

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	.0015	.001	.0005	.00025	.00015
256	64	4	2	1	.5	.25	.125	.063	.032	.016	.008	.004	.002
Boulders	Cobbles	Pebbles	Granules	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt	Clay			
GRAVEL PARTICLES				SAND PARTICLES				FINE PARTICLES					