



EXPLANATION

Recent

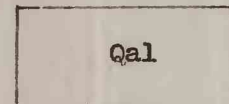
Pleistocene

Contact

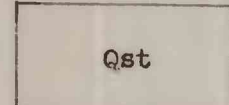
Summit of drumlin, a hill composed of till smoothed and streamlined by glacial motion. Shaft is parallel to long axis of drumlin

Glacial striation. Point of arrow site of observation

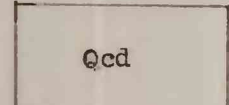
Limestone quarry



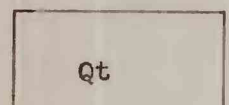
Qal
Alluvium
Silt, sand, and gravel, in modern flood plains and in swales. Occurs as a low terrace subject to floods



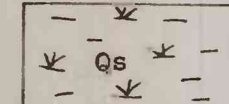
Qst
Stream terrace deposits
Gravel and sand, in restricted deposits, probably glacial in origin, but not demonstrably related to former ice margin positions



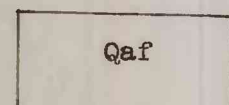
Qcd
Ice-contact stratified drift
Kettled, collapsed, or eroded glacio-fluvial deposits, mostly gravel, sand, and some silt. Forms include kames and kame terraces



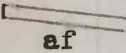
Qt
Till
Boulders, gravel, sand, silt, and clay, nonsorted to poorly sorted, with a few inclusions of stratified sand and gravel. Deposited directly by glacial ice which advanced generally from northwest to southeast



Qs
Swamp deposits
Organic matter, undecomposed to partly decomposed, generally mixed with sand and silt; locally peaty. Mineral matter accumulates by colluvial, alluvial, or eolian processes



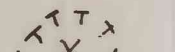
Qaf
Alluvial fan deposits
Silt, sand, and gravel, poorly sorted and stratified, occurring as small fans, and derived from local bedrock and from till



af
Artificial fill, chiefly rail and highway embankments and quarry spoil piles



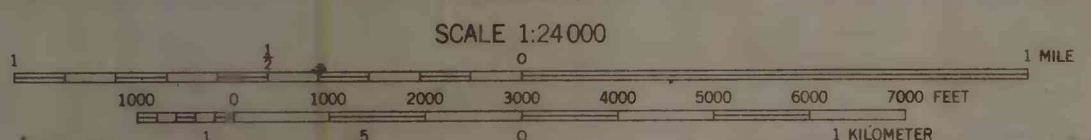
Construction materials pit. Crossbar indicates pit is inactive. Letter symbols indicate: bg, boulder gravel; cg, cobble, gravel; pg, pebble gravel; pcg, pebble cobble gravel; cs, cobble sand; ps, pebble sand; s, sand; t, till. Numbers refer to data sheets



Large pit or complex of pits

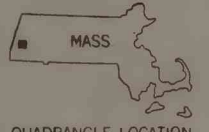
QUATERNARY

Maped, edited, and published by the Geological Survey
Control by USGS, USC&GS, Massachusetts Geodetic Survey,
and Massachusetts Harbor and Land Commission
Topography by planetable surveys 1944-1945. Revised 1958
Polyconic projection. 1927 North American datum
10,000-foot grid based on Massachusetts coordinate system,
mainland zone
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue



ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
Interstate Route	U.S. Route
	State Route



U.S. Geological Survey
GEOLOGICAL SURVEY
This report is preliminary and has
not been edited or reviewed for
accuracy by the Geological Survey
staff or contractors.