

EXPLANATION

Qal

Alluvial Deposits

Ot

Terrace Gravels

Undifferentiated gravels older than Qal, commonly forming terraces.

ml

Lamprophyre Dikes

Solid lines where exposed; dashed where approximately located.

md

Metadiorite Dikes

Solid lines where exposed; dashed where approximately located.

pcw

Wallace Formation

Interbedded, fine-grained, light-gray quartzite and dark-gray to black argillite. Both types more or less calcareous. Bedding usually over 1 inch but seldom over 10 inches and is commonly crumpled on small scale. Mud-cracks common.

pcsr

St. Regis Formation

Thin-bedded (usually less than 1 foot), impure quartzite commonly containing iron oxide specks, and some argillite. Light to dark purple coloration in most argillite and some quartzite members. Coloration may be destroyed in altered areas. Well developed shallow water features.

pcr

Revett Formation

Thick-bedded, vitreous, white quartzite. Cross-bedded and laminated in part. Grades into less pure quartzite at bottom and top. Few argillite partings.

pcb

Burke Formation

Thin-bedded, light to greenish-gray, fine-grained argillaceous quartzite interbedded with some sub-vitreous, buff or light purple, medium-bedded quartzite. Shallow water features are common.

pcp

Prichard Formation

Thin-bedded, laminated, dark-gray to black argillite which is interbedded near top with thin-to thick-bedded, argillaceous to pure quartzite. Shallow water features are common.

Altered Rock

Generally implies bleaching of rock with development of sericite or chlorite. Undifferentiated as to degree. No attempt has been made to show exact extent of altered areas.

Veins

Solid line where exposed; broken where approximately located; query where projected beyond observed occurrence.

Contact

Dashed where approximately located; dotted where concealed.

Indefinite Contact

Includes gradational and obscured contacts.

Fault Showing Dip

Dashed where approximately located; dotted where concealed; query where doubtful or probable. U = upthrown side, D = downthrown side.

Anticline

Showing trace of axial plane and bearing of plunge of axis; dashed where approximately located.

Syncline

Showing trace of axial plane and bearing of plunge of axis; dashed where approximately located.

Strike and Dip of Beds

Strike and Dip of Overturned Beds

Strike of Vertical Beds

Horizontal Beds

Prospect Pit

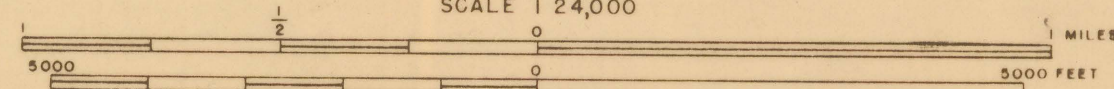
Portal of Adit

Aerial Photograph Principal Point and Number

Indicating centers and numbers of aerial photographs used in the compilation of the topographic map by multiplex methods.

GEOLOGIC MAP
OF THE
TWIN CRAGS QUADRANGLE, IDAHO
SHOSHONE, KOOTENAI AND BENEWAH COUNTIES

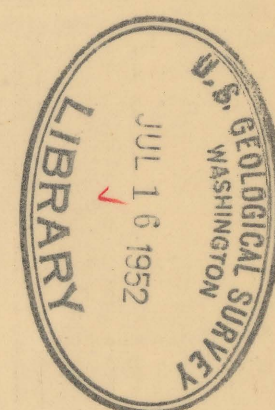
By Stanley E. Good and Arthur B. Campbell
SCALE 1:24,000



Contour interval 40 feet
DATUM IS MEAN SEA LEVEL
1952

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION 1952

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



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Idaho (Twin Crags quad). Geol. 1:24,000. 1952.

