

GEOLOGY OF CANADA



LEGEND

GEOLOGICAL AGE

DESCRIPTION

- Tertiary**
 - Sedimentary and Volcanic
- Mesozoic**
 - Intrusives (Chiefly Granitic Rocks)
 - Cretaceous & Jurassic (Sedimentary & Volcanic)
 - Triassic (Sedimentary & Volcanic)
- Palaeozoic**
 - Intrusives (Mostly Devonian)
 - Permian
 - Carboniferous
 - Devonian
 - Silurian
 - Ordovician
 - Cambrian
- Precambrian**
 - Basic Intrusives
 - Acid Intrusives (Granite etc)
 - Late Precambrian or Early Cambrian
 - Late Precambrian (Annikie & Nekeeneven)
 - Early Precambrian Formations (Cobalt, Bruce, Grenville, Keewatin, etc)
 - Unclassified (Chiefly Palaeozoic)

CHARACTERISTIC LIFE	TYPICAL DIAGRAMMATIC SECTION OF THE EARTH'S CRUST	CHARACTERISTIC ROCKS
AGE OF MAN		
	Quaternary	clay, sand, and gravel
AGE OF MAMMALS AND MODERN PLANTS	Tertiary	shales and sandstones
	Cretaceous	shale and sandstone
AGE OF REPTILES	Jurassic	coal, shale, and sandstone
	Triassic	sandstone, limestone, shales and sandstone, clay formations, shale and sandstone
AGE OF AMPHIBIANS AND LYCOPODS (MOSS-LIKE TREES)	Carboniferous	coal, shale, and sandstone, shale and sandstone, limestone, sandstone, limestone
	Devonian	shale and limestone, sandstone, shale and limestone
AGE OF FISHES	Silurian	limestone, shale and sandstone
	Ordovician	shale, limestone, shale
AGE OF HIGHER (SHUDD) INVERTEBRATES	Cambrian	limestone, shale and limestone, sandstone
AGE OF PRIMITIVE INVERTEBRATES AND ALGAE	Precambrian	quartzite rocks, granite