

Copper deposits and occurrences in the north shore region of Lake Huron, Ontario

Compiled by William N. Pearson, Robert E. Bretzlaff and Janet J. Carrière

The base map on which the copper distribution data are plotted is one of four geological maps released as GSC Open File 690: preliminary geological maps, central Superior Province, Ontario (Sudbury, 411; Blind River, 411), compiled by K.D. Card. (See Open File 690 for explanation of geological units)

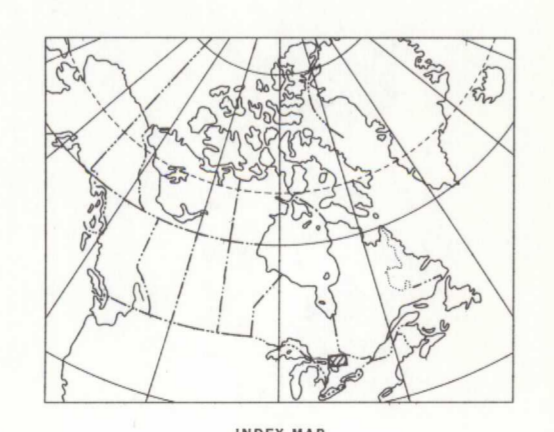
Copper distribution data were compiled from PEARSONFILE which used as its sources the National Mineral Inventory Card File (NMI); geological reports of the Geological Survey of Canada and Ontario Geological Survey and its predecessors; Cu-commodity files of the Geological Survey of Canada; Shkltanka (1969); and personal observations of W.N. Pearson

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 Computer programming, testing and retrievals: R.M. Laramée and J.M. Shaw
 Final layout and editing of Cu-commodity data plotted on maps: J.J. Carrière

This map accompanies GSC Paper 83-28

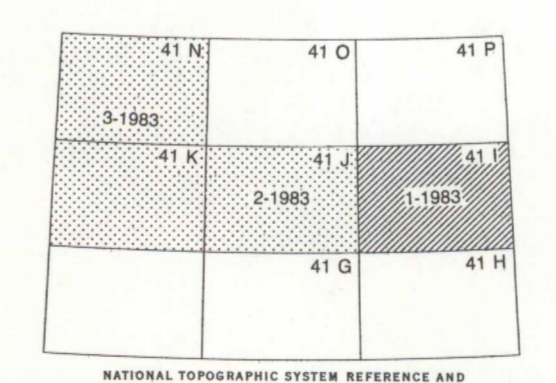
Deposit Type	Agglomeratic Ni-Cu	Exhalative	Cu Sulphide Type in Hot Spots	Skarn	Porphyry	Sedimentary	Vein/Rap/Placemat	Unclassified
1 000 000 - 10 000 000	△	◇	◇	○	□	+	×	
100 000 - 1 000 000	△	◇	◇	○	□	+	×	
10 000 - 100 000	△	◇	◇	○	□	+	×	
1 000 - 10 000	△	◇	◇	○	□	+	×	
0 - 1 000	△	◇	◇	○	□	+	×	

Copies of this map may be obtained from the Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario K1A 0E9, 3303-33rd Street, N.W., Calgary, Alberta T2A 2A7



MAP 1-1983
COPPER DEPOSITS AND OCCURRENCES IN SUDBURY MAP AREA
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 Scale 1:250 000
 Universal Transverse Mercator Projection
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LEGEND: DIAGRAM SHOWING DEPOSIT TYPE VS. TONNES OF METAL

Deposit Type	Agglomeratic Ni-Cu	Exhalative	Cu Sulphide Type in Hot Spots	Skarn	Porphyry	Sedimentary	Vein/Rap/Placemat	Unclassified
1 000 000 - 10 000 000	△	◇	◇	○	□	+	×	
100 000 - 1 000 000	△	◇	◇	○	□	+	×	
10 000 - 100 000	△	◇	◇	○	□	+	×	
1 000 - 10 000	△	◇	◇	○	□	+	×	
0 - 1 000	△	◇	◇	○	□	+	×	

ABBREVIATIONS
 Arsenic AS
 Barium BA
 Bismuth BI
 Cadmium CD
 Cobalt CO
 Copper CU
 Gold AU
 Iridium IR
 Iron FE
 Lead LB
 Manganese MN
 Niobium NB
 Potassium PT
 Palladium PA
 Plutonium PL
 Rhenium RH
 Selenium SE
 Silver SI
 Sodium SO
 Strontium ST
 Tellurium TE
 Thallium TH
 Tin TN
 Vanadium VA
 Vanadium Group Metals VGM
 Uranium UR
 Zinc ZN

MAP 1-1983
 COPPER DEPOSITS AND OCCURRENCES IN SUDBURY MAP AREA
 ONTARIO