Listing of B.C. Mineral Deposit Profiles by Commodity Index

Please select desired commodity (e.g. garnet, limestone, bituminous coal) by alphabetic category. Note that metals are listed by their elemental symbol (e.g. Au, Cu, Fe). Any commodity or symbol followed by an asterisk is either a byproduct or seldom produced from that particular deposit type. Any BC deposit profile(s) with an asterisk have no completed deposit profile. USGS deposit model(s) with an asterisk had no published model in the late 1990s.

While the list is lengthy, it is not complete. It is published in Open File 1996-13. The list includes multiple entries for almost all deposit types.

A

Commodities	Deposit Type	BC Profile #
Ag	Gossan Au-Ag	B10
Ag	Carbonate-hosted disseminated Au-Ag	E03
Ag	Sediment-hosted Cu	E04
Ag	Mississippi Valley-type Pb-Zn	E12
Ag	Irish-type carbonate-hosted Zn-Pb	E13
Ag	Sedimentary Exhalative Zn-Pb-Ag	E14
Ag	Besshi massive sulphide Cu-Zn	G04
Ag	Noranda / Kuroko massive sulphide Cu-Pb-Zn	G06
Ag	Subaqueous hot spring Au-Ag	G07
Ag	Epithermal Au-Ag-Cu; high sulphidation	H04
Ag	Epithermal Au-Ag; low sulphidation	H05
Ag	Sn-Ag veins	H07
Ag	Alkalic intrusion-associated Au-Ag	H08
Ag	Intrusion-related Au pyrrhotite veins	I02
Ag	Polymetallic veins Ag-Pb-Zn+Au	I05
Ag	Five-element veins Ni-Co-As-Ag+(Bi, U)	I14
Ag	Polymetallic mantos Ag-Pb-Zn	J01
Ag	Sulphide manto Au	J04
Ag	Pb-Zn skarns	K02
Ag	Subvolcanic Cu-Au-Ag (As-Sb)	L01
Ag	Broken Hill-type Pb-Zn-Ag-Cu	S01
Ag*	Laterite-Saprolite Au	B03*
Ag*	Buried-channel placers	C02
Ag*	Marine placers	C03
Ag*	Volcanic redbed Cu	D03
Ag*	Iron oxide breccias and veins +P+Cu+Au+Ag+U	D07
Ag*	Kipushi Cu-Pb-Zn	E02
Ag*	Sandstone Pb	E05
Ag*	Carbonate-hosted barite	E10
Ag*	Carbonate-hosted fluorspar	E11
Ag*	Blackbird sediment-hosted Cu-Co	E15
Ag*	Cyprus massive sulphide Cu (Zn)	G05
Ag*	Hot spring Au-Ag	H03
Ag*	Au-quartz veins	I01
Ag*	Turbidite-hosted Au veins	I03
Ag*	Iron formation-hosted Au	I04
Ag*	Cu+Ag quartz veins	I06
Ag*	Silica-carbonate Hg	I08

Ag*	Vein barite	I10
Ag*	"Classical" U veins	I15
Ag*	Manto and stockwork Sn	J02
Ag*	Mn veins and replacements	J03*
Ag*	Cu skarns	K01
Ag*	Fe skarns	K03
Ag*	Au skarns	K04
Ag*	Porphyry Cu-Au: alkalic	L03
Ag*	Porphyry Cu G486 Mo + Au	L04
Ag*	Porphyry Sn	L06
Ag*	Porphyry W	L07
agate	Agate	Q03*
agate	Opal deposits in volcanic sequences	Q11
aggregate	Sand and Gravel	B12
aggregate	Expanding shale	R02
aggregate*	Dimension stone-granite	R03
aggregate*	Dimension stone - marble	R04
aggregate*	Dimension stone - andesite	R05
aggregate*	Limestone	R09
Al	Bauxite Al	B04*
Al	Karst-hosted Fe, Al, Pb-Zn	B09*
Al*	Playa and Alkaline Lake Evaporites	F09*
alunite	Hydrothermal alteration clays-Al-Si	H09
amethyst	Amethyst	Q04*
analcime	Closed-basin zeolites	D02
andalusite	Andalusite schist and hornfels	P01
andalusite	Kyanite family minerals	P02
andesite	Dimension stone - andesite	R05
anhydrite	Volcanogenic anhydrite / gypsum	G03*
anhydrite*	Bedded gypsum	F02
apatite*	Magmatic Fe-Ti+V oxide deposits	M04
apatite*	Vermiculite deposits	M08
aquamarine*	Scist-hosted emerald deposits	Q07
As*	Volcanic-hosted U	D06
As*	Subaqueous hot spring Au-Ag	G07
As*	Epithermal Au-Ag-Cu; high sulphidation	H04
As*	"Classical" U veins	I15
As*	Subvolcanic Cu-Au-Ag (As-Sb)	L01
asbestos	Ultramafic-hosted asbestos	M06
Au	Laterite-Saprolite Au	B03*
Au	Gossan Au-Ag	B10
Au	Surficial placers	C01
Au	Buried-channel placers	C02
Au	Marine placers	C03
Au	Paleoplacer U-Au-PGE-Sn-Ti-diam-mag-gar-zir	C04*
Au	Iron oxide breccias and veins +P+Cu+Au+Ag+U	D07
Au	Carbonate-hosted disseminated Au-Ag	E03
Au	Noranda / Kuroko massive sulphide Cu-Pb-Zn	G06
Au	Subaqueous hot spring Au-Ag	G07
Au	Hot spring Au-Ag	H03

Au	Epithermal Au-Ag-Cu; high sulphidation	H04
Au	Epithermal Au-Ag; low sulphidation	H05
Au	Alkalic intrusion-associated Au-Ag	H08
Au	Au-quartz veins	I01
Au	Intrusion-related Au pyrrhotite veins	I02
Au	Turbidite-hosted Au veins	I03
Au	Iron formation-hosted Au	I04
Au	Sulphide manto Au	J04
Au	Au skarns	K04
Au	Subvolcanic Cu-Au-Ag (as-Sb)	L01
Au	Plutonic-Related Au Quartz Veins	L02
Au	Porphyry-related Au	L09*
Au	Porphyry Cu-Au; alkalic	L03
Au	Porphyry Cu+Mo+Au+	L04
Au*	Bog Fe, Mn, U, Cu, Au	B07
Au*	Volcanic-hosted U	D06
Au*	Sediment-hosted Cu	E04
Au*	Blackbird sediment-hosted Cu-Co	E15
Au*	Shale-hosted Ni-Zn-Mo-PGE	E16
Au*	Besshi massive sulphide Cu-Zn	G04
Au*	Cyprus massive sulphide Cu (Zn)	G05
Au*	Hot-spring Hg	H02
Au*	Sn-Ag veins	H07
Au*	Polymetallic veins Ag-Pb-Zn+Au	I05
Au*	Cu+Ag quartz veins	I06
Au*	Silica veins	I07*
Au*	Silica-carbonate Hg	I08
Au*	Stibnite veins and disseminations	I09
Au*	Unconformity-associated U	I16
Au*	Polymetallic mantos Ag-Pb-Zn	J01
Au*	Cu skarns	K01
Au*	Pb-Zn skarns	K02
Au*	Fe skarns	K03
Au*	Mo skarns	K07
Au*	Gabbroid Ni-Cu-PGE	M02
Au*	Broken Hill-type Pb-Zn-Ag+Cu	S01

B

Commodities	Deposit Type	BC Profile #
barite	Carbonate-hosted barite	E10
barite	Mississippi Valley-type Pb-Zn	E12
barite	Sedimentary-hosted stratiform barite	E17
barite	Vein barite	I10
barite	Vein fluorite-barite	I11
barite*	Surficial placers	C01
barite*	Buried-channel placers	C02
barite*	Volcanic-hosted U	D06
barite*	Iron oxide breccias and veins +P+Cu+Au+Ag+U	D07
barite*	Carbonate-hosted fluorspar	E11
barite*	Irish-type carbonate-hosted Zn-Pb	E13

barite*	Sedimentary Exhalative Zn-Pb-Ag	E14
barite*	Noranda / Kuroko massive sulphide Cu-Pb-Zn	G06
barite*	Five-element veins Ni-Co-As-Ag+(Bi, U)	I14
barite*	Carbonate-hosted deposits	N01
barite*	Broken Hill-type Pb-Zn-Ag+Cu	S01
Be	Rare element pegmatite - LCT family	O01
Be*	Rare element pegmatite - NYF family	O02
Bentonite	Bentonite	E06
bertrandite*	Vein fluorite-barite	I11
beryl	Columbia-type emerald deposits	Q06
beryl*	Surficial placers	C01
beryl*	Buried-channel placers	C02
beryl*	Schist-hosted emerald deposits	Q07
Bi	Five-element veins Ni-Co-As-Ag+(Bi, U)	I14
Bi*	Blackbird sediment-hosted Cu-Co	E15
Bi*	Sn-Ag veins	H07
Bi*	"Classsical" U veins	I15
Bi*	Polymetallic mantos Ag-Pb-Zn	J01
Bi*	Manto and stockwork Sn	J02
Bi*	Mo skarns	K07
borate minerals*	Fe skarns	K03

C

Commodities	Deposit Type	BC Profile #
calcite*	Carbonatite-hosted deposits	N01
carbon	Anthracite	A05
cabon dioxide*	Playa and Alkaline Lake Evaporites	F09*
Cd*	Mississippi Valley-type Pb-Zn	E12
Cd*	Irish-type carbonate-hosted Zn-Pb	E13
Cd*	Besshi massive sulphide Cu-Zn	G04
Cd*	Cyprus massive sulphide Cu (Zn)	G05
Cd*	Noranda / Kuroko massive sulphide Cu-Pb-Zn	G06
Cd*	Sn-Ag veins	H07
Cd*	Manto and stockwork Sn	J02
Cd*	Pb-Zn skarns	K02
celestite	Bedded celestite	F04*
cement feedstock	Cement shale	R01
cement feedstock*	Sedimentary kaolin	E07
ceramic clay*	Sedimentary kaolin	E07
chabazite	Open-system Zeolites	D01
chabazite	Closed-basin zeolites	D02
chalcedony*	Opal deposits in volcanic sequences	Q11
chromite	Podiform chromite	M03
chromite*	Surficial placers	C01
chromite*	Buried-channel placers	C02
chrysoberyl*	Schist-hosted emerald deposits	Q07
cinnabar*	Surficial placers	C01
cinnabar*	Buried-channel placers	C02
clay (fireclay)	Sedimentary kaolin	E07
clinoptilolite	Open-system Zeolites	D01

clinoptilolite	Closed-basin zeolites	D02
Co	Blackbird sediment-hosted Cu-Co	E15
Co	Five-element veins Ni-Co-As-Ag+(Bi, U)	I14
Co*	Kipushi Cu-Pb-Zn	E02
Co*	Sediment-hosted Cu	E04
Co*	Besshi massive sulphide Cu-Zn	G04
Co*	Cyprus massive sulphide Cu (Zn)	G05
Co*	"Classical" U veins	I15
Co*	Fe skarns	K03
Co*	Gabbroid Ni-Cu-PGE	M02
Co*	Magmatic Fe-Ti+V oxide deposits	M04
coal	Lignite	A02
coal	Sub-bituminous coal	A03
coal	Bituminous coal	A04
coal	Anthracite	A05
coal liquids	Lignite	A02
coal liquids	Sub-bituminous coal	A03
coal liquids*	Bituminous coal	A04
coke	Bituminous coal	A04
construction aggregate*	Residual kaolin	B05
corundum	Alkalic-hosted gem corundums	Q09
corundum	Gem corundums in basalts and lamprophyres	Q10
corundum*	Surficial placers	C01
corundum*	Buried-channel placers	C02
corundum*	Kyanite family minerals	P02
corundum*	Corundum in aluminous metasedimentary rocks	P06
Cu	Volcanic redbed Cu	D03
Cu	Iron oxide breccias and veins +P+Cu+Au+Ag+U	D07
Cu	Kipushi Cu-Pb-Zn	E02
Cu	Sediment-hosted Cu	E04
Cu	Blackbird sediment-hosted Cu-Co	E15
Cu	Besshi massive sulphide Cu-Zn	G04
Cu	Cyprus massive sulphide Cu (Zn)	G05
Cu	Noranda / Kuroko massive sulphide Cu-Pb-Zn	G06
Cu	Epithermal Au-Ag-Cu; high sulphidation	H04
Cu	Cu+Ag quartz veins	I06
Cu	Cu skarns	K01
Cu	Subvolcanic Cu-Au-Ag (As-Sb)	L01
Cu	Porphyry Cu-Au; alkalic	L03
Cu	Porphyry Cu+ Mo+Au	L04
Cu	Basaltic subvolcanic Cu-Ni-PGE	M01*
Cu	Gabbbroid Ni-Cu-PGE	M02
Cu*	Bog Fe, Mn, U, Cu, Au	B07*
Cu*	Surficial placers	C01
Cu*	Buried-channel placers	C02
Cu*	Sandstone U	D05*
Cu*	Irish-type carbonate-hosted Zn-Pb	E13
Cu*	Sedimentary Exhalative Zn-Pb-Ag	E14
Cu*	Subaqueous hot spring Au-Ag	G07
Cu*	Epithermal Au-Ag; low sulphidation	H05

Cu*	Sn-Ag veins	H07
Cu*	Au-quartz veins	I01
Cu*	Intrusion-related Au pyrrhotite veins	I02
Cu*	Iron formation-hosted Au	I04
Cu*	Polymetallic veins Ag-Pb+Zn-Au	I05
Cu*	Vein barite	I10
Cu*	Vein fluorite-barite	I11
Cu*	"Classical" U veins	I15
Cu*	Polymetallic mantos Ag-Pb-Zn	J01
Cu*	Manto and stockwork Sn	J02
Cu*	Pb-Zn skarns	K02
Cu*	Fe skarns	K03
Cu*	Au skarns	K04
Cu*	W skarns	K05
Cu*	Mo skarns	K07
Cu*	Porphyry-related Au	L02
Cu*	Porphyry Mo (Low F-type)	L05
Cu*	Magmatic Fe-Ti+V oxide deposits	M04
Cu*	Carbonatite-hosted deposits	N01
Cu*	Broken Hill-type Pb-Zn-Ag+Cu	S01

D

Commodities	Deposit Type	BC Profile #
dawnsonite*	Playa and Alkaline Lake Evaporites	F09*
diamond	Kimberlite-hosted diamonds	N02
diamond	Lamproite-hosted diamonds	N03
diamond*	Surficial placers	C01
diamond*	Buried-channel placers	C02
diamond*	Marine placers	C03
diamond*	Paleoplacer U-Au-PGE-Sn-Ti-diam-mag-gar-zir	C04*
diatomite	Lacustrine diatomite	F06
dolomite	Dolomite	R10

E

Commodities	Deposit Type	BC Profile #
emerald	Columbia-type emerald deposits	Q06
emerald	Schist-hosted emerald deposits	Q07
emerald*	Surficial placers	C01
emerald*	Buried-channel placers	C02
emery*	Corundum in aluminous metasedimentary rocks	P06
erionite	Closed-basin zeolites	D02

F

Commodities	Deposit Type	BC Profile #
Fe	Laterite Fe	B01*
Fe	Bog Fe, Mn, U, Cu, Au	B07*
Fe	Karst-hosted Fe, Al, Pb-Zn	B09*
Fe	Iron oxide breccias and veins +P+Cu+Au+Ag+U	D07
Fe	Lake Superior & Rapitan types iron-formation	F10*
Fe	Ironstones	F11*

Fe	Algoma-type iron-formation	G01
Fe	Fe skarns	K03
Fe	Magmatic Fe-Ti+V oxide deposits	M04
feldspar	Nepheline syenite	R13
feldspar*	Rare element pegmatite - NYF family	O02
feldspar*	Muscovite pegmatite class	O03
filler (white)*	Dimension stone - marble	R04
filler (white)*	Limestone	R09
fluorite	Vein fluorite-barite	I11
fluorite	Carbonatite-hosted deposits	N01
fluorite	Carboinatite-hosted fluorspar	E11
fluorite*	Volcanic-hosted U	D06
fluorite*	Carbonate-hosted barite	E10

G

Commodities	Deposit Type	BC Profile #
garnet	Garnet skarns	K08
garnet*	Surficial placers	C01
garnet*	Buried-channel placers	C02
garnet*	Marine placers	C03
garnet*	Paleoplacer U-Au-PGE-Sn-Ti-diam-mag-gar-zir	C04*
garnet*	Andalusite schist and hornfels	P01
garnet*	Kyanite family minerals	P02
gas*	Lignite	A02
gas*	Sub-bituminous coal	A03
gas*	Bituminous coal	A04
gemstones*	Rare element pegmatite - NYF family	O02
granite	Dimension stone - granite	R03
graphite	Microcrystalline graphite	P03
graphite	Crystalline flake graphite	P04
graphite	Vein graphite	P05
gravel	Sand and Gravel	B12
gypsum	Bedded gypsum	F02
gypsum	Volcanogenic anhydrite / gypsum	G03*
gypsum*	Noranda / Kuroko massive sulphide Cu-Pb-Zn	G06

H

Commodities	Deposit Type	BC Profile #
hematite*	Carbonatite-hosted deposits	N01
Hg	Almaden Hg	E01*
Hg	Hot-spring Hg	H02
Hg	Silica-carbonate Hg	I08
Hg*	Subaqueous hot spring Au-Ag	G07
Hg*	Hot spring Au-Ag	H03
hydromagnesite	Playa and Alkaline Lake Evaporites	F09*

I

Commodities	Deposit Type	BC Profile #
ilmenite	Marine placers	C03
ilmenite*	Surficial placers	C01
ilmenite*	Buried-channel placers	C02
In*	Sn-Ag veins	H07
In*	Manto and stockwork Sn	J02
Ir*	Podiform chromite	M03
Ir*	Alaskan-type PGE	M05

J

Commodities	Deposit Type	BC Profile #
jade	Jade	Q01
jade*	Ultramafic-hosted asbestos	M06
jasper	Jasper	Q05*
jasper*	Opal deposits in volcanic sequences	Q11

K

Commodities	Deposit Type	BC Profile #
kaolin	Residual kaolin	B05
kaolin	Hydrothermal alteration clays-Al-Si	H09
kaolin*	Muscovite pegmatite class	O03
kyanite	Kyanite family minerals	P02
kyanite*	Surficial placers	C01
kyanite*	Buried-channel placers	C02

L

Commodities	Deposit Type	BC Profile #
leonardite*	Lignite	A02
Li	Rare element pegmatite - LCT family	O01
lime (agricultural)	Travertine	H01
lime	Marl	B11*
lime	Limestone	R09
lime*	Dimension stone-marble	R04

M

Commodities	Deposit Type	BC Profile #
magnesite	Sparry magnesite	E09
magnesite	Cryptocrystalline ultrafamic-hosted magnesite veins	I17
magnesite	Ultramafic-hosted talc-carbonate	M07
magnesite*	Marine placers	C03
magnetite	Cu skarns	K01
magnetite	Fe skarns	K03
magnetite	Garnet skarns	K08
magnetite	Ultramafic-hosted asbestos	M06
magnetite*	Surficial placers	C01
magnetite*	Buried-channel placers	C02
magnetite*	Paleoplacer U-Au-PGE-Sn-Ti-diam-mag-gar-zir	C04*
magnetite*	Sn skarns	K06
magnetite*	Alaskan-type PGE	M05

magnetite	Carbonatite-hosted deposits	N01
mica	Muscovite pegmatite class	O03
mica*	Andalusite schist and hornfels	P01
Mn	Sedimentary Manganese	F01
Mn	Volcanogenic Mn	G02
Mn	Epithermal Mn	H06*
Mn	Mn veins and replacements	J03*
Mn*	Bog Fe, Mn, U, Cu, Au	B07*
Mn*	Algoma-type iron-formation	G01
Mn*	Polymetallic veins Ag-Pb-Zn+Au	I05
Mo	Shale-hosted Ni-Zn-Mo-PGE	E16
Mo	Mo skarns	K07
Mo	Porphyry Cu+Mo+Au	L04
Mo	Porphyry Mo (Low F-type)	L05
Mo	Porphyry Mo (Climax-type)	L08
Mo*	Volcanic-hosted U	D06
Mo*	Besshi massive sulphide Cu-Zn	G04
Mo*	W veins	I12*
Mo*	"Classical" U veins	I15
Mo*	Cu skarns	K01
Mo*	W skarns	K05
Mo*	Porphyry W	L07
monazite/	Marine placers	C03
mordenite	Open-system Zeolites	D01
modenite	Closed-system Zeolites	D02
muscovite*	Kyanite family minerals	P02

N

Commodities	Deposit Type	BC Profile #
Nb	Carbonatite-hosted deposits	N01
Nb	Rare element pegmatite - LCT family	O01
Nb*	Rare element pegmatite NYF - family	O02
nepheline	Nepheline syenite	R13
Ni	Laterite Ni	B02*
Ni	Shale-hosted Ni-Zn-mo-PGE	E16
Ni	Five-element veins Ni-Co-As-Ag+(Bi, U)	I14
Ni	Basaltic subvolcanic Cu-Ni-PGE	M01*
Ni	Gabbroid Ni-Cu-PGE	M02
Ni*	Blackbird sediment-hosted Cu-Co	E15
Ni*	"Classical" U veins	I15
Ni*	Magmatic Fe-Ti+V oxide deposits	M04

O

Commodities	Deposit Type	BC Profile #
onyx*	Travertine	H01
opal	Sedimentary-hosted opal deposits	Q08
opal	Opal deposits in volcanic sequences	Q11
Os*	Podiform chromite	M03
Os*	Alaskan-type PGE	M05

P

Commodities	Deposit Type	BC Profile #
palygorskite	Palygorskite	F05*
Pb	Karst-hosted Fe, Al, Pb-Zn	B09*
Pb	Kipushi Cu-Pb-Zn	E02
Pb	Sandstone Pb	E05
Pb	Mississippi Valley-type Pb-Zn	E12
Pb	Irish-type carbonate-hosted Zn-Pb	E13
Pb	Sedimentary Exhalitive Zn-Pb-Ag	E14
Pb	Besshi massive sulphide Cu-Zn	G04
Pb	Noranda / Kuroko massive sulphide Cu-Pb-Zn	G06
Pb	Polymetallic veins Ag-Pb+Zn+Au	I05
Pb	Polymetallic mantos Ag-Pb-Zn	J01
Pb	Pb-Zn skarns	K02
Pb	Broken Hill-type Pb-Zn-Ag+Cu	S01
Pb*	Sediment-hosted Cu	E04
Pb*	Carbonate-hosted barite	E10
Pb*	Carbonate-hosted flurospar	E11
Pb*	Blackbird sediment-hosted Cu-Co	E15
Pb*	Sedimentary-hosted stratiform barite	E17
Pb*	Subaqueous hot spring Au-Ag	G07
Pb*	Epithermal Au-Ag; low sulphidation	H05
Pb*	Sn-Ag veins	H07
Pb*	Alkalic intrusion-associated Au-Ag	H08
Pb*	Vein barite	I10
Pb*	Vein fluorite-barite	I11
Pb*	Manto and stockwork Sn	J02
Pb*	Mn veins and replacements	J03*
Pb*	Mo skarns	K07
Pd*	Shale-hosted Ni-Zn-Mo-PGE	E16
peat	Peat	A01
perlite	Volcanic glass - perlite	R12
PGE	Surficial placers	C01
PGE	Buried-channel placers	C02
PGE	Marine placers	C03
PGE	Basaltic subvolcanic Cu-Ni-PGE	M01*
PGE*	Paleoplacer U-Au-PGE-Sn-Tri-diam-mag-gar-zir	C04*
PGE*	Sediment-hosted Cu	E04
PGE*	Gabbroid Ni-Cu-PGE	M02
phenacite*	Vein fluorite-barite	I11
philipsite	Open-system Zeolites	D01
philipsite	Closed-basin zeolites	D02
phlogopite*	Fe skarns	K03
phosphate	Upwelling-type phosphate	F07
phosphate	Warm current-type phosphate	F08
phosphate	Carbonatite-hosted deposits	N01
phosphate	Sedimentary Manganese	F01
pozzolan*	Expanding shale	R02
Pt	Alaskan-type PGE	M05
Pt*	Shale-hosted Ni-Zn-Mo-PGE	E16

pumice	Volcanic ash - pumice	R11
pyrophyllite	Hydrothermal alteration clays-Al-Si	R14

Q

Commodities	Deposit Type	BC Profile#
quartz	Alaskite	R14

R

Commodities	Deposit Type	BC Profile #
Ra	Rare element pegmatite - LCT family	O01
Rb	Rare element pegmatite - LCT family	O01
red ochre*	Gossan Au-Ag	B10
REE	Volcanic-hosted U	D06
REE	Carbonatite-hosted deposits	N01
REE	Rare element pegmatite - NYF family	O02
REE*	Marine placers	C03
REE*	Iron oxide breccias and veins +P+Cu+Au+Ag+U	D07
refractory claystone	Sedimentary kaolin	E07
Rh*	Alaskan-type PGE	M05
rhodonite	Rhodonite	Q02
rhodonite*	Volcanogenic Mn	G02
rip-rap	Crushed rock	R15*
rip-rap*	Dimension stone - granite	R03
rip-rap*	Dimension stone - marble	R04
rip-rap*	Dimension stone - andesite	R05
rip-rap*	Dimension stone - sandstone	R06
Ru*	Podiform chromite	M03
ruby	Corundum in aluminous metasedimentary rocks	P06
ruby	Alkalic-hosted gem corundums	Q09
ruby	Gem corundums in basalts and lamprophyres	Q10
ruby*	Surficial placers	C01
ruby*	Buried-channel placers	C02
rutile	Marine placers	C03
rutile*	Surficial placers	C01
rutile*	Buried-channel placers	C02

S

Commodities	Deposit Type	BC Profile #
S	Gypsum-hosted sulphur	F03
S*	Noranda / Kuroko massive sulphide Cu-Pb-Zn	G06
sand	Sand and Gravel	B12*
sapphire	Corundum in aluminous metasedimentary rocks	P06
sapphire	Alkalic-hosted gem corundums	Q09
sapphire	Gem corundums in basalts and lamprophyres	Q10
sapphire*	Surficial placers	C01
sapphire*	Buried-channel placers	C02
Sb	Stibnite veins and disseminations	I09
Sb*	Volcanic-hosted U	D06
Sb*	Subaqueous hot spring Au-Ag	G07
Sb*	Epithermal Au-Ag-Cu; high sulphidation	H04

Sb*	Au-quartz veins	I01
Sb*	Turbidite-hosted Au veins	I03
Sb*	Silica-carbonate Hg	I08
Sb*	Manto and stockwork Sn	J02
Sb*	Subvolcanic Cu-Au-Ag (As-Sb)	L01
Se*	Noranda / Kuroko massive sulphide Cu-Pb-Zn	G06
silica	Silica veins	I07*
silica	Hydrothermal alteration clays-Al-Si	H09
silica	Quartz pegmatite	O04*
silica	Silica-rich rocks	R07
silica sand*	Residual kaolin	B05
silica*	Muscovite pegmatite class	O03
silimanite	Kyanite family minerals	P02
Sn	Surficial placers	C01
Sn	Marine placers	C03
Sn	Sn-Ag veins	H07
Sn	Sn veins and greisens	I13*
Sn	Manto and stockwork Sn	J02
Sn	Sn skarns	K06
Sn	Porphyry Sn	L06
Sn*	Surficial placers	C01
Sn*	Buried-channel placers	C02
Sn*	Paleoplacer U-Au-PGE-Sn-Ti-diam-mag-gar-zir	C04*
Sn*	Besshi massive sulphide Cu-Zn	G04
Sn*	Noranda / Kuroko massive sulphide Cu-Pb-Zn	G06
Sn*	Polymetallic mantos Ag-Pb-Zn	J01
Sn*	W skarns	K05
Sn*	Mo skarns	K07
Sn*	Porphyry W	L07
Sn*	Porphyry Mo (Climax-type)	L08
Sn*	Rare element pegmatite - LCT family	O01
soda ash	Playa and Alkaline Lake Evaporites	F09*
soil conditioner	Travertine	H01
sphene*	Surficial placers	C01
spinel*	Buried-channel placers	C02
spodumene	Rare element pegmatite - LCT family	O01
Sr*	Carbonatite-hosted deposits	N01
staurolite*	Surficial placers	C01
staurolite*	Buried-channel placers	C02
staurolite*	Andalusite schist and hornfels	P01
staurolite	Kyanite family minerals	P02
stone (building)	Travertine	H01
stone (building)	Dimension stone - marble	R04
stone (building)	Dimension stone - sandstone	R06
stone (building)	Flagstone	R08
stone (limestone)	Limestone	R09

T

Commodities	Deposit Type	BC Profile #
Ta*	Carbonatite-hosted deposits	N01
Ta*	Rare element pegmatite - NYF family	O02
talc	Carbonate-hosted talc	E08
talc	Ultramafic-hosted talc-carbonate	M07
tar*	Lignite	A02
tar*	Sub-bituminous coal	A03
tar*	Bituminous coal	A04
Th*	Marine placers	C03
Th*	Carbonatite-hosted deposits	N01
Th*	Volcanic-hosted U	D06
Ti	Marine placers	C03
Ti	Magmatic Fe+Ti+V oxide deposits	M04
Ti*	Paleoplacer U-Au-PGE-Sn-Ti-diam-mag-gar-zir	C04*
Ti*	Carbonatite-hosted deposits	N01
topaz*	Surficial placers	C01
topaz*	Buried-channel placers	C02
topaz*	Schist-hosted emerald deposits	Q07
tourmaline*	Surficial placers	C01
tourmaline*	Buried-channel placers	C02
tourmaline*	Schist-hosted emerald deposits	Q07

U

Commodities	Deposit Type	BC Profile #
U	Surficial U	B08
U	Paleoplacer U-Au-PGE-Sn-Ti-diam-mag-gar-zir	C04*
U	Basal U	D04
U	Sandstone U	D05*
U	Volcanic-hosted U	D06
U	Five-element veins Ni-Co-As-Ag+(Bi, U)	I14
U	"Classical" U veins	I15
U	Unconformity-associated U	I16
U	Rare element pegmatite - NYF family	O02
U*	Bog Fe, Mn, U, Cu, Au	B07*
U*	Iron oxide breccias and veins +P+Cu+Au+Ag+U	D07
U*	Sediment-hosted Cu	E04
U*	Mo skarns	K07
U*	Carbonatite-hosted deposits	N01

V

Commodities	Deposit Type	BC Profile #
V	Sandstone U	D05*
V*	Sediment-hosted Cu	E04
V*	Magmatic Fe+Ti+V oxide deposits	M04
V*	Carbonatite-hosted deposits	N01
vermiculite	W veins	M08
vermiculite	W skarn	N01

W

Commodities	Deposit Type	BC Profile #
W	W veins	I12*
W	W skarns	K05
W	W porphyry	L07
W*	Sn-Ag veins	H07
W*	Turbidite-hosted Au veins	I03
W*	Sn veins and greisens	I13*
W*	Cu skarns	K01
W*	Pb-Zn skarns	K02
W*	Sn skarns	K06
W*	Mo skarns	K07
W*	Porphry Mo (Low-F-Type)	L05
W*	Porphyry Sn	L06
W*	Porphyry Mo (Climax-type)	L08
wolframite*	Surficial placers	C01
wollastonite	Wollastonite skarns	K09
wollastonite*	Garnet skarns	K08

Y

Commodities	Deposit Type	BC Profile #
Y	Rare element pegmatite - NYF family	O02
Y*	Marine placers	C03

Z

Commodities	Deposit Type	BC Profile #
zircon	Marine placers	C03
zircon*	Surficial placers	C01
zircon*	Buried-channel placers	C02
zircon*	Paleoplacer U-Au-PGE-Sn-Ti-diam-mag-gar-zir	C04*
Zn	Karst-hosted FE, Al, Pb-Zn	B09*
Zn	Kipushi Cu-Pb-Zn	E02
Zn	Mississippi Valley-type Pb-Zn	E12
Zn	Irish-type carbonate-hosted Zn-Pb	E13
Zn	Sedimentary Exhalative Zn-Pb-Ag	E14
Zn	Besshi massive sulphide Cu-Zn	G04
Zn	Noranda /Kuroko massive sulphide Cu-Pb-Zn	G06
Zn	Polymetallic veins Ag-Pb-Zn+G155Au	I05
Zn	Polymetallic mantos Ag-Pb-Zn	J01
Zn	Pb-Zn skarns	K02
Zn	Broken Hill-type Pb-Zn-Ag+Cu	S01
Zn*	Sediment-hosted Cu	E04
Zn*	Carbonate-hosted barite	E10
Zn*	Carbonate-hosted fluorspar	E11
Zn*	Blackbird sediment-hosted Cu-Co	E15
Zn*	Shale-hosted Ni-Zn-Mo-PGE	E16
Zn*	Sedimentary-hosted stratiform barite	E17
Zn*	Carbonate-Hosted, Nonsulphide Zn (Hypogene)	E18
Zn*	Cyprus massive sulphide Cu (Zn)	G05
Zn*	Subaqueous hot spring Au-Ag	G07

Zn*	Epithermal Au-Ag; low sulphidation	H05
Zn*	Sn-Ag veins	H07
Zn*	Alkalic intrusion-associated Au-Ag	H08
Zn*	Vein barite	I10
Zn*	Vein fluorite-barite	I11
Zn*	Manto and stockwork Sn	J02
Zn*	Mn veins and replacements	J03*
Zn*	W skarns	K05
Zn*	Sn skarns	K06
Zn*	Mo skarns	K07
Zr*	Carbonatite-hosted deposits	N01