

Geologic Units in the Hood River 1:100,000 Quadrangle (See explanatory note at bottom of spreadsheet)

Old Symbol	New Symbol	Age	Lithology	Named Unit
---	wtr	---	water	---
af	Qf	Holocene	artificial fill, including modified land	On map; not described in text
Pid	PLida	Pliocene	intrusive dacite	---
Piqd	PLiq(w)	Pliocene	quartz diorite	Wind Mountain and Shell Rock, quartz diorite of
Qal	Qa	Quaternary	alluvium	---
Qdet	Qat(e)	Pleistocene	alpine glacial till, Fraser-age	Evans Creek Drift, till deposits
Qdht	Qapt(h)	Pleistocene	alpine glacial till, pre-Fraser	Hayden Creek Drift, till deposits of
Qel	Qd	Holocene	dune sand	On map; not described in text
Qfg	Qfg	Pleistocene	outburst flood deposits, gravel, late Wisconsin	Missoula, glacial Lake, deposits of
Qfs	Qfs	Pleistocene	outburst flood deposits, sand and silt, late Wisconsin	Missoula, glacial Lake, deposits of
Qls	Qls	Quaternary	mass-wasting deposits, mostly landslides	---
Qmt	Qvl(t)	Holocene	lahars	Trout Lake, mudflow of
Qoa	Qoa	Quaternary	alluvium, older	---
Qoe	Qao(e)	Pleistocene	alpine glacial outwash, Fraser-age	Evans Creek Drift, outwash deposits of
QTg	QPLc(s)	Pleistocene-Pliocene	continental sedimentary deposits or rocks	Swale Creek Valley, sedimentary deposits of
QTid	QPLida(g)	Pleistocene-Pliocene	intrusive dacite	Gross Mountain, dacite dome of
Qtr	Qt	Quaternary	terraced deposits	On map; not described in text
QTs	N.A.			In Oregon
QTsb	QPLvb(s)	Pleistocene-Pliocene	basalt flows	Simcoe Mountains, volcanic rocks of
QTV	N.A.			In Oregon
QTVb	QPLvb	Pleistocene-Pliocene	basalt flows	---
QTVbh	N.A.			In Oregon
QTVbl	QPLvb(bl)	Pleistocene-Pliocene	basalt flows	Balch Lake, basalt porphyry of
QTVh	N.A.			In Oregon
QTVlb	N.A.			In Oregon
QTVsd	QPLvd(sn)	Pleistocene-Pliocene	dacite flows	Snowden, dacite of
Qvab	Qvb(ab)	Quaternary	basalt flows	Alice Butte, basalt of
Qvb	Qvb	Quaternary	basalt flows	---
Qvba	N.A.			In Oregon
Qvbc	Qva(bc)	Quaternary	andesite flows	Black Creek, andesite of
Qvbh	Qvba(bh)	Quaternary	basaltic andesite flows	Big Huckleberry Mtn., basaltic andesite of (Qva on map)
Qvbi	Qvba(bi)	Quaternary	basaltic andesite flows	Bill Butte, basaltic andesite of
Qvbl	Qvb(bl)	Quaternary	basalt flows	Big Lava Bed, basalt of
Qvby	Qvb(by)	Quaternary	basalt flows	Berry Mountain, basalt of
Qvcc	Qvb(cc)	Quaternary	basalt flows	Cedar Creek, basalt of
Qvcl	Qvba(cl)	Quaternary	basaltic andesite flows	Cascade landslide, basaltic andesite of
Qvcp	Qvb(cp)	Quaternary	basalt flows	Camas Prairie, basalt of
Qvdc	Qvb(dc)	Quaternary	basalt flows	Dry Creek, basalt of
Qvel	Qvba(el)	Quaternary	basaltic andesite flows	Eunice Lake, basaltic andesite of
Qvfl	Qva(fl)	Quaternary	andesite flows	Forlorn Lake, andesite of
Qvfm	Qvb(fm)	Quaternary	basalt flows	Flattop Mountain, basalt of
Qvfu	Qva(fu)	Quaternary	andesite flows	Forlorn Lake, upper andesite of
Qvgb	Qvb(gb)	Quaternary	basalt flows	Grouse Butte, basalt of
Qvgc	Qvb(gc)	Quaternary	basalt flows	Gilmer Creek, basalt of
Qvgl	Qvb(gl)	Quaternary	basalt flows	Goose Lake, basalt of
Qvgm	Qvb(gm)	Quaternary	basalt flows	Guler Mountain, basalt of

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Qvgp	Qvb(gp)	Quaternary	basalt flows	Gifford Peak, basalt of
Qvhb	Qvb(hb)	Quaternary	basalt flows	Hauk Butte, basalt of
Qvhc	N.A.			In Oregon
Qvic	Qvb(ic)	Quaternary	basalt flows	Ice Cave, basalt of
Qvih	Qvb(ih)	Quaternary	basalt flows	Indian Heaven, basalt of
Qvjc	Qvba(jc)	Quaternary	basaltic andesite flows	Juice Creek, basaltic andesite of
Qvla	Qva(l)	Quaternary	andesite flows	Laurel, andesite at
Qvlc	Qvb(lc)	Quaternary	basalt flows	Lake Comcomly, basalt of
Qvll	N.A.			In Oregon
Qvlo	Qvb(lo)	Quaternary	basalt flows	Lost Creek, basalt of
Qvlp	Qvb(lp)	Quaternary	basalt flows	Lapham Creek, basalt of
Qvlw	Qvb(lw)	Quaternary	basalt flows	Little White Salmon, basalt of
Qvmb	Qvb(mb)	Quaternary	basalt flows	Mowich Butte, basalt of
Qvmd	N.A.			In Oregon
Qvmf	Qva(mf)	Quaternary	andesite flows	McCoy Flat, andesite of
Qvmh	N.A.			In Oregon
Qvml	Qvb(ml)	Quaternary	basalt flows	McClellan Meadows, basalt of
Qvns	Qvb(ns)	Quaternary	basalt flows	South Prairie, basalt north of
Qvpa	Qva(pa)	Quaternary	andesite flows	Petite Mountain, andesite of
Qvpb	Qvb(pb)	Quaternary	basalt flows	Peterson Butte, basalt of
Qvpm	Qvb(pm)	Quaternary	basalt flows	Papoose Mountain, basalt of
Qvps	Qvb(ps)	Quaternary	basalt flows	Peterson Ridge, basalt of
Qvpt	Qvb(pt)	Quaternary	basalt flows	Petite Mountain, basalt of
Qvqb	Qvba(qb)	Quaternary	basaltic andesite flows	Quigley Butte, basaltic andesite of
Qvrc	N.A.			Occurs just north of map area
Qvrk	Qvb(rk)	Quaternary	basalt flows	Rock Creek, basalt of
Qvrs	Qva(rs)	Quaternary	andesite flows	Rattle Snake Creek, andesite of
Qvrt	Qva(rt)	Quaternary	andesite flows	Race Track, andesite of the
Qvsa	Qvb(sa)	Quaternary	basalt flows	Sahalee Tyee, basalt of
Qvsd	Qvb(sd)	Quaternary	basalt flows	Sheridan Point, basalt of
Qvsl	Qvb(sl)	Quaternary	basalt flows	Sheep Lakes, basalt of
Qvsr	Qvb(sr)	Quaternary	basalt flows	Red Mountain, basalt cone southeast of
Qvsu	Qvb(su)	Quaternary	basalt flows	Sugar Bowl Butte, basalt of
Qvth	Qvb(th)	Quaternary	basalt flows	Thomas Lake, basalt of
Qvtr	Qvb(tch)	Quaternary	basalt flows	Trout Creek Hill, basalt of
Qvtw	Qvb(tw)	Quaternary	basalt flows	Wart, basalt of The
Qvu	Qv	Quaternary	volcanic rocks	On map; not described in text
Qvuw	Qvb(uw)	Quaternary	basalt flows	Underwood Mountain, basalt of
Qvwn	Qvb(wn)	Quaternary	basalt flows	White Salmon, basalt north of
Qvws	Qvb(ws)	Quaternary	basalt flows	White Salmon, basalt of
Tcb	Mva(cb)	Miocene, lower	andesite flows	Council Bluff, volcanic rocks of
Tdl	Mc(d)	Miocene, upper	continental sedimentary deposits or rocks	Dalles Formation
Tec	Mcg(ec)	Miocene, lower	continental sedimentary deposits or rocks, conglomerate	Eagle Creek Formation
Tel	Mc(e)	Miocene, middle to upper	continental sedimentary deposits or rocks	Ellensburg Formation
Telc	Mcg(es)	Miocene, upper	continental sedimentary deposits or rocks, conglomerate	Ellensburg Formation, Snipes Mountain conglomerate member of
Tgn(1)	Mv(gN1)	Miocene, middle	basalt flows (GrandeRondeBasalt, lower flows of norm.mag.pol.)	Grande Ronde Basalt, N1 (CRB)

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Tgn(2)	Mv(gN2)	Miocene, middle	basalt flows (GrandeRondeBasalt, upper flows of norm.mag.pol.)	Grande Ronde Basalt, N2 (CRB)
Tgr	Mv(g)	Miocene, middle	basalt flows (Grande Ronde Basalt, undivided [CRB])	Grande Ronde Basalt, Columbia River Basalt Group
Tgr(2)	Mv(gR2)	Miocene, middle	basalt flows (GrandeRondeBasalt, upper flows of rev.mag.pol.)	Grande Ronde Basalt, R2 (CRB)
Ti	N.A.			In Oregon
Tia	N.A.			In Oregon
Tib	Mib	Miocene	basic intrusive rocks	---
Tiba	PLMiba	Pliocene-Miocene	intrusive basaltic andesite	---
Tid	Mida	Miocene	intrusive dacite	---
Tidi	Mid	Miocene	diorite	---
Tigb	MOigb			
Tiqd	N.A.			In Oregon
Tir	MOir(m)	Miocene-Oligocene	intrusive rhyolite	Mann Butte, rhyolite of
Tsp	Mv(sp)	Miocene, middle	basalt flows (Pomona Member [CRB, SMB])	Pomona Member, Saddle Mountains Basalt
Tst	Mva(st)	Miocene, lower	andesite flows	Stevenson Ridge, volcanic rocks of
Ttd	N.A.			In Oregon
Tva(2)	Ova(2)	Oligocene, upper	andesite flows	---
Tvb(3)	Mvb(3)	Miocene, lower	basalt flows	---
Tvb(4)	Mvb(4)	Miocene, middle	basalt flows	---
Tvba	Mvba	Miocene	basaltic andesite flows	On map; not described in text
Tvba(2)	Ovba(2)	Oligocene, upper	basaltic andesite flows	---
Tvba(3)	Mvba(3)	Miocene, lower	basaltic andesite flows	---
Tvc(2)	Ovc(2)	Oligocene, upper	volcaniclastic deposits or rocks	---
Tvd(3)	Mvd(3)	Miocene, lower	dacite flows	---
Tvs(3)	Mvs(3)	Miocene, lower	volcanic and sedimentary rocks	---
Tvt	MOvt	Miocene-Oligocene	tuffs and tuff breccias	---
Tvt(2)	Ovt(2)	Oligocene, upper	tuffs and tuff breccias	On map; not described in text
Tvt(3)	Mvt(3)	Miocene, upper	tuffs and tuff breccias	---
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 87-06, Geologic map of the Hood River quadrangle, Washington and Oregon, compiled by Michael A. Korosec, 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 Hood River 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.