

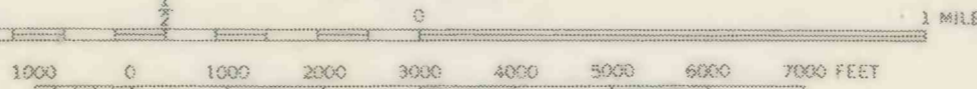


Mapped by Pacific Area, Geological Survey

This is an unedited copy of an original manuscript including field additions made in 1964

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1964

SCALE 1:24000



CONTOUR INTERVAL 40 FEET  
DASHED LINES REPRESENT 20-FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.

**PRELIMINARY BEDROCK MAP OF THE CHIWAUKUM 4 SE QUADRANGLE,  
CHIWAUKUM GRABEN, WASHINGTON**

by  
**John T. Whetten  
1980**