

LEGEND

NORTHWESTERN ALBERTA

- TERTIARY AND CRETACEOUS
PALEOCENE AND UPPER CRETACEOUS
TKp PASAPOPO FORMATION
CRETACEOUS
UPPER CRETACEOUS
Kwt VARTI FORMATION
Kpw PUKWASKAU FORMATION
Ksh SHATESBURY FORMATION
Kd DUNELGAN FORMATION
LOWER CRETACEOUS
Kk LOON RIVER FORMATION

NORTH CENTRAL ALBERTA

- CRETACEOUS
UPPER CRETACEOUS
Kwt VARTI FORMATION
Ks SMOXY GROUP
Kd DUNELGAN FORMATION
UPPER AND LOWER CRETACEOUS
Ksh SHATESBURY FORMATION
LOWER CRETACEOUS
Kl LOON RIVER FORMATION
Kb BASAL CRETACEOUS

NORTHEASTERN ALBERTA

- CRETACEOUS
UPPER AND LOWER CRETACEOUS
Kb BARRE FORMATION
LOWER CRETACEOUS
Kpl PELKAN FORMATION
Kj JOLI FOY FORMATION
Kac ALBERT CREEK TONGUE, GRAND RAPIDS FORMATION
Kq URAND RAPIDS FORMATION
Kc CLEARWATER FORMATION
Km MURRAY FORMATION

SOUTHWESTERN ALBERTA

- TERTIARY
Tc CYWESS HILLS FORMATION
Tertiary and Cretaceous
TKw WILLOW CREEK FORMATION
CRETACEOUS
UPPER CRETACEOUS
Ksm S. MARY RIVER FORMATION
Kbo BLOOD RESERVE FORMATION
Kbp BIRAPAW FORMATION
Kk OILMAN FORMATION
Kfm FORMOSA FORMATION
Kka PAKOVI FORMATION
Kmr MILK RIVER FORMATION
Ka ALBERTA GROUP

SOUTHEASTERN ALBERTA

- TERTIARY
Tc CYWESS HILLS FORMATION
Tertiary and Cretaceous
TKr RAVENSCRAIG FORMATION
CRETACEOUS
UPPER CRETACEOUS
Kwt VARTI FORMATION
Kf FASTEND FORMATION
Kbp BIRAPAW FORMATION
Kk OILMAN FORMATION
Kfm FORMOSA FORMATION
Kka PAKOVI FORMATION
Kmr MILK RIVER FORMATION
Ka ALBERTA GROUP

CENTRAL AND EASTERN ALBERTA

- TERTIARY
Th HAND HILLS FORMATION
Tertiary and Cretaceous
TKp PASAPOPO FORMATION
CRETACEOUS
UPPER CRETACEOUS
Kwt VARTI FORMATION
Khc HORSESHOE CANYON FORMATION
Kbp BIRAPAW FORMATION
Kbr BELLY RIVER FORMATION
Klp LIA PARK FORMATION

NORTHERN ALBERTA

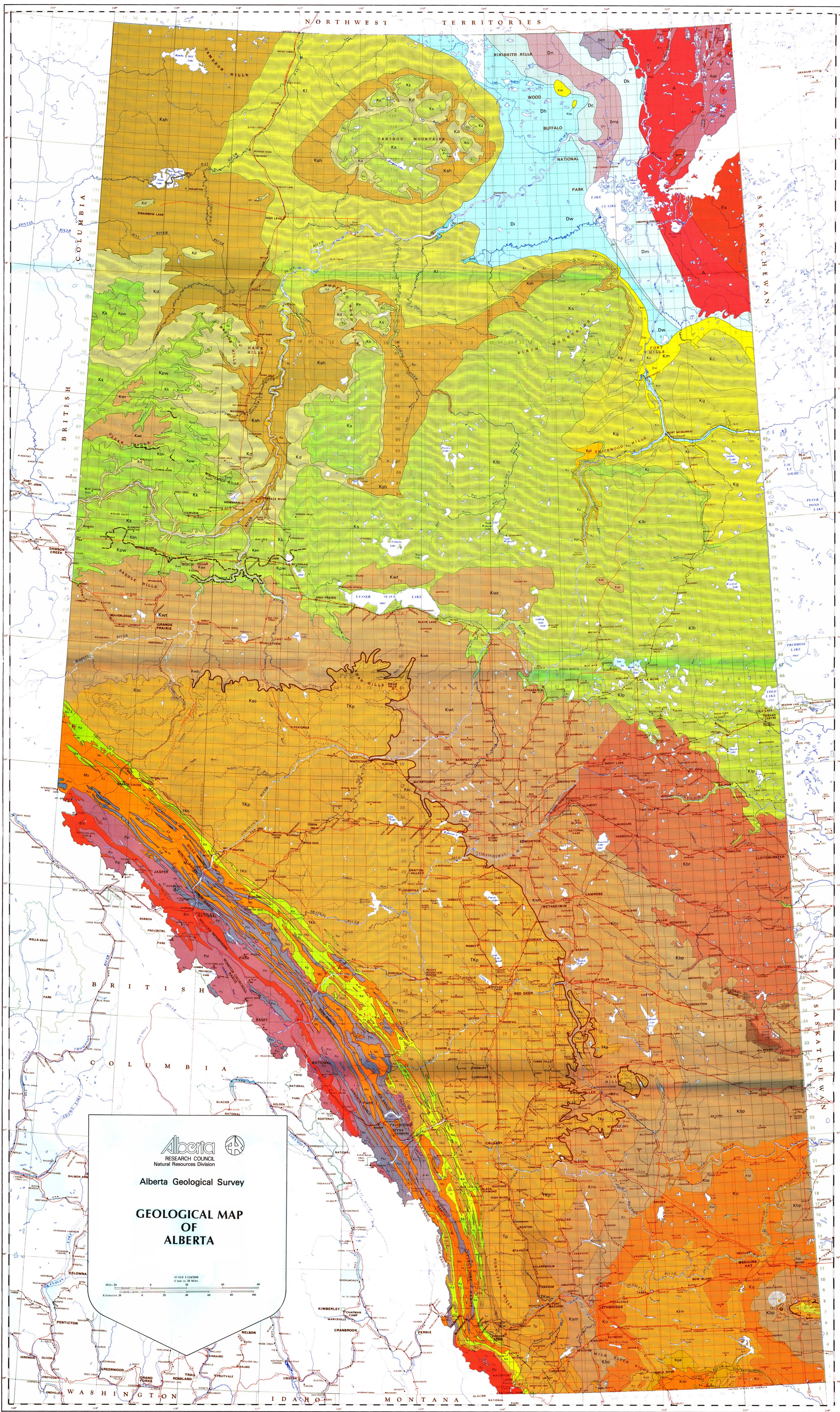
- DEVONIAN
UPPER DEVONIAN
Dg GROSSMONT FORMATION
Dmk MUKWA FORMATION
Dl IRETON FORMATION
Dw WATERWAYS FORMATION
Dc CARIBOU MEMBER, SLAVE POINT FORMATION
MIDDLE DEVONIAN
Dn NAWINGO FORMATION
Dm MIDDLE DEVONIAN
PROTEROZOIC
Ea ATHABASCA FORMATION
ARCHEAN
Am METASEDIMENTARY ROCKS
Agg GRANITE GNEISS
Ag GRANITE
Ap PORPHYRYLIC GRANITE

NORTHERN ALBERTA

- DEVONIAN
UPPER DEVONIAN
Dh HAY RIVER FORMATION
Dc CARIBOU MEMBER, SLAVE POINT FORMATION
MIDDLE DEVONIAN
Dv LORE VERMILION MEMBER, SLAVE POINT FORMATION
Dmg MUSKOG FORMATION
Dk KEO RIVER FORMATION
Dsh CHINCHALUA FORMATION
DI FITZGERALD FORMATION
ARCHEAN
A UNDIVIDED GRANITE PLUTONS

ROCKY MOUNTAINS AND FOOTHILLS

- TERTIARY AND CRETACEOUS
TKb BRACKLE FORMATION
CRETACEOUS
Kb ALBERTA GROUP
MESOZOIC
Mz LOWER CRETACEOUS, JURASSIC AND TRIASSIC
PALEOZOIC
UPPER PALEOZOIC
Lp LOWER PALEOZOIC
PROTEROZOIC
Pm MITTE GROUP
Pd PURCELL GROUP



Alberta Geological Survey
Natural Resources Division
Alberta Geological Survey
Geological Map of Alberta
Scale 1:500,000
1 cm = 50 km

1. General: A single column legend would be inadequate to show stratigraphic relationships in the Plains. This legend has been developed to show the relationships between the various geological units in the province. The units are color-coded and the relationships are indicated by the legend. The units are color-coded and the relationships are indicated by the legend. The units are color-coded and the relationships are indicated by the legend.

2. Boundaries: All geological boundaries are shown on this map. Boundaries are shown on this map. Boundaries are shown on this map. Boundaries are shown on this map. Boundaries are shown on this map.

3. Sources of data: The data for this map were obtained from the Geological Survey of Canada and the Geological Survey of Alberta. The data for this map were obtained from the Geological Survey of Canada and the Geological Survey of Alberta.

4. Symbols: The symbols used on this map are defined in the legend. The symbols used on this map are defined in the legend. The symbols used on this map are defined in the legend.

5. Notes: The notes on this map provide additional information about the geological units and their relationships. The notes on this map provide additional information about the geological units and their relationships.