



Surficial Geology of the Manchester Quadrangle

Author: David De Simone
 Digitized by: Caroline Orsi and Jonathan Kim

Surficial Deposits		Recent Deposits	
Late Pleistocene Glacial Deposits		Recent Deposits	
	OW Outwash; Glacial Meltwater Deposits; Gravel and Sand; Gently-Sloping to Flat Lands		F Fill; Artificial, Rail and Road Beds
	K Undifferentiated Kame; Gravel, Sand, and Boulders/Cobbles; Rolling Hilly Lands		PM Peat and Muck; Swamp/Wetland; Silt and Clay; Low-Lying Flat Lands
	Eskers ; Subglacial/Englacial Meltwater Stream Channel Deposits; Gravel and Sand; Prominent Elongate ridges		AL Alluvium; Stream Flood Plains; Fine Sand, Silt, and Gravel, River Bottom Lands
	KM Kame Moraine; Ice-Contact Meltwater and Ice-Derived Deposits; Gravel, Sand, and Glacial Till; Rolling, Hilly, Ridged Lands		FT Fluvial Terrace; Old Flood Plains; Sand, Silt, and Gravel; Flat Lands
	GM Ground Moraine; Ice Contact Stagnation, Meltwater, and Ice Flow Derived Deposits; Gravel and Sand; Streamlined to Kamic to Flat Lands		AF Alluvial Fan; Tributary Stream Deposits; Gravel, Silt, and Sand; Gently - Moderately Sloping Lands
	KT Kame Terrace; Ice Contact Meltwater and Sediment Flow Deposits; Gravel, Sand, and Silt; Flat to Nearly Flat Lands		CO Colluvium; Slump, Slide, and Avalanche Debris; Boulders, Cobbles, Gravel, Sand, and Silt; Sloping Lands
	M Moraine; Ice Contact Ice-Derived Meltwater, and Sediment Flow Deposits; Till, Gravel, Sand, and Boulders; Broad Elongate Ridges	Precambrian and Paleozoic Bedrock	
	T Till; Ice-Derived Deposits; Subglacial; Hardpan Silt, Gravel, and Sand with Boulders; Hillslopes and Streamlined Hills		Rmb Rock Outcrop, Marble (all Carbonate Rocks Termed Marble Here)
	TT Till, Thin; As Above, but with Frequent Rock Outcrops; < 3 meters thick over Ledge; Hillslopes and Summit Areas		Rqz Rock Outcrop, Quartzite
			Rsc Rock Outcrop, Schist
			Rqz-sc Rock Outcrop, Quartzite and Schist