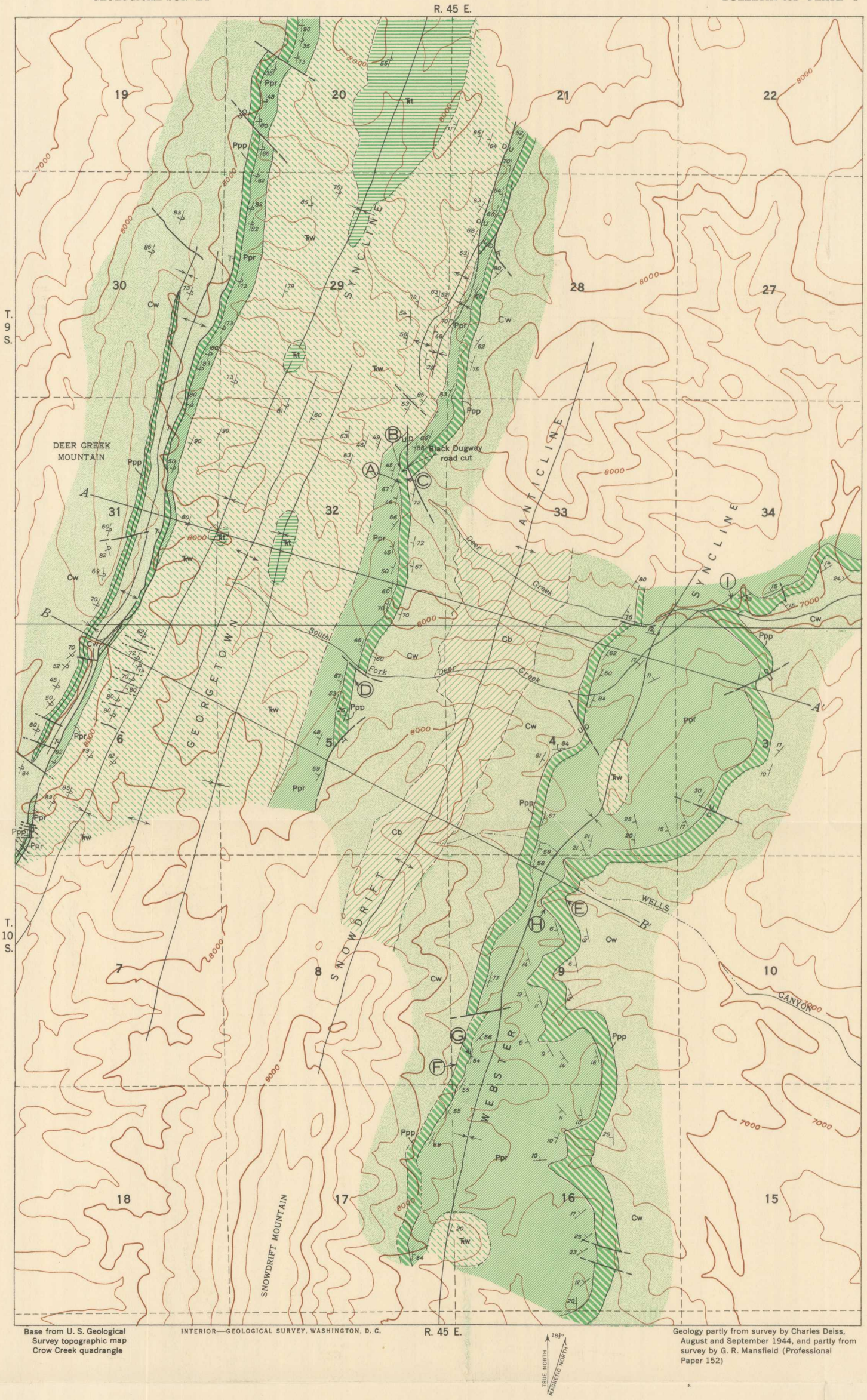


Base from U. S. Geological Survey topographic map Crow Creek quadrangle

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.

Geology partly from survey by Charles Deiss, August and September 1944, and partly from survey by G. R. Mansfield (Professional Paper 152)

EXPLANATION

TRIASSIC

- Trt — Thaynes group
- Trw — Woodside shale

PERMIAN

Phosphoria formation

- Ppr — Rex chert member
- Ppp — Phosphatic shale member

CARBONIFEROUS

Pennsylvanian

- Cw — Wells formation

Mississippian

- Cb — Brazer limestone
- Cm — Madison limestone

Contact, accurate to 25 feet

Contact, accurate to 100 feet

Contact, accurate to 500 feet

Fault
Not exposed. Position and attitude inferred

Fault
U, *upthrown side*; D, *downthrown side*
Dashed where approximately located

Thrust fault
T, *overthrust side*

Strike and dip of beds

Strike and dip of overturned beds

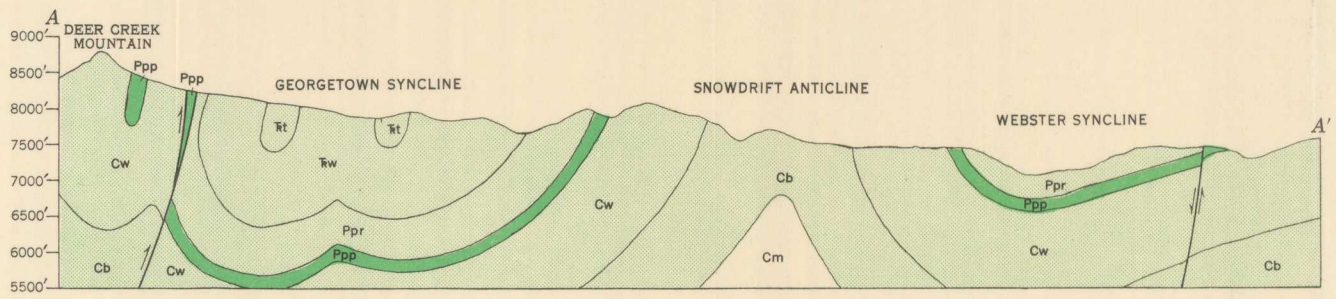
Strike of vertical beds

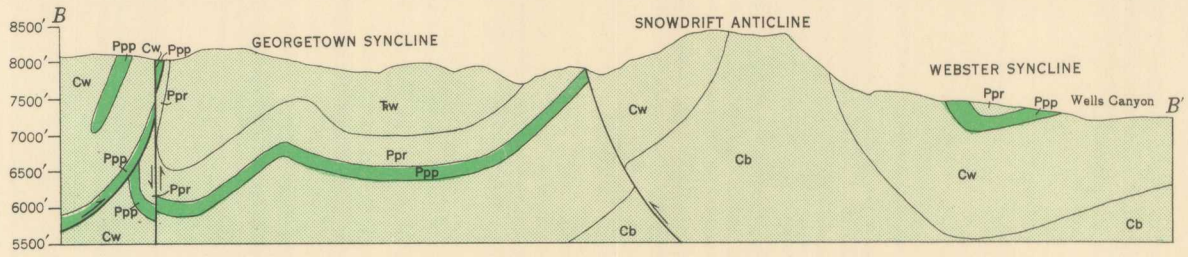
Axis of syncline

Axis of anticline

Location of trench

Trench	Number of samples
A	20
B	18
C	2
D	3
E	29
F	10
G	21
H	27
I	57





GEOLOGIC MAP AND SECTIONS OF THE DEER CREEK-WELLS CANYON PHOSPHATE AREA, IDAHO

Scale $\frac{1}{31,680}$

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10,000 Feet

Contour interval 250 feet
Datum is mean sea level