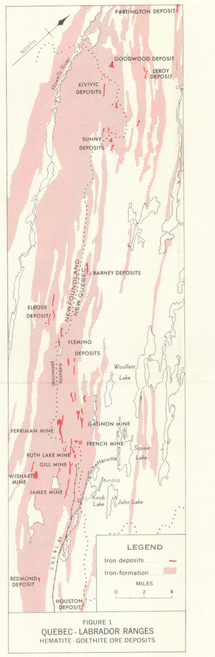


FIGURE 1
QUEBEC - LABRADOR RANGES
HEMATITE - GOETHITE ORE DEPOSITS

FIGURE 4
MICHIPICOTEN IRON RANGES
SIDERITE, PYRITE, AND IRON OXIDE IRON-FORMATIONS

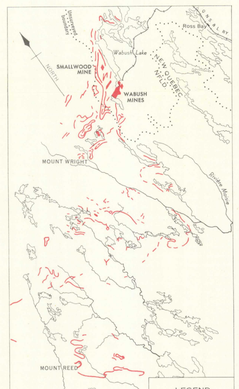


FIGURE 2
WABUSH LAKE, MOUNT WRIGHT, AND MOUNT REED IRON RANGES
HIGHLY METAMORPHOSED MAGNETITE, HEMATITE, AND QUARTZ IRON-FORMATIONS

NOT TO BE TAKEN FROM LIBRARY
NE PAS SORTIR DE LA BIBLIOTHÈQUE

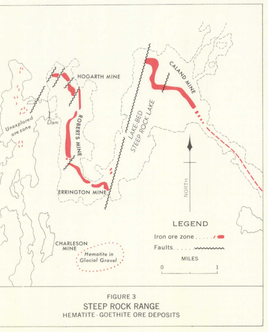
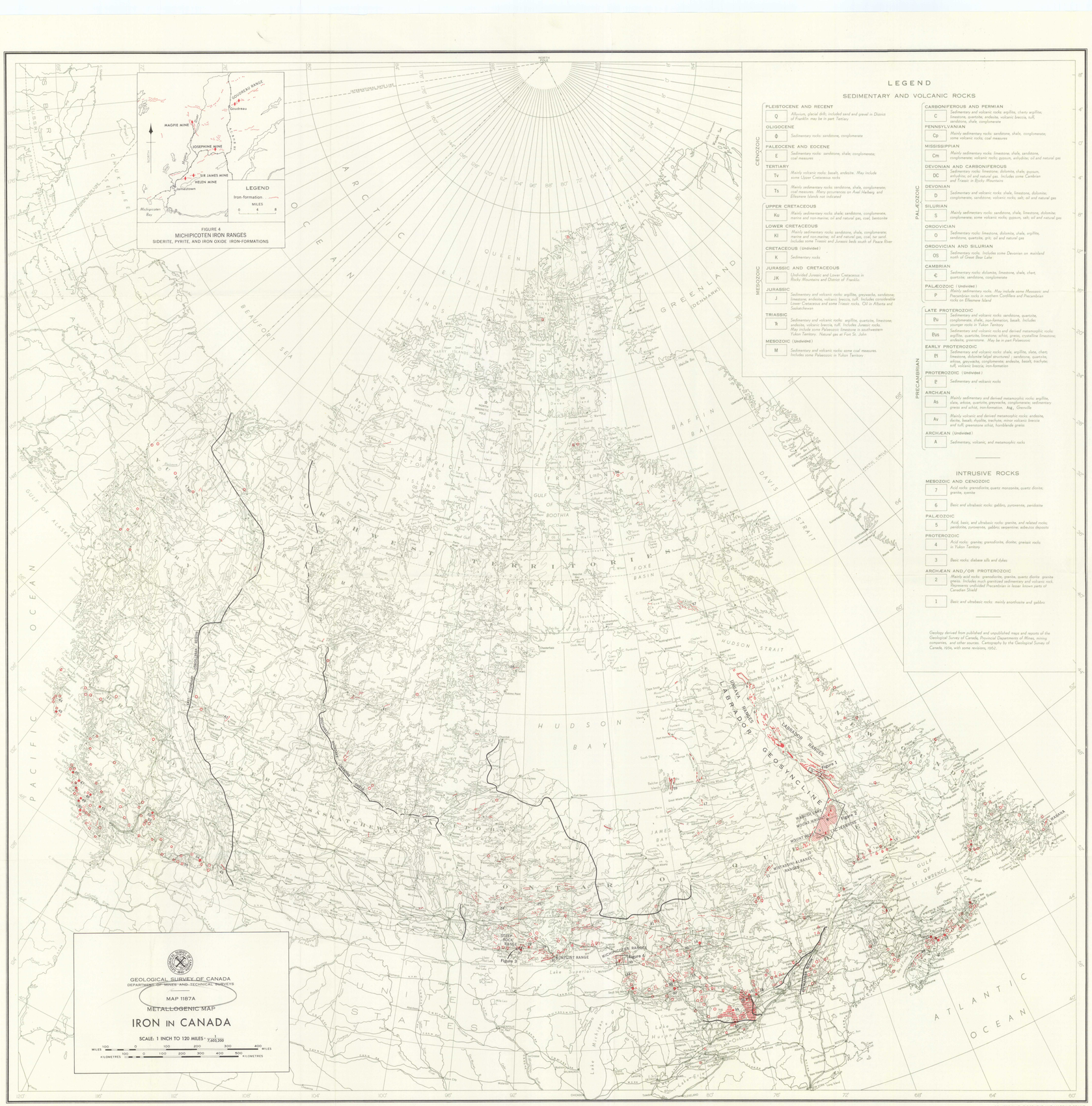


FIGURE 3
STEEP ROCK RANGE
HEMATITE - GOETHITE ORE DEPOSITS


LEGEND
SEDIMENTARY AND VOLCANIC ROCKS
CENOZOIC
PLEISTOCENE AND RECENT
Q Alluvium, glacial drift; included sand and gravel in District of Franklin may be in part Tertiary
OLIGOCENE
Φ 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
MESOZOIC
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 District of Franklin
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
Ꞧ Sedimentary and volcanic rocks: argillite, quartzite, limestone; andesite, volcanic breccia, tuff; basalt. 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
PALAEOZOIC
CARBONIFEROUS AND PERMIAN
C Sedimentary and volcanic rocks: argillite, cherty argillite; limestone, quartzite; andesite, volcanic breccia, tuff; sandstone, shale; conglomerate
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. Includes some Devonian on mainland north of Great Bear Lake
CAMBRIAN
Є Sedimentary rocks: dolomite, limestone, shale, chert, quartzite; sandstone, conglomerate
PALAEOZOIC (Undivided)
P Mainly sedimentary rocks. May include some Mesozoic and Precambrian rocks in northern Cordillera and Precambrian rocks on Ellesmere Island
PRECAMBRIAN
LATE PROTEROZOIC
Pu Sedimentary and volcanic rocks: sandstone, quartzite, conglomerate, shale; iron-formation, basalt. Includes younger rocks in Yukon Territory
Pus Sedimentary and volcanic rocks and derived metamorphic rocks: argillite, quartzite, limestone; schist, gneiss; crystalline limestone; andesite, greenstone. May be in part Paleozoic
EARLY PROTEROZOIC
Pl Sedimentary and volcanic rocks: shale, argillite, slate, chert; limestone, dolomite (algal structures); sandstone, quartzite, arkose, greywacke, conglomerate; andesite, basalt, trachyte; tuff, volcanic breccia; iron-formation
PROTEROZOIC (Undivided)
P Sedimentary and volcanic rocks
ARCHÆAN
As Mainly sedimentary and derived metamorphic rocks: argillite, slate, arkose, quartzite, greywacke, conglomerate; sedimentary gneiss and schist, iron-formation. Age, Grenville
Av Mainly volcanic and derived metamorphic rocks: andesite, dacite, basalt; rhyolite, trachyte; minor volcanic breccia and tuff, greenstone schist, hornblende gneiss
ARCHÆAN (Undivided)
A Sedimentary, volcanic, and metamorphic rocks
INTRUSIVE ROCKS
MESOZOIC AND CENOZOIC
7 Acid rocks: granodiorite, quartz monzonite, quartz diorite; granite, syenite
6 Basic and ultrabasic rocks: gabbro, pyroxenite, peridotite
PALAEOZOIC
5 Acid, basic, and ultrabasic rocks: granite, and related rocks; peridotite, pyroxenite, gabbro; serpentine; asbestos deposits
PROTEROZOIC
4 Acid rocks: granite; granodiorite, diorite; gneissic rocks in Yukon Territory
3 Basic rocks: diabase sills and dykes
ARCHÆAN AND/OR PROTEROZOIC
2 Mainly acid rocks: granodiorite, granite, quartz diorite; granite gneiss. Includes much granitized sedimentary and volcanic rock. Represents undivided Precambrian in lesser known parts of Canadian Shield
1 Basic and ultrabasic rocks: mainly anorthosite and gabbro
Geology derived from published and unpublished maps and reports of the Geological Survey of Canada, Provincial Departments of Mines, mining companies, and other sources. Cartography by the Geological Survey of Canada, 1964, with some revisions, 1962.
GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS
MAP 1187A
METALLOGENIC MAP
IRON IN CANADA
SCALE: 1 INCH TO 120 MILES · 1/7,603,200
MILES 100 0 100 200 300 400 MILES
KILOMETRES 100 0 100 200 300 400 500 KILOMETRES
PACIFIC OCEAN
ATLANTIC OCEAN
HUDSON BAY
JAMES BAY
GULF OF ST. LAWRENCE
HUDSON STRAIT
DAVIS STRAIT
GULF OF BOOTHIA
FOXE BASIN
GREENLAND
BAFFIN ISLAND
ELLESMERE ISLAND
VICTORIA ISLAND
BANKS ISLAND
MELVILLE PENINSULA
LABRADOR GEOSYNCLINE
LABRADOR RANGES
NAHANNI RANGE
MOUNT WRIGHT
MISTASSINI-ALBANY RANGES
MICHIPICOTEN RANGES
Figure 4
STEEP ROCK RANGE
Figure 3
Figure 2
Figure 1
Lake Superior
Lake Huron
Lake Michigan
Lake Ontario
Lake Erie
Lake Winnipeg
Great Slave Lake
Great Bear Lake
Lake Athabasca
Lake Nipigon
Lake Mistassini
Lake Manitoba
Lake Saskatchewan
Lake Reindeer
Lake Dubawnt
Lake Nueltin
Lake Kamuchawie
Lake Winnipegosis
Lake Cedar
Lake Manitou
Lake Dauphin
Lake Athapuscow