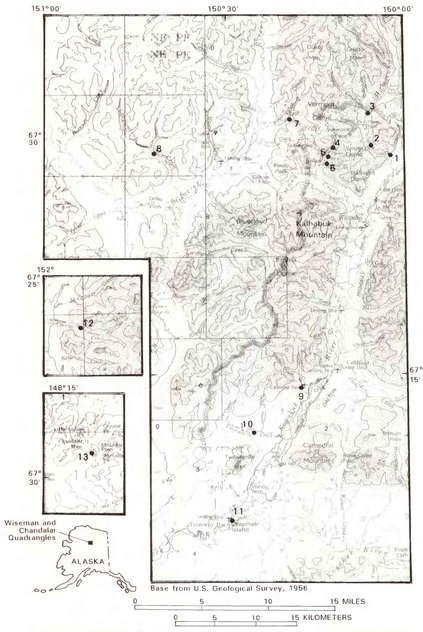
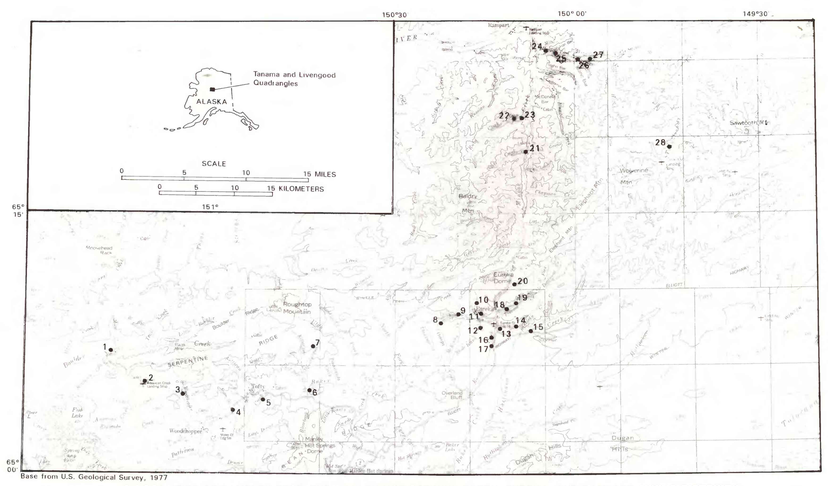


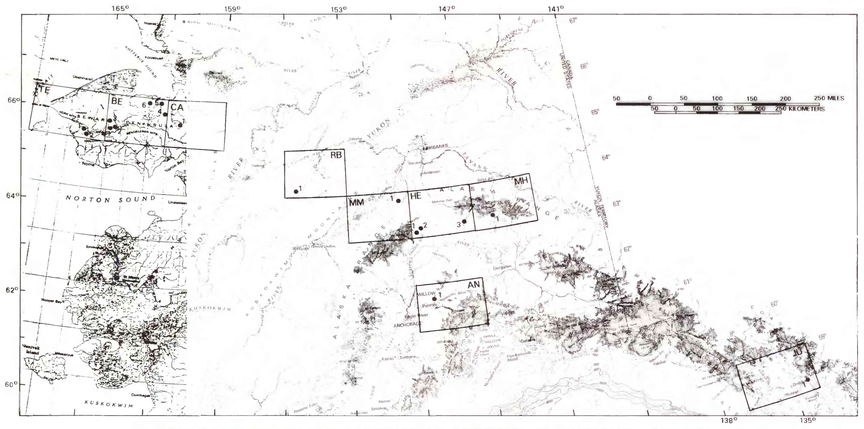
Base from U.S. Geological Survey, 1956

1- LOCALITIES OF SAMPLES FROM KOYUKUK-CHANDALAR MINING DISTRICT, WISEMAN AND CHANDALAR QUADRANGLES, ALASKA

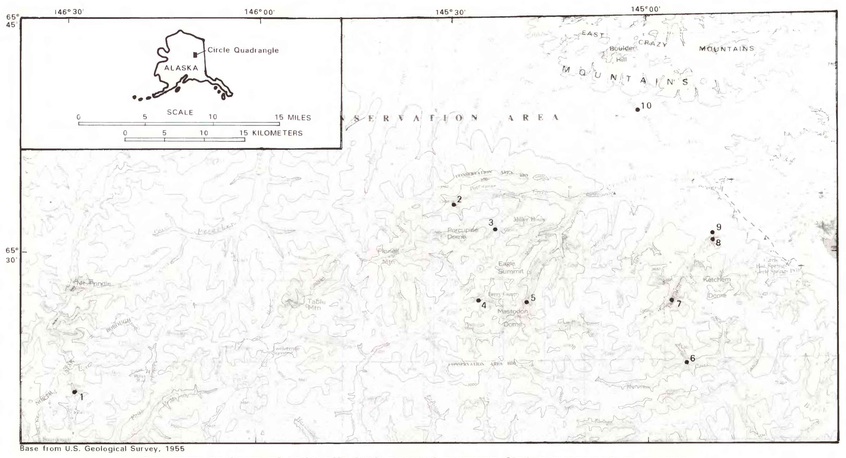


Base from U.S. Geological Survey, 1977

2- LOCALITIES OF SAMPLES FROM THE MANLEY HOT SPRINGS, TOFTY, EUREKA, AND RAMPART MINING DISTRICTS, TANAMA AND LIVENGOOD QUADRANGLES, ALASKA

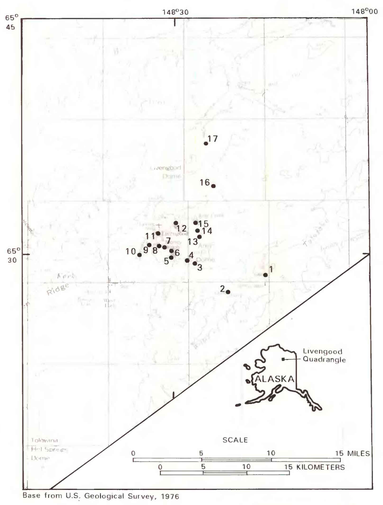


9- LOCALITIES OF SAMPLES FROM ANCHORAGE (AN), BENDELEBEN (BE), CANDLE (CA), HEALY (HE) JUNEAU (JU), MT. HAYES (MH), MT. McKINLEY (MM), RUBY (RB), AND TELLER (TE) QUADRANGLES, ALASKA



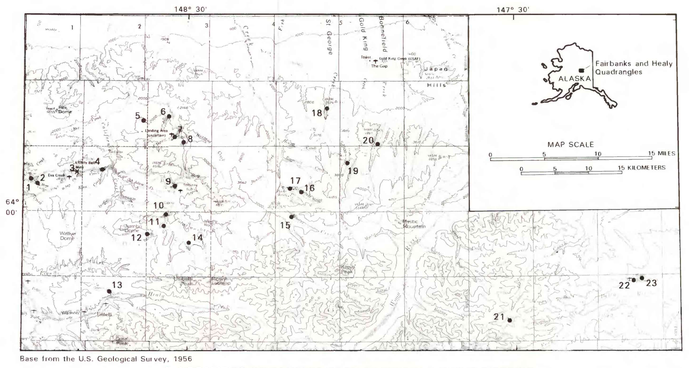
Base from U.S. Geological Survey, 1955

4- LOCALITIES OF SAMPLES FROM THE CIRCLE MINING DISTRICT, CIRCLE QUADRANGLE, ALASKA



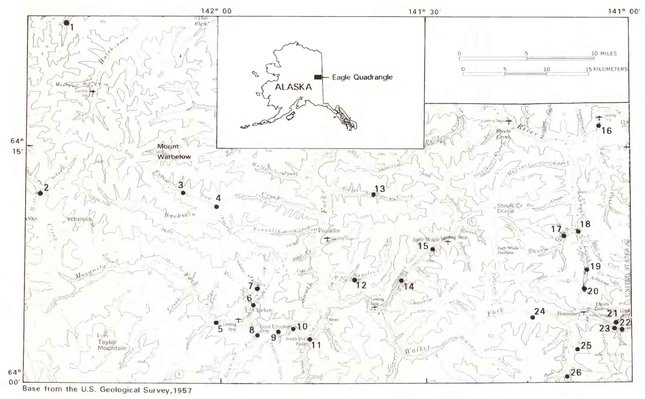
Base from U.S. Geological Survey, 1976

3- LOCALITIES OF SAMPLES FROM THE TOLOVANA MINING DISTRICT, LIVENGOOD QUADRANGLE, ALASKA



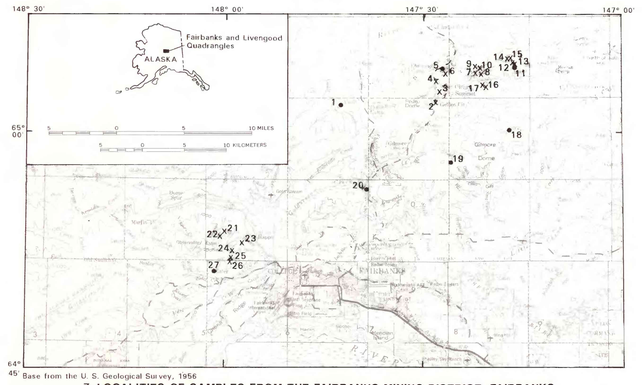
Base from the U.S. Geological Survey, 1956

6- LOCALITIES OF SAMPLES FROM BONNEFIELD MINING DISTRICT FAIRBANKS AND HEALY QUADRANGLES, ALASKA



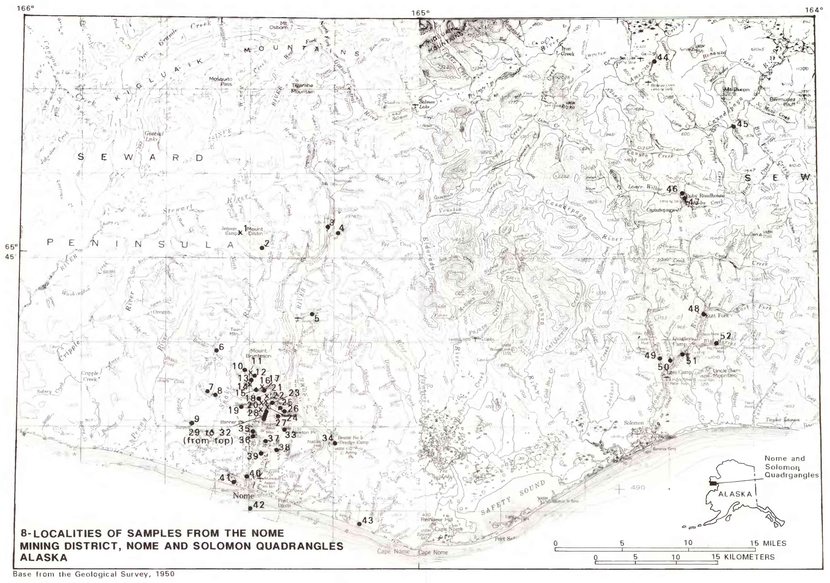
Base from the U.S. Geological Survey, 1957

5- LOCALITIES OF SAMPLES FROM THE FORTY-MILE MINING DISTRICT EAGLE QUADRANGLE, ALASKA



Base from the U. S. Geological Survey, 1956

7- LOCALITIES OF SAMPLES FROM THE FAIRBANKS MINING DISTRICT, FAIRBANKS AND LIVENGOOD QUADRANGLES, ALASKA



8- LOCALITIES OF SAMPLES FROM THE NOME MINING DISTRICT, NOME AND SOLOMON QUADRANGLES ALASKA

Base from the Geological Survey, 1950

Index for use with tables 2 and 3 for site, locality name, and mining district(s) and (or) quadrangle(s) for platinum-group elements from samples of native gold, sluice concentrates or from pan concentrates, and mineralized rock samples, Alaska

Site	Locality name
	1. Koyukuk-Chandalar mining district
1	Hammond River, above confluence of Jennie Creek
2	Swift Creek
3	Vermont Creek
4	Nolan Creek, above confluence of Faye Creek
5	Archibold Creek
6	Smith Creek
7	Washington Creek
8	Conglomerate Creek
9	Porcupine Creek
10	Twelve mile Creek, 1,000' below confluence of West Fork and Twelve mile Creek
11	Chapman Creek
12	Crevice Creek
13	Big Creek
	2. Manley Hot Springs, Tofty, Eureka, and Rampart mining districts
1	Boulder Creek, bench #1
2	American Creek
3	Woodchopper Creek, upper
4	Miller Gulch
5	Cache Creek
6	Blowback Creek
7	Cooney Creek
8	Omega Creek, lower
9	Omega Creek, upper
10	Rhode Island Creek, upper
11	Glenn Creek
12	Rhode Island Creek, lower
13	Eureka Creek, below confluence of Pioneer Creek
14	Alameda Creek
15	Hutlinana Creek
16	Eureka Creek
17	Eureka Creek
18	Eureka Creek, above confluence of American Creek
19	Pioneer Creek, bench at confluence of Doric Creek
20	Seattle Creek Jr.
21	Slate Creek
22	Ruby Creek
23	Ruby Creek
24	Hunter Creek
25	Hunter Creek
26	Hunter Creek, below confluence of Dawson Creek
27	Hunter Creek, above confluence of Dawson Creek
28	Quail Creek
	3. Tolovana (Livengood) mining district
1	McCord Creek
2	Wilber Creek
3	Unnamed Creek, between Estes Creek and Cleary Creek
4	Ester Creek
5	Olive Creek, middle
6	Olive Creek, upper
7	Old Smokey Prospect
8	Lillian Creek, upper
9	Lillian Creek, lower
10	Livengood Creek, 1 mile below confluence of Lillian Creek
11	Ruth Creek
12	Livengood Creek, above confluence of Gertrude Creek
13	Fannie Gulch, I
14	Amy Creek, I
15	Amy Creek, II
16	North of Heine Creek, south of reservoir
17	Discover Pup
	4. Circle (Central) mining district
1	Sourdough Creek
2	Porcupine Creek
3	Bonanza Creek
4	Eagle Creek
5	Mastodon Creek
6	Squaw Creek
7	Sixteen Pup
8	Deadwood Creek, bench
9	Deadwood Creek
10	Little Albert Creek
	5. Forty Mile mining district
1	Bullion Creek
2	Willow Creek, below confluence of Poryphry Creek
3	Forty-five Pup
4	Buckskin Creek, below confluence of Forty-five Pup
5	Mosquito Fork, half mile west of Taylor Highway
6	Chicken Creek, bench above Myer Fork
7	Chicken Creek, at Stonehouse Creek
8	Mosquito Creek, above confluence of Dennison Creek
9	South Fork
10	South Fork
11	South Fork, at Atwater Creek
12	Napoleon Creek
13	Uhler Creek
14	Wade Creek, 1½ mile below confluence of Ophelia Creek
15	Wade Creek, below confluence of Smith Creek
16	Forty Mile, above confluence of Smith Creek
17	Squaw Gulch, 1 mile above Canyon Creek
18	Canyon Creek, one-third mile above Squaw Creek
19	Canyon Creek, half mile below Arkansas Creek
20	Canyon Creek, above Woods Creek
21	Davis Creek
22	Poker Creek, above Younger Creek
23	Poker Creek, below Younger Creek above Doves Creek
24	Walker Fort at Ruins
25	Turk Creek
26	Cherry Creek, above Crow Creek
	6. Bonnifield mining district
1	Moose Creek
2	Little Moose Creek
3	Liberty Bell Mine
4	Eva Creek, lower
5	Nenna gravel
6	Iron Creek
7	Daniels Creek
8	Unnamed stream in sec. 34, T. 9 S., R. 5W
9	Totatlanika River
10	Platte Creek
11	Shannon Creek
12	Marguerite Creek
13	Gagnon Creek
14	Davis Creek
15	Moose Creek
16	Grubstake Creek, upper
17	Grubstake Creek, lower
18	Saint George Creek
19	Gold King Creek
20	Bonnifield Creek, upper
21	Glory Creek
22	Portage Creek, A
23	Portage Creek, B

Site	Locality name
	7. Fairbanks mining district
1	Vault Creek
2	Skoogy Gulch, vein
3	Pedro Lode
4	Newsboy mine
5	Cleary Creek, upper
6	Cleary Creek, lode
7	Christina Vein
8	McCarty Mine
9	American Eagle Vein
10	Marigold Mine
11	Straight Moose Creek
12	Hy Yu Mine, tailings
13	Blue Bow Lode
14	Hi Yu Mine
15	Rainbow Lode
16	Claim 5-82
17	Bear Creek, Blueberry Vein
18	Fish Creek
19	Hill Creek
20	Goldstream Creek, lower
21	Adler Lode
22	Clipper Mine
23	Grant Mine
24	St. Patrick Lode
25	Lookout Shear Zone
26	Ryan Lode
27	Ready Bullion Creek
	8. Nome mining district (Nome-Solomon Quadrangles)
1	Jensen Camp
2	Steep Creek, below McDuffee prospect
3	Clara Creek
4	Rocky Mountain Creek
5	Basin Creek
6	Boulder Creek
7	Monument Creek
8	Monument Creek, bench
9	Sunset Mine
10	Lindblom Creek, left limit
11	Lindblom Creek, pit
12	Rock Creek
13	Rock Creek
14	Rock Creek, vein-trench
15	Hot Air Bench
16	Hot Air Bench, prospect
17	Glacier Creek
18	Snow Gulch
19	Mountain Creek
20	Snow Gulch, prospect
21	Quartz outcrop, west of Sophie Hill
22	Drill Cuttings from New Eva pit
23	Anvil Creek, below confluence of Nekula Gulch
24	Anvil Creek, pit with sulfide runs
25	Grouse Gulch
26	Dexter Gulch, above confluence of Grouse Gulch
27	Grass Gulch
28	Quartz Creek
29	Specimen Gulch
30	Specimen Gulch
31	Specimen Gulch, right limit
32	Little Specimen Gulch, left limit
33	High Bench, left fork of Dry Creek
34	Osburn Creek
35	Anvil Creek, bench
36	Anvil Creek, 3rd beach
37	Cooper Gulch, alluvial fan, Portland Claim
38	Alaska Gold Company Dredge #5, 3rd beach/Dry Creek alluvial fan
39	Alaska Gold Company Dredge #1, Monroeville Beach
40	Alaska Gold Company Dredge #2, 2nd beach
41	Alaska Gold Company Dredge #6, submarine beach
42	Norton Sound, Bima Dredge
43	Present Beach
44	American Creek
45	Spruce Creek
46	Casadepaga River, below Ruby Creek
47	Casadepaga River, above Ruby Creek
48	Solomon River, below confluence of East Fork
49	Shovel Creek
50	Solomon River bench, north of confluence of Shovel Creek
51	Solomon River, above confluence of Penny Creek
52	Big Hurran Creek
	9. Anchorage quadrangle
1	Willow Creek
	9. Bendeleben quadrangle
1	Dome Creek
2	Coffee Creek
3	Dani Creek
4	Glacier Creek
5	Kugruk River, south of Chicago Creek coal mine
6	Inmachuk River
	9. Candle quadrangle
1	Bear Creek
	9. Healy quadrangle
1	Shotgun Creek
2	Bryn Maur Creek
3	Valdez Creek
	9. Juneau quadrangle
1	A-J Glory Hole
	9. Mt. Hayes quadrangle
1	Rainy Creek
	9. Mt. McKinley quadrangle
1	Stampede Creek
	9. Ruby quadrangle
1	Solomon Creek
	9. Teller quadrangle
1	Sullivan Camp
2	Gold Run Creek, below Boulder Creek

Explanation

x - Lode sample locality
● - Placer sample locality

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey editorial standards.

MAPS SHOWING LOCATIONS OF DETECTED PLATINUM-GROUP ELEMENTS FROM SOME GOLD MINING DISTRICTS OF ALASKA

By

John B. Cathrall, Robert R. Carlson, John C. Antweiler, and Elwin L. Mosier

1991