Geologic Units in the Vancouver 1:100,000 Quadrangle (see explanatory note at bottom of spreadsheet)

Old Symbol	New Symbol	Age	Lithology	Named Unit
---	wtr	---	water	---
Qaf	Qaf	Pleistocene	alluvial fan deposits	---
Qal	Qa	Holocene-Pleistocene	alluvium	---
Qc	Qfs	Pleistocene	outburst flood deposits, sand and silt, late Wisconsin	Missoula, glacial Lake, deposits of
Qda	Qap(a)	Pleistocene	alpine glacial drift, pre-Fraser	Amboy drift
Qdao	Qapo(a)	Pleistocene	alpine glacial outwash, pre-Fraser	Amboy drift
Qde	Qad(e)	Pleistocene	alpine glacial drift, Fraser-age	Evans Creek Drift
Qdh (Qdht in text)	Qap(h)	Pleistocene	alpine glacial drift, pre-Fraser	Hayden Creek Drift
Qe	N.A.			occurs in Oregon
Qg	Qfg	Pleistocene	outburst flood deposits, gravel, late Wisconsin	Missoula, glacial Lake, deposits of
Qgr	N.A.			occurs in Oregon
Qls	Qls	Holocene-Pleistocene	mass-wasting deposits, mostly landslides	---
Qp	Qp	Pleistocene	peat deposits	---
Qs	Qfs	Pleistocene	outburst flood deposits, sand and silt, late Wisconsin	Missoula, glacial Lake, deposits of
Qshu(1)	Qvc(sh)	Pleistocene	volcaniclastic deposits or rocks	Mount St. Helens, rocks and deposits of
Qsw	N.A.			occurs in Oregon
Qta	Qta	Holocene	talus deposits	---
Qtr	Qt	Holocene-Pleistocene	terraced deposits	---
QTtd	PLMc(t)	Pleistocene-Miocene	continental sedimentary deposits or rocks	Troutdale Formation [now PLMc(t)]
QTtd(v)	QMvb(t)	Pleistocene-Miocene	basalt flows	Troutdale Formation, volcanic breccia of
QTvb (QPvb in text)	N.A.			occurs in Oregon
QTvlr	N.A.			occurs in Oregon
Qvb (missing from text)	Qvb	Pleistocene	basalt flows	--- (unit is not in text unit descriptions)
Qvba	Qvba(ba)	Pleistocene	basaltic andesite flows	Bare Mtn., basaltic andesite & basalt flows of
Qvba(t) (missing from text)	Qvt(b)	Holocene	tuffs and tuff breccias	Bare Mountain, tephra of (unit is not in text unit descriptions)
Qvbb	QPLva(bb)	Pleistocene-Pliocene	andesite flows	Bobs Mountain, basalt of
Qvbe	QPLvb(be)	Pleistocene-Pliocene	basalt flows	Bear Prairie, basalt of
Qvbg	QPLvb(bg)	Pleistocene-Pliocene	basalt flows	Battle Ground, basalt of
Qvbo (missing from text)	QPLvb(b)	Pleistocene-Pliocene	basalt flows	Boring Lavas (unit is not in text unit descriptions)
Qvbr	QPLvb(br)	Pleistocene-Pliocene	basalt flows	Beacon Rock, basalt & basaltic andesite of
Qvca	Qva(ca)	Pleistocene	andesite flows	Calamity Creek, andesite flows of
Qvch	Qvba(cc)	Holocene	basaltic andesite flows	Chinook Creek, basaltic andesite flows of
Qvd	Qida(t)	Pleistocene	intrusive dacite	Tumtum Mountain, dacite dome of
Qvha	Qva(hc)	Holocene	andesite flows	Hackmore Creek, scoria cone of
Qvmb	Qvb(mb)	Pleistocene	basalt flows	Mowich Butte, basalt of
Qvmc	QPLva(mc)	Pleistocene-Pliocene	andesite flows	McCloskey Creek, basalt of
Qvmn	QPLva(mn)	Pleistocene-Pliocene	andesite flows	Mount Norway, basalt of
Qvmz	QPLva(mz)	Pleistocene-Pliocene	andesite flows	Mount Zion, basalt of
Qvpc	Qvba(pc)	Holocene	basaltic andesite flows	Puny Creek, basaltic andesite flows of
Qvso (should be Qvsp)	Qvb(sp)	Pleistocene	basalt flows	Soda Peaks, basalt of
Qvsp	Qvba(sp)	Pleistocene	basaltic andesite flows	Soda Peaks,basaltic andesite flows of
Qvss	Qvb(ss)	Pleistocene	basalt flows	Sister Rocks, basalt of
Qvsx	Qvba(sx)	Pleistocene	basaltic andesite flows	Siouxan Creek,basaltic andesite flows of
Qvtp	Qva(tp)	Pleistocene	andesite flows	Timbered Peak, andesite flow of
Qvtr	Qvb(tch)	Pleistocene	basalt flows	Trout Creek Hill, basalt of
Qvwc	Qva(wc)	Holocene	andesite flows	West Crater, andesite flows of
Tec	Mcg(ec)	Miocene, lower	continental sedimentary deposits or rocks, conglomerate	Eagle Creek Formation

Geologic Units in the Vancouver 1:100,000 Quadrangle (see explanatory note at bottom of spreadsheet)

Old Symbol	New Symbol	Age	Lithology	Named Unit
Tgn(2)	Mv(gN2)	Miocene, middle	basalt flows (GrandeRondeBasalt,upper flows of norm.mag.pol.)	Grande Ronde Basalt, N2 (CRB)
Tgo(2)	OEvba(g)	Oligocene-Eocene	basaltic andesite flows	Goble Volcanics
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)
Tia (Tian in text)	Mian(ss)	Miocene	intrusive andesite	Silver Star pluton
Tidi	Mid(ss)	Miocene	diorite	Silver Star pluton
Tigd	Migd(ss)	Miocene	granodiorite	Silver Star pluton
Tigp	Mig(ss)	Miocene	granite	Silver Star pluton
Tiqd	Miq(ss)	Miocene	quartz diorite	Silver Star pluton
Tpb	N.A.			occurs in Oregon
Tso	N.A.			occurs in Oregon
Tsp	Mv(sp)	Miocene, middle	basalt flows (Pomona Member [CRB, SMB])	Pomona Member, Saddle Mountains Basalt
Ttc	Mva(tc)	Miocene, lower	andesite flows	Three Corner Rock, andesite flows of
Tva(1)	Ova(1)	Oligocene, lower	andesite flows	---
Tva(2)	Ova(2)	Oligocene, upper	andesite flows	---
Tvb(3) (missing from text)	Mvb(3)	Miocene, lower	basalt flows	--- (unit is not in text unit descriptions)
Tvc(1)	OEvc(1)	Oligocene-Eocene	volcaniclastic deposits or rocks	---
Tvc(2)	MOvc(2)	Miocene-Oligocene	volcaniclastic deposits or rocks	---
Tvt(1) (missing from text)	Ovt(1)	Oligocene, lower	tuffs and tuff breccias	--- (unit is not in text unit descriptions)
Tvt(2) (missing from text)	MOvt(2)	Miocene-Oligocene	tuffs and tuff breccias	--- (unit is not in text unit descriptions)
Tvt(3)	MOvt(3)	Miocene-Oligocene	tuffs and tuff breccias	---
Twf	Mv(wfs)	Miocene, middle	basalt flows (Frenchman Springs Member [CRB, WB])	Frenchman Springs Member, Wanapum Basalt
Twp	N.A.			occurs in Oregon

Washington Division of Geology and Earth Resources Open File Report 87-10, Geologic map of the Vancouver quadrangle, Washington, compiled by William M. Phillips, 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 Vancouver 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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