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Mapel, W. J., and Hail, W. J., Jr., 1959, Tertiary geology of the Goose Creek district, Cassia County, Idaho, Boxelder County, Utah and Elko County, Nevada: U.S. Geol. Survey Bull. 1055-H, p. 217-254.

The Goose Creek district is an area of about 260 square miles in the northern and central parts of an intermontane basin in southern Idaho and adjacent parts of Utah and Nevada. Tertiary rocks exposed in the district include the Payette(?) fm., of Miocene or Pliocene age, and the overlying Salt Lake fm., of Pliocene age. The Payette(?) fm. is at least 900 ft. thick and consists mainly of greenish-gray shale and white volcanic ash. The Salt Lake fm. is at least 2,300 ft. thick and consists largely of volcanic ash and welded rhyolitic tuff. Both fms. contain thin beds of carbonaceous shale and lignite. Concentrations of as much a 0.1% U occur locally in lignite and carbonaceous shale in the lower part of the Salt Lake fm. Most of the U-rich beds are on the flanks and in the trough of a shallow syncline in T16S, R21E, Idaho (auth. abs. in part).

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