EXPLANATION

Modified from description developed by E. L. Long and G. H. Greeley (H. W. Holliday, written commun., 1975).

Zone	Possible max. damage to structures	Magnitude[1] of largest probable earthquake
2	Moderate	Less than 6.0
3	Major	6.0 or more
[2]4	Major to very severe	6.0 or more

[1]Largest instrumented earthquakes of the world have had magnitudes of 8.9 (Richter, 1958).

[2]Zone characterized by (1) frequent earthquakes of long duration, (2) extensive faults, some of which are active, and (3) areas with thick surficial deposits which tend to increase ground shaking and which in many places are susceptible to liquefaction.

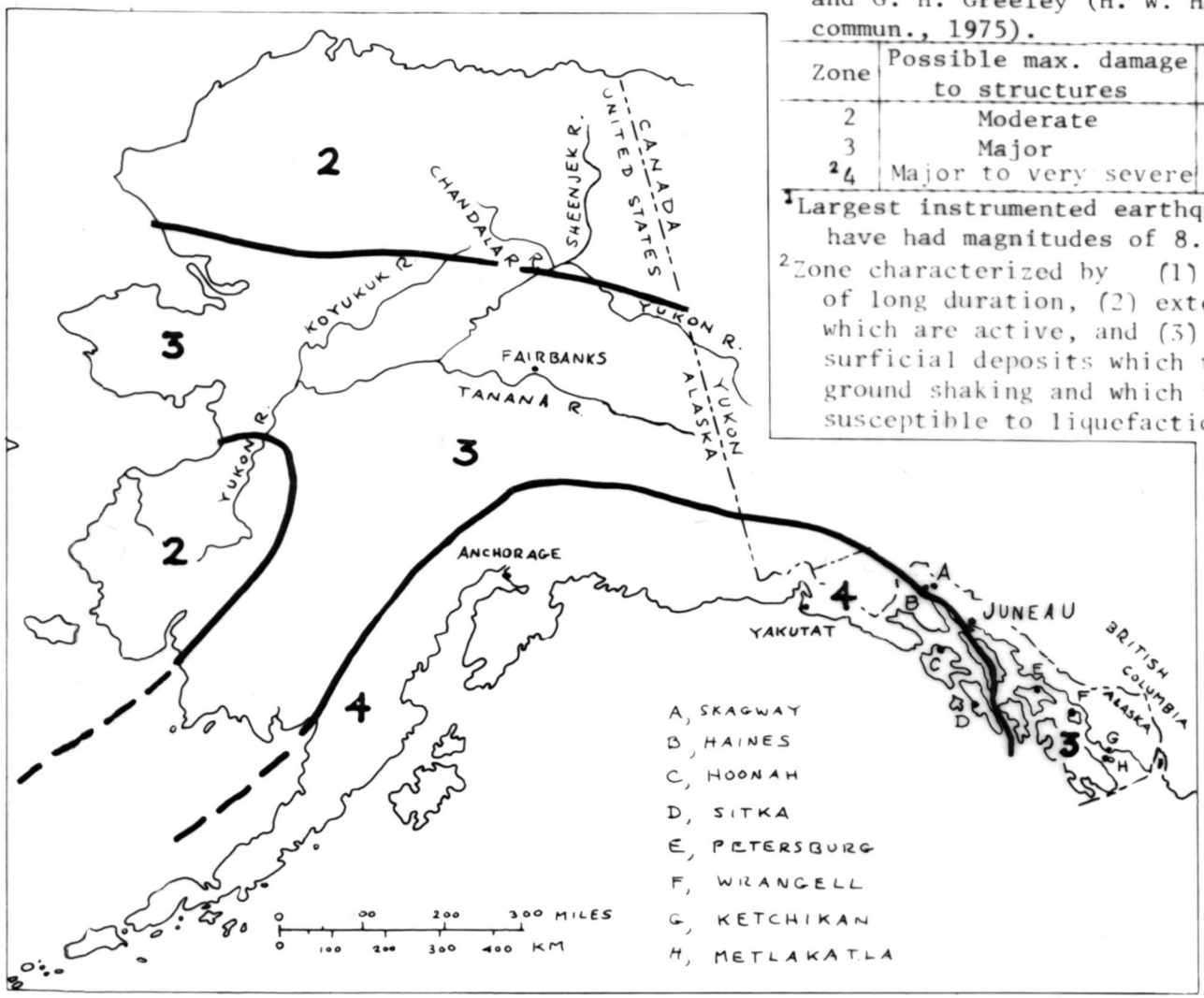

Figure 9.--Suggested preliminary seismic risk map of Alaska provided by U.S. Army Corps of Engineers, Alaska District.