



MAP SHOWING SURFICIAL GEOLOGY OF THE MATANUSKA VALLEY AGRICULTURAL AREA AND LOCATION OF WELLS

**EXPLANATION**

**NONGLACIAL DEPOSITS**

- Qc Talus
- Qf Fractured deposits
- Qaf Alluvial fans

**GLACIAL DEPOSITS**

- Qg Undifferentiated glacial deposits
- Qgl Lateral moraine till
- Qgm Ground moraine till
- Qgt Till
- Qm Bedrock

**ESTUARINE DEPOSITS**

- Qes Estuarine deposits

**BOUNDARIES**

- Boundary, dashed where approximately located
- Inferred boundary
- Stream terrace (dashed where approximately located)
- Glacial ground on bedrock
- Remnants of stream ground
- Areas of erratic boulders
- Well location
- Number refers to table 2 in text

**GLACIAL DEPOSITS**

- Qg Undifferentiated glacial deposits
- Qgl Lateral moraine till
- Qgm Ground moraine till
- Qgt Till
- Qm Bedrock

**ESTUARINE DEPOSITS**

- Qes Estuarine deposits

**BOUNDARIES**

- Boundary, dashed where approximately located
- Inferred boundary
- Stream terrace (dashed where approximately located)
- Glacial ground on bedrock
- Remnants of stream ground
- Areas of erratic boulders
- Well location
- Number refers to table 2 in text

**EXPLANATION**

**NONGLACIAL DEPOSITS**

- Qc Talus
- Qf Fractured deposits
- Qaf Alluvial fans

**GLACIAL DEPOSITS**

- Qg Undifferentiated glacial deposits
- Qgl Lateral moraine till
- Qgm Ground moraine till
- Qgt Till
- Qm Bedrock

**ESTUARINE DEPOSITS**

- Qes Estuarine deposits

**BOUNDARIES**

- Boundary, dashed where approximately located
- Inferred boundary
- Stream terrace (dashed where approximately located)
- Glacial ground on bedrock
- Remnants of stream ground
- Areas of erratic boulders
- Well location
- Number refers to table 2 in text

Contemporaneous in part

QUATERNARY

FT

MESOZOIC AND CENOZOIC TERRITORY



Base from Army Map Service sheets of Alaska, Matanuska, Sutton, Houston, and Knik, Alaska, 1:50,000, 1950. Roads revised 1955.

PLATE I

Geology by F. W. Tramer