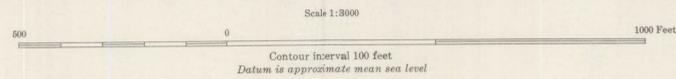


Topography from map by Ralph Tuck (Bull. 880-D, pl. 11) with minor revisions.
Surveyed in 1934, 1935, and 1944.
Mine workings from maps furnished by The Alaska Railroad

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
M. 11281

Geology by F. F. Barnes, F. M. Byers, Jr., and Ralph Tuck. Surveyed in 1934, 1935, 1944, and 1945

GEOLOGIC MAP OF ESKA MINE AND VICINITY, WISHBONE HILL DISTRICT, MATANUSKA COAL FIELD, ALASKA



E X P L A N A T I O N

<p>Recent</p> <p>Qal Alluvium</p> <p>Slide rock <i>Talus and landslide debris, mainly conglomerate blocks</i></p> <p>Terrace gravel</p> <p>Wisbone formation <i>Firmly cemented pebbles of fine-grained rocks in sandy matrix. Includes many lenticular beds of sandstone, siltstone, and some claystone</i></p> <p>Chickaloon formation <i>Sandstone, siltstone, claystone, and coal</i></p>	<p>QUATERNARY</p> <p>ESKA BED 4-2 Coal bed at bedrock surface, showing dip <i>Dashed where inferred, dotted where concealed by alluvium</i></p> <p>ESKA BED 4-2 Coal bed in mine workings, showing dip</p> <p>Contact, approximately located</p> <p>Fault, showing relative movement <i>Dashed where inferred; queried where doubtful; dotted where concealed by slide rock. U, upthrown side; D, downthrown side</i></p> <p>Fault in mine workings, showing dip <i>Dotted where projected</i></p> <p>Vertical fault in mine workings</p> <p>Syncline <i>Dashed where approximately located. Showing trace of axial plane and direction of plunge of axis</i></p> <p>Strike and dip of beds</p> <p>Boundary of coal-leasing unit</p>	<p>Tunnels and gangways</p> <p>Slopes and airways <i>Chevron points downward</i></p> <p>Inclined shaft</p> <p>Foot of raise</p> <p>Prospect trench</p> <p>D.D.H. 13 D.D.H. 1 Inclined Vertical U. S. Bureau of Mines diamond-drill holes</p> <p>Mine dump</p> <p>Surface coal locality Number corresponds to that in text and on plate 5</p>
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