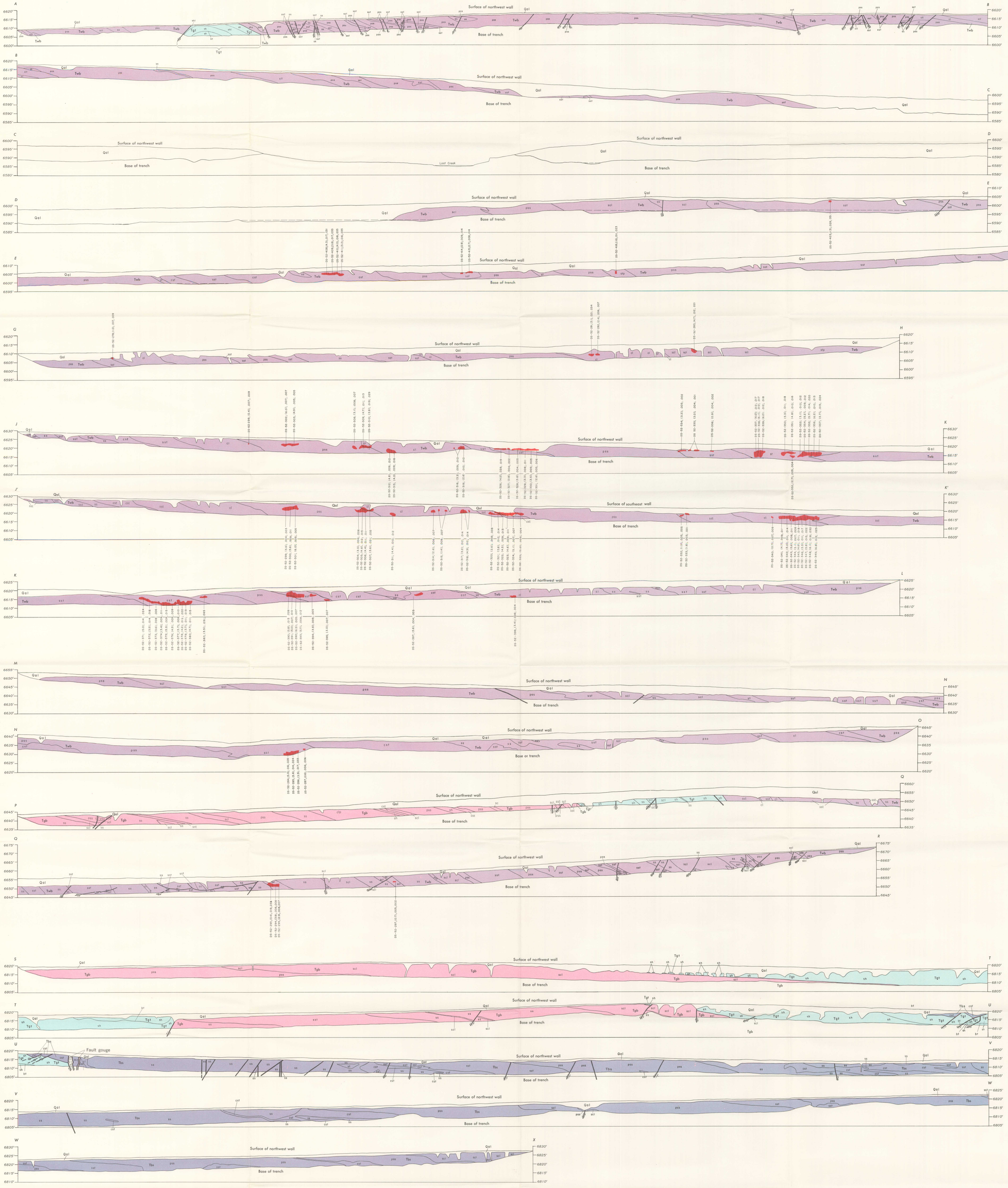


EXPLANATION

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

Tbs — Battle Spring formation

Tgt — Tipton tongue of Green River formation

Tgb — Tipton tongue of Green River formation and Battle Spring formation, undifferentiated

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, 0.5–3.0 inches thick),* bg; *interbedded shale and sandstone, also sandy shale,* sho; *claystone, massive and blocky, poorly fissile,* cl; *claystone containing limestone concretions,* cls; *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,* cl; *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

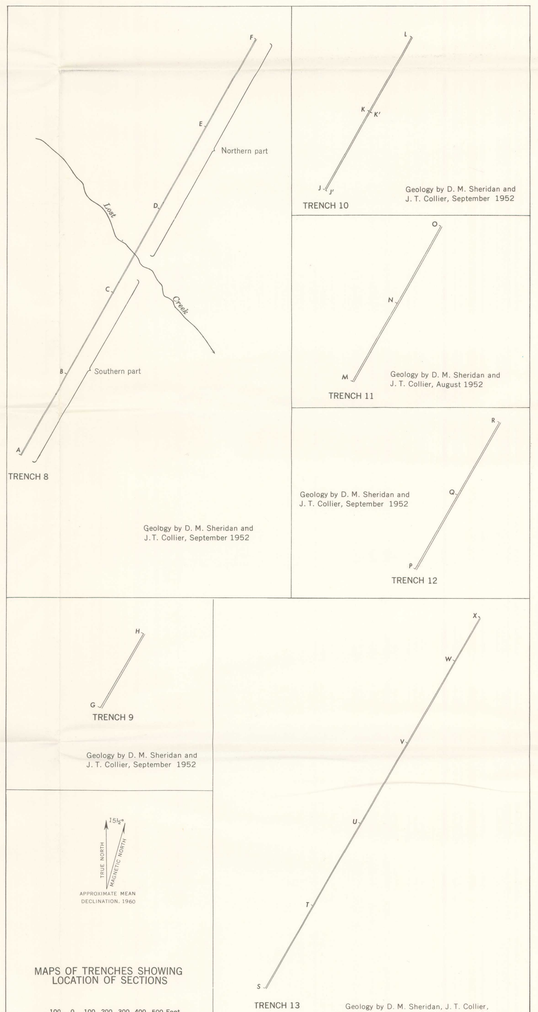
Fault
Dashed where approximately located; arrows show apparent direction of relative movement

Schroeckingerite deposit

DS-52-317; (3.2); .012; .014 — DS-52-318; (4.3); .012; .014

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

Water level in trench



MAPS OF TRENCHES SHOWING LOCATION OF SECTIONS

GEOLOGIC SECTIONS OF TRENCHES 8–13, LOST CREEK SCHROECKINGERITE DEPOSITS, SWEETWATER COUNTY, WYOMING

Scale 1:240

20 0 20 40 60 80 100 Feet

Datum is approximate mean sea level

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