

LEGEND

Water sample locations used in this report (stream, spring)
Sediment sample location (stream, spring)
Spring site sample numberS-607

Positive Residual SO_4 Anomalies

Values in ppm

10 (omitted)
10 - 24
25 - 49
50 - 99
100 and greater
Moving average contours for SO_4 values in ppm20

Location of known veins
Mineral occurrenceMo x
Mineral deposit12

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 Kigwan
4. Arctic and Mastiff
5. Ruby
6. No Cash
7. Betty
8. Cream
9. Hector
10. Calumet (UN)
11. Dragon (UN)
12. Forno
13a. Galeno (McLeod vein)
13b. Galeno (Sine and Sugiyama veins)
14. Eagle
15. Fisher Creek
16. Bluebird
17. Tin Can
18. Rico
19. Duncan Creek
20. Moth
21. Onek
22. Klondyke-Keno
23. Sadie-Friendship
24. Ladue
25. Bellekeno
26. Mount Keno (Hogan vein)
27. Anteno
28. Mount Keno (Runer vein)
29. Dorothy
30. Kijo
31. Croesus No. 1
32. Black Cap and Shepherd
33. Lucky Queen
34. Lake
35. Vanquard
36. Apex
37. Shamrock
38. Highlander
39. Cub and Bunny
40. Stone
41. Homestake
42. No. 6
43. Porcupine-Kirman
44. Comstock
45. No. 9 (Keno mine)
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. Fatih
63. Silver King
64. Gerlitsky
65. Shanghai
66. Lookout
67. Rex
68. Peso Silver

Field work by C.F. Gleeson, W.M. Tupper, A. Supaman, K. Domal,
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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-level4824

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, $34^\circ 17'$ East, decreasing $46'$ annually

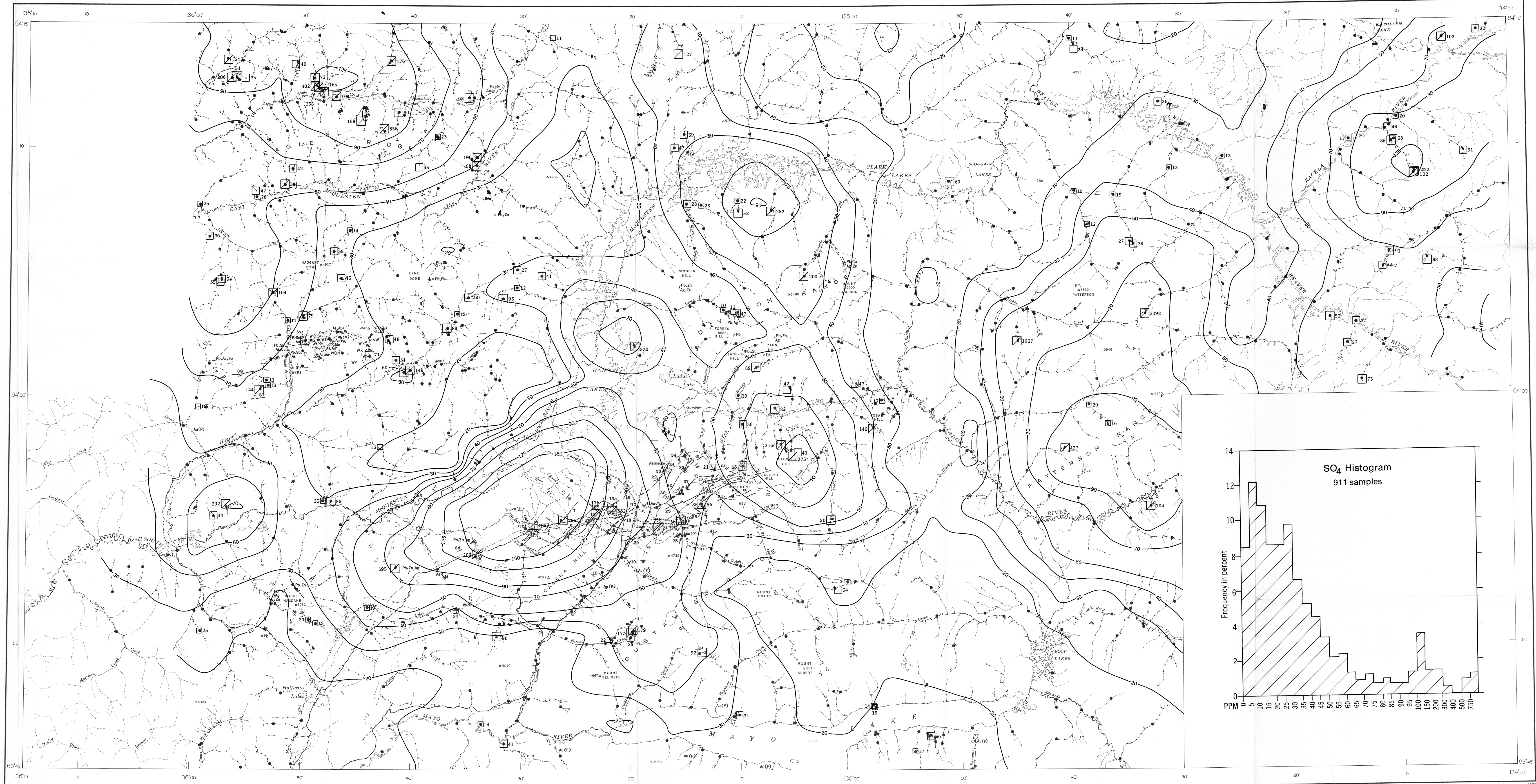


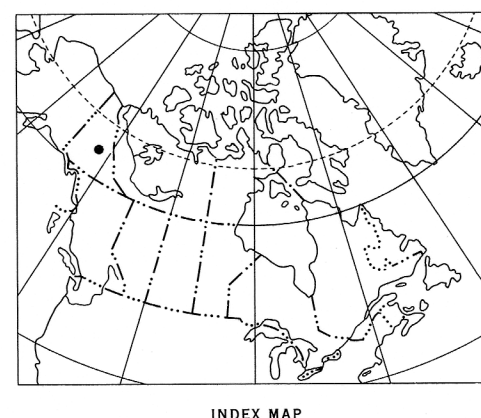
Figure 6. Regional (moving average) and residual values for sulphate in surface and spring waters, Keno Hill area, Yukon Territory

Scale 1:126,720
1 inch to 2 miles

Kilometres 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



INDEX MAP