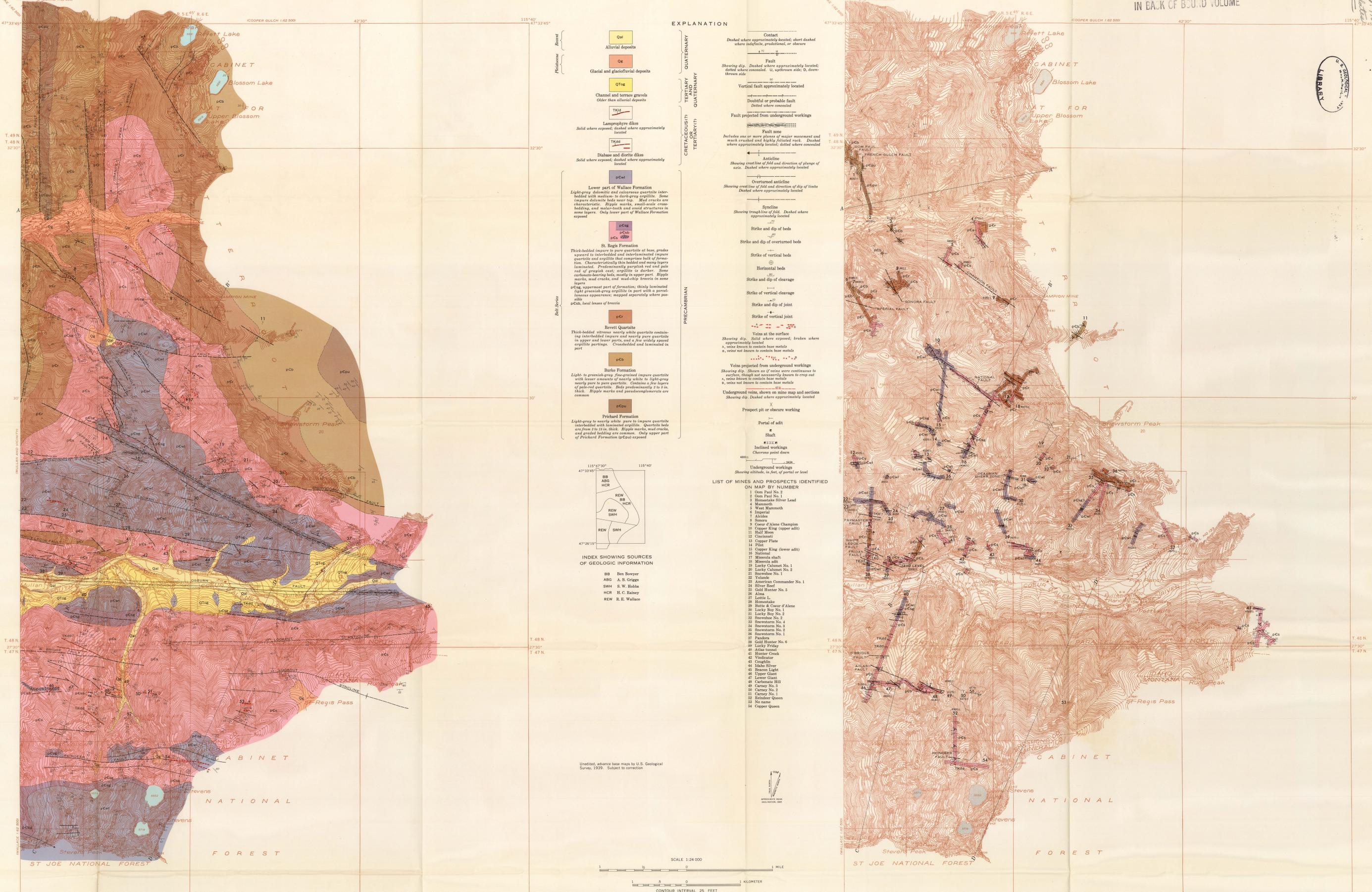


PLEASE PLACE IN POCKET IN BACK OF BOUND VOLUME



EXPLANATION

QUATERNARY

- Qel Alluvial deposits
- Qe Glacial and glaciofluvial deposits
- QTos Channel and terrace gravels Older than alluvial deposits
- TKsd Laminophyre dikes Solid where exposed; dashed where approximately located
- TKdd Diabase and diorite dikes Solid where exposed; dashed where approximately located

CRETACEOUS(?) TERTIARY AND QUATERNARY

- pCwl Lower part of Wallace Formation Light-gray dolomitic and calcareous quartzite interbedded with medium to dark-gray argillite. Some impure dolomite beds near top. Mud cracks are characteristic. Ripple marks, small-scale cross bedding, and mud-crack and ovoid structures in some layers. Only lower part of Wallace Formation exposed.
- pCsg St. Regis Formation Thick-bedded impure to pure quartzite at base, grades upward to interbedded and interstratified impure quartzite and argillite that comprises bulk of formation. Characteristically thin bedded and many layers laminated. Predominantly grayish red and pale red of grayish cast; argillite is darker. Some carbonate-bearing beds, mostly in upper part. Ripple marks, mud cracks, and mud-ship breccia in some layers. pCsg, uppermost part of formation; thinly laminated light greenish-gray argillite in part with a porphyrophanous appearance, mapped separately where possible. pCsb, local lenses of breccia.
- pCt Bevet Quartzite Thick-bedded, massive, nearly white quartzite containing interbedded impure and nearly pure quartzite in upper and lower parts, and a few widely spaced argillite partings. Crossbedded and laminated in part.
- pCb Burke Formation Light to greenish-gray (fine-grained) impure quartzite with lesser amounts of nearly white to light-gray nearly pure to pure quartzite. Contains a few layers of foliated quartzite. Bed predominantly 1 to 4 in. thick. Ripple marks and pseudoconglomerate are common.
- pCpu Prichard Formation Light-gray to nearly white pure to impure quartzite interbedded with laminated argillite. Quartzite beds are from 1 to 18 in. thick. Ripple marks, mud cracks, and graded bedding are common. Only upper part of Prichard Formation (pCpu) exposed.

PRECAMBRIAN

INDEX SHOWING SOURCES OF GEOLOGIC INFORMATION

- BB Ben Boyver
- ABG A. B. Griggs
- SWH S. W. Hobbs
- HCR H. C. Rainey
- REW R. E. Wallace

Unmodified, advance base maps by U.S. Geological Survey, 1939. Subject to correction.

EXPLANATION

Contact
Dashed where approximately located; short dashed where indefinite, transitional, or obscure

Fault
Showing dip. Dashed where approximately located; dotted where concealed. U, upthrown side; D, down-thrown side

Vertical fault approximately located

Doubtful or probable fault
Dotted where concealed

Fault projected from underground workings

Fault zone
Includes one or more planes of major movement and much crushed and highly foliated rock. Dashed where approximately located; dotted where concealed

Anticline
Showing crest line of fold and direction of plunge of axis. Dashed where approximately located

Overturned anticline
Showing crest line of fold and direction of dip of limbs. Dashed where approximately located

Syncline
Showing trough line of fold. Dashed where approximately located

Strike and dip of beds

Strike and dip of overturned beds

Strike of vertical beds

Horizontal beds

Strike and dip of cleavage

Strike of vertical cleavage

Strike and dip of joint

Strike of vertical joint

Veins at the surface
Showing dip. Solid where exposed; broken where approximately located. a, veins known to contain base metals; b, veins known to contain base metals; c, veins not known to contain base metals

Veins projected from underground workings
Showing dip. Shown as if veins were continuous to surface, though not necessarily known to crop out. a, veins known to contain base metals; b, veins not known to contain base metals

Underground veins, shown on mine map and sections
Showing dip. Dashed where approximately located

Prospect pit or obscure working

Portal of adit

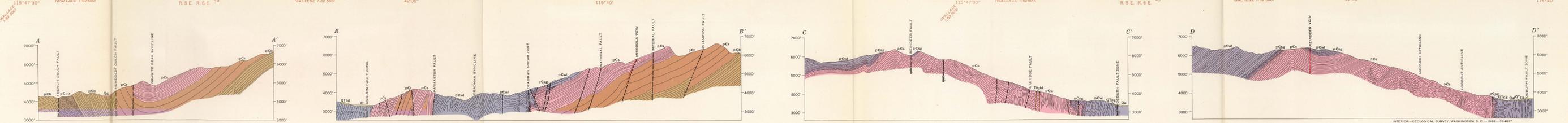
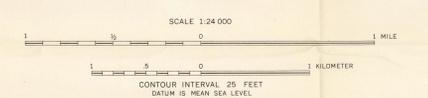
Shaft

Inclined workings

Chertous point down

Underground workings
Showing altitude, in feet, of portal or level

- #### LIST OF MINES AND PROSPECTS IDENTIFIED ON MAP BY NUMBER
- 1 Om Paul No. 2
 - 2 Om Paul No. 1
 - 3 Homestead Silver Lead
 - 4 Mammoth
 - 5 West Mammoth
 - 6 Imperial
 - 7 Alcides
 - 8 Sissors
 - 9 Coeur d'Alene Champion
 - 10 Copper King (upper adit)
 - 11 Half Moon
 - 12 Cincinnati
 - 13 Copper Plate
 - 14 Pilot
 - 15 Copper King (lower adit)
 - 16 National
 - 17 Missoula shaft
 - 18 Missoula adit
 - 19 Lucky Cabernet No. 1
 - 20 Lucky Cabernet No. 2
 - 21 Snowshoe No. 1
 - 22 Yulanda
 - 23 American Commander No. 1
 - 24 Silver Bee
 - 25 Gold Hunter No. 5
 - 26 Alma
 - 27 Lottie L.
 - 28 Homestead
 - 29 Butte & Coeur d'Alene
 - 30 Lucky Boy No. 1
 - 31 Lucky Boy No. 2
 - 32 Lucky Boy No. 3
 - 33 Snowstorm No. 4
 - 34 Snowstorm No. 1
 - 35 Snowstorm No. 2
 - 36 Snowstorm No. 3
 - 37 Pandora
 - 38 Lucky Friday
 - 39 Gold Hunter No. 6
 - 40 Hunter Creek
 - 41 Hunter Creek
 - 42 Coughlin
 - 43 Idaho Silver
 - 44 Beacon Light
 - 45 Upper Giant
 - 46 Lower Giant
 - 47 Carbonate Hill
 - 48 Carver No. 3
 - 49 Carver No. 2
 - 50 Carver No. 1
 - 51 Reindeer Queen
 - 52 No name
 - 53 Copper Queen



GEOLOGIC MAP, SECTIONS, AND GEOLOGY OF SELECTED UNDERGROUND WORKINGS OF POTTSVILLE AREA, SHOSHONE COUNTY, IDAHO