UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 542-G
PLATE 1

EXPLANATION

MAP UNITS

Large areas of relatively thick unconsolidated deposits — QUATERNARY

Not felt

Felt; little or no effect

Cracked ice

Fissured ground

Landslides and avalanches

Wells affected

Earthquake effects

Arrows indicate principal direction of ground movement. Number is reported duration of movement, in minutes

A — A — Approximate felt limit; long-dashed where inferred

B ····· B — Approximate limit of fissured ground and cracked ice; dotted where inferred

C — — — C — Approximate limit of landslides and avalanches

D ····· D — Approximate limit of property damage from seismic vibrations; dashed and dotted where inferred

Kenai — Community discussed in this chapter

MAP SHOWING DISTRIBUTION AND NATURE OF VIBRATION-INDUCED DAMAGE RESULTING FROM THE 1964 ALASKA EARTHQUAKE

Communities referred to in this report are shown here and on plate 2.

Base by U.S. Geological Survey

SCALE 1:2 500 000

DATUM IS MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1969—548197
Data compiled from all available sources, 1964-65