




[See Description of Map Units in pamphlet for complete unit descriptions]


m	Modified land (Holocene)
Qw	Wetland deposits (Holocene)
Qb	Beach deposits (Holocene)
Qbo	Beach deposits, old (Holocene)
Qls? Qlb	Landslide deposits (Holocene)
Qols	Old landslide deposits (Holocene and Pleistocene)
Qmw	Mass-wastage deposits (Holocene)
Qf	Alluvial fan deposits (Holocene)
Qa	Alluvium (Holocene)
Qoa	Old alluvium (Holocene and Pleistocene)


**Deposits of the Vashon stade of Fraser glaciation of
Armstrong and others (1965) (Pleistocene)**


- | | |
|-------|---|
| Qvr | Recessional outwash deposits |
| Qvrn2 | Younger recessional outwash in lower Mill Creek terrace |
| Qvrn1 | Older recessional outwash in higher Mill Creek terrace |
| Qvrsg | Subglacial channel deposits |
| Qvra2 | Younger subglacial channel deposit near Auburn |
| Qvra1 | Older subglacial channel deposit near Auburn |
| Qvrl | Recessional lacustrine deposits |
| Qvrs | Recessional coarse-grained lacustrine deposits |
| Qvrf | Sub-lacustrine fan |
| Qvrfs | Sub-lacustrine landslide |
| Qvi | Ice-contact deposits |
| Qvie | Eskers |
| Qvt | Till |
| Qva | Advance outwash deposits |


Qpl	Deposits of pre-Fraser glaciation age (Pleistocene)
Qplc	Coarse-grained deposits
Qpln	Nonglacial deposits
Qob	Olympia beds of Minard and Booth (1988) (Pleistocene)
Deposits of Pre-Olympia age (Pleistocene)	
Qpof	Fine-grained deposits
Qpog	Glacial deposits
Qpogc	Coarse-grained deposits
Qpogf	Fine-grained deposits
Qpogl	Till deposits
Qpon	Nonglacial deposits
Qr	Reversely magnetized deposits (Pleistocene)
Qrn	Reversely magnetized nonglacial deposits


-  **Contact**—Dashed where approximate; dotted where concealed
 **Fault (southeast map corner)**—Dotted where concealed
 **Approximate shear plane boundaries of Lake Fenwick and Woodmont Beach block slides**
(Qva) **Parenthesis**—Unit preserved in block slide
((Qob)) **Double parenthesis**—Unit shown on Booth and others (2004b), but totally reggraded or removed by 2009


Strike and dip of beds
 **Inclined**
Horizontal


 **Pre-Vashon till**—Mapped within units Qpof, Qpogc, and Qpogd where exposed on valley walls or coastal bluffs


 **Volcanic ash bed**

T7012  **Paleomagnetic sample locality**—Reversed magnetization

Beta-95340  **¹⁴C age locality**—See pamphlet, table 1, for ages

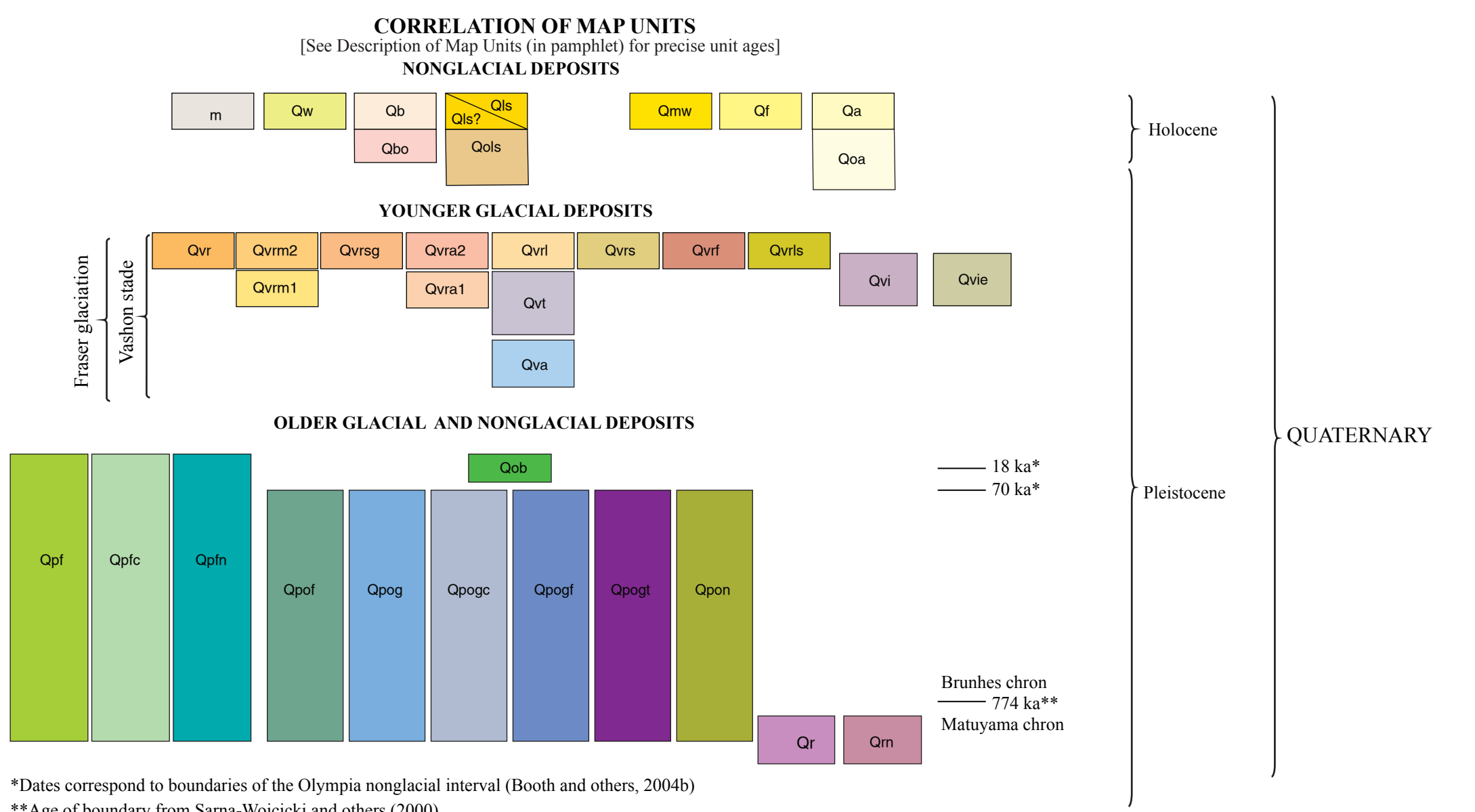
WA-6  **Fission track age locality**—See pamphlet

WA-7  **Infrared-stimulated luminescence (IRSL) age locality**

 **Hard-surface areas**—Areas that are 80-90% hard-surface materials (paving and large buildings)

By

R.W. Tabor¹, D.B. Booth², and K.G. Troost²



LIST OF MAP UNITS

[See Description of Map Units in pamphlet for complete unit descriptions]

NONGLACIAL DEPOSITS

m	Modified land (Holocene)
Qw	Wetland deposits (Holocene)
Qb	Beach deposits (Holocene)
Qbo	Beach deposits, old (Holocene)
Qls ¹ Qlb	Landslide deposits (Holocene)
Qols	Old landslide deposits (Holocene and Pleistocene)
Qmw	Mass-wastage deposits (Holocene)
Qf	Alluvial fan deposits (Holocene)
Qa	Alluvium (Holocene)
Qoa	Old alluvium (Holocene and Pleistocene)

YOUNGER GLACIAL DEPOSITS

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

Qvr	Recessional outwash deposits
Qvrn2	Younger recessional outwash in lower Mill Creek terrace
Qvrn1	Older recessional outwash in higher Mill Creek terrace
Qvrsg	Subglacial channel deposits
Qvra2	Younger subglacial channel deposit near Auburn
Qvra1	Older subglacial channel deposit near Auburn
Qvrl	Recessional lacustrine deposits
Qvrs	Recessional coarse-grained lacustrine deposits
Qvrf	Sub-lacustrine fan
Qvrfs	Sub-lacustrine landslide
Qvi	Ice-contact deposits
Qvie	Eskers
Qvt	Till
Qva	Advance outwash deposits

OLDER GLACIAL AND NONGLACIAL DEPOSITS


Qpf	Deposits of pre-Fraser glaciation age (Pleistocene)
Qpfc	Coarse-grained deposits
Qpfn	Nonglacial deposits
Qob	Olympia beds of Minard and Booth (1988) (Pleistocene)
Deposits of Pre-Olympia age (Pleistocene)	
Qpof	Fine-grained deposits
Qpog	Glacial deposits
Qpogc	Coarse-grained deposits
Qpogf	Fine-grained deposits
Qpogu	Till deposits
Qpon	Nonglacial deposits
Qr	Reversely magnetized deposits (Pleistocene)
Qrn	Reversely magnetized nonglacial deposits

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Strike and dip of beds
Inclined
Horizontal

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✱✱✱ Volcanic ash bed

T7012 ☐ **Paleomagnetic sample locality**—Reversed magnetization

Beta-95340 ¹⁴C age locality—See pamphlet, table 1, for ages

WA-6  **Fission track age locality**—See pamphlet

WA-7 Infrared-stimulated luminescence (IRSL) age locality

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Lidar-Revised Geologic Map of the Poverty Bay 7.5' Quadrangle, King and Pierce Counties, Washington

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