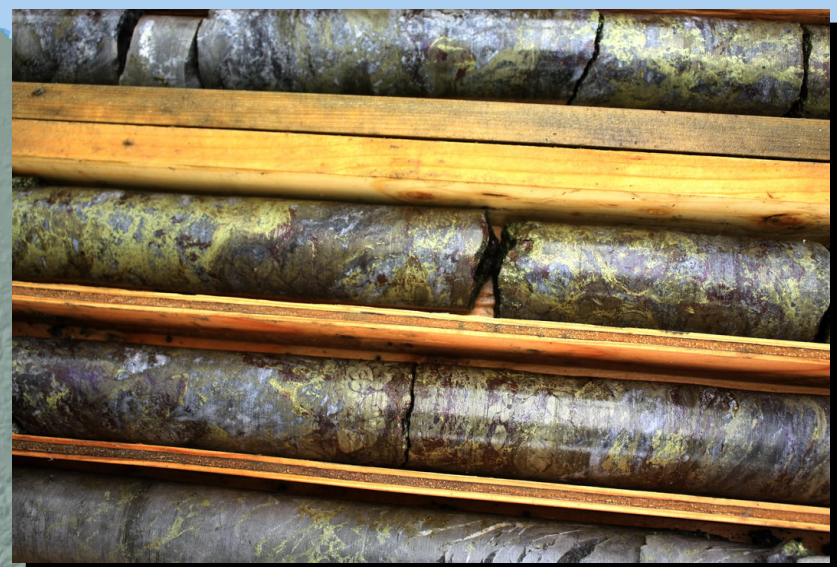




SELECTED MINERAL PROSPECTS

ID	Name	Commodities	ID	Name	Commodities
1	Bonanza Hills	Ag, Cu, Pb, Au	102	Kagati Lake	Hg, Sb, As
2	Nim and Nimbus	Ag, Au, Cu, Zn, Mo, As	103	Mount Distan Divide	Au, As, Sb
3	Denali	Cu, Ag	104	Tuffy	Carbonatite
4	Stranglewoman Creek	Barite	105	Romanof Mountains	Cu, Pb, Zn, Mo, Sn
5	Step Mountain	Pb, Zn	106	Isotuk Glacier	Pb, Zn, Sn, Cu, W
6	Quartz Hill	Au, Cu, Ag	107	Porecupine Lake	Pb, Zn, Ag, Fl
7	Beor Mountain	Mo, W	108	Story Creek	Pb, Zn, Ag, Au
8	Cirque Tolstoi	Cu, Ag, Sn, W	109	Whoopee Creek	Pb, Zn, Ag, Au
9	Reef Ridge	Zn, Pb	110	Roosevelt Creek	Cu, Zn, Pb, Ag, Au
10	Roy Creek/Mount Prindle	U, Th	111	Michigan Creek	As, Au, Ag, Cu, Zn, Pb
11	Table Mountain	Au, Sn, Be, W	112	Ann	Pb, Zn, Ag
12	Anderson Mountain	Cu, Pb, Zn, Ag	113	Gorse Creek	Cu, Mo
13	Dry Creek - WTF	Cu, Pb, Zn, Ag, Au	114	Chalet Mountain	Au, Ag, W
14	Shumagin	Au, Ag	115	Purell Mountain	Mo, Au
15	Bee Creek	Au, Au, Mo	116	Wattamuse	Au, Ag, As, Cu, Sb
16	Pog Lake	Au, Cu, Ag	117	Chicken Mountain	Au, Ag, Sb, Hg
17	Kasau Creek	Cu, Au, Ag, Fe	118	Van Frank Mountain	Au, Cu, As
18	Johnson Prospect	Au, Zn, Cu, Pb	119	Egnaty Creek	Hg
19	Bowser Creek	Ag, Pb, Zn	120	Wolf Creek Mountain	Hg, Sb
20	Chip-Loy	Ni, Co, Cu	121	Christian River	Cr
21	Tin Creek	Pb, Zn, Cu	122	ACH Claims	Cr
22	Coal Creek	Sn, Ag, W, Zn	123	Levi Creek	Cr, PGE
23	Zackley	Au, Cu, Ag	124	Ikiklik River West	Ag, Ba, Pb, Zn
24	Chistochina District	Pb, Cu, Ag, Au	125	Kady	Ag, Pb, Zn
25	Baultoff Horsfield Carl Creek	Cu, Mo	126	Outwash Creek	Ag, Pb, Zn
26	Halibut Bay	Cr	127	Mount Coxcomb	Au, Ag
27	Bernard Mountain Dust Mountain	Cr	128	Arnold Kake	Cr
28	Centennial	Au, Cu	129	Bogus Creek	Au, Ag, Sb, As
29	Simiktanmeyak Mountain	Cr, Ni, PGE	130	Sweeper Cove	Au, Ag
30	Rapid River	U, Mo, Sn, Pb	131	Boat Harbor	Au, Ag, Cu, Zn
31	Caribou Mountain Holonada	Cr	132	Quartz Creek	Pb, Zn, As, Ag
32	Mount Schwatka	Pb, Zn, Ag	133	Jarvis	Pb, Zn, Ag
33	Big Windy	Au?	134	Three Cub	Pb, Zn, Ag
34	Flume Creek	Au	135	Chilligan River	Ba
35	Cosna Dome	Sn	136	Gagayah	PGE
36	Hayes Glacier	Cu, Mo, Au	137	Red Mountain	Pb, Zn, Ag, Sn
37	Kougak	Sn, Ta, Nb	138	Sheep Creek	Hg, Sb
38	Ear Mountain	Sn, Cu, Ag, Pb, Zn	139	Red Devil	Hg
39	Potato Mountain	Sn	140	White Mountain	Sb, Au, Ag
40	Cape Mountain	Sn, W	141	Sawtooth Mountain	Sb, Au
41	Rock Creek	Au	142	Scarford	Au, Ag
42	Death Valley	U	143	Clary Summit	Au, Ag
43	Drenchwater	Zn, Pb, Ag	144	Gilmore Dome Area	W, Au
44	Frost/Omar	Cu, Pb, Zn, Ag, Co	145	Purdy	Au
45	Iyikrok Mountain	Cr, PGE	146	Stampede	Sb
46	Nimukluk	Ba	147	Apollo-Sitka	Au, Ag, Pb, Zn, Cu
47	Kiviliktok Mountain	Cu, Pb, Zn, Ag	148	Crevice Creek	Cu, Ag, Cu, Fe
48	Smucker	Cu, Zn, Pb, Ag, Au	149	Nabesna Rambler	Au, Fe
49	Avan	Cr, PGE	150	Kemecott District	Au, Ag
50	Misheguk Mountain	Cr, PGE	151	Claim Point	Cr
51	Povookpuk Mountain West Cape	Cu	152	Red Mountain	Cu
52	Ohio Creek	Sn, Ag, As	153	Alaska Oracle Gilpatrick	Au
53	Mike	Mo, Au, Ag, Pb, Zn	154	Lucky Strike	Au, Cu, Pb, Ag
54	Rex	Cu, Au	155	Crown-Point Kenai-Alaska	Au
55	Makushin	Au, Ag, As, Hg	156	Monarch Jewel	Au
56	Cape Kigunak	Au	157	Germine	Au
57	Beluga	Coal	158	Cliff Mine	Ag, Au, Pb, Zn
58	Bering River	Coal	159	Knight Island Pandora	Cu
59	Brady Glacier	Cu, Ni, PGE	160	Nuka Bay District	Au
60	Yakobi Island Bohemia Basin	Ni, Cu	161	Copper Bullion	Cu, Zn
61	Shtyl'menkat	Sn	162	Ellamar	Cu, Au, Ag, Zn
62	Wiseman	Au, Cu, Pb, Zn	163	Liatouche Beatson	Cu, Ag, Au, Pb, Zn
63	Indian Mountain	Cu, Mo	164	Independence	Au
64	Hogatz	Cu, Mo	165	Golden Horn Malemute Granite	Au, Ag, Sb, Hg, W
65	Slate Creek	Asbestos	166	Chicken Mountain	Au, As, W, Sb, Hg
66	Kanishna District	Sb, Au, Ag	167	Bremner Mines	Au
67	Dry Creek - Red Mountain	Cu, Pb, Zn, Ag, Au	168	Lost River	Sb, W, F, Be, Zn, Cu, Pb, Ag
68	Mount Eielson	Zn, Pb, Cu, Ag	169	Omaliak	Pb, Zn, Ag, Sb, Au
69	Purkeypile	Ag, Pb, Au, Cu	170	Perseverance	Pb, Ag, Sb
70	Kemok Mountain	Fe, Ti, PGE	171	Mineral King	Au, Ag
71	Orange Hill Bond Creek	Cu, Mo	172	Ramsay-Rutherford	Cu, Mo
72	Nabesna Glacier	Pb, Zn, Ag, Au	173	Midac	Cu, Ag, Au, Zn
73	Windy Crazy	Cu, Mo, Ag, Cu	174	Alaska-Juneau	Au, Ag, Pb, Zn
74	Nunatak	Cu, Mo, Ag, Au	175	Polaris Tulsequah Chief	Au, Ag, Cu, Zn
75	Sumdum	Ag, Cu, Zn	176	Hirst Chichagof	Au, Ag, Pb, Cu
76	Medfra	Fe, Cu, Zn	177	Ship Johnny Mountain	Poly metallic
77	Kaiyuh Hills	Cr	178	Silback/Premier	Au
78	McLeod	Mo	179	Kasaan	Cu, Au, Ag
79	Sheep Creek Rat Fork	Zn, Cu, Pb, Ag, As	180	Jumbo Basin	Fe, Ag, Au, Cu
80	Magnetic Island	Fe, Ti	181	Valdez Creek	Au
81	Sedanka Biorka	Zn, Pb, Cu, Ag, Au	182	Willow Creek	Au
82	Canoe Bay	Au, Ag, As, Hg, Pb	183	Binocular	Ag, Cu
83	Kawisag	Cu, Mo, Au	184	DeCoursey Mountain	Hg, Sb, As
84	North Bradford River	Fe, Cu	185	Treadwell	Au, Ag, Pb
85	Union Bay	Fe, Ti, PGE, Cr	186	Goldstream	Au, Cu, Pb, Zn
86	Klukwan	Fe, Ti, Ni	187	Reed Inlet	Au
87	Haines Barite Glacier Creek	Ag, Au, Ba, Cu, Pb	188	Castle Island	Ba, Pb, Zn, Ag
88	Margerie Glacier	Cu, Ag, Au	189	Dawson	Au, Cu, Pb, Zn
89	Zaremba Island	Pb, Zn, Ag	190	Khayyan	Au, Ag, Cu, Zn
90	Duke Island	Cr, PGE	191	Apex El Nido	Au, Ag, Cu, Pb, W
91	Mosquito	Cu, Mo	192	Fidalgos-Alaska Schosser	Cu, Zn
92	True North	Au, As, Sb	193	Independence	Pb, Zn, Ag
93	Joker 88	Au, As, Zn	194	Jade Mountain	Jade
94	Discovery Gulch	Au, As, Ag	195	Calder Limestone	CaCO3
95	Elephant Mountain	Au, Ag, As, Sb, Bi, Pb	196	Maid of Mexico Helen S	Au, Pb, Zn, Ag
96	Clear Creek	U	197	Amok	Au
97	Beaver Creek	Ag, Pb, Zn	198	Chuitna Coal Mine	Coal
98	Stuyahok	Au, As, Hg	199	Lucky Shot	Au
99	Mission Creek Owhat	Au, Ag, Cu, As, Sb	200	Roundtop	Cu, Mo, Ag, Pb, W, Zn
100	Fortyseven Creek	Au, W	201	Honker	Ag, Au, Cu, Pb, W
101	Ginnabar Creek	Hg, Sb, As			



Copper sulfide breccia, Bornite deposit. Courtesy of Nova Copper, Inc. (Mineral Exploration ID-75)



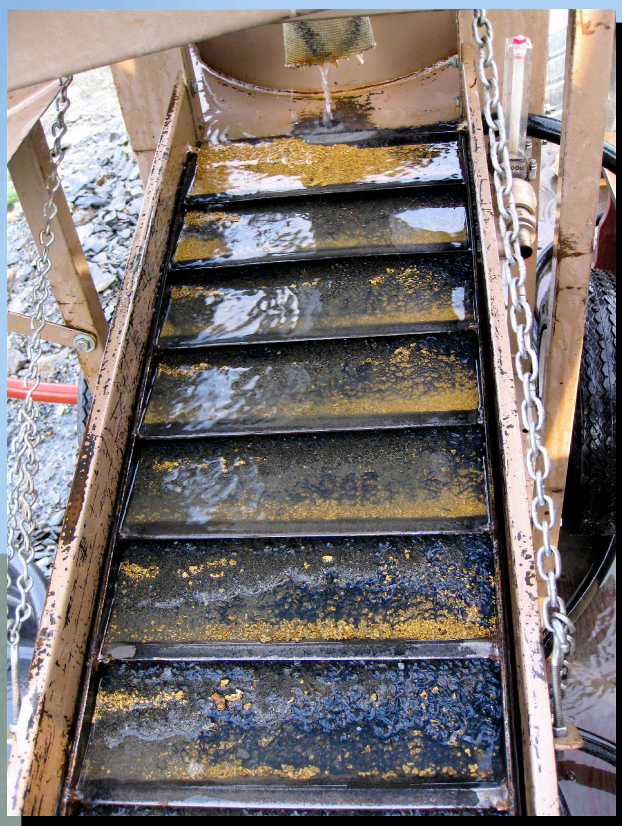
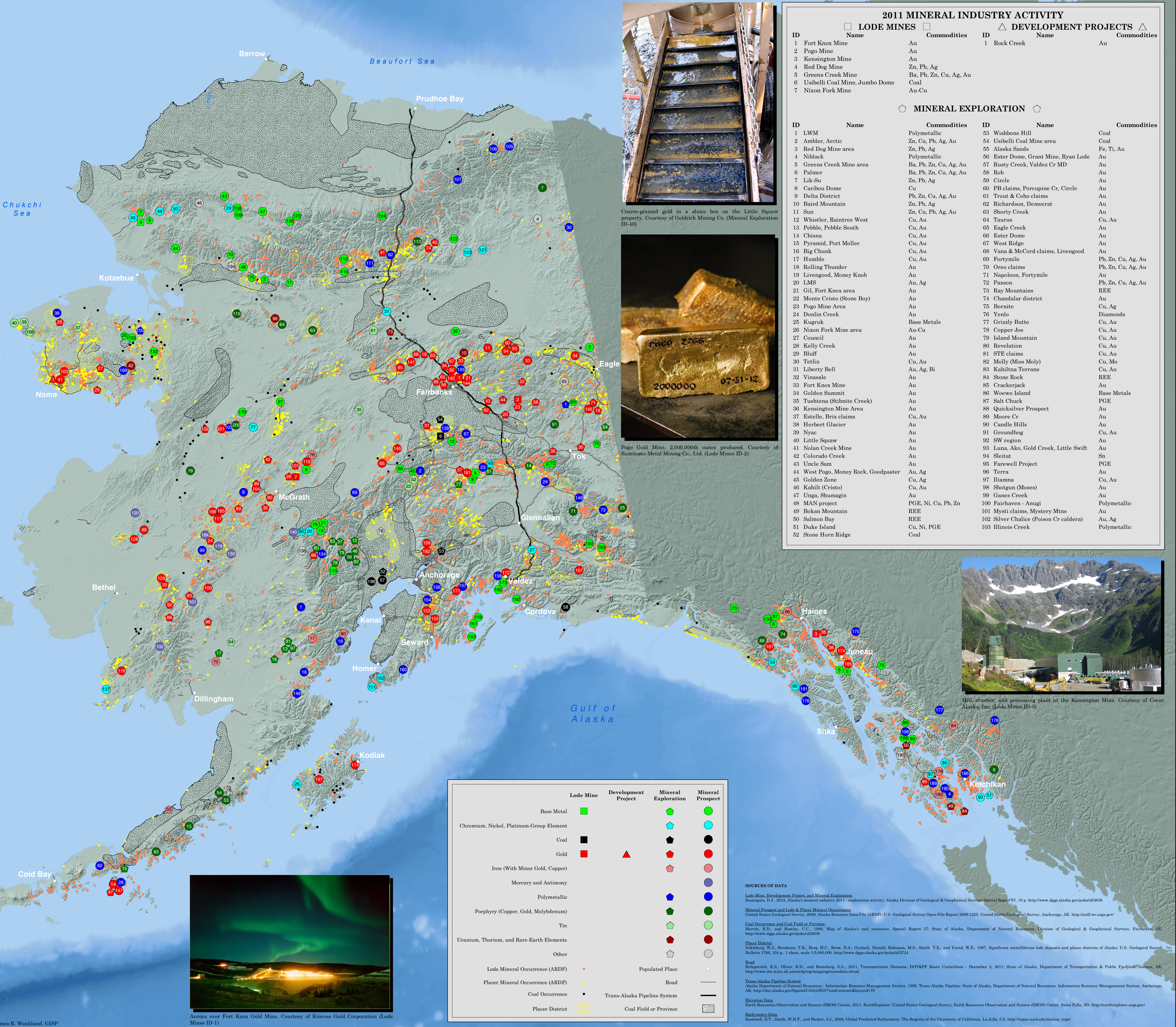
Red Dog Mine and Aggahuk deposit. Courtesy of Teek Cominco Alaska. (Lode Mines ID-4)



Drilling at Estelle gold project. Courtesy of Millrock Resources, Inc. (Mineral Exploration ID-37)



Pyramid deposit with Balboa Bay in background. Courtesy of Full Metal Minerals (Mineral Exploration ID-15)



Coarse-grained gold in a sluice box on the Little Squaw property. Courtesy of Goldrich Mining Co. (Mineral Exploration ID-40)



Pogo Gold Mine, 2,000,000th ounce produced. Courtesy of Sumitomo Metal Mining Co., Ltd. (Lode Mines ID-2)



Mill, crusher, and processing plant at the Kensington Mine. Courtesy of Coeur Alaska, Inc. (Lode Mines ID-3)

2011 MINERAL INDUSTRY ACTIVITY

LODE MINES			DEVELOPMENT PROJECTS		
ID	Name	Commodities	ID	Name	Commodities
1	Fort Knox Mine	Au	1	Rock Creek	Au
2	Pogo Mine	Au			
3	Kensington Mine	Au			
4	Red Dog Mine	Zn, Pb, Ag			
5	Greens Creek Mine	Ba, Pb, Zn, Cu, Ag, Au			
6	Usibelli Coal Mine, Jumbo Dome	Coal			
7	Nixon Fork Mine	Au-Cu			

MINERAL EXPLORATION

ID	Name	Commodities	ID	Name	Commodities
1	LWM	Poly metallic	53	Wishbone Hill	Coal
2	Ambler, Arctic	Zn, Cu, Pb, Ag, Au	54	Usibelli Coal Mine area	Coal
3	Red Dog Mine area	Zn, Pb, Ag	55	Alaska Sands	Fe, Ti, Au
4	Niblack	Poly metallic	56	Ester Dome, Grant Mine, Ryan Lode	Au
5	Greens Creek Mine area	Ba, Pb, Zn, Cu, Ag, Au	57	Rusty Creek, Valdez Cr MD	Au
6	Palmer	Ba, Pb, Zn, Cu, Ag, Au	58	Rob	Au
7	Lik-Su	Zn, Pb, Ag	59	Circle	Au
8	Caribou Dome	Cu	60	PB claims, Porcupine Cr, Circle	Au
9	Delta District	Pb, Zn, Cu, Ag, Au	61	Trout & Coho claims	Au
10	Baird Mountain	Zn, Pb, Ag	62	Richardson, Democrat	Au
11	Sun	Zn, Cu, Pb, Ag, Au	63	Shorby Creek	Au
12	Whistler, Raintree West	Cu, Au	64	Taurus	Cu, Au
13	Pebble, Pebble South	Cu, Au	65	Eagle Creek	Au
14	Chisna	Cu, Au	66	Ester Dome	Au
15	Pyramid, Port Moller	Cu, Au	67	West Ridge	Au
16	Big Chunk	Cu, Au	68	Vana & McCord claims, Livengood	Au
17	Humble	Cu, Au	69	Fortymile	Pb, Zn, Cu, Ag, Au
18	Rolling Thunder	Au	70	Ore claims	Pb, Zn, Cu, Ag, Au
19	Livengood, Money Knob	Au, Ag	71	Napoleon, Fortymile	Au
20	LMS	Au	72	Passen	Pb, Zn, Cu, Ag, Au
21	Gil, Fort Knox area	Au	73	Ray Mountains	REE
22	Monte Cristo (Stone Boy)	Au	74	Chandler district	Au
23	Pogo Mine Area	Au	75	Bornite	Cu, Ag
24	Donlin Creek	Au	76	Yenlo	Diamonds
25	Kugruk	Base Metals	77	Grizzly Butte	Cu, Au
26	Nixon Fork Mine area	Au-Cu	78	Copper Joe	Cu, Au
27	Council	Au	79	Island Mountain	Cu, Au
28	Kelly Creek	Au	80	Revelation	Cu, Au
29	Bluff	Cu, Au	81	STE claims	Cu, Au
30	Tetlin	Cu, Au	82	Molly (Miss Moly)	Cu, Mo
31	Liberty Bell	Au, Ag, Bi	83	Kahlitna Terrane	Cu, Au
32	Vinassale	Au	84	Stone Rock	REE
33	Fur Kana Mine	Au	85	Crackajack	Base Metals
34	Golden Summit	Au	86	Woewo Island	Base Metals
35	Tuhtons (Stibnite Creek)	Au	87	Salt Chuck	PGE
36	Kensington Mine Area	Au	88	Quicksilver Prospect	Au
37	Estelle, Brix claims	Cu, Au	89	Moore Cr	Au
38	Herbert Glacier	Au	90	Candle Hills	Au
39	Nyac	Au	91	Groundhog	Cu, Au
40	Little Squaw	Au	92	SW region	Au
41	Nolan Creek Mine	Au	93	Luna, Aka, Gold Creek, Little Swift	Cu, Au
42	Colorado Creek	Au	94	Sletat	Sn
43	Uncle Sam	Au	95	Farewell Project	PGE
44	West Pogo, Money Rock, Goodpastor	Au, Ag	96	Terra	Au
45	Golden Zone	Cu, Ag	97	Iliamna	Cu, Au
46	Kahlit (Cristo)	Cu, Au	98	Shogun (Moses)	Au
47	Unga, Shumagin	Au	99	Games Creek	Au
48	MAN project	PGE, Ni, Cu, Pb, Zn	100	Fairhaven - Anugi	Poly metallic
49	Bokan Mountain	REE	101	Mysti claims, Mystery Mtns	Au
50	Salmon Bay	REE	102	Silver Chalice (Poison Cr caldera)	Au, Ag
51	Duke Island	Cu, Ni, PGE	103	Illinois Creek	Poly metallic
52	Stone Horn Ridge	Coal			

SOURCES OF DATA

Lode Mine, Development Project, and Mineral Exploration Summary: D.J. 2011. Alaska's mineral industry 2011 - exploration activity: Alaska Division of Geological & Geophysical Surveys Special Report 177, 10 p. <http://www.dggs.alaska.gov/pubs/177>

Mineral Prospect and Lode & Placer Mineral Occurrences: United States Geological Survey, 2008. Alaska Resource Data File (ARDF). U.S. Geological Survey Open-File Report 2008-1225. United States Geological Survey, Anchorage, AK. <http://ardf.wr.usgs.gov/>

Coal Occurrences and Coal Field or Province: Morris, R.D., and Hawley, T.C. 1986. Map of Alaska's coal resources. Special Report 37. State of Alaska, Department of Natural Resources, Division of Geological & Geophysical Surveys, Fairbanks, AK. <http://www.dggs.alaska.gov/pubs/37>

Placer District: Kalkreuth, K.S., Oliver, R.D., and Rosenberg, G.L. 2011. Transportation Data: DOT&PF Route Centerlines - December 2, 2011. State of Alaska, Department of Transportation & Public Facilities/Juneau, AK. <http://www.dot.state.ak.us/edw/plg/mapping/transdata.html>

Trans-Alaska Pipeline System: Alaska Department of Natural Resources - Information Resource Management Section, 1995. Trans-Alaska Pipeline: State of Alaska, Department of Natural Resources, Information Resource Management Section, Anchorage, AK. <http://dnr.alaska.gov/Spatial/Utility/SUT/coal/occurrences/ldays/75>

Elevation Data: Earth Resources Observation and Science (EROS) Center, 2011. EarthExplorer: United States Geological Survey, Earth Resources Observation and Science (EROS) Center, Sioux Falls, SD. <http://earthexplorer.usgs.gov/>

Bathymetry Data: Swadlow, D.T., Smith, W.H.F., and Becker, J.J. 2008. Global Predicted Bathymetry: The Seafloor of the University of California, La Jolla, CA. http://seafloor.usc.edu/marine_top/



Aurora over Fort Knox Gold Mine. Courtesy of Kinross Gold Corporation (Lode Mines ID-1)