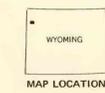
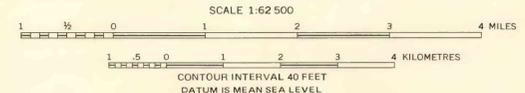


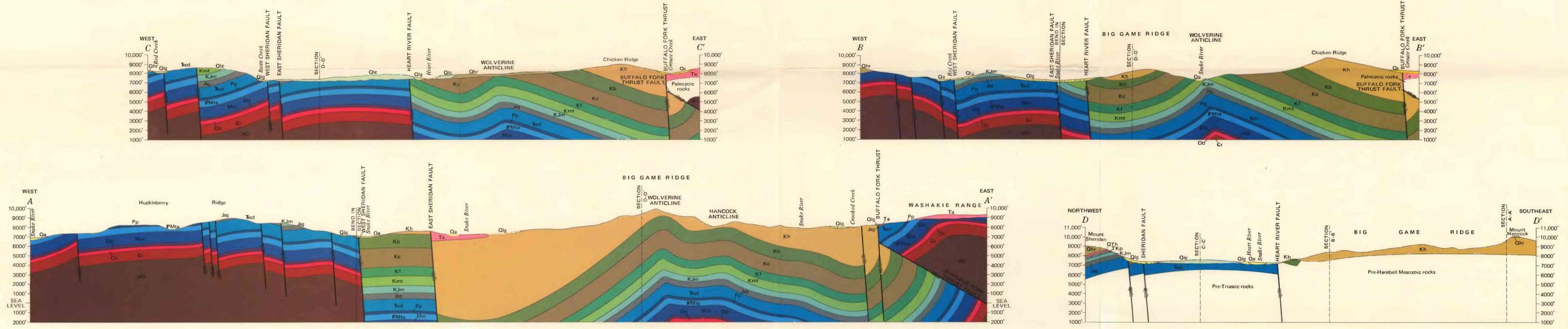
CORRELATION OF MAP UNITS		LIST OF MAP UNITS				
Qa	Qh	Qlg	Qs	Holocene	Qa	SURFICIAL DEPOSITS
Qlc	Ql	Qhr	Qti	Pleistocene	Qh	Alluvium and terrace deposits (Holocene)
Unconformity	Ta	TKp	Kh	Pleistocene or Pliocene	Qlg	Hot-springs deposits (Holocene)
Unconformity	Kb	Kc	Kf	Eocene	Qs	Landslide and glacial deposits (Holocene and Pleistocene)
Unconformity	Km	Jsg	Jkm	Paleocene	Qlc	Undifferentiated surficial deposits (Holocene and Pleistocene)
Unconformity	Jsg	Jsg	Jsg	Upper Cretaceous	Qli	LAVA CREEK TUFF OF YELLOWSTONE GROUP (PLEISTOCENE)
Unconformity	Jsg	Jsg	Jsg	Lower Cretaceous	Qli	LEWIS CANYON RHYOLITE (PLEISTOCENE)
Unconformity	Jsg	Jsg	Jsg	Upper Jurassic	Qhr	HUCKLEBERRY RIDGE TUFF OF YELLOWSTONE GROUP (PLEISTOCENE)
Unconformity	Jsg	Jsg	Jsg	Middle Jurassic	Qti	QTI DIKES OF IGNEOUS ROCKS (QUATERNARY OR TERTIARY)
Unconformity	Jsg	Jsg	Jsg	Triassic	Qth	QTH HEART LAKE CONGLOMERATE (PLEISTOCENE OR PLEISTOCENE)
Unconformity	Jsg	Jsg	Jsg	Permian	Ta	ABSAROKA VOLCANIC SUPERGROUP (EOCENE) - Locally includes younger mafic igneous rocks
Unconformity	Jsg	Jsg	Jsg	Pennsylvanian	TKp	TKp PINYON CONGLOMERATE (PALEOCENE AND UPPER CRETACEOUS)
Unconformity	Jsg	Jsg	Jsg	Mississippian	Kh	Kh HARBELL FORMATION (UPPER CRETACEOUS)
Unconformity	Jsg	Jsg	Jsg	Devonian	Kb	Kb BACON RIDGE SANDSTONE (UPPER CRETACEOUS)
Unconformity	Jsg	Jsg	Jsg	Ordoevician	Kc	Kc CODY SHALE (UPPER CRETACEOUS)
Unconformity	Jsg	Jsg	Jsg	Cambrian	Kf	Kf FRONTIER FORMATION (UPPER CRETACEOUS)
Unconformity	Jsg	Jsg	Jsg	Precambrian	Kmt	Kmt MOWRY AND THERMOPOLIS SHALES (LOWER CRETACEOUS)
					Kjm	Kjm CLOVERLY AND MORRISON(?) FORMATIONS (LOWER CRETACEOUS AND UPPER JURASSIC)
					Jsg	Jsg SUNDANCE AND GYPSUM SPRING FORMATIONS (UPPER AND MIDDLE JURASSIC)
					Jsg	Jsg CHUGWATER AND DINWOODY FORMATIONS (TRIASSIC)
					Jsg	Jsg PHOSPHORIA FORMATION AND RELATED ROCKS (PERMIAN)
					Jsg	Jsg TENSLEEP SANDSTONE (PENNSYLVANIAN) AND AMSDEN FORMATION (PENNSYLVANIAN AND MISSISSIPPIAN)
					Jsg	Jsg MADISON LIMESTONE (MISSISSIPPIAN)
					Jsg	Jsg DARBY FORMATION (DEVONIAN)
					Jsg	Jsg BIGHORN DOLOMITE (ORDOVICIAN) - Shown only in sections
					Jsg	Jsg CAMBRIAN ROCKS - Shown only in sections
					Jsg	Jsg PRECAMBRIAN ROCKS - Shown only in sections

Base from U.S. Geological Survey  
Huckleberry Mountain and West Thumb, 1956,  
Mount Hancock and Frank Island, 1959



Geology by J. D. Love, 1945-49 and 1964-67,  
assisted by H. R. Bergquist, R. K. Hose, and J. L. Weitz;  
and by W. R. Keifer, 1966-67, assisted by M. F. Gregorich  
and G. O. Linkletter

- CONTACT
- FAULT - Dashed where approximately located; dotted where concealed. Bar and half on downthrown side
- THRUST FAULT WITH YOUNGER NORMAL FAULT ALONG SAME TRACE - Dashed where approximately located; dotted where concealed. Sawtooth on upper plate of thrust fault; hachures on downthrown side of normal fault
- CRESTLINE OF ANTICLINE - Showing direction of plunge. Dotted where inferred
- TROUGHLINE OF SYNCLINE - Dotted where inferred
- STRIKE AND DIP OF BEDS - Thick sequences of incompetent shales, especially those in Jurassic and Cretaceous rocks in areas of faulting, sharp folding, or steep slopes, have unreliable dips and misleading widths of outcrop
- Inclined
- Vertical
- Overtured
- x MEASURED SECTION (CENTRAL LOCATION)



GEOLOGIC MAP AND SECTIONS OF SEDIMENTARY ROCKS IN SOUTHERN YELLOWSTONE NATIONAL PARK, WYOMING