

# SURFICIAL MATERIALS

## GLACIAL AND POSTGLACIAL DEPOSITS

### GLACIAL ICE-LAID DEPOSITS

t Thin Till  
tt Thick Till  
ts End moraine deposits

### GLACIAL AND POSTGLACIAL 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/sg Gravel overlying Sand and Gravel  
g/s Gravel overlying Sand  
sg/s Sand and Gravel overlying Sand  
sg/s/sg Sand and Gravel overlying Sand overlying Sand and Gravel  
s/g Sand overlying Gravel  
s/sg Sand overlying Sand and Gravel

#### Stacked Coarse Deposits Overlying Fine Deposits

g/s/f Gravel overlying Sand overlying Fines  
g/f Gravel overlying Fines  
sg/s/f Sand and Gravel overlying Sand overlying Fines  
sg/f Sand and Gravel overlying Fines  
s/f Sand overlying Fines

#### Stacked Fine Deposits Overlying Coarse Deposits

f/sg Fines overlying Sand and Gravel  
f/s Fines overlying Sand

### POSTGLACIAL DEPOSITS

a Floodplain Alluvium  
a/sg\* 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/f/g\* Alluvium overlying undifferentiated Fine deposits overlying Coarse deposits  
sw Swamp deposits  
sw/s Swamp deposits overlying Sand  
sw/f Swamp deposits overlying Fines  
sw/s/f Swamp deposits overlying Sand overlying Fines  
sw/f/s Swamp deposits overlying Fines overlying Sand  
sm Salt-Marsh and Tidal-Marsh deposits  
sm/s/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												
10	2.5	.16	.08	.04	.02	.01	.005	.0025	.00015	in		
256	64	4	2	1	.5	.25	.125	.068	.004	mm		
Boulders	Cobbles	Pebbles	Granules	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt	Clay		
GRAVEL PARTICLES			SAND PARTICLES				FINE PARTICLES					