



**EXPLANATION OF ABUNDANCE SYMBOLS**

**TIN**

- REPRESENTS CONCENTRATIONS OF TIN FROM 20 - 99 PARTS PER MILLION
- REPRESENTS CONCENTRATIONS OF TIN GREATER THAN 100 PARTS PER MILLION

**TUNGSTEN**

- REPRESENTS CONCENTRATIONS OF TUNGSTEN FROM 100 - 499 PARTS PER MILLION
- REPRESENTS CONCENTRATIONS OF TUNGSTEN GREATER THAN 500 PARTS PER MILLION

**EXPLANATION**

GEOLGY GENERALIZED FROM HOARE AND COONRAD (1978)

**CORRELATION OF MAP UNITS**

**SURFICIAL DEPOSITS**

**VOLCANIC, SEDIMENTARY, AND METAMORPHIC ROCKS**

**INTRUSIVE ROCKS**

**DESCRIPTION OF MAP UNITS**

**GEOLIC SYMBOLS**

**GEOCHEMICAL SYMBOLS**

**REFERENCES CITED**

**DISCUSSION OF GEOCHEMISTRY**

**TIN AND TUNGSTEN**

**MOLYBDENUM**

**ABBREVIATIONS**

**GEOCHEMICAL AND GENERALIZED GEOLOGICAL MAP SHOWING DISTRIBUTION AND ABUNDANCE OF MOLYBDENUM, TIN, AND TUNGSTEN IN THE GOODNEWS AND HAGEMEISTER ISLAND QUADRANGLES REGION, SOUTHWESTERN ALASKA**

LB. HESSIN, P. M. TAUFEN, J. C. SEWARD, S. J. QUINTANA, A. L. CLARK, DONALD GRYPECK, J. M. HOARE, AND W. L. COONRAD