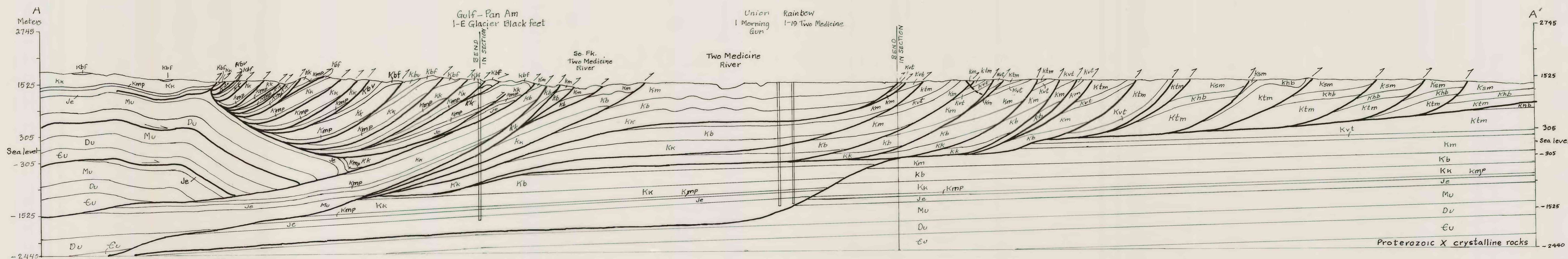


EXPLANATION				
<div>Ksm</div> <div>Khb</div> <div>Ktm</div> <div>Kvt</div> <div>Km</div>	St. Mary River Formation	}		
	Horseshief Sandstone and Bearpaw Shale		Upper Cretaceous	
	Two Medicine Formation			
	Virgelle Sandstone and Telegraph Creek Formation			
	Marias River Shale			
UNCONFORMITY		}		
<div>Kb</div> <div>Kbv</div> <div>Kbf</div>	Blackleaf Formation		Lower Cretaceous	
	Kbv, Vaughn Member			
	Kbf, Flood Member			
UNCONFORMITY				
<div>Kk</div>	Kootenai Formation			
UNCONFORMITY				
<div>Kmp</div>	Mount Pablo Formation			
UNCONFORMITY		}		
<div>Js</div> <div>Jr</div> <div>Jsa</div>	Swift Formation		Upper Jurassic	
	Rierdon Formation			
<div>Jsa</div>	Sawtooth Formation			}
UNCONFORMITY		}		
<div>Mu</div>	Madison Group undivided		MISSISSIPPIAN	
UNCONFORMITY				
<div>Du</div>	Devonian rocks undivided			
UNCONFORMITY				
<div>Cu</div>	Cambrian rocks undivided			
UNCONFORMITY				

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	
Overtured anticline	
Syncline	
Overtured syncline	
STRIKE AND DIP OF BEDS	
Inclined	
Vertical	
Overtured	
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 reviewed 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
MR. Mudge, RL. Earhart, WJ. Perry, Jr., and R.G. Bohannon