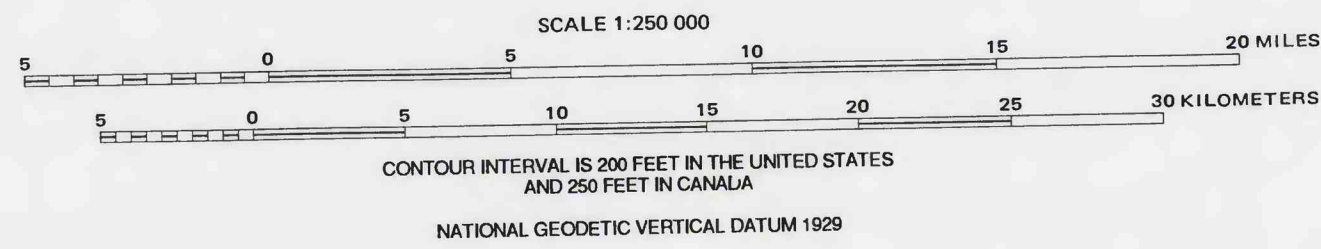


Base from U.S. Geological Survey, Port Alexander, Sitka, 1951; Petersburg, 1950; Seward, 1961 Universal Transverse Mercator projection

Geology generalized from Brew and others (1984) Manuscript approved for publication, September 28, 1989

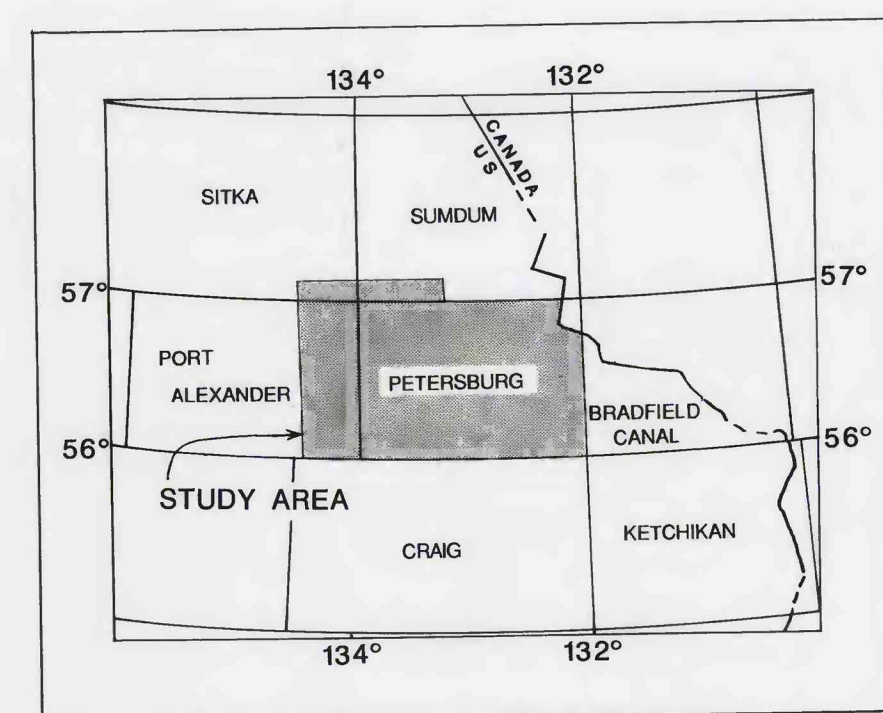


1989 APPROXIMATE MAGNETIC DECLINATION AT SOUTH EDGE OF SHEET VARIES FROM 26° TO 26°30' EAST



EXPLANATION

- Bedrock geochemical group—See text, page 6**
- ur Miscellaneous unmineralized rocks and Quaternary deposits, undivided
 - Czf Felsic igneous rocks (Cenozoic)
 - ig Intermediate-composition igneous rocks (Cenozoic and Mesozoic)
 - Czv Mafic volcanic rocks (Cenozoic)
 - um Ultramafic rocks (Cretaceous)
 - sg Schist and gneiss of the Coast plutonic-metamorphic complex of Brew and Ford (1984)
 - Mzsv Sedimentary and volcanic rocks (Mesozoic)
 - Mzc Carbonate rocks (Mesozoic)
 - Mzf Felsic volcanic rocks (Mesozoic)
 - Trv Mafic volcanic rocks (Triassic)
 - Pzc Carbonate rocks (Paleozoic)
 - Pzsv Sedimentary and volcanic rocks (Paleozoic)
- Contact
- Group 12
 - Group 11
 - Group 10
 - Group 9
 - Group 8
 - Group 7
 - Group 6
 - Group 5
 - Group 4
 - Group 3
 - Group 2
 - Group 1



GEOLOGY

MAPS AND PRELIMINARY INTERPRETATION OF ANOMALOUS ROCK GEOCHEMICAL DATA FROM THE PETERSBURG QUADRANGLE AND PARTS OF THE PORT ALEXANDER, SITKA, AND SUNDUM QUADRANGLES, SOUTHEASTERN ALASKA

By
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 1990