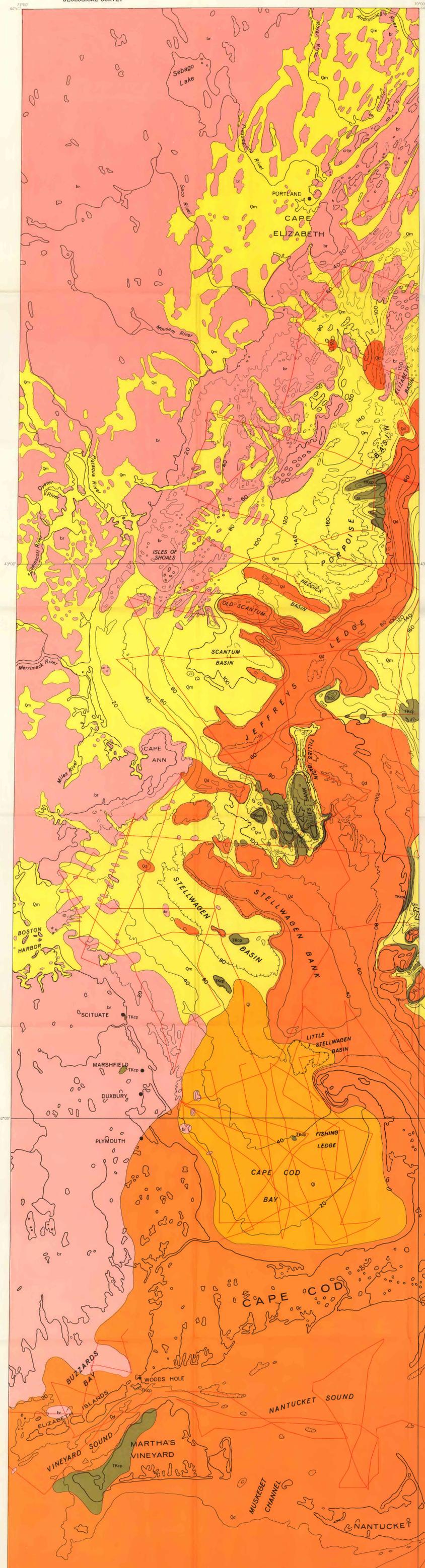


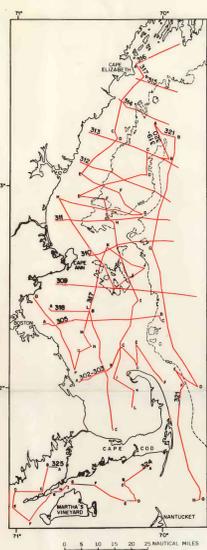
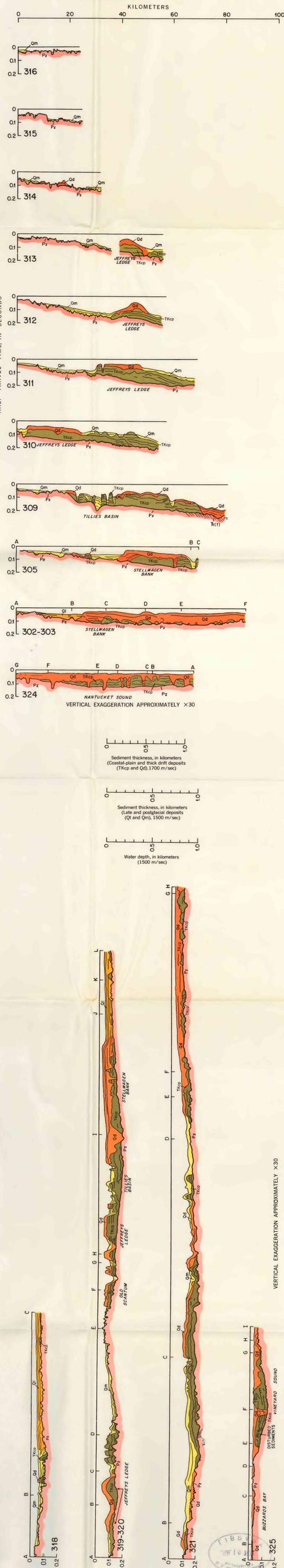
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EXPLANATION

- Qc** Cape Cod Bay deposits  
Inferred to be glaciolacustrine mud and sandy to gravelly mud of late Pleistocene age and marine mud of Holocene age.
  - Qm** Marine deposits  
Transient layer deposits offshore inferred to be glaciomarine and marine deposits of late Pleistocene and Holocene age. Mostly silt and clay. Locally contain lenses of sand and gravel. On land coastal of the Presumpscot Formation of Bloom (1960) in Maine and late glacial marine deposits in New Hampshire and northeastern Massachusetts.
  - Qd** Moraine deposits  
Offshore inferred to be till deposited directly by ice and ice-contact and outwash sediments deposited by melt-water streams from nearby ice. Probably include drift from more than one glaciation, may include some coastal plain and shelf deposits. Upper few meters reworked by marine processes or covered by a few meters of marine mud. On shore comprised of thick glacial drift south of Plymouth including the offshore islands. Locally include deposits of more than one glaciation.
  - TKcp** Coastal plain deposits  
Offshore inferred to be till deposited directly by ice, silt and sand of Cretaceous to early Pleistocene age. Mostly Tertiary(?) Where shown exposed, coastal plain deposits may be overlain by a veneer of drift or marine deposits. May include older glacial drift. On land consist of erosional remnants of coastal plain deposits of Late Cretaceous to early Pleistocene age. In western Martha's Vineyard include Upper Cretaceous and Tertiary sedimentary rocks incorporated in a glacial moraine by ice thrust (Kaye, 1964).
  - br** Bedrock (basement)  
Pre-Cretaceous igneous, metamorphic, and consolidated sedimentary rock. Offshore overlain in most places by a veneer of glacial debris or marine sediment too thin to be resolved by the seismic method used. On shore overlain discontinuously by glacial drift and marine and nonmarine deposits of Holocene age.
- In sections:  
Pz, mostly pre-Mesozoic crystalline rock, includes some sedimentary rock of late Paleozoic age and igneous rock of early Mesozoic age.  
T, sedimentary rocks of Triassic(?) age.
- Contact  
— Seismic-survey trackline

NOTE:  
Where shown exposed coastal-plain deposits and basement are mostly overlain by a veneer of drift and marine sediments. Drift adjacent to Cape Cod, in Nantucket and Vineyard Sounds, and in Buzzards Bay is probably overlain by a veneer of Holocene marine sediments.



GENERALIZED SURFICIAL GEOLOGIC MAP AND INTERPRETIVE GEOLOGIC SECTIONS OF SEISMIC PROFILES,  
WESTERN GULF OF MAINE AND SOUTHEASTERN MASSACHUSETTS OFFSHORE AREA