



SEDIMENTARY AND VOLCANIC ROCKS

PLEISTOCENE AND RECENT
 Q Alluvium, glacial drift; in Arctic Archipelago sand and gravel, may be Tertiary

OLIGOCENE
 O Sedimentary rocks: sandstone, conglomerate

PALEOCENE AND EOCENE
 E Sedimentary rocks: sandstone, shale; conglomerate; coal measures

TERTIARY
 Tv Mainly volcanic rocks: basalt, andesite. May include some Upper Cretaceous rocks
 Ts Mainly sedimentary rocks: sandstone, shale, conglomerate; coal measures. Many occurrences on Axel Heiberg and Ellesmere Islands not indicated

UPPER CRETACEOUS
 Ku Mainly sedimentary rocks: shale; sandstone; conglomerate; marine and non-marine; oil and natural gas, coal, bentonite

LOWER CRETACEOUS
 Kl Mainly sedimentary rocks: sandstone, shale, conglomerate; marine and non-marine; oil and natural gas, coal, tar sand. Includes some Triassic and Jurassic beds south of Peace River

CRETACEOUS (Undivided)
 K Sedimentary rocks

JURASSIC AND CRETACEOUS
 JK Undivided Jurassic and Lower Cretaceous in Rocky Mountains and Arctic Archipelago

JURASSIC
 J Sedimentary and volcanic rocks: argillite, greywacke, sandstone; limestone; andesite, volcanic breccia, tuff. Includes considerable Lower Cretaceous and some Triassic rocks. Oil in Alberta and Saskatchewan

TRIASSIC
 T Sedimentary and volcanic rocks: argillite, quartzite, limestone; andesite, volcanic breccia, tuff. Includes Jurassic rocks. May include some Paleozoic limestone in southwestern Yukon Territory. Natural gas at Fort St. John

MESOZOIC (Undivided)
 M Sedimentary and volcanic rocks: some coal measures. Includes some Paleozoic in Yukon Territory

MESOZOIC AND CENOZOIC
 7 Acid rocks: granodiorite, quartz monzonite, quartz diorite; granite, syenite
 6 Basic and ultrabasic rocks: gabbro, pyroxenite, peridotite

PALEOZOIC
 5 Acid, basic, and ultrabasic rocks: granite, and related rocks; peridotite, pyroxenite, gabbro; serpentine; asbestos deposits

CENOZOIC

PALEOZOIC

PRECAMBRIAN

INTRUSIVE ROCKS

PROTEROZOIC
 4 Acid rocks: granite; granodiorite, diorite; gneissic rocks in Yukon Territory
 3 Basic rocks: diabase sills and dykes

ARCHAEO AND/OR PROTEROZOIC
 2 Mainly acid rocks: granodiorite, granite, quartz diorite; granite gneiss. Includes much granitoid sedimentary and volcanic rock. Represents undivided Precambrian in lesser known parts of Canadian Shield
 1 Basic and ultrabasic rocks: mainly anorthosite and gabbro

CARBONIFEROUS AND PERMIAN
 C Sedimentary and volcanic rocks: argillite, cherty argillite; limestone; quartzite; andesite, volcanic breccia, tuff, sandstone, shale, conglomerate; in Arctic Archipelago Mississippian unknown

PENNSYLVANIAN
 Cp Mainly sedimentary rocks: sandstone, shale, conglomerate; some volcanic rocks; coal measures

MISSISSIPPIAN
 Cm Mainly sedimentary rocks: limestone; shale, sandstone, conglomerate; volcanic rocks; gypsum, anhydrite; oil and natural gas

DEVONIAN AND CARBONIFEROUS
 Dc Sedimentary rocks: limestone; dolomite, shale; gypsum, anhydrite; oil and natural gas. Includes some Cambrian and Triassic in Rocky Mountains

DEVONIAN
 D Sedimentary and volcanic rocks: shale, limestone, dolomite; conglomerate, sandstone; volcanic rocks; salt; oil and natural gas

SILURIAN
 S Mainly sedimentary rocks: sandstone, shale, limestone, dolomite; conglomerate; some volcanic rocks; gypsum, salt; oil and natural gas

ORDOVICIAN
 O Sedimentary rocks: limestone, dolomite, shale, argillite, sandstone, quartzite, grit; oil and natural gas

ORDOVICIAN AND SILURIAN
 OS Sedimentary rocks

CAMBRIAN
 C Sedimentary rocks: dolomite, limestone, shale, chert, quartzite; sandstone, conglomerate

PALEOZOIC (Undivided)
 P Mainly sedimentary rocks. May include some Mesozoic and Precambrian rocks in northern Cordillera and Precambrian rocks on Ellesmere Island

LATE PROTEROZOIC
 Eu Sedimentary and volcanic rocks: sandstone, quartzite, conglomerate, shale; iron formation, basalt. Includes younger rocks in Yukon Territory
 Eus Sedimentary and volcanic rocks and derived metamorphic rocks: argillite, quartzite, limestone; schist, gneiss, crystalline limestone; andesite, gneissite. May be in part Paleozoic

EARLY PROTEROZOIC
 Ei Sedimentary and volcanic rocks: shale, argillite, slate, chert; limestone, dolomite (algal structures); sandstone, quartzite, gneiss, greywacke, conglomerate; sedimentary and volcanic rock; tuff, volcanic breccia; iron formation

PROTEROZOIC (Undivided)
 P Sedimentary and volcanic rocks

ARCHAEO
 As Mainly sedimentary and derived metamorphic rocks: argillite, slate, arkose, quartzite, greywacke, conglomerate; sedimentary gneiss and schist; iron formation, Asg, Grenville

ARCHAEO (Undivided)
 A Sedimentary, volcanic, and metamorphic rocks