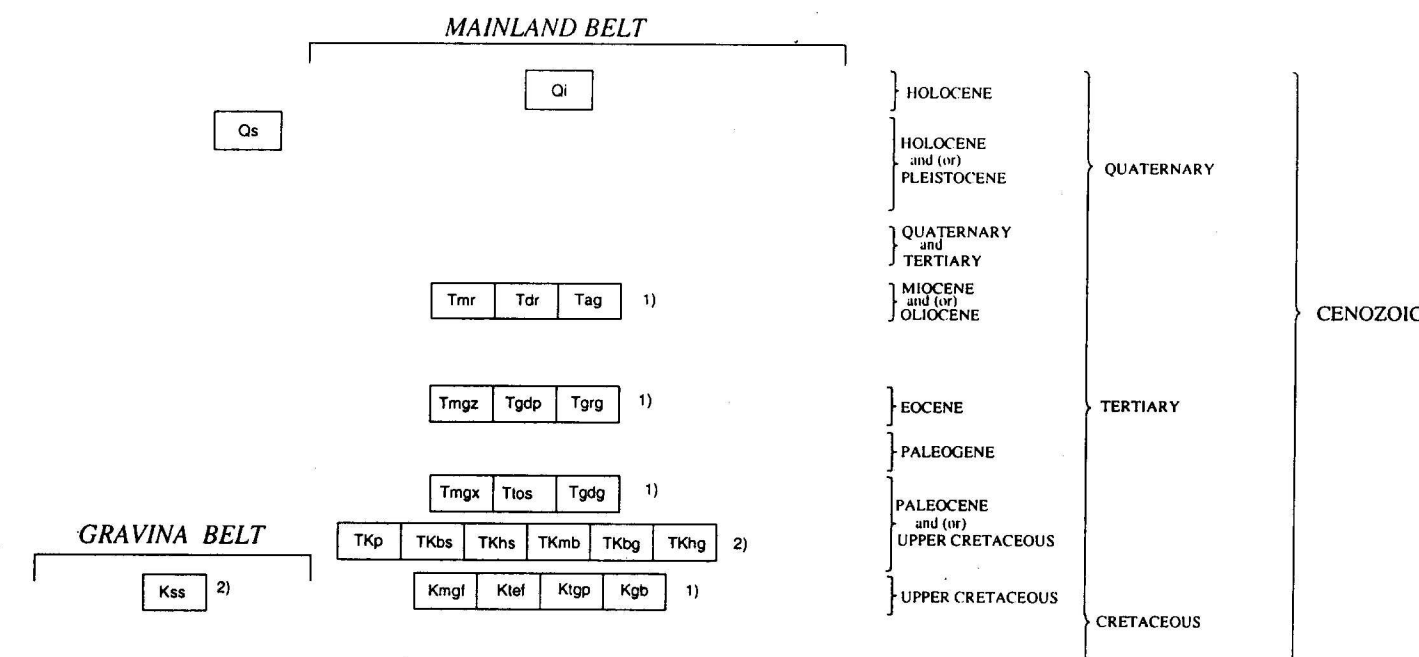


CORRELATION OF MAP UNITS IN THE PETERSBURG C-1 QUADRANGLE
(SEE INDEX MAP FOR LOCATION OF BELTS)



NOTES:
1. AGE OF EMPLACEMENT
2. AGE OF METAMORPHISM

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the U.S.G.S.

BRIEF DESCRIPTION OF MAP UNITS IN THE PETERSBURG C-1 QUADRANGLE

- Qs SURFICIAL DEPOSITS (Holocene and/or Pleistocene)—Alluvium, colluvium, tidal mudflat deposits, and some glaciofluvial deposits.
- Qi GLACIAL ICE AND PERMANENT SNOWFIELDS (Holocene)
- INTRUSIVE ROCKS OF BEHM CANAL PLUTONIC BELT (Miocene and/or Oligocene)
 - Tdr Rhyolite and Related Rocks
 - Tmr Foliated Rhyolite and Related Rocks
 - Tag Chlorite Granite
- GRANODIORITE OF CENTRAL COAST METAMORPHIC-PLUTONIC COMPLEX AND ASSOCIATED MIGMATITES (Eocene)
 - Tmgz Migmatite Consisting of Schist, Gneiss, Tonalite, and Granodiorite Invaded by Biotite Granodiorite
 - Tgdp Porphyritic Biotite-Hornblende Granodiorite
 - Tgrg Gneissic Biotite Granite and Granodiorite
- INTRUSIVE ROCKS OF THE GREAT TONALITE SILL BELT AND ASSOCIATED MIGMATITE (Upper Cretaceous and/or Paleocene)
 - Tmgx Migmatite Consisting of Schist and Gneiss Invaded by Tonalite
 - Ttos Biotite-Hornblende and Hornblende-Biotite Tonalite, Quartz Diorite, and Minor Granodiorite
 - Tgqj Gneissic Biotite Granodiorite and Quartz Monzoniorite
- METAMORPHIC ROCKS OF COAST MOUNTAINS COMPLEX (Upper Cretaceous and/or Paleocene)
 - TKp Phyllite
 - TKbs Biotite Schist
 - TKhs Hornblende Schist and Semischist
 - TKmb Marble and Calc-Silicate Granofels
 - TKbg Biotite Gneiss
 - TKhg Hornblende Gneiss
- INTRUSIVE ROCKS OF ADMIRALTY-REVILLAGEDO PLUTONIC BELT AND ASSOCIATED MIGMATITE (Upper Cretaceous)
 - Kmgf Migmatite
 - Ktef Hornblende-Biotite Tonalite and Granodiorite, Quartz Monzoniorite, and Quartz Diorite
 - Ktgp Biotite Tonalite, Quartz Diorite, and Granodiorite
 - Kgb Metagabbro
- METAMORPHOSED STEPHENS PASSAGE GROUP ROCKS (Upper Cretaceous)
 - Kss Schist and Hornfels
- Kaa

MAINLAND BELT AND GRAVINA BELT
INTRUSIVE ROCKS OF ADMIRALTY-REVILLAGEDO PLUTONIC BELT AND ASSOCIATED MIGMATITE (Upper Cretaceous)

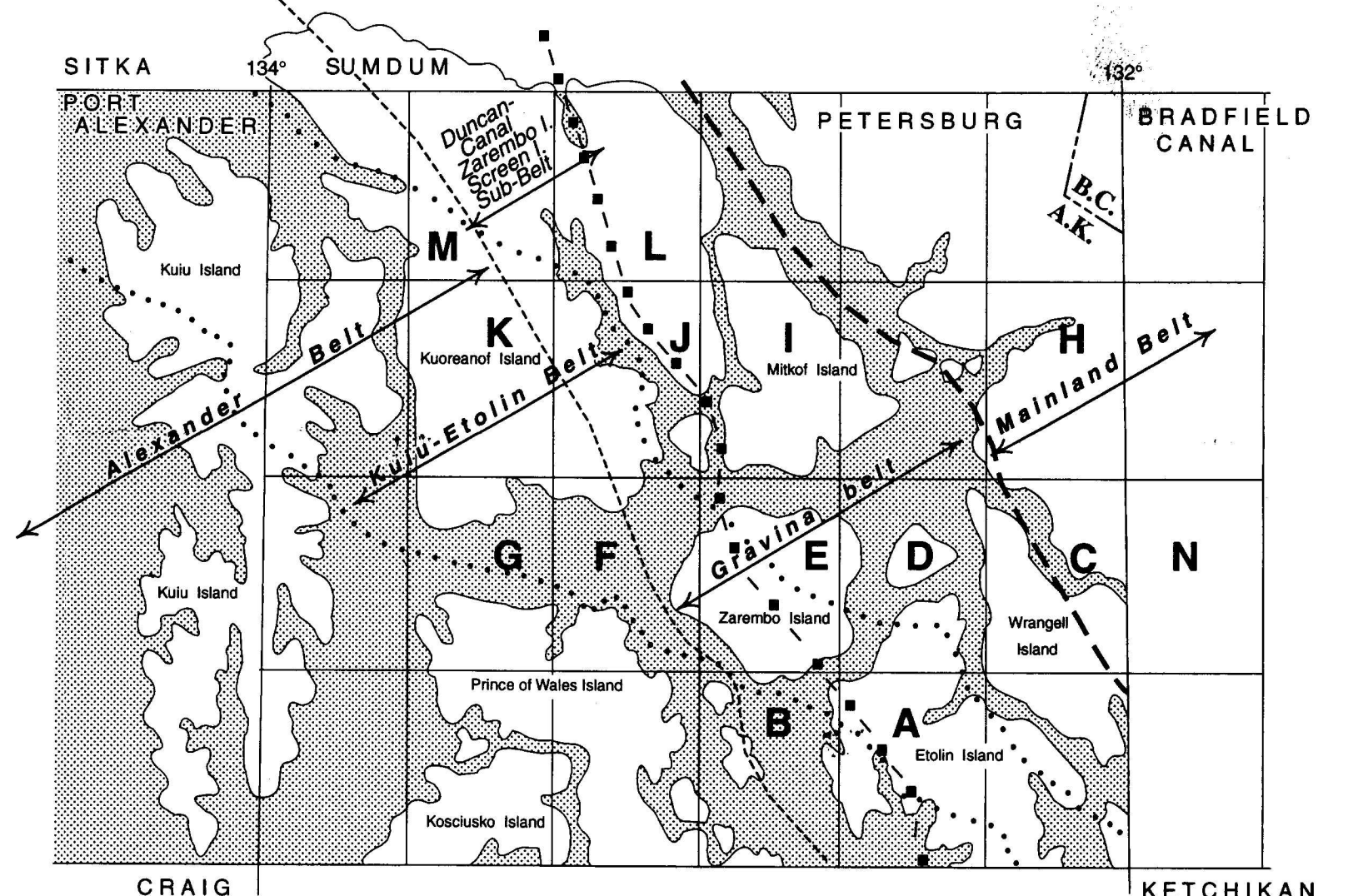
- Kmgf Migmatite
- Ktef Hornblende-Biotite Tonalite and Granodiorite, Quartz Monzoniorite, and Quartz Diorite
- Ktgp Biotite Tonalite, Quartz Diorite, and Granodiorite
- Kgb Metagabbro

GRAVINA BELT

- METAMORPHOSED STEPHENS PASSAGE GROUP ROCKS (Upper Cretaceous)
 - Kss Schist and Hornfels

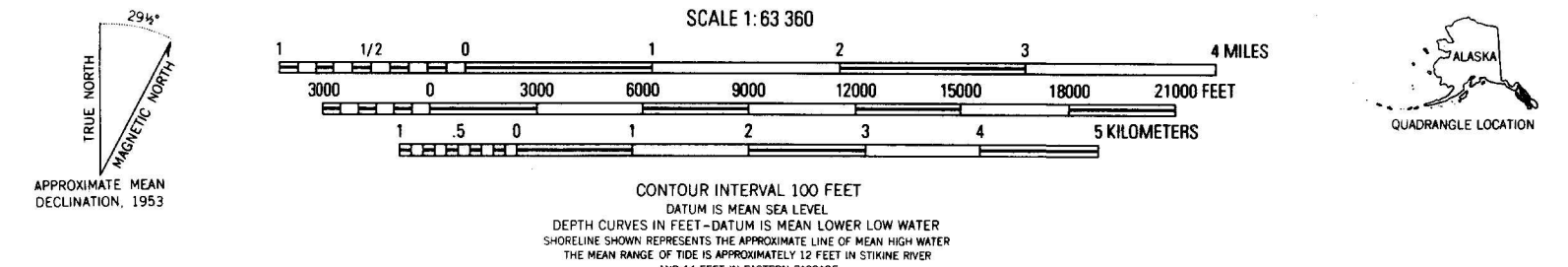
LINE SYMBOLS

- Contact; shown as solid line where position is known or inferred and where concealed by younger units or water; this convention has been adopted to facilitate future scanning and digitizing of this map data
- High-angle fault; shown as solid line where position is known or inferred and where concealed by younger units or water; this convention has been adopted to facilitate future scanning and digitizing of this map data



Index map of Petersburg project area (Brew and others, 1984) showing locations of belts mentioned in text and on Correlation of Map Units diagram and the locations of 1:250,000- and 1:63,360-scale quadrangles. The 1:63,360-scale quadrangles in this Open-File Report map series (OFR 97-156a-n) are indicated by capital letters. The different types of lines bounding the belts have no special significance.

Base from U.S.G.S 1:63,360
Topographic Map Series, 1953



Geologic Mapping by:
D.A. Brew, P.D. Burrell, A.B. Ford,
C. Huie, S.J. Hunt, S.M. Kari, R.D. Koch,
T.E. Moore, R.P. Morrell, K. Reading,
and R.A. Sonnevill; 1978-1982

RECONNAISSANCE GEOLOGIC MAP OF THE PETERSBURG C-1 QUADRANGLE, SOUTHEASTERN ALASKA
By
David A. Brew
1997

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