

GEOLOGICAL SURVEY

LEGEND

MESOZOIC

CRETACEOUS

UPPER CRETACEOUS

EDMONTON FORMATION (?): sandstone, shale, conglomerate, volcanic ash, coal seams. May include some Paskapoo beds

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

WAPIABI FORMATION

Black marine shale, sandstone, ironstone, chert pebble-conglomerate

Black marine shale, sandy shale, ironstone

BIGHORN FORMATION: quartzitic sandstone, black marine shale

BLACKSTONE FORMATION: chiefly black marine shale, grey quartzitic sandstone, sandy shale

LOWER CRETACEOUS

MOUNTAIN PARK FORMATION: olive green and brown weathering grey sandy shale and sandstone

LUSCAR FORMATION

Black and grey carbonaceous shale, grey sandstone, coal seams

Cadomin Member: chert and quartzite pebble-conglomerate

NIKANASSIN (ROOTENAY) FORMATION: alternating black shale and grey sandstone, a few thin coal seams

JURASSIC

FERNIE FORMATION: alternating sandstone and sandy shale, ferruginous limestone, black fissile shale, phosphatic limestone

TRIASSIC

SPRAY RIVER FORMATION: thin-bedded, fine-grained arenaceous shale and quartzite, buff and red-weathering limestone

PALAEOZOIC

CARBONIFEROUS

PENNSYLVANIAN

ROCKY MOUNTAIN FORMATION: quartzite, chert

MISSISSIPPIAN AND PENNSYLVANIAN

RUNDLE FORMATION: granular, rubbly and porous limestone, chertBANFF FORMATION: calcareous and arenaceous shale, shaly and cherty limestone

DEVONIAN

Hard, blue-grey limestone, grey, calcareous shale

bedding (inclined, overturned)

Fault

Anticlinal axis

Synclinal axis

Coal seam

Township boundary, unsurveyed

Road, not well travelled

Trail

Surveys and topography by the Topographical Survey

Bureau of Geology and Topography 1938, 1939

Drawn by the Topographical Survey

Geology by B. R. Mackay, 1938, 1939

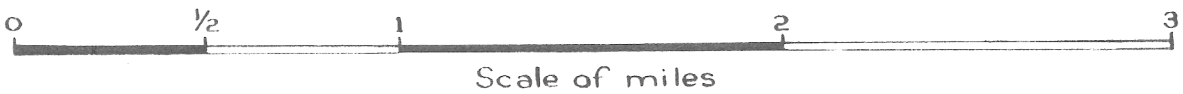


PRELIMINARY MAP 40-13

WAPIABI CREEK

WEST OF FIFTH MERIDIAN
ALBERTA

1940



Approximate magnetic declination 25° East