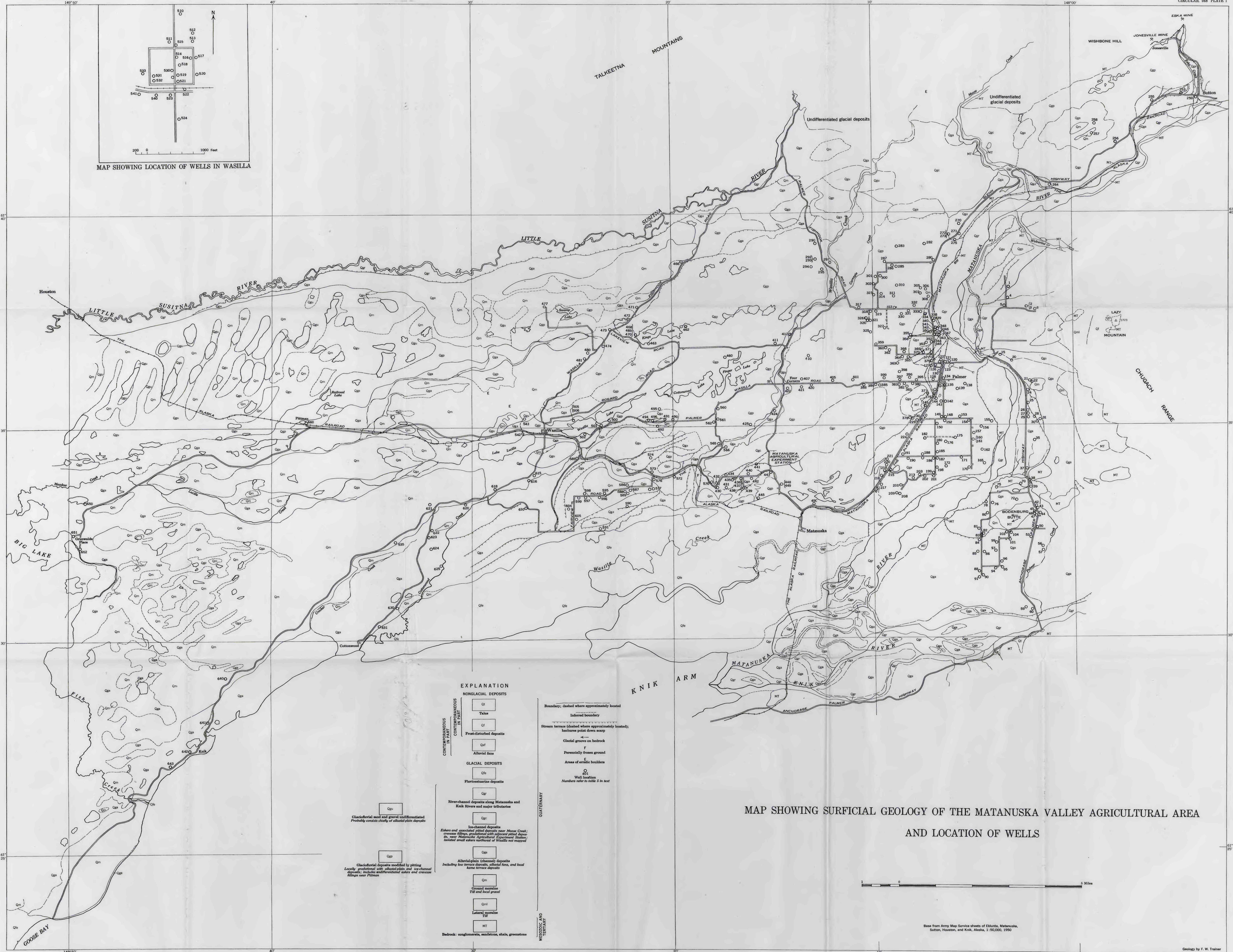


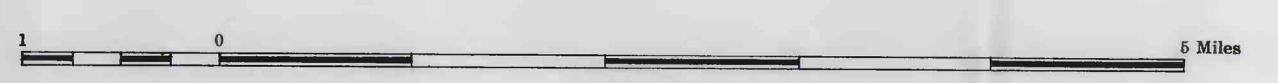
MAP SHOWING LOCATION OF WELLS IN WASILLA



EXPLANATION

- | | | |
|---------------------|--|---|
| NONGLACIAL DEPOSITS | | Boundary, dashed where approximately located
Inferred boundary |
| Q1 | Clay | |
| Q2 | Clay | Stream terrace (dashed where approximately located);
hachures point down scarp |
| Q3 | Clay | Glacial ground on bedrock |
| Q4 | Clay | F
Perennially frozen ground |
| Q5 | Clay | Area of erratic boulders |
| Q6 | Clay | Well location
Numbers refer to table 5 in text |
| GLACIAL DEPOSITS | | QUATERNARY |
| Q7 | Fluvioestuarine deposits | |
| Q8 | River-channel deposits along Matanuska and
Knik Rivers and major tributaries | |
| Q9 | Ice-channel deposits
Eskers and associated pitied deposits near Moose Creek,
crossing Alutka, produced with softest pitied deposits
near Matanuska Agricultural Experiment Station
isolated small eskers northwest of Wasilla not mapped | |
| Q10 | Glaciolacustrine deposits modified by pitting
Locally produced with alluvial plains and ice-channel
deposits. Includes undifferentiated eskers and crosscut
Alutka near Pittman | |
| Q11 | Alluvial-plain (channel) deposits
Including low terrace deposits, alluvial fans, and local
hume terrace deposits | |
| Q12 | Ground moraine
T11 and local gravel | |
| Q13 | Lateral moraine
T11 | |
| Q14 | MT | |
| Q15 | Bedrock: conglomerate, sandstone, shale, gneiss | |

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



Base from Army Map Service sheets of Eklutna, Matanuska,
Sutton, Houston, and Knik, Alaska, 1:50,000, 1950