

**Geology Key**

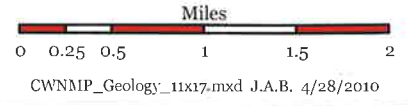
- af - Artificial Fill**  
Locally derived sand, gravel, and boulders.
- cb - Cranberry Bog**  
Freshwater marsh or swamp deposits capped with a top dressing of sand.
- Qd - Dune Deposits**  
Mostly sand derived from beach deposits, deposited by wind action to form dunes.
- Qf - Foredune Deposits**  
A ridge of wind deposited sand parallel to the shore.
- Qbd - Beach & Dune Deposits**  
Wind deposited sand in isolated dunes and beach deposits of sand, pebbles, and small boulders.
- Qb - Beach Deposits**  
Mostly sand with some gravel and widely scattered boulders, derived from glacial deposits by wave erosion, transported along the shore and deposited above sea level by waves and currents.
- Qbs - Storm Beach Deposits**  
Sand to small boulders in the bottom of storm sluices and as overwash fans. The sluice on the east end of Sandy Neck was probably cut by a major northeast storm.
- Qls - Lakeshore Deposits**  
Formed along the shores of ponds and lakes, consists of beaches of well sorted sand and gravel with lag deposits of cobble from the wave winnowing of glacial deposits.
- Qs - Marsh & Swamp Deposits**  
Mostly decaying marine marsh plants mixed varying amounts of sand, silt, and clay. Underlain by glacial, marine, or freshwater deposits, capped by live marine marsh plants.
- Qvf - Valley Floor Deposits**  
Sediments deposited in the floors of valleys (furrows) cut into the outwash plains.
- Qld - Delta Deposits**  
Gravelly sand and pebble with some silt and clay. Deposits were the result of a river system emptying into a proglacial lake which occupied the current area of Cape Cod Bay.
- Ql2 - Glacial Lake Deposits**  
Deposits associated with the proglacial lake in Cape Cod Bay. Mostly a discontinuous veneer of clay and silt over ice-contact deposits composed of gravelly sand, gravel, till, and large boulders.
- Qhw - Harwich Outwash Plain Deposits**  
Mostly gravelly sand, north of the Sandwich moraine ice-contact deposits of the outwash plain include till, silt, clay, and large boulders.
- Qsm - Sandwich Moraine Deposits**  
A veneer of sandy to silty till from 3 - 25 ft. thick underlain by stratified sand and gravel.
- Qmp - Mashpee Pitted-Plain Deposits**  
Mostly gravelly sand with some pebble and small boulders
- Qbo - Barnstable Outwash Plain Deposits**  
Mostly gravelly sand with some pebble and small boulders. North part of the deposits include some till, clayey silt, and large boulders. Some areas may be underlain by silt and clay.
- Qk - Kame Deposits**  
Mostly gravelly sand with some pebble and small boulder gravel, includes some scattered boulders.

- Fire District / Village Lines
- Major Roads
- Town Boundary
- Water Bodies

**TOWN OF BARNSTABLE MASSACHUSETTS**

Comprehensive Wastewater and Nutrient Management Plan

**Geology  
Figure 5-7**



**TOWN OF BARNSTABLE  
GEOGRAPHIC INFORMATION SYSTEMS UNIT**

FIGURE PREPARED FOR STEARNS & WHEELER GHD

Source: Geologic data was digitized from 1:24,000 scale 1974 & 1975 USGS Geologic Quadrangle Maps of Hyannis, Cotuit, & Sandwich.