

EXPLANATION

- Overburden or dump  
*In section only*
- Quartz pegmatite with large perthite crystals  
*Core*
- Plagioclase-muscovite-quartz-perthite-beryl pegmatite  
*Intermediate zone*
- Perthite-quartz-plagioclase pegmatite  
*Intermediate zone*
- Plagioclase-quartz-perthite pegmatite  
*Wall zone*
- Biotite gneiss
- Amphibolite

- Contact, showing dip  
*Dashed where inferred*
- Contact between pegmatite zones or units, showing dip  
*Dashed where inferred*
- Limit of outcrop
- Strike and dip of foliation
- Strike of vertical foliation
- Bearing and plunge of lineation

- Rim of excavation
- Shaft
- Dump
- Underground workings

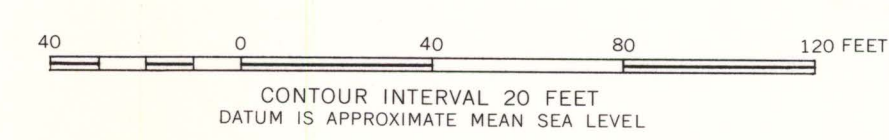
EXPLANATION

- Quartz pegmatite
- Plagioclase-muscovite-quartz-perthite pegmatite
- Perthite-quartz-plagioclase pegmatite
- Greenish-blue beryl
- Brownish-olive beryl
- Golden beryl
- Wedge muscovite
- Overburden

Approximate contact between pegmatite zones or units  
*Dashed where concealed*

GEOLOGIC MAP OF FLOOR OF OPENCUT

GEOLOGIC MAP AND SECTIONS OF THE BERYL MOUNTAIN MINE, ACWORTH, SULLIVAN COUNTY, NEW HAMPSHIRE



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—10097

Mapped by J. J. Page and L. F. Dellwig, October 1948; mine area revised by J. J. Page and P. K. Brown, Jr., July and September 1949; and by L. R. Page and D. M. Larrabee in June 1955.