



EXPLANATION

- Qal Alluvium
- Qt Terrace gravels
- Dike, showing dip
Principally lamprophyre dashed where inferred,
- Dike, showing dip
Principally rhyolite, rhyolite porphyry, and granite. Dashed where inferred.
- Kg Granite
- Kg, medium-grained biotite granite
- Kgf, fine-grained biotite granite
- Kgg, partly gneissized biotite granite that contains cassiterite and many sulfide minerals including pyrite, arsenopyrite, marmatite, stannite, molybdenite and galena
- Kgi, area with heavy cover of granite rubble, probably underlain by granite
- Old Limestone
- Old, principally medium to thick-bedded gray limestone, near granite recrystallized to coarse-grained marble
- Olb, interbedded medium to thick-bedded or massive light brownish-gray limestone and subordinate thin-bedded limestone
- Olam Limestone and argillaceous limestone
- Ola Argillaceous limestone, very thin-bedded
- Fluorite-beryllium veins, locally with tin minerals
- Dashed where present as heavy, linear runs of float near outcrops; parallel lines where inferred from linear runs of float; disoriented lines where present as scattered float of veinlets similar to those exposed in nearby trenches
- Tactite
- Includes massive garnet-rich tactite in large masses, thin, discontinuous magnetite-fluorite-hornblende "ribbon rock"; and thin, relatively continuous garnet-tactite veins that contain sulfide minerals
- Clay alteration
- Dolomite breccia
- Contact
- Dashed where gradational or approximately located
- Fault
- Contact or thrust fault, queried where approximately located
- Strike and dip of beds
- Strike and dip of joints
- Adit
- Pit
- Trench
- Triangulation station, flag or cairn as marked
- Sample of stream sediment or alluvium
- Showing beryllium content in parts per million
- Contour line

FIGURE 40 GEOLOGIC MAP OF THE TIN AND BERYLLIUM DEPOSITS ON TIN CREEK, WESTERN SEWARD PENINSULA, ALASKA

0 400 800 FEET
Datum is mean sea level
Contour interval 50 feet

U.S. Geological Survey
OPEN FILE MAP
This map is preliminary and has not been edited or reviewed for accuracy with Geological Survey maps.

Base from plane table survey

Geology by C. L. Salsbury and Thomas E. Smith, 1962