*
(200)
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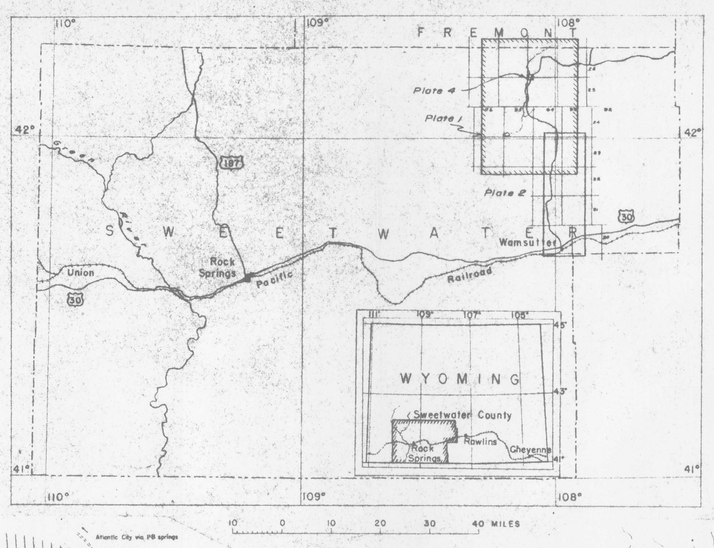
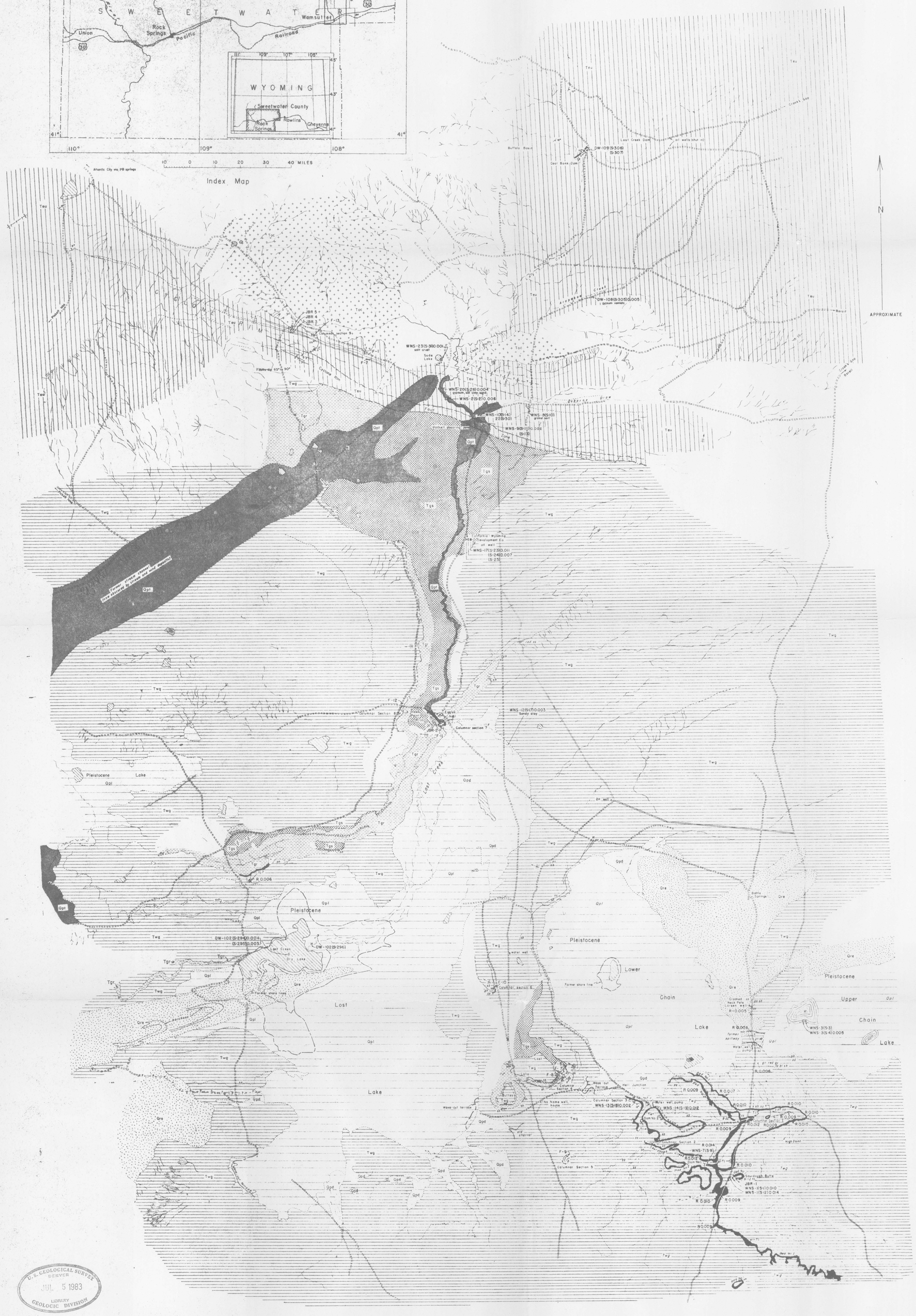
no. 122



Index Map



EXPLANATION

QUATERNARY — PLEISTOCENE AND RECENT

Qre — Eolian sand

Qpl — Lake deposit

Qpd — Former delta and/or alluvial fan

Qpt — Stream terrace deposit (Includes Recent alluvium and terrace sand, silt, clay, and gravel of several ages.)

QUATERNARY — OLIGOCENE

Toc — Chadron formation

TERTIARY — EOCENE

Tgs — Green River formation (Lacustrine shale and interbedded sandstone.)

Tgr — Green River formation (Lacustrine gray to brown papery or platy shale and interbedded algal limestone.)

Teu — Eocene formations undifferentiated (Probably includes facies of Wasatch, Green River, Bridger, and Continental Peak formations.)

Twg — Wasatch and Green River formations undifferentiated (In part overlain by Pleistocene and Recent alluvial, colluvial, and eolian deposits.)

Tl — Radioactive lignite and carbonaceous shale members of the Wasatch formation (Includes ash and clinker; thickness shown where known.)

Abbreviations used to describe rock type:

Green(gn), gray(gy), sandstone(ss), shale(sh), gypsum(gyp), grass, etc.

WNS-1(S-1) 0.010 — Type of material sampled, locality number, (sample number), percent equivalent uranium

Types of material sampled are shown thus:

- Lignite and carbonaceous shale
- Clinker and ash
- Water
- Clay and other materials

F-8, JBR-1 — Fossil locality (See table 10)

Columnar Section 3 — Location of measured section shown on plate 3, and tables 1 to 10

R 0.001 — Approximate percent equivalent uranium (Estimated from field and laboratory determinations.)

Contact (Dashed where approximately located; contacts, where recognized, also shown within major units mapped.)

Inferred contact (Photo-interpretation; contacts, where recognized, also shown within major units mapped.)

U D 65° to 90° — Fault, showing dip

Approximate limits of fault zone (Photo-interpretation)

Probable fault (Photo-interpretation)

Probable syncline, showing position of trough (Photo-interpretation)

15° — Strike and dip of beds

Strike and dip of beds (Photo-interpretation)

Perennial stream

Former stream channel

Intermittent streams

Dam

Lake

Dry lake bed or playa

Graded road

Track or trail

Oil or gas well

"Shot" hole for seismic survey

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Uncontrolled planimetric base compiled from aerial photographs by the Topographic Division, U.S. Geological Survey

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

Plate I.–RECONNAISSANCE GEOLOGY OF PART OF THE RED DESERT, GREAT DIVIDE BASIN, SWEETWATER COUNTY, WYOMING

Approximate Scale
1 0 2 3 Miles

Geology by Donald G. Wyant and William N. Sharp in 1949–50