



EXPLANATION

**LITHOLOGIC UNITS**  
Letter symbols are used to designate lithologic units within a Tertiary formation *sh*, shale, *bt*, bentonite bed (brown waxy claystone, 0.5 inch to 2.5 inches thick), *shs*, interbedded shale and sandstone, also sandy shale, *cl*, claystone, massive and blocky, poorly fissile, *cll*, claystone containing limestone concretions, *sc*, sandy claystone or clayey sandstone, also interbedded sandstone and claystone when individual beds are less than 1 ft thick, also complexly mottled and interensed beds of claystone and sandstone, *cs*, silty claystone or clayey siltstone, also interbedded siltstone and claystone when individual beds are less than 1 ft thick, also complexly mottled and interensed beds of siltstone and claystone, *st*, siltstone, *ss*, sandy siltstone or silty sandstone, also interbedded sandstone and siltstone when individual beds are less than 1 ft thick, also complexly mottled and interensed beds of sandstone and siltstone, *ss*, sandstone, *pss*, pebbly sandstone

**UNCONFORMITY**  
Overburden Alluvium, colluvium, and terrace deposits  
Cathedral Bluffs tongue of Wasatch formation  
Tipton tongue of Green River formation

**FAULT**  
Direction of relative movement unknown  
Fossil locality and number  
Schroekingite deposits  
Solid black for small deposits  
Face-cut samples in schroekingite deposit  
number of sample, (area of sample in square feet), percent equivalent uranium, percent uranium

**CONTACTS**  
Unconformable contact between Quaternary and Tertiary sediments  
Contact between Tertiary formations  
Contact between lithologic units

**PLAN OF TRENCH 3**  
SHOWING LOCATION OF SECTIONS  
0 100 200 300 400 500 Feet

PLATE 10—GEOLOGIC SECTIONS OF TRENCH 3 SHOWING ASSAYS, LOST CREEK SCHROECKINGERITE DEPOSITS, SWEETWATER COUNTY, WYOMING

20 10 0 20 40 60 80 Feet  
Datum is approximate mean sea level

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