.5YR5/6	No	sil	muw/bkly	m firm	poss. cementation
C	35	7.5YR4/4	No	grcn	sp	m base	10% cobble

Depth to Observed Groundwater (inches): Weeping: No Standing: No  
 Depth To Seasonal High Water table: none to 12  
 Depth To Restrictive Horizon: 35  
 Depth To Bedrock: none to 12  
 Soil Series: Mimadonck



GSL TEST PIT # MI-72 Plan # 13 06/22/22

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES
De	+1	—					
A	0	10YR 2/1	No	psl	wfs	mps	wavy discontinuous boundary
E	4	10YR 6/1	No	psl	wfs	mps	wavy boundary
Bhs	7	7.5YR 4/6	No	psl	wf bldh	mps	* feature too coarse
BC	15	10YR 4/4	No*	grcn	sf	in loose	
<del>C</del>	39	10YR 5B	No*	cobbly cr	sf		

Standing: No

Depth to Observed Groundwater (inches): Weeping: No  
 Depth to Seasonal High Water Table: 30" sat.  
 Depth to Restrictive Horizon: none w/ m lo  
 Depth to Bedrock: none to 6"  
 Soil Series: Whitcomb

SOIL TEST PIT DESCRIPTION

SOIL HORIZON	DEPTH (inches)	MATRIX COLOR (moist)	REDOXIMORPHIC FEATURES	SOIL TEXTURE (USDA)	STRUCTURE	CONSISTENCE	OTHER FEATURES

Standing: \_\_\_\_\_

Depth to Observed Groundwater (inches): Weeping: \_\_\_\_\_  
 Depth to Seasonal High Water Table: \_\_\_\_\_  
 Depth to Restrictive Horizon: \_\_\_\_\_  
 Depth to Bedrock: \_\_\_\_\_  
 Soil Series: \_\_\_\_\_