DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT 80-200

PLATE I

NOT MAPPED

NOT MAPPED

CONTACT, APPROXIMATELY LOCATED
FAULTS, DASHED WHERE APPROXIMATELY LOCATED, DOTTED WHERE CONCEALED
FAULT WITH QUATERNARY MOVEMENT
HIGH-ANGLE FAULT, SYMBOL ON DOWNTHROWN SIDE
THRUST FAULT, SAWTEETH ON UPPER PLATE
STRIKE-SLIP FAULT, SHOWING RELATIVE HORIZONTAL MOVEMENT
OBLIQUE-SLIP FAULT, SHOWING RELATIVE HORIZONTAL AND VERTICAL MOVEMENT
LINEAMENT, POSSIBLY STRIKE-SLIP FAULT
FOLDS, SHOWING DIRECTION OF PLUNGE, DASHED
WHERE APPROXIMATELY LOCATED, DOTTED
WHERE CONCEALED
CREST OF ANTICLINE
TROUGH OF SYNCLINE
MONOCLINAL AXES, DASHED WHERE APPROXIMATELY
LOCATED, DOTTED WHERE CONCEALED
ABRUPT DECREASE OF DIP IN DIRECTION OF ARROWS
ABRUPT INCREASE OF DIP IN DIRECTION OF ARROWS
STRIKE AND DIP
HORIZONTAL
INCLINED
OVERTURNED
VENT AREA

CORRELATION OF MAP UNITS

QUATERNARY
Holocene
Pleistocene
UNCONFORMITY
TERTIARY
Pliocene
Miocene
UNCONFORMITY
Oligocene

SEE APPENDIX FOR DESCRIPTION OF MAP UNITS

GEOLOGY WEST OF KLICKITAT RIVER MODIFIED FROM HAMMOND (1980)

LATERAL OFFSETS ACROSS STRIKE-SLIP FAULTS SHOWN SCHEMATICALLY
IN MANY PLACES OWING TO POOR EXPOSURE OR SMALL DISPLACEMENT

MAPPING CONDUCTED IN 1979 UNDER INTERAGENCY AGREEMENT NO. EW-78-1-06-1078 WITH THE U.S. DEPARTMENT OF ENERGY IN SUPPORT OF THE BASALT WASTE ISOLATION PROGRAM ADMINISTERED BY ROCKWELL HANFORD OPERATIONS

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

RECONNAISSANCE GEOLOGIC MAP OF THE YAKIMA INDIAN RESERVATION, EMPHASIZING THE COLUMBIA RIVER BASALT GROUP

BY ROBERT D. BENTLEY, JAMES L. ANDERSON, NEWELL P. CAMPBELL, AND DONALD A. SWANSON

ASSISTED BY G. POTTS, T. TOLAN, AND D. TAHKEAL

1980

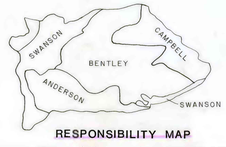
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

YAKIMA INDIAN RESERVATION
YAKIMA AND KLICKITAT COUNTIES, WASHINGTON
CONTOUR INTERVAL 100 FEET

COMPILED FROM U.S.G.S. QUADRANGLE MAPS
REVISED FROM AERIAL PHOTOS DATED AUGUST 1973
OWNERSHIP AS OF - 4-30-73

SCALE IN MILES

PREPARED BY THE OFFICE OF H.S. CHICKERING JR.
CONSULTING PHOTOGRAMMETRIST INC.
EUGENE, OREGON



RESPONSIBILITY MAP