

LEGEND

Water sample locations used in this report (stream, spring)

 Sediment sample location (stream, spring)

 Spring site sample number

Positive Residual SO₄ Anomalies

Values in ppm

10 (omitted)

 10 - 24

 25 - 49

 50 - 99

 100 and greater

Moving average contours for SO₄ 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 Miwam	25. Bellekeno	48. Main fault and Nabob
4. Arctic and Mastiff	26. Mount Keno (Hogan vein)	49. Lake View
5. Ruby	27. Jolene	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. Kijo	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. Ferns	34. Lake	57. Duncan
13a. Galieno (McLeod vein)	35. Vanguard	58. Alice
13b. Galieno (Sime and Sapiyama 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. Moch	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, W.M. Tupper, A. Suparman, K. Doms, M. Shafroutian, J.A. Colwell, J.H. Delighton, 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.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

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.C.E.

Approximate magnetic declination, 34° 17' East, decreasing 46' annually

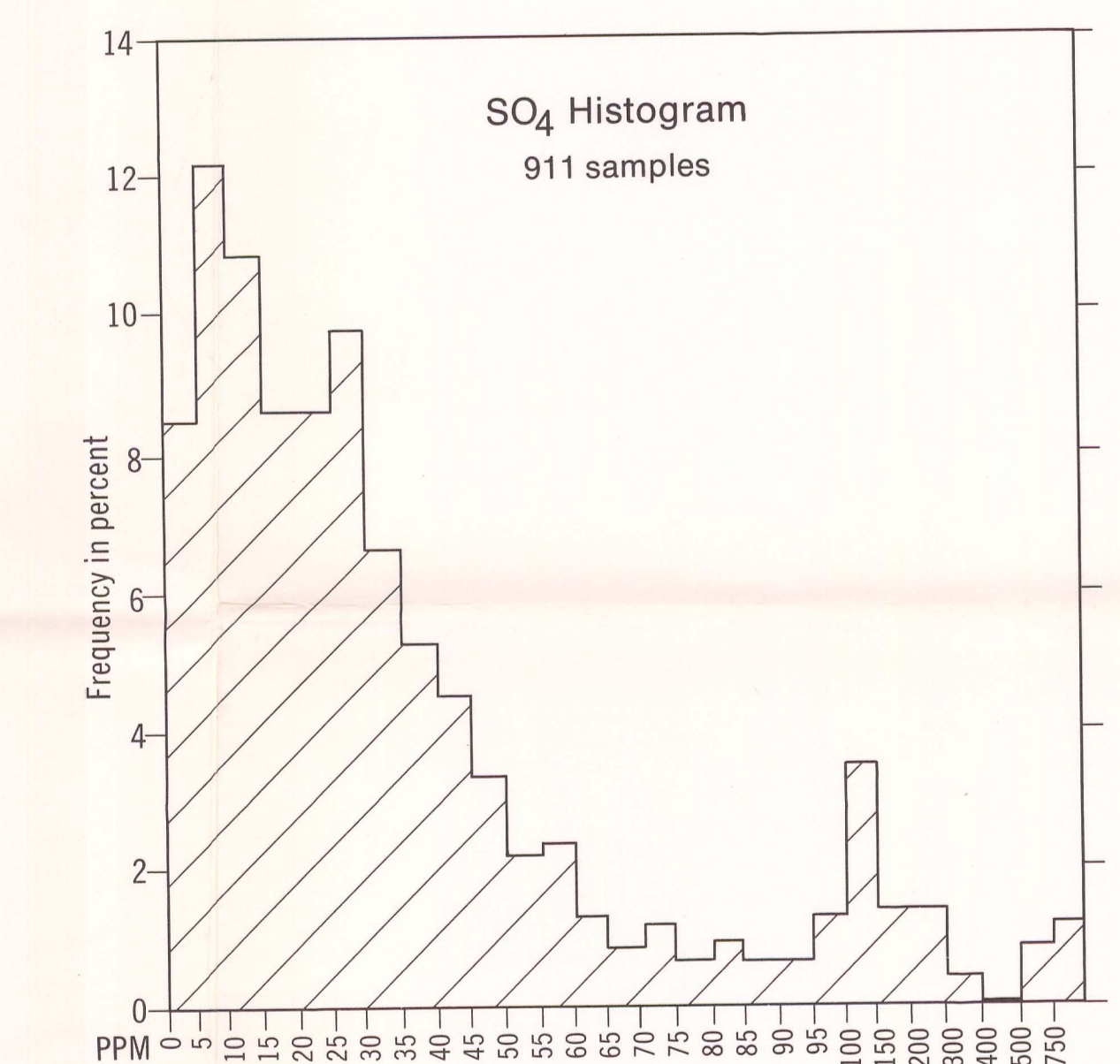
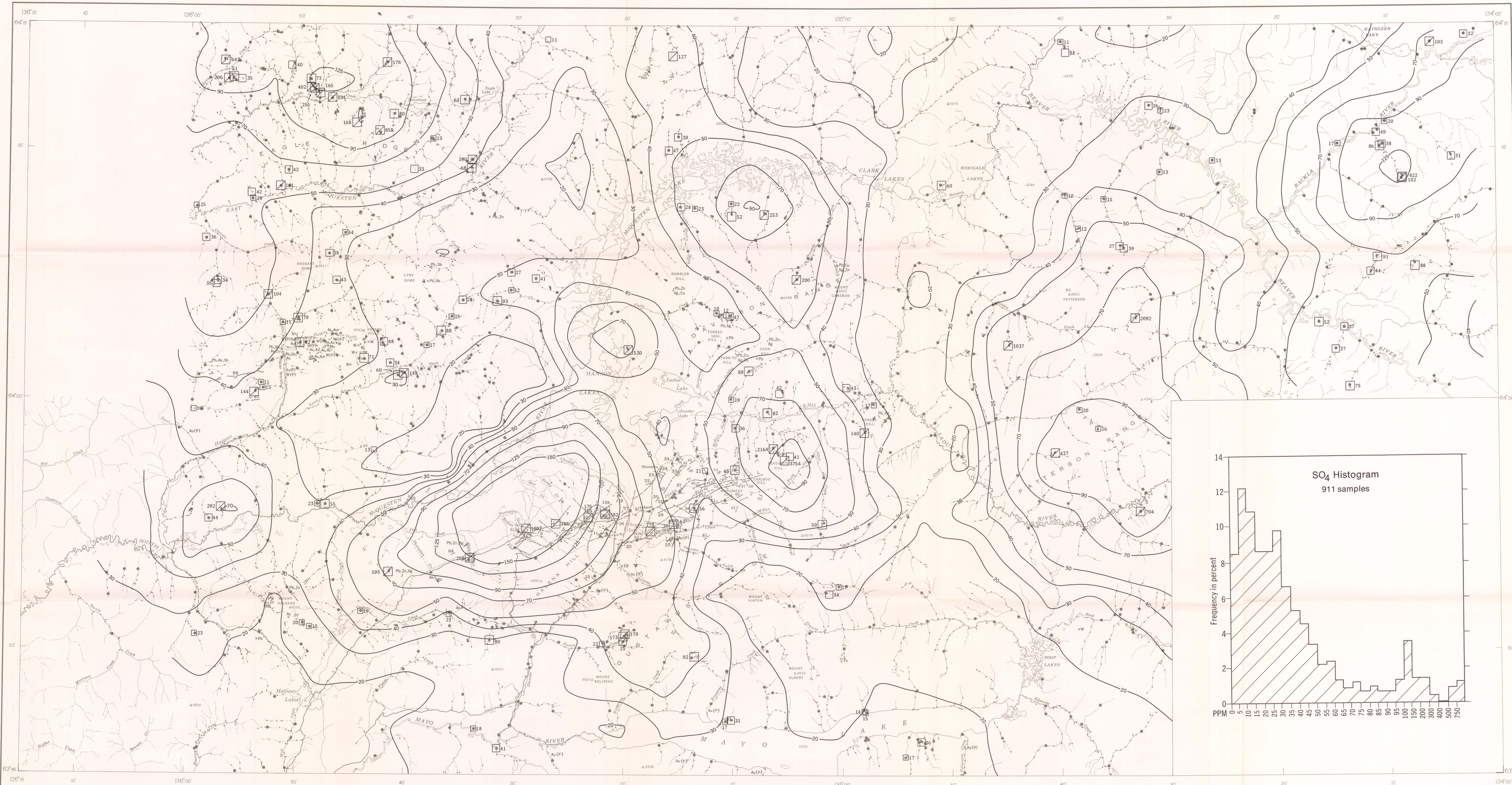


Figure 6. Regional (moving average) and residual values for sulphate in surface and spring waters, Keno Hill area, Yukon Territory

