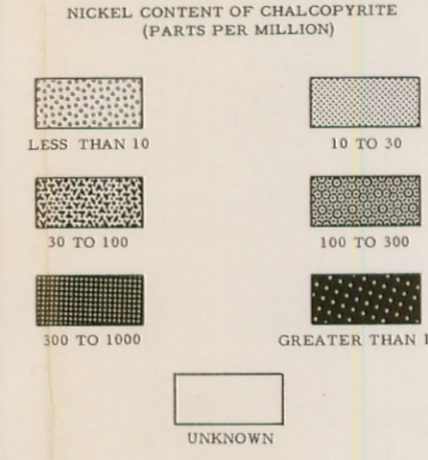


EXPLANATION



LEGEND

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

NICKEL CONTENT OF CHALCOPYRITE



PREPARED BY C. W. BURNHAM
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