

EXPLANATION

CONFORMATION OF SAND UNITS
Holocene
Quaternary
Pleistocene
Pre-Pleistocene

GLACIAL-FLUVIAL DEPOSITS (GLACIOLACUSTRINE)
(GLACIOLACUSTRINE)—Inferred to include sand, gravel, silt, clay, and boulders. Schematic complex; they can be inclined irregularly and may represent bedding or fill of a channel. They are deposited in low energy environments and may represent post-erosive penetration that may represent compact basal till or bedrock. They are deposited in low energy environments and may represent post-erosive penetration that may represent compact basal till or bedrock. They are deposited in low energy environments and may represent post-erosive penetration that may represent compact basal till or bedrock.

INDICATION OF NO DATA
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TRANSLATIONAL DEPOSITS (GLACIOLACUSTRINE AND ALLUVIAL)
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Table 1.—Radiocarbon age determinations of peat samples from Buzzards Bay, Massachusetts

Vibracore	Sample depth (meters)	Yield (grams dry weight)	Age (years B.P.)
1-1	11.4	11.4	7500 ± 200
1-2	11.4	11.4	7500 ± 200
1-3	17.1	17.1	7000 ± 200
1-4	20.9	20.9	6200 ± 200



A. GEOLOGY

EXPLANATION
Tide-line—Location of high-tide line
Schematic profile across Buzzards Bay
Position accurate to within 0.18 kilometers
(0.11 statistical miles). Field work done during
1967-68. Profile system employed an electroacoustic
between 100 and 400 Hz



B. TRACKLINES



Data showing elevations compiled from National Ocean Survey Chart 1230 (formerly 2 & 58) and 1208 (respectively). Not to be used for navigation.

Data contoured by Jenia's sketches from soundings on National Ocean Survey Chart 1230 (formerly 2 & 58) and 1208 (respectively). Contours in meters.



PRELIMINARY GEOLOGIC MAPS, BUZZARDS BAY, MASSACHUSETTS

By
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