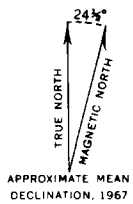
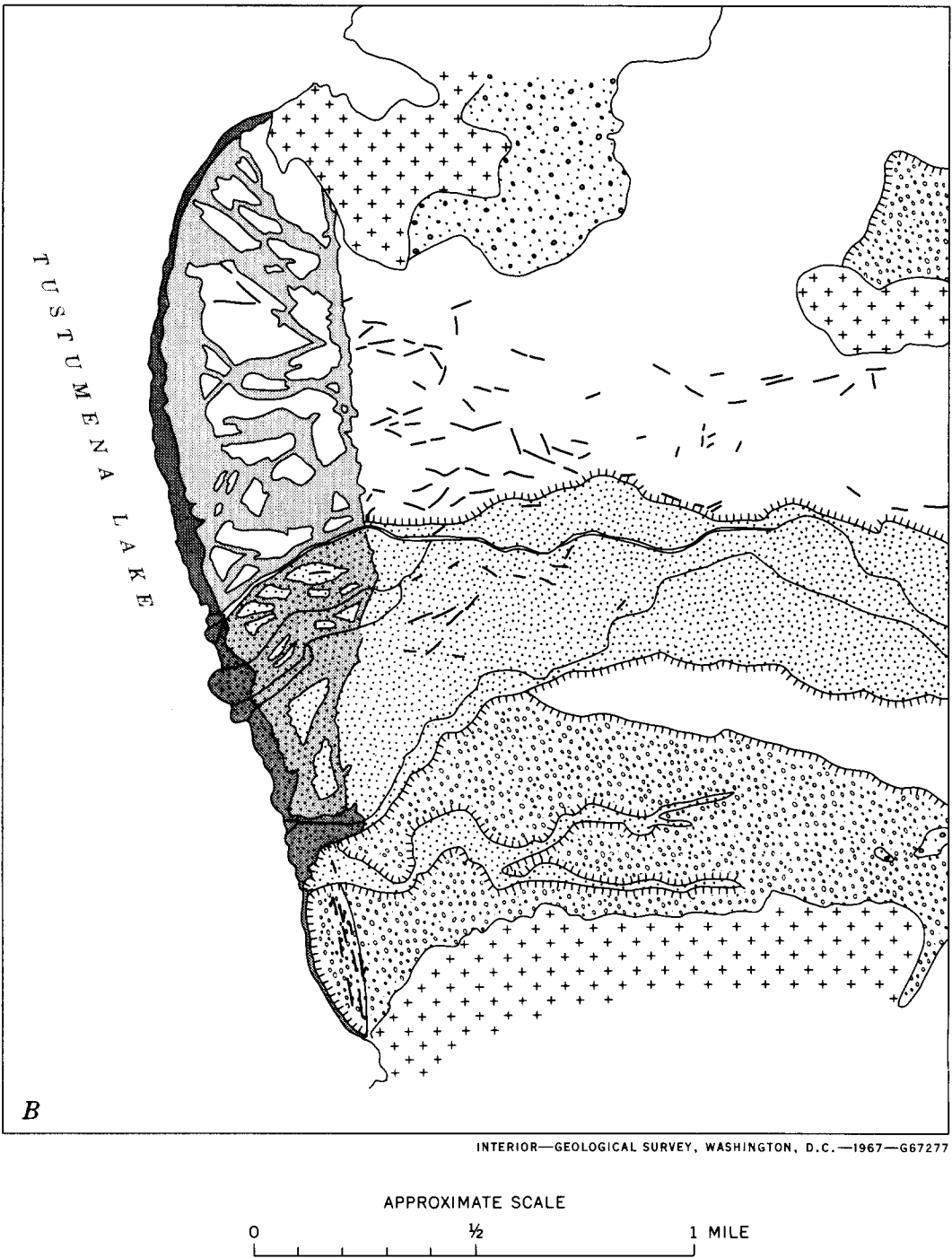


Base from U.S. Geological Survey
topographic quadrangle, 1951



MAPS OF DISRUPTION ON OUTWASH DELTA OF TUSTUMENA LAKE, ALASKA



- EXPLANATION**
- Alluvium and beach deposits
Sand, gravel, and silt
 - Glacial outwash deposits
Sand and gravel
 - Fan delta deposits
Sand and gravel
(Shown only on A)
 - Terrace deposits
Organic silt 8-12 inches thick over sand and gravel
 - Morainal deposits
 - Bedrock
 - Contact
 - Cracks produced by earthquake
Barb shows direction of displacement along some cracks on terrace
 - Margin of higher ground
(Shown only on B)
 - Area where snow was removed by sloshing of lake water after earthquake
 - Area covered with sand and gravel resulting from ground-water eruptions along fissures during the earthquake
(Shown only on B)

A
Letter indicates location of photograph

Enlargement (B) shows outwash delta front as sketched from aerial photographs taken a few days after the earthquake. (See fig. 16)
Location of Tustumena delta can be seen on plate 1