



GEOLOGIC MAP OF THE LAKE MCMURRAY AREA WASHINGTON

by KIM MARCUS

FROM 1975 to 1980

- PLEISTOCENE**
 - Ol** Landslide and other gravitationally produced deposits
- CENOZOIC**
 - Tertiary**
 - Tibc** Lower lithofacies; conglomerate, pebbly sandstone, sandstone, siltstone, shale, and minor coal seams.
 - Tubc** Upper lithofacies; pebbly sandstone, sandstone, siltstone, and shale.
 - Ta/Tb/Tbc** Intrusives and extrusives that include rhyolite domes and flows, andesite and basaltic dikes, and ash fall deposits.
 - Quaternary**
 - Tc** Chuckanut Formation; pebbly sandstone, sandstone, and minor conglomerate.
- MESOZOIC**
 - Mz** Rocks of Frailey Mountain; graywacke, siltstone, volcanic rock, Tibbon chert and minor limestone beds.
 - Mt** Rocks of Table Mountain; greenstone, serpentinite, graywacke, pillow basalts, argillite, and ultrabasic rocks.
- PALEOZOIC**
 - Pm** Trafton Sequence; chert, argillite, greenstone, and minor limestone beds.
 - Pd** Darrington Phyllite; phyllite with veins of quartz.
 - Pd** Metagranitic rocks; quartz diorite.

Key to geologic map symbols

- Contact, solid where sure and dashed where inferred
- Fault, normal
- Fault, thrust
- Syncline axis
- Strike and dip normal
- Strike and dip overturned

Other sources used in the compilation of this map were Hobbs and Pecora (1941), Loveth (1975), and Dethier and Whetten (1960).

CONWAY QUADRANGLE
WASHINGTON
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE 1/4 MOUNT VERNON 15' QUADRANGLE



Topography by C. P. McKinley, E. S. Rickard, A. D. Schultz, S. T. Tudor, and Ralph Evans
Surveyed in 1941
JUNC. U. S. NO. 99 0.4 MI.

ARLINGTON (JUNC. STATE NO. 1E) 5 MI.
LAKE STEVENS (JUNC. STATE NO. 15A) 20 MI.

Scale 1/82500

