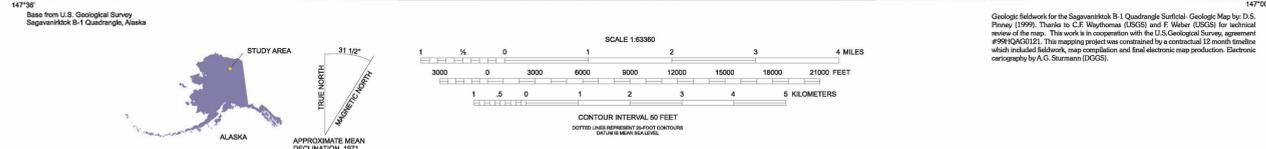


EXPLANATION OF MAP UNITS

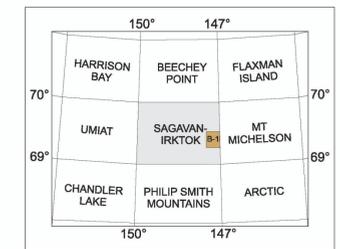
- UNCONSOLIDATED DEPOSITS**
- Alluvial Deposits**
- Qa Stream Alluvium
  - Qac Abandoned-channel Deposits
  - Qaf Alluvial Fan Deposits
  - Qas Silty Alluvium
  - Qat Terrace Alluvium
  - Qfp Floodplain Alluvium
- Colluvial Deposits**
- Qc Undifferentiated Colluvium
  - Qca Colluvial-alluvial Valley Fill, Fan And Apron Deposits
  - Qcr Talus And Rubble Deposits
  - Qcf Debris-fan Deposits
- Glacial Deposits**
- Echooka Glaciation**
- Qde Undifferentiated Drift of Echooka Glaciation
  - Qdm Moraine Deposits of Echooka Glaciation
  - Qdo Outwash Deposits of Echooka Glaciation
  - Qdf Outwash Fan Deposits of Echooka Glaciation
- Itkillik Glaciation**
- Qdi Reworked Drift of Itkillik Glaciation
  - Qdm Moraine Deposits of Itkillik Glaciation
  - Qdf Fan-delta Deposits of Itkillik Glaciation
- Sagavanirktok Glaciation**
- Qsm Moraine Deposits of Sagavanirktok Glaciation
  - Qsd Undifferentiated Drift of Sagavanirktok Glaciation
- COMPLEX DEPOSITS**
- Qsw Swamp Deposits
  - Qsr Retransported Silt Deposits
  - Qsu Perennially Frozen Silt, Undifferentiated
  - Qst Thawed Silt Deposits
- MANMADE DEPOSITS**
- Qm Artificial Fill Deposits
- BEDROCK**
- U Undifferentiated Bedrock
  - S Shallowly Buried Bedrock

MAP SYMBOLS

- Photointerpreted contacts
- Terrace risers, hachures point downslope



Geologic fieldwork for the Sagavanirktok B-1 Quadrangle Surficial-Geologic Map by D.S. Pinney (1999). Thanks to C.F. Waythomas (USGS) and F. Weber (USGS) for technical review of this map. This work is in cooperation with the U.S. Geological Survey agreement #99-1246012. This mapping project was constrained by a contractual 12 month timeline which included fieldwork, map compilation and final electronic map production. Electronic cartography by A.G. Stormann (DGCS).



# Reconnaissance Surficial-geologic Map of the Sagavanirktok B-1 Quadrangle, Eastern North Slope, Alaska

By  
DeAnne S. Pinney<sup>1</sup>

2000

Affiliations  
<sup>1</sup>Alaska Division of Geological and Geophysical Surveys,  
794 University Ave. Suite 200, Fairbanks, AK 99709-3645

This DGGS Report of Investigations is a final report of scientific research. It has received technical review and may be cited as an agency publication.

The State of Alaska makes no express or implied warranties (including warranties for merchantability and fitness) with respect to the character, functions, or capabilities of the electronic services or products or their appropriateness for any user's purposes. In no event will the State of Alaska be liable for any incidental, indirect, special, consequential or other damages suffered by the user or any other person or entity whether from use of the electronic services or products, any failure thereof or otherwise, and in no event will the State of Alaska's liability to the Requestor or anyone else exceed the fee paid for the electronic service or product.