

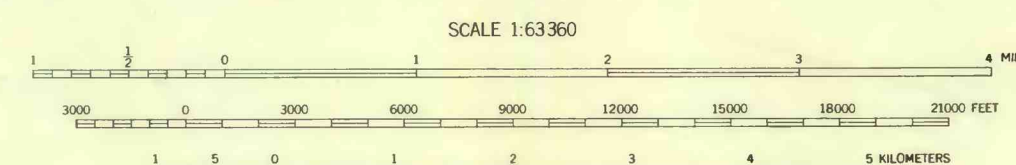
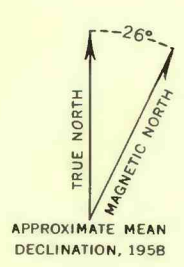
EXPLANATION

- | | | | |
|-----------------|--|-----|--|
| Quaternary | | Qal | Alluvium |
| | | | Terrace gravels |
| | | | Morainal and outwash deposits |
| Tertiary | | Tcb | Coal-bearing formation
Poorly indurated fine to coarse pebbly sandstone, siltstone, claystone, and coal. Includes conglomerate beds in lower part of Little Susitna Canyon. Mostly covered by glacial deposits and terrace gravels. |
| | | Kar | Arkose Ridge formation
Well indurated conglomerate, arkosic sandstone, and shale. Mostly covered by morainal deposits. |
| Cretaceous (?) | | | Schist
Foliated quartz-mica schist |
| | | | Contact
approximately located |
| Precambrian (?) | | | Horizontal beds |
| | | | Fault, approximately located
Short dashes where inferred. U, upthrown side; D, downthrown side |
| | | | Prospect tunnel |
| | | | Vertical diamond-drill hole |
| | | | Recent fault scarp
Mapped from aerial photographs |
| | | | Strike and dip of beds |
| | | | Coal locality described in text |

Base by Topographic Division
U. S. Geological Survey, 1951

GEOLOGIC MAP OF THE LITTLE SUSITNA DISTRICT, MATANUSKA COAL FIELD, ALASKA

Geology by F. F. Barnes
Surveyed in 1952



Contour interval 50 and 100 feet
Dotted lines represent half-interval contours
Areas not surveyed in detail indicated by broken lines
Datum is mean sea level

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
MR 3579