



Thomas D. Hamilton

1936–

Tom Hamilton taught engineering geology, environmental, Quaternary, and periglacial geology courses, and mentored University of Alaska students from 1966 through 1974.

He contributed geochronological data for several important sites from northwest to Southeast Alaska. He was a consultant for the trans-Alaska oil pipeline, and his numerous geologic reports include a detailed surficial geologic map of the Dalton Highway corridor. In 1974, Tom began his 20-year-long career with the U.S. Geological Survey career where he produced detailed 1:250,000-scale surficial geologic maps for an impressive thirteen quadrangles in the central and western Brooks Range. He recognized little-known arctic-alpine phenomena, including active debris flows, slushflow features, and relict glacial ice preserved in permafrost since the last glaciation. Tom authoritatively summarized the Quaternary stratigraphy, glacial chronologies, and environmental changes across Alaska.

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