



**EXPLANATION**

- QUARTZ-MICA DIORITE
- ANDESITIC ROCKS
- LIMESTONE AND SHALE
- ANDESITE AND BASALT DIKES
- Fault d = down throw side
- Fault projected
- Contact
- Contact projected
- Raise, top
- Raise, bottom
- Shaft
- Inaccessible
- Workings above 300 level
- Bureau of Mines drill hole
- Strike and dip of beds

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
BUREAU OF MINES PROJECT 1419  
**CHRISTMAS COPPER MINE**  
**300 (275 FOOT) LEVEL**

Scale  
0 50 100 200 Feet

Geology by N.P. Peterson and R.W. Swanson  
Compiled by E.E. Gauld