



CORRELATION OF MAP UNITS

Qa	}	QUATERNARY
Qg		
Unconformity		
Zd	}	LATE PROTEROZOIC (?)
Ym		
Ybs		
Ypl	}	MIDDLE PROTEROZOIC
Ymb		
Yr		

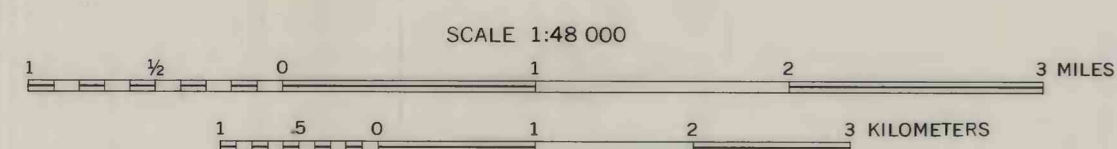
EXPLANATION OF MAP UNITS

- Qa ALLUVIUM (QUATERNARY)
 - Qg GLACIAL DEPOSITS (QUATERNARY)
 - Zd METADIORITE SILL (LATE PROTEROZOIC ?)
 - Ym MCNAMARA FORMATION (MIDDLE PROTEROZOIC)--
Grayish-green siltite, argillite and minor arenite
 - Ybs BONNER QUARTZITE, MOUNT SHIELDS, SHEPARD
AND SNOWSLIP FORMATIONS (MIDDLE
PROTEROZOIC)--Argillite, siltite, limestone,
arenite and conglomerate
 - Ypl PURCELL LAVA (MIDDLE PROTEROZOIC)--Basalt flows
 - Ymb HELENA OR WALLACE FORMATION (MIDDLE PROTEROZOIC)--
Dolomite, limestone, argillite, siltite and arenite
 - Yr EMPIRE AND GRINNELL FORMATIONS (MIDDLE
PROTEROZOIC)--Argillite, siltite and minor arenite
- CONTACT
 NORMAL FAULT --Bar and ball on downthrown side
 THRUST FAULT --Sawteeth on upper plate
- X X PROSPECTS OR MINES
 1 Independence Mine
 2 Twin Peaks Mines
- GR5 ROCK SAMPLE SITE
 ▲ 6SS STREAM SEDIMENT SAMPLE SITE

Base from U.S. Geological Survey, 1:24,000
Eureka North, Fontine, Ksanka Peak, Mount
Marston, and Stahl Peak, 1963.

Geology generalized from Whipple, 1984

Plate I. Sample location map, Ten Lakes Wilderness Study Area, Lincoln County, Montana.



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This report is preliminary and has not been reviewed for conformity with
U.S. Geological Survey editorial standards and stratigraphic nomenclature.