ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS



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59°36'N

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS 3354 College Road ♦ Fairbanks, Alaska 99709-3707 Phone 907-451-5010 Fax 907-451-5050 email: dggspubs@alaska.gov website: dggs.alaska.gov

ALASKA EARTHQUAKE ALASKA FATRBANKS



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This map has been completed using the best information available and is believed to be accurate; however, its preparation required many assumptions. Actual conditions during a tsunami may vary from those assumed, so the accuracy cannot be guaranteed. Areas inundated will depend on specifics of the earthquake, any earthquake-triggered landslides, on-land construction, tide level, local ground subsidence, and may differ from the areas shown on the map. Information on this map is intended to permit state and local agencies to plan emergency evacuation and tsunami response actions. The map is not appropriate for site-specific use or for land-use regulation. Interpretation of the tsunami inundation map(s) by qualified experts is strongly recommended.

0.125

HHHH

0

151°30'W

151°30'W

MAXIMUM ESTIMATED TSUNAMI INUNDATION, HOMER SPIT, ALASKA

E.N. Suleimani¹, D.J. Nicolsky¹, and J.B. Salisbury² 201 SCALE [·] 0.25 0.5 0 0.125 0.25 0.5 0.75 нннн 0 300 600 1200 1800 2400



LAKE CLARK	KENAI	SEWARD
LIAMNA	SELDOVIA	BLYING SOUND
A S	FOGNAK ?? %	

Location of Map Area

REPORT OF INVESTIGATION 2018-5 SHEET 3 OF 4 Explanatory text accompanies map

151°25'W



18	
:12500	

1:12500						
0.75		1		1.2	25	1.5 MILES
1	1.25		1.5	1.75	2	2 KILOMETERS
3000	3600	4200	4800	5400	6000 FI	EET

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Cartographic review by:

Base map from:

Cartography by:

Projection:

Datum:

GeoNorth Best Data Layer

Álaska State Plane Zone 4 (feet)

North American Datum of 1983

151°25'W