



EXPLANATION

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|---|-----------------------|
| <p>Qu</p> <p>Surficial deposits undifferentiated<br/><i>Mainly alluvium, moraines, and glaciers</i></p>   | } QUATERNARY          |
| <p>QTwf</p> <p>Wrangell Lava and Frederika Formation<br/><i>Lavas and continental sedimentary rocks</i></p>   | } TERTIARY            |
| <p>Rng</p> <p>Nikolai Greenstone<br/><i>Mainly amygdaloidal altered basalt flows with a thin basal conglomerate</i></p>   | } TRIASSIC            |
| <p>RS</p> <p>Shale and siltstone<br/><i>Contains Middle Triassic pelecypods and ammonites. Exposed in two small areas only—north of Skolai Creek in the McCarthy C-4 quadrangle and north of Glacier Creek in the McCarthy B-4 quadrangle</i></p> | } TRIASSIC            |
| <p>RPg</p> <p>Gabbro<br/><i>Partly serpentinized. Forms small plutons, sills, and dikes</i></p>   | } PERMIAN OR TRIASSIC |
| <p>Ph</p> <p>Hasen Creek Formation<br/><i>Ph, thin-bedded chert, black shale, sandstone, carbonaceous bioclastic limestone, and minor conglomerate</i><br/><i>Phg, Golden Horn Limestone Lentil, massive bioclastic limestone</i></p>             | } PERMIAN             |
| <p>Psc</p> <p>Station Creek Formation<br/><i>Psc, volcanoclastic member</i><br/><i>Psf, volcanic flow member</i></p>  | } PERMIAN(?)          |
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|----------------|---|
| — — — — —      | Contact   |
| — · — · — · —  | Dashed where approximately located;<br>short dashed where concealed |
| — · — · — · —  | Fault   |
| — · — · — · —  | Dashed where approximately located;<br>dotted where concealed       |
| ⊕              | Strike and dip of beds  |
| ⊕              | Horizontal beds   |
| x              | Fossil locality   |
| ○ <sup>5</sup> | Location of chemically analyzed sample                              |

MCCARTHY B-4

Geology by J. G. Smith, 1967; E. M. MacKevett, Jr., 1962, 1963, 1967; George Plafker, 1962; H. C. Berg, 1962; and G. R. Winkler, 1967

GENERALIZED GEOLOGIC MAP OF THE SKOLAI GROUP IN THE  
MCCARTHY C-4, C-5, AND B-4 QUADRANGLES, ALASKA

