

SURFICIAL MATERIALS GLACIAL AND POSTGLACIAL DEPOSITS VOLUNTOWN, CONNECTICUT

GLACIAL ICE-LAID DEPOSITS	POSTGLACIAL DEPOSITS
t Thin Till	a Alluvium
tt Thick Till	aa Alluvium overlying undifferentiated Coarse deposits (g, sg, s)
tm End Moraine deposits	as Alluvium overlying Sand
GLACIAL MELT-WATER DEPOSITS	af Alluvium overlying Fines
Fine Deposits	asf Alluvium overlying undifferentiated Coarse deposits overlying Fine deposits
f Fines (very fine sand, silt, and clay)	asfsg Alluvium overlying undifferentiated Fine deposits overlying Coarse deposits
Coarse Deposits	sw Swamp deposits
g Gravel	swf Swamp deposits overlying Sand
sg Sand and Gravel	swff Swamp deposits overlying Fines
s Sand	swffs Swamp deposits overlying Sand overlying Fines
Stacked Coarse Deposits	swffs Swamp deposits overlying Fines overlying Sand
gsg Gravel overlying Sand and Gravel	sm Salt-Marsh and Tidal-Marsh deposits
gsa Gravel overlying Sand	smf Salt-Marsh and Tidal-Marsh deposits overlying Fines
sgs Sand and Gravel overlying Sand	smff Salt-Marsh and Tidal-Marsh deposits overlying Fines
sgsg Sand and Gravel overlying Sand overlying Sand and Gravel	ta Talus
sgs Sand overlying Gravel	b Beach deposits
sis Sand overlying Sand and Gravel	af Artificial Fill
Stacked Coarse Deposits Overlying Fine Deposits	* Alluvium may be overlying any of the Coarse deposits (g, sg, s)
gaf Gravel overlying Sand overlying Fines	
gf Gravel overlying Fines	
sgaf Sand and Gravel overlying Sand overlying Fines	
sgf Sand and Gravel overlying Fines	
sf Sand overlying Fines	
Stacked Fine Deposits Overlying Coarse Deposits	
fsg Fines overlying Sand and Gravel	
fs Fines overlying Sand	

PARTICLE DIAMETER	
GRAVEL PARTICLES	SAND PARTICLES
10	2.5
2.5	0.85
0.85	0.425
0.425	0.25
0.25	0.15
0.15	0.075
0.075	0.0475
0.0475	0.025
0.025	0.015
0.015	0.0075
0.0075	0.00375
0.00375	0.001875
0.001875	0.0009375
0.0009375	0.00046875
0.00046875	0.000234375
0.000234375	0.0001171875
0.0001171875	0.00005859375
0.00005859375	0.000029296875
0.000029296875	0.0000146484375
0.0000146484375	0.00000732421875
0.00000732421875	0.000003662109375
0.000003662109375	0.0000018310546875
0.0000018310546875	0.00000091552734375
0.00000091552734375	0.000000457763671875
0.000000457763671875	0.0000002288818359375
0.0000002288818359375	0.00000011444091796875
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