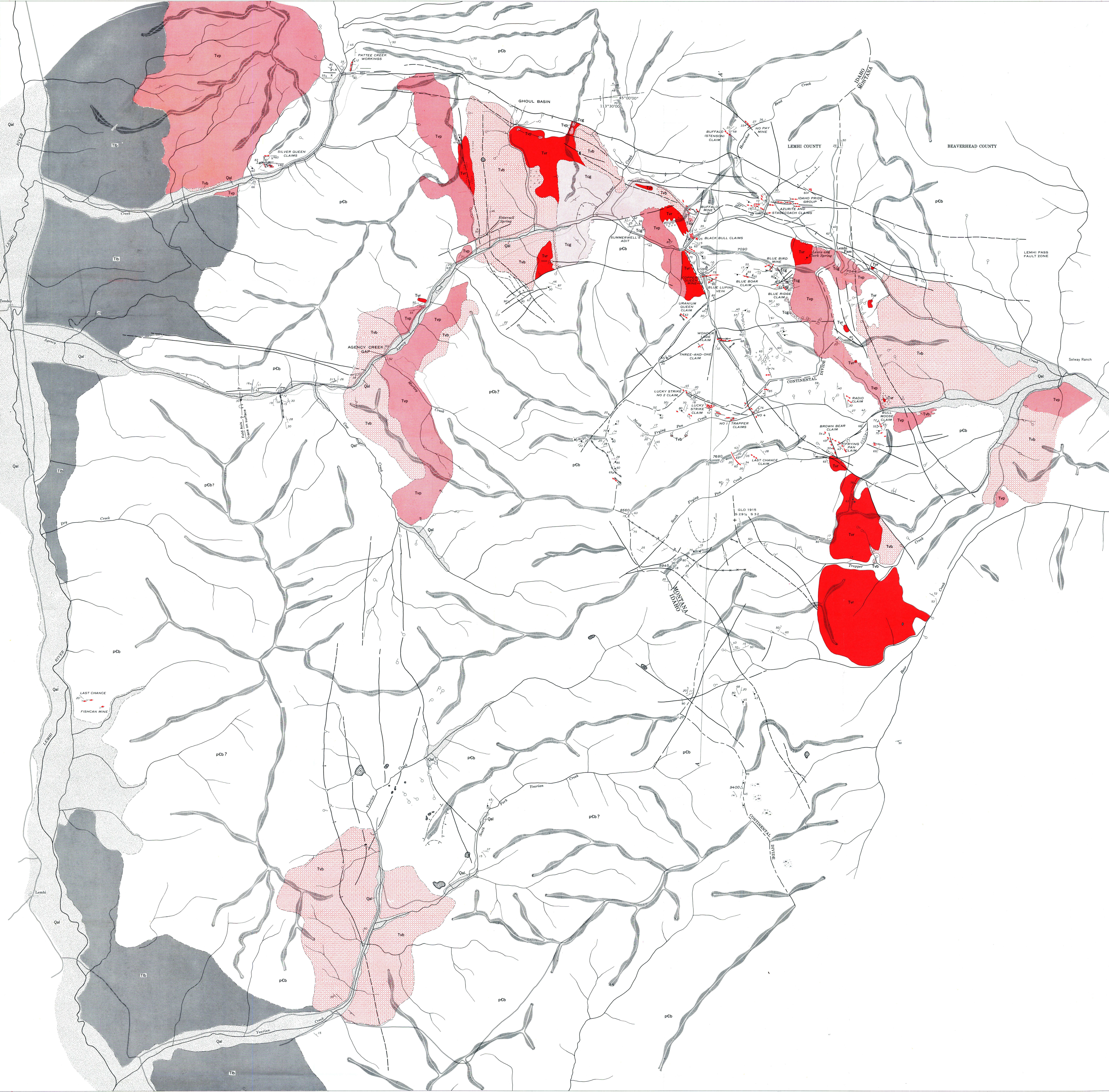
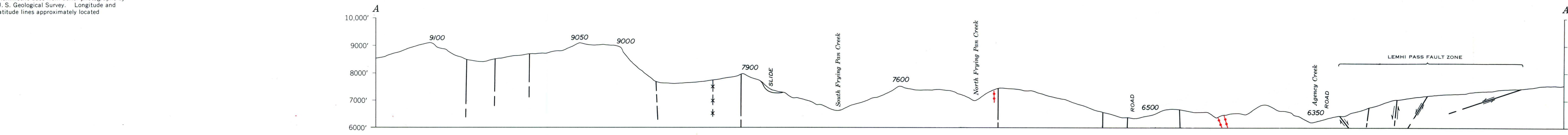




- EXPLANATION
- Qal Alluvium and fanglomerate gravels and sand
- Tib Lake beds (Bozeman lake beds of Peal, 1896) sandstone and shale containing beds of lignite, volcanic ash, and conglomerate
- Typ Pyroclastic rocks
Gray to white rhyolite ash flows and welded tuffs containing fragments of dark-gray granite
- Tr Rhyolite
Gray to greenish-gray porphyritic flow rock
- Tcb Basalt
Dark olivine-bearing flow rock
- pCb Micaceous quartzite and argillite of the Belt series
Light to dark-gray metamorphic rocks
- Diurnal dikes, showing dip
- Dark-green to gray-green, medium-grained, porphyritic, probably late Mesozoic or early Tertiary in age. Dashed where projected
- Quartz vein, showing dip
- White quartz veins containing hematite, thorite, copper-bearing sulfides, siderite, and barite
- Contact
- Dashed where approximately located
- Indefinite contact
- Terrace
- Fault, showing dip
- Dashed where indefinite or concealed. Dip arrow extended across fault signifies direction of dip estimated from aerial photographs
- Fault, showing dip and bearing and plunge of grooves
- Vertical fault
- Anticline, showing trace of axial plane
- Overturned anticline, showing trace of axial plane, direction of dip of limbs, and bearing and plunge of axis
- Strike and dip of beds
- Strike of vertical beds
- Strike and dip of overturned beds
- Strike and dip of cleavage
- Strike and dip of flow structure in volcanic rocks
- Strike and direction of dip of flow structure in volcanic rocks estimated from aerial photographs
- Strike and dip of joints
- Shear planes, showing dip
- U, upthrown side, D, downthrown side
- Landslide
- Mine
- Adit
- Prospect pit
- Crest of ridge
- Spring
- Elevation point
- GLD 1915
T = 2 1/2% S 32
- General Land Office quarter section corner

Planimetric base from aerial photographs by U. S. Geological Survey. Longitude and latitude lines approximately located



GEOLOGIC MAP AND SECTION OF THE LEMHI PASS AREA, LEMHI COUNTY, IDAHO, AND BEAVERHEAD COUNTY, MONTANA

SCALE 1:24,000
DUTUM IS MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1917A

Geology by W. N. Sharp and W. S. Cawder, July–November 1902