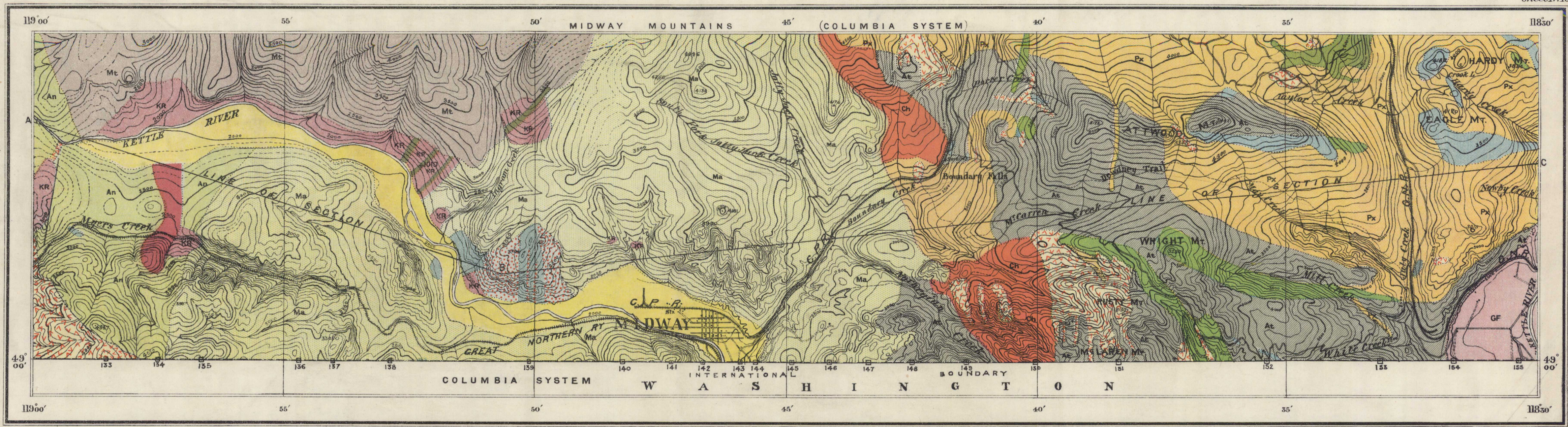
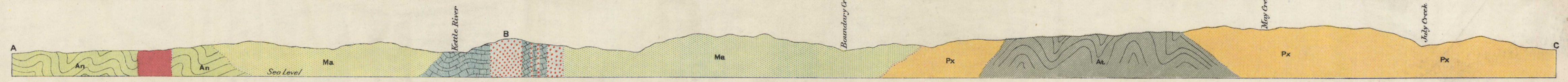


LEGEND

- Alluvium and glacial drift
- Mt
- Midway volcanic group  
trachyte and analcitic rhomb-porphyr;  
flows and pyroclastic deposits
- Ma
- Midway volcanic group  
andesites and basalt flows and pyroclastic  
deposits
- KR
- Kettle river formation  
sandstone, conglomerate, shale, etc.
- Px
- Phoenix volcanic formation  
flows and pyroclastic deposits of augite andesite, etc.
- At
- Attwood series  
argillite, quartzite, limestone
- An
- Anarchist series  
quartzite, phyllitic shales, greenstones with  
some limestone pods.
- Limestone  
crystalline, bluish-grey to white
- Ch
- Chlorite and hornblende schist
- GF
- Grand Forks schist  
amphibolite, hornblende schists, etc.
- Intrusive**
- Pulaskite porphyry  
dikes and sills
- Rhomb - porphyry
- Porphyrite  
hornoliths, dikes and sills
- Granodiorite  
stocks, dikes, etc.
- Serpentine  
dikes, etc.
- Symbols**
- Geological boundary
- Glacial striae



Topography from surveys made by the Boundary Commission.



Note. Structures shown in schists and limestone merely diagrammatic. On account of the small scale, many dikes and intrusive sheets of porphyrites and porphyries, as well as granodiorite apophyses are not plotted. Similarly many dikes which are syngenetic with the volcanics are not shown. Localities of chemically analyzed rocks, shown thus, + 1010

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**GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.**

Scale: 62500 - 09864 Statute Miles to 1 Inch



Contour interval, 100 feet



MAP 83A **83A**

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