

Geologic Units in the West Half of the Yakima 1:100,000 Quadrangle (See explanatory note at bottom of spreadsheet)

| Old Symbol | New Symbol | Age | Lithology | Named Unit |
|-----------------|------------|--------------------------|--|--|
| --- | wtr | --- | water | --- |
| N.A.(east half) | Mcg | Miocene | continental sedimentary deposits or rocks, conglomerate | --- |
| N.A.(east half) | Mv(s) | Miocene, middle to upper | basalt flows (Saddle Mountains Basalt, undivided [CRB]) | Saddle Mountains Basalt, Columbia River Basalt Group |
| N.A.(east half) | Mv(se) | Miocene, middle | basalt flows (Esquatzel Member [CRB, SMB]) | Esquatzel Member, Saddle Mountains Basalt |
| N.A.(east half) | Mv(sem) | Miocene, upper | basalt flows (Elephant Mountain Member [CRB, SMB]) | Elephant Mountain Member, Saddle Mountains Basalt |
| N.A.(east half) | Mv(su) | Miocene, middle | basalt flows (Umatilla Member [CRB, SMB]) | Umatilla Member, Saddle Mountains Basalt |
| N.A.(east half) | PLMc(r) | Pliocene-Miocene | continental sedimentary deposits or rocks | Ringold Formation |
| N.A.(east half) | PLMcg(r) | Pliocene-Miocene | continental sedimentary deposits or rocks, conglomerate | Ringold Formation |
| N.A.(east half) | Qfg | Pleistocene | outburst flood deposits, gravel, late Wisconsin | Missoula, glacial Lake, deposits of |
| N.A.(east half) | Qfs(t) | Pleistocene | outburst flood deposits, sand and silt, late Wisconsin | Touchet Beds, glacial Lake Missoula |
| Qaf | Qaf | Quaternary | alluvial fan deposits | --- |
| Qafo | Qafo | Quaternary | alluvial fan deposits, older | --- |
| Qal | Qa | Quaternary | alluvium | --- |
| Qf | Qfs | Pleistocene | outburst flood deposits, sand and silt, late Wisconsin | Missoula, glacial Lake, deposits of |
| Qlo | Ql | Quaternary | loess | Palouse Formation |
| Qls | Qls | Quaternary | mass-wasting deposits, mostly landslides | --- |
| Qt | Qt | Quaternary | terraced deposits | --- |
| QTg | QPLcg | Pleistocene-Pliocene | continental sedimentary deposits or rocks, conglomerate | --- |
| Qvti | Qva(ti) | Pleistocene | andesite flows | Tieton Andesite |
| Tel | Mc(e) | Miocene, middle to upper | continental sedimentary deposits or rocks | Ellensburg Formation |
| Telv | Mc(ev) | Miocene, middle | continental sedimentary deposits or rocks | Ellensburg Formation, Vantage Member |
| Tfp | Mva(fp) | Miocene | andesite flows | Fifes Peak Formation |
| Tgn1 | Mv(gN1) | Miocene, middle | basalt flows (GrandeRondeBasalt, lower flows of norm.mag.pol.) | Grande Ronde Basalt, N1 (CRB) |
| Tgn2 | Mv(gN2) | Miocene, middle | basalt flows (GrandeRondeBasalt, upper flows of norm.mag.pol.) | Grande Ronde Basalt, N2 (CRB) |
| Tgr2 | Mv(gR2) | Miocene, middle | basalt flows (GrandeRondeBasalt, upper flows of rev.mag.pol.) | Grande Ronde Basalt, R2 (CRB) |
| Tsa | Mv(sa) | Miocene, middle | basalt flows (Asotin Member [CRB, SMB]) | Asotin Member, Saddle Mountains Basalt |
| Tsp | Mv(sp) | Miocene, middle | basalt flows (Pomona Member [CRB, SMB]) | Pomona Member, Saddle Mountains Basalt |
| Tsw | Mv(swc) | Miocene, middle | basalt flows (Wilbur Creek Member [CRB, SMB]) | Wilbur Creek Member, Saddle Mountains Basalt |
| Ttg | PLcg(t) | Pliocene | continental sedimentary deposits or rocks, conglomerate | Thorp Gravel |
| Tw | Mv(w) | Miocene, middle | basalt flows (Wanapum Basalt, undivided [CRB]) | Wanapum Basalt, Columbia River Basalt Group |
| Twf | Mv(wfs) | Miocene, middle | basalt flows (Frenchman Springs Member [CRB, WB]) | Frenchman Springs Member, Wanapum Basalt |
| Twp | Mv(wpr) | Miocene, middle | basalt flows (Priest Rapids Member [CRB, WB]) | Priest Rapids Member, Wanapum Basalt |
| Twr | Mv(wr) | Miocene, middle | basalt flows (Roza Member [CRB, WB]) | Roza Member, Wanapum Basalt |

Washington Division of Geology and Earth Resources Open File Report 86-04, Geologic map of the west half of the Yakima quadrangle, Washington, compiled by Timothy J. Walsh, was released before the Division adopted a standard symbology for geologic units to be portrayed in 1:100,000, 1:250,000, and 1:500,000 geologic maps of Washington State. Therefore the geologic unit symbology on this map and in the accompanying text does not match that found on many later geologic maps that include the west half of the Yakima 1:100,000 quadrangle. This makes it more difficult for the user to, for example, compare geologic unit descriptions between this map and others that have different symbols for the same unit or to compile a description for a geologic unit that occurs in more than one 1:100,000 quadrangle. This table is included to make it easier to relate the units on this map with units on later maps that use the standard symbology. The column headed "Old Symbol" lists the units on this map alphabetically. The column headed "New Symbol" lists the same units expressed in the standard symbology.

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| Old Symbol | New Symbol | Age | Lithology | Named Unit |
|------------|------------|-----|-----------|------------|
|------------|------------|-----|-----------|------------|

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