

# SURFICIAL MATERIALS GLACIAL AND POSTGLACIAL DEPOSITS CORNWALL, CONNECTICUT

- GLACIAL ICE-LAID DEPOSITS**
- t Thin Till
  - tt Thick Till
  - em End Moraine deposits
- GLACIAL MELT-WATER DEPOSITS**
- Fine Deposits**
- f Fines (very fine sand, silt, and clay)
- Coarse Deposits**
- g Gravel
  - sg Sand and Gravel
  - s Sand
- Stacked Coarse Deposits**
- g/g Gravel overlying Sand and Gravel
  - g/s Gravel overlying Sand
  - sg/s Sand and Gravel overlying Sand
  - sg/sg Sand and Gravel overlying Sand and Gravel
  - sg/s Sand overlying Gravel
  - sg/s Sand overlying Sand and Gravel
- Stacked Coarse Deposits Overlying Fine Deposits**
- g/f Gravel overlying Sand overlying Fines
  - g/f Gravel overlying Fines
  - sg/f Sand and Gravel overlying Sand overlying Fines
  - sg/f Sand and Gravel overlying Fines
  - sg/f Sand overlying Fines
- Stacked Fine Deposits Overlying Coarse Deposits**
- f/s Fines overlying Sand and Gravel
  - f/s Fines overlying Sand

- POSTGLACIAL DEPOSITS**
- a Floodplain Alluvium
  - a/g Alluvium overlying undifferentiated Coarse deposits (g, sg, s)
  - a/s Alluvium overlying Sand
  - a/f Alluvium overlying Fines
  - a/s/f Alluvium overlying undifferentiated Coarse deposits overlying Fine deposits
  - a/s/g Alluvium overlying undifferentiated Fine deposits overlying Coarse deposits
  - sw Swamp deposits
  - sw/f Swamp deposits overlying Sand
  - sw/f Swamp deposits overlying Fines
  - sw/f Swamp deposits overlying Sand overlying Fines
  - sw/f Swamp deposits overlying Fines overlying Sand
  - sm Salt-Marsh and Tidal-Marsh deposits
  - sm/f Salt-Marsh and Tidal-Marsh deposits overlying Sand
  - sm/f Salt-Marsh and Tidal-Marsh deposits overlying Fines
  - ta Talus
  - b Beach deposits
  - af Artificial Fill
- \* Alluvium may be overlying any of the Coarse deposits (g, sg, s)
- w Water

PARTICLE DIAMETER	
Boilers	Gravel
256	64
64	4
4	2
2	1
1	0.5
0.5	0.25
0.25	0.125
0.125	0.0625
0.0625	0.03125
0.03125	0.015625
0.015625	0.0078125
0.0078125	0.00390625
0.00390625	0.001953125
0.001953125	0.0009765625
0.0009765625	0.00048828125
0.00048828125	0.000244140625
0.000244140625	0.0001220703125
0.0001220703125	0.00006103515625
0.00006103515625	0.000030517578125
0.000030517578125	0.0000152587890625
0.0000152587890625	0.00000762939453125
0.00000762939453125	0.000003814697265625
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