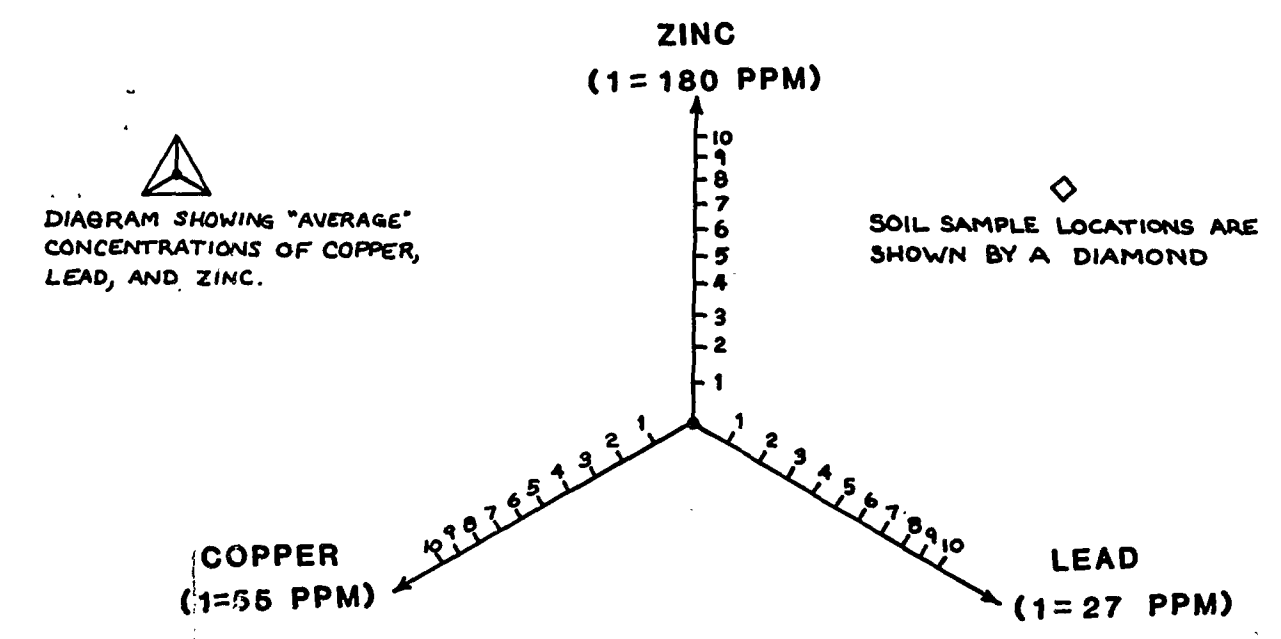


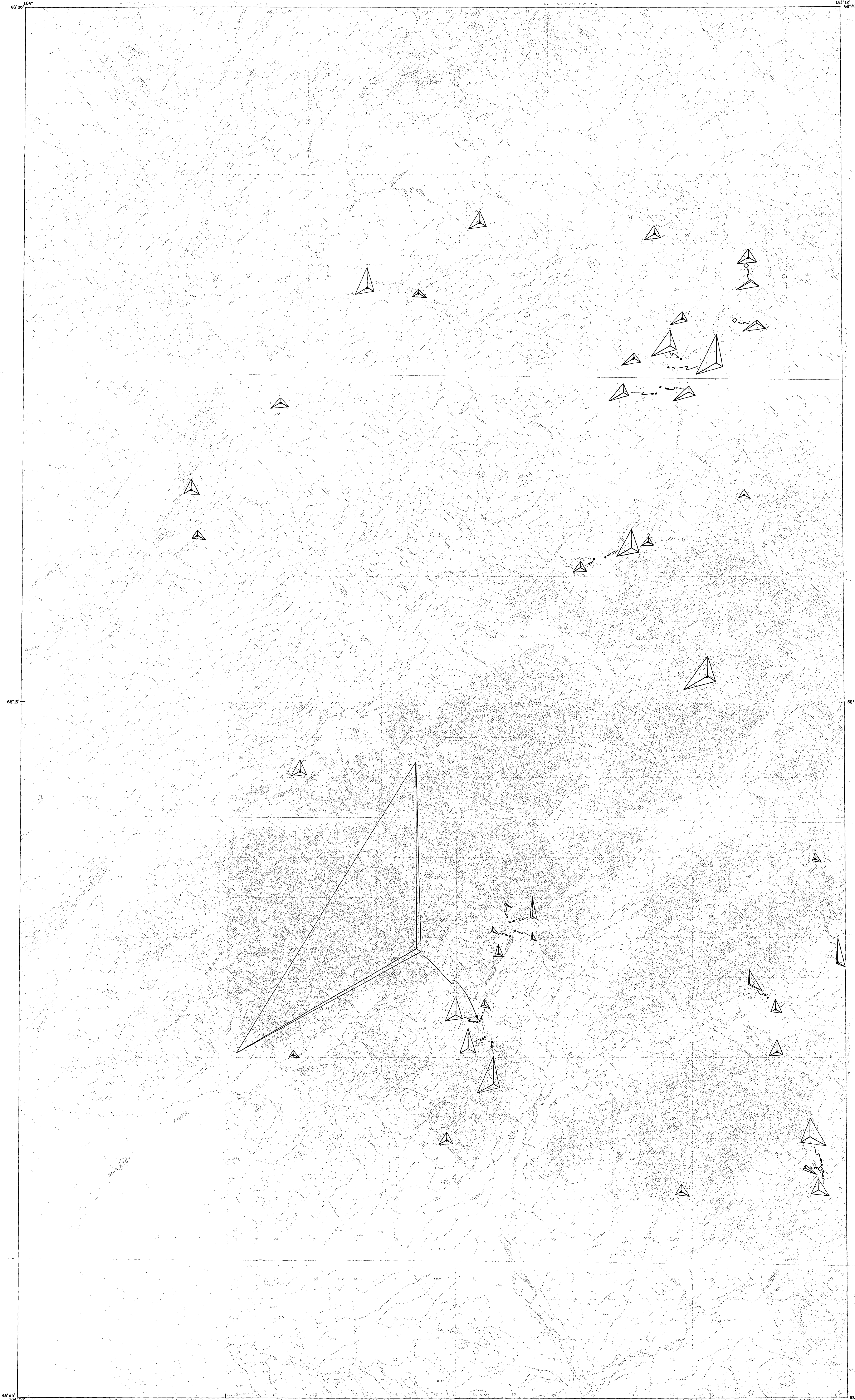
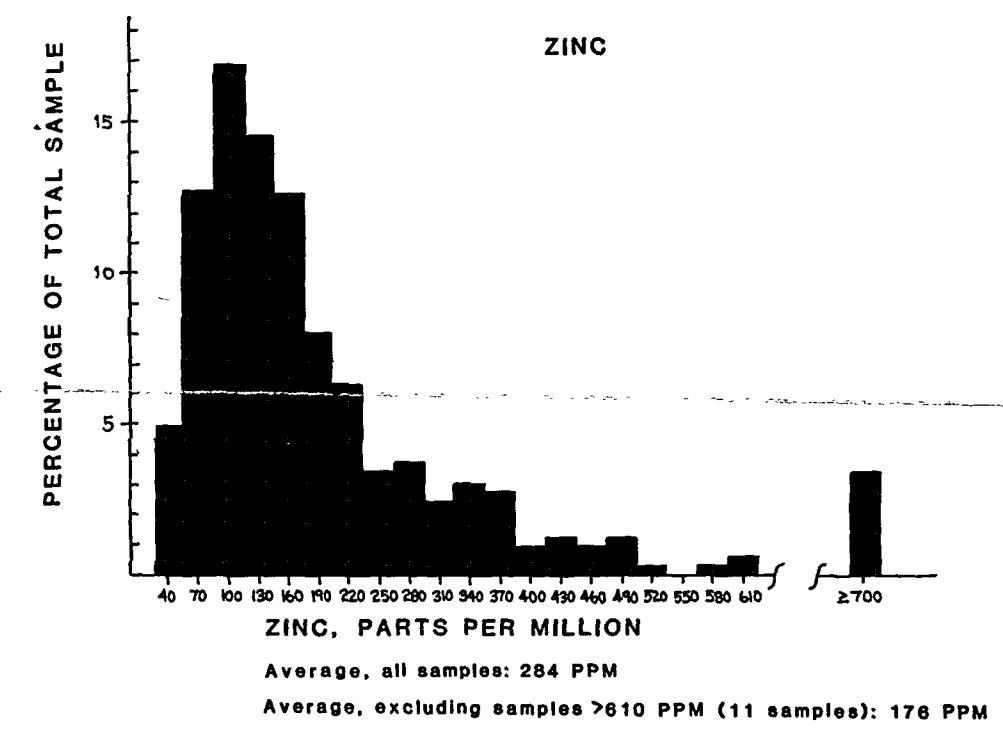
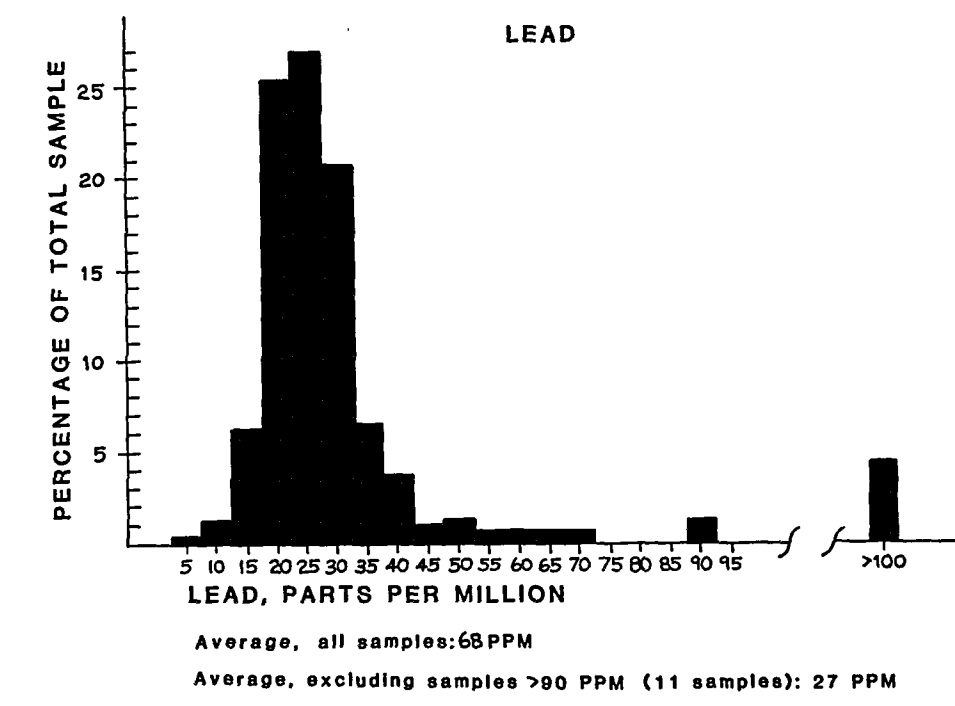
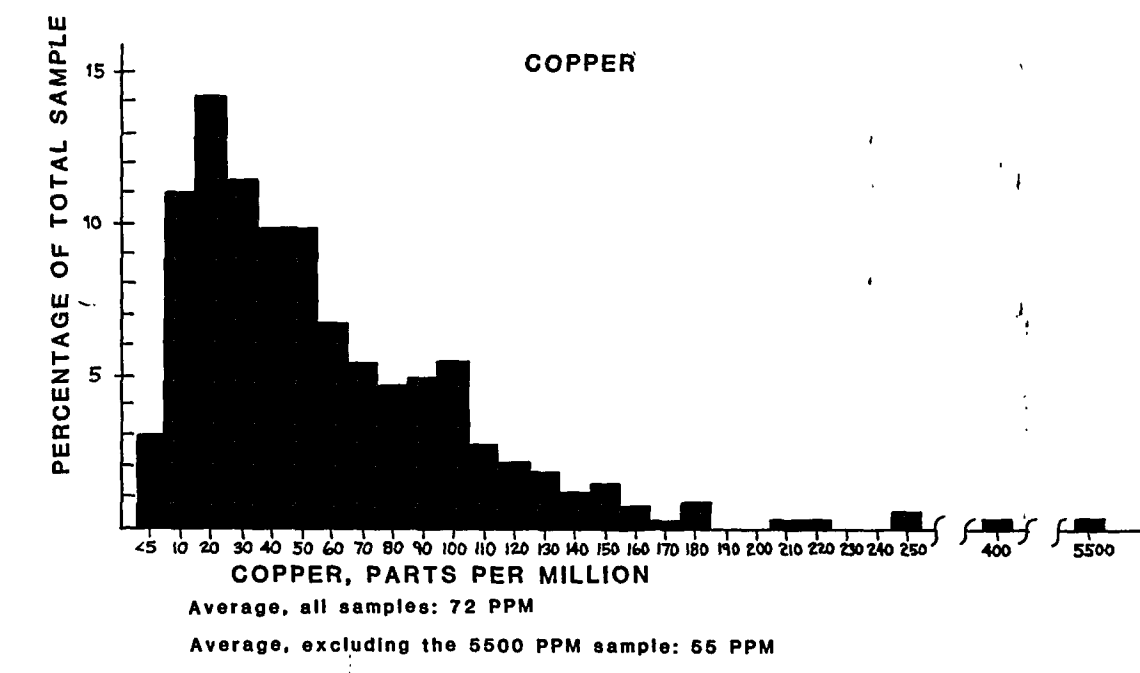
SHEET 3 OF 3: Copper, lead, and zinc in stream-sediment samples,
De Long Mountains A-3, B-3, and parts of A-4 and B-4
quadrangles, Alaska

The samples on this map (sheet 3) are more sparsely distributed than the samples on sheets 1 or 2, and so cannot be said to present a coherent picture of geochemical variations due to lithology. Of interest, however, are the samples in the upper Sooner River drainage (lat. 68° 22' N), which show relative copper and zinc enrichment, similar to those in the Chevron Hill trend (sheet 2). The very anomalous sample, extremely enriched in copper and zinc, is from a small, red-stained tributary to Puzzle Creek (lat. 68° 07' N), draining bedrock of Mississippian to Pennsylvanian black chert and shale.

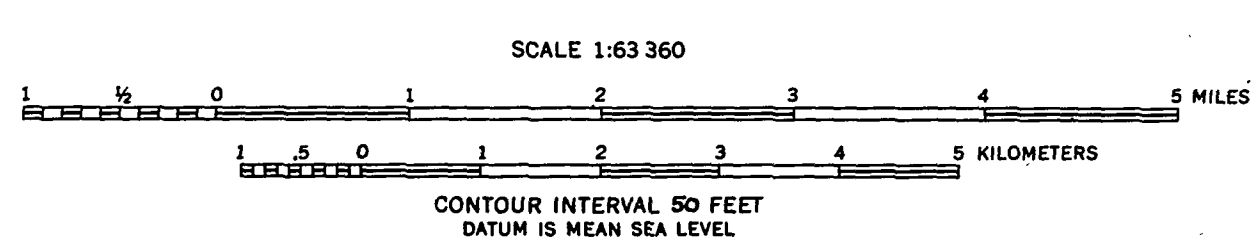
KEY TO ABUNDANCE DIAGRAMS



The length of the radial bars on element abundance diagrams is proportional to the logarithm of a multiple of the "average" value (excluding a few strongly anomalous samples) for each element. The higher the concentration, the longer the bar.



BASE BY U. S. GEOLOGICAL SURVEY, 1955
Composite of De Long Mountains A-3,
B-3, and parts of A-4 and B-4 quad-
rangles



This report is preliminary and has
not been edited or reviewed for
conformity with Geological Survey
standards and nomenclature.

SHEET 3 OF 3: A-3, B-3, AND PARTS OF A-4 AND B-4 QUADRANGLES
COPPER, LEAD, AND ZINC IN STREAM-SEDIMENT SAMPLES
FROM THE DE LONG MOUNTAINS QUADRANGLE, ALASKA
BY INYO ELLERSIECK, S. M. CURTIS, A. L. GRUZENSKY, C. F. MAYFIELD, AND I. L. TAILLEUR