GEOLOGIC MAP AND SECTIONS OF THE COEUR D'ALENE DISTRICT, IDAHO

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Triangulation by C. F. Urquhart.
Topography by Van. H. Manning.
Surveyed in 1900-1901.

Geology by Frank C. Calkins, assisted by W. A. Williams and D. F. MacDonald.
Surveyed in 1903-1904.

Scale 62500

1 ½ 0 1 2 3 4 miles

1 ½ 0 1 2 3 4 5 kilometers

Contour interval 50 feet.

Datum is mean sea level.

1907

LEGEND

SEDIMENTARY ROCKS

Qal — **Alluvium** — *Gravel, sand, and silt, deposited in valley bottoms and in some places covered by tailings from mills*

Qgl — **Glacial deposits** — *Angular bowlders and gravel left by glaciers; partly reworked by water*

QUATERNARY

Tg — **Terrace gravels** — *Gravels and sands generally decomposed, on benches up to 1200 feet above neighboring streams. Probably in part Quaternary.*

TERTIARY

Asp — **Striped Peak formation** — *Indurated shales and sandstones, and shaly quartzite, purple, red, and green, with shallow-water markings*

Aw — **Wallace formation** — *Mainly calcareous shales, greenish and bluish gray, with abundant interbedded impure siliceous and magnesian limestone, and calcareous quartzite in middle part. Left in thin belt*

Asr — **StRegis formation** — *Purple and green indurated shales and quartzite; sandstone, with shallow-water markings*

Ar — **Revett quartzite** — *Mainly white, thick-bedded quartzite in part vesicular*

Ab — **Burke formation** — *Thin-bedded, greenish-gray fine-grained arkitic quartzite or siliceous argillite, with some massive white-banded white and purplish quartzite. Shallow-water markings*

Ap — **Prichard slate** — *Mostly gray-blue banded slate. Many beds of gray quartzitic sandstone, especially abundant in upper part, which contains material like the Burke and is characterized by shallow-water markings*

ALGONKIAN

IGNEOUS ROCKS

m — **Monzonite and syenite** — *Irregular intrusive masses with a few dikes and sheets. Larger masses variable in texture and composition.*

dd — **Diabase dikes** — *Accompanying W.N.W. faults*

ld — **Kersantite and other lamprophyric dikes**

Known fault

Probable fault

Concealed fault

Downthrow side of fault

Upthrow side of fault

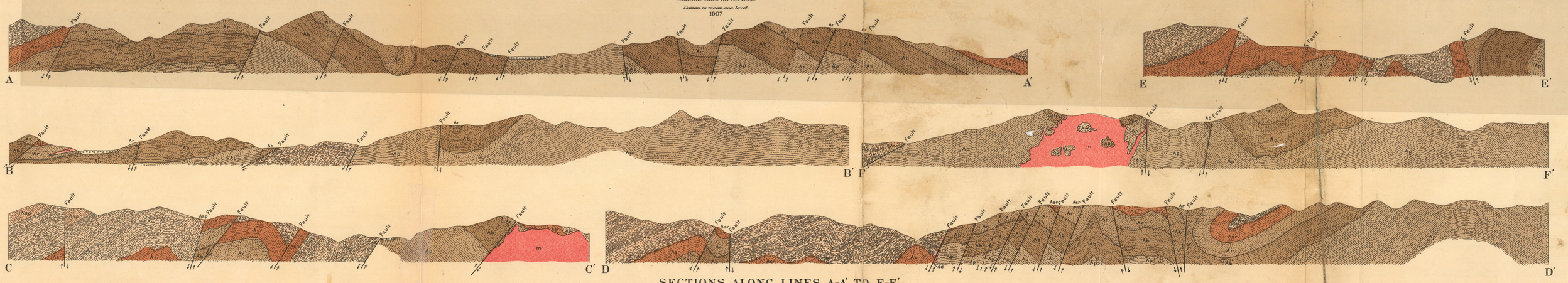
Strike and dip of beds

Strike and vertical dip of beds

Strike and dip of cleavage or schistosity

Strike and dip of overturned beds

x Prospect pit

Y Tunnel

SECTIONS ALONG LINES A-A′ TO F-F′