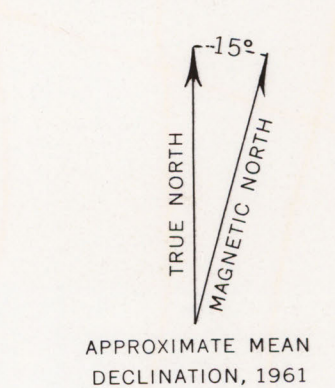


EXPLANATION

- Quartz-spodumene pegmatite
- Fracture filling
- Perthite pegmatite
- Second intermediate zone
- Perthite-quartz-albite pegmatite
- First intermediate zone
- Albite-quartz-muscovite pegmatite
- Wall zone
- Muscovite-albite-quartz pegmatite
- Border zone
- Amphibolite
- Quartz-mica schist
- Pegmatite contact, showing dip
Dashed where approximately located
- Contact between pegmatite units, showing dip
- Limit of outcrop
- Fault, showing dip
- Strike and dip of foliation
- Plunge of roll in pegmatite
- Strike and dip of joint
- Shaft
- Head of raise
- Open cut
- Dump
- Outline of workings of main level (see fig. 16)
- Outline of workings of lower level (see fig. 17)
- U. S. Geological Survey diamond-drill hole

Sections along lines A-A', B-B', C-C', and D-D' shown on plate 19. Section along line E-E' shown on plate 20



GEOLOGIC MAP OF THE TIN MOUNTAIN PEGMATITE, CUSTER COUNTY, SOUTH DAKOTA

