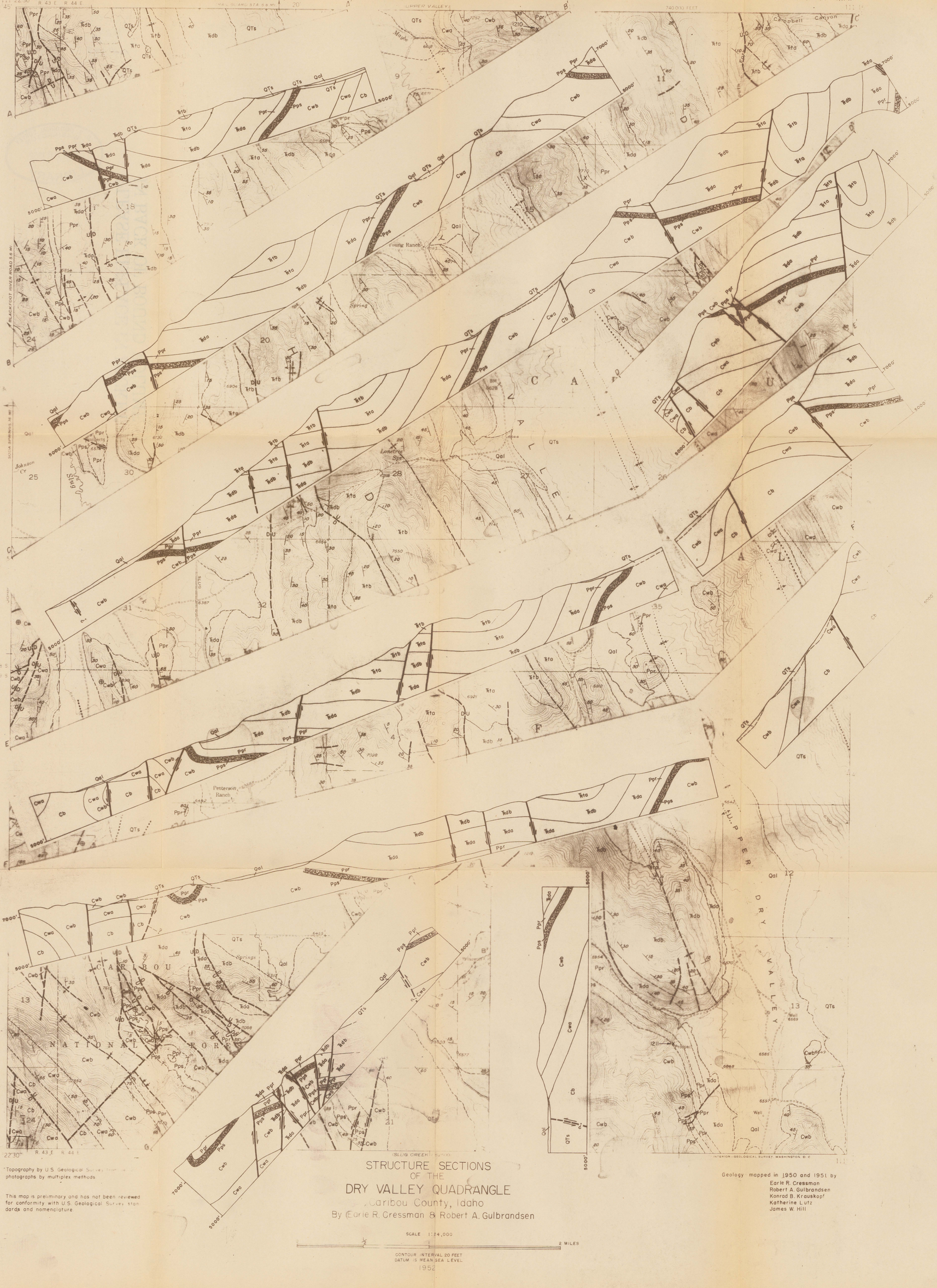
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

THIS WORK WAS DONE ON BEHALF OF THE
RAW MATERIALS DIVISION OF THE ATOMIC ENERGY COMISSION

PRELIMINARY MAP

PLATE 2



EXPLANATION

ROCK UNITS

Qal
Alluvium
Includes some fan deposits

Angular unconformity

QTs
Sedimentary deposits
Oolitic limestone, calcareous and tuffaceous (?) conglomerates, unconsolidated gravel, and older alluvium and fan deposits.

Angular unconformity

Trtb
B member
Thin-bedded brownish-gray silty limestone and calcareous siltstone that weathers into large platy fragments, and medium-bedded light brownish-gray calcareous siltstone.

Trta
A member
Thin-bedded gray to black siltstone and limestone and gray to black fissile mudstone; Meekoceras-bearing limestone at base; 650 to 850 feet thick.

Thaynes formation

Trdb
Upper member
Gray fossiliferous limestone interbedded with thick-bedded pale olive-brown calcareous siltstone and thin-bedded light grayish-brown to olive-brown siltstone; 700 to 1,100 feet thick.

Trda
Lower member
Thin-bedded to fissile light grayish-brown to olive-brown calcareous siltstone containing some interbedded light-gray limestone; thick-bedded black-weathering calcareous siltstone at top; 850 to 1,000 feet thick.

Dinwoody formation

Ppr
Rex chert member
Thick-bedded to massive chert and thin-bedded black cherty mudstone; approximately 300 feet thick.

Pps
Phosphatic shale member
Thin-bedded dark-brown to black mudstone, limestone, and phosphate rock; 180 to 200 feet thick.

Phosphoria formation

Cwb
Upper member
Light-gray to weak yellowish-orange fine-grained sandstone, cross-bedded and brecciated in places, contains subordinate very light-brown to white limestone; light-gray limestone containing bands of bluish-gray chert at top; 1,300 to 1,600 feet thick.

Cwa
Lower member
Thin- and medium-bedded gray limestone and silty limestone containing many chert nodules and stringers and subordinate amounts of sandstone; approximately 600 feet thick.

Wells formation

Cb
Brazer limestone
Massive, cliff-forming gray limestone underlain by interbedded limestone and sandstone; thickness more than 800 feet.

MAP SYMBOLS

Contacts

Contact
Long-dashed where approximately located, short-dashed where gradational, indefinite, or inferred, dotted where covered; queries indicate doubtful position of contact.

Faults

Fault
Dashed where approximately located or inferred, dotted where covered; U, upthrown side; D, downthrown side

Fault, showing relative movement

Folds

Anticline
Showing approximate location of trace of axial plane; dotted where concealed.

Syncline
Showing approximate location of trace of axial plane; dotted where concealed.

Overturned anticline
Showing approximate location of trace of axial plane

Overturned syncline
Showing approximate location of trace of axial plane

Bedding

Strike and dip of beds

Strike and dip of overturned beds

Strike of vertical beds

Horizontal beds

Surface openings

Trench
1208, 1210, 1211, 1212 and 1260 are lot numbers of sampling program trenches

Portal of adit

*Topography by U.S. Geological Survey from aerial photographs by multiplex methods

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature

STRUCTURE SECTIONS OF THE DRY VALLEY QUADRANGLE

Caribou County, Idaho

By Earle R. Cressman & Robert A. Gulbrandsen

SCALE 1:24,000

2 MILES

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

1952

Geology mapped in 1950 and 1951 by
Earle R. Cressman
Robert A. Gulbrandsen
Konrad B. Krauskopf
Katherine Lutz
James W. Hill

INTERIOR—GEOLOGICAL SURVEY WASHINGTON, D. C.