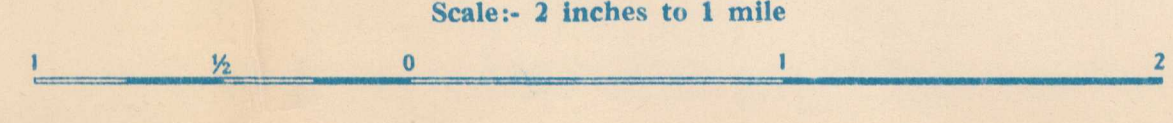


LEGEND

- CRETACEOUS**
- UPPER CRETACEOUS**
- 12 BRAZEAU FORMATION: sandstone, shale, conglomerate, a few thin coal seams; volcanic ash beds
- 1 WAPIABI FORMATION: dark marine shale and sandy shale, ferruginous limestone concretions. Upper beds transitional into Brazeau
- 10 BIGHORN FORMATION: siliceous sandstone, sandy shale and dark marine shale; conglomerate
- 9 BLACKSTONE FORMATION: chiefly black marine shale, sandy shale, ferruginous limestone concretions
- LOWER CRETACEOUS**
- 8 LUSCAR AND MOUNTAIN PARK FORMATIONS: grey and green sandstone and sandy shale, black and grey carbonaceous shale, conglomerate; coal seams in Luscar
- 7 CADOMIN FORMATION: chiefly chert and quartzite pebbles; conglomerate
- JURASSIC AND CRETACEOUS**
- 6 FERNIE GROUP (Jurassic): mainly black marine shale and sandy shale; NIKANASSIN FORMATION (Lower Cretaceous): buff, crossbedded sandstone, dark, siliceous, carbonaceous sandstone; sandy shale; coal seams
- TRIASSIC**
- 5 SPRAY RIVER FORMATION: brown, platy sandstone, minor interbedded limestone and dolomite
- CARBONIFEROUS**
- MISSISSIPPIAN**
- 4 RUNDLE FORMATION: grey and brown, massive and bedded, porous and dense limestone and dolomite; chert bands near top
- 3 BANFF FORMATION: dark grey shaly limestone; chert bands and platy, brown-weathering shaly limestone in lower part
- DEVONIAN**
- UPPER DEVONIAN**
- 2 Brown, saccharoidal dolomite; brown and grey, porous and vuggy, crystalline limestone and dolomite; yellow-green sandstone; several feet of black, fissile shale (Exshaw formation?) at top
- CAMBRIAN**
- UPPER CAMBRIAN**
- 1 Dense, bedded, yellow and buff, calcareous dolomite and dolomite; grey, massive, oolitic and trilobite-bearing limestone, with interbedded green, fissile shale; limestone-pebble conglomerate; glauconitic limestone
- Rock outcrop (bedding not determinable) X
- Bedding (horizontal, inclined, vertical, overturned) + / \ \ /
- Fault ~~~~~
- Anticlinal axis + + + + +
- Synclinal axis - - - - -
- Coal outcrop (seam 1 foot or more in thickness) \* \* \* \* \*
- Fossil locality @
- Geology by O. A. Erdman, 1945
- Trail - - - - -
- Township boundary, unsurveyed - - - - -



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Tp. 36

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