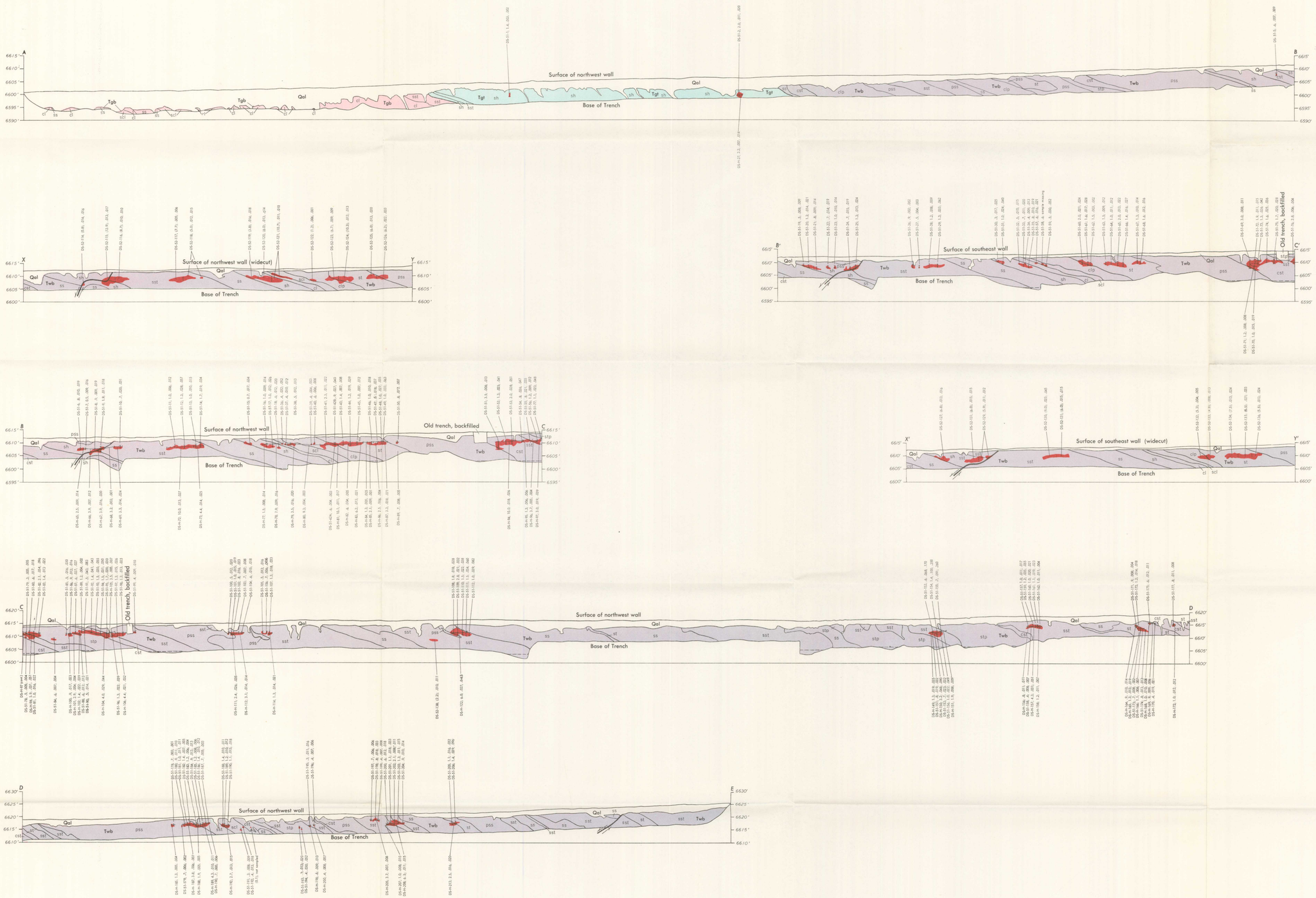


EXPLANATION

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

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.; *claystone, massive and blocky, poorly fissile,* cl; *sandy claystone or clayey sandstone, also interbedded sandstone and claystone when individual beds are less than 1 foot thick, and 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, and 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, and complexly mottled and interlensed beds of sandstone and siltstone,* sst; *interbedded siltstone and pebbly sandstone, and pebbly sandstone mottled with irregular lenses of siltstone,* stp; *sandstone,* ss; *pebbly sandstone,* pss

Contact

Fault
Arrows show apparent direction of relative movement

Schroeckingerite deposit
Dotted lines within certain deposits indicate areas differing in schroeckingerite content

DS-52-131; (6.0), .015, .015

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

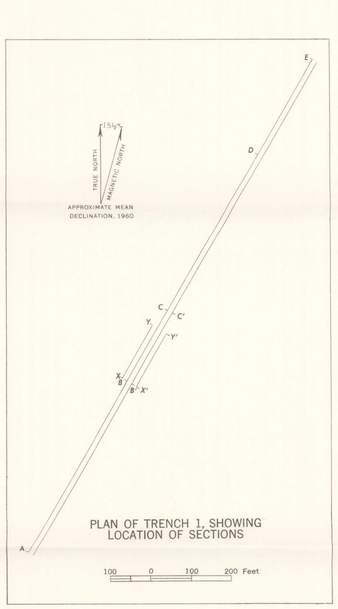
DS-51-73; 1.3, .026, .042

Vertical channel sample in schroeckingerite deposit
Number of sample; length of sample in feet; percent equivalent uranium; percent uranium

DS-15-94; 10.0, .018, .026

Horizontal or slightly inclined channel samples in host rock and in schroeckingerite deposit
Number of sample; length of sample in feet; percent equivalent uranium; percent uranium

Water level in trench



PLAN OF TRENCH 1, SHOWING LOCATION OF SECTIONS

Geology by D. M. Sheridan, R. S. Sears, J. T. Collier, and W. S. Cavender, December 1951–January 1952

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—10035

GEOLOGIC SECTIONS OF TRENCH 1, LOST CREEK SCHROECKINGERITE DEPOSITS, SWEETWATER COUNTY, WYOMING

Scale 1:240

20 0 20 40 60 80 100 Feet

Datum is approximate mean sea level