

LEGEND

- CRETACEOUS

UPPER CRETACEOUS

15

BRAZEAU FORMATION: sandstone, shale, volcanic ash, a few thin coal seams
- 14

WAPIABI FORMATION ( Upper Part, transitional into Brazeau ): black marine shale, sandstone, ironstone, chert pebble-conglomerate
- 13

WAPIABI FORMATION ( Lower Part ): black marine shale, sandy shale, ironstone
- 12

BIGHORN FORMATION: quartzitic sandstone, black marine shale, conglomerate
- 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
- 9

LUSCAR FORMATION: black and grey carbonaceous shale, grey sandstone; coal seams
- 8

CADOMIN FORMATION: chert and quartzite pebble-conglomerate.
- 7

NIKANASSIN 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

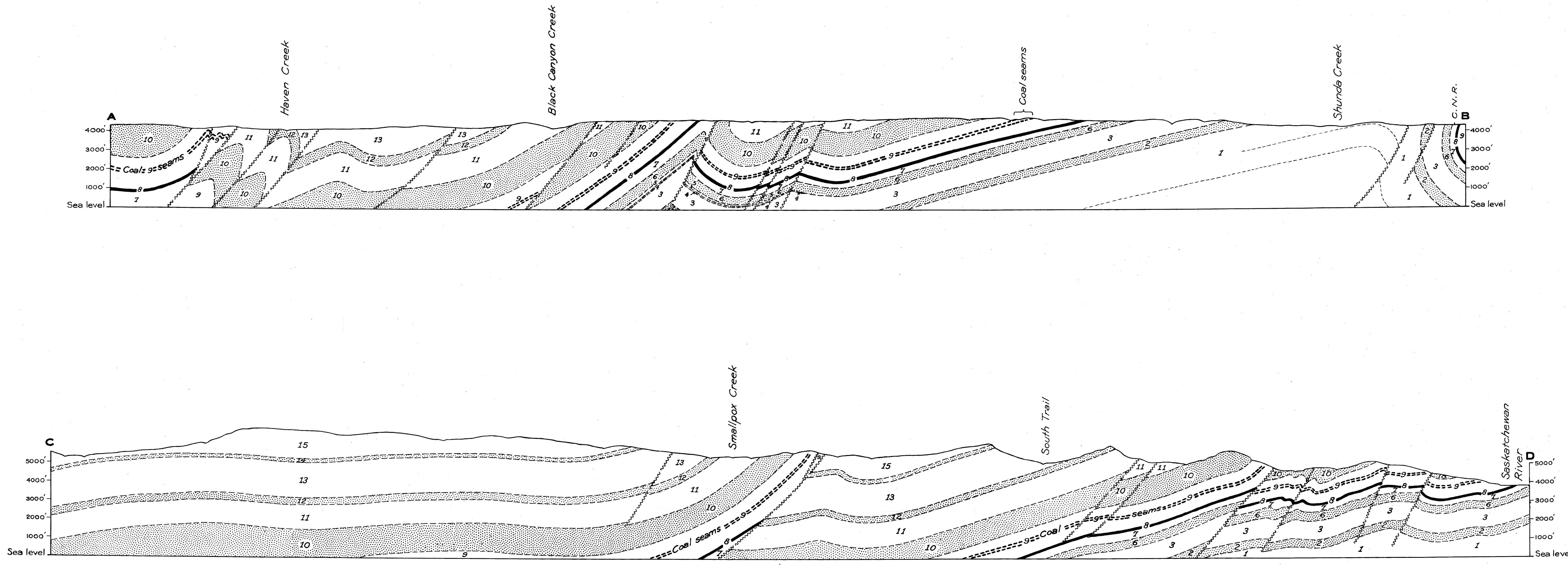
3

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



STRUCTURE SECTIONS ALONG LINES A B AND C D

Horizontal and Vertical Scale:- 2 inches to 1 mile

TO ACCOMPANY PRELIMINARY GEOLOGICAL MAP 41-4  
BRAZEAU, ALBERTA

Geology by B. R. MacKay, 1940

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