



- EXPLANATION**
- Pleistocene and Recent*
- Talus mantle
 - Alluvium
 - Lower terrace
 - Upper terrace
May be wholly or in part Tertiary in age
- Tertiary*
- Andesite, andesite porphyry, dacite porphyry
Undifferentiated
 - Aplite, granite porphyry, granite, pegmatite
Undifferentiated
 - Granite porphyry
Where mapped separately
 - Granite pegmatite
 - Quartz monzonite pegmatite
 - Quartz monzonite
 - Inclusion
Altered older rocks
- CRETACEOUS OR OLDER*
- Contact
Dashed where approximately located, dotted where concealed
 - Contact
Doubtful or probable
 - Fault, showing dip
Approximately located
 - Fault, showing dip
Inferred fault, Doubtful or probable
 - Silicified reef, showing dip
Dashed where approximately located
 - Silicified area
Superimposed on rock symbol
 - Sericitized area
Original rock type cannot be distinguished
 - Dip of dike or sills
 - Vertical dip
 - Portal of adit
 - Mine
 - Prospect pit

Topography from maps of Missouri Basin Project,
U. S. Bureau of Reclamation, prepared by
Fairchild Aerial Surveys, Inc.

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1953 M R-8768

Geology by W. A. Roberts and A. J. Gude, 3d
September 1950

GEOLOGY OF AREA CONTAINING URANIFEROUS DEPOSITS WEST OF CLANCEY, JEFFERSON COUNTY, MONTANA

