DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Work done on behalf of the U. S. Bureau of Public Roads

OPEN FILE REPORT
SHEET 1 OF 2

EXPLANATION

1 Flood plain alluvium	9b Glacial outwash, inactive	13c Ground moraine, covering well consolidated bedded rocks
2a Flood plain alluvium with thick silt cover	10a Outwash fan deposits	13d Ground moraine, covering granitic rocks
2b Flood plain alluvium, low terrace with thick silt cover	10b Outwash fan deposits, covered with silt	13e Ground moraine, covering volcanic rocks
3 Alluvial fan deposits	11 Alpine moraine	13f Ground moraine, channeled
4 Alluvial apron deposits	12 End moraine, undifferentiated	14 Silt and colluvium, covering well consolidated bedded rocks
5 Alluvial plain deposits	12a End moraine, covered with silt	15 Poorly consolidated, bedded rocks
6 Bog deposits	12b End moraine, covered with outwash	16 Well consolidated, bedded rocks
7 Talus cone, rock glacier, or local alluvial fan deposits	13 Ground moraine, undifferentiated	17 Granitic rocks
8 Sand dune deposits	13a Ground moraine, modified by outwash	18 Volcanic rocks
9a Glacial outwash, active	13b Ground moraine, covering poorly consolidated bedded rocks	

Boundaries between units, approximately located

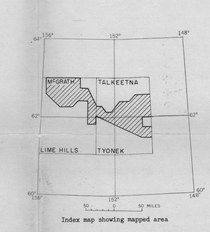
15? Unit or contact, questionable

Fault, approximately located

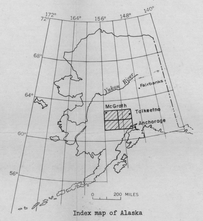
Prominent, abandoned glacial stream channel

Abrupt break in slope or terrace escarpment

▲B Location of sediment sample
Mechanical analyses shown in tables on Sheet 2



Index map showing mapped area



Index map of Alaska

Base map compiled from the Talkeetna, Tyonek, Lime Hills, and McGrath quadrangles of the Alaska Reconnaissance Topographic Series

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards

RECONNAISSANCE ENGINEERING GEOLOGIC MAP FOR SELECTIONS OF POSSIBLE ROAD ROUTES BETWEEN TALKEETNA AND McGRATH, ALASKA

By
Florence R. Weber

SCALE 1:250,000
5 0 5 10 15 Miles

Contour interval 200 feet
Datum is mean sea level
1961 Magnetic declination at South edge of sheet ranges from 22° to 26° East

1961

Mapped by F. R. Weber, 1959-60