THREE FORKS BASI					EE FORKS BASIN	STRATIGRAPHIC COLUMN	
ERA	PERIO	D EPOCH	UF	NIT NAME	LITHOLOGY	DESCRIPTION	
CENOZOIC		HOLOCENE	ALLUVIUM COLLUVIUM NEOGLACIATION		~~~)	Immature silt, sand and gravel; chaotic debris, till in cirques (0-100').	
		PLEISTOCENE	PINEDALE, BULL		WXXXXXXXX	Lacustrine silt; fresh, weathered, and deeply weathered till (0-200'). Welded phenocryst-rich rhyolitic ash-flow tuff (2 my B.P.) (0-200').	
		PLIOCENE	UNNAMED GRAVEL BOZEMAN GROUP GALLATIN ABSAROKA VOLCANICS			Unconsolidated stream gravel (0-100').	
		MIOCENE				Light-colored alternating biosparite, tuffaceous biomicrite, tuffaceous silty shale, vitric ash, and conglomerate, with cross-bedded sandstone in upper part (0-5,000').	
		OLIGOCENE					
		EOCENE				Light to dark grayish-brown andesite and basalt flows, breccia, agglomerate, and tuff (0-6,000').	
			/ / / / / / / / / / / / / / / / / / /		0.0000000000000000000000000000000000000	Conglomerate consisting of Precambrian and later boulders and cobbles (0-50').	
		PALEOCENE	FORT UNION ?		العقودية	Light brown to dark gray sandstone and basal conglomerate (0-600').	
2 2	CEOUS		LIVINGSTON GROUP			Light and dark grayish-green andesitic or tuffaceous silt- stone, sandstone, and conglomerate with some fresh-water limestone lenses in the lower part (0-7,000').	
MESOZOIC		UPPER	EAGLE			Light gray, thin- to thick-bedded, locally cross-bedded, fine to medium grained, salt and pepper sandstone with some intercalated carbonaceous shale and thin coal beds (0-600').	
				TELEGRAPH	- 10 -	Medium gray, thin-bedded siltstone containing calcareous concretions and some resistant sandstone beds (0-250').	
			OUP	CODY		Medium to dark gray and brown thin-bedded shale with some beds of siltstone and sandstone, especially in middle part. Locally fossiliferous (50-600').	
	CRETAC		O GR	FRONTIER OO MOWRY		Buff to medium gray thin- to medium-bedded, fine- to coarse-grained arkosic sandstone, locally silty (50-200').	
	CR		COLORAD			Grayish-brown and green shale and siltsone with some sand- stone beds. Locally carbonaceous (25-400'). Medium gray to black shale with numerous fine- to medium- grained gray sandstone beds. Locally arkosic, glauconitic, or carbonaceous. Lower resistant sandstone.	
		LOWER		KOOTENAI	ر م	Buff to light gray, medium- to thick-bedded shale and sand- stone with cross-bedded basal conglomerate. Locally con- tains fresh-water limestone nodules and beds near top (100-490').	
	JURASSIC	DISCONF	~	MORRISON		Variegated red and green, thin- to medium-bedded shale and siltstone with intercalated yellowish-brown calcareous siltstone and sandstone. Upper part locally contains carbonaceous shale (110-444').	
			SWIFT RIERDON- SAWTOOTH			Yellowish-brown, medium-bedded, fine-grained, calcareous sandstone. Basal chert conglomerate (100'). Upper massive gray, resistant colitic limestone. Lower variegated and mostly dark gray limestone with interbedded	
PALEOZOIC	PERM	DISCONF	PHOSPHORIA		00000	siltstone and shale. Chert pebbles in lower part (200'). Pale yellowish-brown, calcareous sandstone with chert nodules & breccias (0-26').	
	PENNSYLVANIAN P		QUADRANT			White to pinkish-gray, medium- to thick-bedded (locally cross-bedded), subrounded, fine- to medium-grained ortho-quartzite; dolomitic in lower part (135-250').	
		100	AMSDEN			Pale yellow to reddish-brown, medium— to thick-bedded siltstone with some dolomite and impure fossiliferous limestone beds (11-189').	
		DISCONF	<u></u>	~~	/		

