

Base from U.S. Geological Survey
1:24,000, 1968

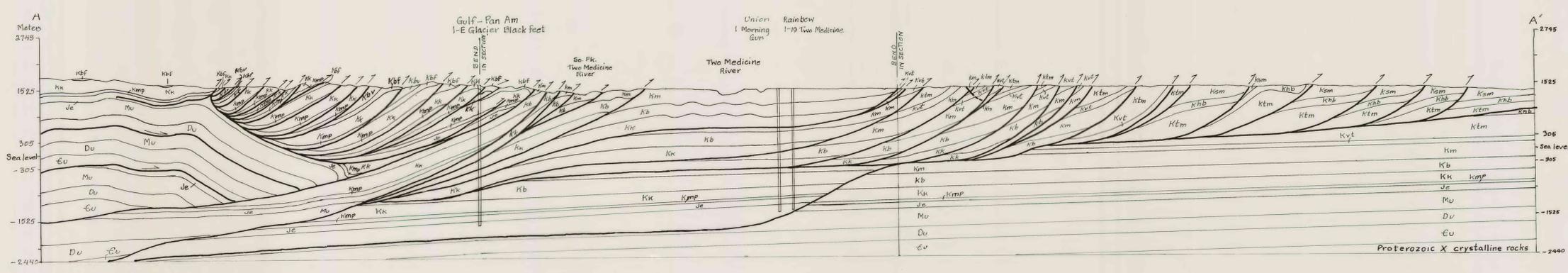
SCALE 1:48 000
0 1 2 3 MILES
0 1 2 3 KILOMETERS

Geology mapped in 1977-79

EXPLANATION		
Ksm	St. Mary River Formation	Upper Cretaceous
Khb	Horseshief Sandstone and Bearpaw Shale	
Ktm	Two Medicine Formation	
Kvt	Virgelle Sandstone and Telegraph Creek Formation	
Km	Marion River Shale	
UNCONFORMITY		CRETACEOUS
Kb	Blackleaf Formation	
Kbv	Kbv, Vaughn Member	Lower Cretaceous
Kbf	Kbf, Flood Member	
UNCONFORMITY		JURASSIC
Kk	Kootenai Formation	
UNCONFORMITY		Upper Jurassic
Kmp	Mount Pablo Formation	
UNCONFORMITY		Middle Jurassic
Js	Swift Formation	
Je	Ellis Group	
Jr	Rierdon Formation	MISSISSIPPIAN
Jsa	Sawtooth Formation	
UNCONFORMITY		MISSISSIPPIAN
Mu	Madison Group undivided	
UNCONFORMITY		MISSISSIPPIAN
Du	Devonian rocks undivided	
UNCONFORMITY		MISSISSIPPIAN
Eu	Cambrian rocks undivided	

MAP SYMBOLS	
Dashed where inferred	
CONTACT	
FAULTS	
	Thrust--Showing dip. Sawteeth on upper plate
	Normal or tear--Bar and ball on downthrown side. Arrows show direction of relative movement
FOLDS--Showing crestline, direction of dip of limbs, and direction of plunge	
	Anticline
	Overturned anticline
	Syncline
	Overturned syncline
STRIKE AND DIP OF BEDS	
	Inclined
	Vertical
	Overturned
TEST WELLS FOR OIL AND GAS--Symbols may be combined	
	Oil well
	Gas well
	Show of oil
	Show of gas
	Dry hole

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



GEOLOGIC MAP OF THE MITTEN LAKE, HALF DOME CRAG, HYDE CREEK, EAST GLACIER PARK, BIG ROCK, AND MAGEE RANCH QUADRANGLES, PONDERA AND GLACIER COUNTIES, MONTANA

By
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