



**EXPLANATION**

**Quaternary**

**Pleistocene and Recent**

**Miocene**

**PERMIAN OR OLDER TERTIARY TO CRETACEOUS**

**Qal**  
Alluvium  
*Unconsolidated sand, gravel, and silt. Glacial and colluvial deposits are not separated from the bedrock they overlie*

**Tcr**  
Columbia River Basalt  
*Flows of basalt and minor amounts of interbedded agglomerate of middle to late Miocene age*

**pT**  
Pre-Tertiary rocks  
*Greenstone, schist, gneiss, and other metamorphic rocks, and granitic rocks*

**Contact**  
*Dashed where approximately located*

**Normal fault**  
*Dashed where approximately located or inferred; dotted where concealed. U, upthrown side; D, downthrown side. Faults older than Columbia River Basalt are not shown*

**Strike and dip of beds**

**Horizontal beds**

**Anticline**

**Syncline**

**Analyzed specimen**  
*Bar points to locality*

Base map by Topographic Division  
U.S. Geological Survey, 1938

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—62107  
Geology by Warren Hamilton, 1952-61

**GEOLOGIC OUTLINE MAP OF THE RIGGINS QUADRANGLE, IDAHO  
SHOWING DISTRIBUTION OF COLUMBIA RIVER BASALT**

