

VERTICAL SCALE
IN FEET

0
5
10
20
30
40
50
60
70
80

1224
Big Sheep Canyon

WRL-98-47
WRL-96-47
WRL-94-47
WRL-92-47
WRL-90-47
WRL-88-47
WRL-84-47
WRL-81-47
WRL-79-47
WRL-77-47
WRL-74-47
WRL-72-47
WRL-68-47
WRL-65-47
WRL-61-47
WRL-56-47
WRL-54-47
WRL-52-47
WRL-49-47

1247
Wadhams Spring

ERC-144
DAB-144
ERC-139
ERC-137
DAB-135
DAB-132
ERC-130
ERC-128
ERC-126
DAB-124
DAB-122

1302
West Fork
Blacktail Creek

667-ERC
665-ERC
663-ERC
661-CWT
659-CWT
657-CWT
655-CWT
653-CWT
652-ERC
648-ERC
677-CWT
675-CWT
673-CWT
671-CWT
680-ERC
678-ERC

Not analyzed

1241
Sawtooth Mountain

FSH-438
FSH-436
FSH-434
FSH-432
FSH-430
FSH-428
FSH-426

Not analyzed

1299
Hogback Mountain

3552-RSJ
3550-WJG
3548-WJG
3546-WJG
3544-WJG
3542-WJG
3540-WJG
3538-WJG
3536-WJG
3534-WJG
3532-WJG
3530-WJG
3528-WJG
3526-WJG
3524-WJG
3522-WJG
3520-WJG
3518-WJG
3516-WJG
3514-WJG
3512-WJG
3509-WJG
3507-WJG
3504-WJG
3501-WJG

Not analyzed

1311
Canyon Camp

719-RSJ
717-RSJ
715-RSJ
713-RSJ
711-CWT
708-CWT
706-CWT
704-CWT
701-CWT

Not analyzed

Sheared

1300
Warm Springs Creek

3382-WHW
3380-WHW
3378-WHW
3376-WHW

Not analyzed

1319
Lazyman Hill

739-ERC
737-ERC
734-ERC
749-WJG

Not analyzed

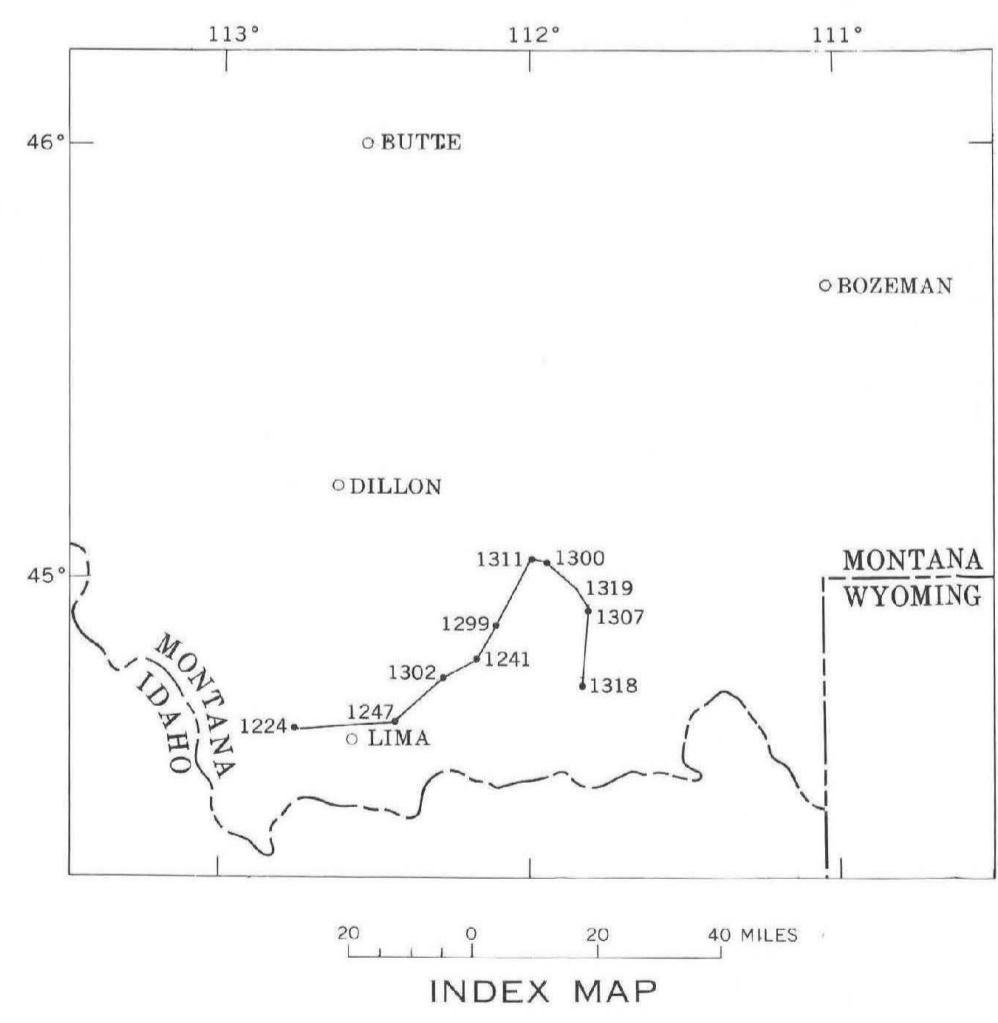
1307
Alpine Creek

3393-WHW
3391-WHW

Not analyzed

1318
West Fork
Madison River

3404-JLE
3402-JLE
3399-JLE
3398-JLE
3396-CWT



EXPLANATION

ROCK NAME	CONSPICUOUS MINOR CONSTITUENTS	HISTOGRAM SHOWING CHEMICAL ANALYSIS
Carbonate rock	Carbonate	100 0 Percent P ₂ O ₅ x 2.55
Limestone	Calcite	708-CWT Acid insoluble 0 100 Percent
Dolomite	Dolomite	Sample numbers listed to left of histogram column for selected units
Mudstone	Mud	
Sandstone	Sand	
Chert		
Pelletal	Pellets	
Oolitic	Oolites	
Skeletal	Skeletal fragments	
Nodular	Nodules	

CONTACTS BETWEEN BEDS

- Planar
- Irregular

R (2001)
BB
10.30-C

STRATIGRAPHIC RELATIONS OF THE RETORT PHOSPHATIC SHALE MEMBER OF THE PHOSPHORIA FORMATION FROM BIG SHEEP CANYON TO WEST FORK OF MADISON RIVER, MONTANA