



EXPLANATION

- End moraine deposits
  - Esker deposits
  - Recessional moraines (Previously mapped)
  - Devonian formations, undifferentiated
  - Upper Silurian formations, undifferentiated
  - High Falls formation
  - Shawangunk conglomerate
  - Martinsburg shale
- IGNEOUS ROCKS**
- Basic breccia
  - Nephelite syenite

— Contact  
 - - - Dashed where approximately located; dotted where concealed.

(A), (B), (C), (D), (E), (F)  
 Letters assigned to the individual end moraine deposits for the purpose of identification in the text discussion.

Approximate extent of former moraine lake.

Auger hole

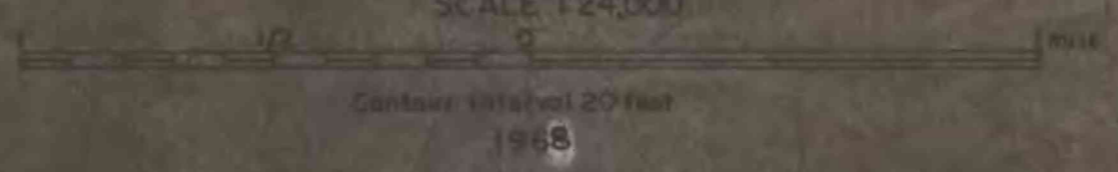
Minard, J. P., 1961, End moraines on Kittatinny Mountain, Sussex County, New Jersey. In U. S. Geol. Survey Prof. Paper 424-G, p. 661-664.



GEOLOGIC MAP  
 OF  
 PART OF KITTATINNY MOUNTAIN  
 SUSSEX COUNTY, NEW JERSEY

Showing the bedrock formations, glacial end and recessional moraine deposits, and esker deposits. The bedrock formations are shown as they appear on the geologic map of New Jersey.

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 SCALE 1:24,000



This map is preliminary and has not been edited for conformity with Geological Survey format.

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 This map or illustration is preliminary and has not been edited or revised for conformity with Geological Survey standards or nomenclature.

New Jersey (Kittatinny Mountains). Geol. 1:24,000 1963.  
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