

LEGEND

Water sample locations used in this report (stream, spring)
Sediment sample location (stream, spring)
Spring site sample number-S-407

Positive Residual Cl Anomalies

Values in ppm

0.2 (omitted)
0.2 - 0.4
0.5 - 0.7
0.8 - 0.9
1.0 and greater

Moving average contours for Cl values in ppm

Location of known veins
Mineral occurrence
Mineral deposit

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. Sadie-Friendship	46. No. 1
2. Dixie	24. Ladue	47. Gambler
3. Coral and Wigam	25. Bellekeno	48. Main fault and Nabob
4. Arctic and Mastiff	26. Mount Keno (Hogan vein)	49. Lake View
5. Ruby	27. Ankeno	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. Ladue 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	36. Apex	59. Caribou
13c. Salyama veins)	37. Shamrock	60. Divide
14. Eagle	38. Highlander	61. Devon
15. Fisher Creek	39. Cub and Bunny	62. Silver King
16. Bluebird	40. Stone	63. Fatih
17. Tin Can	41. Homestake	64. Gerlitsky
18. Rico	42. No. 6	65. Shanghai
19. Duncan Creek	43. Porcupine-Kimman	66. Lookout
20. Moth	44. Comstock	67. Rex
21. Onak	45. No. 9 (Keno sime)	68. Peso Silver
22. Klondyke-Keno		

Field work by C.F. Gleeson, W.M. Tupper, A. Supaman, K. Doms, N. Shafrinuliah, J.A. Colwell, J.K. Deighton, C.H. Yurchak, 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.M. Boyle

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

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

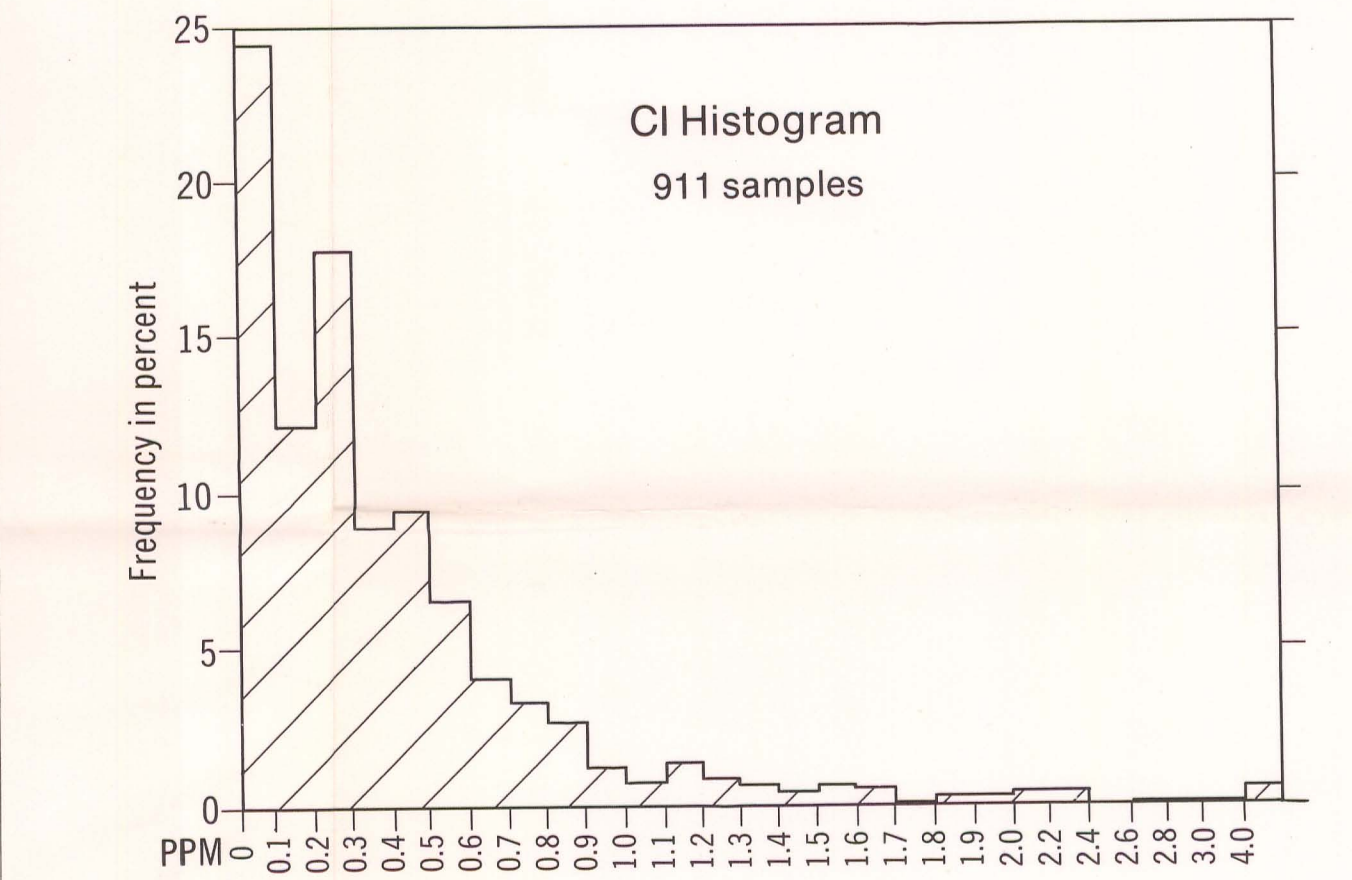
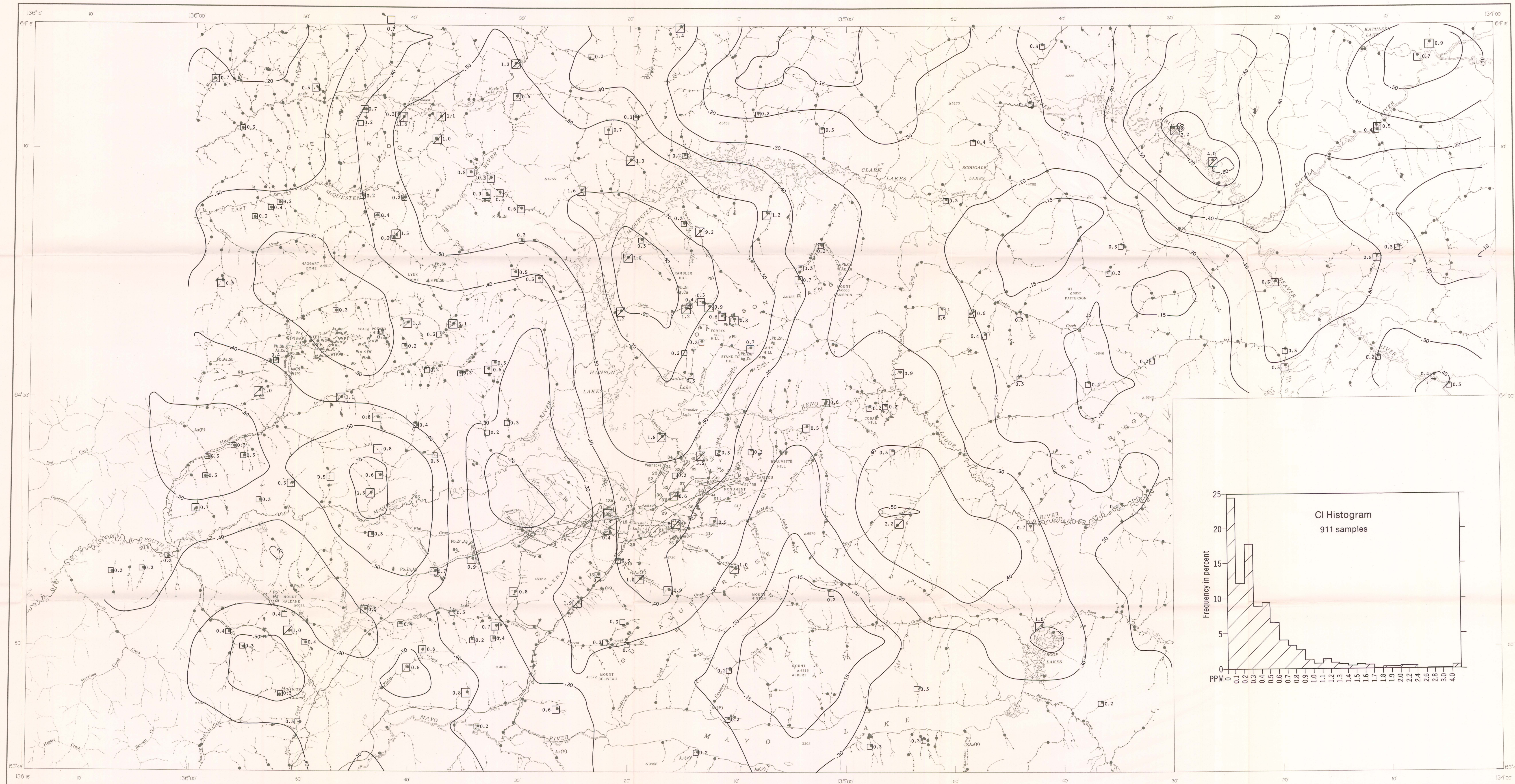
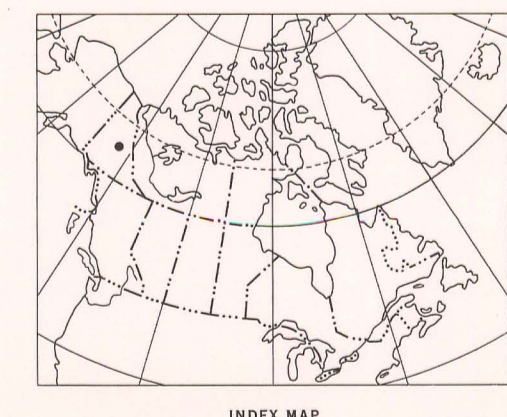


Figure 5. Regional (moving average) and residual values for chloride in surface and spring waters, Keno Hill area, Yukon Territory

Scale 1:126,720
1 inch to 2 miles

Kilometers 3 0 3 6 9
Miles 2 0 2 4 6

Universal Transverse Mercator Projection
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N.T.S. REFERENCE
KENO HILL AREA
YUKON TERRITORY

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Geological Survey of Canada
Commission Géologique du Canada
Ottawa, Canada K1A 0S8

Copies of this map may be obtained from the Geological Survey of Canada, 603 Booth Street, Ottawa, Ontario K1A 0S8, 3303 - 33rd Street, N.W., Calgary, Alberta T2L 2A7

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