

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

Old Symbol	New Symbol	Age	Lithology	Named Unit
i	ice	Holocene	ice	---
Pdv	PLv(d)	Pliocene	volcanic rocks	Devils Horns, rhyolite tuffs and flows of
Pvs	PLvc	Pliocene	volcaniclastic deposits or rocks	---
Pvt	PLvt	Pliocene	tuffs and tuff breccias	---
Qaa	Qva(a)	Quaternary	andesite flows	Mount Adams, andesite and olivine andesite flows of
Qaad	Qvd(a)	Quaternary	dacite flows	Mount Adams, dacite flows of
Qaah	Qva(ah)	Holocene	andesite flows	Mount Adams, Holocene andesite of
Qaao	Qva(hb)	Quaternary	andesite flows	Hellroaring and Big Muddy Creek complex
Qaar	Qvr(a)	Quaternary	rhyolite flows	Mount Adams, rhyolite of
Qaav	Qvc(a)	Holocene	volcaniclastic deposits or rocks	Mount Adams, volcaniclastic rocks of, debris flows
Qaax	Qva(a)	Quaternary	andesite flows	Mount Adams, andesite and olivine andesite flows of
Qal	Qa	Quaternary	alluvium	---
Qde	Qad(e)	Pleistocene	alpine glacial drift, Fraser-age	Evans Creek Drift
Qdet	Qat(e)	Pleistocene	alpine glacial till, Fraser-age	Evans Creek Drift, till deposits
Qdh	Qap(h)	Pleistocene	alpine glacial drift, pre-Fraser	Hayden Creek Drift
Qdht	Qapt(h)	Pleistocene	alpine glacial till, pre-Fraser	Hayden Creek Drift, till deposits of
Qdmr	Qad(md)	Pleistocene	alpine glacial drift, Fraser-age	McDonald Ridge drift (see note marked ** below)
Qdu	Qad	Pleistocene	alpine glacial drift, Fraser-age	---
Qdw	Qap(ws)	Pleistocene	alpine glacial drift, pre-Fraser	White Salmon drift
Qia	QPLian	Pleistocene-Pliocene	intrusive andesite	Original map shows Qia; digital map shows QPLian
Qls	Qls	Quaternary	mass-wasting deposits, mostly landslides	---
Qmt	Qvl(t)	Holocene	lahars	Trout Lake, mudflow of
Qshu	Qvc(sh)	Quaternary	volcaniclastic deposits or rocks	Mount St. Helens, rocks and deposits of [Qshu(1) on map]
QTia	QPLian	Pleistocene-Pliocene	intrusive andesite	---
QTsb	QPLvb(s)	Pleistocene-Pliocene	basalt flows	Simcoe Mountains, volcanic rocks of
QTva	QPLva	Pleistocene-Pliocene	andesite flows	---
QTVb	QPLvb	Pleistocene-Pliocene	basalt flows	---
QTVd	QPLvd	Pleistocene-Pliocene	dacite flows	---
QTVg	QPLva(g)	Pleistocene-Pliocene	andesite flows	Goat Rocks, andesite of
QTVl	QPLvb(l)	Pleistocene-Pliocene	basalt flows	Lincoln Plateau, basalt of
Qva	Qva	Quaternary	andesite flows	---
Qvb	Qvb	Quaternary	basalt flows	---
Qvbd	Qvb(bd)	Quaternary	basalt flows	Badger Peak, basalt of
Qvbk	Qvb(bk)	Quaternary	basalt flows	Blue Lake, basalt of
Qvbm	Qvb(bm)	Quaternary	basalt flows	Bird Mountain, basalt of
Qvbn	Qvb(bn)	Quaternary	basalt flows	Bunnell Butte, basalt of
Qvbp	Qvb(bp)	Quaternary	basalt flows	Burnt Peak, basalt of
Qvcm	Qvb(cm)	Quaternary	basalt flows	Chenamus Lake, basalt of
Qvco	Qvb(co)	Quaternary	basalt flows	County Park, basalt of
Qvcp	Qvb(cp)	Quaternary	basalt flows	Camas Prairie, basalt of
Qvde	Qvb(de)	Quaternary	basalt flows	Deep Lake, basalt of
Qvdh	Qvb(dh)	Quaternary	basalt flows	Dead Horse Creek, basalt of
Qvec	Qvb(ec)	Quaternary	basalt flows	East Canyon Creek, basalt of

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Qvel	Qvba(el)	Quaternary	basaltic andesite flows	Eunice Lake, basaltic andesite of
Qvfm	Qvb(fm)	Quaternary	basalt flows	Flattop Mountain, basalt of
Qvga	Qvb(ga)	Quaternary	basalt flows	Glaciate Butte, basalt of
Qvgo	Qvb(go)	Quaternary	basalt flows	Gotchen Creek, basalt of
Qvgr	Qvb(gr)	Quaternary	basalt flows	Green Canyon, basalt of
Qvgt	Qvb(gt)	Quaternary	basalt flows	Goat Butte, basalt of
Qvhl	Qvb(hl)	Quaternary	basalt flows	Hidden Lake, basalt of
Qvic	Qvb(ic)	Quaternary	basalt flows	Ice Cave, basalt of
Qvih	Qvb(ih)	Quaternary	basalt flows	Indian Heaven, basalt of
Qviv	Qvb(iv)	Quaternary	basalt flows	Indian Viewpoint, basalt of
Qvlb	Qvb(lb)	Quaternary	basalt flows	Lone Butte, basalt of
Qvlc	Qvb(lc)	Quaternary	basalt flows	Lake Comcomly, basalt of
Qvlf	Qvb(lf)	Quaternary	basalt flows	Loaf, basalt of The
Qvlg	Qvb(lg)	Quaternary	basalt flows	Little Goose Creek, basalt of
Qvlk	Qvb(lk)	Quaternary	basalt flows	Lakeview Mountain, basalt of
Qvlm	Qvba(lm)	Quaternary	basaltic andesite flows	Little Mount Adams, basaltic andesite of
Qvme	Qvba(me)	Quaternary	basaltic andesite flows	Meadow Creek, basaltic andesite of
Qvml	Qvb(ml)	Quaternary	basalt flows	McClellan Meadows, basalt of
Qvmq	Qvb(mq)	Quaternary	basalt flows	Mosquito Creek, basalt of
Qvoc	Qvb(oc)	Quaternary	basalt flows	Outlaw Creek, basalt of
Qvol	Qvd(ol)	Quaternary	dacite flows	Olallie Lake, dacite of
Qvos	Qva(os)	Quaternary	andesite flows	Old Snowy Mountain, andesite of
Qvpf	Qvb(pf)	Quaternary	basalt flows	Paradise Falls, basalt of
Qvph	Qvba(ph)	Quaternary	basaltic andesite flows	Potato Hill, basaltic andesite of
Qvpl	Qvb(pl)	Quaternary	basalt flows	Placid Lake, basalt of
Qvrb	Qvb(rb)	Quaternary	basalt flows	Red Butte, basalt of
Qvrc	Qvb(rc)	Quaternary	basalt flows	Rush Creek, basalt of
Qvri	Qvb(ri)	Quaternary	basalt flows	Riley Creek, basalt of
Qvrl	Qvb(rl)	Quaternary	basalt flows	Red Lake, basalt of
Qvsb	Qva(sb)	Quaternary	andesite flows	South Butte, andesite of
Qvsc	Qvb(sc)	Quaternary	basalt flows	Spring Creek, basalt of
Qvsg	Qva(sg)	Quaternary	andesite flows	Signal Peak, andesite of
Qvsh	Qvb(sh)	Quaternary	basalt flows	Spud Hill, basalt of
Qvsk	Qvb(sk)	Quaternary	basalt flows	Skull Creek, basalt west of
Qvsm	Qvb(sm)	Quaternary	basalt flows	Smith Butte, basalt of
Qvsn	Qvba(sn)	Quaternary	basaltic andesite flows	Snipes Mountain, basaltic andesite of
Qvsq	Qvb(sq)	Quaternary	basalt flows	Squaw Butte, basalt of
Qvst	Qvb(st)	Quaternary	basalt flows	Sawtooth Mountain, basalt of
Qvsw	Qva(sw)	Quaternary	andesite flows	Swampy Meadow, andesite of
Qvsy	Qvb(sy)	Quaternary	basalt flows	Sleeping Beauty, basalt of
Qvtb	Qvb(tb)	Quaternary	basalt flows	Twin Buttes, basalt of
Qvtc	Qvb(tc)	Quaternary	basalt flows	Tillicum Creek, basalt of
Qvth	Qvb(tl)	Quaternary	basalt flows	Thomas Lake, basalt of

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Qvtl	Qvb(tlc)	Quaternary	basalt flows	Trout Lake Creek, basalt of
Qvto	Qvb(to)	Quaternary	basalt flows	Two Lakes, basalt of
Qvwl	Qvb(w)	Quaternary	basalt flows	Walupt Lake, basalt of
Tcb	Mva(cb)	Miocene, lower	andesite flows	Council Bluff, volcanic rocks of
Tcc	Ec(2cc)	Eocene	continental sedimentary deposits or rocks	Chambers Creek, beds of
Tec	Mcg(ec)	Miocene, lower	continental sedimentary deposits or rocks, conglomerate	Eagle Creek Formation
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	Ti	Tertiary	intrusive rocks, undivided	---
Tia	PLOian	Pliocene-Oligocene	intrusive andesite	---
Tib	PLOib	Pliocene-Oligocene	basic intrusive rocks	---
Tiba	PLOiba	Pliocene-Oligocene	intrusive basaltic andesite	---
Tid	PLMiad	Pliocene-Miocene	intrusive andesite and dacite	---
Tidi	Mid	Miocene	diorite	---
Tigb	PLOigb	Pliocene-Oligocene	gabbro	---
Tiqd	Miq	Miocene	quartz diorite	---
Tir	Mir	Miocene	intrusive rhyolite	---
Toh	Ovc(oh)	Oligocene	volcaniclastic deposits or rocks	Ohanapecosh Formation
Tsp	Mv(sp)	Miocene, middle	basalt flows (Pomona Member [CRB, SMB])	Pomona Member, Saddle Mountains Basalt
Tv	MOv	Miocene-Oligocene	volcanic rocks	SE part of outcrop area is Tvba(3)? on OFR87-05
Tva(3)	Mva(3)	Miocene, lower	andesite flows	---
Tva(4)	Mva(4)	Miocene, middle	andesite flows	---
Tvb(3)	Mvb(3)	Miocene, lower	basalt flows	---
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	---
Tvc(3)	Mvc(3)	Miocene, lower	volcaniclastic deposits or rocks	---
Tvd(3)	Mvd(3)	Miocene, lower	dacite flows	---
Tvr(3)	Mvr(3)	Miocene, lower	rhyolite flows	Tvr? on map
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

Washington Division of Geology and Earth Resources Open File Report 87-05, Geologic map of the Mount Adams quadrangle, Washington, 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 Mount Adams 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.

****A large polygon centered about 7.5 miles (12 km) SE of the summit of Mount Adams is labeled Mv(gN2) in the digital version of the map,**

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Old Symbol New Symbol Age Lithology

Named Unit

but is labeled Qdmr on the original OFR87-05 plate

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