

CANADA  
DEPARTMENT OF MINES AND RESOURCES

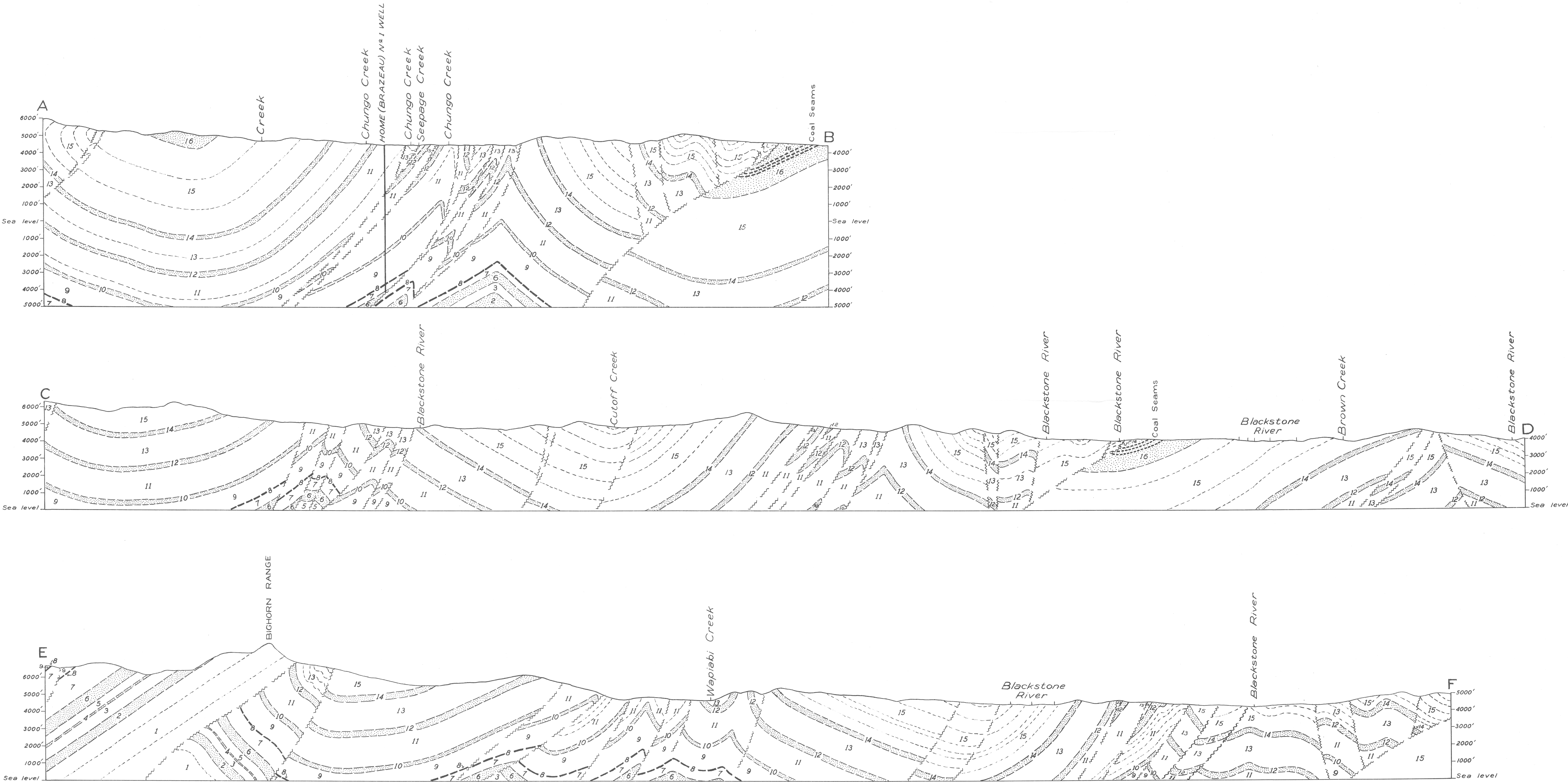
MINES AND GEOLOGY BRANCH

BUREAU OF GEOLOGY AND TOPOGRAPHY

LEGEND

- CRETACEOUS**
- UPPER CRETACEOUS**
- 16 EDMONTON FORMATION (P): sandstone, shale, conglomerate, volcanic ash, coal seams. May include some Paskapoo beds
- 15 BRAZEAU FORMATION: sandstone, shale, volcanic ash, a few thin coal seams
- WAPIABI FORMATION
- 14 Black marine shale, sandstone, ironstone, chert pebble-conglomerate
- 13 Black marine shale, sandy shale, ironstone
- 12 BIGHORN FORMATION: quartzitic sandstone, black marine shale
- 11 BLACKSTONE FORMATION: chiefly black marine shale, grey quartzitic sandstone, sandy shale
- LOWER CRETACEOUS**
- 10 MOUNTAIN PARK FORMATION: olive green and brown weathering grey sandy shale and sandstone
- LUSCAR FORMATION
- 9 Black and grey carbonaceous shale, grey sandstone, coal seams
- 8 Cadomin Member: chert and quartzite pebble-conglomerate
- 7 NIKANASSIN (KOOTENAY) FORMATION: alternating black shale and grey sandstone, a few thin coal seams
- JURASSIC**
- 6 FERNIE FORMATION: alternating sandstone and sandy shale, ferruginous limestone, black fissile shale, phosphatic limestone
- TRIASSIC**
- 5 SPRAY RIVER FORMATION: thin-bedded, fine-grained arenaceous shale and quartzite; buff and red-weathering limestone
- CARBONIFEROUS**
- PENNSYLVANIAN**
- 4 ROCKY MOUNTAIN FORMATION: quartzite, chert
- MISSISSIPPIAN AND PENNSYLVANIAN**
- 3 RUNDLE FORMATION: granular, rubbly and porous limestone; chert
- 2 BANFF FORMATION: calcareous and arenaceous shale, shaly and cherty limestone
- DEVONIAN**
- 1 Hard, blue-grey limestone, grey, calcareous shale

Geology by B. R. Mackay, 1938, 1939



STRUCTURE SECTIONS ALONG LINES A-B, C-D, AND E-F.

TO ACCOMPANY PRELIMINARY MAP 40-13

WAPIABI CREEK

ALBERTA

Horizontal and vertical scale; 1 inch to 1/2 mile.