

DEPARTMENT OF THE INTERIOR

GEOLOGIC MAP OF THE FAIRBANKS D-2 NW QUADRANGLE, ALASKA

continued growth of the now-dormant buried ice During Quaternary time, probably mainly from Illinoian to the present, the sedimentary fill of the Tanana Valley was modified by alternating periods of erosion and deposition with the formation and destruction of permafrost. This sedimentary fill was named the Chena Alluvium (Péwé, 1975b); informa-

To provide a background to people concerned

Information on foundation problems in certain

of July 22, 1937: Seismol. Soc. America Bull., v. Burton, Wayne, 1971, Alaska's agriculture, an analysis of developmental problems, Fairbanks, Alaska: University of Alaska, Institute of Social, Economic, and Government Research, ISEGR Chapman, R. M., and Foster, H. L., 1969, Lode mines

Alaska, earthquakes of June 21, 1967: Washington, U. S. Department of Commerce, Environmental Science Services Administration, 60 p.

ground and related engineering problems: U.S. Engineers Office, Strategic Eng. Study Spec Rept. 62, 2d ed. (also published by Edwards Quaternary history of the Fairbanks area,

1954, Effect of permafrost on cultivated fields, Fairbanks area, Alaska: U. S. Geol. Survey 1955a, Origin of the upland silt near Fair-

banks, Alaska: Geol. Soc. America Bull., v. 66, p. 1955b, Basalt near Fairbanks, Alaska:

_ 1958, Geologic map of the Fairbanks D-2 quadrangle, Alaska: U. S. Geol. Survey Geol. 1966, Permafrost and its effect on life in

1975a, Quaternary geology of Alaska: U.S. 1975 b, Quaternary stratigraphic nomen-

tribution of permafrost in the Fairbanks D-2 NW quadrangle, Alaska: U. S. Geol. Survey Misc. 1975 b, Map showing ground-water con-

1975 c, Map showing construction mate-

tions in the Fairbanks D-2 NW quadrangle, Alaska: U.S. Geol. Survey Misc. Field Studies Map of piles with an example from the Fairbanks area, Alaska: U. S. Geol. Survey Bull. 1111-I, p.

scription of the Fairbanks district, in Prindle, L. M., A geologic reconnaissance of the Fairbanks quadrangle, Alaska: U. S. Geol. Survey