ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

REPORT OF INVESTIGATION 2010-1A
Nikolsky and Suleimani, 2018
SHEET 1 OF 1
Explanatory text accompanies map

149°25'W
149°20'W
60°8'20"N
60°6'15"N
60°4'10"N

Resurrection Bay

Maximum Potential Subsidence
1.1 m (3.6 ft) - based on Scenario 2

Maximum estimated inundation extent from all scenarios

Post-earthquake shoreline corresponding to the Mean Higher High Water (MHHW) level after ground subsidence

POTENTIAL MAXIMUM PERMANENT FLOODING, SEWARD, ALASKA

by

D.J. Nicolsky[1] and E.N. Suleimani[1]

2018

SCALE 1:21000

0 0.25 0.5 1 1.5 2 MILES

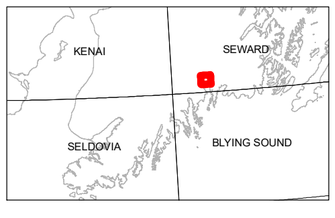
0 0.25 0.5 1 1.5 2 2.5 3 KILOMETERS

0 500 1000 2000 3000 4000 5000 6000 FEET

N



MAP LOCATION



Location of Map Area

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Base map from:
Fixed wing imagery (2012)
Kenai Peninsula Borough
Projection:
Alaska State Plane Zone 4 (feet)
Datum:
North American Datum of 1983
Cartography by:
L. Gardine[1] (2018)
Cartographic review by:
P. Gallagher[2] (2018)
Review by:
D. Stevens[2] (2018)