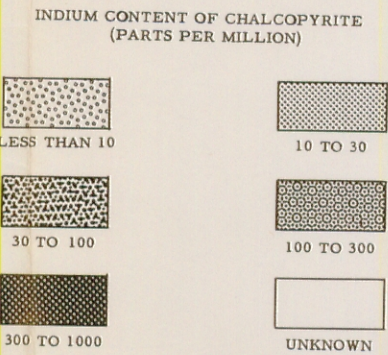


EXPLANATION

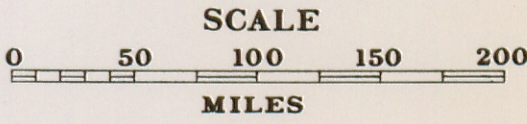


LEGEND

MINING DISTRICT	AVERAGE INDIUM CONTENT (PPM)
UNITED STATES	
ARIZONA	
1 WALLAPAI (CHLORIDE, MINERAL PARK)	200
2 CEDAR VALLEY	40
3 EUREKA (BAGDAD)	7
4 VERDE (JEROME)	100
5 PECK	5
6 BRADSHAW	10
7 MINNEHAHA	6
8 SWANSEA (SANTA MARIA)	3
9 GREEN VALLEY (PAYSON)	200
10 MIAMI	-
11 GLOBE	7
12 SUMMIT	-
13 PIONEER (SUPERIOR)	9
14 COPPER MOUNTAIN (MORENCI)	20
15 MINERAL CREEK (RAY)	10
16 BANNER (CHRISTMAS)	-
17 STANLEY	-
18 BUNKER HILL (COPPER CREEK)	2
19 MAMMOTH, TIGER, SAN MANUEL	-
20 SILVER BELL	10
21 AJO	-
22 SUNSIGHT (MEYER)	7
23 AMOLE (TUCSON MOUNTAINS)	9
24 COCHISE (JOHNSON)	20
27 PIMA (MINERAL HILL, TWIN BUTTES)	50
28 HELVETIA	30
33 WARREN (BISBEE)	600
35 PATAGONIA, DIQUESNE	40
CALIFORNIA	
36 AFTERTHOUGHT (INGOT)	-
37 LIGHTS CANYON (ENGEL)	9
38 NEVADA CITY (GRASS VALLEY)	3
40 FAIRPLAY	-
41 PINE CREEK	3
44 ARGUS RANGE	1
45 WOODY	-
47 CIMA	400
48 ORD	10
50 TUTUNGA	9
51 CRESTMORE	20
52 JULIAN	-
53 CARGO MUCHACHO (OGLBY)	20
COLORADO	
54 WARD	2
55 KREMMLING	3
56 CENTRAL CITY (BLACKHAWK)	200
57 IDAHO SPRINGS	100
58 GRIFFITH (GEORGETOWN)	200
60 RED CLIFF (BATTLE MOUNTAIN, GILMAN)	100
62 FREMONT PASS (CLIMAX)	200
65 ROARING FORK (ASPEN)	100
67 CEROLLA (VULCAN)	60
69 UNCOMPAGNE (OURAY)	20
70 SNEFFELS (IMOGENE BASIN)	6
72 IRON SPRINGS (OPHIR)	2
74 ANIMAS (SILVERTON)	2
75 PIONEER (RICO)	300
NEW MEXICO	
76 WILLOW CREEK (PECOS)	2
78 SAN PEDRO	7
79 MAGDALENA (KELLY)	3
80 NOGAL (SIERRA BLANCA)	-
82 HERMOSA (PALOMAS)	-
83 TIERRO-NANOVER	-
84 STEEPLE ROCK	-
85 SANTA RITA	2
88 OROGRANDE (JARILLA)	10
89 ORGAN	7
90 LORDSBURG (VIRGINIA)	10
91 EUREKA (HACHITA)	20
NEVADA	
92 MOUNTAIN CITY (COPE, VAN DUZER)	-
93 JACKSON CREEK	-
94 TUSCARORA	3
98 SAFFORD (PALISADE)	3
99 RAILROAD (BULLION)	10
102 BULLION (CAMPBELL, LANDER, TENABO)	8
103 DOLLY VARDEN (MIZPAH, GRANITE)	5
110 REESE RIVER (AUSTIN)	2
112 COMSTOCK (VIRGINIA CITY, SILVER STAR)	-
113 ELY (ROBINSON)	-
115 BUCKSKIN	5
116 YERINGTON (MASON)	1
117 GARDNERVILLE (EAGLE)	1
120 SANTA FE (LUNING)	6
123 SILVER STAR (GOLD RANGE, MINA)	10
125 TONOPAH	-
126 JACK RABBIT (BRISTOL)	-
129 TEM PUETE	3
130 BULLFROG (BEATTY, RHYOLITE)	9
131 COPPER KING (BUNKERVILLE, KEY WEST)	3
133 ELDORADO (NELSON)	-
UTAH	
135 UINTA (PARK CITY)	40
136 SINGHAM (WEST MOUNTAIN)	60
137 AMERICAN FORK	10
138 OPHIR	-
139 GOLD HILL (CLIFTON)	20
141 SAN RAFAEL	2
142 FRISCO	2
143 WHITE CANYON	-
MONTANA	
172 BUTTE	1
MEXICO	
CHIHUAHUA	
145 TEMOSACHIC, GUERRERO	2
146 MAGISTRAL, ITURBIDE	9
147 SAN DIEGO, ITURBIDE	1
149 GUERRERO, GUERRERO	7
152 LOS REYES, JIMENEZ	10
153 EL PARRAL, HIDALGO	-
154 ALISOS, ANDRES DEL RIO	3
DURANGO	
159 REINA DE COBRE, CUENCA	1
160 SAN LUCAS, SAN JUAN DEL RIO	100
162 TAYOLITTA, SAN DIMAS	50
SAN LUIS POTOSI	
163 MATEHUALA, CATORCE	40
SONORA	
165 CANANEA, ARISPE	-
166 NACAZARI, ARISPE	70
167 SANTA DOMINGO, ARISPE	20
168 SANTA BARBARA, HERMOSILLO	10
169 SAN JAVIER, HERMOSILLO	4
ZACATECAS	
170 SAN ALTO, SOMBRERETE	1
171 SOMBRERETE, SOMBRERETE	-

A SHORT DASH (-) INDICATES THAT INDIUM WAS NOT DETECTED IN ANY OF THE CHALCOPYRITE SAMPLES FROM THE DISTRICT.

INDIUM CONTENT OF CHALCOPYRITE



PREPARED BY C. W. BURNHAM
OCTOBER 1954