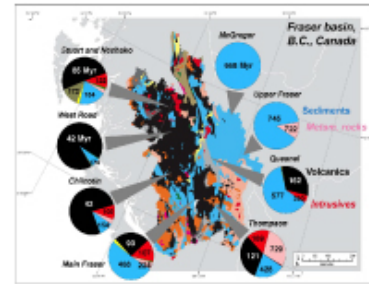


## Woods Hole World River Group: Fraser River basin bedrock geology

### Bedrock geology

The bedrock geology of the Fraser River drainage basin is color-coded according to rock type (blue - stratified, mostly marine sediments, yellow - continental sediments, black - volcanic rocks, red - felsic intrusive rocks, pink - metamorphic rocks, dark green - ultramafic rocks). The pie charts indicate the composition of tributary river basins to the Fraser River main stem. The numbers indicate the average age of the bedrock in the tributary basins in millions of years. The map emphasizes the contrast between the sediment-dominated, mostly Phanerozoic rocks of the western Rocky Mountains and the Coast Range that is dominated by young volcanic rocks. This map was created by combining digital outlines of the Fraser River basin and its subbasins (British Columbia Fisheries Service) with the digital geologic maps of Canada and the conterminous United States of America at scales of 1:5,000,000 and 1:2,500,000, respectively.



[Enlarge Image](#)

(Courtesy of Mark W. Miller, Benchmark GIS Services)

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