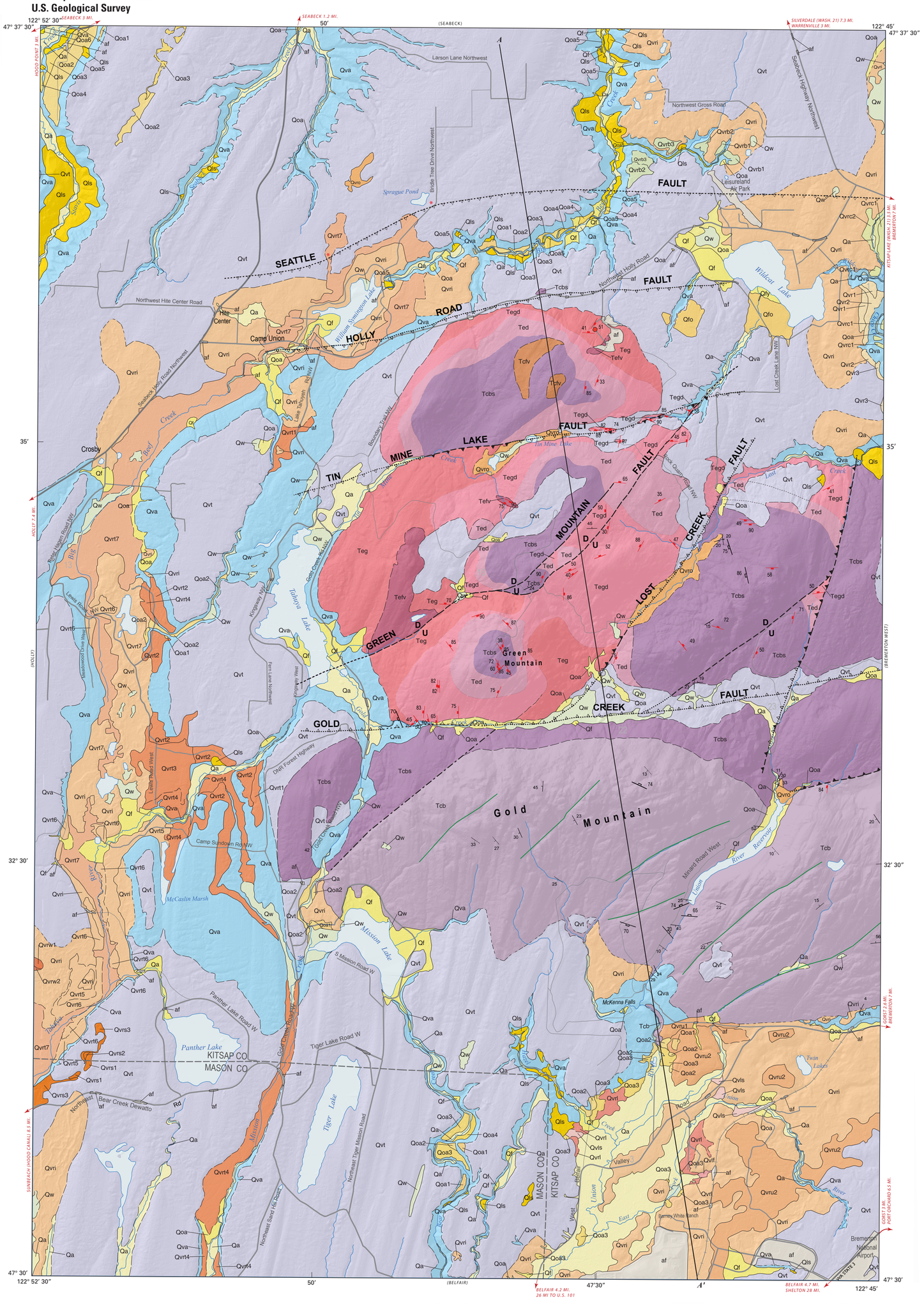
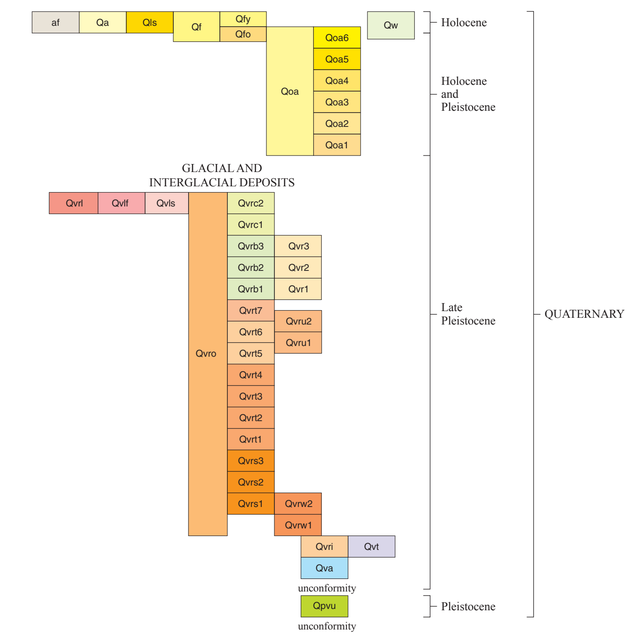
U.S. Department of the Interior
U.S. Geological Survey

Scientific Investigations Map 3187
Pamphlet accompanies map



CORRELATION OF MAP UNITS



LIST OF MAP UNITS

UNCONSOLIDATED DEPOSITS

POSTGLACIAL DEPOSITS

- af — **Artificial fill (Holocene)**
- Qa — **Alluvium (Holocene)**
- Qls — **Landslide deposits (Holocene)**
- Qf — **Alluvial fan deposits (Holocene and Pleistocene)**
- Qfy — **Younger alluvial fan (Holocene)**
- Qfo — **Older alluvial fan (Holocene and Pleistocene)**
- Qoa — **Older alluvium (Holocene and Pleistocene)**
- Qoa6 — **Older alluvium, unit 6**
- Qoa5 — **Older alluvium, unit 5**
- Qoa4 — **Older alluvium, unit 4**
- Qoa3 — **Older alluvium, unit 3**
- Qoa2 — **Older alluvium, unit 2**
- Qoa1 — **Older alluvium, unit 1**
- Qw — **Wetland deposits (Holocene and late Pleistocene)**

GLACIAL AND INTERGLACIAL DEPOSITS

Deposits of the Vashon stade of Fraser Glaciation of Armstrong and others (1965) (late Pleistocene)

Proglacial lake deposits

- Qvrl — **Recessional lacustrine deposits**
- Qvlf — **Recessional sublascustrine alluvial fan deposits**
- Qvls — **Recessional sublacustrine landslide deposits**
- Qvro — **Recessional outwash deposits**

Chico Creek outwash deposits

- Qvrc2 — **Chico outwash, unit 2**
- Qvrc1 — **Chico outwash, unit 1**

Big Beef Creek outwash deposits

- Qvrb3 — **Big Beef outwash, unit 3**
- Qvrb2 — **Big Beef outwash, unit 2**
- Qvrb1 — **Big Beef outwash, unit 1**

Outwash deposits south of Wildcat Creek

- Qvr3 — **Outwash, unit 3**
- Qvr2 — **Outwash, unit 2**
- Qvr1 — **Outwash, unit 1**

Tahuya River outwash deposites

- Qvrt7 — **Tahuya outwash, unit 7**
- Qvrt6 — **Tahuya outwash, unit 6**
- Qvrt5 — **Tahuya outwash, unit 5**

Union Creek area outwash deposits

- Qvru2 — **Union outwash, unit 2**
- Qvru1 — **Union outwash, unit 1**

Big Beef-Tahuya-Mission outwash deposits

- Qvrt4 — **Tahuya outwash, unit 4**
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Lower Tahuya River outwash deposits

- Qvrs3 — **Southwest outwash, unit 3**
- Qvrs2 — **Southwest outwash, unit 2**
- Qvrs1 — **Southwest outwash, unit 1**
- Qvrw2 — **West outwash , unit 2**
- Qvrw1 — **West outwash, unit 1**
- Qvri — **Ice-contact deposits**
- Qvt — **Till**
- Qva — **Advance outwash deposits**
- Qpvu — **Pre-Vashon-age deposits (Pleistocene)**—Shown on cross section only

BEDROCK

STRATIFIED ROCKS

- Tb — **Blakeley Formation (upper Eocene and Oligocene)**—Shown on cross section only
- Tcfv — **Felsic volcanic(?) rock (middle Eocene)**

Crescent Formation (middle Eocene)

- Tcb — **Massive basaltic lava flows**
- Tcbs — **Submarine basalt and related volcaniclastic rocks**

INTRUSIVE ROCKS

- 65 Tad — **Porphyritic and aphanitic dacite dikes (Eocene)**—Individual dikes shown diagramatically on cross section only. See symbol explanation below
- Tefv — **Felsic intrusive rocks (Eocene?)**
- Ted — **Sheeted dikes of basalt and diabase (Eocene)**—Individual dikes shown diagramatically on cross section only
- Tegd — **Leucogabbro and pegmatite intruded by dikes of basalt and diabase (Eocene)**
- Teg — **Leucogabbro and pegmatite (Eocene)**
- Teum — **Utramafic rocks (Eocene)—Shown on cross section only**

EXPLANATION OF MAP SYMBOLS

- **Contact**—Dashed where approximately located; dotted where concealed; no line boundary where gradational between igneous units
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- **Probable fault**—Based on LIDAR lineament
- **LIDAR lineament**—See text
- 15 — **Strike and dip of inclined bed**

Strike and dip of dikes

- 85 — **Basalt and diabase of unit** Ted
- 65 — **Dacite of unit** Tad
- **Pb-U and apatite fission-track sampling locality**

Lidar-revised Geologic Map of the Wildcat Lake 7.5′ Quadrangle, Kitsap and Mason Counties, Washington

By
Rowland W. Tabor,[1] Ralph A. Haugerud,[1] Peter J. Haeussler,[1] and Kenneth P. Clark[2]

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[1]U.S. Geological Survey, [2]University of Puget Sound

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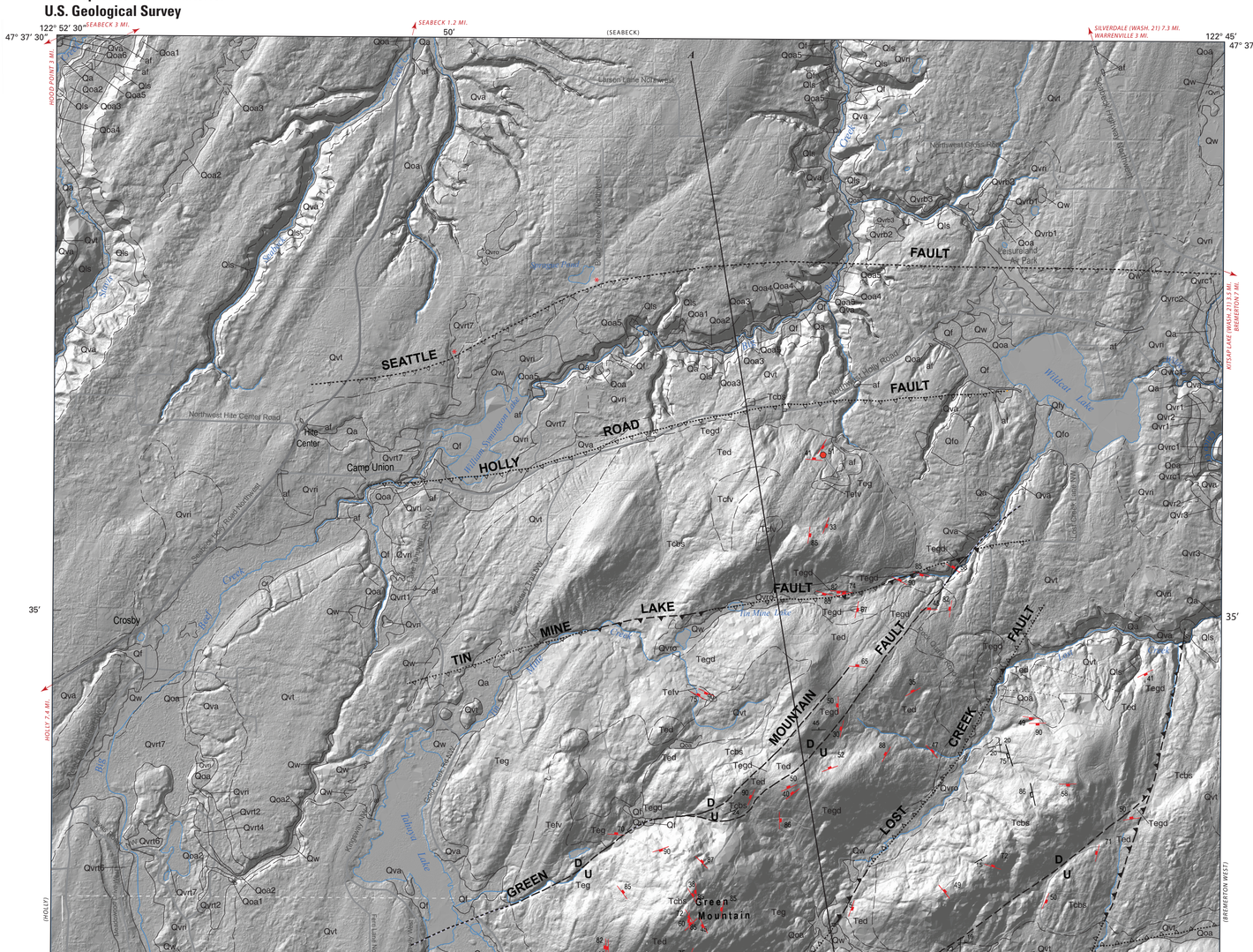

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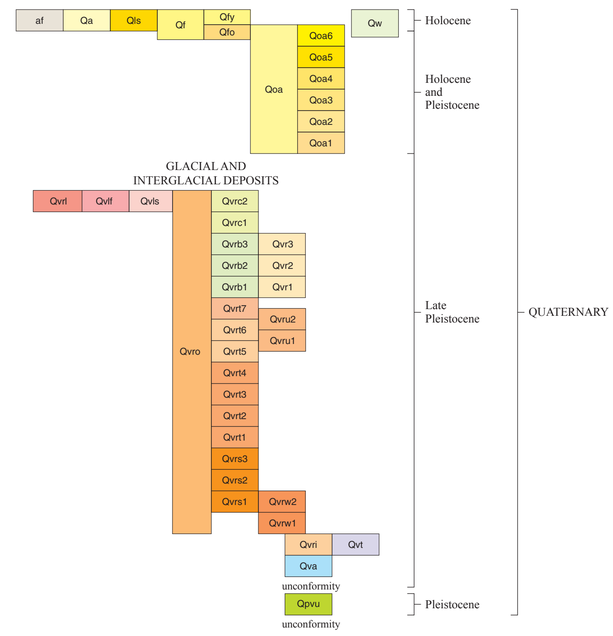

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Hillshade image calculated from 6-ft lidar DEM, Puget Sound Lidar Consortium. Lidar data acquired 2001–2002.

APPROXIMATE MEAN DECLINATION, 2011

SCALE 1: 24 000

1 MILE

1 KILOMETER

WASHINGTON
MAP LOCATION

Geology mapped by Kenneth P. Clark (1988–89); Peter J. Heussler (1998)

Revisions by Rowland W. Tabor and Ralph A. Haugerud (2007–09)

GIS database and digital cartography by Rowland W. Tabor and Ralph A. Haugerud

Edited by J.L. Zigler; digital cartographic production by Darlene A. Ryan

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