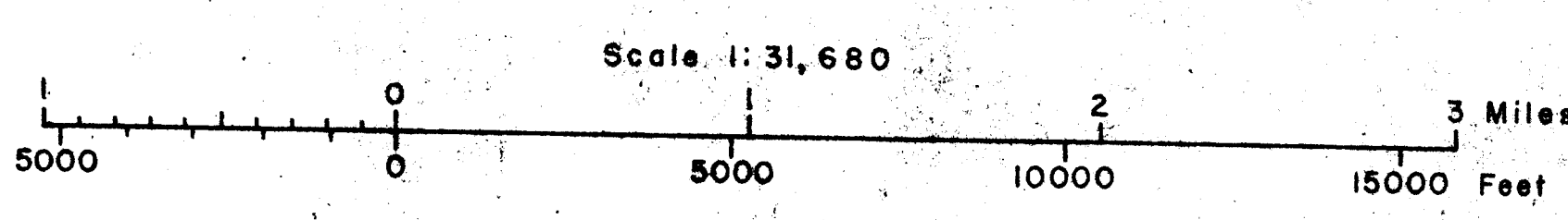


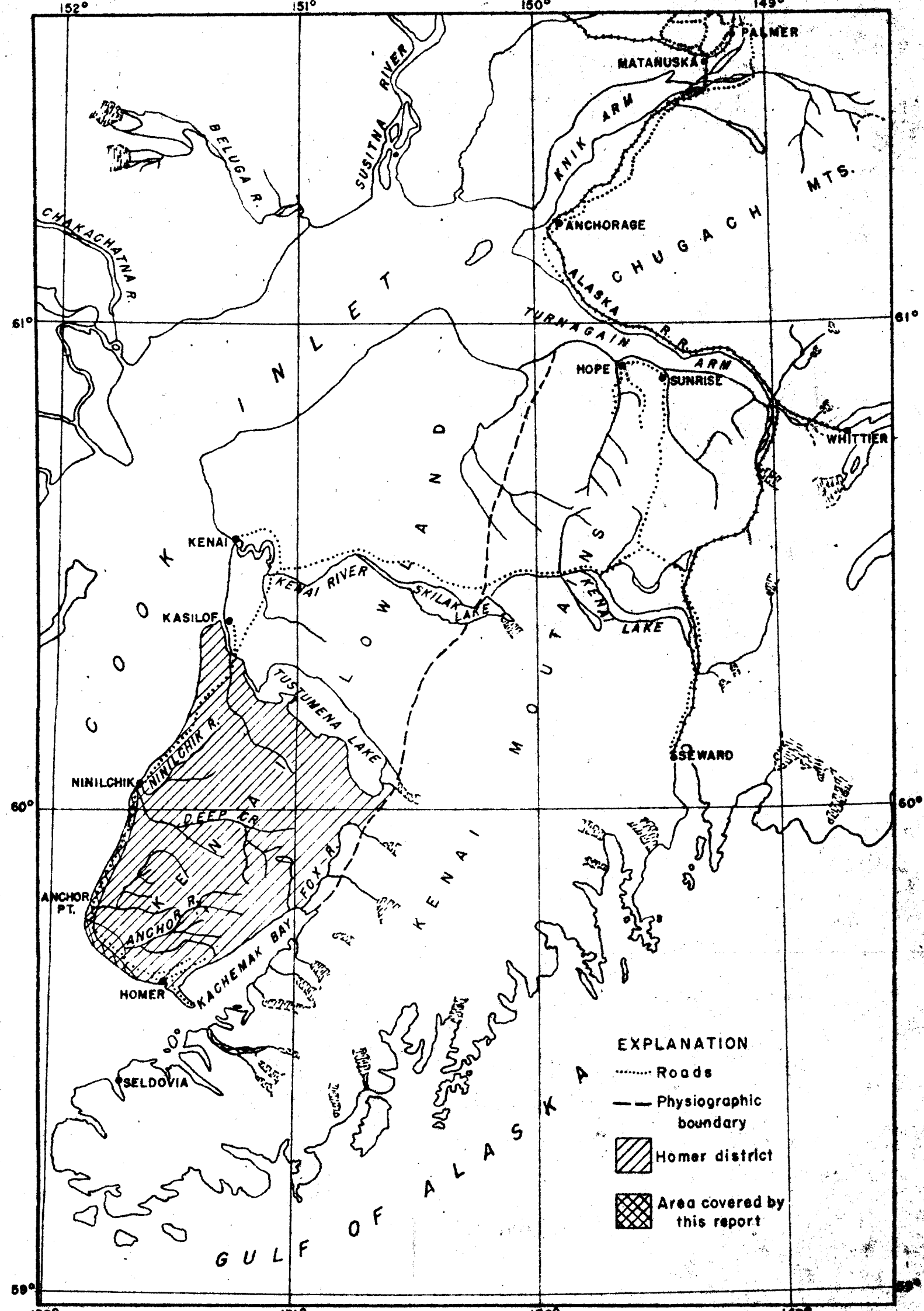
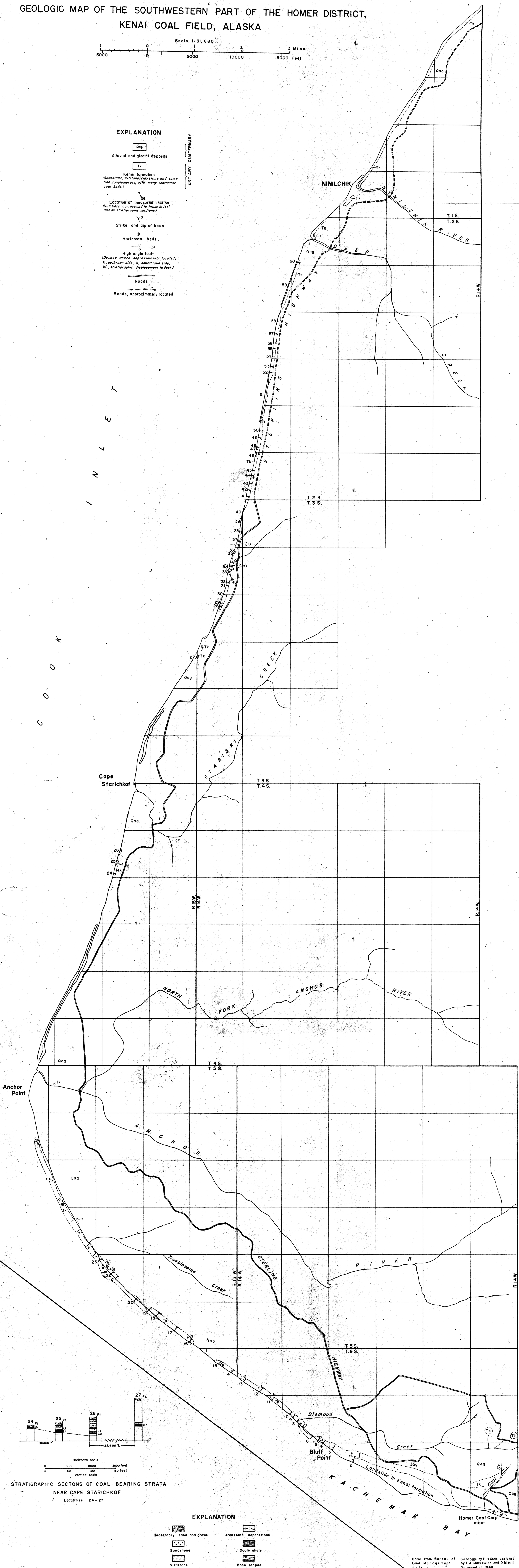
GEOLOGIC MAP OF THE SOUTHWESTERN PART OF THE HOMER DISTRICT,
KENAI COAL FIELD, ALASKA



EXPLANATION

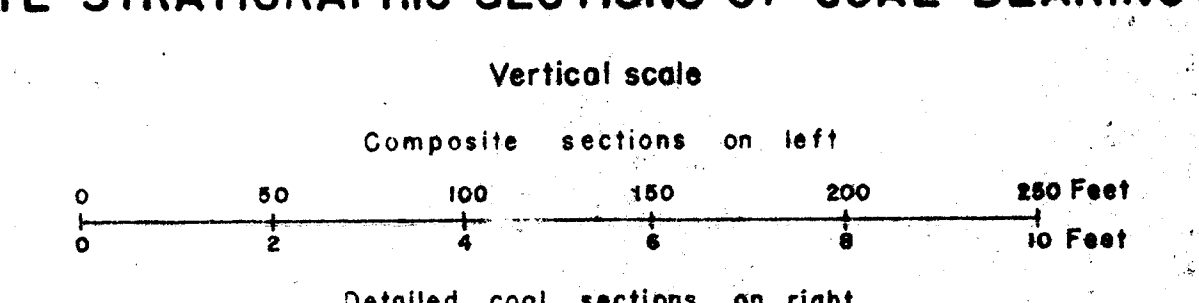
- Qgg Alluvial and glacial deposits
- Tk Kenai formation (Sandstone, siltstone, claystone, and some fine conglomerate, with many vertical coal beds.)
- Location of measured section (Numbers correspond to those in text and on stratigraphic sections)
- Strike and dip of beds
- Horizontal beds
- High angle fault (Dashed where approximately located; U, uppermost side; S, southern side; W, stratigraphic displacement in feet.)
- Roads
- Roads, approximately located

TERTIARY QUATERNARY

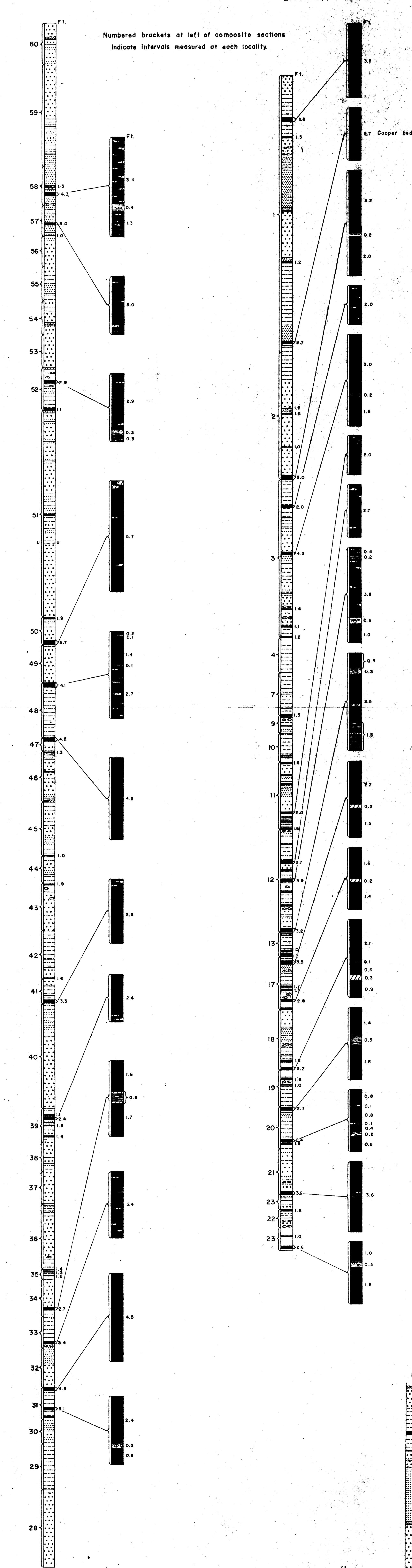


INDEX MAP SHOWING LOCATION OF HOMER DISTRICT, KENAI COAL FIELD, SOUTH-CENTRAL ALASKA

COMPOSITE STRATIGRAPHIC SECTIONS OF COAL-BEARING STRATA

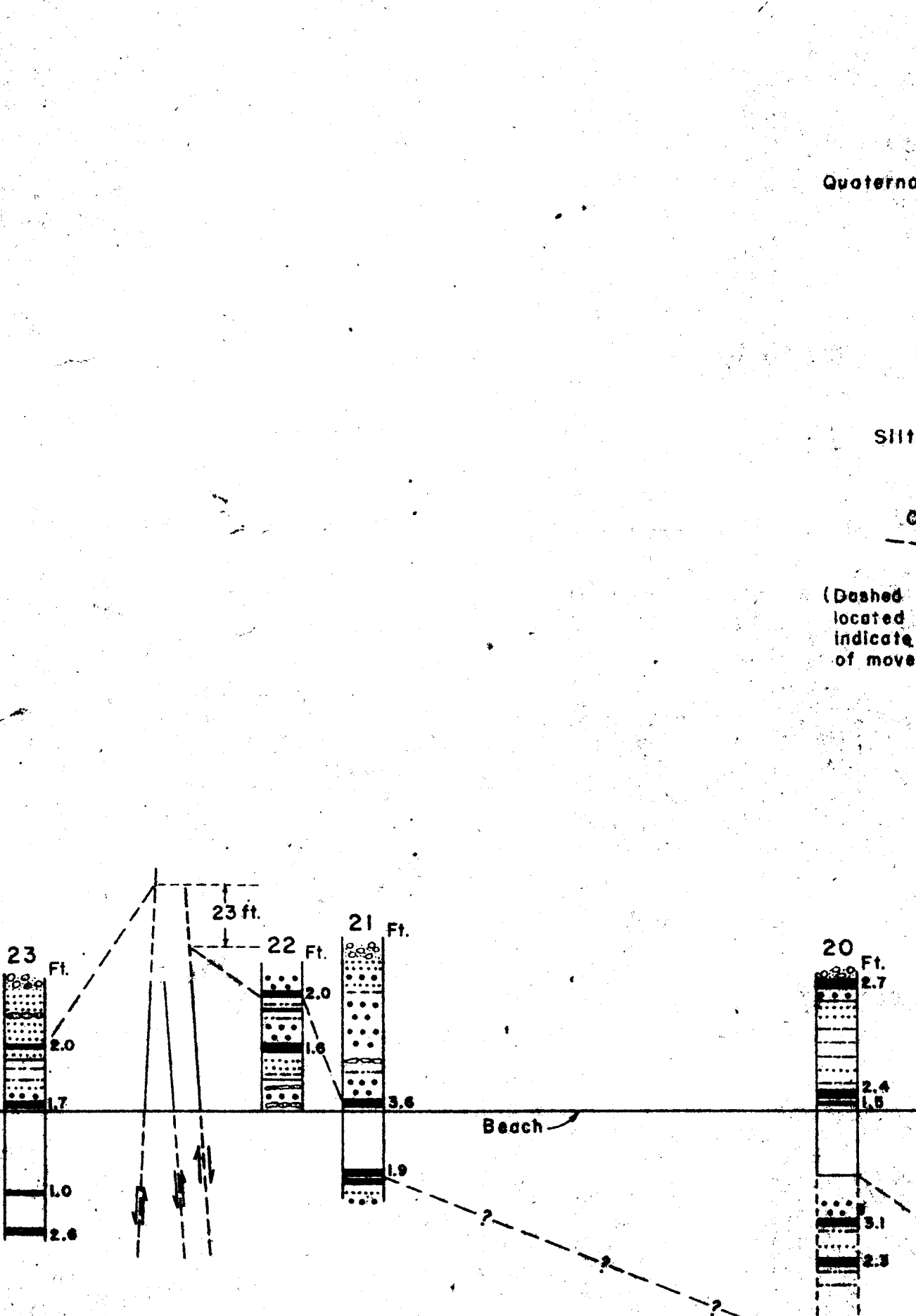


CAPE STARICHKOF TO DEEP CREEK Localities 28-60



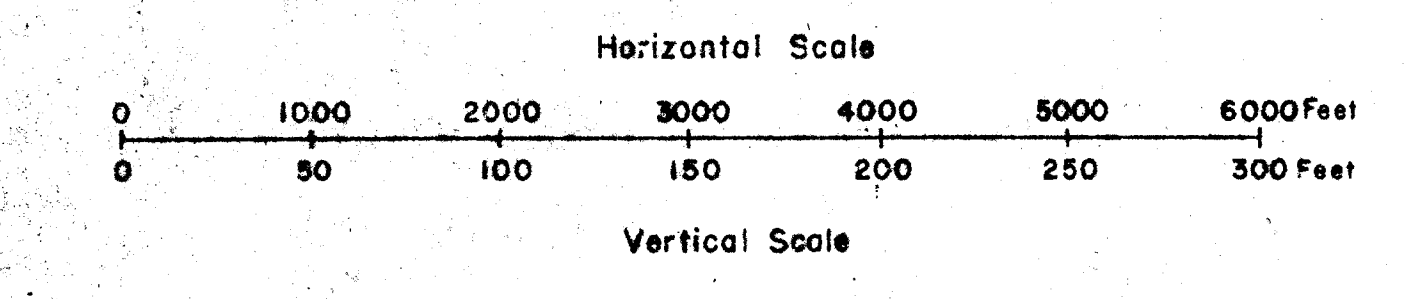
Figures opposite coal beds, except in detailed coal sections, were obtained by subtracting total thickness of partings from total thickness of coal where two or more seams are separated by thin partings. They correspond to the equivalent thickness used by the U.S. Geological Survey in valuating coal lands. (U.S. Geol. Survey Bull. 537, p. 70.) Figures not shown for beds less than 1 foot thick.

STRATIGRAPHIC SECTIONS OF COAL-BEARING STRATA NEAR CAPE STARICHKOF Localities 24-27



EXPLANATION

- Quaternary sand and gravel
- Sandstone
- Siltstone
- Silty claystone
- Claystone
- Ironstone concretions
- Coaly shale
- Bone lenses
- Coal
- Concealed
- Uncertainty



STRATIGRAPHIC SECTIONS OF COAL-BEARING STRATA BLUFF POINT TO TROUBLE SOME CREEK Localities 1-23

Localities 1-23

