

Figure 1.—Index map showing location of Shining Rock Wilderness, pegmatite, and other mineral occurrences. Locations are, in part, from Smith (1907), Glass and others (1948), and Lesure (1958).

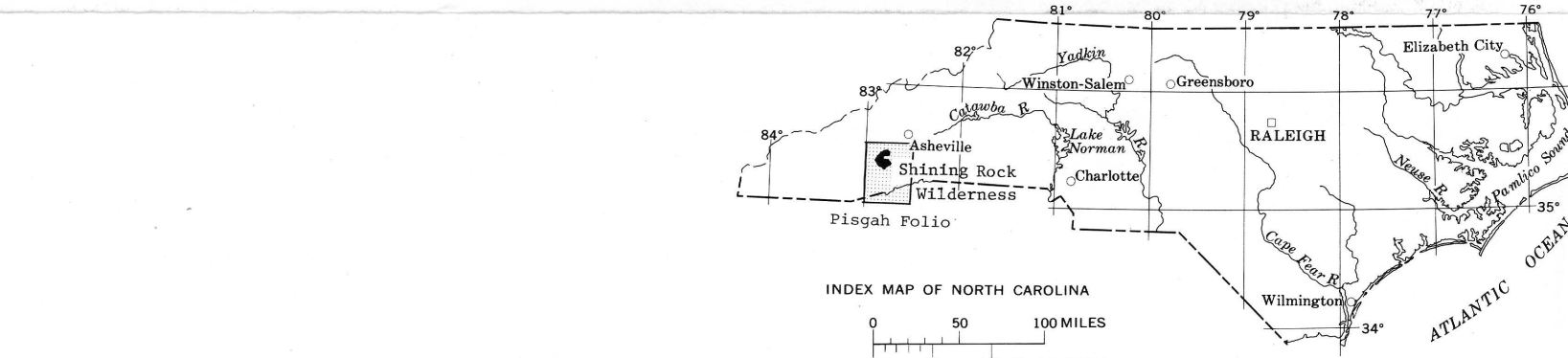


Figure 2.—Localities of stream-sediment samples and small drainage basins sampled.

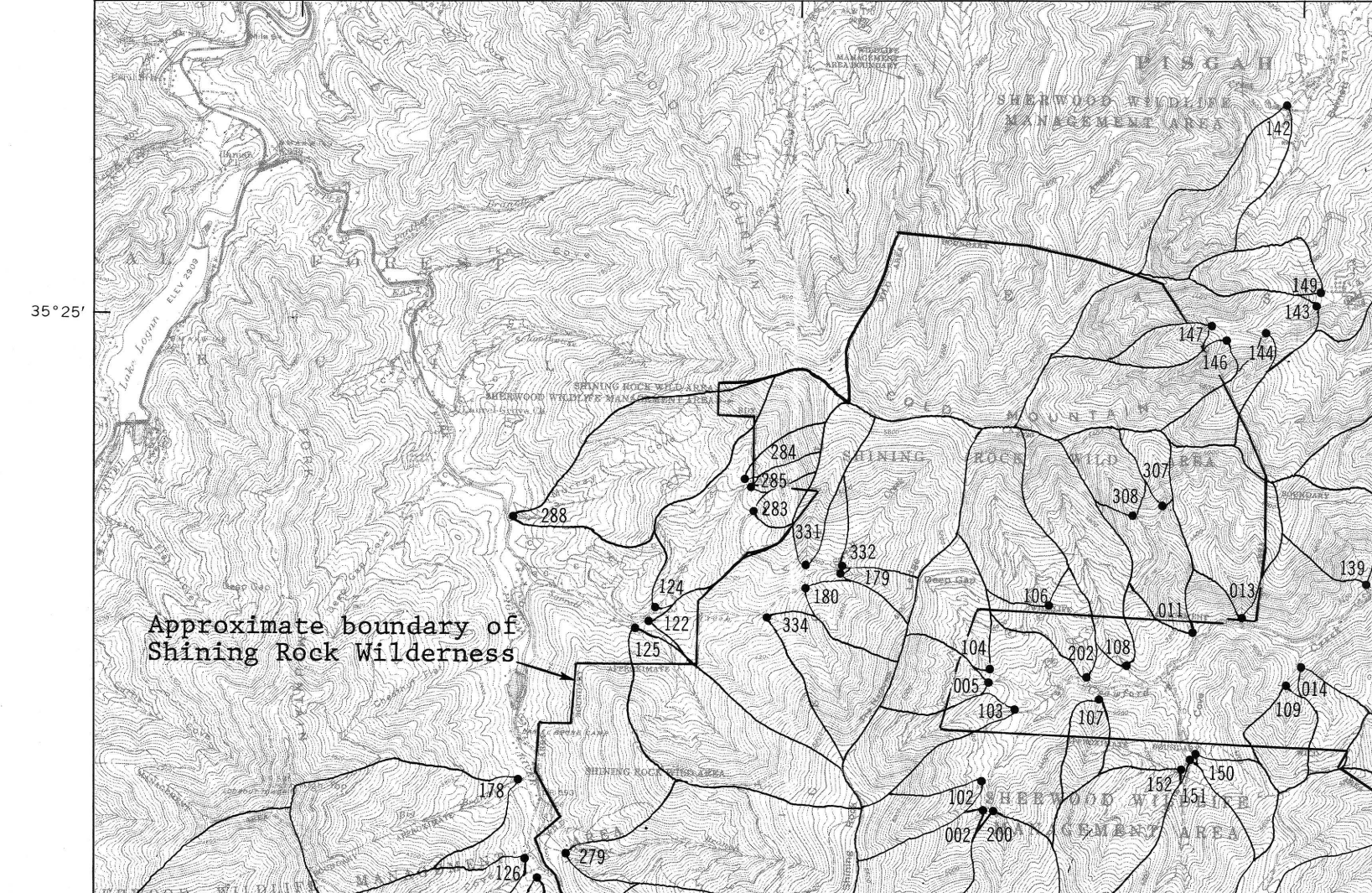


Figure 3.—Soil sample localities.

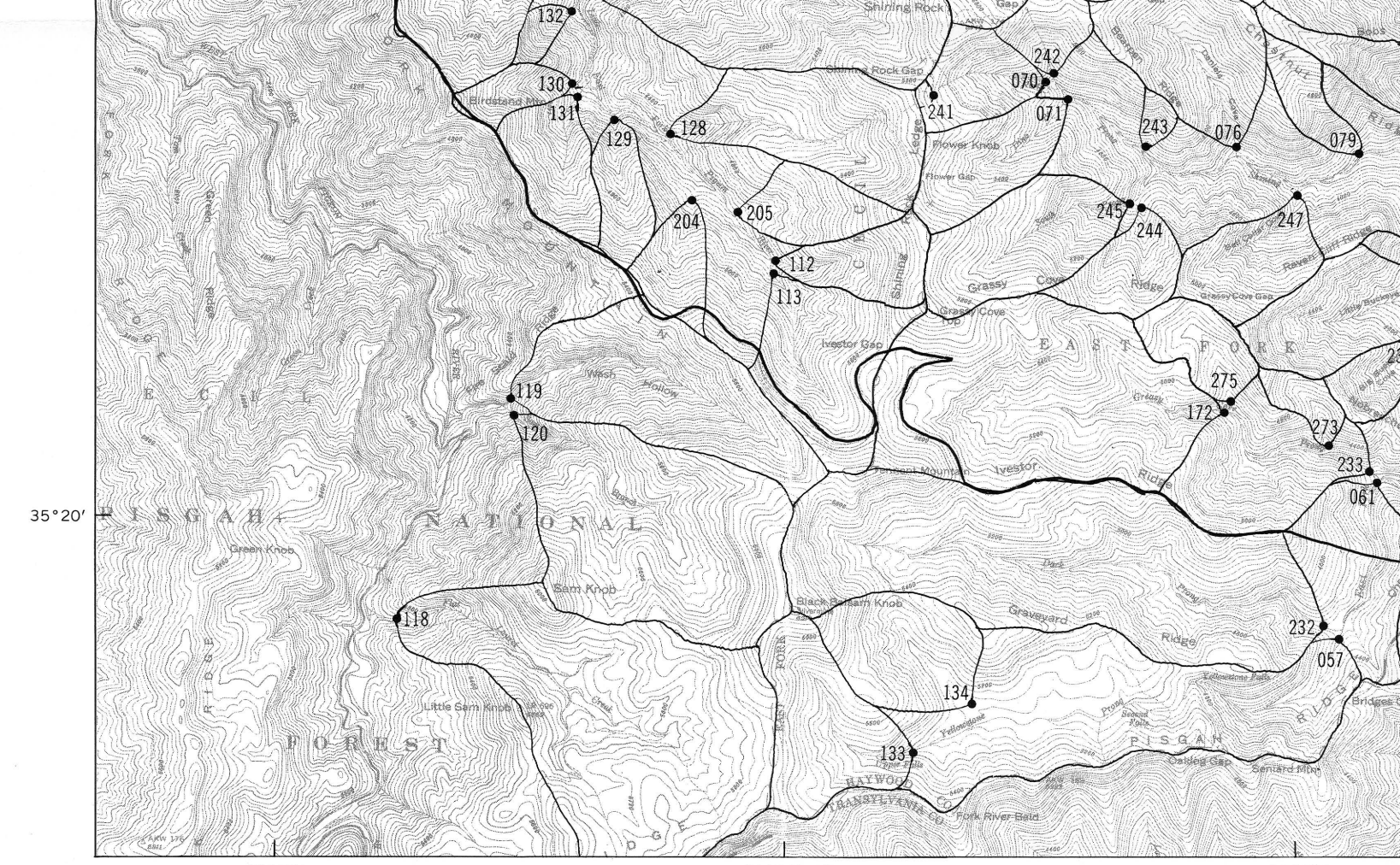


Figure 4.—Rock sample localities.

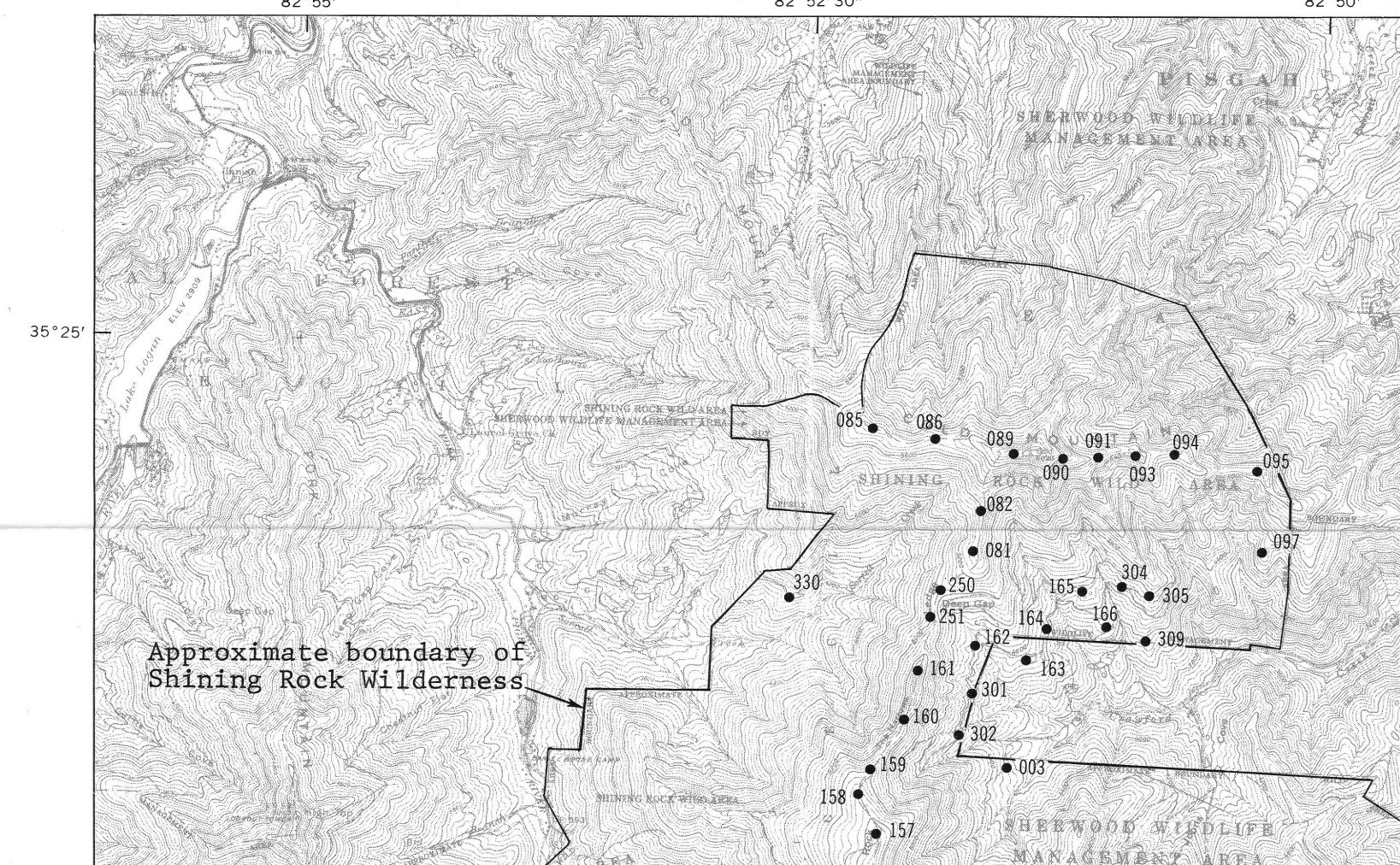


Figure 5.—Histograms showing distribution of selected elements in samples from Shining Rock Wilderness. B, not detected; L, detected but less than value shown; AM, arithmetic mean; SD, standard deviation; S, skewness; K, kurtosis. Statistical data calculated from unqualified values only.

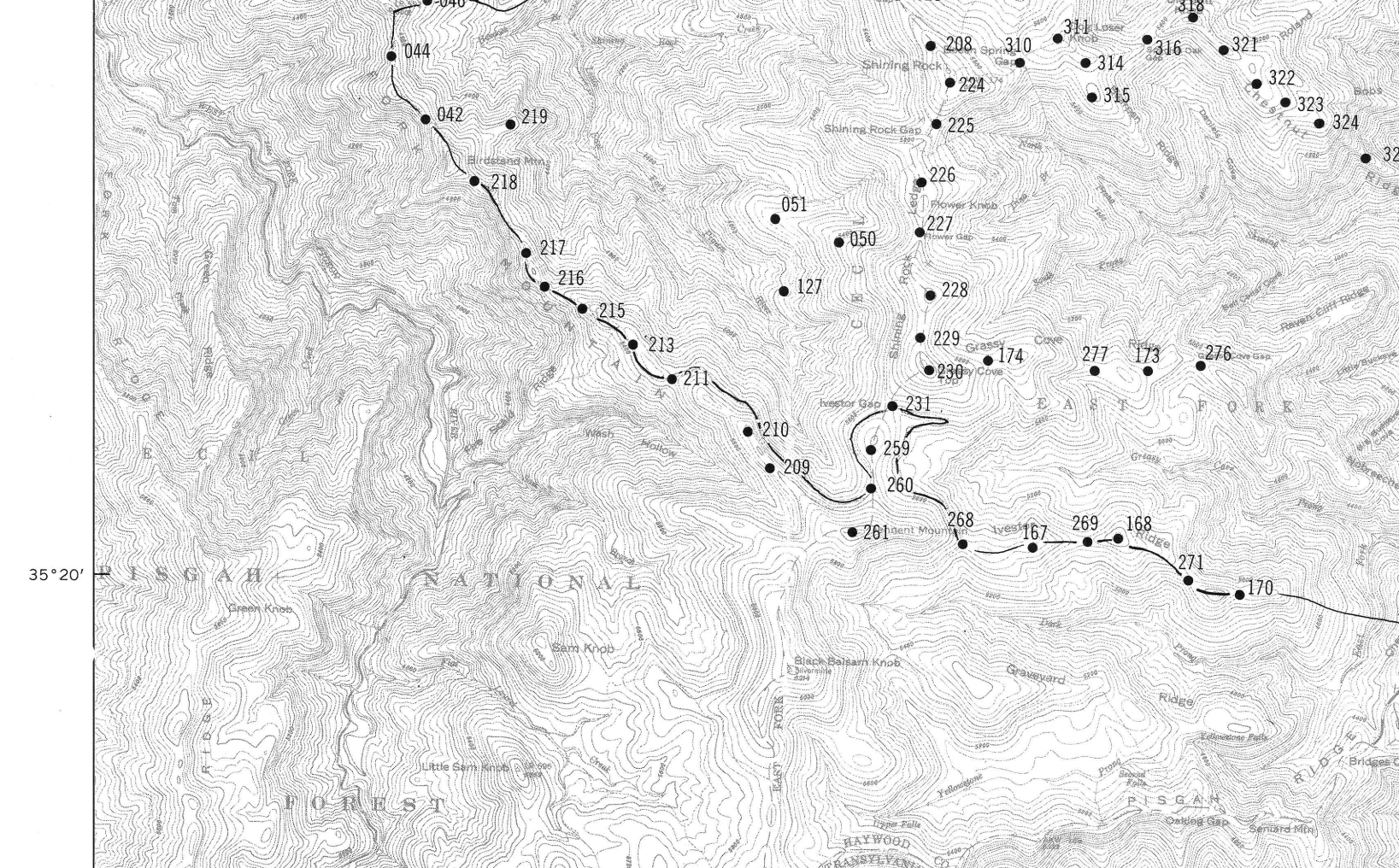


Figure 6.—Distribution of gold (Au) in rock.

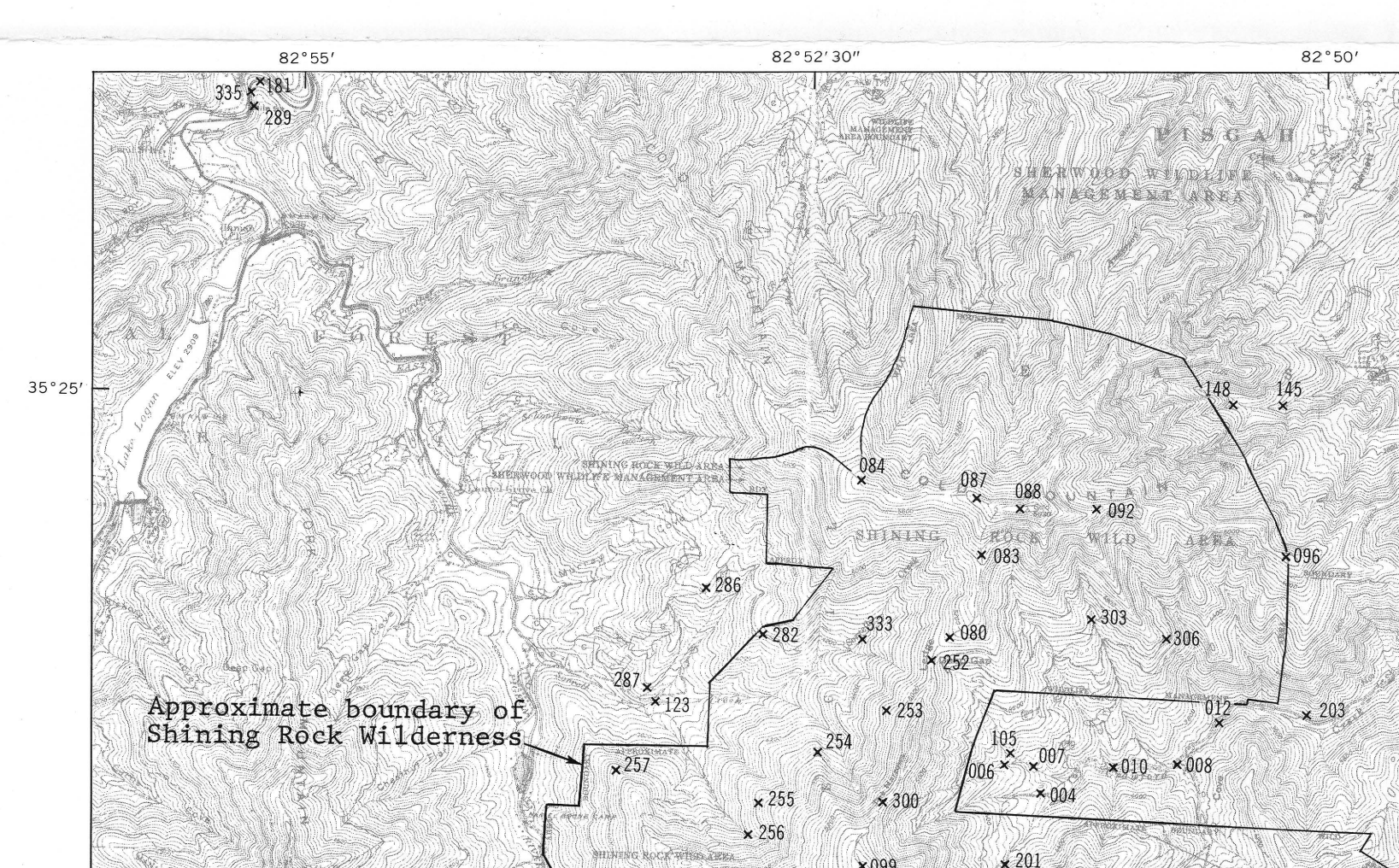


Figure 7.—Distribution of cobalt (Co) in soil.



Figure 8.—Distribution of chromium (Cr) in stream sediments.

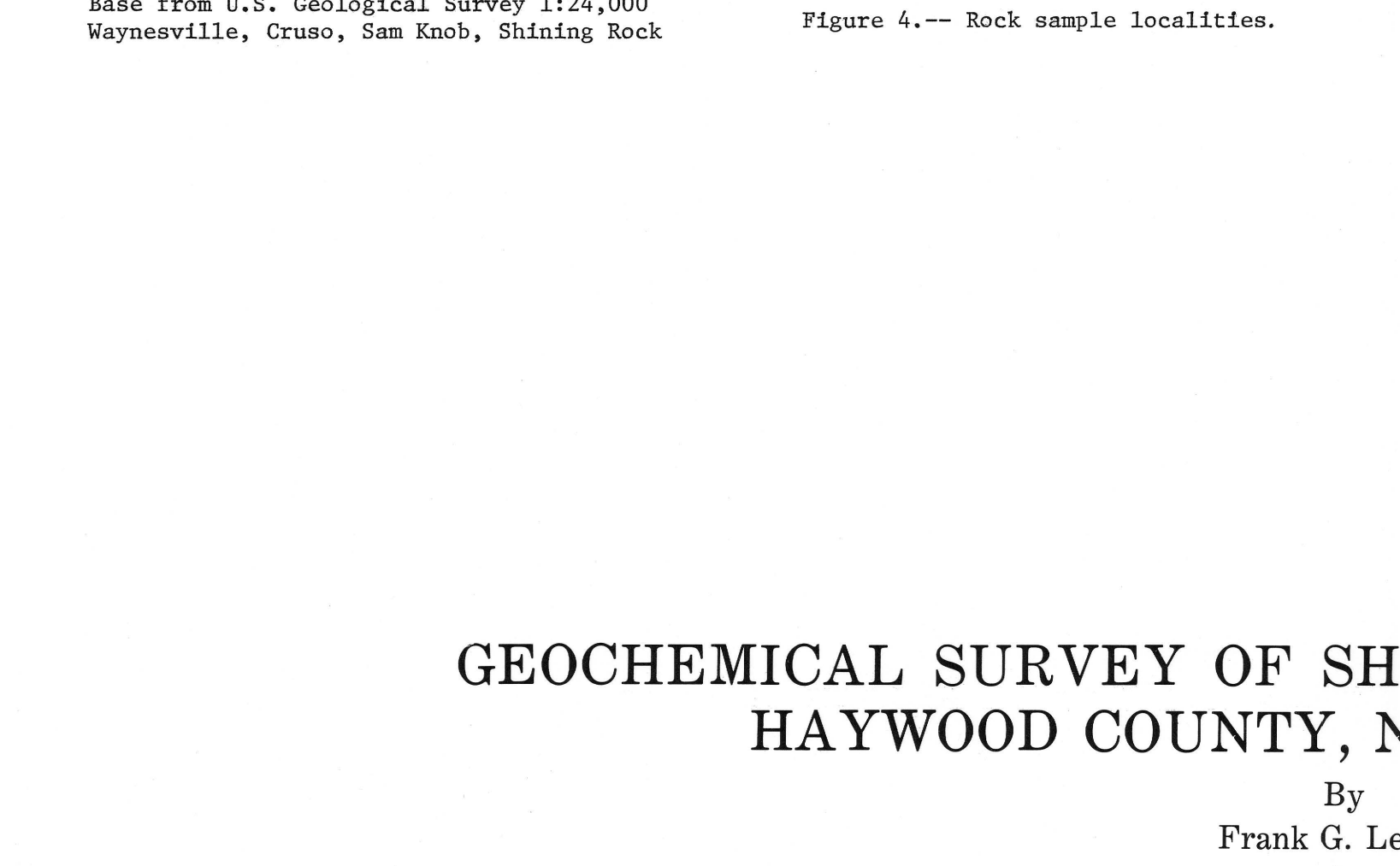


Figure 9.—Distribution of copper (Cu) in stream sediments.



Figure 10.—Distribution of lanthanum (La) in stream sediments.



Figure 11.—Distribution of lead (Pb) in stream sediments.



Figure 12.—Distribution of zinc (Zn) in stream sediments.



Figure 13.—Distribution of boron (B) in soil.



Figure 14.—Distribution of cobalt (Co) in stream sediments.



Figure 15.—Distribution of chromium (Cr) in stream sediments.



Figure 16.—Distribution of copper (Cu) in stream sediments.



Figure 17.—Distribution of lanthanum (La) in stream sediments.



Figure 18.—Distribution of lead (Pb) in stream sediments.



Figure 19.—Distribution of zinc (Zn) in stream sediments.



Figure 20.—Distribution of boron (B) in soil.



Figure 21.—Distribution of cobalt (Co) in stream sediments.



Figure 22.—Distribution of chromium (Cr) in stream sediments.



Figure 23.—Distribution of copper (Cu) in stream sediments.



Figure 24.—Distribution of lanthanum (La) in stream sediments.



Figure 25.—Distribution of lead (Pb) in stream sediments.



Figure 26.—Distribution of zinc (Zn) in stream sediments.



Figure 27.—Distribution of boron (B) in soil.



Figure 28.—Distribution of cobalt (Co) in stream sediments.



Figure 29.—Distribution of chromium (Cr) in stream sediments.



Figure 30.—Distribution of copper (Cu) in stream sediments.



Figure 31.—Distribution of lanthanum (La) in stream sediments.



Figure 32.—Distribution of lead (Pb) in stream sediments.



Figure 33.—Distribution of zinc (Zn) in stream sediments.



Figure 34.—Distribution of boron (B) in soil.



Figure 35.—Distribution of cobalt (Co) in stream sediments.



Figure 36.—Distribution of chromium (Cr) in stream sediments.



Figure 37.—Distribution of copper (Cu) in stream sediments.



Figure 38.—Distribution of lanthanum (La) in stream sediments.



Figure 39.—Distribution of lead (Pb) in stream sediments.



Figure 40.—Distribution of zinc (Zn) in stream sediments.



Figure 41.—Distribution of boron (B) in soil.



Figure 42.—Distribution of cobalt (Co) in stream sediments.



Figure 43.—Distribution of chromium (Cr) in stream sediments.



Figure 44.—Distribution of copper (Cu) in stream sediments.



Figure 45.—Distribution of lanthanum (La) in stream sediments.



Figure 46.—Distribution of lead (Pb) in stream sediments.



Figure 47.—Distribution of zinc (Zn) in stream sediments.



Figure 48.—Distribution of boron (B) in soil.



Figure 49.—Distribution of cobalt (Co) in stream sediments.



Figure 50.—Distribution of chromium (Cr) in stream sediments.



Figure 51.—Distribution of copper (Cu) in stream sediments.



Figure 52.—Distribution of lanthanum (La) in stream sediments.



Figure 53.—Distribution of lead (Pb) in stream sediments.



Figure 54.—Distribution of zinc (Zn) in stream sediments.



Figure 55.—Distribution of boron (B) in soil.



Figure 56.—Distribution of cobalt (Co) in stream sediments.



Figure 57.—Distribution of chromium (Cr) in stream sediments.



Figure 58.—Distribution of copper (Cu) in stream sediments.



Figure 59.—Distribution of lanthanum (La) in stream sediments.



Figure 60.—Distribution of lead (Pb) in stream sediments.



Figure 61.—Distribution of zinc (Zn) in stream sediments.



Figure 62.—Distribution of boron (B) in soil.



Figure 63.—Distribution of cobalt (Co) in stream sediments.



Figure 64.—Distribution of chromium (Cr) in stream sediments.



Figure 65.—Distribution of copper (Cu) in stream sediments.



Figure 66.—Distribution of lanthanum (La) in stream sediments.



Figure 67.—Distribution of lead (Pb) in stream sediments.



Figure 68.—Distribution of zinc (Zn) in stream sediments.



Figure 69.—Distribution of boron (B) in soil.



Figure 70.—Distribution of cobalt (Co) in stream sediments.



Figure 71.—Distribution of chromium (Cr) in stream sediments.



Figure 72.—Distribution of copper (Cu) in stream sediments.



Figure 73.—Distribution of lanthanum (La) in stream sediments.



Figure 74.—Distribution of lead (Pb) in stream sediments.



Figure 75.—Distribution of zinc (Zn) in stream sediments.



Figure 76.—Distribution of boron (B) in soil.



Figure 77.—Distribution of cobalt (Co) in stream sediments.



Figure 78.—Distribution of chromium (Cr) in stream sediments.



Figure 79.—Distribution of copper (Cu) in stream sediments.



Figure 80.—Distribution of lanthanum (La) in stream sediments.



Figure 81.—Distribution of lead (Pb) in stream sediments.



Figure 82.—Distribution of zinc (Zn) in stream sediments.



Figure 83.—Distribution of boron (B) in soil.



Figure 84.—Distribution of cobalt (Co) in stream sediments.



Figure 85.—Distribution of chromium (Cr) in stream sediments.



Figure 86.—Distribution of copper (Cu) in stream sediments.



Figure 87.—Distribution of lanthanum (La) in stream sediments.



Figure 88.—Distribution of lead (Pb) in stream sediments.



Figure 89.—Distribution of zinc (Zn) in stream sediments.



Figure 90.—Distribution of boron (B) in soil.



Figure 91.—Distribution of cobalt (Co) in stream sediments.



Figure 92.—Distribution of chromium (Cr) in stream sediments.



Figure 93.—Distribution of copper (Cu) in stream sediments.



Figure 94.—Distribution of lanthanum (La) in stream sediments.



Figure 95.—Distribution of lead (Pb) in stream sediments.



Figure 96.—Distribution of zinc (Zn) in stream sediments.



Figure 97.—Distribution of boron (B) in soil.



Figure 98.—Distribution of cobalt (Co) in stream sediments.



Figure 99.—Distribution of chromium (Cr) in stream sediments.

