

EXPLANATION

SEDIMENTARY ROCKS

- Qal Alluvial deposits
- Og Glacial deposits (Terrace gravel, sand, silt, clays, fluvial and lacustrine deposits)
- Csl Shale and limestone
- pCl Libby formation
- pCap Striped Peak formation
- pCw Wallace formation
- pCr Ravalli formation
- pCp Prichard formation

IGNEOUS ROCKS

- sv Syenite stock
- md Metadiorite stock
- gq Stocks of granodiorite and quartz monzonite
- ms Sills, chiefly metadiorite
- mql Dikes and sills of metadiorite and quartz latite porphyry

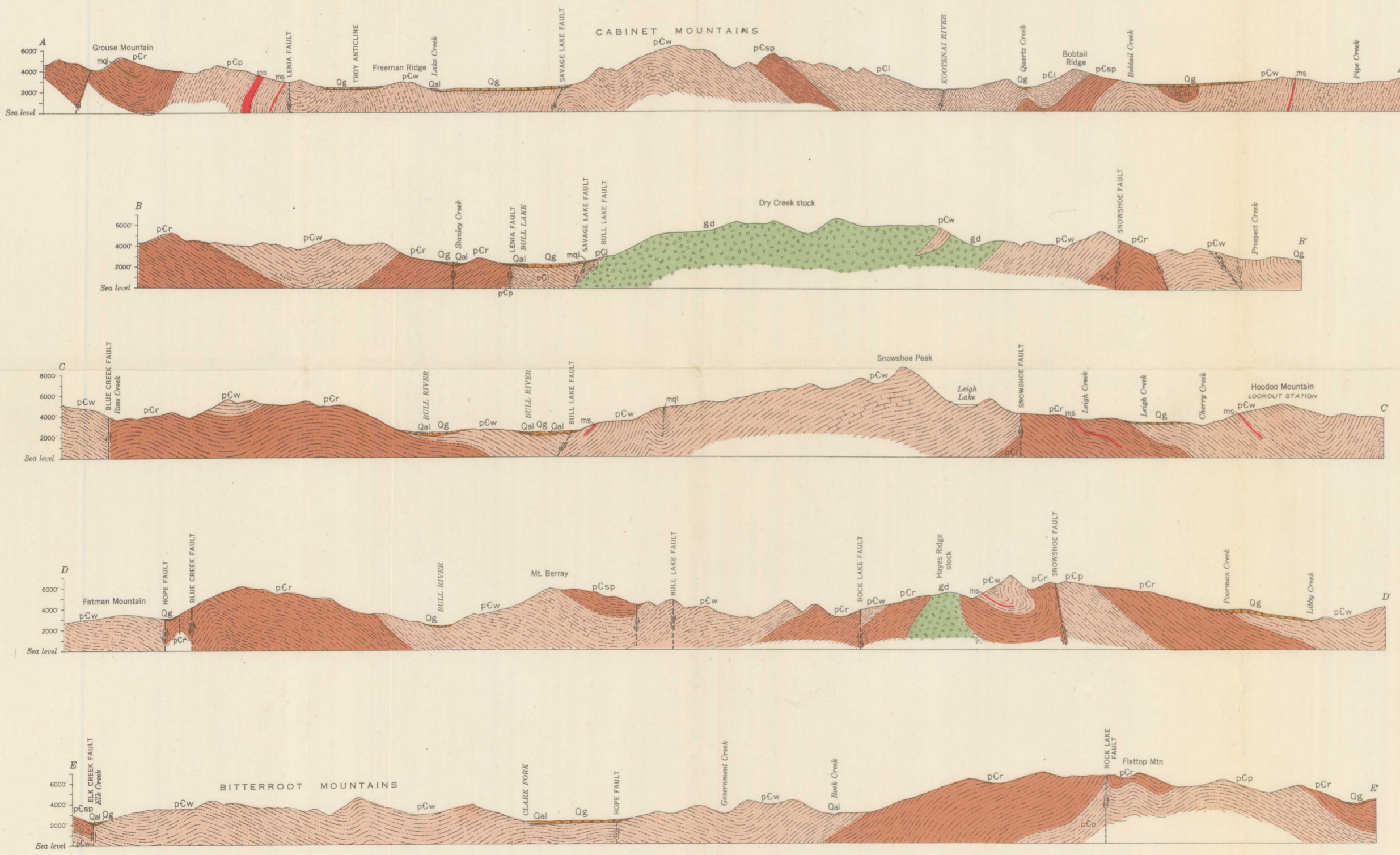
- Known contact
- Contact, approximate or inferred
- Known Fault, showing dip U, upthrown side, D, downthrown side
- Fault not accurately located
- Hypothetical or doubtful fault
- Concealed fault
- Strike and dip of beds
- Strike and dip of overturned beds
- Strike of vertical beds
- Horizontal beds
- Axis of anticline
- Axis of syncline
- Mine, prospect, or placer

LIST OF MINES, PROSPECTS, AND PLACERS

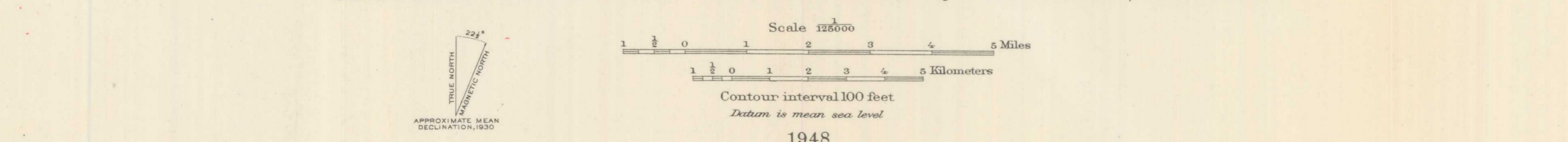
1. Weyerhauser
2. Gold Queen
3. Black Tail
4. Big Four
5. Kootenai
6. Big Eight
7. Topo
8. Esche
9. Montana Morning
10. Crater
11. American Eagle
12. Remp
13. Grouse Mtn.
14. Giant Sunrise
15. Silver Grouse
16. Silver Strike
17. Montana Premier
18. Grouse Mtn.
19. Little Spokane
20. Cabinet Queen
21. Hiawatha
22. Universal
23. Iron Mountain
24. Silver King
25. Black Horse
26. Bimetallic
27. Dome
28. Golden Bear
29. Bimetallic
30. Blue Bird
31. Keeler Mtn.
32. Demonstrator
33. Harbet
34. D. & W.
35. Loyal
36. Victor Empire
37. Double Mac
38. Silver Mountain
39. Mountain Rose
40. Hercules
41. Trio
42. Howard Placer
43. Treadwell
44. Montana Silver Lead
45. Missouri
46. Missouri
47. Texas Ranger
48. Montana Placer
49. Seattle
50. St. Paul
51. Silver Tip
52. Seattle
53. Copper Reward
54. Bear Creek Placer
55. Fairbault
56. Red Gulch Placer
57. Comet Placer
58. Oakland
59. Martin
60. Libby Placer
61. Silver Cable
62. Blue Creek
63. Statesman
64. Broken Hill
65. L. C. G. M. Co. Placer
66. L. C. G. M. Co. Placer
67. Ryan
68. Ulley
69. Diamond John
70. Regal
71. Freeman
72. Betty Mae
73. Williams
74. Mustang
75. Golden West
76. Mother Lode
77. Montezuma
78. Wayup
79. Price
80. Golden West
81. American Kootenai
82. Libby
83. Tip Top
84. Tip Top
85. Fisher Creek
86. Olson-Switzer
87. Fisher Creek
88. Fourth of July
89. Illinois-Montana
90. Irish Boy

Base by U. S. Geological Survey

Geology by Russell Gibson assisted by Ian Campbell, W. F. Jenks, J. H. Moses, A. W. Waldo, O. W. Jarrell, P. C. Henshaw, C. B. Moke, R. P. Sharp. 1929-32 and 1934.



GEOLOGIC MAP AND SECTIONS OF LIBBY QUADRANGLE, MONTANA



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