

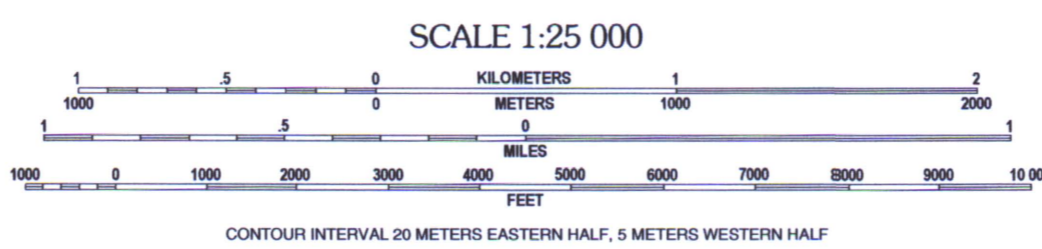
**Description of Map Units and Symbols**  
 See accompanying text for detailed descriptions

- AL - Holocene alluvium; dominantly loose gravel & sand with some silt
- B - Undifferentiated pre-Quaternary deposits or bedrock
- C - Colluvium; heterogeneous mixtures of gravel, sand, and silt
- F - Artificial fill; loose to dense mixtures of gravel, sand, and silt
- GD - Glacial drift; till, stony glaciomarine, & associated glaciofluvial deposits
- GF - Glaciofluvial, glaciodeltaic, & alluvial fan deposits; sand & gravel
- LS - Landslide deposits; any material deformed or displaced by sliding
- SC - Glacioestuarine or lacustrine silt and clay
- SS - Glacioestuarine or eolian silt and fine sand
- TS - Tidal silt and sand
- Water

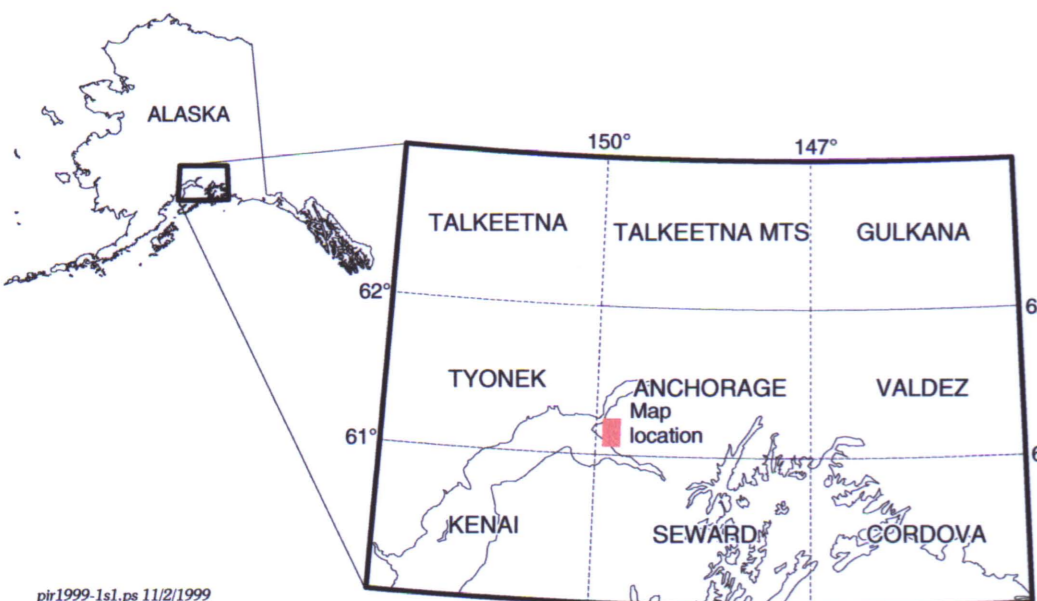
Approx. surface extent of Etnemdorf-age outwash deposits  
 Approx. surface extent of fine-grained facies, Bootlegger Cove Formation (BCF)  
 Approx. subsurface limit of thick (>30 ft), fine-grained facies of BCF;  
 Arrows show direction of increasing thickness  
 Cross section line  
 Boundary of boreholes projected to each cross section line

Borehole Type		Borehole Depth (ft)	
+	Not recorded	□	Less than 20
○	Hollow-stem auger	□	20 to 50
●	Hollow-stem auger w/penetration test	□	50 to 100
▼	Cone penetration test	□	100 to 200
▲	Solid stem auger	□	200 to 400
△	Pit or trench	□	400 or greater
■	Natural exposure	□	Not recorded

Base from U.S. Geological Survey Anchorage (A-8)NE, (A-8)NW, (A-8)SE, and (A-8)SW Quadrangles, revised 1993-1994. Universal Transverse Mercator projection, NAD27 Alaska, Zone 6.



Geology modified from Schmol and Dobrovoly (1972). Digital cartography by R.A. Combelick and S.M. Weems, with suggestions by A.-L. Schell, R.D. Peger and P.J. Haussler provided helpful comments on the draft map and cross sections.



# SIMPLIFIED GEOLOGIC MAP OF CENTRAL AND EAST ANCHORAGE, ALASKA

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 1999

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 Division of Geological & Geophysical Surveys

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