UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



EXPLANATION

Tn — Nenana gravel
Tcb — Coal-bearing formation
TERTIARY

UNCONFORMITY

pCbc — Birch Creek schist
PRE-CAMBRIAN

Indefinite contact
*Questioned where doubtful*

U / D — Fault, dashed where approximately located
U, *Upthrown side*; D, *Downthrown side*

500 — Structure contour on the base of coal bed No.1
Contour interval 500 feet
*Datum is mean sea level*

Anticline
*Showing trace of axial plane and direction of plunge of axis*

Syncline
*Showing trace of axial plane and direction of plunge of axis of coal bed No. 1; questioned where doubtful*

20 — Strike and dip of foliation

B B' — Line of structure section. See plate 18

R.6W

R. 7 W.

T. 12 S.

T. 12 S.

TRUE NORTH
MAGNETIC NORTH

Gopher Creek
Cripple Creek
Coal Creek
French Gulch
Alaska Creek
Suntrana Creek
Moore Creek
HEALY
SUNTRANA MINE
Sea level
500
1000
1500
2000

1000 0 4000 Feet
Contour interval 100 feet
*Datum is mean sea level*

Geology by Clyde Wahrhaftig and Jacob Freedman, assisted by C. K. Currey, Milton Morsing, and D. M. Hopkins

# MAP OF PART OF THE VALLEY OF HEALY CREEK, ALASKA, SHOWING STRUCTURE CONTOURS ON THE BASE OF COAL BED NO. 1

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