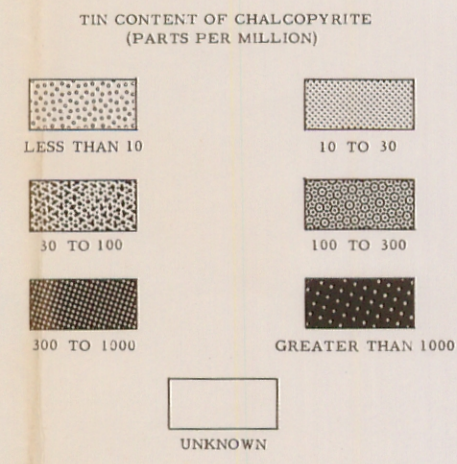


EXPLANATION



LEGEND

MINING DISTRICT	AVERAGE TIN CONTENT (PPM)
UNITED STATES	
ARIZONA	
1 WALLAPAI (CHLORIDE, MINERAL PARK)	200
2 CEDAR VALLEY	800
3 EUREKA (BAGDAD)	400
4 VERDE (JEROME)	200
5 PECK	100
6 BRADSHAW	30
7 MINNEHAHA	-
8 SWANSEA (SANTA MARIA)	-
9 GREEN VALLEY (PAYSON)	8000
10 MIAMI	200
11 GLOBE	200
12 SUMMIT	50
13 PIONEER (SUPERIOR)	30
14 COPPER MOUNTAIN (MORENCI)	3
15 MINERAL CREEK (RAY)	40
16 BANNER (CHRISTMAS)	30
17 STANLEY	6
18 BUNKER HILL (COPPER CREEK)	70
19 MAMMOTH, TIGER, SAN MANUEL	30
20 SILVER BELL	4
21 AZO	20
22 GUNSHOT (MEYER)	10
23 AMOLE (TUCSON MOUNTAINS)	-
24 COCHISE (JOHNSON)	20
27 PIMA (MINERAL HILL, TWIN BUTTES)	40
28 HELVETIA	100
33 WARREN (BISBEE)	200
35 PATAGONIA, DUQUESNE	30
CALIFORNIA	
36 AFTERTHOUGHT (INGOT)	-
37 LIGHTS CANYON (ENGEL)	20
38 NEVADA CITY (GRASS VALLEY)	-
40 FAIRPLAY	20
41 PINE CREEK	70
44 ARBUS RANGE	100
45 WOODY	1000
47 CIMA	10
48 ORD	30
50 TUJUNGA	40
51 CHESTMORE	10
52 JULIAN	-
53 CARGO MUGHACHO (OGLBY)	-
COLORADO	
54 WARD	50
55 KREMMLING	100
56 CENTRAL CITY (BLACKHAWK)	10
57 IDAHO SPRINGS	-
58 GRIFFITH (GEORGETOWN)	1000
60 RED CLIFF (BATTLE MOUNTAIN, GILMAN)	800
62 FREMONT PASS (CLIMAX)	2000
65 ROARING FORK (ASPEN)	100
67 CRIOLLA (VULCAN)	-
69 UNCOMPAGHRE (OURAY)	-
70 SNEFFELS (MOGENE BASIN)	-
72 IRON SPRINGS (OPHI)	-
74 ANIMAS (SILVERTON)	-
75 PIONEER (RICO)	2000
NEW MEXICO	
76 WILLOW CREEK (PECOS)	6
78 SAN PEDRO	-
79 MAGDALENA (KELLY)	-
80 NOCAL (SIERRA BLANCA)	-
82 HERMOSA (PALOMAS)	2
83 FIERRO-HANOVER	2
84 STEEPLE ROCK	7
85 SANTA RITA	-
88 OROGRANDE (JARILLA)	3
89 ORGAN	-
90 LORDSBURG (VIRGINIA)	2
91 EUREKA (HACHITA)	-
NEVADA	
92 MOUNTAIN CITY (COPE, VAN DUZER)	30
93 JACKSON CREEK	-
94 TUSCARORA	40
98 SAFFORD (PALISADE)	3
99 RAILROAD (BULLION)	400
102 BULLION (CAMPBELL, LANDER, TENABO)	200
103 DOLLY VARDEN (MEZPAH, GRANT)	4
110 REESE RIVER (AUSTIN)	200
112 COMSTOCK (VIRGINIA CITY, SILVER STAR)	40
113 ELY (ROBINSON)	8
115 BUCKSKIN	30
116 YERINGTON (MASON)	30
117 GARDNERVILLE (EAGLE)	10
120 SANTA FE (LUNING)	5
123 SILVER STAR (GOLD RANGE, MINA)	30
125 TONOPAH	6
126 JACK RABBIT (BRISTOL)	100
129 TEM PUETE	20
130 BULLFROG (BEATTY, RHYNOLITE)	7
131 COPPER KING (BUNKERVILLE, KEY WEST)	-
133 ELDORADO (NELSON)	-
UTAH	
135 UINTA (PARK CITY)	400
136 BINGHAM (WEST MOUNTAIN)	40
137 AMERICAN FORK	100
138 OPHIR	40
139 GOLD HILL (CLIFTON)	-
141 SAN RAFAEL	7
142 FRISCO	-
143 WHITE CANYON	-
MONTANA	
172 BUTTE	30
MEXICO	
CHIHUAHUA	
145 TEMOSACHIC, GUERRERO	-
146 MAGISTRAL, ITURBIDE	5000
147 SAN DIEGO, ITURBIDE	-
149 GUERRERO, GUERRERO	-
152 LOS REYES, JIMENEZ	-
153 EL PARRAL, HIDALGO	-
154 ALISOS, ANDRES DEL RIO	5
DURANGO	
159 REINA DE COBRE, CUENCAME	9
160 SAN LUCAS, SAN JUAN DEL RIO	-
162 TAYOLTITA, SAN DIMAS	300
SAN LUIS POTOSI	
163 MATERHUALA, GATORCE	1000
SONORA	
165 CANANEA, ARISPE	10
166 NACAZARI, ARISPE	90
167 SANTA DOMINGO, ARISPE	80
168 SANTA BARBARA, HERMOSILLO	10
169 SAN JAVIER, HERMOSILLO	30
ZACATECAS	
170 SAN ALTO, SOMBRERETE	2000
171 SOMBRERETE, SOMBRERETE	60

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

TIN CONTENT
OF
CHALCOPYRITE



PREPARED BY C. W. BURNHAM
OCTOBER 1954