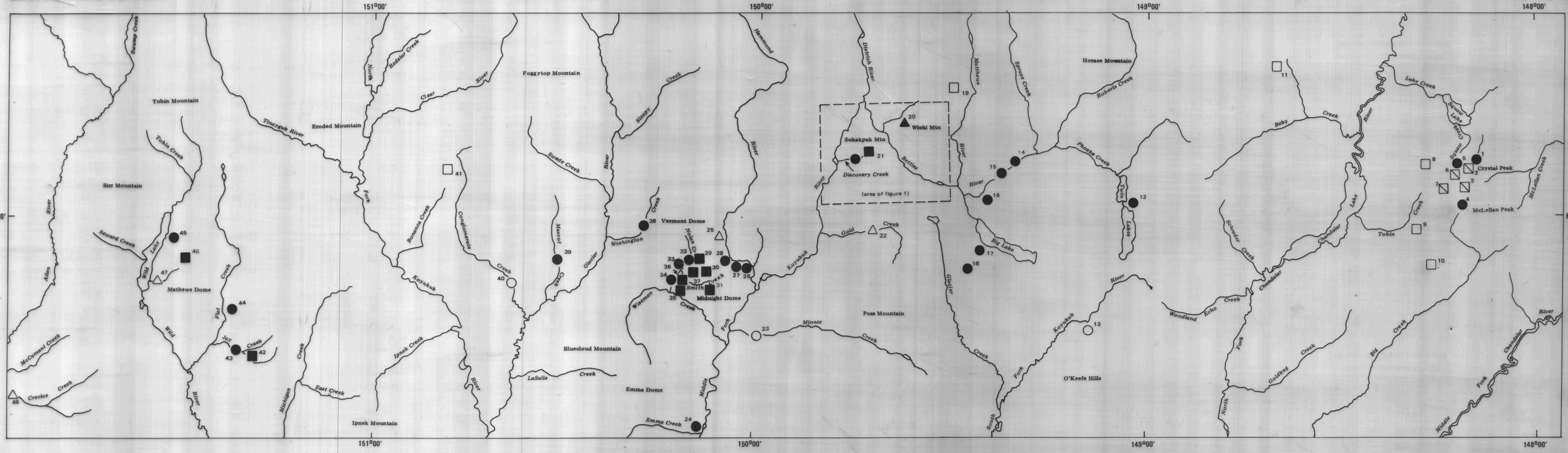
ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

ALASKA OPEN-FILE REPORT 158
PLATE 1



Base from U.S. Geological Survey Chandalar (1976) and Wiseman (1977) Quadrangles, Alaska.

Mineral occurences compiled from Brosge(1970), Cobb (1981), and Dillon (unpublished data,1982).

This report has not received final editing and review. The author is solely responsible for its content and will appreciate candid comments on the accuracy of the data as well as suggestions to improve the report.

SCALE 1:250,000

5 0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

CONTOUR INTERVAL 200 FEET

DATUM MEAN SEA LEVEL

MAGNETIC DECLINATION (1975) VARIES FROM ABOUT 27° EAST FOR THE CENTER OF THE WEST EDGE TO ABOUT 29° EAST FOR THE CENTER OF THE EAST EDGE

EXPLANATION

(sample numbers refer to geometrical data shown in table 1)

- 8 Au-bearing quartz vein
- 7 Productive quartz-Au vein
- 11 Quartz-stibnite-Au vein, with or without production
- 20 Stibnite occurrence
- 23 Au-placer prospect
- 18 Productive Au-placer
- 22 Au placer with stibnite quartz vein fragments in concentrate

DISTRIBUTION AND CHARACTERISTICS OF GOLD DEPOSITS IN THE UPPER KOYUKUK AND CHANDALAR DISTRICTS, ALASKA.