

Energy, Mines, and Resources

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Mineral Deposit Profiles

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Yukon Mineral Deposit Profiles

YGS Open File 2005-5: Yukon Mineral Deposits Profiles compiled by A. Fonseca and G. Bradshaw ([PDF](#))

Deposit Type	Approximate synonyms	YGS/BCGS/USGS Profile #
<i>Wernecke Breccia deposits</i>		
Wernecke Breccia	Iron oxide breccias & veins \pm P \pm Cu \pm Au \pm Ag \pm U, Olympic Dam type	D07/D07/25i,29b
<i>Mississippi Valley Type deposits</i>		
Mississippi Valley-type Pb-Zn	Southeast Missouri Pb-Zn, Appalachian Zn	E12/E12/32a,b
<i>Sediment Associated deposits</i>		
Sedimentary exhalative Zn-Pb-Ag	Sedex, Sediment-hosted massive sulphide	E14/E14/31a
<i>Volcanic Associated deposits</i>		
Besshi massive sulphide Cu-Zn	Kieslager	G04/G04/24b
Noranda/Kuroko massive sulphide Cu-Pb-Zn		G06/G06/28a
<i>Vein/Breccia Associated deposits</i>		

<u>Epithermal Au-Ag-Cu; high sulphidation</u>	Acid-sulphate, quartz-alunite Au, Nansatsu-type	H04/H04/25d
<u>Epithermal Au-Ag; low sulphidation</u>	Adularia-sericite epithermal	H05/H05/25c
<u>Au-quartz veins</u>	Mesothermal, Motherlode, saddle reefs	I01/I01/36c
<u>Polymetallic veins Ag-Pb-Zn±Au</u>	Felsic intrusion associated Ag-Pb-Zn veins	I05/I05/22c,25b
<u>Cu±Ag quartz veins</u>	Churchill-type vein Cu	I06/I06/?
<u>Stibnite veins and disseminations</u>	Simple and disseminated Sb deposits	I09/I09/27d,27e
<i>Skarn/Replacement Associated deposits</i>		
<u>Polymetallic mantos Ag-Pb-Zn</u>		J01/J01/19a
<u>Cu skarns</u>		K01/K01/18a,b
<u>Pb-Zn skarns</u>		K02/K02/18c
<u>W skarns</u>		K05/K05/14a
<u>Sn skarns</u>		K06/K06/14b
<i>Porphyry/Sheeted Vein Associated deposits</i>		
<u>Plutonic-related Au-quartz veins and veinlets</u>	Fort Knox-type, intrusion-related Au, Tintina Au	L02/I18/--
<u>Alkalic porphyry Cu-Au</u>	Diorite porphyry Cu	L03/L03/--
<u>Porphyry Cu±Mo±Au</u>	Calc-alkaline porphyry	L04/L04/17,20,21a
<u>Porphyry Mo (low F-type)</u>	Calc-alkaline Mo stockwork	L05/L05/21b
<u>Porphyry Sn</u>	Subvolcanic Sn	L06/L06/20a
<u>Porphyry W</u>	Stockwork W-Mo	L07/L07/21c

Ultramafic/Mafic Associated deposits

Podiform chromite

M03/M03/8a,b

Gemstone deposits

Schist-hosted emeralds

Exometamorphic emerald

Q07/Q07/--

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