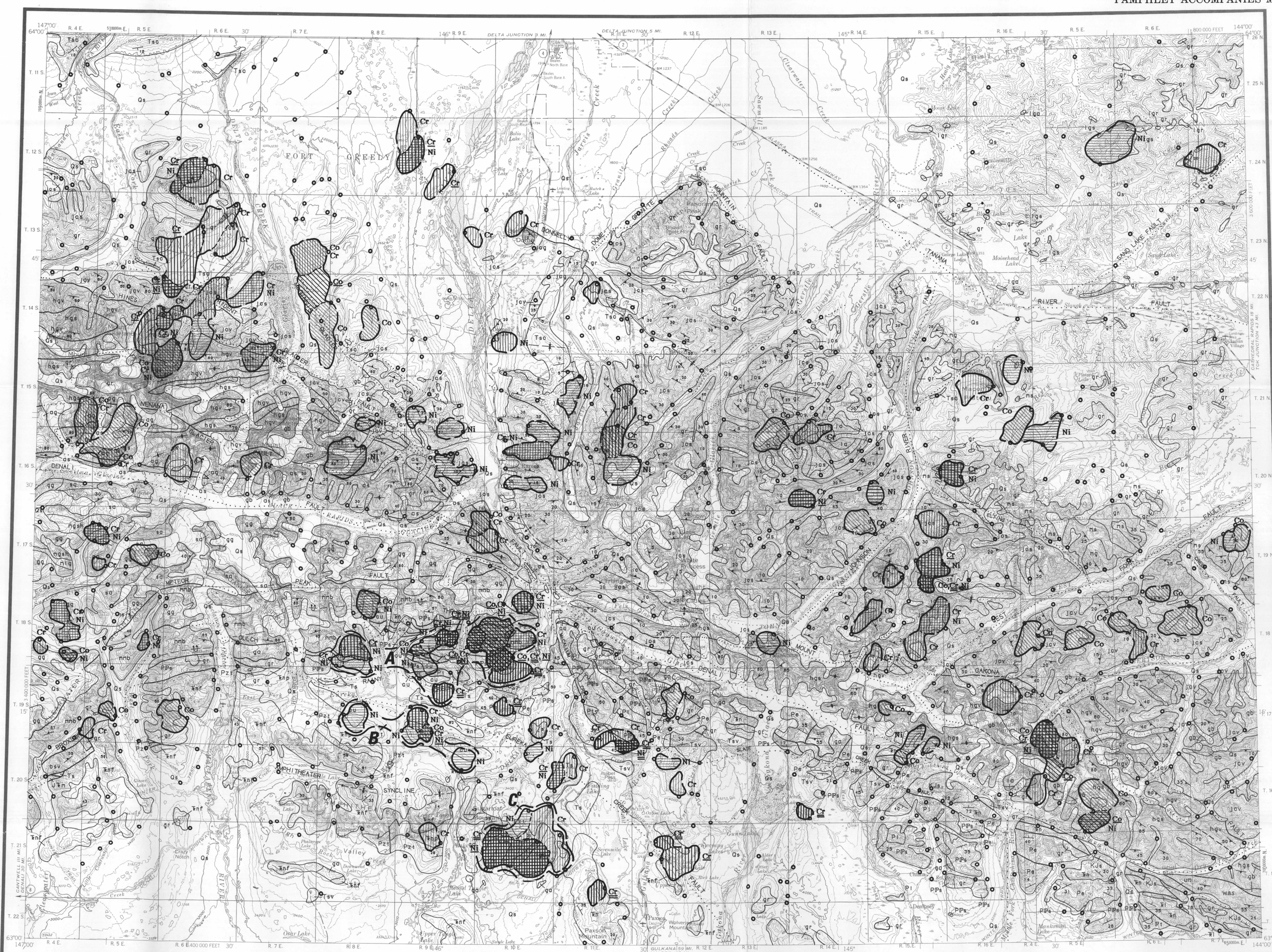


Map C.—Gold, silver, and arsenic in heavy-mineral concentrates and gold and silver in stream-sediment samples, Mount Hayes quadrangle, Alaska.

Geology interpreted by W.J. Balshov, L.M. Lapp, J.K. Anshel, S.T. Wilson, C.E. Brown, and R.E. Green, 1971-1982.



Map E.—Chromium, cobalt, and nickel in stream-sediment samples, Mount Hayes quadrangle, Alaska.

Geology interpreted by W.J. Balshov, L.M. Lapp, J.K. Anshel, S.T. Wilson, C.E. Brown, and R.E. Green, 1971-1982.



Map D.—Th, tungsten, antimony, and bismuth in heavy-mineral concentrates and tin and tungsten in stream-sediment samples, Mount Hayes quadrangle, Alaska.

Geology interpreted by W.J. Balshov, L.M. Lapp, J.K. Anshel, S.T. Wilson, C.E. Brown, and R.E. Green, 1971-1982.



Map F.—Chromium, cobalt, and nickel in heavy-mineral concentrates, Mount Hayes quadrangle, Alaska.

Geology interpreted by W.J. Balshov, L.M. Lapp, J.K. Anshel, S.T. Wilson, C.E. Brown, and R.E. Green, 1971-1982.

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Patterned areas delineate drainage basins in which anomalously high amounts of the metals shown on the maps were found. Frequencies and cumulative percentiles for the metals are shown in tables 1 through 8. The anomalous levels (weak, moderate, or strong) refer to the relative class or range on tables 1 through 8.

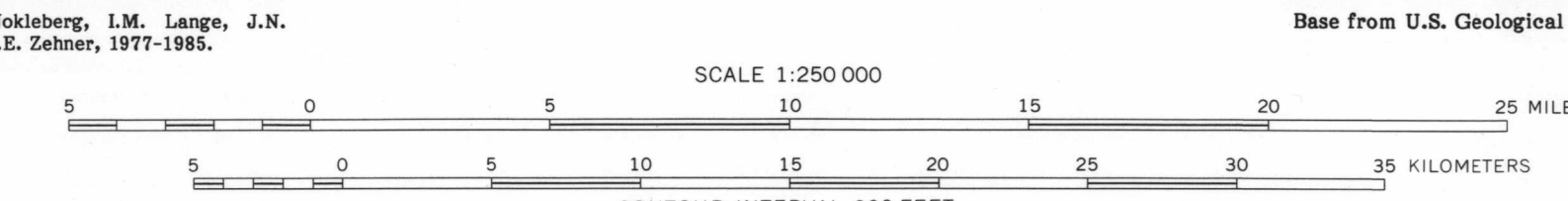
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MODERATE METAL ANOMALY
STRONG METAL ANOMALY
ANOMALOUS VALUE IN STREAM SEDIMENT
ANOMALOUS CONCENTRATION OF ONLY ONE OF THE SELECTED METALS
CLUSTER OF DRAINAGE BASINS REFERRED TO IN TEXT
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SUMMARY AND INTERPRETATION OF GEOCHEMICAL MAPS FOR STREAM SEDIMENT AND HEAVY MINERAL CONCENTRATE SAMPLES, MOUNT HAYES QUADRANGLE, EASTERN ALASKA RANGE, ALASKA

By Gary C. Curtin, Richard B. Tripp, and Warren J. Nohlsberg
1989