TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: A-1

Client: Town of Graniteville	Date: 11-15-01
Described By: ABD Recorded By: ABD	Location: Site A
Vegetation: Grass	Topographic Setting: Terrace
Slope: Flat	Land Use: Privately Owned Open Land
Aspect: Northeast	Comments:

				Structure					Boundary		
Depth (ft. bgs)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-1.2	2.5Y 5/2		Fine sand				m	l			Disturbed material with Gravel
1.2-2.4	2.5Y 5/3		Sandy loam				m	fr			Cross beds of Sand
2.4-4.3	2.5Y 4/2		Sand				m	l			Lenses of CoS with some Gravel and Cobbles
4.3-4.7	2.5Y 5/3		Sand				m	l			Uniform
4.7-5.3	2.5Y 5/3		Coarse sand				m	l			
5.3-6.3	2.5Y 5/3		Sand				m	l			Well sorted

Notes: Perc test conducted at 2.0 ft.; rate = 16 min/in.
Hydraulic conductivity test conducted at 2.2 ft.; K = 4.8 ft/day

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Key:
Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table
BGS = below ground surface

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: A-2

Client: Town of Graniteville	Date: 11-15-01
Described By: ABD Recorded By: ABD	Location: Site A
Vegetation: Grass	Topographic Setting: Terrace
Slope: Flat	Land Use: Privately Owned Open Land
Aspect: Northwest	Comments:

				Structure					Boundary		
Depth (ft. bgs)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-1.8	2.5Y 4/2		Fill				m	l			Disturbed material
1.8-4.7	2.5Y 5/3		Coarse sand				m	l			Lens of finer Sand; 1" thick band of Iron staining at 57"
4.7-4.8	2.5Y 4/2		Sandy loam				m	l			
4.8-6.3	2.5Y 5/3		Sand				m	l			
6.3-17.5			Silt loam				m	l			Deepened without entering; wet; water 204" and below

Notes: Perc test conducted at 2.3 ft; rate = 4.5 min/in.
Hydraulic conductivity test conducted at 2.0 ft.; K = 30 ft/day

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table
BGS = below ground surface

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT: #A-3

Client: Town of Graniteville	Date: 11-15-01
Described By: ABD Recorded By: ABD	Location: Site A
Vegetation: Grass	Topographic Setting: Terrace
Slope: Flat	Land Use: Privately Owned Open Land
Aspect: East	Comments:

				Structure					Boundary		
Depth (ft. bgs)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0.0-3.8	10YR 3/3		Gravelly sand				d	fr	a	w	Fill with cobbles
3.8-4.3	2.5Y 4/2		Sand				m	L	a	w	
4.3-4.8	2.5Y 5/2		Fine sandy loam				m	fr	a	w	Very thin layers of FS
4.8-6.4	2.5Y 6/2	5YR 5/8 f1f	Gravelly coarse sand				d	L	a	w	Fe stained mottles; some cobbles
6.0-6.4	2.5Y 5/2		Fine sand				m	L	g	w	Fe stained .10 ft banding
6.4-8.5	5Y 5/2		Fine sandy loam				m	fr	a	w	
8.5-10.4	2.5Y 4/3		Gravelly coarse sand				d	L			Fe stained mottles along top with silt
10.4-14.0			Very fine sandy loam				w	fr			
14.0-16.7			Gravelly coarse sand				d	L			

Notes: Deepened from 10.4 ft to 16.7 ft; Did not enter; No water

Perc test conducted at 2.2 ft.; perc rate = 10 min/in.; Hydraulic conductivity test conducted at 2.2 ft.; K = 11 ft/day

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table
BGS = below ground surface

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT: #A-4

Client: Town of Graniteville	Date: 11-15-01
Described By: ABD Recorded By: ABD	Location: Site A
Vegetation: Grass	Topographic Setting: Terrace
Slope: Flat	Land Use: Privately Owned Open Land
Aspect: Northeast	Comments:

				Structure					Boundary		
Depth (ft. bgs)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0.0-5.0	2.5YR 3/2		Gravelly sandy loam				d	fr	a	w	Fill with organic topsoil
5.0-6.3	2.5Y 4/3		Gravelly sand				d	l	a	w	Fe and Mn staining
6.3-7.2	2.5Y 5/2		Sand				d	l	a	w	
7.2-8.8	2.5Y 4/1		Loamy very fine sand				m	fi to fr	a	w	
8.8-9.7	2.5Y 5/2		Sand				d	l	a	w	
9.7-12.0	2.5Y 4/2		Gravelly coarse sand				d	l			

Notes: Deepened from 7.2 ft. to 17.5 ft. Discontinuous silt lens @13 ft. Did not enter.
Perc test conducted at 2.2 ft; perc rate = 13 min/in
Hydraulic conductivity test conducted at 2.0 ft.; K = 7.3 ft/day

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table
BGS = below ground surface

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: B-1

Client: Town of Graniteville	Date: 9-7-00
Described By: ABD Recorded By: ABD	Location: Town Gravel Pit
Vegetation: None	Topographic Setting: Terrace
Slope: 1%	Land Use: Gravel Pit
Aspect: North	Comments: Sunny

				Structure					Boundary		
Depth (ft)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-0.9	2.5Y 3/2		Gravelly fine sandy loam	w	sbk	m	m	vfr			
0.9-5.3	Mixed		Extremely gravelly and cobbly very coarse sand				m		a		
5.3-5.4	5Y 4/3		Loamy sand				m	vfr	a		Staining, 10YR 2/6
5.4-6.5	10Y 4/1		Very fine sandy loam				m	fr	a		
6.5-10.3	as above		Very fine sandy loam								Deepened without Entering

Notes: ESHGW at 5.3 ft Below Ground Surface; Seep at 9.5 ft; Standing Water at 10.0 ft.
Perc test conducted at 2.5 ft.; rate = 2.2 min/in.
Hydraulic conductivity test conducted at 2.5 ft.; K = 64 ft/day

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Key:
Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: B-2

Client: Town of Graniteville	Date: 9-7-00
Described By: ABD Recorded By: ABD	Location: Town Gravel Pit
Vegetation: None	Topographic Setting: Terrace
Slope: 2%	Land Use: Gravel Pit
Aspect: South	Comments: Sunny

				Structure					Boundary		
Depth (ft)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-2.6	2.5Y 3/2		Loamy sand	w	sbk	m	m	l			
2.6-6.0	Mixed		Very stony very coarse sand				m	l			
6.0-7.1	2.5Y 4/3		Coarse sand				m	l	a		
7.1-7.3	2.5Y 4/3		Sand				w	l	a		
7.3-8.1	5Y 5/3 5Y 4/2		Loamy sand				w	fr	a		Stratified
8.1-8.2	5Y 4/2		Silt loam					fi			
8.2-10.0			Silt loam								Deepened without Entering

Notes: ESHGW at 7.1 ft. Below Ground Surface
Perc test conducted at 2.8 ft.; rate = 1.9 min/in.
Hydraulic conductivity test conducted at 2.9 ft.; K = 55 ft/day

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: B-3

Client: Town of Graniteville	Date: 9-7-00
Described By: ABD Recorded By: ABD	Location: Town Gravel Pit
Vegetation: none	Topographic Setting: Terrace
Slope: 1%	Land Use: Gravel Pit
Aspect: Southeast	Comments: Sunny

				Structure					Boundary		
Depth (in)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-0.9	5YR 3/2	7.5YR 3/3 f1d	Fine sandy loam	w	sbk	f	m	fr			root mottles; possible fill
0.9-1.6	2.5YR 3/2	7.5YR 2.5/2 c1d	Fine sandy loam	w	sbk	m	m	fr			also 10YR 3/4 c1d mottles; possible fill
1.6-2.7	5Y 3/2		Loamy sand	w	sbk	m	m	fr			
2.7-3.9	2.5Y 3/3		Loamy sand				m	vfr			
3.9-6.3	Mixed		Extremely gravelly coarse sand				m	l			

Notes: Possible Fill 0-1.6 ft; ESHGW at 12 ft Below Ground Surface (Deepened without Entering)
Perc test conducted at 2.0 ft.; rate = 20 min/in.
Hydraulic conductivity test conducted at 2.2 ft.; K = 4.2 ft/day

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: B-4

Client: Town of Graniteville	Date: 9-7-00
Described By: ABD Recorded By: ABD	Location: Town Gravel Pit
Vegetation: None	Topographic Setting: Flat
Slope: 1%	Land Use: Gravel Pit
Aspect: West	Comments: Sunny

				Structure					Boundary		
Depth (in)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-1.5	10YR 4/4		Fine sandy loam	w	sbk	c	m	vfr			
1.5-2.0	10YR 3/3		Loamy fine sand	w	sbk	c	m	vfr			
2.0-4.0	2.5Y 4/4		Loamy fine sand	w	sbk	c	m	fr			
4.0-7.8	Mixed		Extremely gravelly very coarse sand				m	l			
7.8-9.0	Mixed		Extremely gravelly very coarse sand								

Notes: 9.0 ft. to Ledge; No Signs of Water; ESHGW at 9.0 ft. Below Ground Surface
Perc test conducted at 2.3 ft.; rate = 35 min/in.
Hydraulic conductivity test conducted at 2.3 ft.; K = 1.8 ft/day

Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: C-1

Client: Town of Graniteville	Date: 11/20/01
Described By: ABD Recorded By: ABD	Location: Recreational Field
Vegetation: grass	Topographic Setting: terrace
Slope: level	Land Use: recreational field
Aspect: West	Comments: Excavated by Chris of Queensberry Const., Inc.

				Structure					Boundary		
Depth (ft)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-0.6	10YR 3/3	-----	Gravelly fine sandy loam				m	fr			
0.6-1.5	10YR 4/4	-----	Gravelly very fine sandy loam				m	fr			
1.5-5.6	2.5Y 4/3	-----	Very gravelly coarse sand				m	l			Mixed color due to particle mineralogy
5.6-6.5	2.5Y 5/3	-----	Gravelly coarse sand				m	l			
6.5-10.2			Gravelly coarse sand				m	l			As above with 0.5 ft thick sand and CoS layers
10.2-11.4			Very fine sandy loam				m	fr			Stratified – friable
11.4-12.0			Gravelly coarse sand				m	l			Loose; BOH at 12.0 ft

Notes: occasional (<5%) cobble in pit
Perc test conducted at 2.5 ft.; rate = 5.2 min/in.
Hydraulic conductivity test conducted at 2.5 ft.; K = 15 ft/day

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) Ø = none, w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, vtn = very thin, tk = thick, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table
BGS = below ground surface

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: C-2

Client: Town of Graniteville	Date: 11/20/01
Described By: ABD Recorded By: ABD	Location: Recreational Field
Vegetation: grass	Topographic Setting: terrace
Slope: level	Land Use: recreational field
Aspect: East	Comments: mostly cloudy, ~40º F, snow flurries

				Structure					Boundary		
Depth (ft)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-0.4	10YR 3/2	-----	Gravelly fine sandy loam	w	sab	f	m	fr	a	s	
0.4-1.8	5YR 3/4	-----	Gravelly fine sandy loam	w	sab	tk	m	fr	c	w	Some areas of platy structure; these areas up to 1.8 ft. thick on north side of pit
1.8-3.2	2.5Y 4/4	-----	Gravelly fine sand	w	sab	m	m				
3.2-6.0	2.5Y 3/2	-----	Very gravelly coarse sand	Ø			m	l			many coarse 3x30 in. 5YR 4/3 Fe stains, weakly cemented; many colors due to mineralogy
6.0-6.8	2.5Y 4/3	-----	Gravelly coarse sand	Ø			m	l			
6.8-11.5			Gravelly coarse sand								As above; did not enter pit

Notes: boundary information applies to bottom of each horizon; accidentally cut through spring line (dry) at 36 in.
Perc test conducted at 2.3 ft.; rate = 10 min/in.
Hydraulic conductivity test conducted at 2.3 ft.; K = 9.8 ft/day

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) Ø = none, w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, vtn = very thin, tk = thick, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table
BGS = below ground surface

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: C-3

Client: Town of Graniteville	Date: 11/20/01
Described By: ABD Recorded By: ABD	Location: Recreational Field
Vegetation: grass	Topographic Setting: flat
Slope: level	Land Use: recreational field
Aspect: West	Comments:

				Structure					Boundary		
Depth (ft)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-0.9	7.5YR 3/3	-----	Gravelly fine sandy loam	w	sbk	m	m	fr			
0.9-1.9	7.5YR 4/3	-----	Fine sandy loam	w	sbk	m	m	fr			
1.9-4.0	10YR 4/3	-----	Gravelly fine sandy loam	Ø			m	l			
4.0-6.7	2.5Y 3/4	-----	Gravelly sand	Ø			m	l			Common bands Fe staining 7.5YR 4/6; few lenses of VFS
6.7-7.3	2.5Y 4/3	-----	Gravelly sand	Ø			m	l			
7.3-10.3			Gravelly sand								Deepened hole but did not enter
10.3-12.5			Very fine sandy loam	w	pl?						Silt +; deepened hole but did not enter

Notes: Accidentally found spring line with this pit as well.
Perc test conducted at 2.4 ft.; rate = 45 min/in.
Hydraulic conductivity test conducted at 2.4 ft.; K = 2.3 ft/day

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) Ø = none, w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, vtn = very thin, tk = thick, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table
BGS = below ground surface

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: C-4

Client: Town of Graniteville	Date: 11/20/01
Described By: ABD Recorded By: ABD	Location: Recreational Field
Vegetation: grass	Topographic Setting: flat
Slope: level	Land Use: recreational field
Aspect: East	Comments:

				Structure					Boundary		
Depth (ft)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-0.4	2.5Y 4/3	-----	Gravelly very fine sandy loam	w	pl	c	m	fr			
0.4-1.0	2.5Y 5/4	-----	Gravelly loamy sand	w	pl	c	m	fr			Distinct layers of Mn (10YR 2/2) and Fe (7.5YR 4/4) staining in1 in.band at base
1.0-2.3	7.5YR 4/6	-----	Gravelly fine sandy loam	w	sab	m	m	fr			
2.3-8.2	2.5Y 4/2	-----	Very gravelly coarse sand	Ø			m	l			7.5YR 3/3 Fe staining common in 1x4 in. to 6x25 in areas; few 2x15 in. lenses of FS
8.2-10.8			Gravelly coarse sand								Deepened pit; did not enter
10.8-11.8	5Y 4/1		Silt loam								¼ in. mottles 7.5YR 4/3 common
11.8-12.6			Gravelly coarse sand								

Notes: Perc test conducted at 2.8 ft.; rate = 4.9 min/in.
Hydraulic conductivity test conducted at 2.8 ft.; K = 26 ft/day

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) Ø = none, w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, vtn = very thin, tk = thick, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table
BGS = below ground surface

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: D-1

Client: Town of Graniteville	Date: 9-8-00
Described and Recorded By: ABD	Location: Site D
Vegetation: Trees/shrubs	Topographic Setting: Woods
Slope: Flat	Land Use: Privately Owned Land
Aspect: Northwest	Comments: Sunny

				Structure					Boundary		
Depth (in)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-0.6	2.5Y 4/3		Loamy fine sand	w				vfr			Olive Brown
0.6-2.3	2.5Y 4/4		Gravelly cobbly loamy fine sand	w	sbk			fr in Place	a		Si+; fr in Place, vfr in Hand
2.3-4.3	2.5Y 4/4		Gravelly loamy sand	v w	sbk			fr in Place	a		fr in Place, vfr in Hand
4.3-5.5	5Y 5/3		Gravelly loamy fine sand and fine sandy loam	w	sbk			fr in Place			2" Pocket Si
5.5-10.0	5Y 5/3		Gravelly loamy fine sand and fine sandy loam								Staining on Side of Deepened Pit at 60" to 70"
10.0-11.0											Reddish Brown Staining in Deepened Pit

Notes: Deepened from 66" to 156" without Entering; Standing Water at 156"; ESHGW at 120" Below Ground Surface
Perc test conducted at 2.5 ft.; rate = 25 min/in.

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: D-2

Client: Town of Graniteville	Date: 9-8-00
Described and Recorded By: ABD	Location: Site D
Vegetation: Trees/shrubs	Topographic Setting: Woods
Slope: 1%	Land Use: Privately Owned Land
Aspect: Southeast	Comments: Sunny

				Structure					Boundary		
Depth (in)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-1.0	10YR 3/3		Gravelly loamy sand				m	vfr			Fill
1.0-6.8	10YR 4/3 5Y 4/2		Fine sandy loam and loamy sand	w	sbk	c	m	fr-fi			Few SiL Pockets (<4"X24")
6.8-14.1			Fine sandy loam and loamy sand				m				Deepened without Entering; Similar to Above

Notes: ESHGW at >170" Below Ground Surface

Perc test conducted at 2.4 ft.; rate = 37 min/in.

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Key:

Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: E-1

Client: Town of	Date: 9/6/01
Described By: ABD Recorded By: ABD	Location: Site E
Vegetation: Grass	Topographic Setting: Floodplain
Slope: Flat	Land Use: Lawn
Aspect: Northwest	Comments: Sunny

				Structure					Boundary		
Depth (ft)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-2.1	2.5Y 3/2	-	Very fine sandy loam				m	VFr			
2.1-2.5	mixed	-	mixed				m	VFr			10yr 3/6 Very fine sandy loam , 2.5y 3/2 Loamy sand, 5y 4/3 Gravelly sand
2.5-3.2	2.5Y 4/4	-	Very fine sandy loam				m	VFr			
3.2-3.9	2.5Y 4/4	-	Coarse sand				m	Loose			
3.9-4.5	2.5Y 3/3	-	Extremely gravelly loamy sand				m				Discontinuous Lense
4.5-4.7	2.5Y 4/3	Yes	Fine sandy loam								10yr ¾ cmd Mottles
4.7-7.5	2.5Y 4/3	Yes	Coarse sand								Cobbly – Stoney – Rounded 10yr 3/2 Staining on Rock Fragments
7.5-8.0		Yes	Coarse sand								Dark Brown Stained Layer

Notes: 2.1-2.5 Layer appears to be floodplain related. 2.5y 2.5/1 staining cobbles & stones. Bottom of Hole @ 9.8 ft. below ground surface
Perc test conducted at 2.8 ft.; rate = 29 min/in.

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Key:
Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
Topography (T) s = smooth, i = irregular, w = wavy

Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
Mottles: Expressed as abundance/size/contrast
Abundance: f=few; m=many; c=common
Size: 1=fine; 2=medium; 3=coarse
Contrast: f=faint; d=district; p=prominent
ESHGW = estimated seasonal high groundwater table

TEST PIT LOCATION DESCRIPTION AND LOG FORM

TEST PIT #: E-2

Client: Town of	Date: 9/6/01
Described By: ABD Recorded By: ABD	Location: Site E
Vegetation: Grass	Topographic Setting: Floodplain
Slope: Flat	Land Use: Lawn
Aspect: South	Comments: Sunny

				Structure					Boundary		
Depth (ft)	**Color**	**Mottles**	**Texture**	**G**	**SH**	**S**	**Moisture**	**Consistence**	**D**	**T**	**Comments**
0-2.5	2.5Y 4/2	-									Fill Stony
2.5-3.1	2.5Y 5/4	y	Very fine sandy loam								7.5YR 4/8 c1d Mottles
3.1-6.6	2.5Y 5/2	y	Very fine sandy loam								Hit Concrete & Steel I-beam @ North-end 7.5YR 5/6 c1p Mottles
6.6-7.0	2.5Y 5/2	-	Sand								
7.0-10.6	mixed	-	Coarse sand								Gravelly, Stony & Cobbly with Black Stain

Notes: Bottom of hole = 11.7'; Mike Smith said old sawmill on site
Perc test conducted at 2.8 ft.; rate = 47 min/in.

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Key: Texture: V = Very, F = Fine, Co = Coarse, S = Sand, C = Clay, L = Loam, Si = Silt, Gr = Gravelly, Cb = Cobbly, ST = Stony
Structure: Grade (G) w = weak, m = moderate
Shape (SH) gr = granular, sbk = subangular blocky, abk = angular blocky, pl = platy
Size (S) f = fine, m = medium, c = coarse, v tn = very thin, vtk = very thick
Moisture: m = moist, w = wet, d = dry
Consistence: l = loose, fr = friable, fi = firm, vfr = very friable, vfi = very firm, xfi = extremely firm
Boundary: Distinctness (D) g= gradual, a = abrupt
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Color: Munsell Soil Color Chart (1994) codes refer to Hue, Value & Chroma
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