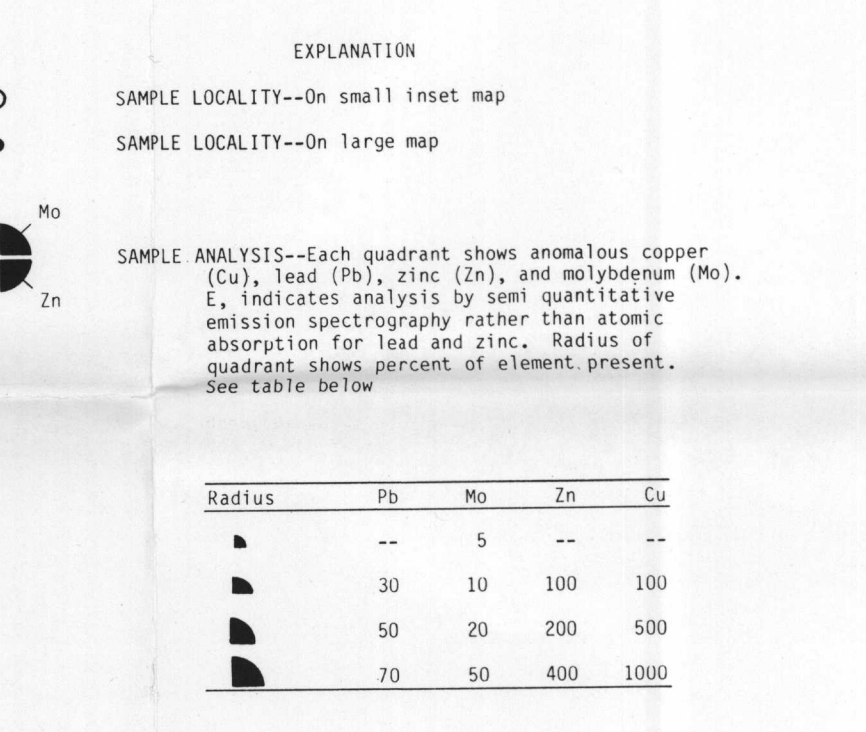


Table 5.—Anomalous values and number of samples exceeding limit of determination

(All analyses are semiquantitative emission spectrometry unless otherwise noted. All atomic absorption, 1 instrumental analysis, 21 specific ion analysis, Fe, Ni, Co, and Ti in percent, all others in parts per million)

Element	Anomalous	No. of samples	Element	Anomalous	No. of samples
As	7.0	334	Ni	70.0	232
B	8.0	218	Pb	20.0	216
Ca	7.0	329	Sc	200.0	116
Co	100.0	221	Sr	50.0	303
Cu	1.0	36	Te	1000.0	303
Fe	200.0	8	Ti	50.0	12
Hg	20.0	25	V	500.0	232
K	10.0	156	Zn	200.0	12
Li	1.0	156	Al	200.0	232
Mn	10.0	156	AM	100.0	232
Mo	10.0	156	AM-Cu	100.0	232
Nb	10.0	156	AM-Pb	100.0	232
Na	10.0	156	AM-Zn	100.0	232
			SiP	400.0	28



ANOMALOUS COPPER, LEAD, ZINC, AND MOLYBDENUM

Table 4.—Correlation coefficients for each element pair, rock samples, Ugashik and the western part of Karluk quadrangles, Alaska

(The upper right part of each table shows correlation coefficients for each pair of elements. The lower part shows the number of samples analyzed for each element. All analyses are semiquantitative emission spectrometry unless otherwise noted: As, atomic absorption; I, instrumental analysis; Si, specific ion analysis; Fe, Ni, Co, and Ti in percent, all others in parts per million.)

Element	Fe	Ni	Co	Ti	Mn	Ag	Ba	Sr	Ca	Cr	La	Nb	M	Pb	Sn	Sr	V	Zn	Zr	Long	AM-Cu	AM-Pb	AM-Zn	AM-Mo	AM-SiP		
Fe	1.00																										
Ni	0.42	1.00																									
Co	0.35	0.28	1.00																								
Ti	0.25	0.18	0.15	1.00																							
Mn	0.15	0.12	0.10	0.08	1.00																						
Ag	0.05	0.04	0.03	0.02	0.01	1.00																					
Ba	0.02	0.01	0.01	0.01	0.01	0.01	1.00																				
Sr	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00																			
Ca	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00																		
Cr	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00																	
La	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00																
Nb	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00															
M	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00														
Pb	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00													
Sn	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00												
Sr	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00											
V	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00										
Zn	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00									
Zr	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00								
Long	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00							
AM-Cu	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00						
AM-Pb	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00					
AM-Zn	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00				
AM-Mo	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00			
AM-SiP	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.00		

MAPS AND TABLES SHOWING DATA AND ANALYSES OF SEMIQUANTITATIVE EMISSION SPECTROMETRY AND ATOMIC-ABSORPTION SPECTROPHOTOMETRY OF ROCK SAMPLES, UGASHIK, BRISTOL BAY, AND PART OF KARLUK QUADRANGLES, ALASKA

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