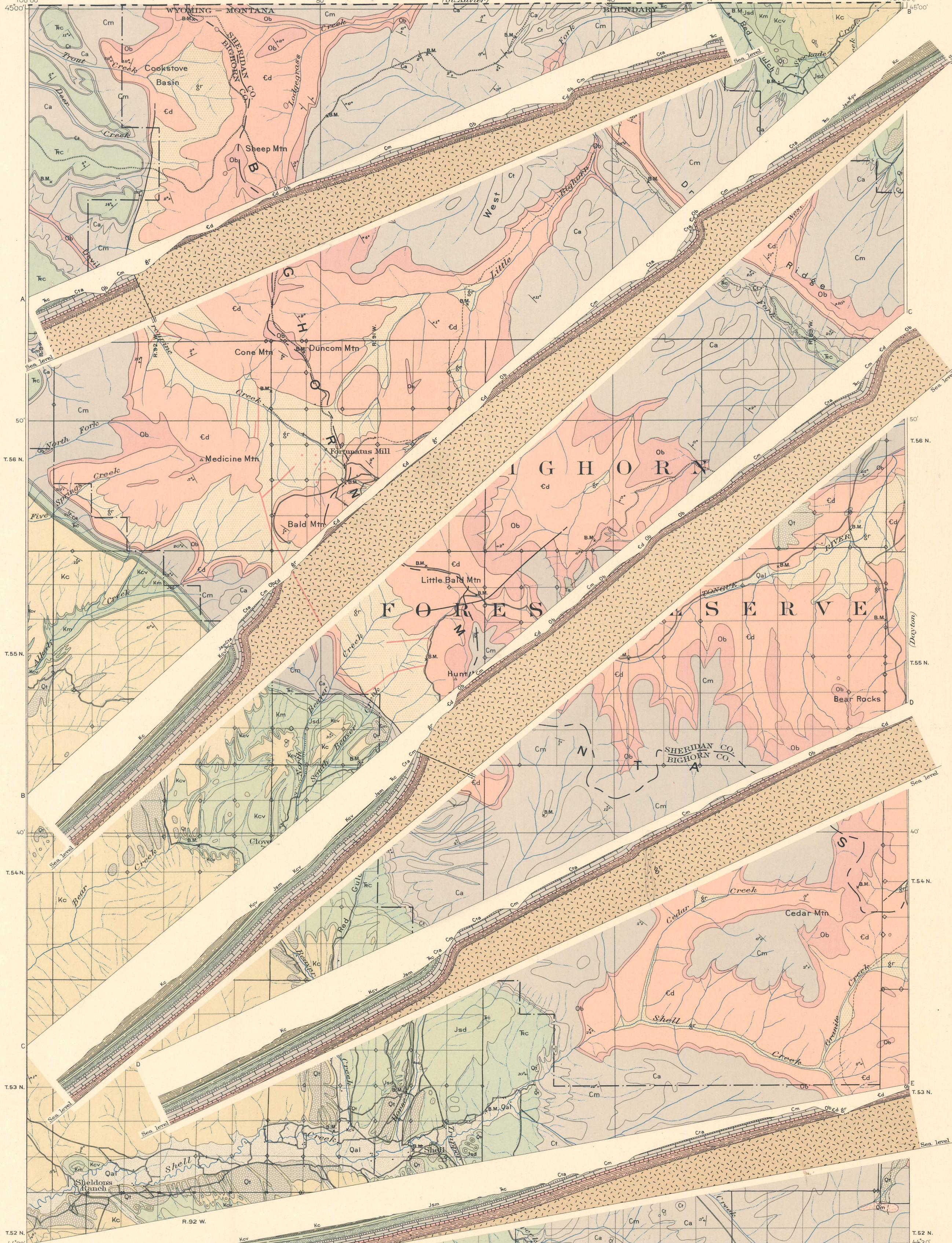


STRUCTURE SECTIONS



LEGEND

- SEDIMENTARY ROCKS**
- |                               |     |   |
|-------------------------------|-----|---|
| <b>QUATERNARY</b>             | Qal | Alluvium<br>(sand, gravel and loam;<br>only the larger masses are shown)  |
|                               | Qr  | Earlier terrace deposits  |
|                               | Qm  | Moraines<br>(later drift)   |
| <b>TERTIARY</b>               | Ts  | Sand and gravel<br>(on high divides)  |
| <b>CRETACEOUS</b>             | Kp  | Pierre shale<br>(dark gray shale)   |
|                               | Kc  | Colorado formation<br>(gray shale with thin, hard sandstones)   |
|                               | Kcv | Cloverly formation<br>(massive, buff sandstone overlain by gray to reddish clay)  |
| <b>CRETACEOUS OR JURASSIC</b> | Km  | Morrison formation<br>(gray, green, and maroon clay with thin limestone and sandstone beds)   |
| <b>JURASSIC</b>               | Jsd | Sundance formation<br>(green shale and buff sandstone)  |
| <b>TRIASSIC</b>               | Rc  | Chugwater formation<br>(red sandstone and sandy shales with gypsum and thin limestone beds)   |
| <b>CARBONIFEROUS</b>          | Ct  | Tensleep sandstone<br>(gray, white and buff massive sandstone)  |
|                               | Ca  | Amnsden formation<br>(limestones in part shaly; and sandstone with bright red sandstone at base)                                    |
| <b>MISSISSIPPIAN</b>          | Cm  | Madison limestone<br>(hard, massive limestone, gray and sandy below; light gray, brecciated and cavernous above)                    |
| <b>ORDOVICIAN</b>             | Ob  | Bighorn limestone<br>(very massive hard, cream-colored limestone overlain by softer beds)   |
| <b>CAMBRIAN</b>               | Cd  | Deadwood formation<br>(brown to buff sandstone, greenish gray shale, and gray greenish and pinkish limestone and limestone breccia) |
| <b>IGNEOUS ROCKS</b>          | Di  | Diabase<br>(dikes and plugs; the smaller ones not represented)  |
| <b>PRE-CAMBRIAN</b>           | gr  | Granite<br>(mostly red, locally gray, massive, coarse-grained granite)  |
- Faults
- Stippled* Strikes and dip of stratified rocks

Scale 1:25000  
1 1/2 0 1 2 3 4 5 Miles  
1 1/2 0 1 2 3 4 5 Kilometers

DIAGRAM OF TOWNSHIP  
6 5 4 3 2 1  
7 8 9 10 11 12  
13 14 15 16 17 18  
19 20 21 22 23 24  
25 26 27 28 29 30  
31 32 33 34 35 36

Geology by N.H. Darton, assisted by C.A. Fisher. Surveyed in 1902 and 1903.

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Triangulation by W.S. Post.  
Topography by Frank Tweedy.  
Surveyed in 1898.

APPROXIMATE MEAN DECLINATION 1902.