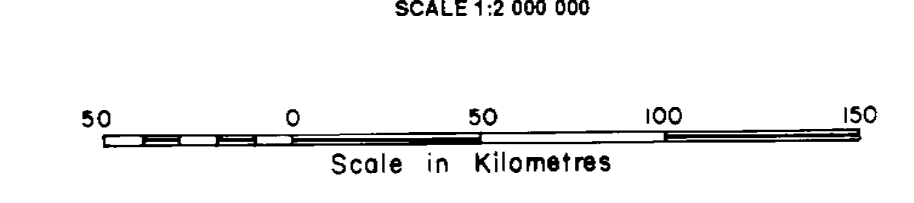


Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

INDUSTRIAL MINERAL OCCURRENCES
IN BRITISH COLUMBIA

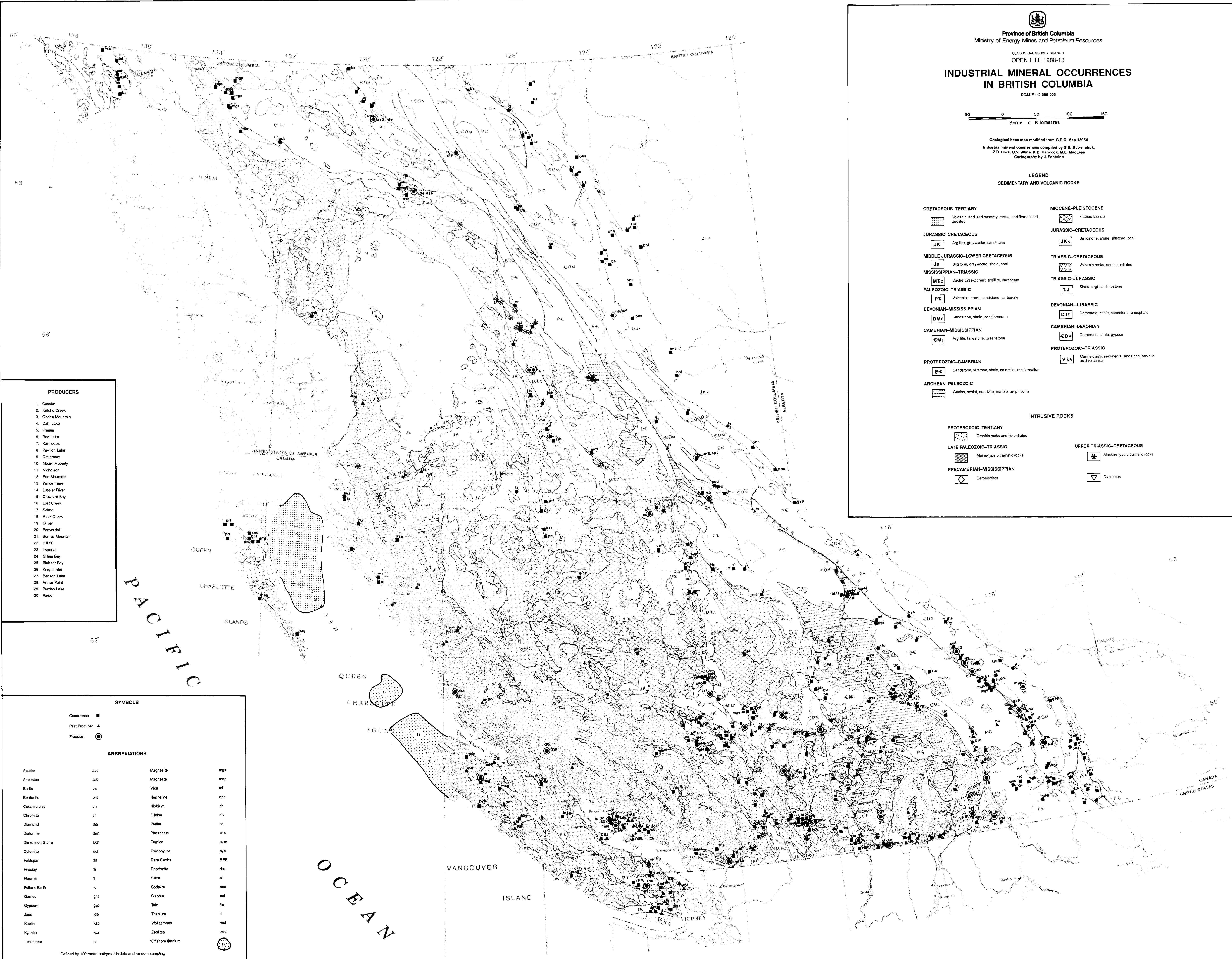


Geological base map modified from G.S.C. Map 1955A
Industrial mineral occurrences compiled by S.B. Butrenchuk,
Z.D. Hore, G.V. White, K.D. Henscock, M.E. MacLean
Cartography by J. Fontaine

LEGEND
SEDIMENTARY AND VOLCANIC ROCKS

- CRETACEOUS-TERTIARY**
Volcanic and sedimentary rocks, undifferentiated, zeolites
- JURASSIC-CRETACEOUS**
JK Argillite, greywacke, sandstone
- MIDDLE JURASSIC-LOWER CRETACEOUS**
JB Siltstone, greywacke, shale, coal
- MISSISSIPPIAN-TRIASSIC**
MTC Cache Creek chert, argillite, carbonate
- PALEOZOIC-TRIASSIC**
PT Volcanic chert, sandstone, carbonate
- DEVONIAN-MISSISSIPPIAN**
DME Sandstone, shale, conglomerate
- CAMBRIAN-MISSISSIPPIAN**
CML Argillite, limestone, greenstone
- PROTEROZOIC-CAMBRIAN**
PC Sandstone, siltstone, shale, dolomite, iron formation
- ARCHEAN-PALEOZOIC**
Gneiss, schist, quartzite, marble, amphibolite
- MIOCENE-PLEISTOCENE**
Plateau basalts
- JURASSIC-CRETACEOUS**
JKK Sandstone, shale, siltstone, coal
- TRIASSIC-CRETACEOUS**
VVV Volcanic rocks, undifferentiated
- TRIASSIC-JURASSIC**
TJ Shale, argillite, limestone
- DEVONIAN-JURASSIC**
DJF Carbonate, shale, sandstone, phosphate
- CAMBRIAN-DEVONIAN**
CDM Carbonate, shale, gypsum
- PROTEROZOIC-TRIASSIC**
PTA Marine clastic sediments, limestone, basic to acid volcanics

- INTRUSIVE ROCKS**
- PROTEROZOIC-TERTIARY**
Granitic rocks undifferentiated
 - LATE PALEOZOIC-TRIASSIC**
Alpine-type ultramafic rocks
 - PRECAMBRIAN-MISSISSIPPIAN**
Carbonates
 - UPPER TRIASSIC-CRETACEOUS**
Alaskan-type ultramafic rocks
 - Diatremes



PRODUCERS

- Cassiar
- Kulcho Creek
- Ogden Mountain
- Dahl Lake
- Fraser
- Red Lake
- Kamloops
- Pavilion Lake
- Craigmont
- Mount Moberly
- Nicholson
- Eon Mountain
- Woodsmere
- Lussier River
- Crawford Bay
- Lost Creek
- Salmo
- Rock Creek
- Oliver
- Beaverdell
- Sumas Mountain
- Hill 50
- Imperial
- Gillies Bay
- Blubber Bay
- Knight Inlet
- Benson Lake
- Arthur Point
- Purden Lake
- Paxson

SYMBOLS

- Occurrence ■
- Past Producer ▲
- Producer ●

ABBREVIATIONS

Apatite	apt	Magnetite	mgs
Asbestos	asb	Magnetite	mag
Barite	ba	Mica	mi
Bentonite	bnt	Nepheline	nph
Ceramic clay	cl	Niobium	nb
Chromite	cr	Olivine	olv
Diamond	da	Perlite	prl
Diatomite	dnt	Phosphate	phs
Dimension Stone	DSt	Pumice	pum
Dolomite	dol	Pyrophyllite	gyp
Feldspar	fd	Rare Earths	REE
Fireclay	fr	Rhodnite	rho
Fluorite	fl	Silica	si
Fuller's Earth	fl	Sodalite	sod
Garnet	gnt	Sulphur	sul
Gypsum	gyp	Talc	tlc
Jade	jde	Titanium	t
Kaolin	kao	Wollastonite	wol
Kyanite	kys	Zeolites	zco
Limestone	ls	*Offshore titanium	

*Defined by 100 metre bathymetric data and random sampling

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