

Figure 1. Distribution of available gold concentrations in stream-sediment samples collected on Unga, Popof, Korovin, and Anindimic Islands.

Figure 2. Map showing the distribution of gold concentrations determined in bulk-concentrate and nonmagnetic heavy-mineral-concentrate samples collected from the Port Moller, Steppov Bay, and Smednov Island quadrangles, Alaska Peninsula, Alaska.

INTRODUCTION
This report presents the results of a study to determine the distribution of available gold concentrations in stream-sediment samples collected in the Bristol Bay area, Alaska. The study was conducted as part of a larger project to determine the distribution of available gold concentrations in stream-sediment samples collected in the Bristol Bay area, Alaska.

DESCRIPTION OF STUDY AREA
The study area is located in the Bristol Bay area, Alaska. It includes the Unga Strait, Pavlov Bay, and the Shumagin Islands. The study area is bounded by latitude 58° 15' N to 59° 15' N and longitude 158° 30' W to 159° 30' W.

METHODS
The study was conducted using a variety of methods, including field sampling, laboratory analysis, and data analysis. The field sampling was conducted in 1978 and 1979. The laboratory analysis was conducted at the U.S. Geological Survey, Denver, Colorado.

RESULTS
The results of the study show that the distribution of available gold concentrations in stream-sediment samples collected in the Bristol Bay area, Alaska, is highly variable. The highest concentrations were found in the Unga Strait and Pavlov Bay.

CONCLUSIONS
The study has shown that the distribution of available gold concentrations in stream-sediment samples collected in the Bristol Bay area, Alaska, is highly variable. This variability is due to a number of factors, including the geology, hydrology, and climate of the area.

ACKNOWLEDGMENTS
The author wishes to thank the following individuals for their assistance during the course of this study: J. G. Fiskelson, D. L. Kelly, and the staff of the U.S. Geological Survey, Denver, Colorado.

REFERENCES
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APPENDIX
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APPENDIX
Table 3. Correlation of map units.

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Table 4. LST QP UNITS.

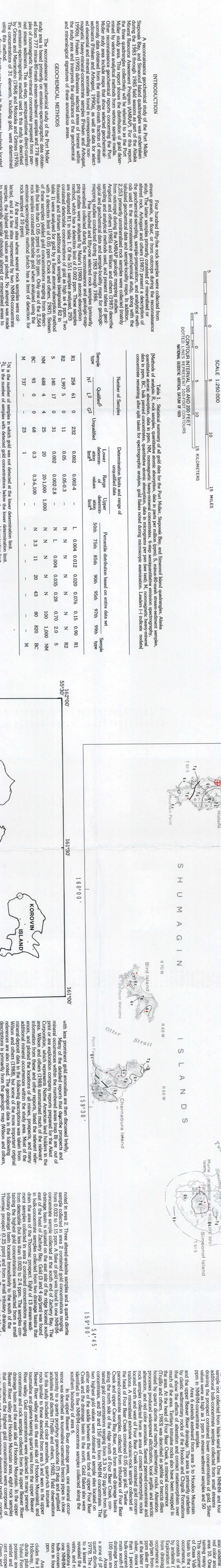


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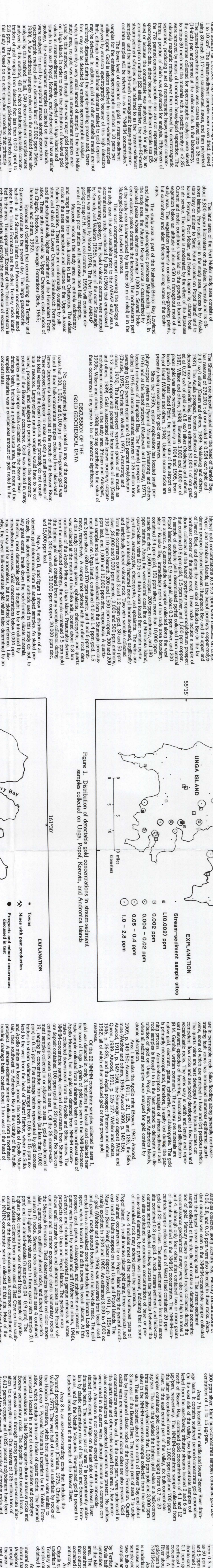


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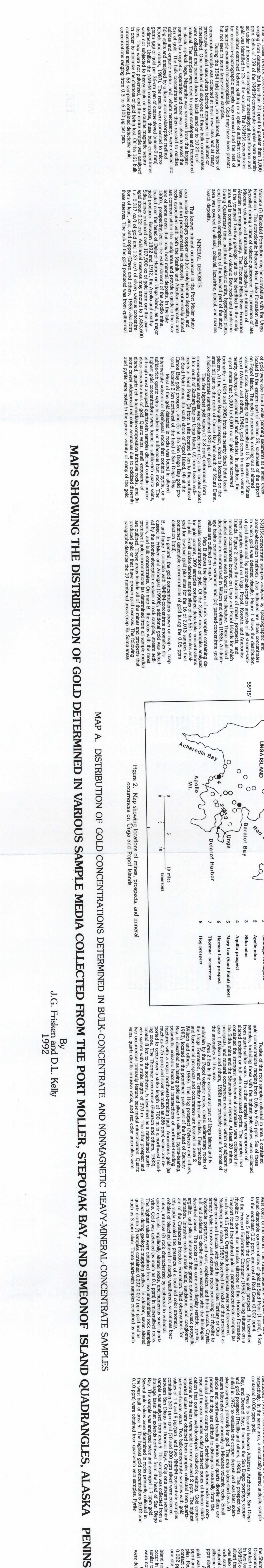


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MAPS SHOWING THE DISTRIBUTION OF GOLD DETERMINED IN VARIOUS SAMPLE MEDIA COLLECTED FROM THE PORT MOLLER, STEPOV BAY, AND SMEDNOV ISLAND QUADRANGLES, ALASKA PENINSULA, ALASKA