EXPLANATION

Pleistocene(?) and Recent — QUATERNARY

Qal — Overburden
Alluvium, colluvium, and terrace deposits

UNCONFORMITY

Eocene — TERTIARY

Twb — Cathedral Bluffs tongue of Wasatch formation and Battle Spring formation, undifferentiated

Tgt — Tipton tongue of Green River formation

LITHOLOGIC UNITS

Letter symbols used to designate lithologic units within a Tertiary formation

Shale, sh; *shale containing limestone concretions*, shl; *bentonite bed (brown waxy claystone, 0.5–2.5 inches thick)*, bt; *interbedded shale and sandstone, also sandy shale*, shs; *claystone, massive and blocky, poorly fissile*, cl; *claystone containing limestone concretions*, cll; *sandy claystone or clayey sandstone, also interbedded sandstone and claystone when individual beds are less than 1 foot thick, also complexly mottled and interlensed beds of claystone and sandstone*, scl; *interbedded claystone and pebbly sandstone*, clp; *silty claystone or clayey siltstone, also interbedded siltstone and claystone when individual beds are less than 1 foot thick, also complexly mottled and interlensed beds of siltstone and claystone*, cst; *siltstone*, st; *sandy siltstone or silty sandstone, also interbedded sandstone and siltstone when individual beds are less than 1 foot thick, also complexly mottled and interlensed beds of sandstone and siltstone*, sst; *interbedded siltstone and pebbly sandstone, also pebbly sandstone mottled with irregular lenses of siltstone*, stp; *sandstone*, ss; *pebbly sandstone*, pss

Contact

Fault
Direction of relative movement unknown

Fault
Arrows show apparent direction of relative movement

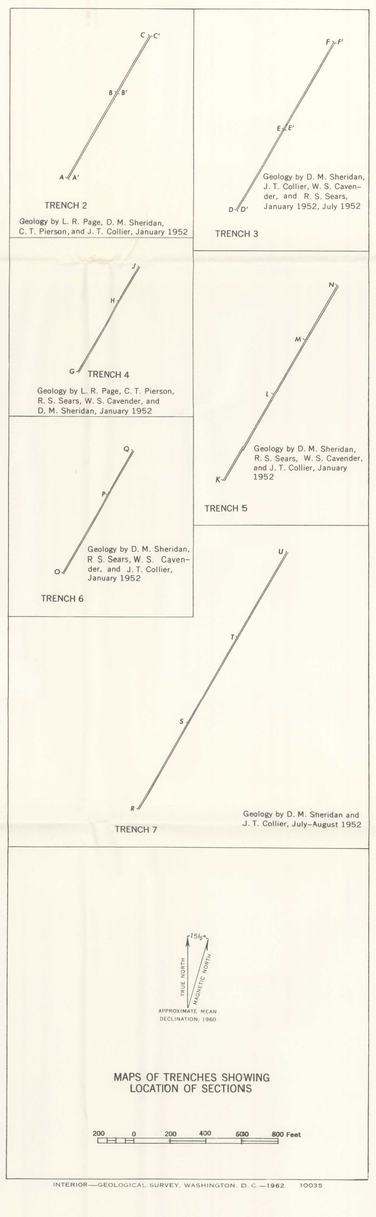
Schroeckingerite deposit

Face-cut samples in schroeckingerite deposit
Number of sample; area of sample in square feet; percent equivalent uranium; percent uranium

Horizontal channel sample
Number of sample, length of sample in feet, percent equivalent uranium, percent uranium

Water level in trench

FL-1 Fossil locality



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GEOLOGIC SECTIONS OF TRENCHES 2–7, LOST CREEK SCHROECKINGERITE DEPOSITS, SWEETWATER COUNTY, WYOMING

Scale 1:240

20 0 20 40 60 80 100 Feet

Datum is approximate mean sea level