



Base from U.S. Geological Survey, 1956.

U.S. Geological Survey  
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This map is preliminary and has not  
been edited or reviewed for conformity  
with Geological Survey standards  
or nomenclature.

SCALE 1:200,000

CONTOUR INTERVAL 20 FEET

EXPLANATION:

● Heavy-mineral concentrate sample locality and number

PLATE I.—MAP SHOWING LOCALITIES FOR HEAVY-MINERAL CONCENTRATES, PHILIP SMITH MOUNTAINS QUADRANGLE, ALASKA