



EXPLANATION

Geologic Type of Deposit	Size of deposit in short tons: Production plus reserves or resources		
	Greater than 10,000,000	500,000 10,000,000	Less than 500,000
In or closely associated with mafic igneous rocks as sulfide aggregations or in high temperature veins.	○	◦	•
Replacements in limestone: cobaltiferous pyrite in magnetite ore associated with diabase intrusives.	◇	◊	•
Vein or replacements of hydrothermal (?) origin: Sulfides of cobalt commonly associated with Cu, Pb, Zn, Ag, and Au.	◻	◻	•
Concentrations of cobalt oxides, hydroxides, or silicates derived by lateritic weathering; includes nickel-iferous serpentinite and/or garnierite veins.	◊	◊	•

Metal Content of Material	
○	High (greater than 0.5 percent)
◊	Medium
•	Low (less than 0.1 percent)

COBALT IN THE UNITED STATES

(Material compiled up to 1963)

By
J. S. Vhay
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This report is preliminary and has not
been edited for conformity with
Geological Survey standards or
nomenclature.