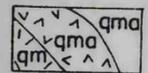


EXPLANATION

- Qm Qm
- Mantle
- agp agp

Aplite, granite porphyry, granite, and pegmatite. Residual boulders believed to be essentially in place



Quartz monzonite. Unaltered, qm; altered, qma. Unpatterned areas are residual boulders believed to be essentially in place

Contact, dashed where approximately located

Limit of areas of residual boulders essentially in place

Projected contacts and projected limits of silicified zone

Fault approximately located

Massive silica vein

Discontinuous silica stringers cutting qma and massive silica breccia

Breccia symbol superimposed upon rock type

Uranium minerals recognized

Isorads, approximately located. Readings obtained with a portable survey meter; six 14-in. gamma tubes connected in parallel were used as a probe. 10, meter readings on the 2.0 scale of the survey meter, and 5, meter reading on the 20.0 scale

R-O-27, 1.0', 0.016
R-O-27, sample number; 1.0', sample length across structure; 0.016, percent uranium

Topography by A. J. Gude 3 d
September 1950

Geology by W. A. Roberts, 1950

GEOLOGIC MAP OF LOCALITY 3. JEFFERSON COUNTY, MONTANA