

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
ALASKA

1977

COMPILED FROM THE GEOLOGICAL SURVEY ALASKA RECONNAISSANCE
TOPOGRAPHIC SERIES, SCALE 1:250,000, AND OTHER OFFICIAL SOURCES



DATUM @ MEAN SEA LEVEL

BASE MAP ADAPTED FROM U.S. GEOLOGICAL SURVEY
MAP E, 1954 EDITION

**MINERAL POTENTIAL AREAS
and
HISTORICAL MINING REGIONS OF ALASKA**

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EXPLANATION

- Highly favorable for metallic and related nonmetallic deposits
- Favorable for metallic and related nonmetallic deposits
- Less favorable for metallic and related nonmetallic deposits
- Unfavorable for metallic and related nonmetallic deposits except for deposits in sedimentary basins, including uranium
- Historical mining regions
- Boundary of mineral potential area; dotted where concealed
- Boundary of historic mining region; dotted where overlain by water

GOLD REGIONS	RELATIVE IMPORTANCE OF PLACER (P) OR LODE (L)	ASSOCIATED ELEMENTS	GOLD REGIONS	RELATIVE IMPORTANCE OF PLACER (P) OR LODE (L)	ASSOCIATED ELEMENTS
1. Nome-Solomon Bluff	P/L	(W, Sb)	29. Richardson	P/L	(Pt)
2. Port Clarence-Teller	P/L		30. Bonifield	L/P	
3. Koyukuk	P/L		31. Kantishna	P/L	(Sb, Pb, Ag)
4. Fairbanks	P/L		32. Chulitna	L/P	(As, Cu)
5. Koyukuk-Imgalis	P/L	(Pt)	33. Yentna	P/L	(Sn, Pt)
6. Alery Creek (Kiana)	P/L		34. Valdez Creek	P/L	
7. Shungnak	P/L	(Jade)	35. Chistochina	P/L	
8. Igrook	P/L	(Sb)	36. Nabesna	P/L	
9. Chandaar	P/L	(W)	37. Chisana	P/L	(Cu)
10. Hopatz-Hughes	P/L		38. Nizna	P/L	
11. Melozitna	P/L	(Sn)	39. Hapagita	L/P	
12. Ruby-Poorman	P/L	(Sn, Pt)	40. Valdez	L/P	
13. Cripple	P/L		41. Genshaft-Helms	L/P	
14. Tolstoi	P/L	(Sn)	42. Nuka Bay	L/P	
15. McGrath	L/P	(W, Sn, Cu, Hg)	43. Nelchina	L/P	(Pt)
16. Innokentz	P/L		44. Willow Creek	L/P	(W, Cu)
17. Moore Creek	P/L		45. Kodiak Island	P/L	
18. Flat	P/L	(W, Hg, Sb)	46. Shumagin Island	L/P	(Cu)
19. Ure	P/L	(Cu)	47. Yakutat Beaches	P/L	(Pt, Ba)
20. Marshall-New Stoyayuk	P/L		48. Lituya Beaches	P/L	(Pt)
21. Butte Creek	P/L	(Pt)	49. Reid Inlet	L/P	
22. Hot Springs-Rampart	P/L		50. Porcupine	P/L	(Pb, Ag)
23. Livensood (Tolovana)	P/L		51. Jumeau	L/P	(W, Ag)
24. Fairbanks	P/L	(Sb, W)	52. Chitcharaf	L/P	(W)
25. Nome Creek	P/L		53. Siska	L/P	
26. Circle	P/L	(W, Sn)	54. Kollis	L/P	
27. Seventymile-Woodchopper	P/L		55. Raschikan	L/P	
28. Fortymile	P/L		56. Hyder	L/P	(W, Mo, Ag, U)

— Gold production greater than 500,000 oz. - - - Gold production between 100,000 and 500,000 oz.

COPPER REGIONS

- 57. Kennecott
- 58. Prince William Sound
- 59. Prince of Wales Island

TIN REGIONS

- 60. Cape Mountain-Lost River
- 61. Tofty

MERCURY REGIONS

- 62. Red Devil
- 63. Cinnabar Creek

PLATINUM REGION

- 64. Goodnews Bay

ANTIMONY REGIONS

- See numbers 8, 24, 31 and 62

FIGURE 4. Mineral potential areas and historical mining regions in Alaska