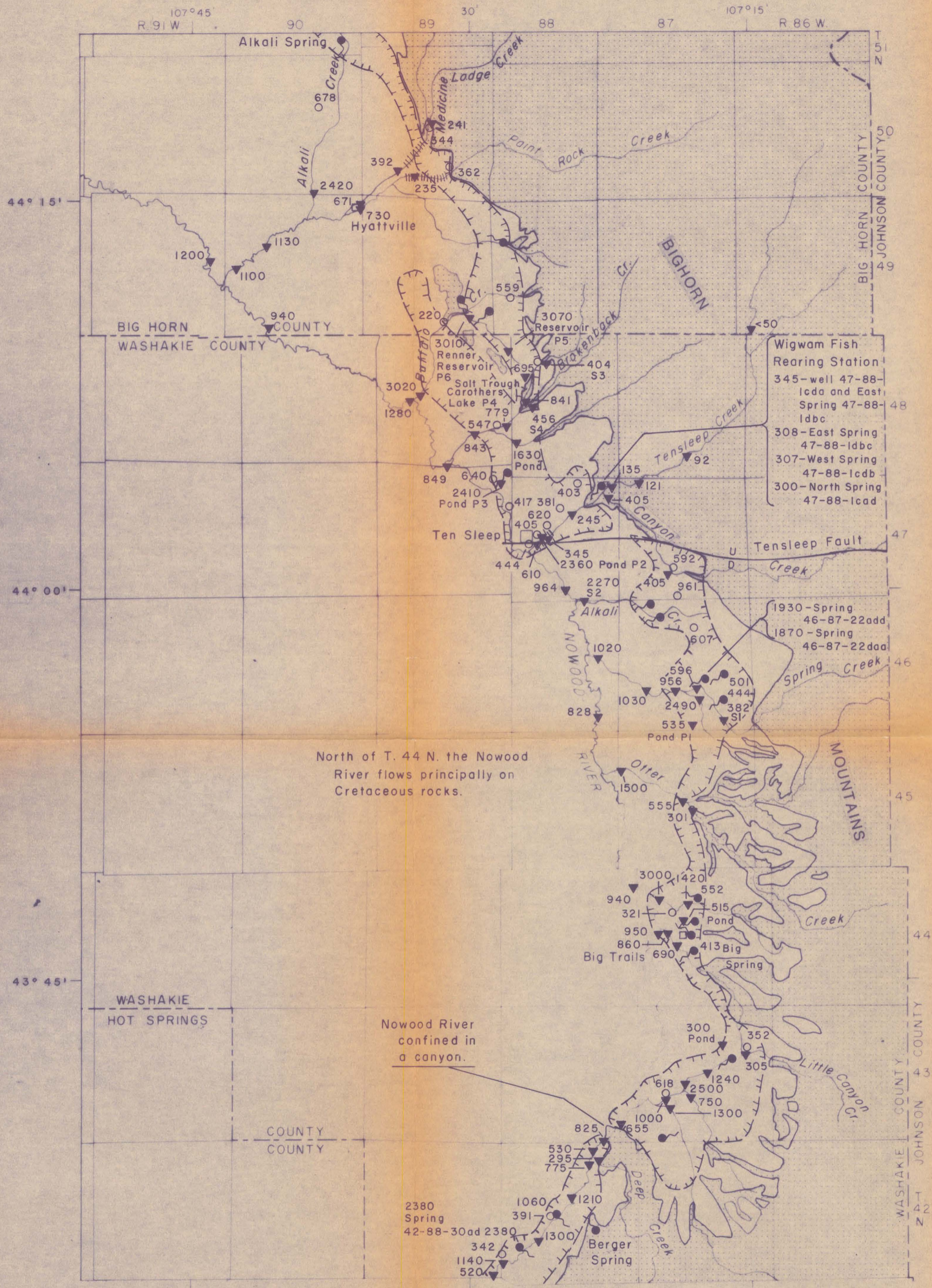
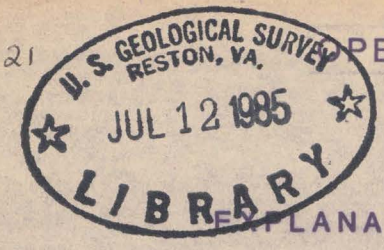


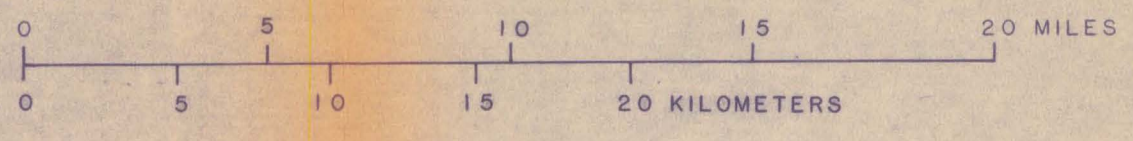
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no. 84-621



- EXPLANATION**
- ROCKS YOUNGER THAN TENSLEEP SANDSTONE
 - TENSLEEP SANDSTONE AND OLDER ROCKS
 - CONTACT
 - FAULT-- D, downthrown side; U, upthrown side
 - WELL--Number denotes specific conductance, in microsiemens per centimeter at 25° Celsius, obtained from chemical analysis listed in table 9 for wells completed in Tensleep Sandstone and/or Goose Egg, Park City, or Amsden Formations
 - SPRING--Number denotes specific conductance, in microsiemens per centimeter at 25° Celsius, obtained from chemical analysis listed in table 6
 - LOCATION OF SPECIFIC CONDUCTANCE OR CHEMICAL ANALYSIS OF STREAM OR POND--Number denotes specific conductance, in microsiemens per centimeter at 25° Celsius, from onsite measurement September 8-13, 1976, or from chemical analysis listed in table 7; S1-S4 or P1-P6 indicates number of chemical analysis of stream or pond, respectively, listed in table 7
 - APPROXIMATE LOCATION OF THE LOWLAND ERODED INTO THE CHUGWATER AND GOOSE EGG FORMATIONS THAT CONTAINS SOLUTION-COLLAPSE FEATURES
 - REACHES OF TENSLEEP CREEK AND POSSIBLY PAINT ROCK AND MEDICINE LODGE CREEKS THAT RECEIVE INFLOW FROM GROUND WATER MOVING UPWARD FROM THE PALEOZOIC ARTESIAN AQUIFERS

Base from U.S. Geological Survey
1:250,000 quadrangles, Sheridan,
1962, and Arminto, 1973.

Bedrock geology from Lowry and others (1976).



MAP SHOWING LOCATION OF SPRINGS ASSOCIATED WITH THE LOWLANDS CONTAINING SOLUTION-COLLAPSE FEATURES AND SPECIFIC CONDUCTANCE OF SELECTED STREAMFLOW, SPRING FLOW, PONDS, AND WELL WATER, TEN SLEEP AREA OF THE BIGHORN BASIN, WYOMING.