

**REFERENCES**

Berg, H. C., and Cobb, E. H., 1967, Metalliferous lode deposits of Alaska: U.S. Geol. Survey Bull. 1246, 254 p.

Brooks, A. H., 1911, The mining industry in 1910: U.S. Geol. Survey Bull. 480, p. 21-42.

Brooks, A. H., 1912, The mining industry in 1911: U.S. Geol. Survey Bull. 520, p. 17-44.

1916a, The Alaska mining industry in 1915: U.S. Geol. Survey Bull. 642, p. 16-71.

1916b, Preliminary report on the Tolovana district: U.S. Geol. Survey Bull. 642, p. 201-209.

1916c, Antimony deposits of Alaska: U.S. Geol. Survey Bull. 649, 67 p.

1918, The Alaska mining industry in 1916: U.S. Geol. Survey Bull. 662, p. 11-42.

Byers, F. M., 1957, Tungsten deposits in the Fairbanks district, Alaska: U.S. Geol. Survey Bull. 1024-1, p. 179-216.

Chapin, Theodore, 1914a, Lode mining near Fairbanks: U.S. Geol. Survey Bull. 592, p. 321-355.

1914b, Placer mining in the Yukon-Tanana region: U.S. Geol. Survey Bull. 592, p. 357-362.

Chapman, R. M., and Foster, R. L., 1969, Lode mines and prospects in the Fairbanks district, Alaska: U.S. Geol. Survey Prof. Paper 615-D, p. 91-252.

Ellsworth, C. E., and Parker, G. L., 1911, Placer mining in the Yukon-Tanana region: U.S. Geol. Survey Bull. 480, p. 153-172.

Foster, R. L., Pilkington, H. D., and Hawkins, D. B., 1968, Gold gradients and anomalies in the Pedro Dome-Clearly Summit area, Fairbanks district, Alaska: U.S. Geol. Survey open-file report, 43 p.

Foster, R. L., 1968, Descriptions of the Ruth Creek, Lillian Creek, Griffin, Old Soaky, Sunshine No. 2, and Olive Creek lode prospects, Livengood district, Alaska: U.S. Geol. Survey open-file report, 21 p.

1969, Nickeliferous serpentinite near Beaver Creek, east-central Alaska: U.S. Geol. Survey Circ. 615, p. 2-4.

Foster, R. L., and Chapman, R. M., 1967, Locations and descriptions of lode prospects in the Livengood area, east-central Alaska: U.S. Geol. Survey open-file report, unpagged.

Hawkins, D. B., and Forbes, B. E., 1971, Investigation of gold mineralization along a part of the Elliott Highway, Fairbanks district, Alaska: U.S. Geol. Survey open-file report, 65 p.

Hill, J. M., 1933, Lode deposits of the Fairbanks district, Alaska: U.S. Geol. Survey Bull. 849-B, p. 19-163.

Joesting, E. R., 1942, Strategic mineral occurrences in interior Alaska: Alaska Dept. Mines Pamph. 1, 46 p.

1943, Supplement to Pamphlet No. 1 - Strategic mineral occurrences in interior Alaska: Alaska Dept. Mines Pamph. 2, 28 p.

Killeen, P. L., and Martie, J. B., Jr., 1951, Antimony ore in the Fairbanks district, Alaska: U.S. Geol. Survey open-file report, 43 p.

Martin, G., 1920, The Alaskan mining industry in 1918: U.S. Geol. Survey Bull. 712, p. 13-52.

Martie, J. B., Jr., 1918a, The gold placers of the Tolovana district: U.S. Geol. Survey Bull. 662, p. 221-277.

1918b, Lode mining in the Fairbanks district: U.S. Geol. Survey Bull. 662, p. 403-424.

1934, Mineral deposits of the Rampart and Hot Springs districts, Alaska: U.S. Geol. Survey Bull. 844-B, p. 163-226.

Moffit, F. H., 1927, Mineral industry in Alaska in 1925: U.S. Geol. Survey Bull. 792, p. 1-39.

Overbeck, R. M., 1920, Placer mining in the Tolovana district: U.S. Geol. Survey Bull. 712, p. 177-184.

Pilkington, H. D., Forbes, B. E., Hawkins, D. B., Chapman, R. M., and Swadbank, R. C., 1969, Preliminary investigation of gold mineralization in the Pedro Dome-Clearly Summit area, Fairbanks district, Alaska: U.S. Geol. Survey open-file report, 47 p.

Pridle, L. M., 1906, Yukon placer fields: U.S. Geol. Survey Bull. 284, p. 109-129.

1908, The Fairbanks and Rampart quadrangles, Yukon-Tanana region, Alaska, with a section on the Rampart placers, by F. L. Hess, and a paper on the water supply of the Fairbanks region, by C. C. Cover: U.S. Geol. Survey Bull. 337, 102 p.

1910, Auriferous quartz veins in the Fairbanks district: U.S. Geol. Survey Bull. 442, p. 210-229.

Pridle, L. M., and Katz, F. J., 1909, The Fairbanks gold-placer region: U.S. Geol. Survey Bull. 379, p. 181-200.

1913, Geology of the Fairbanks district, in Pridle, L. M., A geologic reconnaissance of the Fairbanks quadrangle, Alaska: U.S. Geol. Survey Bull. 525, p. 39-152.

Smith, F. S., 1913, Lode mining near Fairbanks, in Pridle, L. M., A geologic reconnaissance of the Fairbanks quadrangle, Alaska: U.S. Geol. Survey Bull. 525, p. 139-216.

1926, Mineral industry of Alaska in 1924: U.S. Geol. Survey Bull. 783, p. 1-30.

1931, Mineral industry of Alaska in 1929: U.S. Geol. Survey Bull. 824, p. 1-81.

1936, Mineral industry of Alaska in 1934: U.S. Geol. Survey Bull. 868-A, p. 1-91.

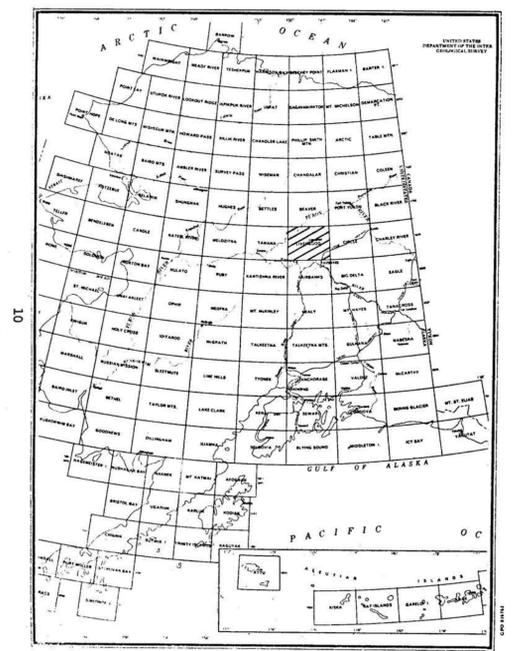
1941, Mineral industry of Alaska in 1939: U.S. Geol. Survey Bull. 926-A, p. 1-106.

1942, Mineral industry of Alaska in 1940: U.S. Geol. Survey Bull. 933-A, p. 1-102.

Martie, J. B., Jr., 1934, Placer concentrates of the Rampart and Hot Springs districts: U.S. Geol. Survey Bull. 844-D, p. 227-246.

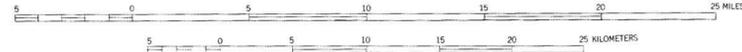
Wedow, Helmut, Jr., Killeen, P. L., and others, 1954, Reconnaissance for radioactive deposits in eastern interior Alaska, 1946: U.S. Geol. Survey Circ. 331, 36 p.

Wedow, Helmut, Jr., White, M. G., and others, 1954, Reconnaissance for radioactive deposits in east-central Alaska, 1949: U.S. Geol. Survey Circ. 335, 22 p.



Base by U.S. Geological Survey, 1966

SCALE 1:250,000



CONTOUR INTERVAL 200 FEET  
DOTTED LINES REPRESENT 100 FOOT CONTOURS  
DATA IN S. MEAN SEA LEVEL



**EXPLANATION**

- ◇ 6 Lode deposit
  - X 62 Placer deposit
  - 37 Placer deposit
  - 87 Placer deposit
- numbers refer to accompanying list

**METALLIC MINERAL RESOURCES MAP OF THE LIVENGOOD QUADRANGLE, ALASKA**  
Compiled by Edward H. Cobb 1972

For sale by U. S. Geological Survey, price \$5.00

Index map showing location of the Livengood quadrangle.