



EXPLANATION

Sedimentary	Igneous
Qal stream alluvium	Qf alluvial fan
Qls landslide debris	Qd dune sand
Qm Melton Gravel basalt boulders, cobbles, and pebbles in matrix of basaltic sand	Qmk McKinney Basalt porphyritic plagioclase-olivine basalt
Qc Crownsnest Gravel terrace gravels with siliceous volcanic pebbles	Qg Unnamed gravel
Qsb Sugar Bowl Gravel pebble gravel rich in quartzite and porphyry	Qwg Wendell Grade Basalt olivine basalt
Qp Black Mesa Gravel caliche-capped sand and gravel	Qss Sand Springs Basalt olivine basalt
Qbf Bruneau Formation white-weathering fine silt, clay and diatomite	Qtt Thousand Springs Basalt porphyritic plagioclase-olivine basalt
Qbs white-weathering fine silt, clay and diatomite	Qtm Malad Member olivine basalt
Qbf fan gravel, cobbly to pebbly	Qma Madson Basalt olivine basalt
Qbb basaltic lava	Qsk Basalt of Skeleton Butte olivine pahoehoe basalt
Qt Tuana Gravel siliceous volcanic pebbles and cobbles with sand and silt	Qbh Basalt of Hansen Butte gray olivine basalt
Qtg Glenns Ferry Formation sand, silt, and gravel; thin beds of volcanic ash	Qbz Basalt of Hazelton Butte dark gray olivine basalt
Qtgb olivine basalt	QTb Basalt
Tc Chalk Hills Formation lake and stream deposits; siliceous volcanic ash undifferentiated	
Tcb	
Tpd Tuffaceous sediments of Goose Creek carbonaceous shale, white volcanic ash, and conglomerate	Tbs Banbury Basalt olivine basalt sand, pebble, and cobble gravel, with silt, clay, siliceous tuff and diatomite
Tmd Miocene lake deposits tuffaceous shale and white volcanic ash	Ti Idavada Volcanics rhyolite and latite; lava flows and welded tuffs with minor interbedded sediments, siliceous tuff and basalt
Kg undifferentiated granitic rocks	
Kl Triassic limestone	
Ppl Permian limestone (includes Phosphoria Formation) phosphate rock and gray cherty limestone	
PPo Quirrh Formation (?) quartzite and cherty limestone	Pzu Paleozoic sediments, undifferentiated

SYMBOLS

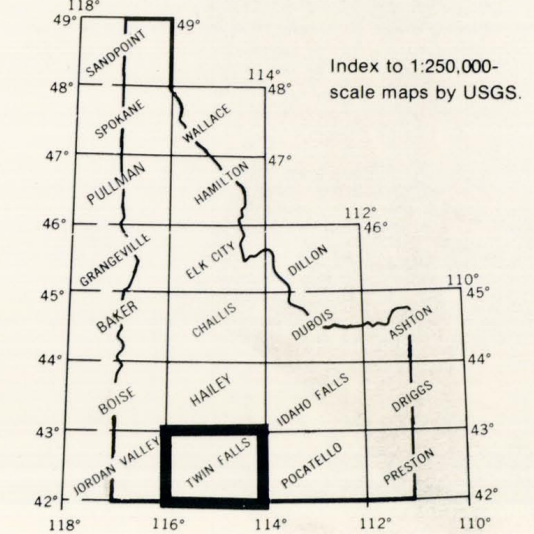
Contact

Dip-slip fault: U—upthrown block;
D—downthrown block, where
known. Dotted where concealed.

Volcanic vent

Index to References

1970 magnetic declination from true north
varies from 19° 00' easterly for the center of
the west edge to 17° 30' easterly for the
center of the east edge.



GEOLOGIC MAP OF THE TWIN FALLS QUADRANGLE, IDAHO

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1979
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The Geologic Map Series (2° Quadrangle) by the Idaho Bureau of Mines and Geology consists of geologic compilations from the best sources available. These compilations are not intended to be finished geologic maps, but they should prove useful until such maps are published. Stratigraphic correlations, contact and structural continuity, and general map interpretation are the responsibility of the compilers. Some information has been modified using aerial photography. This project was partially funded through a contract with the U. S. Department of Energy (Bendix Corporation, prime contractor).