Canada
Department of Mines
HON. W. A. GORDON, MINISTER; CHARLES CAMSELL, DEPUTY MINISTER
BUREAU OF ECONOMIC GEOLOGY
GEOLOGICAL SURVEY
Issued 1935

LEGEND

CENOZOIC

MODERN

RECENT AND PLEISTOCENE

10 — *Recent alluvium and glacial deposits*

MESOZOIC

CRETACEOUS

LOWER CRETACEOUS

9 — *BLAIRMORE FORMATION: sandstone, shaly sandstone, quartzitic sandstone, conglomerate*

8 — *KOOTENAY FORMATION: sandstone, shaly sandstone, carbonaceous shale, coal*

JURASSIC

7 — *FERNIE FORMATION: shale with thin limestone beds, shale and shaly sandstone with calcareous beds, phosphate*

TRIASSIC

6 — *SPRAY RIVER FORMATION: quartzitic sandstone and shale, arenaceous limestone and dolomite*

PALÆOZOIC

CARBONIFEROUS

PENNSYLVANIAN

5 — *ROCKY MOUNTAIN FORMATION: arenaceous dolomite, quartzite with beds of arenaceous limestone and beds of chert, and phosphatic quartzite*

MISSISSIPPIAN AND (?) PENNSYLVANIAN

4 — *RUNDLE FORMATION: limestone*

MISSISSIPPIAN

3 — *BANFF FORMATION: shale, limestone, argillaceous limestone (does not outcrop on map area)*

DEVONIAN

2 — *MINNEWANKA FORMATION: limestone, dolomite*

DEVONIAN (?)

1 — *GHOST RIVER FORMATION: arenaceous limestone, quartzite, dolomite*

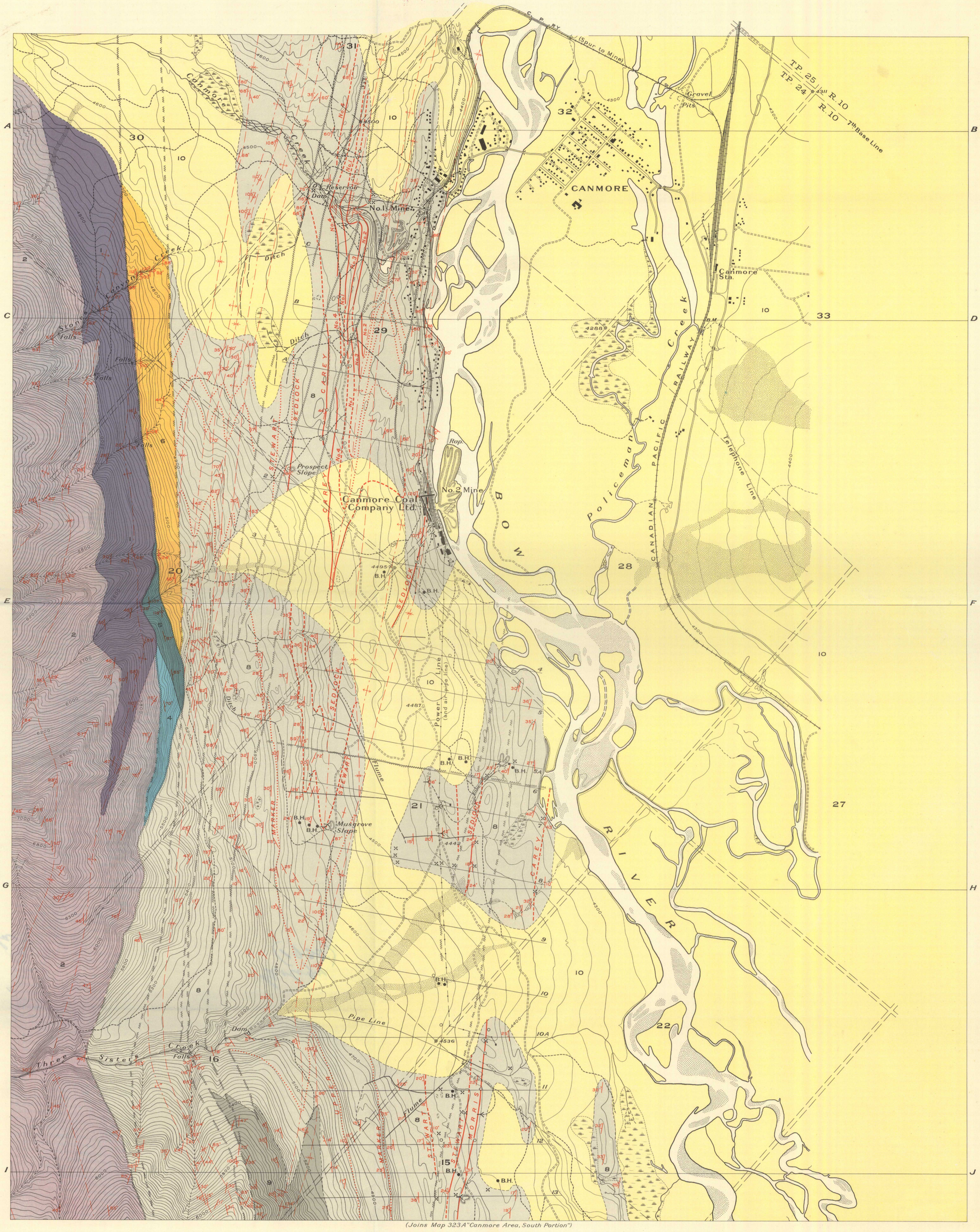
Symbols

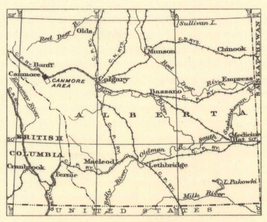
- *Geological boundary (defined, approximate, assumed)*
- *Bedding (horizontal, vertical, inclined, overturned)*
- *Anticlinal axis*
- *Synclinal axis*
- *Fault (defined, approximate, assumed)*
- *Coal seam (defined, approximate, assumed)*
- *Coal Company's section line* — 6
- *Coal prospect*
- *Mine adit*
- *Mine dump*
- *Glory hole*
- *Bore-hole* — B.H.
- *Shaft*

Geology by B. R. McKay, 1934.

SECTIONS

See Publication No. 2384, "Sections supplementing Map 322 A, Canmore Area (North Portion), Alberta." Lines of Sections (AB, CD, EF, GH, IJ) are shown extending across map area.




Banff
Canmore
Calgary
Exshaw
Canmore Area
Canmore
Cochrane
Morley
Gleichen
Brooks
Medicine Hat
Lethbridge
Macleod
Crowsnest
Cranbrook
Kootenay L.
Sullivan L.
Golden
Revelstoke
Kamloops
Nicola
Princeton
Hedley
Penticton
Vernon
Okanagan L.
Kelowna
Salmon Arm
Shuswap L.
Kamloops L.
Nicola L.
Okanagan L.
Kootenay L.
Columbia R.
Bow R.
Red Deer R.
Saskatchewan R.
Milk River
Elbow R.
Bow R.
Kootenay R.
Similkameen R.
Okanagan R.
Thompson R.
Fraser R.
Nicola R.
Kootenay R.
Columbia R.
Kootenay L.
Okanagan L.
Shuswap L.
Kamloops L.
Nicola L.
Sullivan L.
Pend Oreille L.
Okanagan L.
Kootenay L.
Columbia R.
Kootenay R.
Okanagan R.
Thompson R.
Fraser R.
Nicola R.
Similkameen