



EXPLANATION

-  Quaternary alluvium, landslide debris, and terrace deposits.
-  Tertiary lake sediments. Loosely consolidated tuffaceous mudstone and sandstone with intercalated gravels, tuff, and basalt flows.
-  Tertiary basalt. Correlates with the Columbia River Basalt Group. Mainly basalt flows with minor volcaniclastic rocks.
-  Granitic intrusive rocks, age uncertain, probably Late Jurassic-Early Cretaceous.
-  Jurassic and possibly older Mesozoic metagraywacke, slate, and phyllite with minor conglomerate, tuff, and limestone. Tightly folded. Southern contact marked by red and green sheared conglomerate unit 300 to 400 feet thick.
-  Upper Triassic. (Tru) undifferentiated marine volcanic and volcaniclastic rocks, with subordinate shale and limestone interbeds. (Trls) mostly limestone and calcareous shale.
-  Lower Triassic intrusives, mainly gabbro and metagabbro.
-  Intensely deformed rocks; probably mostly Paleozoic. Includes small Lower Triassic intrusive bodies (Tri). (Pu) undifferentiated siliceous, pelitic and calcareous phyllites, massive to schistose greenstones and volcaniclastic rocks, argillite, chert, and scattered pod-like bodies of limestone. (Pls) massive and thin-bedded marble with interbedded calcareous phyllite.
-  Unconformity; questioned where uncertain.
-  Fault; U, upthrown side; D, downthrown side; dashed where approximately located.
-  Strike and dip of bedding
-  Strike and dip of vertical bedding
-  Strike and dip of foliation
-  Strike and dip of vertical or nearly vertical foliation
-  Intrusive Dike
-  Contact; dashed where approximately located

Topographic base from U.S.G.S. 15-minute quadrangle maps: Durkee, Huntington, Mineral, and Olds Ferry

