



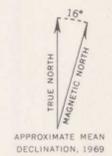
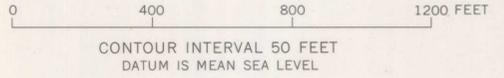
EXPLANATION

<p>QUATERNARY</p> <p>CRETACEOUS OR TERTIARY (?)</p> <p>CRETACEOUS</p> <p>ORDOVICIAN</p>	<p>Qal Alluvium</p> <p>Ot Terrace gravel</p> <p>TKI Dike, showing dip Principally lamprophyre</p> <p>TKr Dike, showing dip Principally rhyolite, rhyolite porphyry, and granite</p> <p>Kg Granite</p> <p>Kgf Granite</p> <p>Kgg Granite</p> <p>Kgi Granite</p> <p>Old Limestone</p> <p>Olb Limestone</p> <p>Olam Limestone and argillaceous limestone</p> <p>Ola Argillaceous limestone</p> <p>T Fluorite-beryllium veins</p> <p>T Tactite and skarn</p> <p>Altered rock with clay minerals</p> <p>Dolomite breccia</p> <p>Contact</p> <p>Contact or thrust fault</p> <p>Fault</p> <p>Anticline</p> <p>Strike and dip of beds</p> <p>Strike and dip of joints</p> <p>Sample of stream sediment or alluvium</p> <p>Adit Pit Trench</p> <p>Triangulation station</p> <p>Topographic contours</p>
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Old, principally medium- to thick-bedded gray limestone; recrystallized near granite to coarse-grained marble
Olb, interbedded medium- to thick-bedded or massive light-brownish-gray limestone and subordinate thin-bedded limestone
Very thin bedded
Locally containing tin minerals. Dashed where present as heavy linear runs of float near outcrops; parallel lines where inferred from linear runs of float; dis-oriented lines where present as scattered float of veinlets similar to those exposed in nearby trenches
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 as well as tin
Dashed where gradational or approximately located. Queried where inferred. Dikes dashed where inferred
Dashed where approximately located or inferred
Dashed where approximately located
Showing direction of plunge

Base from planetable survey by C. L. Sainsbury and T. E. Smith, 1962

Geology by C. L. Sainsbury and T. E. Smith, 1962



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