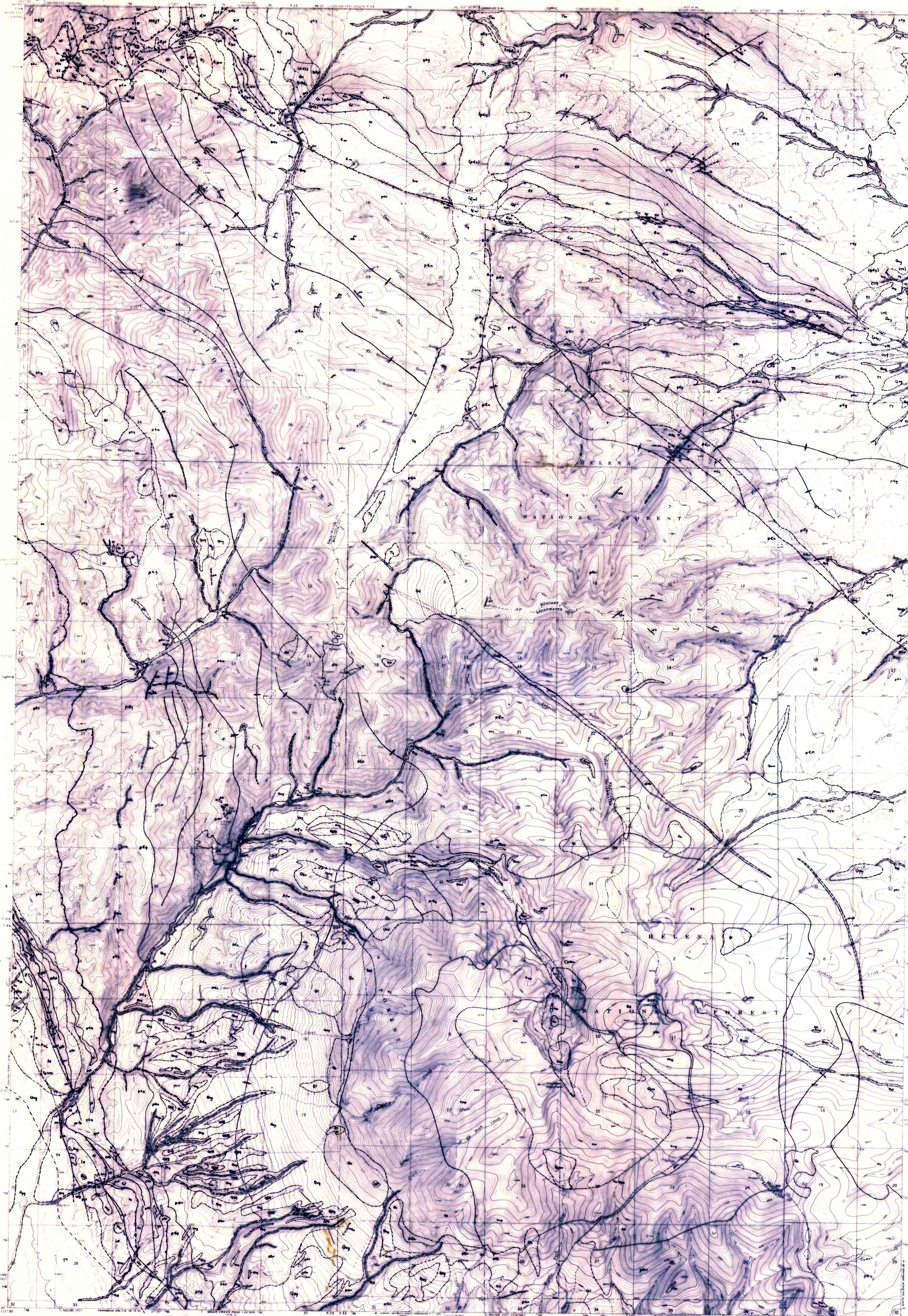


CORRELATION OF MAP UNITS									
Ql	Qe	Qyg	Qsg						
	Qog	Qym	Qd						
		Qom							
		Tg							
		Tt	Tb						
la	dio	min	an						
Km	Kmp	Ks	Ksn						
		Fa							
	Mh	Mho							
		Mm							
		Ml							
	MDt	MDjt							
	Dj								
		¢pm							
		¢ps							
		¢m							
		¢w							
		¢f							
		gb	diab						
		pCh							
		pCe							
		pCs							
		pG	ls						
		qzt							
		pEn							
		pEn							

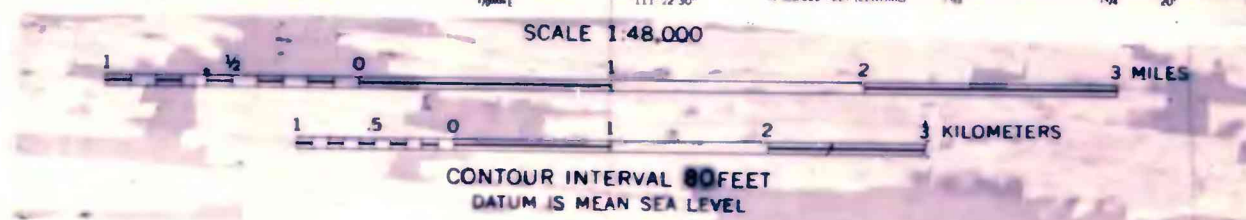
LIST OF MAP UNITS

- HOLOCENE DEPOSITS
- Qc Colluvial deposits
- Ql Landslide deposits
- Qyg Young gravel deposits
- Qsg Alluvial and colluvial deposits of reworked older gravel
- PLEISTOCENE DEPOSITS
- Qog Older gravels--Several ages
- Qym Younger morainal deposits
- Qom Older morainal deposits
- Qd Solifluction deposit
- Tg PLIOCENE GRAVEL DEPOSITS--Bentonitic matrix
- MIOCENE DEPOSITS
- Tt Water-laid tuff and minor gravel
- Tb Basalt flow
- CRETACEOUS ROCKS
- la Latite
- dio Diorite
- min Minette
- an Andesite
- Km Monzonite
- Kmp Monzonite porphyry
- Ks Syenite complex--Several textural facies and derived rock types
- Ksn Mixed rock--Syenite and Newland Formation (Precambrian) in roughly equal amounts
- Fa PENNSYLVANIAN AMSDEN FORMATION
- MISSISSIPPIAN ROCKS
- Mh Heath Formation
- Mho Heath and Otter Formations
- Mm Mission Canyon Limestone
- Ml Lodgepole Limestone
- MISSISSIPPIAN AND DEVONIAN ROCKS
- MDt Three Forks Formation
- MDjt Three Forks Formation and Jefferson Dolomite
- Dj DEVONIAN JEFFERSON DOLOMITE
- CAMBRIAN ROCKS
- ¢pm Pilgrim Limestone
- ¢ps Park Shale
- ¢m Meagher Limestone
- ¢w Wolsey Shale
- ¢f Flathead Sandstone
- PRECAMBRIAN ROCKS
- gb Gabbro
- diab Diabase
- pCh Helena Limestone
- pCe Empire Siltite
- pCs Spokane Siltite
- pG Greyson Siltite
- ls Limestone beds
- qzt Quartzite bed
- pEn Newland Formation
- pEnl Limestone

- Contact--Dashed where approximately located or inferred; dotted where concealed
- High-angle fault--Showing relative horizontal movement. Dashed where approximately located or inferred. U, upthrown side, D, downthrown side
- Thrust fault--Sawteeth on upper plate. Dashed where approximately located or inferred; dotted where concealed
- Anticline
- Syncline



Base from U.S. Geological Survey, 1:24,000:
Boulder Baldy, Diamond City, Watson, and
Whites City, 1966



Geology mapped in 1968-71

U.S. Geological Survey
OPEN FILE REPORT

This map is preliminary and has not
been edited or reviewed for conformity
with Geological Survey standards or
nomenclature.

PRELIMINARY UNEDITED GEOLOGIC MAP OF THE CONFEDERATE GULCH AREA,
BROADWATER AND MEAGHER COUNTIES, MONTANA

By
J. L. Guoltieri
1975