DEPARTMENT OF THE INTERIOR
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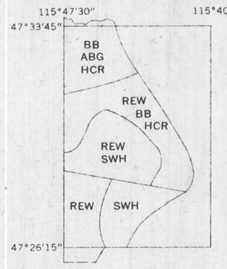
Garland B. Gott and Theodore M. Billings

EXPLANATION

Recent	Qal — Alluvial deposits	QUATERNARY
Pleistocene	Qg — Glacial and glaciofluvial deposits	QUATERNARY
	QTog — Channel and terrace gravels. *Older than alluvial deposits*	TERTIARY AND QUATERNARY
	TKld — Lamprophyre dikes. *Solid where exposed; dashed where approximately located*	CRETACEOUS(?) OR TERTIARY(?)
	TKdd — Diabase and diorite dikes. *Solid where exposed; dashed where approximately located*	CRETACEOUS(?) OR TERTIARY(?)
Belt Series	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 molar-tooth and ovoid structures in some layers. Only lower part of Wallace Formation exposed*	PRECAMBRIAN
	pCsg, pCsb, pCs — St. Regis Formation. *Thick-bedded impure to pure quartzite at base, grades upward to interbedded and interlaminated impure quartzite and argillite that comprises bulk of formation. Characteristically thin bedded and many layers laminated. Predominantly purplish red and pale red of grayish cast; argillite is darker. Some carbonate-bearing beds, mostly in upper part. Ripple marks, mud cracks, and mud-chip breccia in some layers.* pCsg, *uppermost part of formation; thinly laminated light greenish-gray argillite in part with a porcellaneous appearance, mapped separately where possible.* pCsb, *local lenses of breccia*	PRECAMBRIAN
	pCr — Revett Quartzite. *Thick-bedded vitreous 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*	PRECAMBRIAN
	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 pale-red quartzite. Beds predominantly 2 to 8 in. thick. Ripple marks and pseudoconglomerate are common*	PRECAMBRIAN
	pCpu — Prichard Formation. *Light-gray to nearly white pure to impure quartzite interbedded with laminated argillite. Quartzite beds are from 2 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 Bowyer
ABG	A. B. Griggs
SWH	S. W. Hobbs
HCR	H. C. Rainey
REW	R. E. Wallace

Contact. *Dashed where approximately located; short dashed where indefinite, gradational, or obscure*

Fault. *Showing dip. Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown 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 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. *Chevrons point down*

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

LIST OF MINES AND PROSPECTS IDENTIFIED ON MAP BY NUMBER

1 Oom Paul No. 2
2 Oom Paul No. 1
3 Homestake Silver Lead
4 Mammoth
5 West Mammoth
6 Imperial
7 Alcides
8 Sonora
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 Calumet No. 1
20 Lucky Calumet No. 2
21 Snowshoe No. 1
22 Yolande
23 American Commander No. 1
24 Silver Reef
25 Gold Hunter No. 5
26 Alma
27 Lottie L.
28 Homestake
29 Butte & Coeur d'Alene
30 Lucky Boy No. 1
31 Lucky Boy No. 2
32 Snowshoe No. 2
33 Snowstorm No. 4
34 Snowstorm No. 3
35 Snowstorm No. 2
36 Snowstorm No. 1
37 Pandora
38 Gold Hunter No. 6
39 Lucky Friday
40 Atlas tunnel
41 Hunter Creek
42 Vindicator
43 Coughlin
44 Idaho Silver
45 Beacon Light
46 Upper Giant
47 Lower Giant
48 Carbonate Hill
49 Carney No. 3
50 Carney No. 2
51 Carney No. 1
52 Reindeer Queen
53 No name
54 Copper Queen

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

Geologic map from: S. W. Hobbs, A. B. Griggs, R. E. Wallace, and A. B. Campbell, 1965, Geology of the Coeur d'Alene district, Shoshone County, Idaho: U.S. Geol. Survey Prof. Paper 478, pl. 5.

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SCALE 1:24 000

1 0 1 MILE

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 25 FEET
DATUM IS MEAN SEA LEVEL

This report is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.

GEOLOGIC MAP SHOWING SAMPLE LOCALITIES IN THE POTTSVILLE AREA, COEUR D'ALENE DISTRICT, SHOSHONE COUNTY, IDAHO

Localities 133-181, 209-218, and 309-318