



EXPLANATION

Quaternary deposits not shown

Green River and Wasatch formations
 Tac, Cathedral Bluffs tongue of Wasatch formation, Tgt, Tipton tongue of Green River formation, Tga, undifferentiated complexly intertongued Tipton tongue of Green River formation and Hiawatha member of Wasatch formation (Nightingale, 1930).
 Patterns restricted to areas of outcrop

Contact, showing dip
 Long dashes where approximately located.
 Short dashes where concealed. \perp

Limit of outcrop

Fault, showing dip

Concealed fault showing dip, as observed in trenches; U, upthrown side; D, downthrown side. \perp

Strike and dip of Tertiary beds, as observed in trenches

Trench 1 Trench 9

United States Geological Survey exploratory trench number 1, showing wide cut, and trench number 9.

Old trench 2/

United States Geological Survey jeep auger 2/ hole number ES-87; old drill hole number H-35

Old prospect pits and bulldozed cuts 2/

Locations of known schrockerite deposits: shown by x in trenches and in cut bank along Lost Creek, by solid black in drill holes, prospect pits, and bulldozed cuts.

Schrockerite observed on dump of old trench, not exposed in covered or filled trench.

1/ The locations of concealed contacts and concealed faults were determined partly by projection of known data from outcrops, trenches, and drill holes and partly by interpretation of aerial photographs.

2/ Old trenches, old drill holes, and old prospect pits and bulldozed cuts were excavated prior to exploratory work by the United States Geological Survey.

INSET MAP OF TRENCH 1 AREA, SHOWING LOCATIONS OF BUCKET HOLES AND JEEP AUGER HOLES

EXPLANATION

○ ES-7 ○ B-4
 Drill holes;
 Jeep auger hole No. ES-7
 Bucket hole No. B-4

●
 Drill hole containing Schrockerite

Scale: 300 150 0 300 600 900 Feet

INDEX TO MAPPING:

A, mapped by D.G. Wyant, W.N. Sharp, and H.L. Bauer, 1949, and revised by D.M. Sheridan, C.H. Maxwell, and J.T. Collier, 1952;
 B, mapped by D.M. Sheridan, C.H. Maxwell, J.T. Collier, and A.W. Rose, 1952.

PLATE 5.- DETAILED MAP OF THE EXPLORATION AREA, TRENCHES 1, 2, 5, 6, 7, 8, 9, and 10, LOST CREEK SCHROCKERITE DEPOSITS, SWEETWATER COUNTY, WYOMING

