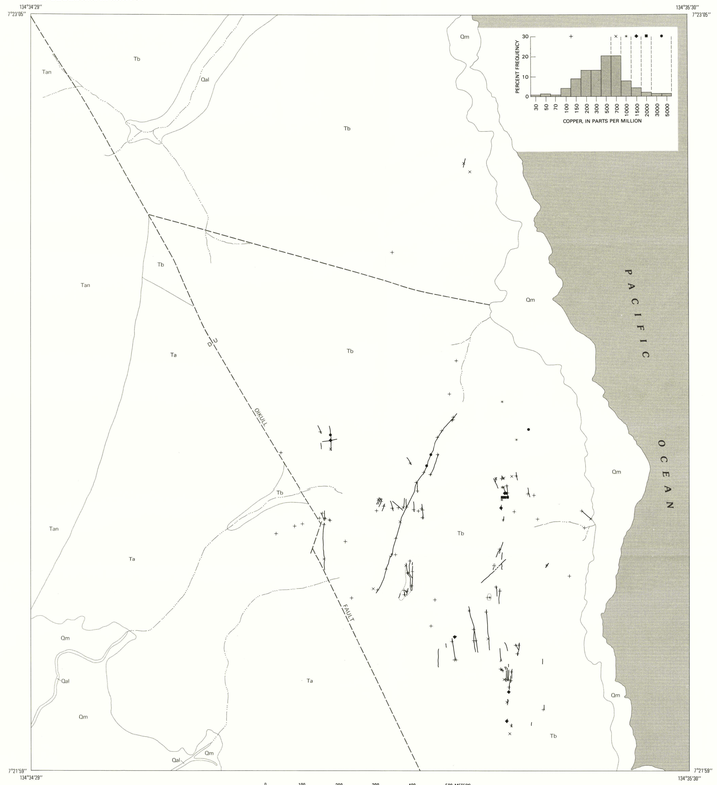
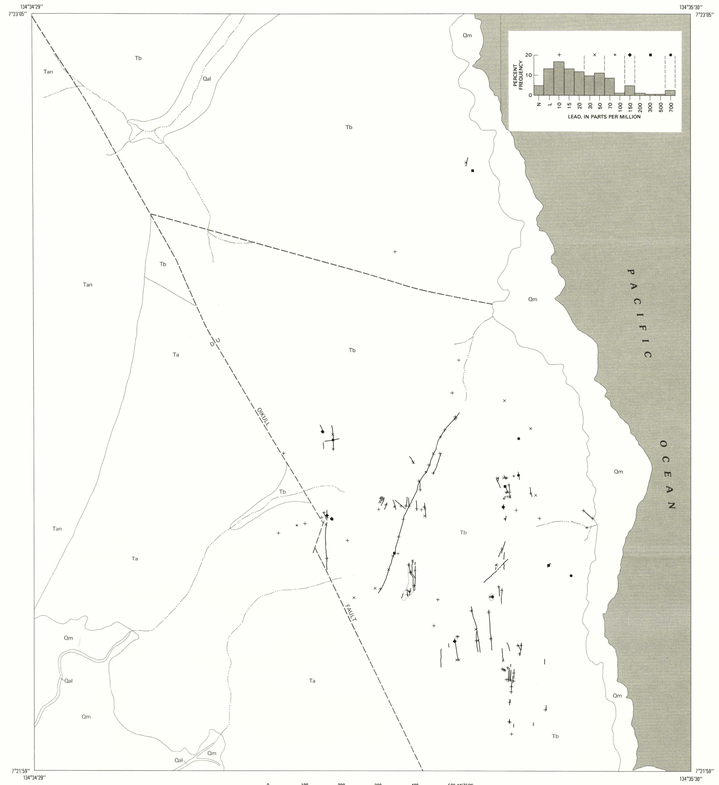
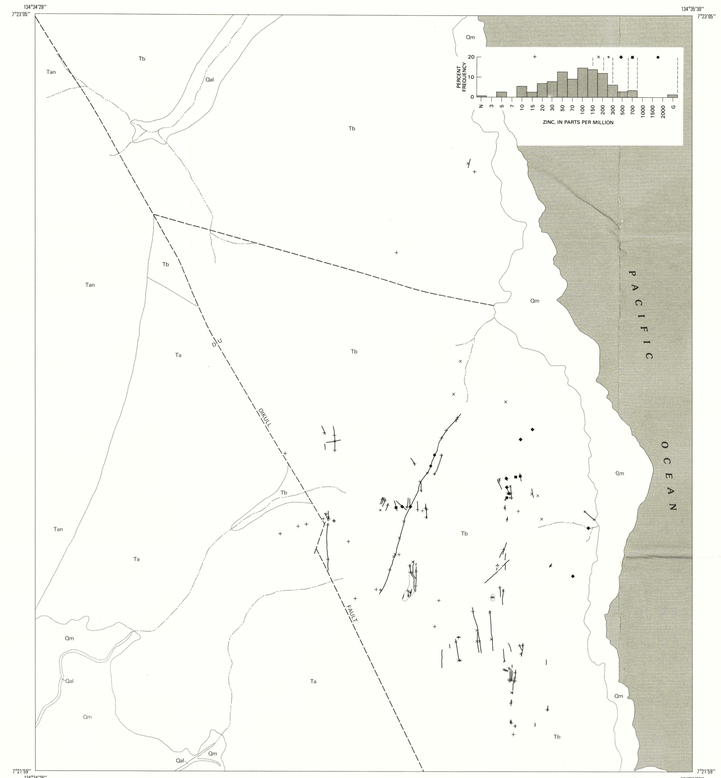


A. COPPER



B. LEAD



C. ZINC

EXPLANATION

QUATERNARY
- Qm — **Mangrove swamp deposits**
- Qal — **Alluvium**

TERTIARY
- Pliocene to Miocene
  - Ta — **Airai Formation**
- Eocene
  - Tan — **Ngarsul Member of Aimeliic Formation**—Andesitic-basaltic volcanic breccia
  - Tb — **Babelthuap Formation**—Basalt and basaltic-andesite flows and flow breccia

Contact

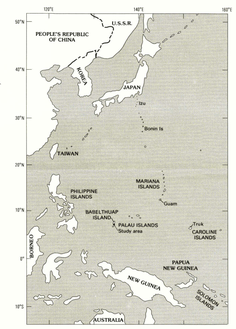
Fault—U, upthrown side; D, downthrown side

Vein

Brecciated/silicified zone

Drainage

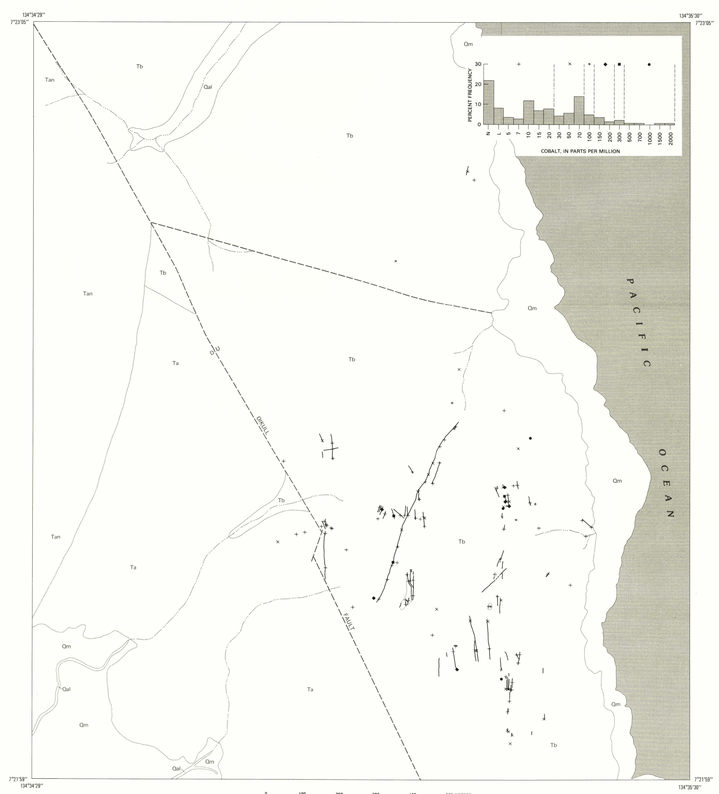
- **Strongly anomalous value**
- **Moderately strong anomalous value**
- **Moderately anomalous value**
- **Moderately weak anomalous value**
- **Weakly anomalous value**
- **Nonanomalous value**
- N — **On histograms, N, not detected; L, present but below detection; G, greater than upper limit of sensitivity**



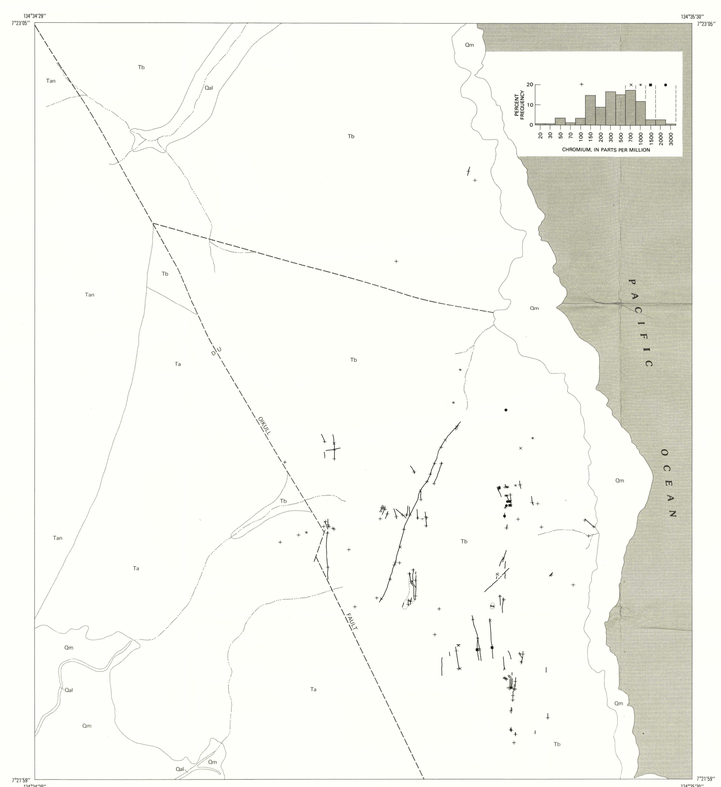
INDEX MAP SHOWING LOCATION OF STUDY AREA

Base modified from low-level aerial photo; U.S. Army Far East Command, 1956

D. MANGANESE



E. COBALT



F. CHROMIUM

Veins mapped by W. R. Miller, J. J. Pyrulis, M. A. Arnold, and T. L. Vercouteren, 1986.
Geology modified from Cowen and Elmquist, 1948, in U.S. Army Far East Command (1956)

MAPS SHOWING DISTRIBUTIONS OF SELECTED BASE-METAL-SUITE ELEMENTS AND MN-CO-CR SUITE IN VEINS, ROIS MALK STUDY AREA, REPUBLIC OF PALAU