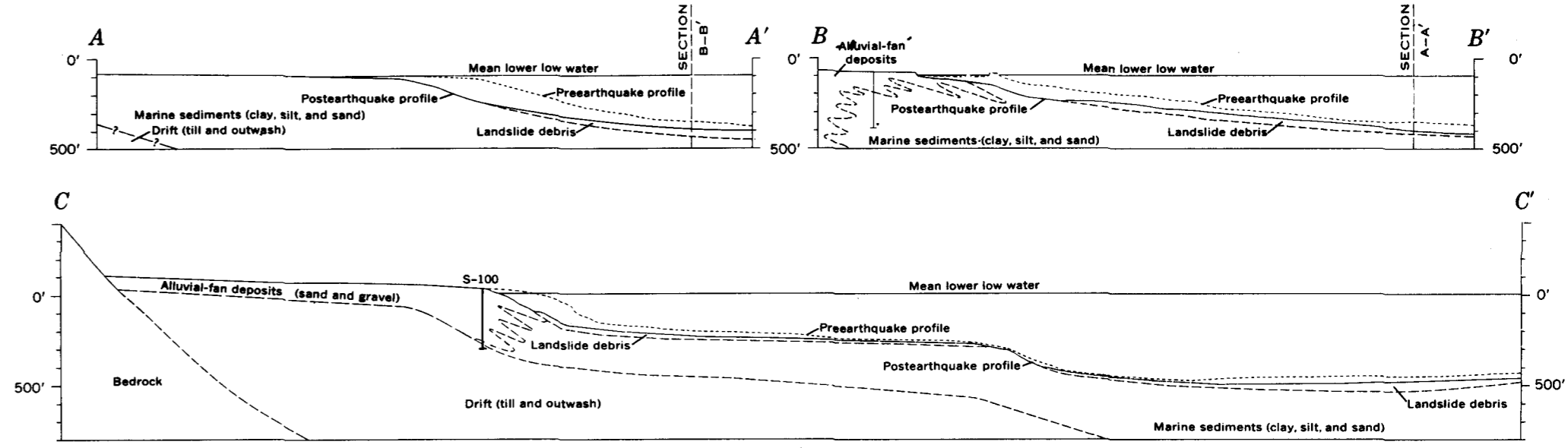


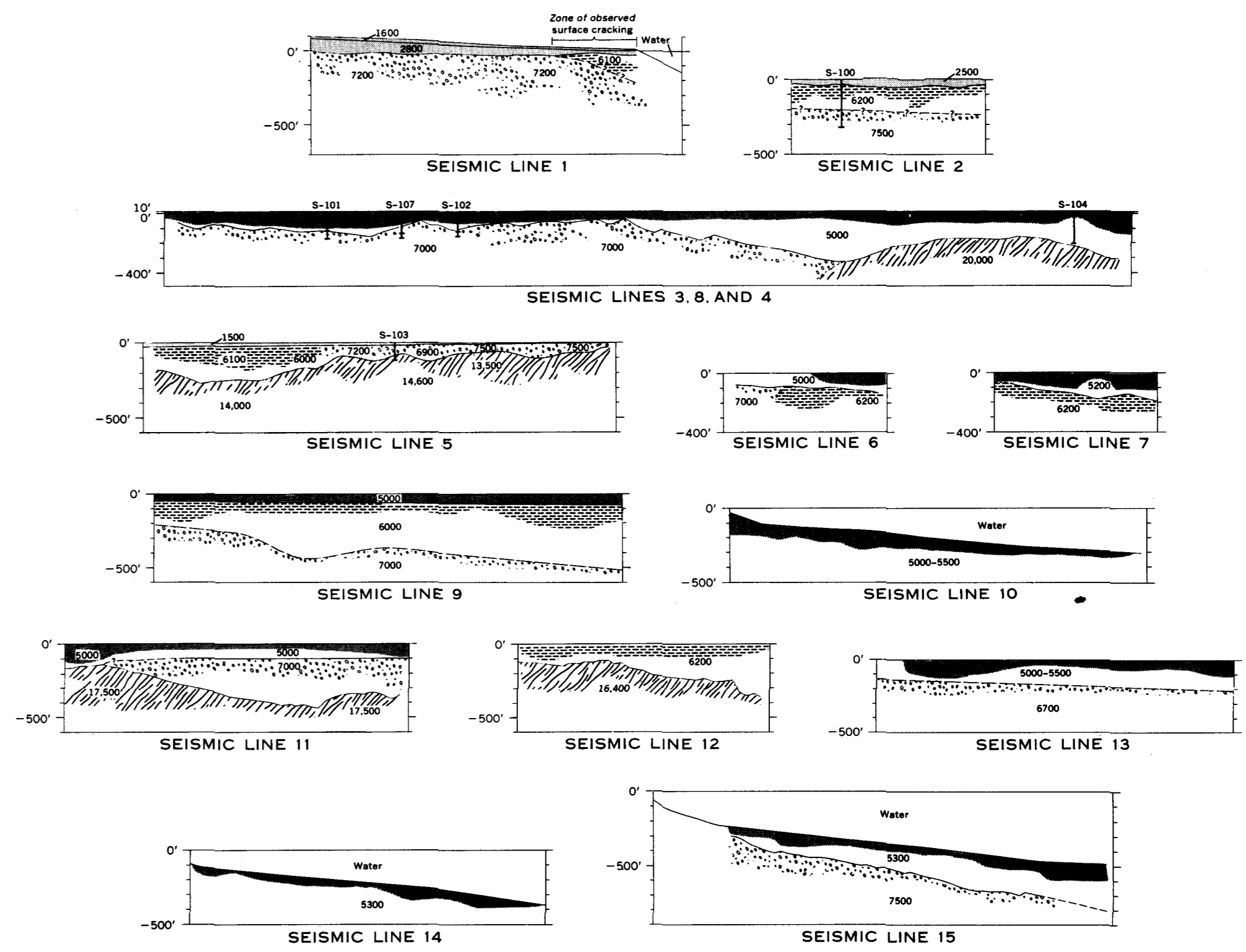
A. POSTEARTHQUAKE SHORELINE, BATHYMETRIC CONTOURS, AND RECONSTRUCTED HARBOR FACILITIES

**EXPLANATION**

- S-105 Drill hole
- Churn drill or rotary
- WB-34 Wash boring
- A—A' Line of cross section
- SL-9 Line of seismic profile
- TP-3 Test pit
- Bathymetric contours, after earthquake of March 27, 1964
- Datum is lower low water; contour interval 20 feet
- ▨ Dredged fill
- Channel of Lowell Creek as of 1919, now covered by artificial fill



B. SECTIONS A-A', B-B', AND C-C'



C. SEISMIC PROFILES

**EXPLANATION**

- 5300 Seismic velocity, in feet per second
- ▨ Loose surficial material and artificial fill, 1500-2800
- ▨ Postglacial fluvial sediments or disturbed compact glacial sediments, 6000-6300
- ▨ Compact glacial sediments, 6700-7500
- ▨ Recent alluvial and soft marine sediments, 5000-5500
- ▨ Bedrock
- ▨ Low-grade metamorphic rocks, including graywacke and phyllite, 13,500-20,000
- S-101 Drill hole
- Churn drill or rotary

Note: Seismic profiles are taken from Shannon and Wilson, Inc., (1964) with modifications in scale and format. Profiles of the ground surface are based on seismic data and do not conform with hydrographic contours shown on the map. Datum is lower low water. Lines of seismic profiles 5, 11, and 12 are shown on the Geologic map of Seward area.

Map, reconstructed harbor facilities, and bathymetric contours to depth of 260 feet immediately adjacent to Seward waterfront taken from preliminary maps of the U.S. Army Corps of Engineers with modifications and additions by the author. Remainder of bathymetric contours drawn by author and based upon postearthquake soundings (April 13-14, 1964) taken from field sheet of the U.S. Coast and Geodetic Survey.

**MAP, SECTIONS, AND SEISMIC PROFILES OF SEWARD AND VICINITY, ALASKA**

