

**LEGEND**

Water sample locations used in this report (stream, spring) .....
   
 Sediment sample location (stream, springs) .....
   
 Spring site sample number ..... S-607

$\frac{SO_4}{Cl}$  ppm
   
 $\frac{16.2}{24.4} = \frac{SO_4}{Cl}$  ratio

Location of known veins .....
   
 Mineral occurrence ..... Mo x
   
 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	23. Sadie-Friendship	46. No. 1
2. Ditle	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. Kijo	53. Ladue Fraction
9. Hector	31. Croesus No. 1	54. Fox
10. Calumet	32. Black Cap and Shepherd	55. Silver Basin
11. Dragon (UK)	33. Lucky Queen	56. Gold Queen
12. Formo	34. Lake	57. Duncan
13a. Galieno (McLead vein)	35. Vanguard	58. Alice
13b. Galieno (Sine and Sulphyma 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. Gerlitzky
19. Duncan Creek	42. No. 5	65. Shanghai
20. Moch	43. Porcupine-Kimman	66. Lookout
21. Onak	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. Supaman, K. Corral, M. Sharfquhab, J.A. Colwell, J.K. Beighton, C.H. Turchak, J.K. Worth, H.R. James, A.G. Troup, G. Wind, L. Hogg, and F.R. Campbell

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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 ..... 4824

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

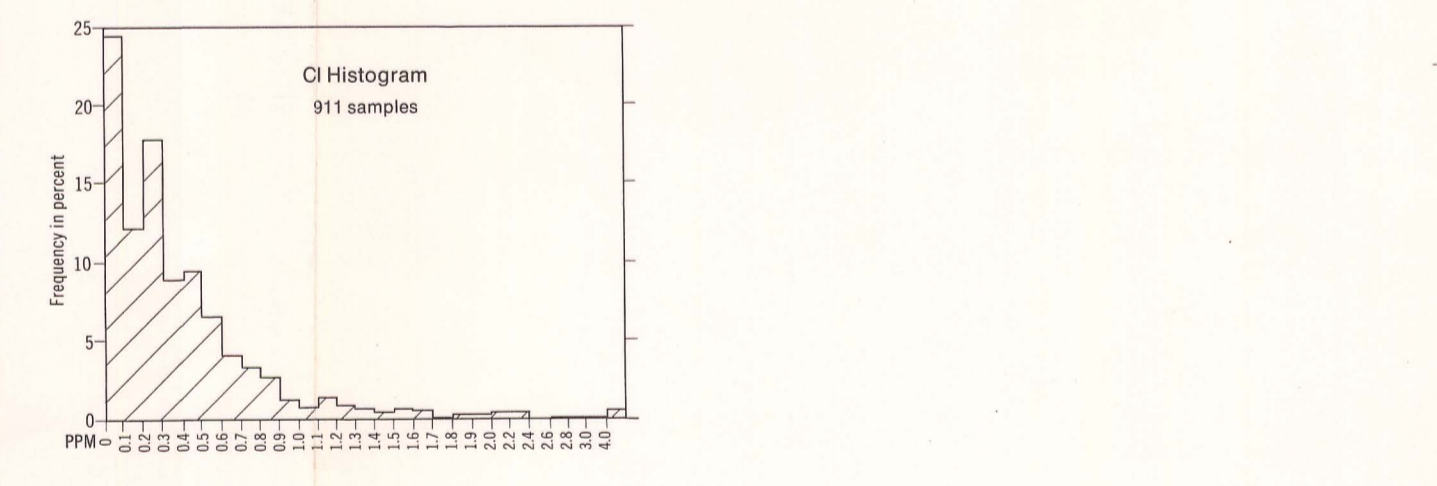
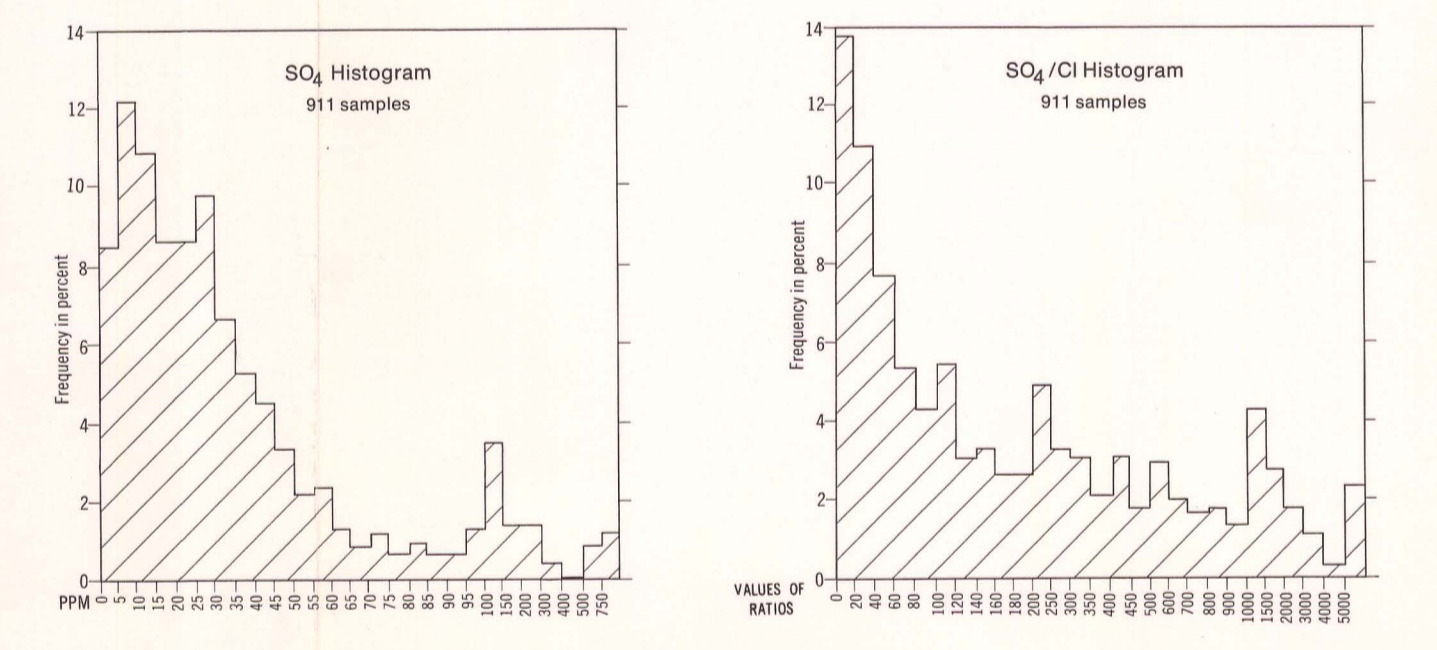
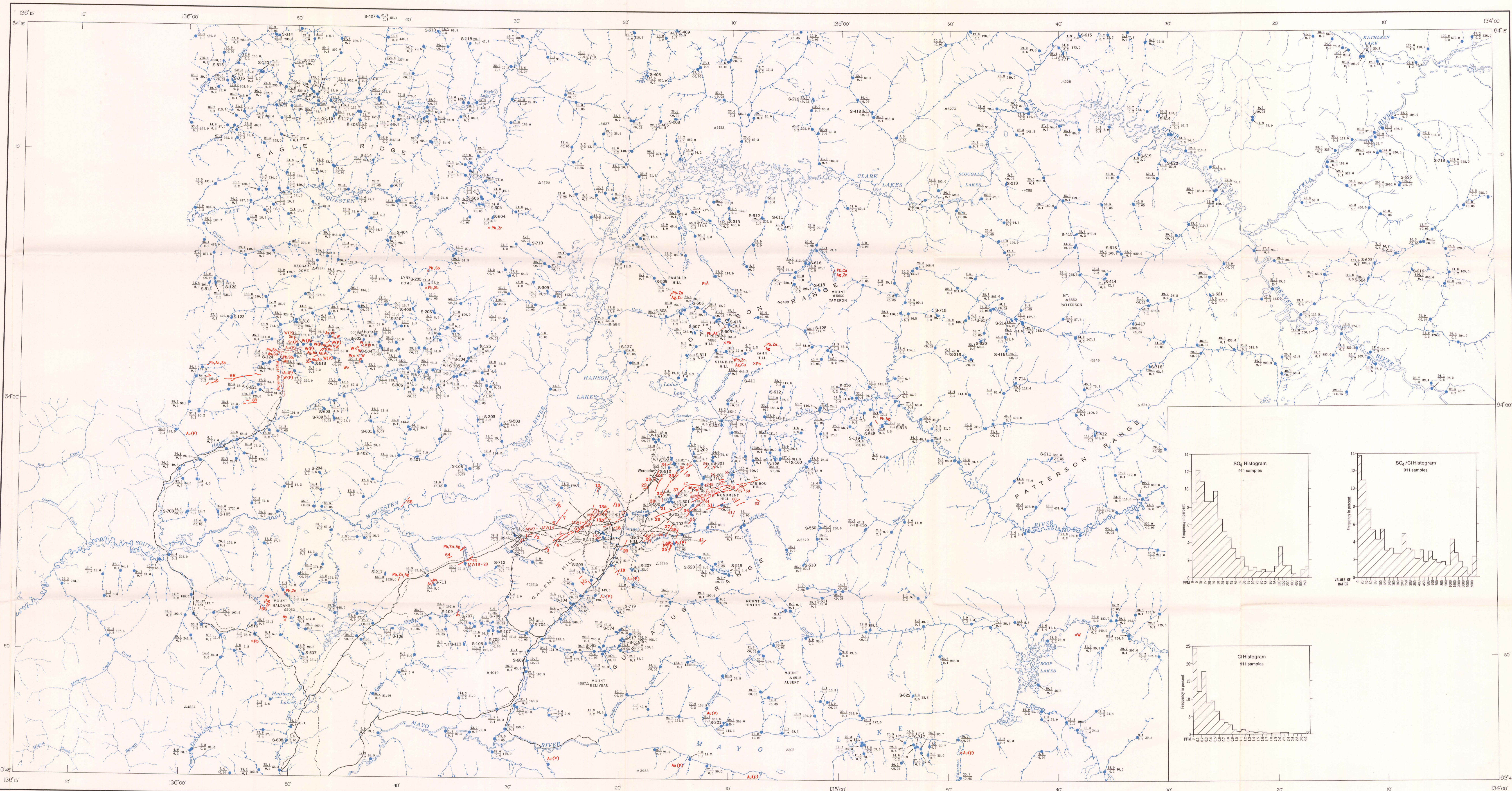
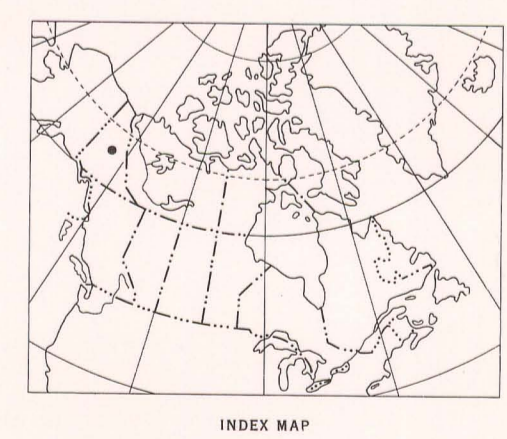
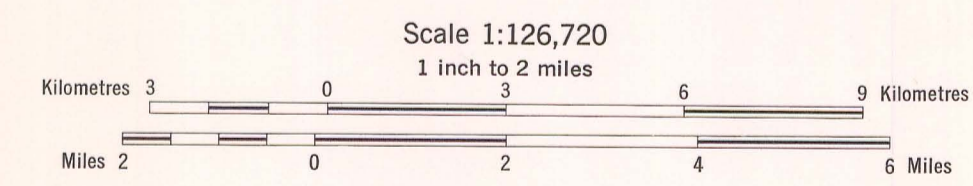


Figure 1. Sulphate, chloride, and sulphate/chloride ratios of surface and spring waters, Keno Hill area, Yukon Territory



N.T.S. REFERENCE

116 A/E	106 W/S	106 S/E
115 P/W	105 W/W	105 W/E
115 P/S	105 M/W	105 M/E

KENO HILL AREA  
YUKON TERRITORY

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 Geological Survey of Canada  
 Commission Géologique du Canada  
 Ottawa, Canada K1A 0H8

Copies of this map may be obtained from the Geological Survey of Canada, 603 Booth Street, Ottawa, Ontario K1A 0H8, 3905 - 33rd Street, N.W., Calgary, Alberta T2C 2A7

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