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

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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

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													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						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	

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								

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																
82																		x						
83												x												
84								x			x													x

WEST-CENTRAL ALASKA REGION

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	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													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)

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	
43			x						x																
44								x	x		x							x				x			
45											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)

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			x				
148								x			x							x							
149									x																
150									x																
151									x															x	
152									x																
153								x	x					x				x						x	
154									x		x							x						x	
155									x																
156									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
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		

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					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	

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						x	
41								x																	
42								x																	
43								x			x							x						x	
44								x																	
45								x																	
46									x		x							x							
47								x						x										x	
48								x							x	x		x							
49								x	x				x												
50									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								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			

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	
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	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												x				
119									x												x	x			
120					x										x										
121									x																
122									x									x							
123									x		x							x			x	x			
124									x																
125									x																
126	x							x	x					x				x							
127														x											
128																									asbestos
129									x									x							
130	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								x								
142								x	x						x		x								
143					x				x																asbestos
144									x																
145																									asbestos
146									x								x								
147																									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																

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															
163									x															
164									x															
165									x															
166	x								x															
167								x																
168								x						x										
169									x															
170									x															
171									x															

SOUTHERN ALASKA REGION

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															

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															
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									x						
63					x			x	x						x			x						
64	x								x															
65					x			x							x									
66								x			x							x			x			x
67			x		x			x	x		x			x	x	x		x			x			x
68	x				x			x	x						x			x						x
69									x															
70								x	x			x		x	x									
71								x	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)

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			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									x							
140								x			x							x							barite
141								x			x							x							
142			x					x	x		x			x				x						x	barite
143									x									x							
144								x																	jade
145								x	x																
146									x																
147									x																
148									x									x							
149									x					x				x							corundum
150									x		x							x						x	
151									x																
152								x																	
153								x																	
154								x																	
155								x	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)

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				x															
226					x			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															

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											

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	
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											
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)

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													

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
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				x	
420									x	x									x				x	
421					x					x									x					
422										x									x					

Map number	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Antimony			x					x	x				x	x						x			x			x		x											
Beryllium																																							
Bismuth																																							
Cadmium																																							
Chromite																																							
Cobalt																																							
Columbium																																							
Copper	x	x	x	x	x										x														x		x			x					x
Gold	x	x			x			x		x	x	x			x		x	x	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x
Iron															x																								
Lead	x	x		x	x																																		x
Manganese																																							
Mercury							x	x	x		x	x	x			x					x		x					x		x					x			x		
Molybdenum					x	x								x																									x
Nickel																																							
Platinum gp.																																		x	x				x
Rare earths, Th, U															x																								
Silver															x					x														x	x				x
Tantalum																																							
Tellurium																																							
Tin															x						x																		
Tungsten															x					x	x																		x
Vanadium																																							
Zinc	x	x	x	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						x
41								x	x					x										x
42								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															
77										x														
78									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
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															

SOUTHEASTERN ALASKA REGION

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	
2								x	x		x							x						x	
3														x			x								
4								x																	
5								x		x															
6								x																	
7								x		x						x			x				x		
8								x	x		x													x	
9								x			x							x						x	barite
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						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	x						x	
36									x							x									
37									x																
38								x																	
39						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	
118									x																
119									x																
120									x		x														
121									x																
122									x									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 (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																				
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	
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	

Map number	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196
Antimony			x																																					
Beryllium																		x																						
Bismuth																																								
Cadmium																																								
Chromite					x																																			
Cobalt									x															x																
Columbium																		x																						
Copper	x	x		x		x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Gold		x		x		x	x	x	x			x	x	x	x	x	x	x	x				x	x	x	x	x	x	x					x		x	x			
Iron	x				x		x	x	x										x		x			x	x				x											
Lead				x					x				x	x	x	x	x	x	x				x	x	x	x		x	x					x		x	x	x		
Manganese																																								
Mercury																																								
Molybdenum	x						x	x												x				x							x			x					x	x
Nickel																																								
Platinum gp.					x				x																															
Rare earths, Th, U																		x	x																					
Silver				x		x	x	x	x			x	x	x	x	x	x		x				x	x		x	x	x	x					x		x	x	x		
Tantalum																																								
Tellurium																																								
Tin																																								
Tungsten									x																															
Vanadium																																								
Zinc									x			x	x	x	x	x	x						x	x	x		x	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	
118									x		x							x						x	
119								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	

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