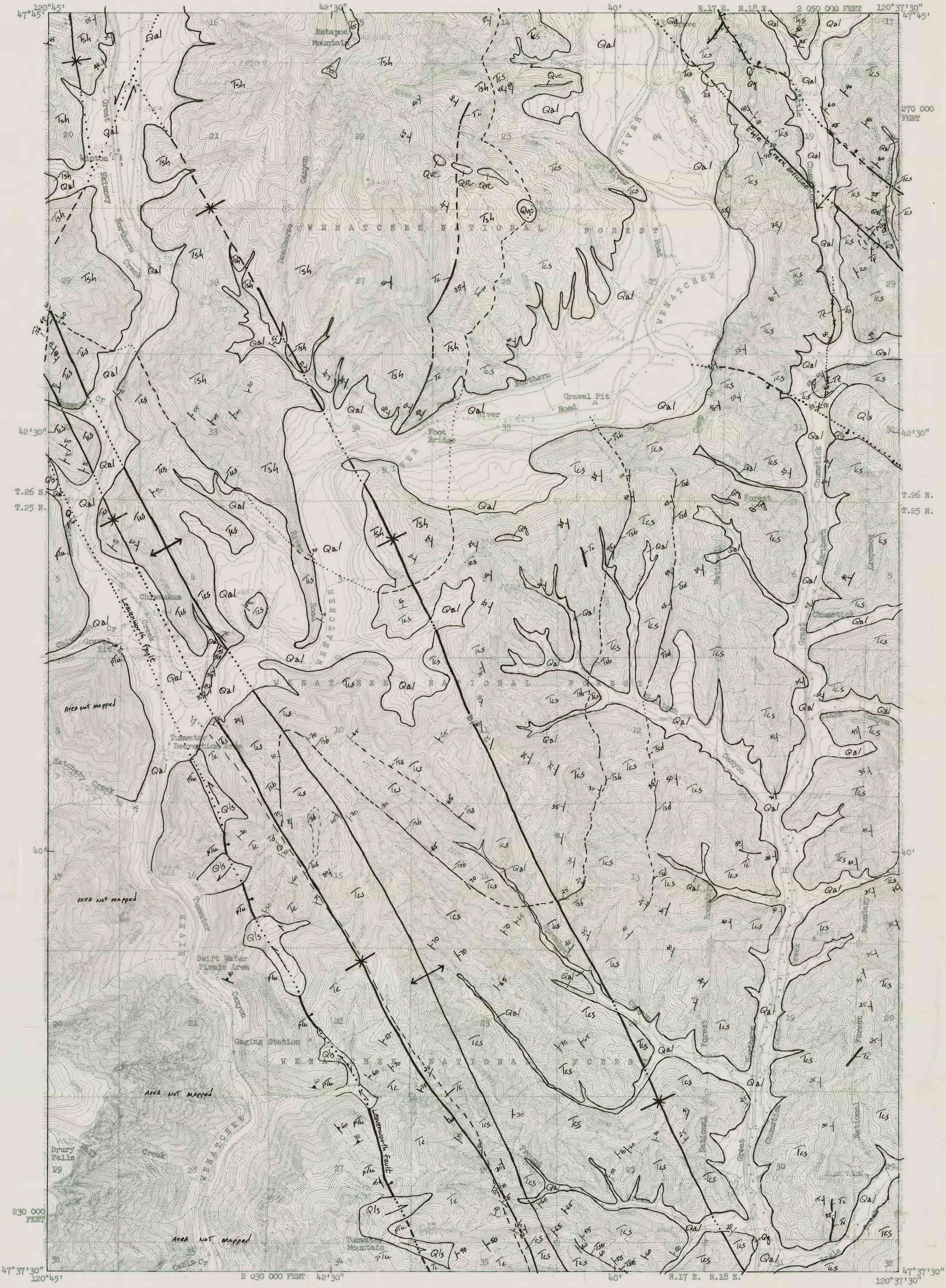
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN-FILE REPORT 80-456



Mapped by Pacific Area, Geological Survey

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

APPROXIMATE MEAN DECLINATION, 1964

SCALE 1:24000

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

Geology mapped in 1975, 1977, and 1979.

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

PRELIMINARY BEDROCK GEOLOGIC MAP OF THE CHIWAUKUM 4 NW QUADRANGLE, CHIWAUKUM GRABEN, WASHINGTON

by

John T. Whetten

1980