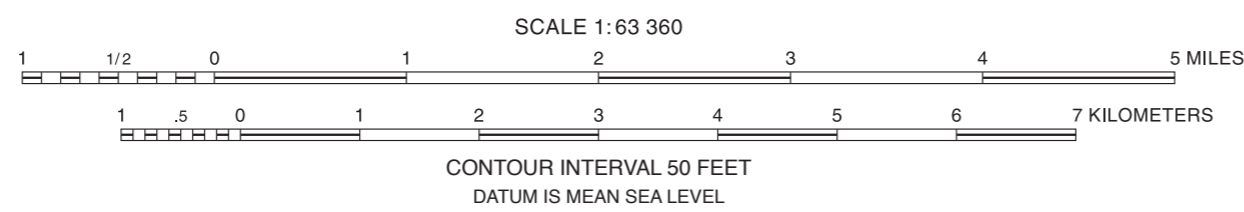
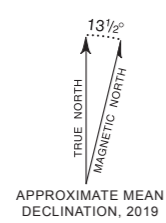


Base from U.S. Geological Survey 1:63,360-scale Sleetmute A-2, 1954.  
Topographic contours generated from U.S. Geological Survey National Elevation Dataset 44.7-meter Digital Elevation Model (DEM).  
Universal Transverse Mercator projection; zone 4N 1927 North American Datum

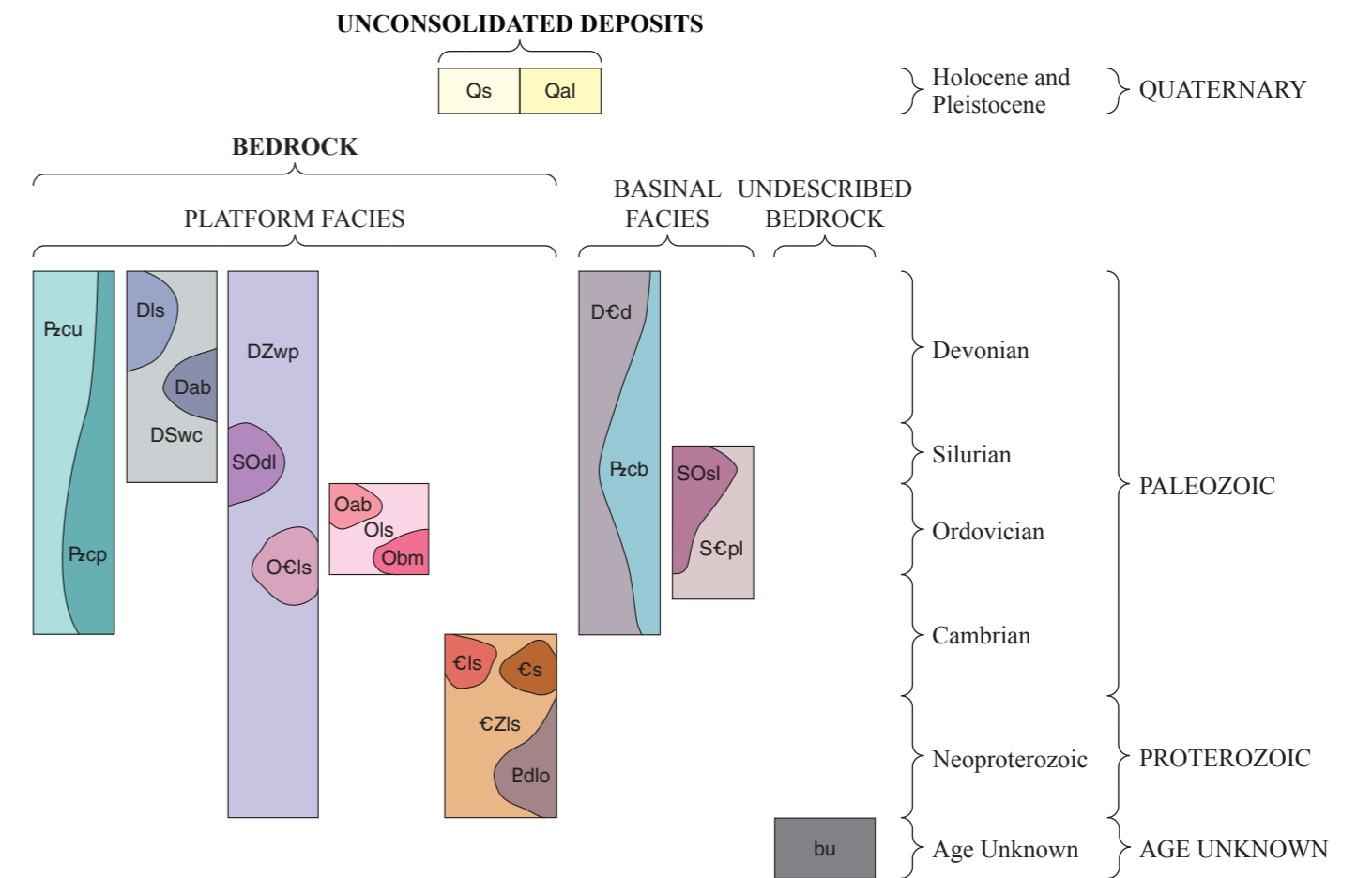


Geology mapped by R.B. Blodgett and F.H. Wilson, 1999.  
GIS database and digital cartography by N.B. Shew and Keith Labay.  
Edited by Phil Frederick; digital cartographic production by Katie Sullivan.  
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**CORRELATION OF MAP UNITS**

[See Description of Map Units (in pamphlet) for a more detailed description and discussion of the units age and relations]



**LIST OF MAP UNITS**

[See Description of Map Units (in pamphlet) for complete unit descriptions]

**UNCONSOLIDATED DEPOSITS**

- Qs Undifferentiated surficial deposits (Quaternary)
- Qal Alluvium (Quaternary)

**BEDROCK**

- PLATFORM FACIES**
- Pcu Black chert (lower Paleozoic, Devonian or older) of Wilson and others, 2015
  - Pcp Chert unit, platform (Paleozoic)
  - DSwc Whirlwind Creek Formation and correlative units (Upper Devonian, Frasnian, through Silurian, Ludlow) of Wilson and others, 2015
  - Dis Limestone (Devonian)
  - Dab Algal boundstone (Devonian)
  - DZwp Farewell platform facies (Upper Devonian, Frasnian, to Neoproterozoic) of Wilson and others, 2015
  - SOdl Dolostone and limestone (Silurian to Ordovician)
  - OClis Platy limestone (Middle Ordovician to Upper Cambrian)
  - Ols Lime mudstone (Ordovician) of Wilson and others, 2015
  - Oab Older algal boundstone (Ordovician)
  - Obm Burrowed mottled limestone (Ordovician)
  - CZis Dolostone, limestone, orthoquartzite, and minor chert (Cambrian and Neoproterozoic?) of Wilson and others, 2015
  - Cls Older limestone (Middle Cambrian)
  - Cs Orthoquartzite, dolostone, chert, and siltstone (Lower Cambrian?)
  - Edlo Dolostone, limestone, orthoquartzite, and minor chert (Neoproterozoic?)
- BASINAL FACIES**
- DEd White Mountain sequence, basinal facies (Devonian to Cambrian or older) of Wilson and others, 2015
  - Pcb Chert unit, basinal (Paleozoic)
  - SCpl Post River Formation and correlative units (middle Silurian, Wenlock, to Upper Cambrian) of Wilson and others, 2015
  - SOsl Platy limestone and shale (Silurian to Ordovician)

**UNDESCRIBED BEDROCK**

- bu Bedrock of unknown type or age or areas not mapped

**EXPLANATION OF MAP SYMBOLS**

- Contact—Solid where location is certain; long-dashed where location is approximate; short-dashed where location is inferred
- ▼ Thrust fault—Dashed where location is approximate; dotted where location is concealed. Sawteeth on upper plate
- Anticline—Long-dashed where location is approximate
- Syncline—Long-dashed where location is approximate
- 40° Inclined bedding—Showing strike and dip
- Fossil locality—See table 1 (in pamphlet) for data

**Bedrock Geologic Map of the 15' Sleetmute A-2 Quadrangle, Southwestern Alaska**

By  
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2020

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