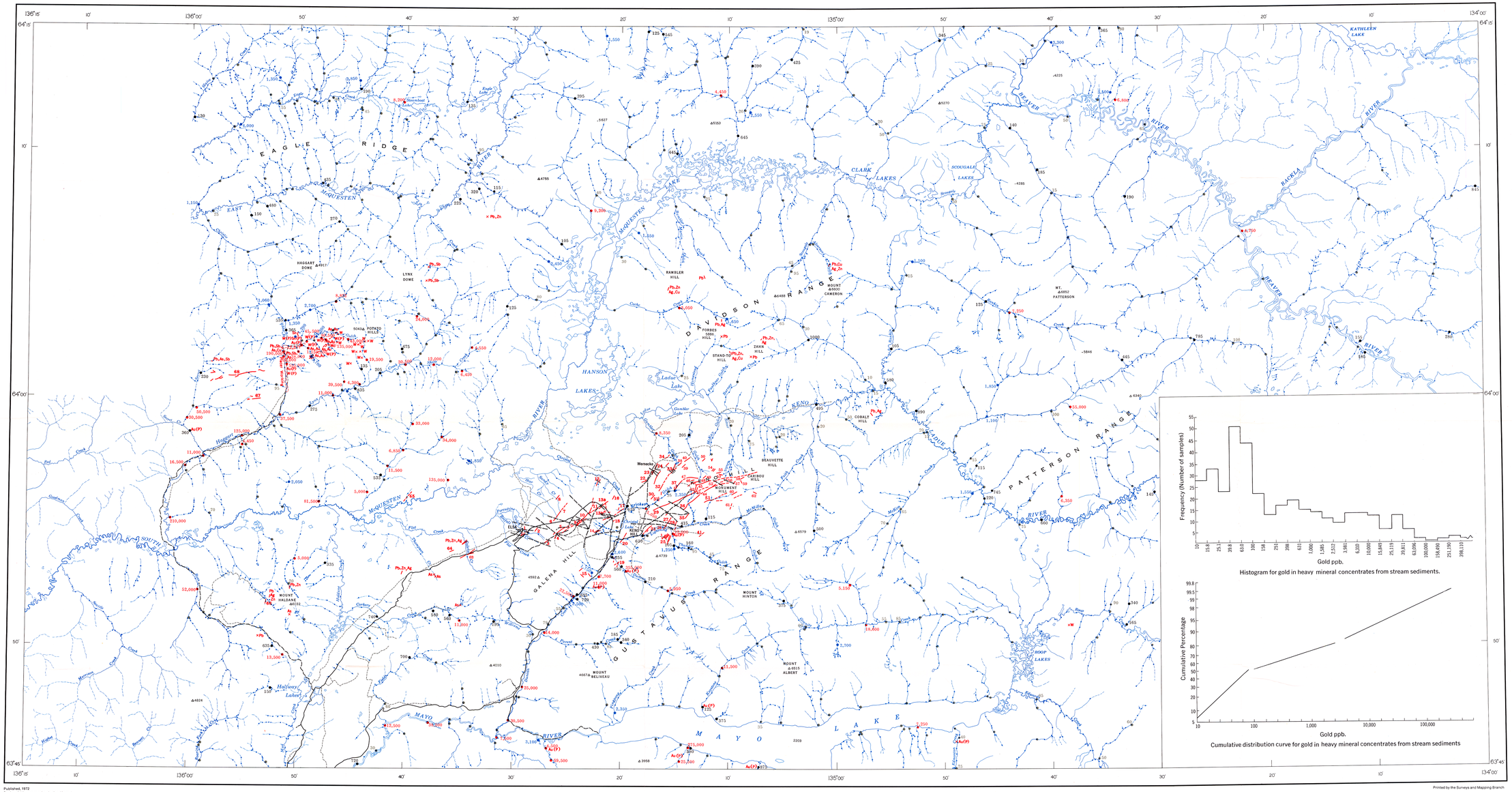
GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES



Histogram for gold in heavy mineral concentrates from stream sediments.

Cumulative distribution curve for gold in heavy mineral concentrates from stream sediments

LEGEND

Concentration of gold, less than 100 ppb
Below sensitivity limit .....
Concentration measured 25
Concentration of gold, 101-1,000 ppb 200
Concentration of gold, 1,001-4,000 ppb 2,000
Concentration of gold, greater than 4,001 ppb 5,000
Sample location of other elements in stream and spring sediments .....
(For references see text)
Location of known veins .....
Mineral occurrence ..... Au ×
Mineral deposit 12

Mineral Symbols

Arsenic	As	Silver	Ag
Antimony	Sb	Tungsten (lode)	W
Copper	Cu	Tungsten (placer)	W(P)
Gold (lode)	Au	Tin (lode)	Sn
Gold (placer)	Au(P)	Tin (placer)	Sn(P)
Lead	Pb	Zinc	Zn
Molybdenum	Mo		

INDEX TO MINES AND PROSPECTS

1. Elsa
2. Dixie
3. Coral and Wigwam
4. Arctic and Mastiff
5. Ruby
6. No Cash
7. Betty
8. Cream
9. Hector
10. Calumet
11. Dragon (UN)
12. Formo
13a. Galkeno (McLeod vein)
13b. Galkeno (Sime and Sugiyama veins)
14. Eagle
15. Fisher Creek
16. Bluebird
17. Tin Can
18. Rico
19. Duncan Creek
20. Moth
21. Omek
22. Klondyke-Keno
23. Sadie-Friendship
24. Ladue
25. Bellekeno
26. Mount Keno (Hogan vein)
27. Ankeno
28. Mount Keno (Rimer vein)
29. Dorothy
30. Kijo
31. Croesus No. 1
32. Black Cap and Shepherd
33. Lucky Queen
34. Lake
35. Vanguard
36. Apex
37. Shamrock
38. Highlander
39. Cub and Bunny
40. Stone
41. Homestake
42. No. 6
43. Porcupine-Klaman
44. Comstock
45. No. 9
46. No. 1
47. Gambler
48. Main fault and Nabob
49. Lake View
50. Nabob No. 2
51. Helen Fraction
52. Gold Hill No. 2
53. Ladue Fraction
54. Fox
55. Silver Basin
56. Gold Queen
57. Duncan
58. Alice
59. Caribou
60. Divide
61. Devon
62. Faith
63. Silver King
64. Gerlitsky
65. Shanghai
66. Lookout
67. Rex
68. Peso Silver

Field work by C. F. Gleeson, W. M. Tupper, A. Suparman, K. Domai, M. Shafiqullah, J.A. Colwell, J. R. Deighton, C. H. Yurchak, J.K. Worth, H. R. James, A.G. Troup, G. Wind, L. Hogg, and F. R. Campbell

Analyses by Bondar-Clegg & Company Ltd., Vancouver

To accompany GSC Paper 71-51 by R.W. Boyle and C. F. Gleeson

Geological cartography by the Geological Survey of Canada, 1966, 1972.

Roads, all weather .....
Other roads .....
Trail .....
Intermittent lake and stream .....
Horizontal control point .....
Elevation in feet above mean sea-level 2095

Base-map cartography by the Geological Survey of Canada, 1966 from maps published by the Surveys and Mapping Branch and by the Army Survey Establishment, R. C. E.

Approximate magnetic declination, 34°25' East, decreasing 4.2' annually

Published, 1972
Copies of this map may be obtained from the Geological Survey of Canada, Ottawa

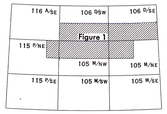
INDEX MAP

Figure 1. Gold content of heavy mineral concentrates from stream sediments, Keno Hill area, Yukon.

Scale 1:126,720
1 inch to 2 miles

Miles 2 0 2 4 6 Miles
Kilometres 3 0 3 6 9 Kilometres

Printed by the Surveys and Mapping Branch



N. T. S. REFERENCE
KENO HILL AREA
YUKON

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