



DESCRIPTION OF MAP UNITS*

QUATERNARY SEDIMENTARY DEPOSITS

Holocene Nonglacial Deposits

- af Artificial fill and modified land (Holocene)
- Qa Alluvium (Holocene)
- Qp Peat (Holocene)
- Qls Landslide deposits (Holocene to latest Pleistocene)
- Qaf Alluvial fan deposits (Holocene to latest Pleistocene)

Pleistocene Glacial and Nonglacial Deposits

DEPOSITS OF THE FRASER GLACIATION

- Ogs Outwash sand (Pleistocene)
- Qgl Recessional glaciolacustrine (lake) deposits (Pleistocene)
- Qgc Stratified ice-contact deposits, undivided (Pleistocene) Locally divided into:
 - Qg1 Ice-contact deposits, melt-out, ablation, or flow till (Pleistocene)
 - Qg2 Ice-contact deposits, eskers (Pleistocene)
 - Qg3 Ice-contact deposits, kames (Pleistocene)
- Qgf Fluvial outwash deposits (Pleistocene)
- Qgd Deltaic outwash and kame deltas (Pleistocene)
- Qgg Outwash gravel deposits, undivided (Pleistocene)

Vashon Stage Proglacial and Subglacial Deposits

- Ogv Vashon tillage drift (Pleistocene)
- Qgv Advance outwash deposits (Pleistocene)
- Qgvi Advance glaciolacustrine deposits (Pleistocene)

DEPOSITS OF THE OLYMPIA NONGLACIAL INTERVAL

- Qco Olympia beds (Pleistocene)

DEPOSITS OF THE POSSESSIONS GLACIATION

- Qgp Till (Pleistocene)
- Qgpo Outwash (Pleistocene)

PRE-FRASER GLACIAL AND NONGLACIAL DEPOSITS

- Qgn Glacial and nonglacial deposits, pre-Fraser (Pleistocene to Miocene?) Locally divided into:

- Qgw Whitey Formation (Pleistocene)
- Qgo Older outwash (Pleistocene)/cross sections only
- Qot Older tills (Pleistocene)/cross sections only

TERTIARY VOLCANIC, SEDIMENTARY, AND INTRUSIVE ROCKS

- Mvc Volcanic and sedimentary rocks (Miocene) (cross sections only)
- Obv Ohanapeosh Formation (Oligocene)/cross sections only
- OBn Blakeley Formation (Oligocene to Eocene) (cross sections only)
- EVt Volcanic rocks of Mount Persis (Eocene)/cross sections only
- EI Andesite porphyry dikes and sills (Eocene?)

PUGET GROUP

- Ecr Renton Formation (middle? to late Eocene)

* See accompanying pamphlet for complete description.

Description of Map Units (Figure 1)

- af Artificial fill and modified land (Holocene)
- Qa Alluvium (Holocene)
- Qls Landslide deposits (Holocene)
- Qgn Glacial and nonglacial deposits, undivided (Pleistocene)
- Mvc Volcanic and sedimentary rocks (Miocene)
- MBdg Grandiorite and gabbro of the Snoqualmie batholith (Miocene-Oligocene)
- Obv Volcanic rocks of Rattlesnake Mountain and/or Ohanapeosh Formation (Oligocene)
- OBn Nearshore sedimentary rocks of Blakeley Formation (Oligocene-Eocene)
- Obva Porphyritic andesite; Blakeley Formation?
- Evc Volcanic and sedimentary rocks, includes the Puget Group, Raging River Formation, and volcanic rocks of Mount Persis (Eocene)
- Kam Low-grade metamorphic rocks of the Western mélange belt (Cretaceous-Jurassic)

SOURCE: U.S. Geological Survey Fall City 7.5-minute quadrangle, 2002.

Scale: 1:250,000

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