Site location: Pit # 1 East Parking Area

Soil Series: Wellsboro

Described By: R. Kruzansky

Classification: Coarse-loamy, mixed, active, mesic Typic Fragiudepts

Date: 8/19/08 Time: 10:30 AM

Weather:

Parent Material: Till

Landform:

Slope: 3-8%

Aspect:

Landuse: Woodland Dense, Young

Vegetation: Red Maple, Cherry white Pine

Hydrology:

Soil Profile Description

Horizon	depth (in")	Color (moist)	Redox Abun.	Redox Size	Redox Contrast	Rock Frag. %	Rock Frag. size	Texture	Structure grade	Structure size	Structure type	Consist. (moist)	Roots abun.	Roots size	pH	Boundary Dis.	Boundary Topo
O	0-1.5	5YR 3/1				5	G	L					M	F	4.4		
Ap	1.5-5	7.5YR 3/2				5	G	L	WK	Gr			M F	F C	4.8		
Bw1	5-12	7.5YR 4/4				10	CB	L/SiL	WK	SAB			M M	F C	5.0		
Bw2	12-18	7.5YR 3/4	Gravelly F	F	7.5YR 5/6	10	CB	L	WK	SAB			F	M	5.0		
Bx1	18-31	5YR 4/2	Gravelly			35	ST	L	WK	Pr		Brittle Firm	NONE		5.0		
Bx2	31-55	5YR 3/3	Gravelly Flagstones			45	ST/B	L	WK	Pr			NONE		5.0		
C	55-72	5YR 4/3	Flagstones			45	ST/B	L	(↑clay)				NONE		5.0		

Stoniness:

Depth to Bedrock:

Hydric Soil:

Depth Redox:

Depth to Water:

Drainage Class:

Remarks: No Water Table encountered

Proposed area for parking Lot

Site location: North Parking Lots & Pond Area (Q)

Soil Series: Wellsboro

Described By: Richard Kruzansky

Classification: Coarse-loamy, mixed, active, mesic, Typic Fragiudepts

Date: 9/23/08 Time: 10:30 Weather:

Parent Material: Till

Landform: Slope: Aspect:

Landuse: Woodland Vegetation: Red Maple, Black Cherry, Red Oak, Beech Hydrology:

Soil Profile Description

Horizon	depth (in")	Color (moist)	Redox Abun. Size Contrast	Rock Frag. % size	Texture	Structure grade size type	Consist. (moist)	Roots abun. size	pH	Boundary Dis. Topo
O	0-1	5YR 2.5/1		5 CB	L	wk Gr	loose	M F M M M C	5.0	
Ap	1-6	7.5YR 4/3		5 CB	L	wk Gr	Friable	M F M M M C	5.0	
BW1	6-18	7.5YR 4/6	Gravelly	15 CB	SiL	wk SAB	Friable	F M	5.0	
Bx	18-42	10YR 5/2	Gravelly	20 CB	L/SL	wk Pr	Firm	F F	5.0	
C	42-74	10YR 4/2	Gravelly	25 CB	SL	Massive	Firm	None	5.0	

Stoniness: Depth to Bedrock: Hydric Soil:

Depth Redox: Depth to Water: Drainage Class:

Remarks: Surface disturbance, upper 1/2 ft.

No evidence of a water table

Site location: Pit #2 East Parking Area

Soil Series: Wellsboro

Described By: R. Kruzansky

Classification: Coarse-loamy, mixed, active, Mesic, Typic Fragiudepts

Date: 8/19/08

Time: 1 PM

Weather:

Parent Material: Till

Landform:

Slope: 3-8%

Aspect:

Landuse: Wooded, Young Trees

Vegetation: Red Maple, Red Oak

Hydrology:

Soil Profile Description

Horizon	depth (in")	Color (moist)	Redox Abun.	Redox Size	Redox Contrast	Rock Frag. %	Rock Frag. size	Texture	Structure grade	Structure size	Structure type	Consist. (moist)	Roots abun.	Roots size	pH	Boundary Dis.	Boundary Top
O	0-1½	5YR 2.5/1				5	G	L					M	F	4.8		
A	1½-4	7.5YR 3/2				5	G	L	WK	Gr			M M	M F	4.8		
BW1	4-9	7.5YR 3/3				10	CB	L	WK	SAB			M M	M F	5.0		
BW2	9-25	10YR 4/4	FF		7.5YR 5/8	15	CB	SiL	WK	SAB			F	F	5.0		
BX1	25-35	7.5YR 4/4	Gravelly			35	ST	SiL	WK	Pr			F	F	5.0		
BX2	35-66	10YR 4/3	Gravelly			35	ST	L	WK	Pr			NONE		5.0		
C	66-72	7.5YR 4/2	Gravelly			35	ST	L					NONE		5.0		

Stoniness:

Depth to Bedrock:

Hydric Soil:

Depth Redox:

Depth to Water:

Drainage Class:

Remarks: No Water Table encountered

Proposed area for Parking Lot

Site location: Upper Discovery Parking Lot, #1

Soil Series: Wellsboro

Described By: R. Kruzansky

Classification: Coarse-loamy, mixed, active, mesic, Typic Fragiudepts

Date: 9/11/08

Time: 11 AM

Weather:

Parent Material: Till

Landform:

Slope: 3-8%

Aspect:

Landuse: Young Woodland

Vegetation: Red Maple, Hornbeam

Hydrology:

Soil Profile Description

Horizon	depth (in")	Color (moist)	Redox Abun.	Redox Size	Redox Contrast	Rock Frag. %	Rock Frag. size	Texture	Structure grade	Structure size	Structure type	Consist. (moist)	Roots abun.	Roots size	pH	Boundary Dis.	Boundary Top
Oe	0-2	5YR2.5/1				5	CB	L	WK	Gr		Friable	M F	F M	4.6		
BW1	2-8	7.5YR 4/4				15	CB	SiL	WK	SAB		Friable	F F	M C	4.8		
BW2	8-17	7.5YR 4/2				15	CB	L	M	SAB		Friable	F F	M C	5.0		
BW3	17-30	10YR 4/3	Iron Conc. 2.5YR 3/4			15	CB	SL	M	SAB		Friable	F	M	5.2		
Bx	30-47	10YR 4/2	Gravelly			15	CB	SL	WK	Prism		Brittle	None		5.0		
Cd	47-78	10YR 4/2	Gravelly			10	CB	L	WK	Prism		Firm	None		5.0		

Stoniness:

Depth to Bedrock:

Hydric Soil:

Depth Redox:

Depth to Water:

Drainage Class:

Remarks: No Evidence of a Water Table