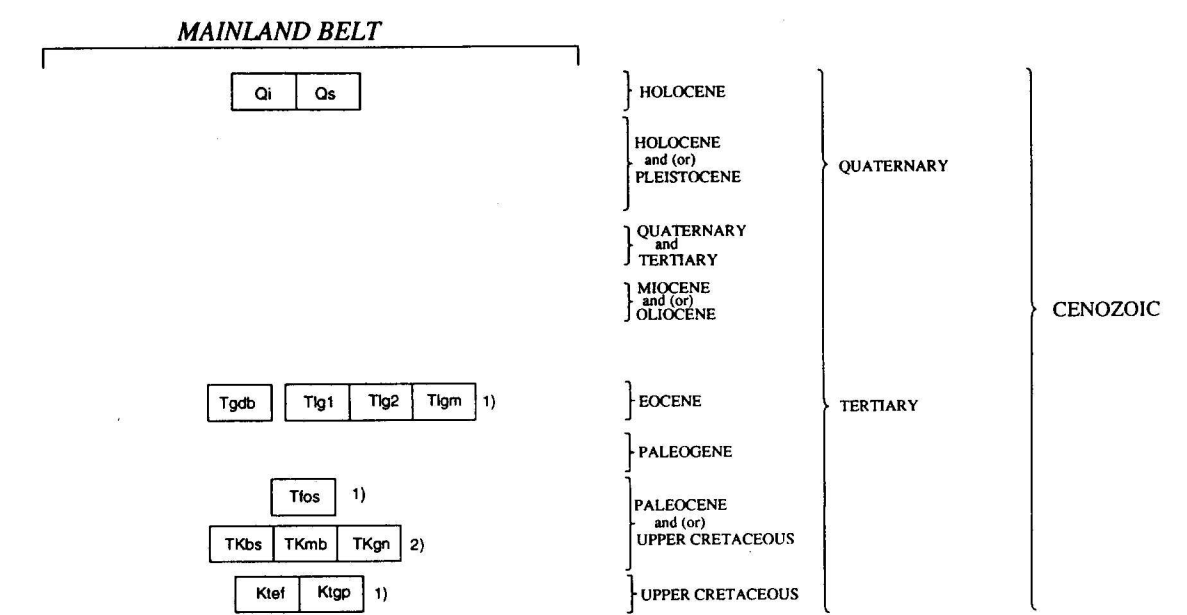


CORRELATION OF MAP UNITS IN THE BRADFIELD CANAL B-6 QUADRANGLE
(SEE INDEX MAP FOR LOCATION OF BELTS)



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

BRIEF DESCRIPTION OF MAP UNITS IN THE BRADFIELD CANAL B-6 QUADRANGLE

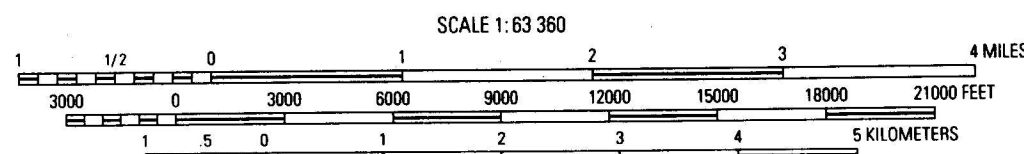
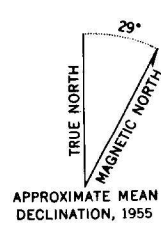
MAINLAND BELT

- Qs** SURFICIAL DEPOSITS (Holocene and/or Pleistocene)--Alluvium, colluvium, tidal mudflat deposits, and some glaciofluvial deposits.
- Qi** GLACIAL ICE AND PERMANENT SNOWFIELDS (Holocene)
- GRANODIORITE OF CENTRAL COAST METAMORPHIC-PLUTONIC COMPLEX (Eocene)**
 - Tgdb** Hornblende-Biotite Granodiorite and Quartz Diorite
 - Tlg1** Leucocratic Porphyritic Biotite Granodiorite and Adamellite [Granite]
 - Tlg2** Leucocratic Granodiorite
 - Tlgn** Migmatite associated with Leucocratic Granodiorite
- INTRUSIVE ROCKS OF THE GREAT TONALITE SILL BELT (Upper Cretaceous and/or Paleocene)**
 - Ttos** Biotite-Hornblende and Hornblende-Biotite Tonalite, Quartz Diorite, and Minor Granodiorite
- METAMORPHIC ROCKS OF COAST MOUNTAINS COMPLEX (Upper Cretaceous and/or Paleocene)**
 - TKbs** Biotite Schist
 - TKmb** Marble and Calc-Silicate Granofels
 - TKgn** Garnet-Biotite Gneiss and Schist, and Amphibolite
- INTRUSIVE ROCKS OF ADMIRALTY-REVILLAGIGEDO PLUTONIC BELT (Upper Cretaceous)**
 - Ktfe** Hornblende-Biotite Tonalite and Granodiorite, Quartz Monzonite, and Quartz Diorite
 - Ktgp** Biotite Tonalite, Quartz Diorite, and Granodiorite

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

Base from U.S.G.S 1:63,360
Topographic Map Series, 1955



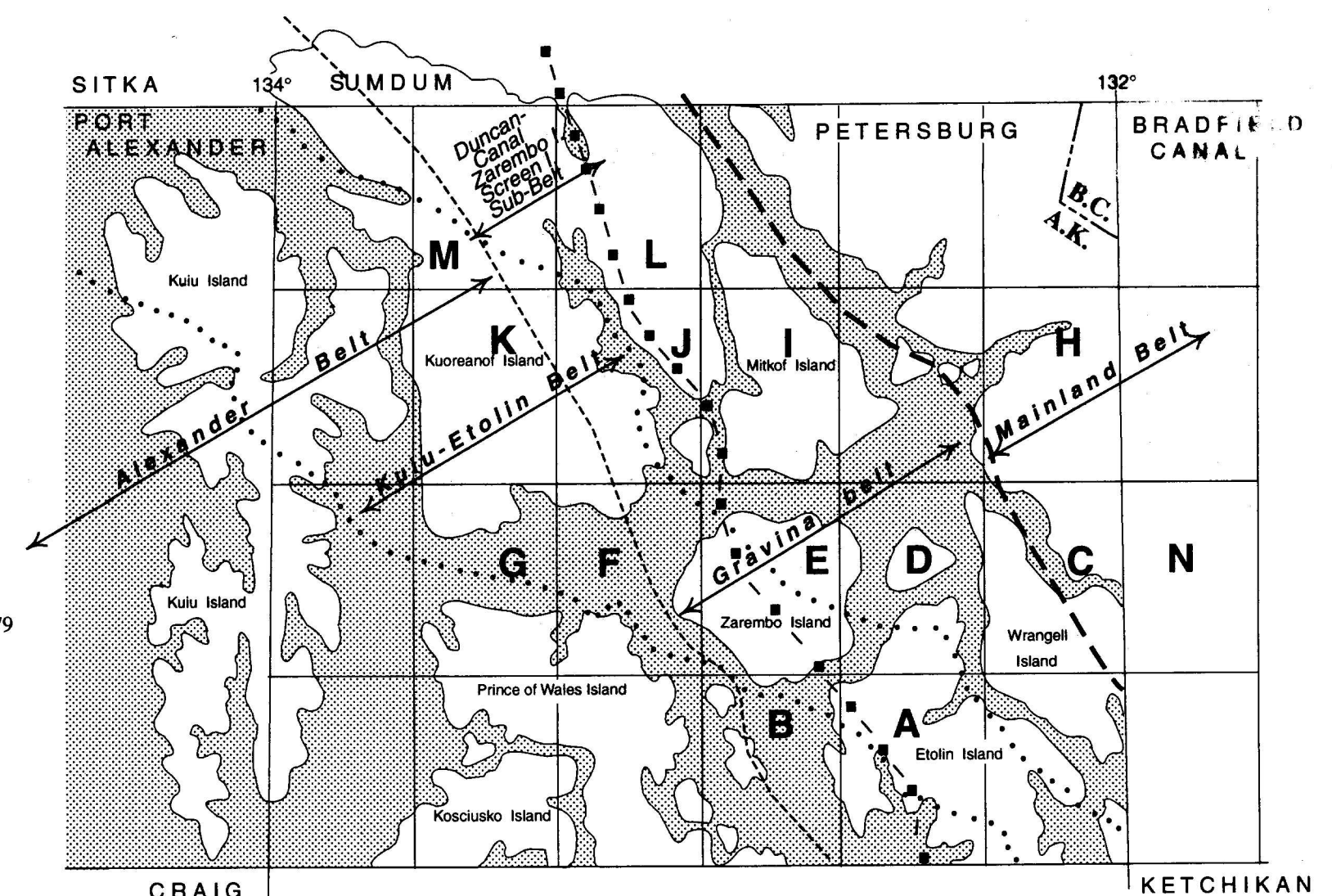
CONTOUR INTERVAL 100 FEET
DARTON IS MEAN SEA LEVEL
DEPTH CURVES IN FEET-DARTON IS MEAN LOWER LOW WATER
SHORELINE SHOWS REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 14 FEET



Geologic Mapping by:
R.D. Koch, R.L. Elliott, D.A. Brew,
J.D. Gallinetti, S.M. Karl, M.L. Miller,
R.P. Morrell, and R.A. Sonnevil; 1978-1979

**RECONNAISSANCE GEOLOGIC MAP OF THE BRADFIELD CANAL
B-6 QUADRANGLE, SOUTHEASTERN ALASKA**

By
David A. Brew and Richard D. Koch
1997



Index map of Petersburg project area (Brew and others, 1984) and adjacent Bradfield Canal area 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 97-156-n) are indicated by capital letters. The different types of lines bounding the belts have no special significance.

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