

LEGEND

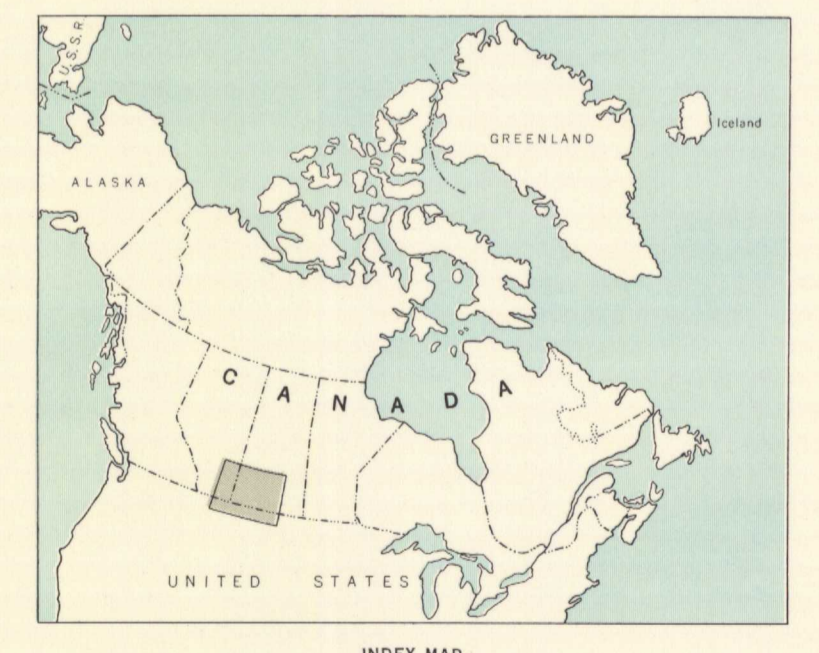
- TERTIARY**
- MIOCENE**
- M** WOOD MOUNTAIN FORMATION: gravel, some sand, mostly unconsolidated
MA, probably chiefly gravels
- OLIGOCENE AND EOCENE**
- OE** CYPRESS HILLS FORMATION: conglomerate, sandstone
OEa, EOCENE SWIFT CURRENT CREEK FORMATION
- PALEOCENE**
- Pa** RAVENSCRAG FORMATION: sand, silt, clay, lignite
PaA, includes Upper Cretaceous beds
- CRETACEOUS**
- UPPER CRETACEOUS**
- Ku8** FRENCHMAN FORMATION: mainly sandstone
BATTLE FORMATION: bentonite, shale, silt
WHITEMUD FORMATION: sandstone, clay, silt, lignite
EASTEND FORMATION: silt, sand, shale, lignite
 - Ku6** BEARPAW FORMATION: shale, sand, sandstone (in part glauconitic); chert pebbles; concretionary beds; bentonite; volcanic ash
 - Ku5** BELLY RIVER GROUP (Ku4, Ku5) OLDMAN FORMATION: sandstone, sand, bentonitic sand, shale, carbonaceous shale, ironstone nodules, coal
Ku5a, includes part of FOREMOST FORMATION
 - Ku4** FOREMOST FORMATION: sandstone, shale, coal
 - Ku3** LEA PARK FORMATION: shale, sand, sandy shale, bentonite
 - Ku2** PAKOWKI FORMATION: shale, sandy shale
 - Ku1** MILK RIVER FORMATION: sandstone, sandy shale, coal
- EDMONTON FORMATION:** bentonitic sandstone and shale, carbonaceous shale, conglomerate, bentonite, coal. Equivalent to Whitemud and some higher Cretaceous formations
- RIDING MOUNTAIN FORMATION:** shale, siliceous shale (ODANAH MEMBER), clay-ironstone concretions. Grades westward into shales equivalent to Bearpaw and older formations

- Geological boundary (defined or approximate) - - - - -
- Oil and/or gas field - - - - -
- Coal mine - - - - -
- Industrial mineral operation - - - - -

Geology compiled in 1961 from published maps of the Geological Survey of Canada and the Saskatchewan Department of Mineral Resources and from information kindly supplied by Imperial Oil Limited

Base-map from Map 2217 "South Saskatchewan River" by the Surveys and Mapping Branch, 1952, with minor revisions, 1963

- PRINCIPAL COAL MINES, OIL AND GAS FIELDS, AND INDUSTRIAL MINERAL OPERATIONS
- Hamilton Lake Oil
 - Provoat Gas and oil
 - Shreemess Coal
 - Youngstown Oil
 - Sedalia Gas
 - North Hoosier Gas
 - Coleville-Smiley Oil and gas
 - Doddand Oil and gas
 - Brook Gas
 - Whiteside Oil and gas
 - Milton Gas
 - Oyen Gas
 - Sibbald Gas
 - Cassford Gas and oil
 - Bayhurst Gas
 - Brindos Gas
 - Allee-Buffalo Gas
 - Princess Gas and oil
 - Brooks Northeast Gas
 - Brooks Gas
 - Bantry Oil and gas
 - Leon Lake Oil
 - Batrum Oil
 - Chaplin Sodium sulphate
 - Success Oil and gas
 - Fosterlon Oil
 - Canbur Oil and gas
 - Java Oil
 - Verlo Oil
 - Delta Oil
 - North Premier Oil
 - Bres Gas
 - Gull Lake Oil and gas
 - Hutton Oil
 - Medicine Hat Gas
 - Suffield Gas
 - Bow Island Gas
 - Conrad Oil
 - Foremost Gas
 - Etzikom Gas
 - Smith Coulee Gas
 - Pendant O'Neill Gas
 - Pakowki Lake Gas
 - Mansberies Gas
 - Black Butte Gas
 - Correy Gas
 - Bone Creek Oil
 - Instow Oil
 - Leon Lake Oil
 - Eastend Coal (closed)
 - Dollard Oil
 - Eastend Oil
 - Rapadan Oil
 - Ormsdon Sodium sulphate
 - Gladmar Sodium sulphate



1165A HAY RIVER	1165B CLEARWATER RIVER	74 COCHRANE RIVER	84
1165C ATHABASCA RIVER	1165D NORTH SASKATCHEWAN RIVER	73 1165A CARRIOT RIVER	83
1165E KOOTENAY RIVER	1165F SOUTH SASKATCHEWAN RIVER	72 1166A ASSINIBOINE RIVER	82

INDEX TO ADJACENT SHEETS

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MAP 1165A
GEOLOGY
SOUTH SASKATCHEWAN RIVER
SASKATCHEWAN-ALBERTA

