









EXPLANATION

Single Occurrences

Groups of occurrences
(Within 3-mile radius)

	Chromite	
	Cobalt	
	Nickel	
	Platinum group metals	

Note: Lode and placer occurrences mentioned in formal reports (other than those which are essentially annual summaries of the mineral industry of Alaska) of the U. S. Geological Survey, U. S. Bureau of Mines, and Alaska Territorial Department of Mines and informal reports of the U. S. Geological Survey which have been released to open files are shown. No reports which have been published since December 31, 1958, have been included. No attempt has been made to evaluate the occurrences on the basis of size; well-explored deposits with large reserves are shown by the same symbol as occurrences which are essentially mineralogical curiosities. Many deposits are complex and contain minerals of commodities other than those shown on this map. A few occurrences are known only from unverified reports, but most have been visited by geologists or engineers of the U. S. Geological Survey, U. S. Bureau of Mines, or Alaska Territorial Department of Mines.

COMMODITY - QUADRANGLE REFERENCE LIST

The following selected references give data on occurrences of chromite, cobalt, nickel, and platinum group metals by quadrangle. The quadrangle boundaries and names used on the map are those selected by the U. S. Geological Survey for topographic mapping in Alaska on a scale of 1:250,000. References selected are to the most complete or most recent descriptions of occurrences.

Abbreviations used: B-U, S. Geological Survey Bulletin; C - U. S. Geological Survey Circular; P - U. S. Geological Survey Professional Paper; RI - U. S. Bureau of Mines Report of Investigations; TDM - Alaska Territorial Department of Mines Pamphlet; U - Unpublished report in files of U. S. Geological Survey (prospect shown with permission of owner; no other data available).

CHROMITE

Ambler River Quad.-----B 536, p. 128
Anchorage Quad.-----B 712, p. 34; RI-4356 p. 3-5.
Big Delta Quad.-----TDM 1, p. 16.
Craig Quad.-----B 947-D, p. 83.
Hagemeister Island Quad.-----B 918, p. 50-52, 56, 61-62, 85-86.
Iditarod Quad.-----C 255,p.18.
Livengood Quad.-----B 712, p. 183; C 335, p. 3; TDM 1, p.17.
Misheguk Mountain Quad.-----TDM 5-R, p. 18.
Mt. Hayes Quad.-----B 943-B, p. 37.
Port Alexander Quad.-----B 936-G, p. 178-187.
Seldovia Quad.-----B 931-G, p.141, 148-152, 156-162, 165-175.
Tanana Quad.-----B 844-D, p. 182, 214, 233 -234, 241.
Valdez Quad.-----U.

COBALT

Craig Quad.-----P 87, p. 49; B 347, p. 105.
Eagle Quad.-----C 316, p. 3.
Juneau Quad.-----RI 3950, p. 8.
Sitka Quad.-----B 947-C, p. 64.
Tanana Quad.-----B 844-D, p. 216.
Valdez Quad.-----B 943-C, p. 56.

NICKEL

Ambler River Quad.-----TDM 3-R, p.18, 24; TDM 5-R, p. 36.
Anchorage Quad.-----B 284, p. 86; B 692, p. 184.
Big Delta Quad.-----TDM 1, p. 18.
Coleen Quad.-----TDM 1, p. 19.
Craig Quad.-----P 87, p. 49; B 347, p. 87,105.
Eagle Quad.-----C 316, p. 3.
Juneau Quad.-----B 936-0, p.354-360; RI 3950, p.3-10.
Livengood Quad.-----B 712, p. 183; TDM 1, p. 18.
McGrath Quad.-----B 714, p. 93.
Mt. Fairweather Quad.-----B 773, p. 95.
Port Alexander Quad.-----B 936-M, p. 324-330.
Seldovia Quad.-----B 587, p. 231.
Seward Quad.-----B 662, p. 206.
Sitka Quad.-----B 692, p.123; B 773, p. 95, 108; B 947-C,
p. 45-59, 62-64.
Valdez Quad.-----B 943-C, p. 52-53, 55-56; U.

PLATINUM GROUP METALS

Anchorage Quad.-----B 773, p. 30; B 797, p. 40.
Candle Quad.-----B 662, p.458; B 692, p. 394-396, 398;
B 857-A, p. 63.
Craig Quad.-----B 714, p.122-124.
Eagle Quad.-----TDM 1, p. 20.
Fairbanks Quad.-----TDM 1, p. 20.
Goodnews Quad.-----B 810, p. 52-53.
Gulkana Quad.-----B 943-B, p. 41.
Hagemeister Island Quad.-----B 918, p.36, 51-52, 56, 70-87;
B 933-A, p. 74.
Karluk Quad.-----B 662, p.23; B 692, p. 316.
Mt. Fairweather Quad.-----B 947-D, p. 71.
Mt. Hayes Quad.-----B 792, p. 33; B 933-A, p. 75; B 943-B,
p.37; B 989-D, p.193.
Ophir Quad.-----B 692, p. 349-350.
Petersburg Quad.-----B 739, p.69; B 947-D, p. 78.
Ruby Quad.-----B 910-A, p. 90.
Russian Mission Quad.-----B 683, p. 59.
Talkeetna Quad.-----B 692, p.33, 246, 258-263; B 714, p. 38.
Talkeetna Mts. Quad.-----B 712, p. 23.
Valdez Quad.-----U.