



EXPLANATION

Recent	Qal	<p>Alluvium Sand, gravel, and silt. Some material of glacial derivation may be included</p>
Pleistocene	Qg	<p>Glacial deposits Mostly poorly sorted gravel and sand, some silt. Part in well-formed moraines. Locally masks sediments of Miocene (?) age</p>
Miocene (?)	Ts	<p>Sediments Largely compacted silt, but only slightly cemented. Some gravel and sand</p>
	Tv	<p>Volcanic rocks Lava flows and breccias of intermediate to silicic composition, with tuff beds</p>
	TKg	<p>Granitic rocks of outlying masses Light- to dark-gray granitic rock whose composition varies from that of granite to granodiorite or even diorite</p>
	TKgg	<p>Gneissic granite Rocks associated with and grading into the granitic rocks of outlying masses, but of distinctly gneissic texture</p>
	TKig	<p>Injection gneiss Sedimentary rock to which much igneous material of a wide range in composition has been added</p>
	Kib	<p>Granitic rocks of Idaho batholith Light-gray, faintly gneissic granitic rock, mostly with the approximate composition of quartz monzonite</p>
	Kbg	<p>Border-zone gneiss of the Idaho batholith Light- to dark-gray stratiform gneiss containing material of igneous derivation and cut by aplite and granite</p>
	Kxp	<p>Xenoliths and detached pendants Rocks included in the Idaho batholith, derived from sedimentary rocks, but now much changed and, in part, injected with igneous material</p>
	pCw	<p>Wallace formation Impure, siliceous limestone, calcareous argillite, and quartzitic argillite</p>
	pCg	<p>Grinnell argillite Bluish-gray to reddish-purple argillite, and argillaceous quartzite</p>

Belt series

Dashed where approximately located  
 U — ? — D  
 Probable fault  
 Dotted where concealed  
 U, upthrown side; D, downthrown side  
 Strike and dip of stratification  
 Strike and dip of foliation

QUATERNARY

TERTIARY

CRETACEOUS

PRE-CAMBRIAN

Base from map of the U. S. Geological Survey, Hamilton quadrangle, Montana

Geology by C. P. Ross, 1946-48, with additions of data adapted from map by C. M. Langton for the northern part of the quadrangle

RECONNAISSANCE GEOLOGIC MAP OF THE HAMILTON QUADRANGLE, MONTANA

