



EXPLANATION

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| <p>Alluvium</p> <p>Glacial deposits</p> <p>Hardyston quartzite</p> <p>Hornblende granite and alaskite</p> <p>Granitic quartz-plagioclase gneiss
<i>Slightly foliated to massive</i></p> <p>Amphibolite and skarn inclusions in granitic rocks</p> <p>Metasedimentary rocks
<i>Includes amphibolite, some skarn, intimately penetrated and replaced by quartz-plagioclase gneiss</i></p> | <p>QUATERNARY</p> <p>CAMBRIAN</p> <p>PRE-CAMBRIAN</p> | <p>Contact, dashed where approximately located</p> <p>Inferred contact</p> <p>Strike and dip of beds</p> <p>Strike and dip of foliation</p> <p>Strike of vertical foliation</p> <p>Strike and dip of foliation and plunge of lineation</p> <p>Strike of vertical foliation, showing plunge of lineation</p> <p>Shaft</p> <p>Pit or open-cut</p> <p>Dump</p> <p>D.D.H. 5</p> <p>Diamond-drill holes by U. S. Bureau of Mines</p> <p>Isomagnetic lines</p> <p><i>Contour interval 20°; no values less than +20° indicated. Dip-needle survey by U. S. Bureau of Mines</i></p> |
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Base from U. S. Bureau of Mines dip-needle survey

GEOLOGIC MAP OF THE CUMMINS DISTRICT, WARREN COUNTY, NEW JERSEY

Geology by P. E. Hotz, 1944

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