

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MAP SHOWING DISTRIBUTION OF MINERAL DEPOSITS  
(OTHER THAN ORGANIC FUELS AND CONSTRUCTION MATERIALS)  
IN ALASKA

Compiled by

Edward H. Cobb, Cynthia Dusel-Bacon, Edward M. MacKevett, Jr.  
and Henry C. Berg

Open-file report

77-496

This report is preliminary  
and has not been edited or  
reviewed for conformity with  
Geological Survey standards

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*Menlo Park, California  
June 1977*

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INTRODUCTION

This map indicates the locations of deposits of metallic and selected nonmetallic minerals in Alaska. Each deposit or group of deposits in an area 6 miles (9.6 kilometers) in diameter is indicated by a numbered circle on the map. A table, keyed by numbers to the circles on the map, lists the mineral commodities in each circular area. This map does not include organic fuels (coal, oil, gas, oil shale) or construction materials (sand and gravel, rock suitable for riprap or road metal, building stone, cement materials, and the like). For purposes of ease in numbering circles, we have divided Alaska into the regions shown on Fig. 6 of Geological Survey Circular 732 (Cobb, E. H., ed., 1976, The United States Geological Survey in Alaska; Organization and status of programs in 1976) and indicated by dashed lines on this map.

Following the table is a section of references given in standard bibliographic format. The first subdivision, headed "Statewide," lists selected reports and maps that deal with the mineral resources of Alaska as a whole. The other subdivisions list for each region the sources of data (published or in open files as of May 17, 1977) used to compile this map and table. In Southwestern Alaska data from a map being prepared by MacKevett were also used.

TABLE SHOWING MINERAL COMMODITIES FOR INDIVIDUAL LOCALITIES

NORTHERN ALASKA REGION

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
1																								
2											x													x barite
3					x																			
4					x																			
5					x																			
6					x			x																
7								x																
8								x	x															
9								x																
10								x																x barite
11									x															
12									x															
13									x															
14									x															
15								x						x										
16								x																
17								x																
18								x																
19								x																
20								x																
21								x			x													fluorite
22																	x							phosphate
23																							x	phosphate
24	x							x											x					
25								x	x															
26									x															
27								x																
28								x	x		x			x					x					x
29								x	x		x													
30								x																x
31										x														
32															x									asbestos, jade
33								x			x													asbestos, jade
34																								asbestos
35								x	x											x				asbestos, jade
36								x	x	x	x									x				x asbestos
37								x	x		x									x				x
38								x	x		x									x				x
39								x	x		x									x				x

NORTHERN ALASKA REGION (Continued)

Th, U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
40								x																x	
41								x	x										x						x
42								x			x														x
43																			x						
44									x																
45									x			x							x						
46								x	x		x								x						x
47									x										x						
48									x																
49									x																
50									x																
51									x																
52								x																	x
53									x				x						x						fluorite
54	x							x	x										x						
55								x																	
56																			x				x		fluorite, phosphate
57																			x				x		fluorite, phosphate
58																							x		fluorite, phosphate
59																									fluorite, phosphate
60								x																	
61								x			x														x
62								x																	
63																			x						phosphate
64								x																	
65																			x						phosphate
66								x																	
67								x																	
68																			x						phosphate
69																									phosphate
70								x																	
71																						x			
72								x			x											x	x	x	
73																									phosphate
74														x											phosphate
75								x			x														fluorite
76									x					x					x						fluorite
77								x																	
78																			x						

NORTHERN ALASKA REGION (Continued)

Th, U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
79																								
80								X																
81								X																
82																		X						
83												X												
84								X		X													X	

WEST-CENTRAL ALASKA REGION

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc		
1											x															
2								x																		
3								x			x			x												
4								x						x				x								
5								x			x														x	
6											x														x	
7											x														x	
8						x											x		x			x	x	x	x	fluorite
9					x				x													x	x			
10									x													x				fluorite
11	x	x	x					x	x		x			x			x	x			x	x		x	fluorite	
12	x	x	x					x			x						x	x			x	x		x	fluorite	
13											x											x	x		x	fluorite
14	x	x						x	x		x		x				x	x			x	x		x	fluorite	
15									x																	
16									x																	
17									x																	
18									x				x													
19									x				x													
20									x				x			x								x		
21									x																	
22																										garnet
23																										graphite
24																										fluorite
25									x																	
26									x																	
27									x																	
28									x																	
29								x	x																	
30									x															x		
31					x				x																	fluorite
32								x	x																	
33	x							x	x		x			x								x	x			
34	x		x						x														x	x		
35	x		x					x	x		x	x						x					x		x	barite, fluorite
36									x																	
37									x	x	x	x													x	
38	x							x	x		x							x						x	x	
39	x							x	x		x													x		

WEST-CENTRAL ALASKA (Continued)

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
40	x							x	x															
41	x							x	x	x				x				x			x	x		x
42	x							x	x									x			x	x		x
43			x					x	x												x	x		
44								x	x	x								x				x		
45										x									x			x		x graphite
46																						x		
47																								fluorite
48								x	x				x											
49								x		x														
50								x																
51									x												x	x		
52									x	x								x			x	x		
53								x	x															
54									x															
55									x															
56									x	x		x					x	x			x			
57									x															
58																								diatomite
59									x															
60									x															
61									x															
62									x															
63									x	x		x										x		
64									x															
65								x		x								x						x mica
66								x																
67																								mica
68									x									x						
69									x															
70	x								x													x		
71								x	x															
72									x				x											
73								x	x	x		x						x						
74								x	x	x								x						x
75								x	x															
76									x															
77								x	x															
78									x															



WEST-CENTRAL ALASKA REGION (Continued)

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
79								x																	
80								x																	
81								x		x		x													
82								x																	
83																									mica
84								x																	
85								x	x																
86								x																	
87								x																	
88	x							x										x				x			
89								x	x									x				x			
90								x																	
91								x																	
92								x	x				x					x					x		
93																	x						x		
94																	x						x		
95								x																	
96																						x			
97								x									x						x		
98								x									x					x	x		
99								x									x								
100									x																
101									x									x				x			
102	x							x	x		x							x				x		x	
103											x			x											x fluorite
104								x	x									x							
105											x							x							
106									x														x		kyanite
107									x																
108									x		x							x							x
109									x				x									x			
110									x		x	x						x				x			x
111																							x		
112									x				x												
113									x																
114									x																
115									x	x		x						x	x						
116									x	x		x		x											
117																		x							

WEST CENTRAL ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
118									x																
119																									fluorite
120											x													x	
121																	x								
122																	x					x			
123																	x								
124									x		x							x						x	
125									x		x					x	x	x				x		x	fluorite
126								x	x		x					x	x	x						x	
127		x			x			x	x		x			x			x	x				x		x	corundum, fluorite
128									x		x					x	x	x							
129									x								x								
130						x			x							x									
131									x																
132																						x			
133																							x		
134	x		x						x														x		
135	x																								
136								x			x							x							
137									x																
138									x		x														asbestos, jade
139				x	x			x	x									x							asbestos, jade
140									x																asbestos, jade
141								x											x						
142												x													
143									x																
144								x	x										x						
145								x	x					x					x						
146								x												x					
147									x					x		x						x			
148								x			x														
149									x																
150									x																
151									x																x
152									x																
153								x	x					x											x
154									x		x														x
155									x																
156									x													x			

WEST-CENTRAL ALASKA REGION (Continued)

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
157									x																
158									x																
159									x																
160									x																
161									x																
162									x								x					x			
163									x													x			
164									x													x			
165									x							x	x					x	x		
166									x													x			
167			x					x	x		x						x					x	x		
168									x		x							x				x			
169			x						x													x			
170											x							x							
171									x																
172									x																
173														x											
174	x												x												
175									x				x												
176									x				x												
177	x												x												
178	x								x				x					x				x	x		
179									x				x				x					x			
180	x				x				x				x				x					x	x		
181	x				x	x		x	x		x		x				x	x				x	x	x	
182					x				x				x										x		
183	x		x						x														x		
184								x	x				x		x								x		
185													x												
186	x								x																
187									x														x		
188									x																
189									x				x												
190									x				x			x						x			
191									x																
192									x																
193	x												x												
194									x																
195		x						x	x								x	x				x	x		

WEST-CENTRAL ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
196									X															
197												X												
198													X											
199								X							X									
200									X										X					fluorite
201								X			X								X					X
202								X																X
203								X			X													X
204								X	X		X								X					X
205								X																X

EAST-CENTRAL ALASKA REGION

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
1								x																	
2											x														
3	x																								
4									x																
5								x																	
6								x			x														
7								x	x		x													x	
8								x	x		x														
9								x																	
10								x	x		x														
11	x		x					x	x													x			
12								x	x		x						x					x			
13									x		x							x							
14									x																
15									x																
16									x																
17											x							x						x	
18			x					x	x		x		x				x				x	x			
19									x																
20									x																
21									x																
22								x	x									x							
23									x																
24											x														
25								x																	
26								x			x														
27								x																	
28								x																	
29	x							x	x		x							x							
30								x	x																
31									x																
32								x	x		x				x										
33									x																
34									x																
35									x																
36								x							x										
37								x																	
38	x								x																
39									x																

EAST-CENTRAL ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
40								x	x									x						x	
41								x	x																
42								x	x																
43								x				x													
44								x				x							x						x
45								x																	
46								x	x			x							x						
47								x						x					x						x
48								x						x	x			x							
49								x	x				x												
50								x	x																
51								x	x																
52								x	x																
53								x																	
54								x						x											x
55								x																	
56	x							x	x		x			x			x	x					x	x	
57								x											x						
58																									barite
59																			x						barite
60																			x						
61																			x						
62																			x	x					
63															x										
64								x			x											x			
65								x											x						
66								x			x								x			x			
67								x	x																
68					x		x	x			x								x	x		x			
69					x		x	x											x	x		x			
70						x		x	x		x								x	x					
71								x			x		x									x	x		
72	x							x			x		x						x			x	x		
73												x													
74			x					x											x						
75		x		x				x	x		x	x	x						x			x	x		
76	x							x																	
77	x							x					x									x	x		
78								x			x		x									x	x		

EAST-CENTRAL ALASKA REGION (Continued)

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
79	x																							
80											x							x						
81									x															
82									x															
83									x															
84	x							x	x		x		x			x		x			x	x		x
85	x		x					x	x				x			x		x			x	x		x
86									x															
87	x							x	x									x						x
88									x				x										x	
89									x													x		
90								x	x									x						x
91	x							x	x		x							x			x	x		x
92									x															
93	x							x	x		x	x						x			x	x		
94	x							x	x		x	x						x			x	x		x
95	x								x		x							x			x	x		
96	x								x															
97	x		x						x					x								x	x	
98	x		x						x					x								x	x	
99						x			x						x								x	
100	x				x		x		x				x	x	x		x	x				x	x	
101									x															
102						x																		asbestos
103									x															
104									x								x					x		
105	x								x													x		
106	x							x	x		x			x									x	
107									x									x				x		
108								x	x		x			x								x	x	
109									x									x					x	
110									x															
111									x														x	
112									x		x		x									x	x	
113			x						x									x				x	x	x
114									x															
115									x													x	x	
116									x															
117									x															x

EAST-CENTRAL ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
118									x															
119									x												x			
120				x											x						x	x		
121									x															
122									x										x					
123									x	x									x		x	x		
124									x										x					
125									x															
126	x							x	x					x					x					
127														x										
128																								asbestos
129									x										x					
130	x							x	x	x		x							x					
131								x	x	x								x	x					
132									x							x	x							
133									x										x					
134								x																
135									x							x								
136										x														
137									x															
138									x															
139									x			x				x								
140									x	x						x			x		x			
141									x															
142								x	x						x	x								
143				x					x															asbestos
144									x															
145																								asbestos
146									x															
147																			x					asbestos
148										x														asbestos
149									x												x			
150									x															
151									x															
152									x												x	x		
153								x	x	x		x				x	x				x	x		
154									x	x		x												
155									x															fluorite
156									x															



EAST-CENTRAL ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
157									x															
158									x		x		x											
159									x															
160									x															
161									x				x								x	x		
162									x												x			
163									x															
164									x															
165									x															
166	x								x															
167								x																
168								x						x										
169									x															
170									x															
171									x															

SOUTHERN ALASKA REGION

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
1								x	x		x													x
2								x	x										x					x
3	x							x	x										x			x		x
4											x								x					
5	x							x	x		x								x					x
6									x															
7	x							x	x		x	x							x			x		x
8	x							x	x		x								x			x		x
9	x							x	x		x								x					x
10								x	x		x								x					x
11								x	x	x	x								x					x
12								x			x													x
13									x															
14	x							x			x		x											x
15	x																							
16								x	x					x					x					
17					x																			
18					x			x						x										
19					x										x									
20		x						x	x		x						x	x		x				x
21	x										x								x					x
22								x																
23								x	x		x								x			x		x
24								x	x										x					
25								x	x										x			x		x
26									x															
27									x															
28									x															
29																					x			
30									x										x					
31									x															
32								x	x										x			x		
33									x							x					x			
34									x	x					x	x	x				x	x		
35								x	x												x	x		
36								x	x										x		x	x		
37									x															
38									x															
39									x															

SOUTHERN ALASKA REGION (Continued)

Th, U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths,	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
40								x						x											
41									x																
42								x	x	x									x						
43								x																	
44									x																
45									x																
46								x	x																
47									x																
48									x																
49									x																
50									x																
51									x																
52								x	x										x						
53									x																
54									x																
55									x					x											
56									x																
57									x																
58									x	x									x						
59	x							x	x	x				x					x					x	
60			x					x	x																
61									x																
62									x																
63								x	x						x										
64	x								x																
65									x						x										
66									x		x														x
67			x		x			x	x		x			x	x	x									x
68	x				x			x	x						x										x
69									x																
70									x	x				x	x										
71									x	x					x										
72	x								x	x	x														x
73									x																
74									x																
75									x																
76									x																
77									x																
78									x																

SOUTHERN ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
79									x															
80	x							x											x					
81								x											x					
82								x																
83									x															
84								x																
85								x																
86								x																
87								x	x					x										
88								x																
89								x											x					x
90								x																
91	x							x	x		x													x
92	x							x	x		x								x					
93	x							x	x		x								x					x
94									x															
95									x															
96								x																
97									x															
98								x																
99									x															
100								x	x	x				x					x					
101								x	x										x					
102									x															
103								x	x										x					
104								x	x		x								x					
105								x	x															
106								x						x										
107								x		x														
108								x	x	x									x					
109								x	x															
110								x																
111								x																
112									x															
113								x											x					
114								x											x					
115									x															
116						x			x													x		x
117								x	x		x								x					

SOUTHERN ALASKA REGION (Continued)

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
118					x			x	x																
119								x	x		x								x						asbestos
120								x	x	x						x			x					x	
121					x			x	x		x								x					x	asbestos
122	x								x																
123									x					x											
124									x								x								
125								x	x																
126									x		x														
127									x																
128											x									x					
129									x																
130								x	x		x								x						asbestos
131								x	x	x			x			x			x			x			
132									x																
133					x			x	x		x					x			x						
134									x																
135									x																
136					x			x	x							x			x						
137									x																
138									x																
139								x	x																
140								x			x														barite
141								x			x														
142			x					x	x		x			x										x	barite
143									x																
144								x																	jade
145								x	x																
146									x																
147									x																
148									x																
149									x					x											corundum
150									x		x													x	
151									x																
152								x																	
153									x																
154									x																
155								x	x	x															
156								x																	

SOUTHERN ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
157								x																
158								x	x		x			x				x						x
159						x		x	x															
160								x																
161								x			x								x					x
162								x	x		x								x					x
163								x	x		x			x					x					x
164								x																
165									x															
166								x											x					
167								x																
168								x	x		x								x					x
169								x	x					x					x					
170								x																
171								x	x										x					
172								x	x										x					
173								x	x		x								x					
174								x	x															
175								x																
176								x																
177								x																
178								x	x										x					
179								x																
180								x											x					
181										x														
182								x			x								x					x
183									x															
184									x															
185								x																
186								x	x					x					x					
187									x															
188														x					x					
189								x	x										x					
190								x						x					x					
191								x											x					
192								x	x										x					
193								x	x					x					x					
194								x											x					
195								x																

SOUTHERN ALASKA REGION (Continued)

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
196								x										x							
197								x		x								x							
198								x						x											
199								x	x		x			x				x						x	
200								x	x																
201								x			x							x						x	
202								x	x									x							
203								x	x					x				x							
204								x	x	x				x				x							
205								x	x																
206									x																
207								x																	
208									x																
209	x							x	x									x				x		x	
210								x	x									x							
211									x																
212									x																
213									x																
214								x	x		x														
215									x																
216											x								x					x	
217						x		x			x				x	x		x						x	
218								x																	
219								x			x			x				x							
220									x		x			x				x						x	
221									x																
222									x																
223								x	x															x	
224						x									x	x									
225									x																
226								x	x						x	x									
227									x													x			
228									x																
229									x																
230									x		x							x				x		x	
231								x	x		x													x	
232									x																
233									x																
234									x																

SOUTHERN ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
235									x															
236									x															
237									x															
238																								silica sand
239									x															
240									x							x								zeolites
241					x																			
242								x																
243								x	x															gypsum
244									x							x								zeolites
245									x															
246									x															
247									x															
248								x	x															
249									x															
250									x															
251								x	x										x					
252									x															
253									x															
254									x										x				x	
255									x							x								
256								x	x		x													
257									x															
258									x															
259					x			x			x													x
260					x			x	x				x											
261									x															
262								x	x		x		x						x			x		x
263					x											x								
264									x															
265									x															
266									x															
267									x															
268								x	x															
269								x	x															
270									x										x					
271								x	x										x					x
272								x	x										x					
273								x	x					x										



SOUTHERN ALASKA REGION (Continued)

Th, U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths,	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
274								x	x		x							x	x					x	
275								x	x										x				x		soapstone
276								x	x		x		x	x				x	x			x		x	
277								x	x										x						
278									x																
279									x																
280										x															
281									x																
282									x																
283									x							x	x								
284									x							x	x								
285									x																
286									x							x									
287									x																
288								x	x											x					
289									x																
290																	x								
291									x																
292								x	x		x						x	x							
293																	x								
294								x	x										x						
295									x																
296														x	x										
297														x											
298									x																
299									x																
300									x																
301									x																
302									x																
303									x																
304									x																
305																									diatomite
306									x																
307										x															
308																									zeolites
309									x																
310									x																
311					x																				
312								x	x									x							x

SOUTHERN ALASKA REGION (Continued)

U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
313				x											x									
314								x	x															x
315									x															
316								x	x		x								x					x
317								x	x		x								x					x
318								x	x		x								x					x
319								x	x															
320									x															
321									x															
322									x															
323								x																x
324								x																x
325				x				x		x					x									
326								x	x		x													x
327								x	x															x
328								x	x		x													x
329									x															
330									x															
331	x							x	x		x													x
332								x	x		x													x
333								x	x		x								x					x
334	x								x															
335									x															
336									x															
337									x															
338									x															
339								x	x		x			x					x					x
340									x															
341									x															
342								x	x		x													x
343								x	x		x											x		x
344									x				x											
345									x											x				
346								x	x		x													x
347								x	x		x									x				x
348									x		x													x
349								x	x														x	
350								x	x										x				x	
351								x	x		x													

SOUTHERN ALASKA REGION (Continued)

Th, U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths,	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
352								x		x					x		x								
353								x																	
354								x																	
355								x	x	x			x					x						x	
356								x	x	x								x						x	
357								x		x														x	
358								x	x										x						
359								x	x															x	
360	x							x	x	x									x					x	
361	x							x	x	x														x	
362	x							x	x	x									x					x	
363								x	x	x									x					x	
364								x																	
365								x	x	x															
366								x	x	x														x	
367								x		x														x	
368								x	x	x														x	
369								x	x	x														x	
370								x																	
371								x		x									x					x	
372								x	x										x						
373								x	x															x	
374								x	x	x									x					x	
375								x											x					x	
376								x	x															x	
377								x																x	
378								x	x										x					x	
379								x											x					x	
380								x	x										x					x	
381								x	x										x					x	
382								x	x										x					x	
383								x																	
384								x																	
385								x	x					x					x						
386								x	x	x														x	
387	x							x	x	x														x	
388	x							x	x	x									x					x	
389								x																	
390								x	x	x														x	

SOUTHERN ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
391								x	x		x							x						x	
392									x													x			
393								x	x									x				x			
394								x	x		x							x						x	
395								x	x		x													x	
396								x	x		x							x						x	
397								x	x		x							x						x	
398								x																	
399								x	x															x	
400								x																	
401									x																
402									x																
403								x	x									x							
404								x																	
405									x																
406									x																
407									x																
408								x																	
409					x				x									x							
410					x			x	x									x							
411					x				x								x								
412									x																
413									x																
414									x																
415									x																
416									x																
417									x																
518									x																
419									x	x														x	
420									x	x														x	
421					x					x															
422										x															

SOUTHWESTERN ALASKA REGION

Th, U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths,	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
1								x	x		x			x		x		x						
2									x				x									x		
3									x															
4									x															
5									x				x			x			x					
6								x	x							x			x					
7									x															
8									x															
9								x	x															
10									x				x											
11								x						x										
12	x								x				x											
13									x															
14	x								x															
15									x															
16									x															
17	x												x											x
18									x															
19									x				x								x	x		
20	x								x									x				x		
21									x															
22									x															
23									x															
24													x											
25								x	x	x							x	x			x	x		x
26	x													x							x	x		x
27	x												x											
28									x				x											
29									x				x											
30									x															
31	x												x											
32	x								x				x											
33													x											
34														x										
35								x	x		x			x										x
36								x			x													x
37	x							x																x
38								x	x		x													x
39								x	x		x													x

SOUTHWESTERN ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
40								x			x							x						x	
41								x	x					x										x	x
42								x	x		x													x	x
43									x																
44								x																	
45											x								x						x
46											x			x											x
47								x	x					x											x
48								x						x											
49														x											
50									x																
51								x			x														x
52								x																	x
53									x																
54								x	x		x			x											x
55								x			x			x					x						x
56								x	x		x														
57								x	x																
58								x	x					x											x
59								x			x			x					x		x				x
60								x		x	x			x					x						x
61								x			x			x					x						x
62								x		x															
63										x															
64								x	x	x									x						
65								x		x															
66										x	x														x
67										x															
68								x	x	x															
69								x	x	x									x						
70								x	x																
71								x	x																
72									x					x											
73								x	x	x	x			x					x						x
74								x	x										x						
75								x	x										x						
76									x										x						
77										x															
78									x																

SOUTHWESTERN ALASKA REGION (Continued)

Th, U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths,	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
79										x														
80									x															
81													x											
82									x															
83														x										
84								x																
85									x															
86	x												x											
87									x															
88									x				x											
89									x															
90								x																x
91									x							x								
92									x															
93									x							x								
94									x															
95					x				x				x			x								
96				x			x	x								x								
97				x																				
98									x															
99									x															
100									x															
101					x																			
102									x															
103									x															
104									x	x														
105								x	x										x					
106	x								x		x			x										
107								x	x											x				
108									x											x				
109									x															
110									x															
111									x															
112									x															
113									x															
114								x	x		x									x				x
115								x														x		
116									x											x				
117									x															

SOUTHWESTERN ALASKA REGION (Continued)

Th, U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
118									x															
119									x															
120									x		x													
121									x															
122									x															
123							x																	
124									x															
125									x															
126				x			x									x								
127				x					x							x								
128									x															
129									x	x														
130									x		x							x						x
131							x							x										
132								x			x													x
133								x			x			x										x
134																								sulfur
135									x															
136									x	x														
137							x							x										
138								x																
139									x															
140								x	x		x							x						x
141										x														
142																								sulfur
143			x					x	x		x							x						x
144								x	x															
145									x															
146																								sulfur
147																								sulfur



SOUTHEASTERN ALASKA REGION

Th, U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths,	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc
1								x	x															x
2								x	x		x								x					x
3														x			x							
4								x																
5								x		x														
6								x																
7								x		x						x							x	
8								x	x		x													x
9								x			x								x					x
10								x	x		x								x					x
11														x										
12				x							x								x					x
13								x	x															
14								x																
15								x	x													x		
16					x			x							x	x								
17									x								x							
18									x								x							
19								x	x															
20								x		x														
21								x												x				
22								x	x															
23								x		x				x						x				
24										x				x										
25								x			x			x										x
26								x	x					x										
27				x				x	x					x										x
28						x		x									x							
29								x		x														
30								x	x		x													x
31								x												x				x
32				x		x		x						x						x				x
33								x																
34								x	x		x			x						x				x
35				x				x	x		x													x
36									x															
37																x								
38								x																
39						x		x							x									

barite

SOUTHEASTERN ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
40										x															
41								x	x							x									
42								x		x															
43									x					x											
44									x																
45								x		x															
46								x						x											asbestos
47								x	x									x							
48								x																	
49	x							x	x	x								x							
50								x		x															x
51								x	x								x	x							
52								x	x		x						x	x							
53									x		x														
54								x	x		x														x
55								x	x		x														x
56									x		x														
57								x	x		x														x
58													x					x							
59								x	x		x							x							x
60	x							x	x		x							x							x
61								x	x		x														x
62								x	x		x														x
63								x	x		x		x					x			x				x
64																	x								
65									x		x														x
66								x	x		x							x							x
67						x		x	x		x			x				x						x	asbestos
68											x							x							x
69									x																
70								x	x		x				x			x				x			x
71									x	x															
72								x	x					x				x							
73								x	x		x							x							x
74									x		x														x
75								x	x									x							
76								x	x		x							x							x
77								x																	
78								x	x		x							x							x

SOUTHEASTERN ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
79								x																	
80								x						x											
81									x																
82								x																	
83								x																	
84								x						x											
85				x				x																	
86				x	x	x		x		x				x				x							
87								x	x									x							
88																	x					x			
89				x																			x		
90				x																					
91																									barite
92																			x				x		barite
93								x	x					x											
94								x	x					x					x						
95								x																	
96								x	x		x													x	
97								x						x	x									x	
98																									gypsum
99				x										x											
100								x	x																
101								x	x		x	x												x	
102								x	x										x					x	
103								x	x	x															
104								x	x		x								x					x	
105								x	x		x								x					x	
106								x	x										x					x	
107								x	x		x								x					x	
108								x	x		x													x	
109									x																
110	x								x															x	
111								x																	
112								x																	
113								x																	
114								x	x		x													x	
115								x	x		x								x						
116								x	x							x			x					x	
117								x			x								x					x	

SOUTHEASTERN ALASKA REGION (Continued)

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
118								X		X								X						X	
119							X							X											X
120																									mica
121										X															X
122																									X
123											X														
124							X																		X
125				X	X		X							X	X										
126							X	X	X	X			X								X				X
127							X									X									
128							X	X		X								X							X
129								X		X								X							X barite
130								X																	
131								X																	
132							X	X	X	X			X					X							X fluorite
133							X		X																
134														X											
135							X		X																
136							X	X		X								X							X
137							X	X		X				X				X				X			X
138							X	X		X				X				X				X			X
139							X	X		X				X		X	X					X			X
140							X	X						X											X
141																									garnet, mica
142							X	X										X							
143								X		X								X							X
144																									X
145							X	X		X								X							X
146							X	X		X								X							X
147			X				X	X		X								X							X
148	X						X	X		X								X							
149							X	X		X								X							X
150							X	X		X								X							
151										X															
152				X			X		X					X											
153										X															
154				X			X								X										
155							X	X		X								X							
156							X	X										X							X

SOUTHEASTERN ALASKA REGION (Continued)

Th, U

Map number	Antimony	Beryllium	Bismuth	Cadmium	Chromite	Cobalt	Columbium	Copper	Gold	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Platinum gp.	Rare earths, Th, U	Silver	Tantalum	Tellurium	Tin	Tungsten	Vanadium	Zinc	
157								x		x				x											
158								x	x																
159	x																								
160								x	x		x								x						
161					x					x						x									
162								x	x										x						
163								x	x	x				x					x						
164								x	x	x				x					x						
165						x		x	x	x	x					x			x			x		x	
166								x																	
167								x																	
168								x	x										x					x	
169								x	x		x								x					x	
170								x	x		x								x					x	
171								x	x		x								x					x	
172								x	x		x								x					x	
173								x	x		x								x					x	
174	x						x		x		x							x							
175								x	x	x	x							x	x						
176								x						x											
177								x		x															
178								x																	
179								x	x		x								x					x	
180						x		x	x	x	x			x					x					x	
181								x	x	x	x													x	
182								x	x		x								x						
183								x	x										x						
184								x	x		x								x					x	
185								x	x		x								x					x	
186								x																	
187								x																	x
188								x						x											
189								x																	
190								x			x			x											x
191										x															
192								x																	
193								x	x		x														
194								x	x		x														x
195								x						x											
196														x											

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