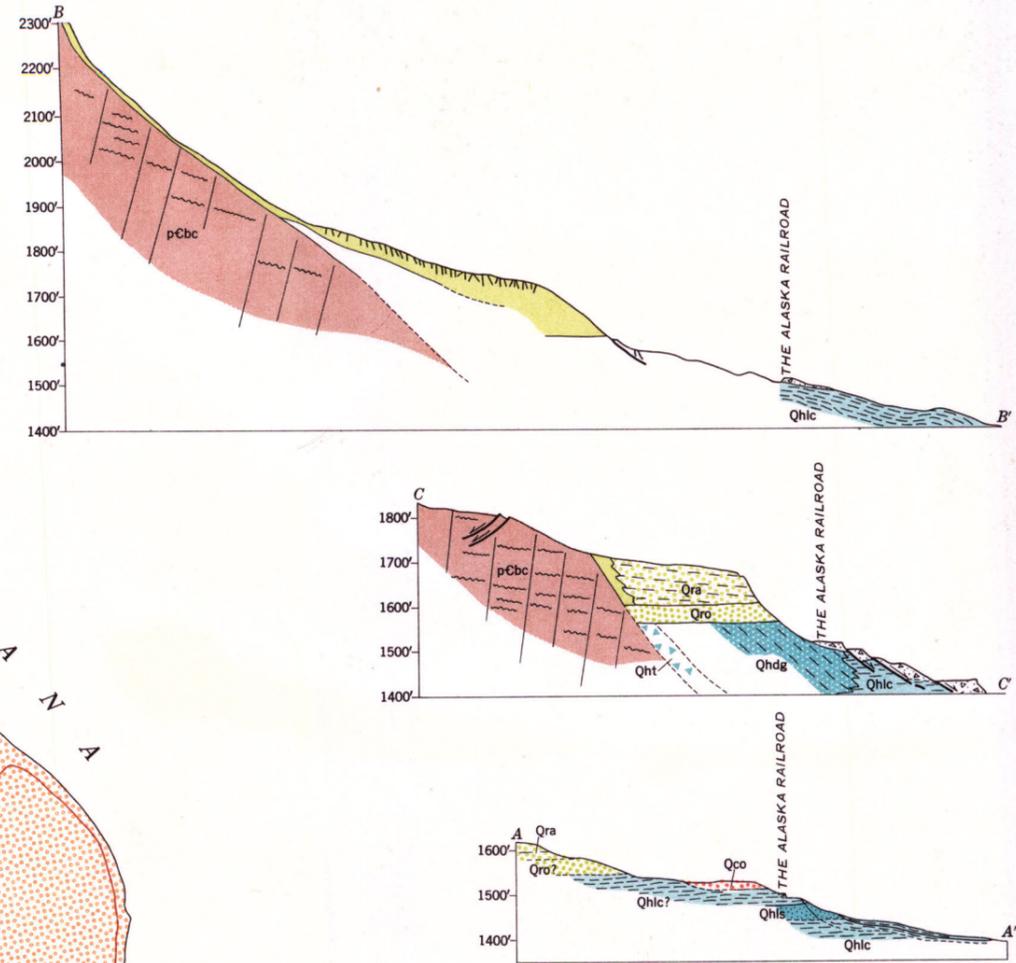
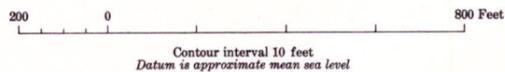


Surveyed stake lines laid out by James Morrison,  
The Alaska Railroad, October 1947

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.  
MR 5984

Geology and topography by Clyde Wahrhaftig and John W. James.  
Surveyed in July 1948 by planetable and alidade methods.  
Additional observations by R. F. Black, 1952

GEOLOGIC MAP AND SECTIONS OF THE MOODY LANDSLIDE AREA,  
ALONG THE NENANA RIVER, ALASKA



EXPLANATION FOR SECTIONS

- Artificial fill
- Outwash of the Carlo readvance
- Talus
- Alluvium deposited by the tributaries of the Nenana River
- Outwash
- Varved clay and silt
- Fine sand; includes some gravel
- Delta gravel
- Till
- Birch Creek schist
- Trace of slip surface of landslide, showing direction of movement

EXPLANATION FOR MAP

- Artificial fill
- Stream gravel in bed of the Nenana River
- Alluvium deposited by Sheep Creek
- Alluvium deposited by Sheep Creek
- Outwash
- Talus
- Alluvium deposited by the tributaries of the Nenana River
- Outwash
- Varved clay and silt
- Fine sand; includes some gravel
- Delta gravel
- Till
- UNCONFORMITY
- Birch Creek schist

- Contact
- Dashed where inferred
- Landslide scarps present both in 1948 and in 1952
- Landslide scarps present in 1952 Formed between 1948 and 1952
- Open cracks, 1948
- Earthflow
- Strike and dip of beds
- Strike and dip of joints
- Vertical joint
- Drag fold in schist, showing plunge of fold axis
- Sample location
- Numbers correspond to sample numbers on figures 33 and 34
- Stake on surveyed line, showing lateral movement between October 1947 and July 1948. Scale of displacement is 10 times scale of map
- Miles from Seward on the Alaska Railroad
- Flume or culvert
- Telephone line

QUATERNARY  
PRE-CAMBRIAN