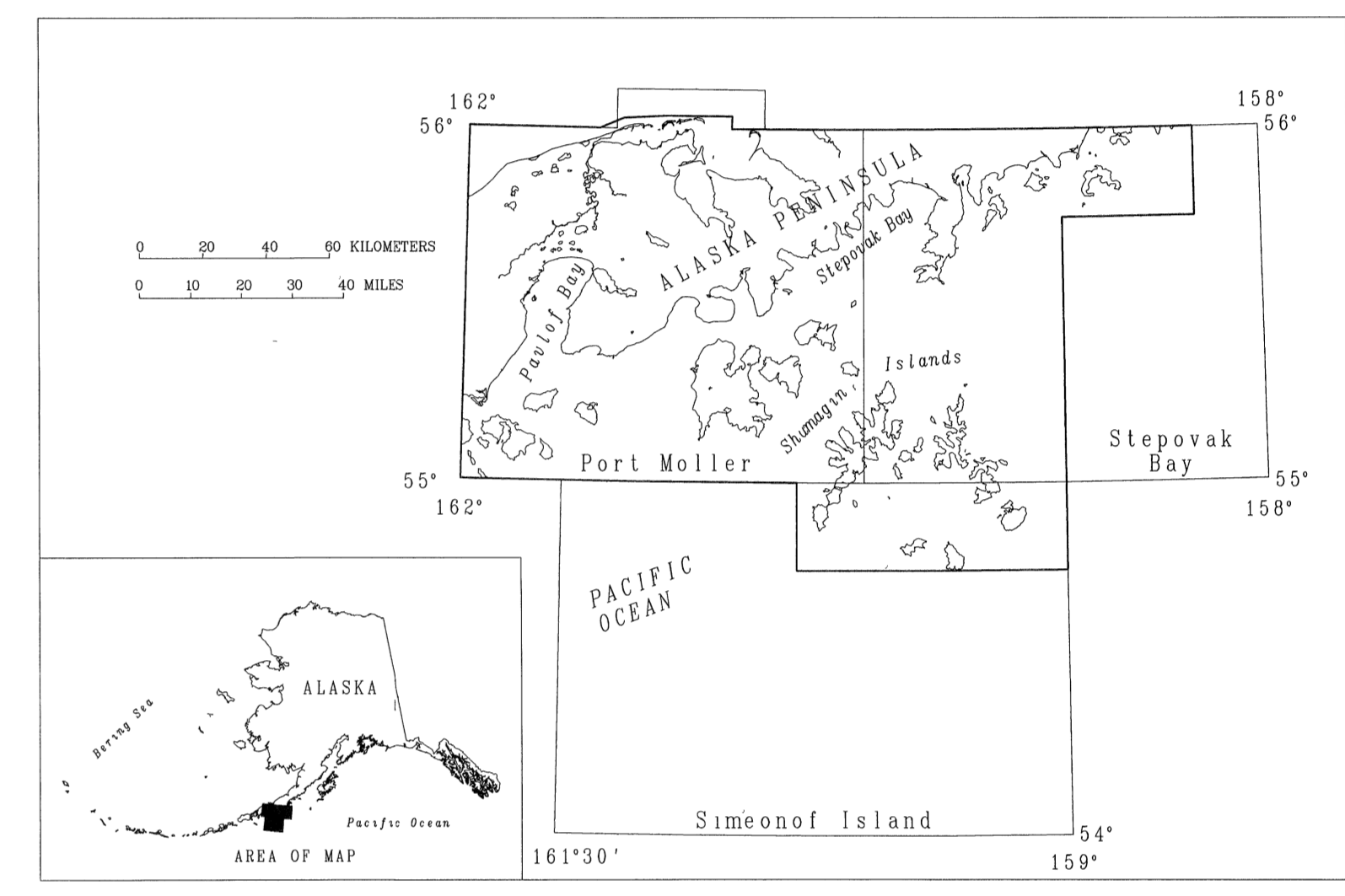


GE 75
B 9
NO. 1968 dup.



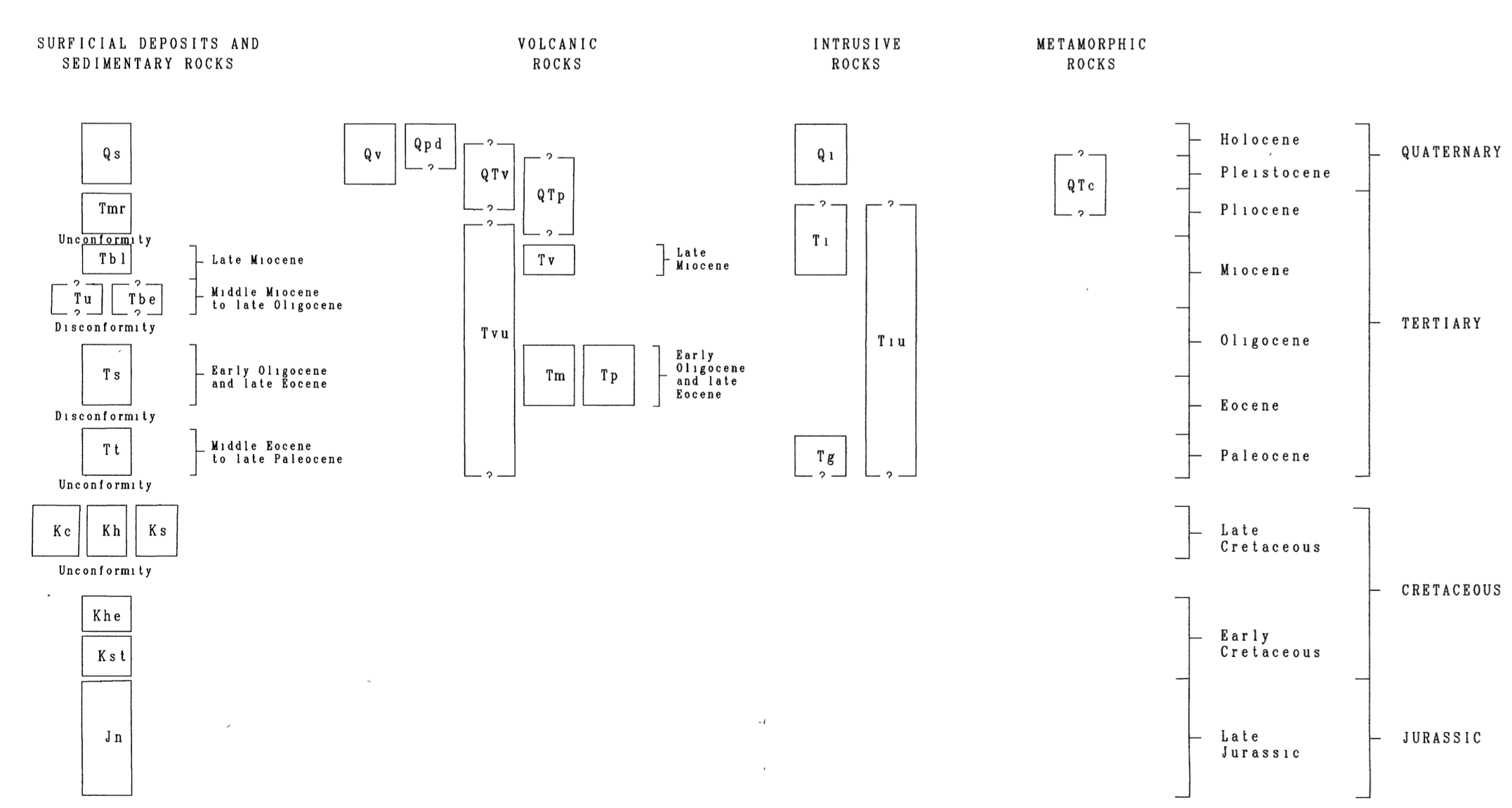
Geology mapped by L.M. Angilox, 1933-35; J.E. Case, 1937-38; 1939-40; C.I. Corcoran, 1942; John Dicker, 1945; R.L. Detterman, 1947-48; 1949-50; C.J. Dubois, 1948; R.M. Gamba, 1949-50; Stephen Zumberg, 1948; Louis Marincovich, Jr., 1952; 1954; J.W. Miller, 1952-53; M.A. Penland, 1952; Rose Shev, 1952; F.H. Wilson, 1953-55; F.H. Wilson, 1977-78; 1982-85; M.E. Youst, 1977-78; 1982-85.



INDEX MAP SHOWING PORT MOLLER, STEPOVAK BAY, AND SIMEONOF ISLAND 1:250,000-SCALE QUADRANGLES AND STUDY AREA, ALASKA PENINSULA

Start from U.S. Geological Survey
Port Moller, 1953 (revised 1988)
Simeonof Island, 1953 (revised 1988)
Stepovak Bay, 1953 (revised 1988)
Universal Transverse Mercator projection, zone 4

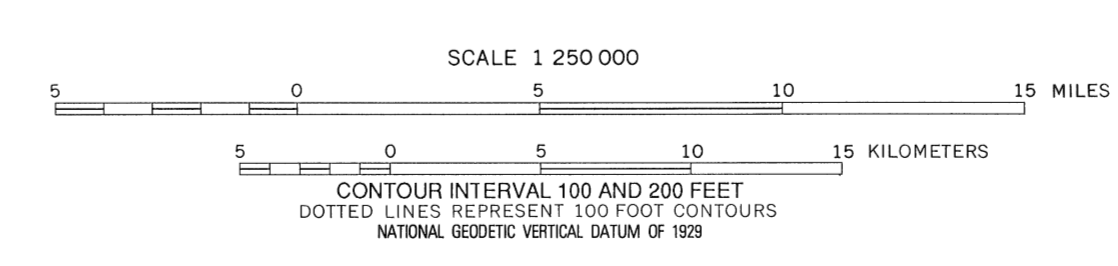
CORRELATION OF MAP UNITS



LIST OF MAP UNITS

- Qs Surficial deposits (Holocene and Pleistocene)
- Qv Volcanic rocks (Holocene and Pleistocene)
- Qd Younger intrusive rocks, undivided (Holocene and Pleistocene)
- Qpd Pynoclastic and debris-flow deposits (Holocene and late Pleistocene?)
- QTC Contact metamorphosed rocks (early Quaternary or late Tertiary)
- QTV Volcanic rocks, undivided (Quaternary and Pliocene?)
- QTP Pynoclastic deposits (Pleistocene? and Pliocene)
- Tmr Milky River Formation (Pliocene)
- Ti Older intrusive rocks, undivided (Pliocene and late Miocene)
- Tbl Bear Lake Formation (late Miocene)
- Tv Volcanic rocks (late Miocene)
- Tu Unga Formation (middle Miocene to late Oligocene)
- Tbe Bekofka Formation (middle and early Miocene? and late Oligocene?)
- Ts Stepovak Formation (early Oligocene and late Eocene)
- Tm Melik Volcanics (early Oligocene and late Eocene)
- Tp Popof volcanic rocks (early Oligocene and late Eocene)
- Tl Tolke Formations (middle Eocene and late Paleocene)
- Tg Granitic rocks (Paleocene)
- Tvu Volcanic rocks, undivided (Tertiary)
- Tu Intrusive rocks, undivided (Tertiary)
- Kc Chugrik Formation (Late Cretaceous)
- Kh Hoodoo Formation (Late Cretaceous)
- Ks Shumagin Formation (Late Cretaceous)
- Kbe Hemenden Formation (Early Cretaceous)
- Kel Stensikovich Formation (Early Cretaceous)
- Jn Natsirik Formation (Late Jurassic)

- Contact— Dashed where approximately located
- - - Fault— Dashed where approximately located, dotted where concealed
- >— Thrust fault— Sawtooth on upper plate, dashed where approximately located
- Volcanic crater



GENERALIZED GEOLOGIC MAP OF THE PORT MOLLER, STEPOVAK BAY, AND SIMEONOF ISLAND QUADRANGLES, ALASKA PENINSULA, ALASKA

By
Frederic H. Wilson, Robert L. Detterman, and Ellen E. Harris
1992