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# Quaternary Fault and Fold Database of the United States

**As of January 12, 2017, the USGS maintains a limited number of metadata fields that characterize the Quaternary faults and folds of the United States. For the most up-to-date information, please refer to the interactive fault map.**

## unnamed fault near Poison Gulch (Class A) No. 612

**Last Review Date: 1993-03-17**

## Compiled in cooperation with the Idaho Geological Survey

***citation for this record:*** **Haller, K.M., compiler, 1993, Fault number 612, unnamed fault near Poison Gulch, in Quaternary fault and fold database of the United States: U.S. Geological Survey website, https://earthquakes.usgs.gov/hazards/qfaults, accessed 12/14/2020 03:02 PM.**

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| **Synopsis** | Fault is poorly understood, no known studies have been completed at time of this compilation. Sole source of data is Witkind (1975 #320). |
| **Name comments** | Fault as shown by Witkind (1975 #320) extends from east of Fritz Peak northwestward, along Poison Gulch, to near fork in channel of Irving Creek.<br><br>**Fault ID:** Refers to number 106 ("unnamed fault near Poison Gulch") in Witkind (1975 #320). |

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|---|---|
| **County(s) and State(s)** | CLARK COUNTY, IDAHO |
| **Physiographic province(s)** | NORTHERN ROCKY MOUNTAINS |
| **Reliability of location** | Poor<br>Compiled at 1:500,000 scale.<br><br>*Comments:* Location of fault based on 1:500,000-scale map of Witkind (1975 #320). |
| **Geologic setting** | High-angle, down-to-southeast, normal fault along south side of Poison Gulch and extending along north side of Irving Creek. Locally, the slip direction opposes topography. |
| **Length (km)** | 10 km. |
| **Average strike** | N53°E |
| **Sense of movement** | Normal<br><br>*Comments:* (Witkind, 1975 #320) |
| **Dip Direction** | SE |
| **Paleoseismology studies** | |
| **Geomorphic expression** | |
| **Age of faulted surficial deposits** | |
| **Historic earthquake** | |
| **Most recent prehistoric deformation** | undifferentiated Quaternary (<1.6 Ma)<br><br>*Comments:* Witkind (1975 #320) suggests fault is probably Quaternary structure. Fault is known to offset 5 Ma volcanics (B. Skipp, oral commun., 1993). Fault not shown on map of Breckenridge and others (2003 #5878). |
| **Recurrence** | |

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|---|---|
| **interval** | |
| **Slip-rate category** | Less than 0.2 mm/yr<br><br>*Comments:* Low slip rate is assigned based on the lack of evidence to indicate otherwise. |
| **Date and Compiler(s)** | 1993<br>Kathleen M. Haller, U.S. Geological Survey |
| **References** | #5878 Breckenridge, R.M., Lewis, R.S., Adema, G.W., and Weisz, D.W., 2003, Miocene and younger faults in Idaho: Idaho Geological Survey Map 8, 1 sheet, scale 1:1,000,000.<br><br>#320 Witkind, I.J., 1975, Preliminary map showing known and suspected active faults in Idaho: U.S. Geological Survey Open-File Report 75-278, 71 p. pamphlet, 1 sheet, scale 1:500,000. |