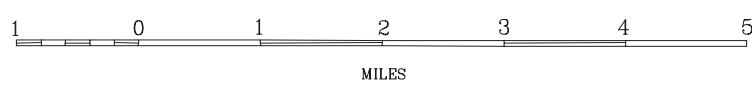


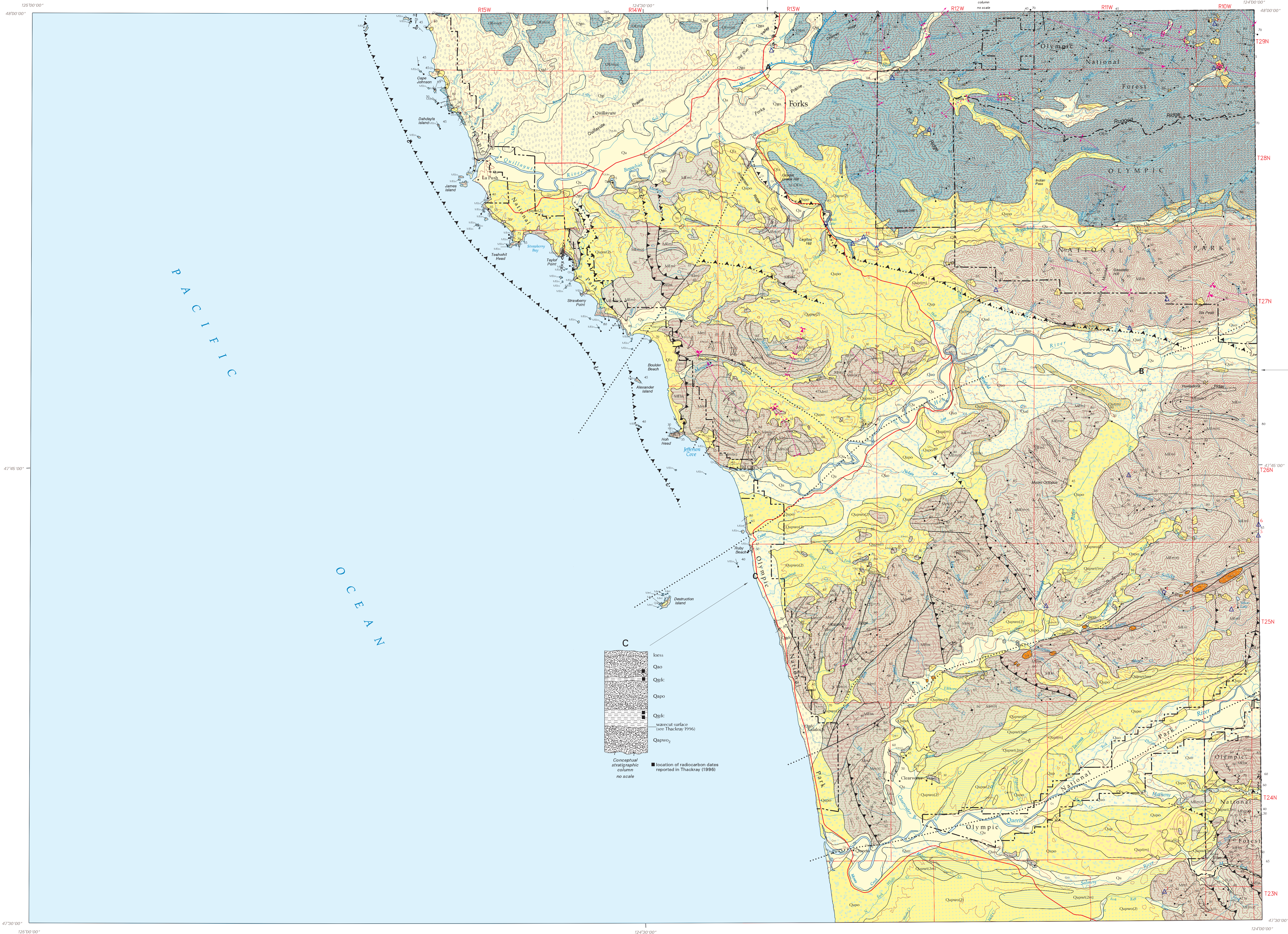
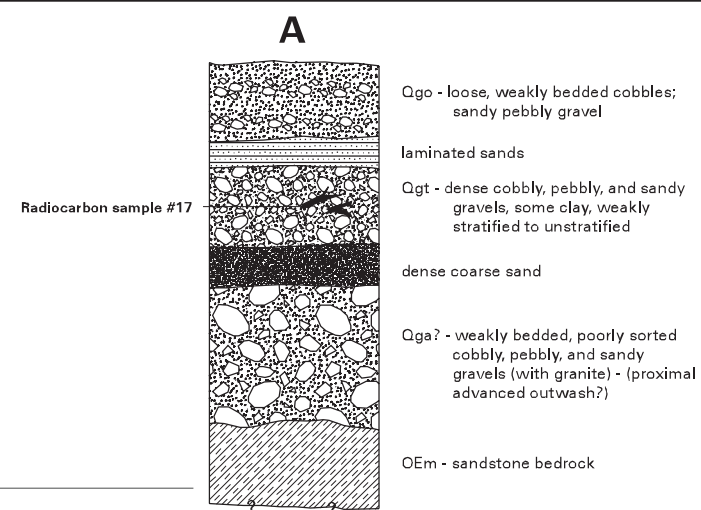
GEOLOGIC MAP of the
FORKS QUADRANGLE, WASHINGTON

Compiled by
Wendy J. Gerstel and William S. Lingley, Jr.
2000

Scale 1:100,000



CONTOUR INTERVAL 200 FEET

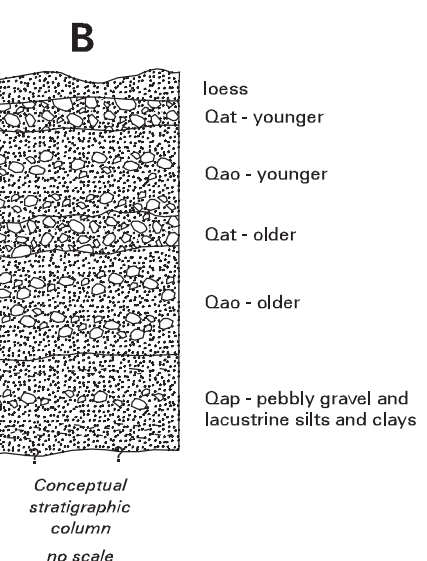


Geologic Units

Qls	mass-wasting deposits, mostly landslides
Qa	alluvium
Qad	alpine glacial drift, Fraser-age
Qat	alpine glacial till, Fraser-age
Qaptm1	alpine glacial till, pre-Fraser morainal deposits
Qapw(1)	alpine glacial drift, pre-Wisconsin older
Qapw(2m)	alpine glacial till, pre-Wisconsin morainal deposits, younger
Qapw(1)	alpine glacial till, pre-Wisconsin older
Qapw(2)	alpine glacial drift, pre-Wisconsin younger
Qapw(1)	alpine glacial outwash, pre-Wisconsin older
Qap	alpine glacial drift, pre-Fraser
Qapo	alpine glacial outwash, pre-Fraser
Qapt	alpine glacial till, pre-Fraser
Qaptm1	alpine glacial till, Fraser-age morainal deposits
Qapw(1m)	alpine glacial till, pre-Wisconsin morainal deposits, older
Qapw(2)	alpine glacial till, pre-Wisconsin younger
Qapw(2)	alpine glacial outwash, pre-Wisconsin younger
Qgs	continental glacial outwash, Fraser-age mostly Vashon Slides in western WA; unnamed in eastern WA
Qgt	continental glacial till, Fraser-age
Qgt	continental glacial drift, Fraser-age mostly Vashon Slides in western WA; unnamed in eastern WA
Qao	alpine glacial outwash, Fraser-age
Qgdo	continental glacial and non-glacial deposits, Fraser-age
PLMm	marine sedimentary rocks
Mnd	marine clastic rocks, dominantly thick-bedded lithic sandstone conglomerate, pebbles
Mn(k)	marine clastic rocks, dominantly thick-bedded lithic sandstone conglomerate, pebbles
Mn(r)	marine sedimentary rocks rhythmic thin- to medium-bedded sandstone and shale
MEn	marine sedimentary rocks
MEn(r)	marine sedimentary rocks rhythmic thin- to medium-bedded sandstone and shale
MEn(k)	marine clastic rocks, dominantly thick-bedded lithic sandstone conglomerate, pebbles
MEnl	marine clastic rocks, dominantly thick-bedded lithic sandstone
MBx	tectonic breccia
OEmo1	marine sedimentary rocks Owaho Lake-Catawah Ridge block
OEm	marine sedimentary rocks
EvL	basaltic rocks

Explanation

Contact	—
Contact, inferred	- - - - -
Contact, scratch boundary	- - - - -
Fault, unknown offset	- - - - -
Fault, unknown offset, approximately located	- - - - -
Fault, unknown offset, concealed	- - - - -
Fault, unknown offset, approximately located, queried	- - - - -
Thrust fault, sawteeth on upper plate	- - - - -
Thrust fault, approximately located, sawteeth on upper plate	- - - - -
Thrust fault, concealed, sawteeth on upper plate	- - - - -
Thrust fault, queried, sawteeth on upper plate	- - - - -
Thrust fault, concealed, queried, sawteeth on upper plate	- - - - -
Left-lateral strike-slip fault	- - - - -
Left-lateral strike-slip fault, concealed	- - - - -
Fault, unknown offset, inferred	- - - - -
Thrust fault, inferred, sawteeth on upper plate	- - - - -
Anticline	- - - - -
Anticline, concealed	- - - - -
Anticline, queried	- - - - -
Overturned anticline	- - - - -
Syncline	- - - - -
Syncline, concealed	- - - - -
Strike and dip of beds	- - - - -
Strike and dip of overturned beds	- - - - -
Strike of vertical beds	- - - - -
Strike and dip of foliation	- - - - -
Strike of vertical foliation	- - - - -
Strike and dip of beds, top known from sedimentary features	- - - - -
Strike and dip of vertical beds, dot indicates top of beds	- - - - -
Strike and dip of bedding in phacoids in shear zones	- - - - -
Strike and dip of variable bedding	- - - - -
Strike of vertical bend in phacoids in shear zones	- - - - -
Age date sample, radiometric	17
Age date sample, fossil	17
continental ice limit	- - - - -



Lambert Conformal projection
NAD 83 North American Datum
Washington coordinate system, south zone
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Washington Division of Geology and Earth Resources
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