

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 28.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:	Completion Depth (ft): 40.0	
Sampler:	Casing Diameter (in):	Casing Depth (ft):	
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
8.0	F		Blk. m-f sand, little/some silt, mixed with variable amounts of cinders, ash & glass frags (FILL)	0						
				1						
				2				23		
				3						
				4						
				5						
			Cinders, ash, glass, brick & tile frags (FILL)	6				6		
				7						
				8						
				9						
				10						
	G		'Do' mixed with f-c sand & silt (FILL)	11				2		
				12						
				13						
				14						
				15						
				16						
			Br. f-c gravel & f-c sand, tr. silt with metal frags (FILL)	17				29		
				18						
				19						
				20						
			Br. f-c gravel & f-c sand, tr. silt (GP-GM)/(SP-SM)	21				97		
				22						
				23						
				24						
				25						
				26						
			Br. f-c gravel, and f-c sand, tr. silt (GP)	27				21		
				28						
				29						
				30						

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
				30					0 10 20 30 40 50	
				31						
				32				53		
				33						
				34						
-7.0				35						
				36						
				37				19		
				38						
				39						
-12.0				40						
				41						
				42						
				43						
				44						
				45						
				46						
				47						
				48						
				49						
				50						
				51						
				52						
				53						
				54						
				55						
				56						
				57						
				58						
				59						
				60						
				61						
				62						
				63						
				64						
				65						
				66						
				67						
				68						

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 15.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:	Completion Depth (ft): 30.0	
Sampler:	Casing Diameter (in):	Casing Depth (ft):	
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
14.5	conc		Concrete	0						
	F		Cinders & ash (FILL)	1				3		
10.0	F/G			5				10		
			Br. f-c gravel, and f-c sand, tr. silt, frequent cobbles (GP)	6						
5.0	G			10				32		
				11						
0.0				12						
				13						
				14						
				15						
				16						
				17				14		
				18						
				19						
				20						
				21						
				22				17		
				23						
				24						
				25						
				26						
				27				17		
				28						
				29						
-15.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee		Project Number: 04019-0001		Elevation (ft): 0.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
						Drop (in): 30	
Drilling Rig:		Drilling Mud:		Water Level (ft) ▽		First: ▽	
						Completion: ▽	
						24 HR: ▽	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
			Bituminous concrete	0						
			Br. f-c sand, some f-c gravel, tr. silt, frequent cobbles (FILL)	1				64		
			Concrete	2						
-2.5	Conc/F			3				41		
				4						
				5						
				6						
				7				19		
				8						
			Br. f-c gravel, some f-c sand, tr. silt mixed with variable amounts of brick & concrete frags (FILL)	9						
				10						
	F			11						
				12				24		
				13						
				14						
				15						
			Gr. f-c gravel, little f-c sand, little silt mixed with variable amounts of brick & cobbles (FILL)	16						
				17				31		
-18.5				18						
			Gr. f-c sand, some f-c gravel, some silt, frequent cobbles (SM)	19						
-20.5	S			20						
				21						
			Br. f-c gravel, and f-c sand, tr. silt, frequent cobbles (GP)	22				64		
	G			23						
				24						
-25.0				25						
				26						
			Br. f sand, some silt (SM)	27				60		
	S			28						
				29						
-30.0				30						highly micaceous 25'-30'

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 6.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE		Drilling Foreman:	Completion Depth (ft): 30.0
Sampler:		Casing Diameter (in):	Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penet. Resist BL/gin	N-Value (Blows/foot)	
3.0	F		Br. m-f sand, tr. silt mixed with variable amounts of coal, wood & metal (FILL)	0						
				1						
				2				11		
				3						
	G		Br. f-c gravel, some f-c sand, tr. silt, frequent/num. cobbles (GP-GM)	4						
				5						
				6						
-2.0				7						
				8				139		
				9						
	S		Br. m-f sand, little silt (SM)	10						
				11						
				12				19		
				13						
-9.0				14						
	M		Br. silt, some f sand (ML)	15						
				16						
				17				21		
-12.5				18						
				19						
				20						
	S		Br. m-f sand, tr. silt (SP-SM)	21						
				22						
				23				38		
				24						
				25						
				26						
				27						
				28				67		
				29						
-24.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 0.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 30.0
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/6in	N-Value (Blows/foot)	
			Bituminous concrete	0						
				1						
				2						
				3				19		
				4						
				5						
				6						
			Dk. br. f-c sand, some silt, little f-c gravel mixed with variable amounts of cinders & ash (FILL)	7				13		
				8						
				9						
				10						
				11						
				12				13		
				13						
				14						
				15						
			Dk. br. f-c sand, some silt, little f-c gravel (FILL)	16						
				17				21		
-18.5				18						
	S		Br. f-c sand, some f-c gravel, tr. silt (SP)	19						
-20.0				20						
	G		Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP)	21						
				22				83		
				23						
				24						
-25.0				25						
	S		Br. m-f sand, tr. silt (SP-SM)	26						
				27				39		
				28						
				29						
-30.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 15.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:	Completion Depth (ft): 30.0	
Sampler:	Casing Diameter (in):	Casing Depth (ft):	
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/gin	N-Value (Blows/foot)	
5.0	F		Br. m-f sand, little f-c gravel, little silt, mixed with variable amounts of cinders (FILL)	0						
				1						
			Cinders & ash (FILL)	2				5		
				3						
			Br. f-c sand, some silt, little f-c gravel (FILL)	4						
				5						
			Blk. f-c sand, little silt, mixed with variable amounts of cinders & ash (FILL)	6				12		
				7						
				8						
				9						
-2.0	G			10						
			Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP-GM)	11				74		
				12						
				13						
				14						
				15						
				16						
				17				27		
				18						
				19						
-15.0	M		Gray silt, little f sand (ML)	20						
				21				11		
				22						
				23						
				24						
				25						
				26						
				27				12		
				28						
				29						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 6.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 30.0
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
5.5	conc		Bituminous Concrete	0						
	F		Br. f-c sand, little silt mixed with variable amounts of coal, cinders & cobbles (FILL)	1				15		
				2						
				3				8		
				4						
				5						
				6						
				7						
				8						
				9						
				10						
				11						
				12				8		
				13						
				14						
				15						
				16						
				17				15		
				18						
				19						
-14.5	G		Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP-GM)	20						
				21						
				22				94		
				23						
				24						
-19.0	S		Br. m-f sand, tr. silt (SP-SM)	25						
				26						
				27				27		
				28						
				29						
				30						
-24.0										micaceous 25'-30'

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 15.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE		Drilling Foreman:	Completion Depth (ft): 30.0
Sampler:		Casing Diameter (in):	Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
14.5	TS		Topsoil	0						
	F		Br. f-c gravel, some f-c sand, tr. silt mixed with variable amounts of cinders, coal & cobbles (FILL)	1-5				74		
9.0				6						
			Br. f sand, some silt (SM)	7-14				21		
				15						
	S			16-20				24		
			Br. m-f and, tr. silt (SP-SM)	21-25				22		
				26						
				27				33		
-15.0				28-30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 6.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 30.0
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/6in	N-Value (Blows/foot)	
			Bituminous concrete	0						
				1						
				2						
				3				33		
				4						
			Br. f-c sand, some f-c gravel, little silt mixed with variable amounts of cinders, wood & brick frags (FILL)	5						
				6						
				7						
				8						
				9						
				10						
				11						
				12				17		
			Br. f-c gravel, and f-c sand, little silt mixed with variable amounts of cinders & wood (FILL)	13						
				14						
				15						
-10.0				16						
-10.5	cbl		cobbles	16						
				17						
				18				38		
				19						
				20						
			Br. f-c gravel & f-c sand, tr. silt, frequent cobbles (GP)/(SP)	21						
				22						
				23				57		
				24						
				25						
-19.5				26						
			Br. f-c sand, little f-c gravel, tr. silt (SP-SM)	27						
				28				40		
			Br. m-f sand, tr. silt (SP)	29						
				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 1.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE		Drilling Foreman:	Completion Depth (ft): 30.0
Sampler:		Casing Diameter (in):	Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
				0						
				1						
				2						
				3				15		
				4						
				5						
				6						
				7				13		
				8						
				9						
				10						
				11				8		
				12						
				13						
				14						
				15						
				16						
				17				76		
				18						
				19						
-19.0				20						
				21						
				22				22		
				23						
				24						
				25						
				26						
				27						
				28				10		
				29						
-29.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee		Project Number: 04019-0001		Elevation (ft): 0.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
						Drop (in): 30	
Drilling Rig:		Drilling Mud:		Water Level (ft) ▽		First: ▽	
						Completion: ▽	
						24 HR: ▽	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
			Br. f-c sand, some f-c gravel, tr. silt mixed with variable amounts of coal (FILL)	0						
				1						
				2						
				3				42		
				4						
				5						
				6						
				7				15		
				8						
			Br. f-c gravel, some f-c sand, tr. silt mixed with variable amounts of cinders & brick frags (FILL)	9						
				10						
				11						
				12				21		
				13						
				14						
				15						
				16						
				17						
-17.8				18				105		
				19						
				20						
-20.0				21						
				22						
-21.5				23				31		
				24						
				25						
				26						
				27						
				28				34		
				29						
				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee		Project Number: 04019-0001		Elevation (ft): 0.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
Drilling Rig:				Drilling Mud:		Drop (in): 30	
				Water Level (ft): ▽		First: ▽	
						Completion: ▽	
						24 HR: ▽	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
				0						
				1						
				2						
				3				30		
				4						
			Br. f-c gravel, and f-c sand, tr. silt mixed with brick and concrete frags (FILL)	5						
				6						
				7				17		
				8						
				9						
				10						
			Br. c-f sand, some silt, little f-c gravel mixed with variable amounts of wood, brick frags & cobbles (FILL)	11				10		
				12						
				13						
				14						
			Br. f-c sand, and f-c gravel, tr. silt mixed with variable amounts of mortar, brick frags & cobbles (FILL)	15						
				16						
				17				39		
-18.3				18						
	COB		Cobbles	19						
-20.0				20						
	G		Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP)	21				61		
				22						
				23						
-24.5				24						
	S		Br. m-f sand, tr. silt (SP-SM)	25						
-26.5				26						
	S/G		Br. f-c sand & f-c gravel, tr. silt, frequent cobbles (SP-SM)/(GP-GM)	27				51		
				28						
				29						
-30.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 14.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 30.0
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
4.0	F		Br. f-c sand, little f-c gravel, little silt mixed with variable amounts of cinders (FILL)	0						highly micaceous 14.5'-30'
			Boulder	1				85		
			Br. f-c sand, some f-c gravel, little silt, frequent cobbles (FILL)	2						
			Br. m-f sand, some silt (FILL)	3				24		
				4						
				5						
			Br. f-c gravel, some f-c sand, tr. silt & wood (FILL)	6				43		
				7						
				8						
				9						
-0.5	G		Br. f-c gravel, and f-c sand, tr. silt, frequent cobbles (GP-GM)	10						
				11						
				12				49		
				13						
				14						
				15						
			Br. f sand, and silt (SM)	16						
				17				30		
				18						
				19						
-16.0	S		Br. f-c sand, and f-c gravel, tr. silt, frequent cobbles (SP-SM)	20						
				21				40		
				22						
				23						
				24						
				25						
				26						
				27				43		
			Br. m-f sand, little/some silt (SM)	28						
				29						
			End Boring at 30.0'	30						

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 6.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 30.0
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/gin	N-Value (Blows/foot)	
5.5	conc		Bituminous concrete	0						
	F		Br. f-c gravel, and f-c sand, tr. silt, frequent cobbles (FILL)	1						
				2						
				3				41		
				4						
				5						
				6						
				7				24		
				8						
				9						
				10						
				11						
				12				32		
				13						
				14						
				15						
				16						
				17				24		
				18						
-14.0	G		Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP-GM)	19						
				20						
				21						
				22				61		
				23						
				24						
				25						
				26						
				27						
				28				31		
-23.5	S		Br. f sand, some silt (SM)	29						
-24.0				30						

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
			End Boring at 30.0'	30					0 10 20 30 40 50	
				31						
				32						
				33						
				34						
				35						
				36						
				37						
				38						
				39						
				40						
				41						
				42						
				43						
				44						
				45						
				46						
				47						
				48						
				49						
				50						
				51						
				52						
				53						
				54						
				55						
				56						
				57						
				58						
				59						
				60						
				61						
				62						
				63						
				64						
				65						
				66						
				67						
				68						

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 14.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 32.0
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
13.5	conc		Concrete	0						
				1						
			Cinders & ash (FILL)	2				9		
				3						
				4						
				5						
			Br. f-c sand, some f-c gravel, some silt mixed with variable amounts of cinder, ash, slag & brick frags (FILL)	6				9		
				7						
				8						
				9						
				10						
			Cinders & ash (FILL)	11				11		
				12						
				13						
				14						
-1.0				15						
	S		Br. f-c sand, some f-c gravel, little silt, frequent cobbles (SM)	16				34		
-3.0				17						
-4.0	Cob		Cobbles	18				81		
				19						
				20						
				21						
	G		Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP-GM)	22				112		
				23						
				24						
-10.5				25						
				26						
	S/G		Br. f-c sand & f-c gravel, tr. silt, num. cobbles (SP-SM)/(GP-GM)	27				67		
				28						
				29						
				30						

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penet. Resist BL/6in	N-Value (Blows/foot)	
-18.0	S/G		Br. f-c sand & f-c gravel, tr. silt, num. cobbles (SP-SM)/(GP-GM)	30						
			End Boring at 32.0'	31				85		
				32						
				33						
				34						
				35						
				36						
				37						
				38						
				39						
				40						
				41						
				42						
				43						
				44						
				45						
				46						
				47						
				48						
				49						
				50						
				51						
				52						
				53						
				54						
				55						
				56						
				57						
				58						
				59						
				60						
				61						
				62						
				63						
				64						
				65						
				66						
				67						
				68						

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 17.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE		Drilling Foreman:	Completion Depth (ft): 30.0
Sampler:		Casing Diameter (in):	Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/gin	N-Value (Blows/foot)	
12.0	F		Dk. br. f-c sand, some silt, little f-c gravel, num. cobbles (FILL)	0						
				1						
				2				67		
				3						
				4						
-13.0	S		Br. m-f sand, little silt (SM)	5						
				6						
			Br. f-c sand, some f-c gravel, little silt (SM)	7				38		
				8						
				9						
			Br. f-c sand, some f-c gravel, tr. silt, frequent cobbles (SP-SM)	10						
				11						
				12				23		
				13						
				14						
				15						
			Br. m-f sand, little f-c gravel, tr. silt, num. cobbles (SP-SM)	16						
				17				53		
				18						
				19						
				20						
				21						
				22				46		
				23						
				24						
				25						
				26						
			Br. f-c sand, and f-c gravel, little silt, num. cobbles (SM)	27				56		
				28						
				29						
				30						micaceous 27'-30'

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 12.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 30.0
Sampler:	Casing Diameter (in):	Casing Depth (ft):	
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
11.0	F		Bituminous concrete	0						
			Br. f-c sand, some f-c gravel, tr. silt (SM)	1						
				2				51		
				3						
				4						
	S		Dk. br. f sand, little silt (SM)	5						
				6						
				7				10		
				8						
			Br. f-m sand, little silt (SM)	9						
				10						
			Br. f-c sand, little f-c gravel, little silt, frequent cobbles (SM)	11						
-0.5				12						
	G		Br. f-c gravel, and f-c sand, tr. silt, frequent cobbles (GP)	13				43		
-3.0				14						
				15						
				16						
				17				38		
				18						
				19						
				20						
	S		Br. m-f sand, tr. silt (SP-SM)	21						
				22				63		
				23						
				24						
				25						
				26						
				27						
				28				31		
				29						
-18.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 11.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 30.0
Sampler:	Casing Diameter (in):	Casing Depth (ft):	
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft): ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
10.5	conc		Bituminous concrete	0						
	S		Br. m-f sand, little f-c gravel, little silt (SM)	1-5				33		
			Br. m-f sand, some silt (SM)	5-6						
3.5				6						
	G		Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP-GM)	7-14				16		
				14-15						
-4.0				15						
	G/S		Br. f-c gravel & f-c sand, tr. silt, frequent cobbles (GP)/(SP)	15-21				27		
				21-22						
-11.0				22				21		
	S		Br. m-f sand, and silt (SM)	22-25						
				25-26						
				26-27				48		
-19.0				27-30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee		Project Number: 04019-0001		Elevation (ft): 5.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
						Drop (in): 30	
Drilling Rig:		Drilling Mud:		Water Level (ft)		First: 	
						Completion: 	
						24 HR: 	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/gin	N-Value (Blows/foot)	
4.0	S		Br. m-f sand, some silt (SM)	0						Note: brick frags & paint chips reported in the top 5' per Plate 3-21; information listed herein recorded from Plate 6-21
	G		Br. f-c gravel, and f-c sand, tr. silt (GP)	1				34		
				2						
				3						
				4						
0.0				5						micaceous 17'-30'
	G/S		Br. f-c gravel & f-c sand, tr. silt, num. cobbles (GP-GM)/(SP-SM)	6				30		
				7						
				8						
				9						
				10						
				11				56		
				12						
				13						
				14						
				15						
				16						
				17				32		
				18						
				19						
-12.0			Br. m-f sand, some silt (SM)	20						
	S		Br. m-f sand, little silt (SM)	21				41		
				22						
				23						
				24						
				25				57		
				26						
				27						
				28						
				29						
-25.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 5.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 30.0
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
-2.3	F		Br. f-c gravel, some f-c sand, tr. silt mixed with variable amounts of brick frags (FILL)	0						
				1						
-25.0	S		Gray m-f sand, tr. silt (SP-SM)	2						micaceous 7.3'-10'
				3				17		
				4						
				5						
				6						
				7				34		
				8						
				9						
				10						
				11						
				12				23		
				13						
				14						
				15						
				16						
				17				40		
				18						
				19						
				20						
				21						
				22				48		
				23						
				24						
				25						
				26						
				27						
				28				46		
				29						
				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): -2.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 23.5
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft): ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
				0						
				1						
				2						
				3				23		
				4						
				5						
				6						
				7						
				8				26		
				9						
				10						
				11						
				12						
				13				51		
				14						
				15						
				16						
				17						
				18				63		
				19						
				20						
				21						
				22				163		
				23						
				24						
				25						
				26						
				27						
				28						
				29						
				30						

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 22.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 30.0
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
21.5	TS		Topsoil	0						
18.5	F		Br. f-c sand, some silt mixed with variable amounts of cinders (FILL)	1				18		
	F/S		Br. & gray m-f sand, some silt (SM)(FILL)	2						
12.6				3						
				4						
				5						
				6				16		
				7						
				8						
				9						
				10						
				11						
				12				11		
				13						
				14						
				15						
				16						
				17						
				18				10		
3.6				19						
2.6	G		Br. f-c gravel, some f-c sand (GP)	20						
	BLD		Boulder	21						
0.5				22						
				23				58		
				24						
				25						
				26						
				27						
				28				59		
				29						
				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 11.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:	Completion Depth (ft): 30.0	
Sampler:	Casing Diameter (in):	Casing Depth (ft):	
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/6in	N-Value (Blows/foot)	
10.0	S		Br. c-f sand, little/some f-c gravel, tr. silt, frequent cobbles (SP)	0						
	G		Br. f-c gravel, little/some f-c sand, tr. silt, frequent cobbles (GP)	1				44		
				2						
				3				49		
				4						
				5						
				6						
				7						
				8				51		
				9						
				10						
				11						
				12						
				13						
				14						
				15						
				16						
-6.0	M		Gray br. silt (ML)	17				19		
				18						
				19						
-9.0	S		Br. gray f sand, little/some silt, occ. cobbles (SM)	20				30		
				21						
				22						
				23						
				24						
				25						
				26						
				27				31		
				28						
				29						
-19.0			Br. gray f-m sand, little/some f-c gravel, little/some silt (SM)	30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 10.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:	Completion Depth (ft): 30.0	
Sampler:	Casing Diameter (in):	Casing Depth (ft):	
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
9.0	TS		Topsoil, frequent cobbles & roots	0						
	G		Br. f-c gravel, little/some f-c sand, occ./frequent cobbles (GP)	1						
				2				36		
				3						
				4						
				5						
				6						
				7				9		
				8						
				9						
				10						
			No recovery	10						
	G		Br. f-c gravel, little/some f-c sand, tr. silt, num. cobbles (GP)	11						
				12						
				13				91		
				14						
				15						
				16						
				17				27		
				18						
				19						
				20						
	M		Gray br. silt, little/some f sand (ML)	21						
				22				26		
				23						
				24						
				25						
				26						
				27						
				28				28		
				29						
				30						
-20.0										Note: information obtained from Plate 3-22, not illustrated on Plates 6

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 26.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:	Completion Depth (ft): 40.0	
Sampler:	Casing Diameter (in):	Casing Depth (ft):	
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/6in	N-Value (Blows/foot)	
18.2	S		Br. f-c sand, and f-c gravel, tr. silt (SP)	0						
				1						
				2						
				3				4		
				4						
				5						
				6						
				7						
				8				34		
				9						
1.0	G		Gray f-c gravel, some f-c sand, tr. silt (GP-GM)	10						
				11						
				12						
				13				67		
				14						
				15						
				16						
				17						
				18				11		
				19						
-1.4	S		Gray m-f sand, little f-c gravel, little silt (SM)	20						
				21						
				22						
				23				9		
				24						
				25						
				26						
				27						
				28				8		
				29						
	M		Gray silt, little f sand (ML)	30						

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
-14.0	M		Gray silt, little f sand (ML)	30						
				31						
				32				15		
				33						
				34						
				35						
				36						
				37				15		
				38						
				39						
			End Boring at 40.0'	40						
				41						
				42						
				43						
				44						
				45						
				46						
				47						
				48						
				49						
				50						
				51						
				52						
				53						
				54						
				55						
				56						
				57						
				58						
				59						
				60						
				61						
				62						
				63						
				64						
				65						
				66						
				67						
				68						

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 27.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 25.0
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
			Br. f-c sand, and f-c gravel, tr. silt (SP-SM)	0						
				1						
				2				52		
				3						
				4						
				5						
			Br. f sand, and silt (SM)	6				11		
				7						
				8						
				9						
				10						
				11						
				12				5		
				13						
			Br. f-c sand, little f-c gravel, tr. silt (SP-SM)	14						
				15						
				16						
				17				70		
				18						
				19						
6.7				20						
				21						
			Gray br. silt, some f sand (ML)	22				15		
				23						
				24						
2.0			End Boring at 25.0'	25						
				26						
				27						
				28						
				29						
				30						

Project: Ansonia/Derby Naugatuck Levee		Project Number: 04019-0001		Elevation (ft): 20.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
						Drop (in): 30	
Drilling Rig:		Drilling Mud:		Water Level (ft) ▽		First: ▽	
						Completion: ▽	
						24 HR: ▽	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
				0						
				1						
				2						
				3				7		
				4						
				5						
				6						
				7				3		
				8						
				9						
				10						
				11						
				12				28		
				13						
				14						
4.5				15						
				16						
				17				11		
				18						
				19						
				20						
				21						
				22				8		
				23						
				24						
				25						
				26						
				27				14		
				28						
				29						
-10.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Naugatuck Levee	Project Number: 04019-0001	Elevation (ft): 24.0	Datum: Site Datum
Location: Ansonia, Connecticut	Logged By:	Date Started:	Date Completed:
Drilling Contractor: ACE	Drilling Foreman:		Completion Depth (ft): 30.0
Sampler:	Casing Diameter (in):		Casing Depth (ft):
Drilling Equipment:	Sampler Hammer:	Weight (lbs): 140	Drop (in): 30
Drilling Rig:	Drilling Mud:	Water Level (ft) ▽	First: ▽ Completion: ▽ 24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Pendr. Resist BL/6in	N-Value (Blows/foot)	
8.5	F		Br. f-c sand, little f-c gravel, little silt (FILL)	0						
				1						
				2				8		
				3						
				4						
				5						
				6						
				7				12		
				8						
				9						
				10						
				11						
				12				125		
				13						
				14						
				15						
-6.0	M		Br. f-c gravel, and f-c sand, tr. silt (FILL)	16						
				17						
				18				18		
				19						
				20						
				21						
				22				20		
				23						
				24						
				25						
				26						
				27				27		
				28						
				29						
				30						

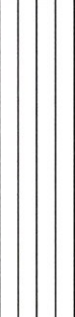
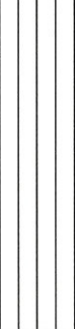
End Boring at 30.0'

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft):		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 42.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
						Drop (in): 30	
Drilling Rig:		Drilling Mud:		Water Level (ft)		First: 	
						Completion:  24 HR: 	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
			Dark gray fine to COARSE sand, cinders, asj, glass and organic matr (Fill)	0						
				1						
			Yellowish ASH (Fill)	2						
				3						
				4						
				5						
			Black glass, tile, cinders, mortar, ash & brick (Fill)	6						
				7						
				8						
				9						
				10						
			Dark brown ciders, slag, ash, tile, wire, burlap & gravel (Fill)	11						
				12						
				13						
				14						
				15						
			Dark brown cinders, wood, tile, ash, sand, gravel & silt (Fill)	16						
				17						
				18						
			Black becoming brown f-c GRAVEL, some f-c sand, trace silt (Fill)	19						
				20						
				21						
				22						
				23						
				24						
			Brown f-c GRAVEL, some /andf-c SAND, trace silt, frequent cobbles, occasional metal frags (Fill)	25						
				26						
				27						
				28						
				29						
				30						

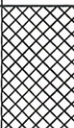
Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/6in	N-Value (Blows/foot)	
				30					0 10 20 30 40 50	
	G		Brown f-c GRAVEL, somef-c sand, little silt, frequent cobbles (GM)	31						
				32						
				33						
				34						
	S		Brown f-c SAND, trace f-c gravel, trace silt (SP-SM)	35						
				36						
				37						
				38						
				39						
				40						
				41						
			End Boring at 42.0'	42						
				43						
				44						
				45						
				46						
				47						
				48						
				49						
				50						
				51						
				52						
				53						
				54						
				55						
				56						
				57						
				58						
				59						
				60						
				61						
				62						
				63						
				64						
				65						
				66						
				67						
				68						

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 15.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	Drop (in): 30
Drilling Rig:		Drilling Mud:		Water Level (ft) ▽	First: ▽	Completion: ▽	24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
14.5	conc		Concrete	0						
	F		Cinders & ash (FILL)	1				3		
10.0	F/G		Br. f-c gravel, and f-c sand, tr. silt, frequent cobbles (GP)	5				10		possible reworked soil 5'-10'
5.0	G		Br. & gray silt, some f sand (ML)	12				52		
0.0	M		Br. & gray silt, some f sand (ML)	15				14		
				17				17		sl. micaceous 15'-30'
-15.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 6.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	Drop (in): 30
Drilling Rig:		Drilling Mud:		Water Level (ft)	First: ▽	Completion: ▽	24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data						Remarks							
					Number	Type	Recov. (in)	Penetr. Resist. BL/6in	N-Value (Blows/foot)									
										0	10	20	30	40	50			
3.0	F		Br. m-f sand, tr. silt mixed with variable amounts of coal, wood & metal (FILL)	0				11									highly micaceous 8'-15'	
				1														
				2														
-2.0	G		Br. f-c gravel, some f-c sand, tr. silt, frequent/num. cobbles (GP-GM)	3				139										
				4														
				5														
				6														
				7														
				8														
-9.0	S		Br. m-f sand, little silt (SM)	9				19										
				10														
				11														
				12														
				13														
				14														
-12.5	M		Br. silt, some f sand (ML)	15				21										
				16														
				17														
				18														
-24.0	S		Br. m-f sand, tr. silt (SP-SM)	19				38										
				20														
				21														
				22														
				23					67									
				24														
				25														
				26														
				27														
				28														
				29														
				30														

End Boring at 30.0'

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 0.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	Drop (in): 30
Drilling Rig:		Drilling Mud:		Water Level (ft)	First: ▽	Completion: ▽	24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/6in	N-Value (Blows/foot)	
			Bituminous concrete	0						
				1						
				2						
				3				19		
				4						
				5						
				6						
			Dk. br. f-c sand, some silt, little f-c gravel mixed with variable amounts of cinders & ash (FILL)	7				13		
				8						
				9						
				10						
				11						
				12				13		
				13						
				14						
				15						
			Dk. br. f-c sand, some silt, little f-c gravel (FILL)	16						
				17				21		
-18.5				18						
	S		Br. f-c sand, some f-c gravel, tr. silt (SP)	19						
-20.0				20						
				21						
	G		Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP)	22				83		
				23						
				24						
-25.0				25						
				26						
	S		Br. m-f sand, tr. silt (SP-SM)	27				39		
				28						
				29						
-30.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 15.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	Drop (in): 30
Drilling Rig:		Drilling Mud:		Water Level (ft)	First: ▽	Completion: ▽	24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
5.0	F		Br. m-f sand, little f-c gravel, little silt, mixed with variable amounts of cinders (FILL)	0						
			Cinders & ash (FILL)	1				5		
			Br. f-c sand, some silt, little f-c gravel (FILL)	2						
			Blk. f-c sand, little silt, mixed with variable amounts of cinders & ash (FILL)	3				12		
				4						
				5						
				6						
				7						
				8						
				9						
-2.0	G		Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP-GM)	10				74		
				11						
				12						
				13						
				14						
				15						
				16						
				17				27		
				18						
				19						
-15.0	M		Gray silt, little f sand (ML)	20						
				21						
				22				11		
				23						
				24						
				25						
				26						
				27				12		
				28						
				29						

End Boring at 30.0'

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 15.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	Drop (in): 30
Drilling Rig:		Drilling Mud:		Water Level (ft)	First: ▽	Completion: ▽	24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
14.5	TS		Topsoil	0						
				1						
				2				74		
				3						
				4						
				5						
9.0	F		Br. f-c gravel, some f-c sand, tr. silt mixed with variable amounts of cinders, coal & cobbles (FILL)	6						
				7				21		
				8						
				9						
				10						
				11						
				12				24		
				13						
				14						
				15						
				16						
				17				24		
				18						
				19						
				20						
				21						
				22				22		
				23						
				24						
				25						
				26						
				27				33		
				28						
				29						
				30						

End Boring at 30.0'

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 1.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
						Drop (in): 30	
Drilling Rig:		Drilling Mud:		Water Level (ft) ▽		First: ▽	
						Completion: ▽	
						24 HR: ▽	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/6in	N-Value (Blows/foot)	
				0						
				1						
				2				15		
				3						
				4						
				5						
				6						
				7				13		
				8						
				9						
				10						
				11						
				12				8		
				13						
				14						
				15						
				16						
				17				76		
				18						
				19						
-19.0				20						
				21						
				22				22		
				23						
				24						
				25						
				26						
				27						
				28				10		
				29						
-29.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 0.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	Drop (in): 30
Drilling Rig:		Drilling Mud:		Water Level (ft)	First: ▽	Completion: ▽	24 HR: ▽

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/6in	N-Value (Blows/foot)	
			Br. f-c sand, some f-c gravel, tr. silt mixed with variable amounts of coal (FILL)	0						
				1						
				2						
				3				42		
				4						
				5						
				6						
				7				15		
				8						
			Br. f-c gravel, some f-c sand, tr. silt mixed with variable amounts of cinders & brick frags (FILL)	9						
				10						
				11						
				12				21		
				13						
				14						
				15						
				16						
				17				105		
-17.8				18						
	BLD		Boulder	19						
-20.0				20						
	G		Br. f-c gravel, some f-c sand (GP)	21						
-21.5				22						
				23				31		
				24						
				25						
	S		Br. f sand, little silt (SM)	26						
				27						
				28				34		
				29						
-30.0				30						

End Boring at 30.0'

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 0.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
Drilling Rig:				Drilling Mud:		Drop (in): 30	
				Water Level (ft)		First: Completion: 24 HR:	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data						Remarks					
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)							
				0					0	10	20	30	40	50		
	F		Br. f-c gravel, and f-c sand, tr. silt mixed with brick and concrete frags (FILL)	1												
				2					30							
				3												
				4												
				5												
					Br. c-f sand, some silt, little f-c gravel mixed with variable amounts of wood, brick frags & cobbles (FILL)	6										
			7						17							
			8													
			9													
			10													
					Br. f-c sand, and f-c gravel, tr. silt mixed with variable amounts of mortar, brick frags & cobbles (FILL)	11										
			12													
			13						10							
			14													
			15													
				16												
	17															
	18															
	19															
	20															
	COB		Cobbles	19												
				21												
				22												
				23												
	G		Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP)	21												
				22												
				23												
				24												
	S		Br. m-f sand, tr. silt (SP-SM)	25												
				26												
				27												
				28												
	S/G		Br. f-c sand & f-c gravel, tr. silt, frequent cobbles (SP-SM)/(GP-GM)	27												
				28												
				29												
				30												
					</											

End Boring at 30.0'

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 14.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
						Drop (in): 30	
Drilling Rig:		Drilling Mud:		Water Level (ft) ▽		First: ▽	
				Completion: ▽		24 HR: ▽	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
4.0	F		Br. f-c sand, little f-c gravel, little silt mixed with variable amounts of cinders (FILL)	0						highly micaceous 14.5'-30'
			Boulder	1				85		
			Br. f-c sand, some f-c gravel, little silt, frequent cobbles (FILL)	2						
			Br. m-f sand, some silt (FILL)	3				24		
				4						
				5						
			Br. f-c gravel, some f-c sand, tr. silt & wood (FILL)	6				43		
				7						
				8						
				9						
-0.5	G		Br. f-c gravel, and f-c sand, tr. silt, frequent cobbles (GP-GM)	10						
				11						
				12				49		
				13						
				14						
			Br. f sand, and silt (SM)	15						
				16						
				17				30		
				18						
				19						
-16.0	S		Br. f-c sand, and f-c gravel, tr. silt, frequent cobbles (SP-SM)	20						
				21						
				22				40		
				23						
				24						
				25						
				26						
				27				43		
			Br. m-f sand, little/some silt (SM)	28						
				29						
			End Boring at 30.0'	30						

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 15.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 30.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
						Drop (in): 30	
Drilling Rig:		Drilling Mud:		Water Level (ft)		First: Completion: 24 HR:	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data						Remarks				
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)						
				0					0	10	20	30	40	50	
				1											
				2											
				3											
				4											
				5											
				6											
				7											
				8											
				9											
				10											
				11											
				12											
				13											
				14											
				15											
				16											
				17											
				18											
				19											
				20											
				21											
				22											
				23											
				24											
				25											
				26											
				27											
				28											
				29											
				30											

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft): 14.0		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 32.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
						Drop (in): 30	
Drilling Rig:		Drilling Mud:		Water Level (ft) ▽		First: ▽	
						Completion: ▽	
						24 HR: ▽	

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
13.5	conc		Concrete	0						
				1						
			Cinders & ash (FILL)	2				9		
				3						
				4						
				5						
	F		Br. f-c sand, some f-c gravel, some silt mixed with variable amounts of cinder, ash, slag & brick frags (FILL)	6				9		
				7						
				8						
				9						
				10						
			Cinders & ash (FILL)	11				11		
				12						
				13						
-1.0				14						
	S		Br. f-c sand, some f-c gravel, little silt, frequent cobbles (SM)	15				34		
-3.0				16						
	Cob		Cobbles	17						
-4.0				18				81		
				19						
	G		Br. f-c gravel, and f-c sand, tr. silt, num. cobbles (GP-GM)	20						
				21						
				22				112		
				23						
-10.5				24						
				25						
	S/G		Br. f-c sand & f-c gravel, tr. silt, num. cobbles (SP-SM)/(GP-GM)	26				67		
				27						
				28						
				29						
				30						

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist. BL/6in	N-Value (Blows/foot)	
-18.0	S/G		Br. f-c sand & f-c gravel, tr. silt, num. cobbles (SP-SM)/(GP-GM)	30						
			End Boring at 32.0'	31				85		
				32						
				33						
				34						
				35						
				36						
				37						
				38						
				39						
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				68						

Project: Ansonia/Derby Levee, Ansonia, Naugatuck R.		Project Number: 04019-0001		Elevation (ft):		Datum: Site Datum	
Location: Ansonia, Connecticut		Logged By:		Date Started:		Date Completed:	
Drilling Contractor: ACE				Drilling Foreman:		Completion Depth (ft): 35.0	
Sampler:				Casing Diameter (in):		Casing Depth (ft):	
Drilling Equipment:				Sampler Hammer:		Weight (lbs): 140	
						Drop (in): 30	
Drilling Rig:		Drilling Mud:		Water Level (ft):		First: Completion:	
				24 HR:			

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks	
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)		
	TS		Topsoil	0							
	F		Brown becoming white & gray ash, brick, coal, concrete, glass, cinders & shell frags mixed with variable amounts of sand (Fill)	1-11							
			Brown f-c GRAVEL, and f-c SAND, trace silt, occasional wood, coal and metal (Fill)	12-15							
	G		Gray brown f-c GRAVEL, and f-c SAND, trace silt (GP)	16-19							
	S		Gray brown f-c SAND, some f-c gravel, trace silt, occasional cobbles (SP-SM)	20-27							
	Cobb		Cobbles	28-30							

Elev. (ft)	Strata	Material Symbol	Sample Description	Depth Scale	Sample Data					Remarks
					Number	Type	Recov. (in)	Penetr. Resist BL/6in	N-Value (Blows/foot)	
				30					0 10 20 30 40 50	
	S		Brown f-c SAND, some silt, little f-c gravel (SM)	31						
				32						
				33						
				34						
				35						
			End Boring at 35.0'	36						
				37						
				38						
				39						
				40						
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				44						
				45						
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