

EXPLANATION

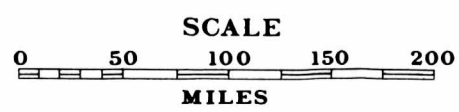
LOG PRODUCT CONCENTRATION
(Ag) (Cu) (In) (Sn) IN CHALCOPYRITE
(PARTS PER MILLION)

LESS THAN 4	1 TO 5
5 TO 6	6 TO 7
GREATER THAN 7	UNKNOWN

LEGEND

MINING DISTRICT	LOG PRODUCT CONCENTRATION (Ag)(Cu)(In)(Sn) (PARTS PER MILLION)
UNITED STATES	
ARIZONA	
1 WALLAPAI (CHLORIDE, MINERAL PARK)	7
2 CEDAR VALLEY	8
3 EUREKA (BAGDAD)	4
4 VERDE (JEROME)	7
5 PECK	7
6 BRADSHAW	7
7 MINNEHAHA	2
8 SWANSEA (SANTA MARIA)	7
9 GREEN VALLEY (PAYSON)	8
10 MIAMI	5
11 GLOBE	5
12 SUMMIT	4
13 PIONEER (SUPERIOR)	5
14 COPPER MOUNTAIN (MORENCI)	2
15 MINERAL CREEK (RAY)	5
16 BANNER (CHRISTMAS)	6
17 STANLEY	4
18 BUNKER HILL (COPPER CREEK)	4
19 MAMMOTH, TIGER, SAN MANUEL	3
20 SILVER BELL	6
21 AJO	4
22 GUNSIGHT (MEYER)	6
23 AMOLE (TUCSON MOUNTAINS)	2
24 COCHISE (JOHNSON)	6
27 PIMA (MINERAL HILL, TWIN BUTTIES)	8
28 HELVETIA	7
33 WARREN (BISBEE)	7
35 PATAGONIA, DUQUESNE	7
CALIFORNIA	
36 AFTERTHOUGHT (INGOT)	2
37 LIGHTS CANYON (ENGELL)	5
38 NEVADA CITY (GRASS VALLEY)	4
40 FAIR PLAY	1
41 PINE CREEK	2
44 ARGUS RANGE	7
45 WOODY	7
47 CIMA	8
48 ORD	4
50 TUNJUNGA	4
51 CRESTMORE	7
52 JULIAN	6
53 GARGO MUCHACHO (GILBY)	3
COLORADO	
54 WARD	5
55 KREMMLING	2
56 CENTRAL CITY (BLACKHAWK)	6
57 IDAHO SPRINGS	6
58 GRIFFITH (GEORGETOWN)	6
60 RED CLIFF (BATTLE MOUNTAIN, GILMAN)	7
62 FREMONT PASS (GLIMAN)	9
65 ROARING FORK (ASPEN)	4
67 CEBOLLA (VULCAN)	8
69 UNCOMPAGNE (JOHNSON)	5
70 SNEFFELS (MIOCENE BASIN)	2
72 IRON SPRINGS (OPHIR)	3
74 ANIMAS (SILVERTON)	4
75 PIONEER (RICO)	8
NEW MEXICO	
76 WILLOW CREEK (PECOS)	4
78 SAN PEDRO	7
79 MAGDALENA (KELLY)	3
80 NOGAL (SIERRA BLANCA)	3
82 HERMOSA (PALOMAS)	3
84 FIERRO-NAVIERO	3
84 STEEPLE ROCK	2
85 SANTA RITA	4
88 OROGRANDE (JARILLA)	4
89 ORGAN	4
90 LORDSBURG (VIRGINIA)	4
91 EUREKA (HACHITA)	5
NEVADA	
92 MOUNTAIN CITY (COPE, VAN DUZER)	4
93 JACKSON CREEK	4
94 TUSCARORA	4
98 SAFFORD (PALLASDE)	6
99 RAILROAD (BULLION)	6
102 BULLION (CAMPBELL, LANDER, TENABO)	9
103 DOLLY VARDEN (MIZPAH, GRANITE)	6
110 REESE RIVER (AUSTIN)	6
112 COMSTOCK (VIRGINIA CITY, SILVER STAR)	2
113 ELY (ROBINSON)	6
115 BUCKSKIN	5
116 YERINGTON (MASON)	5
117 GARDNERVILLE (EAGLE)	7
120 SANTA FE (LEUNG)	4
123 SILVER STAR (GOLD RANGE, MINA)	4
125 TONOPAH	3
126 JACK RABBIT (BRISTOL)	3
129 TEM PHUTE	5
130 BULLFROG (BEATTY, RHYOLITE)	7
131 COPPER KING (BUNKERVILLE, KEY WEST)	5
133 ELDORADO (NELSON)	6
UTAH	
135 UINTA (PARK CITY)	4
136 BINGHAM (WEST MOUNTAIN)	7
137 AMERICAN FORK	6
138 OPIER	6
139 GOLD HILL (CLIFTON)	6
141 SAN RAFAEL	6
142 TRISCO	2
143 WHITE CANYON	6
MONTANA	
172 BUTTE	3
MEXICO	
CHIHUAHUA	
145 TEMOSACHIC, GUERRERO	3
146 MAGISTRAL, ITURBIDE	6
147 SAN DIEGO, ITURBIDE	6
149 GUERRERO, GUERRERO	5
152 LOS REYES, JIMENEZ	6
153 EL PARRAL, HIDALGO	4
154 ALISOS, ANDRES DEL RIO	1
DURANGO	
159 REINA DE COBRE, CUENCAME	7
160 SAN LUCAS, SAN JUAN DEL RIO	5
162 TAYOLITITA, SAN DIMAS	7
SAN LUIS POTOSI	
163 MATEHUALA, CATORCE	8
SONORA	
165 CANANEA, ARISPE	4
166 NACOZARI, ARISPE	5
167 SANTA DOMINGO, ARISPE	5
168 SANTA BARBARA, HERMOSILLO	2
169 SAN JAVIER, HERMOSILLO	2
ZACATECAS	
170 SAIN ALTO, SOMBRERETE	8
171 SOMBRERETE, SOMBRERETE	4

**COMBINED
METAL CONTENT
OF
CHALCOPYRITE**



PREPARED BY C. W. BURNHAM
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