

LEGEND

Water sample locations used in this report (stream, spring) ● =
 Sediment sample location (stream, spring) ○ =
 Spring site sample number 6-607

Positive Residual Cold Extractable Metal Anomalies

Values in ppb

50 (omitted) □
 100 - 199 □
 200 - 500 □
 500 and greater □

Moving average contours for cold extractable metal values in ppb 100

Location of known veins Mo X
 Mineral occurrence Mo X
 Mineral deposit Mo X

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

Field work by C.F. Gleeson, V.M. Tupper, A. Supaman, K. Doma, J.K. Worth, H.R. James, A.G. Troup, G. Wind, L. Hogg, and F.R. Campbell

Analyses by Industrial Waters Section, Mines Branch, Dept. of Energy, Mines and Resources, Ottawa

Compilation and text by C.F. Gleeson and R.W. Boyle

To accompany GSC Paper 75-14 by C.F. Gleeson and R.W. Boyle

Geological cartography by the Geological Survey of Canada

Roads, all weather
 Other roads
 Trail
 Intermittent lake and stream
 Horizontal control point
 Elevation in feet above mean sea-level 4324

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° 17' East, decreasing 46' annually

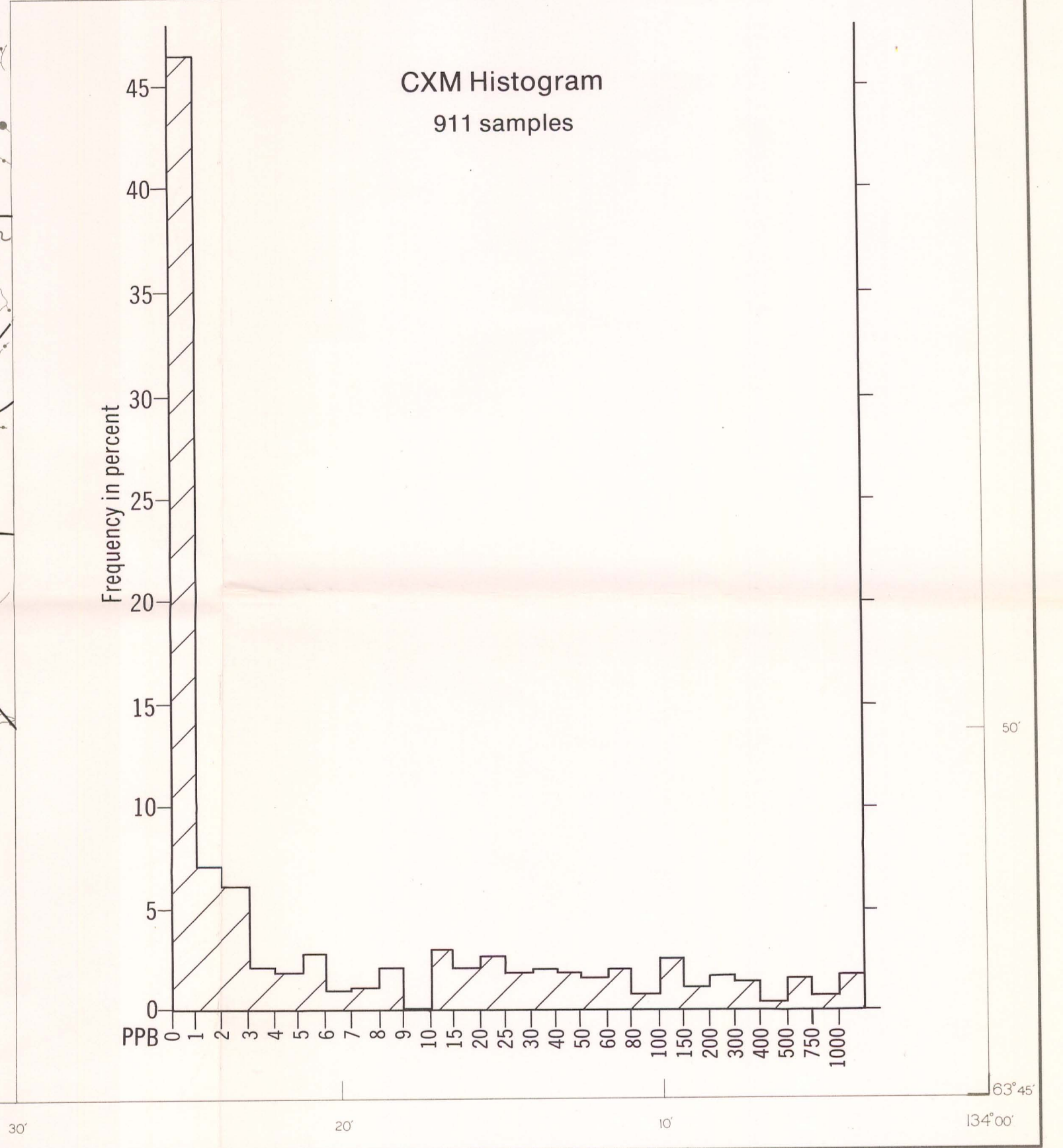
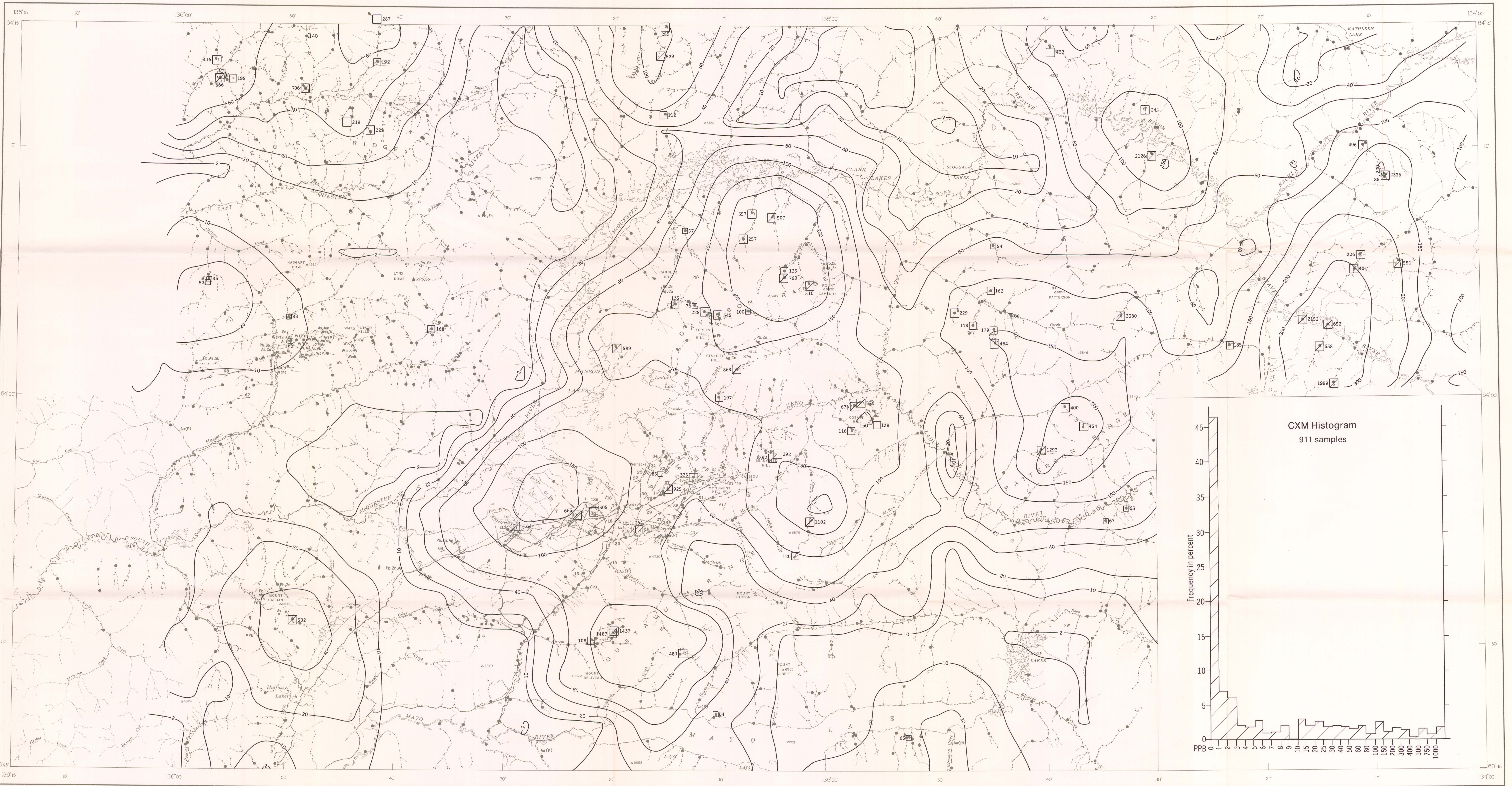
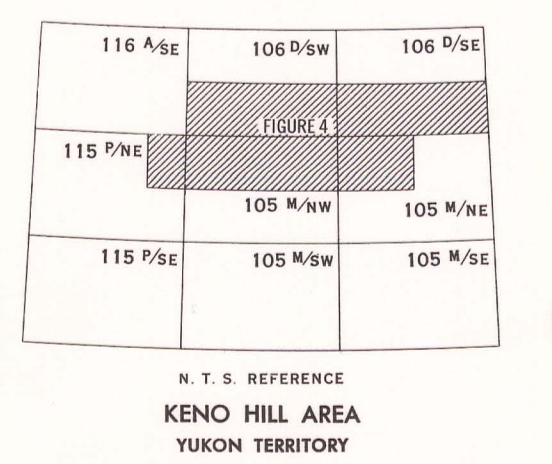
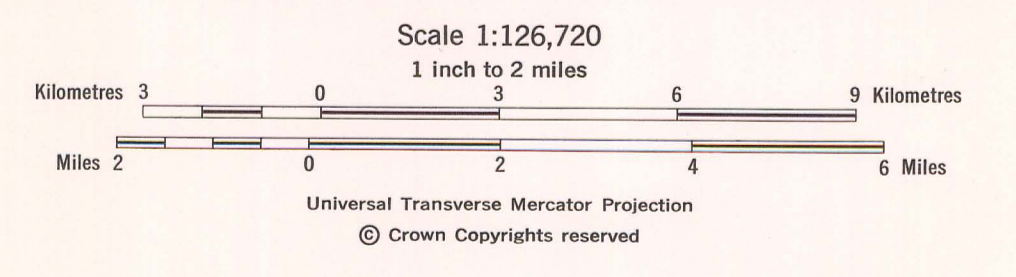
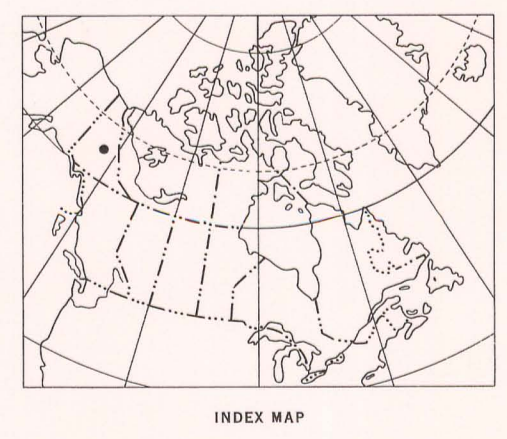


Figure 4. Regional (moving average) and residual values for cold extractable metal (CXM) in surface and spring waters, Keno Hill area, Yukon Territory

Copies of this map may be obtained from the Geological Survey of Canada, 601 South Street, Ottawa, Ontario K1A 0E8, 2923 - 33rd Street, N.W., Calgary, Alberta T2L 2A7



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