ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

ALASKA'S MINERAL RESOURCES - 2013

MISCELLANEOUS PUBLICATION 152

FREEMAN, 2014

SELECTED MINERAL PROSPECTS

ID	Name	Commodities
1	Bonanza Hills	Ag, Cu, Pb, Au
2	Nim and Nimbus	Au, Ag, Cu, Zn, Mo, As
3	Denali	Cu, Ag
4	Stranglewoman Creek	Barite
5	Stop Mountain	Pb, Zn
6	Quartz Hill	Mo
7	Bear Mountain	Mo, W
8	Cirque, Tolstoi	Cu, Ag, Sn, W
9	Reef Ridge	Zn, Pb
10	Roy Creek, Mount Prindle	U, Th
11	Table Mountain	Au, Sn, Be, W
12	Anderson Mountain	Cu, Pb, Zn, Ag
13	Dry Creek - WTF	Cu, Pb, Zn, Ag, Au
14	Shumagin	Au, Ag
15	Bee Creek	Cu, Au, Mo
16	Fog Lake	Au, Cu, Ag
17	Kasna Creek	Cu, Au, Ag, Fe
18	Johnson Prospect	Au, Zn, Cu, Pb
19	Bowser Creek	Ag, Pb, Zn
20	Chip-Loy	Ni, Co, Cu
21	Tin Creek	Pb, Zn, Cu
22	Coal Creek	Sn, Ag, W, Zn
23	Zackley	Au, Cu, Ag
24	Chistochina District	Pb, Cu, Ag, Au
25	Baultoff,Horsfeld, Carl Creek	Cu, Mo
26	Halibut Bay	Cr, Cu
27	Bernard Mountain, Dust Mountain	Cr
28	Centennial	Au, Cu
29	Siniktanneyak Mountain	Cr, Ni, PGE
30	Rapid River	U, Mo, Sn, Pb, Zn
31	Caribou Mountain, Holonada	Cr
32	Mount Schwatka	Pb, Zn, Ag
33	Big Windy	Au?
34	Flume Creek	Au
35	Cosna Dome	Sn
36	Hayes Glacier	Cu, Mo, Au
37	Kougarok	Sn, Ta, Nb
38	Sea Otter Mountain	Sn, Cu, Ag, Pb, Zn
39	Potato Mountain	Sn
40	Cape Mountain	Sn, W
41	Rock Creek	Au
42	Death Valley	U
43	Drenchwater	Zn, Pb, Ag
44	Iyikrok Mountain	Cr, PGE
45	Nimiuktuk	Ba
46	Kivlikfort Mountain	Cu, Pb, Zn, Ag
47	Avan	Cr, PGE
48	Misheguk Mountain	Cr, PGE
49	Povoorkpuk Mountain, West Cape	Cu
50	Ohio Creek	Sn, Ag, As
51	Mike	Mo, Au, Ag, Pb, Zn
52	Rex	Cu, Au
53	Makushin	Au, Ag, As, Hg
54	Cape Kgunak	Au
55	Beluga	Coal
56	Bering River	Coal
57	Brady Glacier	Cu, Ni, PGE
58	Yakobi Island - Bohemia Basin	Ni, Cu
59	Sithylemenkat	Sn
60	Wiseman	Au, Sb, Ag, Cu, Pb, Zn
61	Indian Mountain	Cu, Mo
62	Hogatza	Cu, Mo
63	Slate Creek	Asbestos
64	Kantishna District	Sb, Au, Ag
65	Dry Creek - Red Mountain	Cu, Pb, Zn, Ag, Au
66	Mount Eielson	Zn, Pb, Cu, Ag
67	Purkeypile	Ag, Pb, Au, Cu
68	Kemuk Mountain	Fe, Ti, PGE
69	Orange Hill, Bond Creek	Cu, Mo
70	Nabesna Glacier	Cu, Zn, Au
71	Windy Craggy	Pb, Zn, Ag, Cu
72	Nunatak	Cu, Mo, Ag, Au
73	Sumdum	Ag, Cu, Zn
74	Medfra	Fe, Cu, Zn
75	Kaiyuh Hills	Cr
76	McLeod	Mo
77	Sheep Creek Rat Fork	Zn, Cu, Pb, Ag, As
78	Magnetic Island	Fe, Ti
79	Sedanka Bierka	Zn, Pb, Cu, Ag, Au
80	Canoe Bay	Au, Ag, As, Hg, Pb
81	Kawisgag	Cu, Mo, Au
82	North Bradfield River	Fe, Cu
83	Union Bay	Fe, Ti, PGE, Cr
84	Klukwan	Fe, Ti, V, Ni
85	Haines Barite, Glacier Creek	Ag, Au, Ba, Cu, Pb
86	Margerie Glacier	Cu, Ag, Au
87	Zarembo Island	Pb, Zn, Ag
88	Duke Island	Cr, PGE
89	Mosquito	Cu, Mo
90	True North	Au, As, Sb
91	Joker 88	Au, As, Zn
92	Discovery Gulch	Au, As, Ag
93	Elephant Mountain	Au, Ag, As, Sb, Bi, Pb
94	Clear Creek	U
95	Beaver Creek	Ag, Pb, Zn
96	Stuyahok	Au, As, Hg
97	Mission Creek Owhat	Au, Ag, Cu, As, Sb
98	Fortyseven Creek	Au, W
99	Cinnabar Creek	Hg, Sb, As
100	Kagati Lake	Hg, Sb, As
101	Mount Distan Divide	Au, As, Sb
102	Tofty	Nb, Y, REE
103	Romanzof Mountains	Cu, Pb, Mo, Sn, F, U, REE, Au, Ag
104	Esetuk Glacier	Pb, Zn, Sn, Cu, W
105	Porcupine Lake	Cu, Zn, Ag, F
106	Story Creek	Pb, Zn, Ag, Au
107	Whoopee Creek	Pb, Zn, Ag, Au
108	Roosevelt Creek	Cu, Zn, Pb, Ag, Au
109	Michigan Creek	As, Au, Ag, Cu, Zn, Pb
110	Ann	Pb, Zn, Ag
111	Geroe Creek	Cu, Mo
112	Chalet Mountain	Au, Ag, W
113	Purcell Mountain	Mo, Au
114	Wattamuse	Au, Ag, As, Cu, Sb
115	Chicken Mountain	Au, As, Sb, Hg
116	Von Frank Mountain	Au, Cu, As
117	Egnaty Creek	Hg
118	Wolf Creek Mountain	Hg, Sb
119	Christian River	Cr
120	ACH Claims	Cu
121	Levi Creek	Cr, PGE
122	Ikkillik River West	Ag, Ba, Pb, Zn
123	Kady	Ag, Pb, Zn
124	Outwash Creek	Ag, Pb, Zn
125	Mount Coxcomb	Au, Ag
126	Arnold Kako	Au, As
127	Bogus Creek	Au, Ag, Sb, As
128	Sweeper Cove	Au, Ag
129	Boat Harbor	Au, Ag, Cu, Zn
130	Quartz Creek	Pb, Zn, As, Ag
131	Jarvis	Pb, Zn, As, Ag
132	Three Cub	Au, As, Cu, Sb, Zn, Pb, Ag
133	Chilligan River	Pb, Zn, Ag
134	Gagaryah	Ba
135	Red Mountain	PGE
136	Sheep Creek	Pb, Zn, Ag, Sn
137	Red Devil	Hg, Sb
138	White Mountain	Hg
139	Seventooth Mountain	Sb, Au, Ag
140	Scrafford	Sb, Au
141	Cleary Summit	Au, Ag
142	Gilmore Dome area	W, Au
143	Purdy	Au
144	Stampede	Sb
145	Apollo-Sitka	Au, Ag, Pb, Zn, Cu
146	Crevice Creek	Au, Ag, Cu, Fe
147	Nabesna, Rambler	Au, Fe
148	Kennecott District	Cu, Ag
149	Claim Point	Cr
150	Red Mountain	Cr
151	Alaska Oracle Gilpatrick	Au
152	Lucky Strike	Au, Cu, Pb, Ag
153	Crown-Point Kenai-Alaska	Au
154	Monarch Jewel	Au
155	Granite	Au
156	Cliff Mine	Ag, Au, Pb, Zn
157	Knight Island Pandora	Cu
158	Naka Bay District	Au
159	Copper Bullion	Cu, Zn
160	Ellamar	Cu, Au, Ag, Zn
161	Latouche Beatson	Cu, Ag, Au, Pb, Zn
162	Independence	Au
163	Golden Horn, Malemute, Granite	Au, Ag, Sb, Hg, W
164	Chicken Mountain	Au, As, W, Sb, Hg
165	Bremner mines	Au
166	Lost River	Sn, W, F, Be, Zn, Cu, Pb, Ag
167	Omalik	Pb, Zn, Ag, Sb, Au
168	Perseverance	Pb, Ag, Sb
169	Mineral King	Au, Ag
170	Ramsay-Rutherford	Au
171	Midas	Cu, Ag, Au, Zn
172	Alaska-Juneau	Au, Ag, Pb, Zn
173	Polaris, Tulsequah Chief	Cu, Pb, Zn, Au, Ag
174	Hirst Chichagof	Au, Ag, Pb, Cu
175	Snip, Johnny Mountain	Ag, Au, Zn
176	Silback-Premier	Au
177	Kasaan	Cu, Au, Ag
178	Jumbo Basin	Fe, Ag, Au, Cu
179	Valdez Creek	Au
180	Willow Creek	Au
181	Binocular	Ag, Cu
182	DeCoursey Mountain	Hg, Sb, As
183	Treadwell	Au, Ag, Pb
184	Goldstream	Au, Cu, Pb, Zn
185	Reed Inlet	Au
186	Castle Island	Ba, Pb, Zn, Ag
187	Dawson	Au, Cu, Pb, Zn
188	Khayyan	Au, Ag, Cu, Zn
189	Apex El Nido	Au, Ag, Cu, Pb, W
190	Fidalgo-Alaska (Schlosser)	Cu, Zn
191	Independence	Pb, Zn, Ag
192	Jade Mountain	Jade
193	Calder Limestone	CaCO3
194	Maid of Mexico, Helen S	Au, Pb, Zn, Ag
195	Amok	Au
196	Lucky Shot	Au
197	Caribou Dome	Cu
198	Kelly Creek	Au
199	Salmon Bay	REE
200	Duke Island	Cu, Ni, PGE
201	Stone Horn Ridge	Coal
202	Alaska Sands	Fe, Ti, Au
203	Rob	Au
204	Circle	Au
205	Oreo claims	Pb, Zn, Cu, Ag, Au
206	Yenlo	Diamonds
207	Grizzly Butte	Cu, Au
208	Copper Joe	Cu, Au
209	Island Mountain	Cu, Au
210	Revelation	Cu, Au
211	Molly (Miss Moly)	Cu, Mo
212	Kahiltna Terrane	Cu, Au
213	Stone Rock	REE
214	Crackerjack	Au
215	Woewo Island	Ag, Ba, Pb, Zn
216	Quicksilver Prospect	Au
217	Moore Creek	Au
218	Candle Hills	Au
219	Groundhog	Cu, Au
220	Luna, Ako, Gold Creek, Little Swift	Au
221	Sleitat	Sn
222	Farewell Project	PGE
223	Iliamna	Cu, Au
224	Silver Chalice (Poison Cr, caldera)	Au, Ag



Eureka Creek placer operation in the Tofty area, Hot Springs mining district. Photo provided by Jenny Wynne, Water Section of DMLW, DNR. (Mineral Prospect ID-102)



Fairbanks Gold Mining Inc., a subsidiary of Kinross Gold Corp., mined 63.1 million tons of ore and waste from the Fort Knox pit in 2012. The mill throughput was 14.55 million tons for the year, and 33.34 million tons of ore were placed on the heap leach. Photo provided by Judy Patrick Photography. (Lode Mine ID-1)



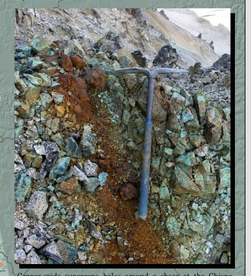
Drilling at the Council project on the Seward Peninsula. Photo provided by Millrock Resources Inc. (Mineral Exploration ID-25)



Coal seams #3 and #4 are exposed in this spectacular natural outcropping of coal-bearing rocks north of Hoseanna Creek near Healy, Alaska. Photo by Chris Arend, provided courtesy of Usibelli Coal Mine Inc. (Lode Mine ID-6)



With overnight temperatures dipping to -40° F, Freegold Ventures Ltd. launched its 2012 drill program at Golden Summit in mid January. Grid power, cell phone service, and access by paved highway 25 miles north of Fairbanks all contribute to Freegold Ventures' ability to conduct winter drilling at the gold property. Photo provided by Shane Lasley. (Mineral Exploration ID-31)



Copper-oxide supergene halos around a shear at the Chisna property. Photo provided by Corvus Gold Inc. (Mineral Exploration ID-13)



Miners scaling underground at Kensington Mine. Photo provided by Coeur Alaska Inc. (Lode Mine ID-3)



Water-quality sampling at Kensington Mine. Photo provided by Coeur Alaska Inc. (Lode Mine ID-3)

2012 MINERAL INDUSTRY ACTIVITY

LODE MINES

ID	Name	Commodities
1	Fort Knox Mine	Au
2	Pogo Mine	Au
3	Kensington Mine	Au
4	Red Dog Mine	Zn, Pb, Ag, Ba, Ge
5	Greens Creek Mine	Ba, Pb, Zn, Cu, Ag, Au
6	Usibelli Coal Mine	Coal
7	Nixon Fork Mine	Au, Cu

DEVELOPMENT PROJECTS

ID	Name	Commodities
1	Chuitna Coal Project	Coal

MINERAL EXPLORATION

ID	Name	Commodities
1	LWM	Zn, Pb, Ag
2	Ambler, Arctic	Zn, Cu, Pb, Ag, Au
3	Red Dog Mine district	Zn, Pb, Ag
4	Niblack	Cu, Zn, Ag,Au
5	Greens Creek Mine area	Ba, Pb, Zn, Cu, Ag, Au
6	Palmer	Ba, Pb, Zn, Cu, Ag, Au
7	Lik-Sue	Zn, Pb, Ag
8	Delta District	Pb, Zn, Cu, Ag, Au
9	Baird Mountains	Zn, Pb, Ag
10	Sun	Zn, Cu, Pb, Ag, Au
11	Whistler, Raintree West	Cu, Au
12	Pebble, Pebble South	Cu, Au
13	Chisna	Cu, Au
14	Pyramid, Port Moller	Cu, Au
15	Big Chunk	Cu, Au
16	Humble	Cu, Au
17	Livengood, Money Knob	Au
18	LMS	Au, Ag
19	Gil, Fort Knox area	Au
20	Ink (Stone Boy)	Au
21	Pogo Mine area	Au
22	Donlin Creek	Au
23	Kuguk	Au, Cu, Fe
24	Nixon Fork Mine area	Au, Cu
25	Council	Au
26	Bluff	Au
27	Tetlin	Cu, Au
28	Liberty Bell	Au, Ag, Bi
29	Vinasale	Au
30	Fort Knox Mine	Au
31	Golden Summit	Au
32	Tushtena (Stibnite Creek)	Au, Sb
33	Kensington Mine area	Au
34	Estelle, Brix claims	Cu, Au
35	Herbert Glacier	Au
36	Nyac	Au
37	Little Squaw	Au
38	Nolan Creek Mine	Au
39	Colorado Creek	Au
40	Uncle Sam	Au
41	West Pogo, Money Rock, Goodpaster	Au, Ag
42	Golden Zone	Cu, Ag
43	Kahilt (Cristo)	Cu, Au
44	Unga, Shumagin	Au
45	MAN project	PGE, Ni, Cu
46	Bokan Mountain (Dotson)	REE
47	Wishbone Hill	Coal
48	Usibelli Coal Mine area	Coal
49	Ester Dome, Grant Mine, Ryan Lode	Au
50	Rusty Creek, Valdez Cr	Au
51	PB claims, Porcupine Cr, Circle	Au
52	Trout & Coho claims	Au
53	Richardson, Hilltop	Au
54	Shorty Creek	Au
55	Taurus	Cu, Au
56	Eagle Creek	Au
57	Ester Dome	Au
58	West Ridge	Au
59	Vana & McCord claims, Livengood	Au
60	Fortymile - Rolling Thunder (Pika)	Pb, Zn, Cu, Ag, Au
61	Napoleon, Fortymile	Au
62	Paxson	Pb, Zn, Cu, Ag, Au
63	Ray Mountains	REE
64	Chandalar district	Au
65	Bornite	Cu, Ag
66	Stellar (Zackly)	Cu, Au, Co
67	Salt Chuck	PGE
68	SW region (Audn)	Cu, Au
69	Terra	Au
70	Shotgun (Moses)	Au
71	Ganes Creek	Au
72	Fairhaven - Anugi	Ag, Pb, Zn
73	Mystic claims, Mystery Mtns	Au
74	Illinois Creek	Au, Ag, Cu, Pb, Zn
75	Monte Cristo (Stone Boy)	Au
76	Fortymile Rolling Thunder (Eagle Quad)	Au
77	Frost, Omar	Cu, Pb, Zn, Ag, Co
78	Smucker	Cu, Zn, Pb, Ag, Au
79	Roundtop	Cu, Mo, Ag, Pb, W, Zn
80	Honker	Ag, Au, Cu, Pb, W
81	East Wiseman	Cu, Ag, Au
82	Nome Offshore	Au
83	Graphite Creek	Graphite
84	Snettisham	Fe, PGE, Ti, V
85	Fish Creek	Au
86	Jonesville Coal	Coal
87	Chickaloon Coal	Coal

Cartography by Patricia E. Gallagher

State of Alaska
Department of Natural Resources
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

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SCALE 1 : 4000000

100 0 100 200 300 400 500 MILES

100 0 100 200 300 400 500 600 700 KILOMETERS

	Lode Mine	Development Project	Mineral Exploration	Mineral Prospect
Base Metal	■		⬟	●
Chromium, Nickel, Platinum-Group Element			⬟	●
Coal	■	▲	⬟	●
Gold	■		⬟	●
Iron (With Minor Gold, Copper)			⬟	●
Mercury and Antimony				●
Polymetallic	■		⬟	●
Porphyry (Copper, Gold, Molybdenum)			⬟	●
Tin				●
Uranium, Thorium, and Rare-Earth Elements			⬟	●
Other			⬟	●
Lode Mineral Occurrence (ARDF)	•		Populated Place	●
Placer Mineral Occurrence (ARDF)	•		Road	——
Coal Occurrence	•		Trans-Alaska Pipeline System	——
Placer District	▭		Coal Field or Province	▨

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