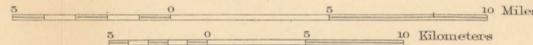


TOPOGRAPHIC AND GEOLOGIC MAP OF SHOSHONE COUNTY, IDAHO

Compiled by E. L. Jones, Jr., and J. B. Umpleby

Scale 250000



Contour interval 500 feet.

Datum is sea level.

1922

EXPLANATION SEDIMENTARY ROCKS

Asp

Striped Peak formation
(Indurated shale and sandstone and shaly quartzite, purple, red, and green)

Aw

Newland ("Wallace") formation
(Mainly calcareous shale, greenish and bluish gray, with interbedded impure siliceous and magnesian limestone and calcareous quartzite in middle part, Aw. In St. Joe-Clearwater region consists of bluish shale at top, Aw, underlain by thin-bedded sandstone, shale, and impure limestone, Aw, and green and gray shale and impure quartzite, the shale altered to schist south of St. Joe River, Awc. In upper St. Joe River basin consists of calcareous shale, Awd, above, and thin-bedded sandstone, green shale, and impure limestone below, Awc)

Asr

St. Regis formation
(Purple and green indurated shale and quartzite sandstone. In region around Bullion mapped chiefly with Revett and Burke formations, but upper part may be represented in Newland formation as there mapped)

Ar

Revett quartzite
(Mainly white thick-bedded quartzite, in part sericitic)

Ab

Burke formation
(Thin-bedded fine-grained greenish-gray sericitic quartzite or siliceous mudstone, with more or less interbedded white and purplish quartzite)

Ap

Prichard formation
(Chiefly gray-blue shale or slate, altered to schist and gneiss in Clearwater region, where it also contains considerable gray quartzite sandstone and a well-defined stratum of white quartzite, Aps)

IGNEOUS ROCKS

b

Basalt

ms

Monzonite and syenite
(In upper St. Joe River basin includes some granodiorite)

gd

Granodiorite
(Younger than diabase sills but relations to monzonite and syenite unknown)

mg

Monzonite and granodiorite
(Largely gneissoid)

an

Anorthosite

ds

Diabase sills

a

Amphibolite

Belt series

ALGONKIAN

STRUCTURE SYMBOLS

Fault

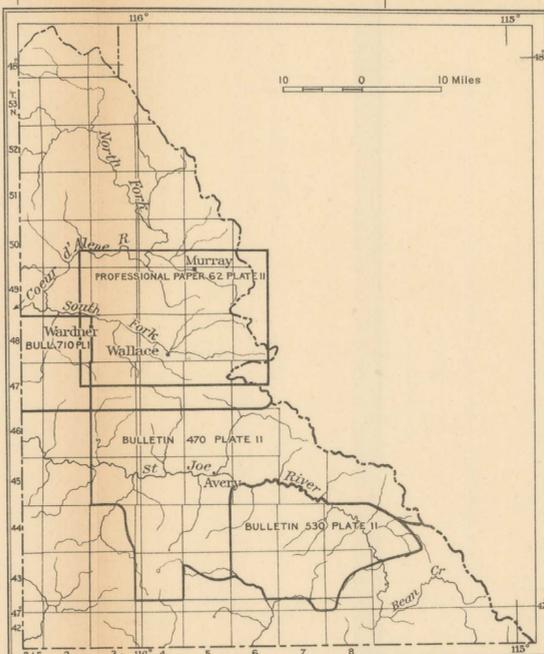
—downthrow

Probable fault

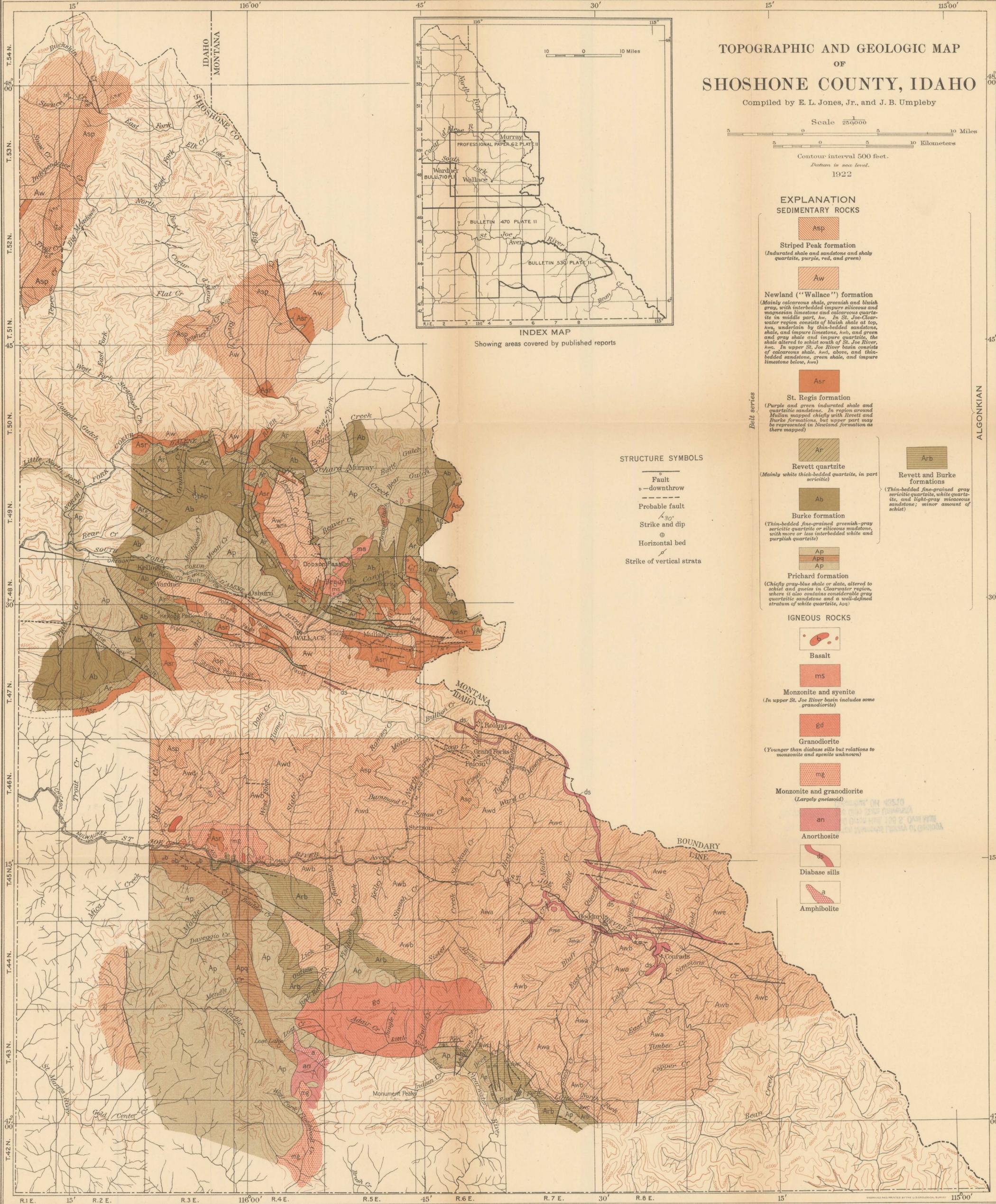
Strike and dip

Horizontal bed

Strike of vertical strata



Showing areas covered by published reports



Base from various U. S. Geological Survey publications, township plats, and notes by the authors

Geology compiled from U. S. Geological Survey Professional Paper 62, Bulletins 470, 530, and 710, various data in files of U. S. Geological Survey land classification board, and E. L. Jones, Jr., and J. B. Umpleby