MOJAVE MINING DISTRICT, KERN COUNTY CALIFORNIA

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Contents

LOCATION 1
DEVELOPMENT HISTORY 4
GEOLOGY 5
STRUCTURE 5
MINERALOGY 6
MINE SUMMARY 6
MINE GROUPS 8
REFERENCES 8
TABLE 1: Mines of the Mojave Mining District 10
APPENDIX 1: MAPS 11
Map 1. Topographic Map 12
Map. 2. Geology from Dibblee, 1963 (1:500k) 13
Map. 3. Geology from CDMG (1:250K) 14
Map 4. Primary and Secondary Faults 15
Map 5. Fault Block Designations 16
Map 6. Fault Displacements 17
Map 7. Aerial Photograph 18

LOCATION

The Mojave district-of Troxel and Morton (1961, figs. 16, 17, 18, 19) in southeastern Kern County comprises 70 square miles centered about 8 miles southwest of the town of Mojave. Five prominences separated by alluvia ted areas contain all the mines of the district, but comprise only a small proportion of the total area. Of these prominences Soledad Mountain, 5 miles south of Mojave, is the most important both in productivity and in the number of deposits. Tropico Hill and Middle Butte, 6 miles south and 4 miles west respectively from Soledad Mountain, are next in overall importance. Willow Springs Mountain, 6 miles southwest of Soledad Mountain, and the western part of the Rosamond Hills-which are between Tropico Hill and Soledad Mountain-are less well endowed with known mineral wealth (Troxel and Morton, 1962, p. 43).

The Mojave District as shown on Troxel and Morton (1961, figure 7) covered an area of 103 square miles.

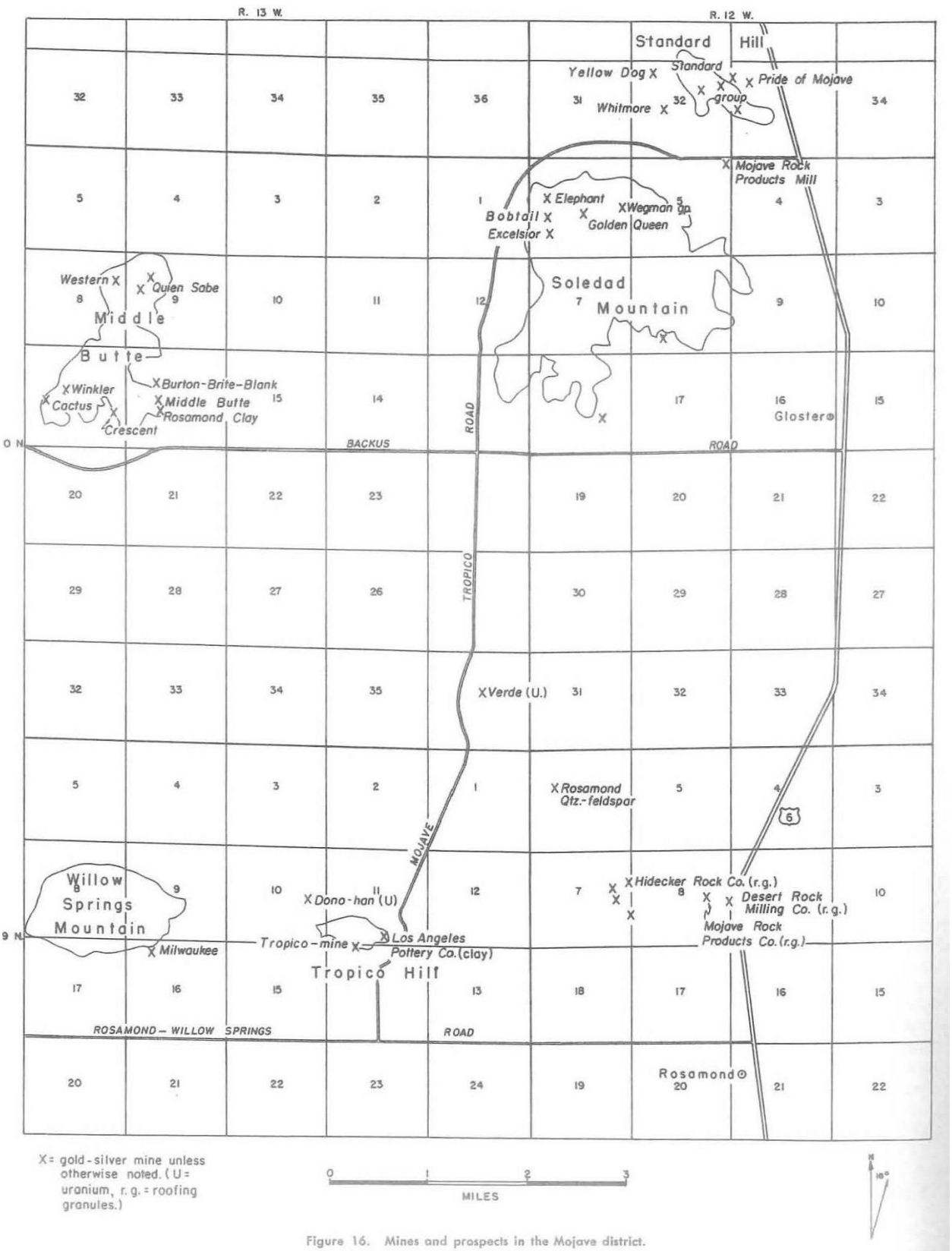

Figure 16. Mines and prospects in the Mojave district.

Mojave District. From Troxel and Morton, 1961, p. 42.

This study considers a larger area shown on Map 1. This mining district boundary includes the Garlock Fault to the northwest, a right-lateral fault between the Garlock Fault and Rosamond to the southwest, a northwest to southeast striking fault along the northeastern edge of hills southwest of Twin Buttes to the northeast, the median through Rogers Lake to the southeast, and Rosemond Lake to the south. This area covers 619 square miles. It includes 138 mines, prospects and occurrences in the USGS MRDS database (2011). We have subdivided this area into seven mine groups. Of these, the following are within the boundaries of the Mojave District of Troxel and Morton (1961)

Elephant Butte – Standard Hill
Middle Butte – Cactus Queen
Soledad Mountain
Rosamond Hills
Willow Springs Butte – Milwaukee – Tropico

Our mine groups outside of the Mojave District of Troxel and Morton (1961) are

South of Oak Creek Canyon
Horned Toad Hills
Brown Butte-Bissel - Simons

DEVELOPMENT HISTORY

The Mojave mining district has been the principal source of silver in the county (Troxel and Morton, 1962, p. 280).

The Mojave district has yielded Principally gold and silver, but feldspar, silica, clay, and volcanic came rock also have been mined, and uranium, copper, lead, and antimony are known to be present. (Troxel and Morton, 1962, p. 43).

Attention was first drawn to this district in 1894 when George Bowers discovered rich float on 'Standard Hill at the present site of the Yellow Rover mine. From high-grade are collected from the surface, Bowers quickly shipped two rail carloads. Inspired by this success, other prospectors explored the surrounding areas and also discovered gold at what are now the Queen Esther, Echo, and Elephant mines on northern Soledad Mountain and at the Tropico mine on Tropico Hill (Troxel and Morton, 1962, p. 43).

With the onset of the depression in 1929 gold mining activity increased, and by 1935 the district was experiencing its most productive era. During that year the Golden Queen Mining Co. was formed; and soon afterward the Lodestar Mining Co., Soledad-Mojave Mining Syndicate, Cactus Mines Co., and Standard Gold Mines Co. also were formed (Julihn and Horton, 1937, p. 4-5). From 1932 through 1942 the mines operated by these companies yielded gold and subordinate amounts of silver valued at more than $12,000,000. During the war years 1942-45 all the mines were idle; between 1945 and 1958 production was probably less than one-tenth that of the boom period (Troxel and Morton, 1962, p. 43-44).

GEOLOGY

The gold and silver are in veins along faults in Tertiary rhyolitic volcanic rocks (Troxel and Morton, 1962, p. 280).

The oldest rock in the district is a medium-grained quartz monzonite of Mesozoic age. It is exposed in the low areas peripheral to resistant masses of younger intrusive rock and in parts of the northwestern Rosamond Hills. Intrusive into the quartz monzonite are small pegmatite and aplite dikes also of Mesozoic age. Overlying the Mesozoic rocks are Mio-Pliocene nonmarine sedimentary and pyroclastic rocks of the Tropico group (Dibblee, 1958, p. 136) which, in the Rosamond Hills, are homoclinal in structure and strike west-northwest, and dip moderately south-southwest (Roberts, 1951). These rocks also crop out in parts of the other prominences in the area. Later Tertiary rhyolitic volcanic rocks have been intruded into both the quartz monzonite and the Tropico group. These volcanic rocks are resistant and are the most abundant rock exposed in the mountainous and hilly portions of the district except in the Rosamond Hills. (Troxel and Morton, 1962, p. 44).

The gold-silver deposits of the Mojave district are in epithermal fissure veins that occupy faults and shear zones. In general, the veins are confined to the rhyolitic volcanic rocks, although some of them have been traced downward into quartz monzonite. The principal ore minerals are cerargyrite. argentite, and free gold, but pyrargyrite, proustite, tetrahedrite, stromeyerite, native silver, and electum also have been found (Schmitt, 1940, unpublished report). The most common gangue minerals are quartz, pyrite, arsenopyrite, and hydrous iron oxides. Locally abundant in some deposits are chalcopyrite, galena, and stibnite. At Middle Butte the most common gangue is a kaolinite-alunite-quartz mixture (Troxel and Morton, 1962, p. 44).

Quartz and feldspar are mined. periodically from a pegmatite dike in the Rosamond Hills and are used as exposed aggregate and in ceramics. Pink, yellow, green, and lavender volcanic rocks in the Rosamond Hills are mined, crushed, and bagged for use as roofing granules. Clay suitable for use in manufacture of pottery has been mined from the northeast flanks of Tropico Hill. Small amounts of weathered volcanic rock are collected from the east side of Middle Butte and sold as field stone. (Troxel and Morton, 1962, p. 44-45).

Two uranium localities in the district have been explored: the Rosamond prospect and other nearby sources in an area 3 miles northeast of Tropico Hill were explored in 1955-56; and the Donohan mine, half a mile. northwest of Tropico Hill, was still under development in 1959. Both properties remained prospects in early 1959 (Troxel and Morton, 1962, p. 45).

STRUCTURE

The geologic mapping described above can be used to deduce a set of primary family of faults that strike N.70^{o}W and are mostly right-lateral. This group of primary faults are parallel to the orientation of the San Andreas Fault 17 miles to the southwest. Shear on the primary faults gave rise to a secondary set of faults. These secondary faults present as a “Lazy S” curve between the primary faults. The ore deposits are localized by these secondary faults which develop low-pressure areas at the apex of the “Lazy S”

curves. The tectonically crated low pressure zones at the apex of the secondary faults resulted in enhanced permeability, ore fluid migration and ore deposition.

MINERALOGY

Although in this district, gold is the chief mineral in value, silver is predominant by a 5: 1 ratio and is an important by-product of the gold ore. Cerargyrite (AgCl) and argentite (Ag_2S) are the most common silver minerals in these veins, but some ores also contain pyrargyrite (Ag,SbS_3), native silver, stromeyerite $(Ag,Cu)_2S$), electrum, and argentian tetrahedrite ($(Cu,Fe)_{12}Sb,S_{13}$)(Troxel and Morton, 1962, p. 280).

MINE SUMMARY

COMMODITY	NUMBER OF MINES	PRIMARY MINES
Barium-Barite	1	Rosamond Mill
Bentonite	2	Tehachapi Clay Mine Unnamed Clay Deposit Prospect
Beryllium	1	Pharlap Claims Prospect
Clay	5	Antelope Materials Co. Mine Los Angeles Mine Riley Clay Deposit Mine Simons Brick Co. Mine Tropico Pit Mine
Feldspar	1	Rosamond Feldspar Occurrence
Gemstone	1	Cameron Siding Occurrence
Gold	71	Bluebird Bobtail Mine Burton-Brite-Blank Mine Cactus Gold Mine Desert Queen Echo Elephant Eagle Elephant Group Excelsior Exposed Treasure Mine Exposed Treasure Mine Four Star Golden Queen Mine Gum Tree Mine Hoegee Mine Ladd Mine Last Chance Mine Lida Marie Celesle Middle Butte Mine

		Milwaukee Mine Mojave Mining and Milling Co. Pride of Mojave Mine Queen Esther Quien Sabe Rosamond-Mojave Sailor Boy Mine Soledad Mountain Project Standard Hill Mine Standard Group Tropico Tropico Mines Victory Wegman Group Whitmore Mine Yellow Dog Extension Yellow Dog Mine Yellow Rover Mine Zoledad East
Granite	1	Pious Quarry
Lead	1	Ladd
Limestone	6	California Portland Cement Co. Monolith Limestone Quarry Monolith Portland Cement Co.
Magnesite	1	Snowball Deposit
Sand and Gravel		Borrow Pit Caltrans #101 Miller - Mojave Pit Mojave Pit Mojave Pit Rosamond Sand Pits Sand and Gravel #2 Sand and Gravel #5 Sanborn Sand and Gravel Soldedad Sand and Gravel Willow Springs Pit
Silica	2	Rosamond Mine Silver Queen Mine
Silver, Gold	4	Cactus Queen Mine Monarch Mine Soledad Mountain Deposit Middle Buttes (Cactus) Deposit
Sodium	1	Cameron Lake
Stone	12	Broken Stone #2 Broken Stone #5 Broken Stone #1 Decomposed Granite Pit

		Desert Rock Milling Co. Quarry Hansen Dg Pit Hidecker Rock Co. Mill & Quarries Mojave Rock Products Mojave Rock Products Section 13-24 Quarry Mojave Portland Cement Co
Tungsten	3	Esperanza Esperanza Prospect Leona Tungsten Mine
Uranium	11	Goldenrod Prospect Stillwell Property

MINE GROUPS

Reports for the seven mine groups, and for every producer or past producing mine within them are found at the following links:

MINE GROUP	**URL LINK**
Elephant Butte – Standard Hill	
Middle Butte – Cactus Queen	
Soledad Mountain	
Rosamond Hills	
Willow Springs Butte – Milwaukee – Tropico	
South of Oak Creek Canyon	
Horned Toad Hills	
Brown Butte-Bissel - Simons	

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TABLE 1: Mines of the Mojave Mining District

APPENDIX 1: MAPS

Map 1. Topographic Map

Map. 2. Geology from Dibblee, 1963 (1:500k)

Map. 3. Geology, CDMG (1:250k)

Map 4. Primary and Secondary Faults

Map 5 Fault Block Designations

Map 6. Fault Displacement Directions

Map 7. Aerial Photograph

Map 1. Topographic Map

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TABLE 1. MINES OF THE MOJAVE MINING DISTRICT

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Antelope Materials Co. Mine	Clay	Past Producer			Macco Construction Co. Mine	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 43, P. 76.	9N 10W Sec. 32 SBM	34.82970000010	-117.95310000000
Bean Canyon Area Deposit	Limestone, General	Occurrence				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1952, MAP NO. 418, P. 233. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 77. ALSO IN SEC 5 & 7.	10N 14W Sec. 06 SBM	34.98668999990	-118.40781000000
Bissell Magnesite Deposit	Magnesite	Past Producer				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 237; MAP NO. 45, P. 76; MNAP NO. 443, P. 238. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 77-78.	10N 11W Sec. 11 SBM	34.98309999990	-118.01030000000
Bluebird	Gold	Past Producer			Soledad Mountain Area - 0060290735	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 107- 111.	11N 12W Sec. 33 SBM	35.00170000000	-118.16590000000
Bluett Prospect	Uranium	Prospect				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 644, P. 338. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 62. MINOBRAS, 1978, URANIUM DEPOSITS OF ARI	10N 13W Sec. 09 SBM	34.97640000010	-118.26951000000
Bobtail Mine	Gold	Past Producer			Soledad Mountain Area - 0060290735	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 101. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964.	10N 12W Sec. 06 SBM	34.98529999980	-118.19921000000
Bobtail Mine	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	10N 12W Sec. 06 SBM	34.98416999970	-118.19730000000
Borrow Pit	Sand and Gravel, Construction	Past Producer				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, VOL. III- SOUTHERN CALIFORNIA: P. 87.	12N 12W Sec. 35 SBM	35.08559000020	-118.13090000000
Broken Stone #4	Stone, Crushed/Broken	Occurrence				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, FIRST DEPOSIT UNDER LEADING "OCCOURRENCES", P. 70.	32S 35E Sec. 25 MDM	35.12309000040	-118.16871000000
Burton-Brite-Blank Mine	Gold	Past Producer			Burton Mine; Brite Mine	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 101- 102. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 53.	10N 13W Sec. 16 SBM	34.95970000010	-118.26841000000
Burton-Brite-Blank Mine	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	10N 13W Sec. 16 SBM	34.95972000040	-118.26841000000
Cactus Gold Mine	Gold	Plant			Cactus Queen Mine; Shumake Deposit; Cactus Mine; Shumake Mine; Blue Eagle Mine; Middle Buttes	CALIFORNIA DIVISION OF MINES AND GEOLOGY, COUNTY REPORT #1, 1962, PP. 103-104. SOUTHERN PACIFIC CO., MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, 1964, PP. 42, 53. SKILLINGS, D. N. JR.," COCA	10N 13W Sec. 17 SBM	34.95780000010	-118.28761000000
Cactus Queen Mine	Silver, Gold	Producer				U.S. BUREAU OF MINES DATA BASE	10N 13W Sec. 17 SBM	34.95778000030	-118.28757999900

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Calcite Placer No. 1 Deposit	Limestone, General	Unknown			Calcite Placer Deposit	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 419, P. 233.	10N 15W Sec. 12 SBM	34.96890000030	-118.42091000000
California Portland Cement Co.	Limestone, General	Past Producer			Creal Plant and Deposits	CALIF. DIV. MINES AND GEOL. COUNTY REPORT 1, 1962, P. 221- 222.	11N 14W Sec. 23 SBM	35.02918999990	-118.33621000000
Caltrans #101	Sand and Gravel, Construction	Past Producer				SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 73.	11N 10W Sec. 29 SBM	35.01750000030	-117.96450000000
Caltrans #251	Sand and Gravel, Construction	Unknown				BLM GEM CDCA DATA BASEE, 1981	11N 12W Sec. 34 SBM	35.00890000040	-118.14260000000
Caltrans #252	Sand and Gravel, Construction	Unknown				BLM GEM CDCA DATA BASEE, 1981	11N 10W Sec. 20 SBM	35.03579999980	-117.96120000000
Caltrans #256	Sand and Gravel, Construction	Unknown				BLM GEM CDCA DATA BASEE, 1981	32S 35E Sec. 34 MDM	35.10309000000	-118.21451000000
Cameron Lake	Sodium	Past Producer			Cameson Lake	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 475, P. 273.	32S 34E Sec. 28 MDM	35.11418999970	-118.34031000100
Cameron Siding	Gemstone	Occurrence				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, TABLE 9, NO. C, P. 91. BLM GEM CDCA DATA BASEE, 1981.	32S 34E Sec. 35 MDM	35.09918999970	-118.29840999900
Crescent Deposit	Gold	Prospect				BLAKE, A.R., AND OTHERS, 1991, THE SHUMAKE VOLCANIC DOME- HOSTED EPITHERMAL, PRECIOUS METAL DEPOSIT, WESTERN MOJAVE DESERT, CALIFORNIA: ECON. GEOLOGY, V. 86, NO. 8, P. 1646-1656.	10N 13W Sec. 17 SBM	34.95469999970	-118.27651000000
Crescent Prospect	Gold	Prospect				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 150, P. 143. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 53.	10N 13W Sec. 17 SBM	34.95220000010	-118.28011000000
Desert Gold Mining Co.	Gold	Prospect			Soledad Mountain Area - 0060290735		10N 12W Sec. 06 SBM	34.98439999970	-118.19481000100
Desert Queen	Gold	Past Producer			Soledad Mountain Area - 0060290735; Standard Group	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 120- 124.	11N 12W Sec. 32 SBM	35.00670000040	-118.17310000000
Desert Rock Milling Co. Quarries	Stone	Past Producer				CALIF., DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 267- 268.	9N 12W Sec. 08 SBM	34.88610000040	-118.17670000100
Desert Rock Milling Co. Quarry	Stone, Crushed/Broken	Past Producer				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, VOL. III- SOUTHERN CALIFORNIA: P. 69.	9N 12W Sec. 08 SBM	34.88579999970	-118.18150000000
Desert Rock Milling Co. Quarry	Stone, Crushed/Broken	Past Producer				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, VOL. III- SOUTHERN CALIFORNIA: P. 69.	9N 14W Sec. 11 SBM	34.88530000030	-118.33231000000

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Dono-Han Prospect	Uranium	Prospect			Section 10 Anomaly	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 327, 329. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 62. MINOBRAS, 1978, URANIUM DEPOSITS OF ARIZONA-CAL	9N 13W Sec. 10 SBM	34.88170000040	-118.24700999900
Double Eagle Mine	Gold	Prospect				LOCATED FORM SOLDAD MTN. 7.5-MIN TOPO MAP.	10N 12W Sec. 18 SBM	34.95560000040	-118.19170000100
Echo	Gold	Past Producer			Soledad Mountain Area - 0060290735	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, TOP OF P. 146.	10N 12W Sec. 06 SBM	34.98940000040	-118.19031000000
Elephant Eagle	Gold	Past Producer			Soledad Mountain Area - 0060290735; Lodestar; Elephant Group - 0060290728; Hope	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 104- 107. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 52.	10N 12W Sec. 06 SBM	34.98530000040	-118.19421000000
Elephant Group	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	10N 12W Sec. 06 SBM	34.98916999980	-118.20008000000
Ella Deposit	Gold	Prospect				BLAKE, A.R., AND OTHERS, 1991, THE SHUMAKE VOLCANIC DOME- HOSTED EPITHERMAL, PRECIOUS METAL DEPOSIT, WESTERN MOJAVE DESERT, CALIFORNIA: ECON. GEOLOGY, V. 86, NO. 8, P. 1646-1656.	10N 13W Sec. 16 SBM	34.95749999970	-118.27031000000
Emerald Queen Prospect	Uranium	Occurrence				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 649, P. 338. MINOBRAS, 1978, URANIUM DEPOISITS OF ARIZONA-CALIFORNIA-NEVADA: P. 86.	32S 35E Sec. 34 MDM	35.10359000010	-118.20981000000
Esperanza	Tungsten	Occurrence	Scheelite			TROXEL, B. W., AND MORTON, P. K., 1962, MINES AND MINERAL RESOURCES OF KERN COUNTY, CALIFORNIA: CAL. DIV. MINES AND GEOLOGY, COUNTY REPORT 1, P. 315	11N 14W Sec. 26 SBM	35.02221000000	-118.33869000000
Esperanza Prospect	Tungsten	Prospect				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 570, P. 315.	11N 14W Sec. 26 SBM	35.02078999990	-118.34481000000
Excelsior	Gold	Past Producer			Soledad Mountain Area - 00602902735; Elephant Group - 0060290164	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 107- 111.	10N 12W Sec. 06 SBM	34.98559999960	-118.19561000000
Exposed Treasure Mine	Gold, Silver, Mn	Past Producer				D.O.M. BULL. 152 1950 P. 84 D.O.M. BULL. 125 1943 P. 66	11N 12W Sec. 32 SBM	35.00639000000	-118.17396000000
Exposed Treasure Mine	Gold	Past Producer			Exposed Treasure; Soledad Mountain Area - 0060290735; Standard Group	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 120- 124. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 54.	11N 12W Sec. 32 SBM	35.00420000040	-118.17340000000

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Four Star	Gold, Silver, Pv, Cu	Past Producer				GOODWIN, J.G., 1957 , LEAD AND ZINC IN CALIFORNIA; CALIF. JOUR. MINES AND GEOLOGY, VOL. 53 , NOS. 3 & 4 ; DIV. OF MINES, P. 528 TROXEL, B.W. AND MORTON, P.K., 1962 ; MINES AND MINERAL RESOURCES OF KERN COUNTY, COUNTY REPT. 1 ; CA	11N 12W Sec. 32 SBM	35.00610999990	-118.16811999900
Gold Coin Claim	Gold	Prospect				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 186, P. 151.	11N 12W Sec. 31 SBM	35.00610000040	-118.18901000000
Golden Queen	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	10N 12W Sec. 06 SBM	34.99194000030	-118.18813000000
Golden Queen Mine	Gold	Past Producer			Golden Queen; Soldad Mountain Area - 0060290735; Gray Eagle; Queen Esther - 0060290732; Silver Queen; Soledad Extension; Echo - 0060650773	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 107- 109; NO. 191, P. 152. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, 1964, P. 51-52.	10N 12W Sec. 06 SBM	34.99190000040	-118.18811000000
Goldenrod Prospect	Uranium	Past Producer				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 652, P. 339. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 63. MINOBRAS, 1978, URANIUM DEPOSITS OF ARI	9N 13W Sec. 04 SBM	34.89640000020	-118.26901000000
Gum Tree Mine	Gold	Past Producer				CALIFORNIA JOURNAL OF MINING AND GEOLOGY, VOL. 36, NO. 1, P. 31-32	11N 12W Sec. 33 SBM	35.00528000000	-118.16757000000
Gum Tree Mine	Gold	Past Producer				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 205, P. 156. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 54.	11N 12W Sec. 33 SBM	35.00249999990	-118.15370000000
Gum Tree Mine	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	11N 12W Sec. 33 SBM	35.00249999970	-118.15368000000
Hansen Dg Pit	Stone, Crushed/Broken	Past Producer				CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 103, 1990, P.	32S 35E Sec. 21 MDM	35.12778999990	-118.22871000000
Hidecker Rock Co. Mill & Quarries	Stone, Crushed/Broken	Past Producer			Hidecker Rock Co.	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 269- 270. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 69.	9N 12W Sec. 08 SBM	34.88530000020	-118.16870000000
Hoegee Mine	Gold	Past Producer			Haeger Mine	CALIFORNIA OF MINING AND GEOLOGY, VOL. 25, P. 36	9N 13W Sec. 15 SBM	34.87722000020	-118.24035000100
Jumpin Claim	Uranium	Prospect				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 653, P. 339. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 62.	9N 13W Sec. 09 SBM	34.88999999980	-118.25841000000

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Kitty Kat Prospect	Uranium	Occurrence					10N 13W Sec. 35 SBM	34.91470000030	-118.22921000000
Ladd	Lead	Prospect				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, VOL. III- SOUTHERN CALIFORNIA: P. 54-55.	11N 12W Sec. 36 SBM	35.01080000030	-118.09950000000
Ladd Mine	Gold	Past Producer	Gold			TUCKER, W. B., SAMPSON, R.J. AND OAKESHOTT, G.B., 1949, MINERAL RESOURCES OF KERN COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 45, NO. 2, P. 227, PL. 17	11N 12W Sec. 36 SBM	35.00806000040	-118.10423000000
Last Chance	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	9N 13W Sec. 15 SBM	34.87500000030	-118.25119000000
Last Chance Mine	Gold	Past Producer			Last Chance/Nymph and Last Chance; Hoegee; Haegar	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 247, P. 165. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 50.	9N 13W Sec. 15 SBM	34.87719999970	-118.24011000000
Leona Tungsten Mine	Tungsten	Producer				DATA OBTAINED FROM BUREAU OF MINE COMMODITY SPECIALIST	11N 14W Sec. 26 SBM	35.01669000030	-118.33701000000
Lida	Gold	Past Producer	Gold		Hamilton	CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 14, P. 501 {Production:: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 14, P. 501.	9N 13W Sec. 11 SBM	34.87972000040	-118.23118000000
Los Angeles	Clay	Past Producer				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 51, P. 77. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIOFRNIA, P. 72.	9N 13W Sec. 11 SBM	34.88250000040	-118.22730000000
Mamie Prospect	Uranium	Occurrence				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 662, P. 340. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, P. 62. MINOBRAS, 1978, URANIUM DEPOSITS OF ARI	10N 12W Sec. 18 SBM	34.95830000020	-118.19450000000
Marie Celesle	Gold	Past Producer				PRODRECS.	10N 14W Sec. 04 SBM	34.98890000030	-118.37061000000
Middle Butte	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	10N 13W Sec. 16 SBM	34.95806000020	-118.26924000100
Middle Butte Mine	Gold	Past Producer	Gold			TUCKER, W.B., SAMPSON, R.J., AND OAKESHOTT, G.B., 1949, MINERAL RESOURCES OF KERN COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 45, NO. 2, P. 229, PL. 17	10N 13W Sec. 16 SBM	34.95778000040	-118.26897000000
Middle Butte Mine	Gold	Past Producer			Trent; Rosamond Clay	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 117. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 53. MINOBRAS, 1978, URANIUM DEPOSITS OF ARIZONA-CALIFORNIA- {Deposit:	10N 13W Sec. 16 SBM	34.95810000020	-118.26921000000

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Middle Buttes (Cactus) Deposit	Silver, Gold, Cu, Pb	Past Producer	Gold, Electrum, Cerargyrite, Argentite, Proustite, Chalcopyrite, Galena, Alunite, Kaolinite, Adularia, Pyrite, Marcasite, Arseno	{104: Hot-spring Au-Ag {151: Epithermal vein, Sado	Trent; Ella; Crescent; Silver Prince; Winkler; Shumake; Blue Eagle; Cactus Queen; Burton-Brite-Blank; Middle Butte	Albers, J.P., 1981, A lithologic-tectonic framework for the metallogenic provinces of California: Economic Geology, v. 76, no. 4, p. 765-790. Albers, J.P. and Fraticelli, L.A., 1984, Preliminary mineral resource assessment map of Ca	10N 13W Sec. 17 SBM	34.95777999960	-118.28937000000
Miller Pit	Sand and Gravel, Construction	Past Producer			Mojave Pit	SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, VOL. III- SOUTHERN CALIFORNIA, P. 87. CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 58, 1981, P. 41. CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATI	11N 12W Sec. 11 SBM	35.06000000040	-118.12170000000
Milwaukee Mine	Gold	Past Producer	Gold			TUCKER, W.B., SAMPSON, R.J., AND OAKESHOTT, G.B., 1949, MINERAL RESOURCES OF KERN COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 45, NO. 2, P. 230, PL. 17	9N 13W Sec. 09 SBM	34.88556000000	-118.26785000000
Milwaukee Prospect	Gold	Prospect				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 271, P. 170. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 50.	9N 13W Sec. 16 SBM	34.87060000010	-118.26401000000
Mojave Mining and Milling Co.	Gold	Past Producer			Soledad Mountain Area - 0060290735; Discovery; Double Standard; Gem; North Star; Mountain Key; Single Standard	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 274, P. 171. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 51.	10N 12W Sec. 05 SBM	34.98609999980	-118.17950000000
Mojave Pit	Sand and Gravel, Construction	Past Producer				CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 103, 1990, P.	10N 14W Sec. 35 SBM	34.91690000010	-118.33371000000
Mojave Pit	Sand and Gravel, Construction	Producer				CALIF. DIV. MINES AND GEOL. MINEFILE DATABASEE, JUNE 1993.	11N 12W Sec. 03 SBM	35.07498999970	-118.13870000000
Mojave Rock Products	Stone, Crushed/Broken	Past Producer				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, VOL. III- SOUTHERN CALIFORNIA: P. 70.	10N 12W Sec. 04 SBM	34.98170000040	-118.16700000000
Mojave Rock Products	Stone, Crushed/Broken	Past Producer				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, VOL. III- SOUTHERN CALIFORNIA: P. 69.	9N 12W Sec. 08 SBM	34.88500000010	-118.17840000000
Monarch Mine	Silver, Gold	Past Producer	Gold		Extension Ajax	TUCKER, W.B., SAMPSON, R.J., AND OAKESHOTT, G.B., 1949, MINERAL RESOURCES OF KERN COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 45, NO. 2, P. 230, PL. 17	10N 12W Sec. 05 SBM	34.98638999980	-118.18507000100

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Monolith Limestone Quarry	Limestone, General	Past Producer			Monolith Quarry	CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 58, 1981, P. 41.	32S 34E Sec. 29 MDM	35.11419000010	-118.35981000000
Monolith Portland Cement Co.	Limestone, General	Producer			Monolith-Calif Portland Cement	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 225- 227.	11N 14W Sec. 34 SBM	35.00669000030	-118.35921000100
Pharlap Claims	Beryllium	Prospect					10N 12W Sec. 08 SBM	34.97579999990	-118.17120000000
Pious Quarry	Granite	Producer				JOHN RAPP, CALIF. DIV. MINES AND GEOL., PERSONAL COMMUN., 1991.	9N 12W Sec. 17 SBM	34.87779999990	-118.17280000000
Pride of Mojave	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	11N 12W Sec. 33 SBM	35.00611000020	-118.16229000000
Pride of Mojave Mine	Gold	Past Producer	Gold			CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 36, P. 35-36	11N 12W Sec. 33 SBM	35.00194000020	-118.16507000000
Pride of Mojave Mine	Gold	Past Producer			Soledad Mountain Area - 0060290735; Four Star Mine; Pride of Mojave	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, NO. 309, P. 179. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 42, 54.	11N 12W Sec. 33 SBM	35.00720000020	-118.16370000000
Queen Esther	Gold	Past Producer			Soledad Mountain Area - 0060290735	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P.107- 111.	10N 12W Sec. 05 SBM	34.98749999970	-118.18530000000
Quien Sabe	Gold	Producer				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 314, P. 180. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 52.	10N 13W Sec. 09 SBM	34.97639000040	-118.26924000000
Quien Sabe Prospect-?	Gold	Prospect			Quien Sabe	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 314, P. 180. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 52.	10N 13W Sec. 09 SBM	34.97639999980	-118.26921000000
Riley Clay Deposit	Clay	Past Producer				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 61, P. 78. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 72.	9N 11W Sec. 19 SBM	34.85830000000	-118.08480000000
Rosamond Mill	Barium-Barite	Producer				EMPLOYMENT PLANT=10	9N 12W Sec. 21 SBM	34.85810000010	-118.16340000000
Rosamond Mine	Silica	Past Producer			Rosamond Feldspar and Silica; No.W. Sweetser; Townsend Feldspar and Silica	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 265- 266. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 74.	9N 12W Sec. 06 SBM	34.90190000020	-118.20060000000
Rosamond Sand Pits	Sand and Gravel, Construction	Past Producer				U.S. GEOLOGICAL SURVEY BULLETIN 1089-C, 1963, PLATE 10.	8N 11W Sec. 10 SBM	34.79439999960	-118.03900000000
Rosamond Uranium Prospect	Uranium, Au, Ag	Prospect			Rosamond-Mojave	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 672, P. 341. IAL PUBLICATION 103, 1990,, MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, P. 62. USGS-MRDS GSC ID, LIST AS OF JUNE 95.	10N 13W Sec. 25 SBM	34.92250000010	-118.21310000000
Rosamond-Mojave	Gold	Producer					10N 13W Sec. 11 SBM	34.96666999980	-118.23424000000

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Sailor Boy Mine	Gold, Silver	Past Producer			Silver Bow	CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 29, P. 282. CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 25, P. 47. {Production:: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 14, P. 510.	10N 12W Sec. 06 SBM	34.98693999980	-118.19424000000
Section 13-24 Quarry	Stone, Crushed/Broken	Past Producer			Mojave Portland Cement Co	CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 58, 1981, P. 40. CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 103, 1990,	11N 14W Sec. 24 SBM	35.03278999990	-118.32671000000
Silver Prince Deposit	Gold	Prospect				BLAKE, A.R., AND OTHERS, 1991, THE SHUMAKE VOLCANIC DOME- HOSTED EPITHERMAL, PRECIOUS METAL DEPOSIT, WESTERN MOJAVE DESERT, CALIFORNIA: ECON. GEOLOGY, V. 86, NO. 8, P. 1646-1656.	10N 13W Sec. 17 SBM	34.96079999980	-118.28671000000
Silver Queen Mine	Silica	Past Producer			Mcbrayer Mine	CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 103, 1990, P.	10N 12W Sec. 06 SBM	34.99000000000	-118.19561000000
Simons Brick Co	Clay	Past Producer				CALIF JOUR MINES AND GEOL V 50, NOS 3 AND 4, JULY-OCT, 1954, PP516-17, 661 MINERAL LOCATION ALSO PRESENT IN SECTION 16	10N 11W Sec. 02 SBM	34.99667000040	-118.01951000000
Snowball Deposit	Limestone, General	Occurrence			Snowball	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 432, P. 235.	11N 14W Sec. 33 SBM	35.00439000020	-118.36761000000
Soledad Mountain Area - 0060290735	Gold	Unknown			Karma	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 107- 111.	10N 12W Sec. 05 SBM	34.98720000040	-118.18560000000
Soledad Mountain Deposit	Silver, Gold	Past Producer	Gold, Cerargyrite, Argentite, Proustite, Chalcopyrite, Galena, Stibnite	151: Epithermal vein, Sado	Elephant; Gray Eagle; Echo; Starlight; Soledad Extension; Silver Queen; Queen Esther; Golden Queen; Karma; Bobtail	Albers, J.P., 1981, A lithologic-tectonic framework for the metallogenic provinces of California: Economic Geology, v. 76, no. 4, p. 765-790. Albers, J.P. and Fraticelli, L.A., 1984, Preliminary mineral resource assessment map of Ca	10N 12W Sec. 06 SBM	34.98541000030	-118.19395999900
Soledad Mountain Project	Gold	Plant			Starlight - 0060290731; Bobtail - 0060290132; Soledad Extension; Soledad-Mojave; Soledad Mountain Area; Bluebird - 0060290736; Pride of Mojave - 0060290307; Victory - 0060290344; Desert Queen - 0060290738; Exposed Treasure - 0060290739; Desert Gold Minin	CALIFORNIA DIVISION OF MINES AND GEOLOGY, COUNTY REPORT #1, 1962, PP. 107-111. THE MINING RECORD, VOL., 105, #52, 12-28-94, P1. THE MINING RECORD, VOL., 107, #48, NOV., 27, 1996, P5. THE MINING RECOR	11N 12W Sec. 32 SBM	34.99780000020	-118.18150000000
Standard Group	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	11N 12W Sec. 32 SBM	35.00528000040	-118.17146000000
Standard Hill Mine	Gold	Past Producer			Browers Hill Mine	CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 103, 1990, P.	11N 12W Sec. 32 SBM	35.00579999970	-118.17089999900

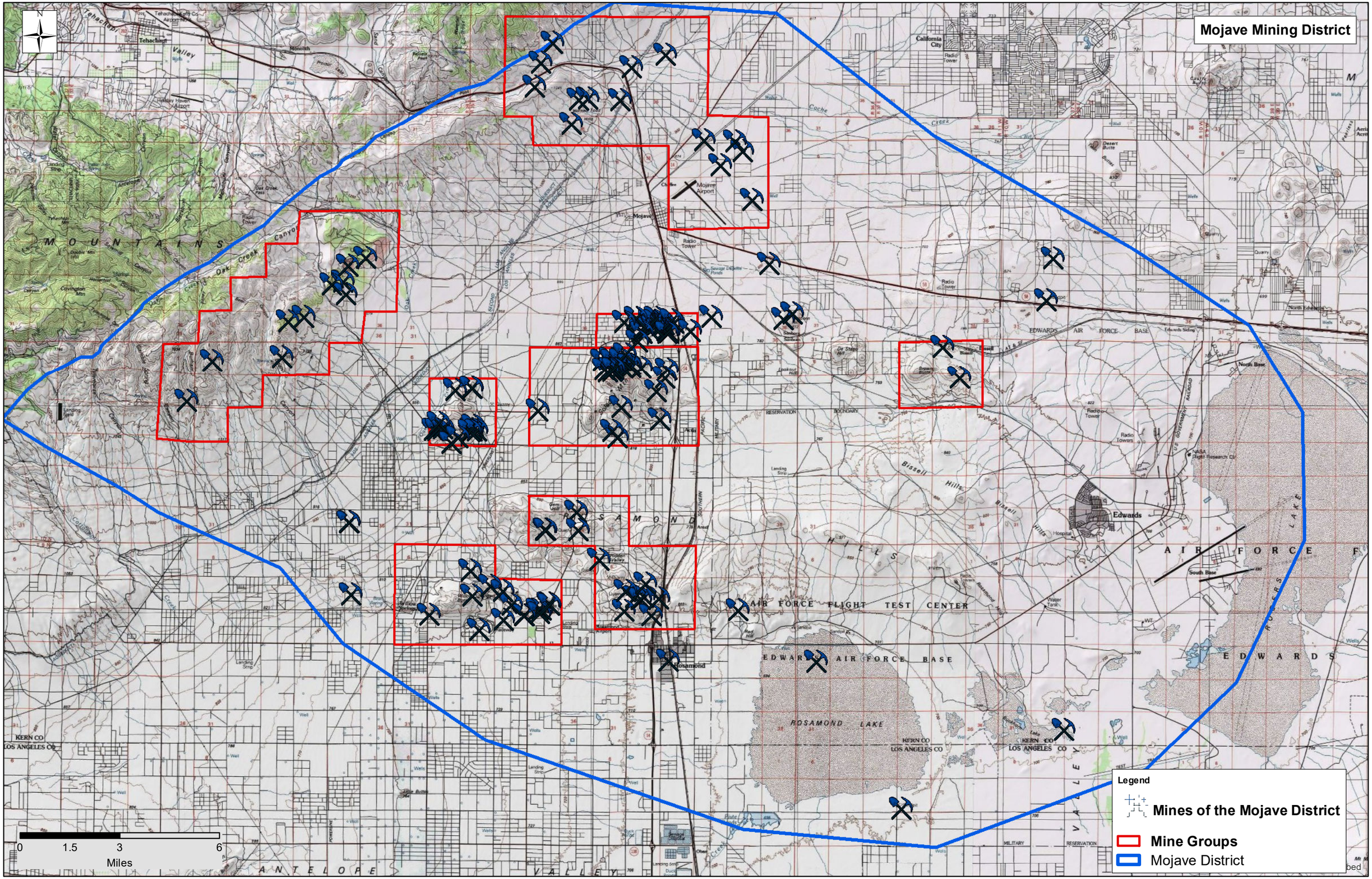
MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Starlight Vien	Gold	Prospect			Soledad Mountain Area - 0060290735; Queen Easter; Echo; Soledad Extention; Star Light; Silver Queen; Gray Eagle	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 107- 111.	10N 12W Sec. 06 SBM	34.98639999980	-118.18951000100
Stillwell Property	Uranium	Past Producer				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 675, P. 341. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 63. MINOBRAS, 1978, URANIUM DEPOSITS OF ARI	10N 13W Sec. 35 SBM	34.91470000010	-118.22981000000
Tehachapi Clay	Bentonite	Past Producer				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 71.	12N 12W Sec. 34 SBM	35.08578999970	-118.14761000000
Trent Deposit	Gold	Prospect				BLAKE, A.R., AND OTHERS, 1991, THE SHUMAKE VOLCANIC DOME- HOSTED EPITHERMAL, PRECIOUS METAL DEPOSIT, WESTERN MOJAVE DESERT, CALIFORNIA: ECON. GEOLOGY, V. 86, NO. 8, P. 1646-1656.	10N 13W Sec. 16 SBM	34.95779999980	-118.26651000000
Tropico	Gold	Past Producer			Big Three; Big Tree; Lida; Fairview; Hamilton	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 124- 125. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 50.	9N 13W Sec. 11 SBM	34.87830000040	-118.23200000000
Tropico	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	9N 12W Sec. 11 SBM	34.88056000030	-118.12673000000
Tropico Mines	Gold	Past Producer	Gold		Gold King; Claims: Tropico; Fairview; Lida; Pieute; Last Chance; Antelope; Topeka; Hattie; Bonanza; Home No. 1 & No. 2; H.B.; Kid; Rosamond	TUCKER, W.B., SAMPSON, R.J., AND OAKESHOTT, G.B., 1949, MINERAL RESOURCES OF KERN COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 45, NO. 2, P. 234-5, PL. 17. CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 29, P. 330-331. {Deposi	9N 13W Sec. 11 SBM	34.87972000040	-118.23284000000
Tropico Pit	Clay	Producer				CALIF. DIV. MINES AND GEOL. ACTIVE MINES (1991) DATABASEE.	9N 13W Sec. 11 SBM	34.88190000030	-118.22670000000
Unnamed Clay Deposit	Bentonite	Prospect			Clay Deposit #2	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 70, P. 80. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 71.	12N 13W Sec. 36 SBM	35.09249000020	-118.21811000000
Unnamed Feldspar Occurrence	Feldspar	Occurrence			Rosamond Feldspar	SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA P. 75.	11N 12W Sec. 32 SBM	35.00140000040	-118.17920000000
Unnamed Pit	Stone, Crushed/Broken	Past Producer			Decomposed Granite Pit	SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 73.	32S 35E Sec. 32 MDM	35.10859000030	-118.23811000000

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Unnamed Prospect	Gold	Prospect			Tip Top Mine	SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORINA, 1964, P. 52.	10N 12W Sec. 07 SBM	34.96860000020	-118.18980000000
Unnamed Prospect	Gold	Prospect				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, VOL. III- SOUTHERN CALIFORNIA: P. 50.	9N 12W Sec. 07 SBM	34.87970000020	-118.18700000000
Unnamed Prospect	Gold	Prospect				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, VOL. III- SOUTHERN CALIFORNIA: P. 50.	9N 12W Sec. 08 SBM	34.89170000000	-118.17590000000
Unnamed Quarry	Sand and Gravel, Construction	Past Producer			Soldedad Sand and Gravel	SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, LAST ENTRY, P. 86.	10N 12W Sec. 04 SBM	34.98559999960	-118.16590000000
Unnamed Quarry	Sand and Gravel, Construction	Past Producer			Sand and Gravel #2	SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, 3RD ENTRY, P. 86.	32S 35E Sec. 28 MDM	35.11889000020	-118.23481000000
Unnamed Quarry	Sand and Gravel, Construction	Past Producer			Sand and Gravel #5	SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 87.	11N 12W Sec. 02 SBM	35.08138999960	-118.12700000000
Unnamed Quarry	Stone, Crushed/Broken	Past Producer			Broken Stone #2	SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, 5TH ENTRY, P. 69.	9N 12W Sec. 07 SBM	34.88829999990	-118.18620000000
Unnamed Quarry	Sand and Gravel, Construction	Past Producer			Sanborn Sand and Gravel	SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, 3RD ENTRY, P. 87.	11N 12W Sec. 24 SBM	35.03220000040	-118.11230000000
Unnamed Quarry	Stone, Crushed/Broken	Past Producer			Broken Stone #5	SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 70.	11N 10W Sec. 03 SBM	35.07439999960	-117.92840000000
Unnamed Quarry	Stone, Crushed/Broken	Past Producer			Broken Stone #1	SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 69.	32S 35E Sec. 26 MDM	35.11749000010	-118.18651000000
Unnamed Uranium Occurrence	Uranium	Occurrence			Uranium Prospect	SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 63.	32S 35E Sec. 35 MDM	35.10309000030	-118.19261000000
Verdi Development Co, Anomaly No 3	Uranium	Prospect				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 335- 336, 344. SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 63. MINOBRAS, 1978, URANIUM DEPOSITS OF ARIZON	10N 13W Sec. 36 SBM	34.91469999980	-118.21200000000
Victory	Gold, Ag	Plant			Soledad Mountain Area - 0060290735; Standard Group; Standard Hill		11N 12W Sec. 32 SBM	35.00529999990	-118.17150000000
Webb Deposit	Clay	Prospect				CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 79.	9N 13W Sec. 10 SBM	34.88780000000	-118.25151000000
Wegman	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	10N 12W Sec. 06 SBM	34.98916999960	-118.19480000000

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Wegman Group	Gold	Past Producer			Eureka; Wegman; Soledad Mountain Area; Grace Group; Karma	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 175- 127. SOUHTERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 42, 52.	10N 12W Sec. 06 SBM	34.98920000040	-118.19481000000
Western Prospect	Gold	Prospect			Western Hematite Prospect	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, MAP NO. 370, P. 194. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUHTERN CALIFORNIA, 1964.	10N 13W Sec. 08 SBM	34.97529999990	-118.27841000000
Whitmore Mine	Gold, Silver	Past Producer	Gold		Claims: Whitmore No. 2; No. 3; No. 4; No. 5; No. 6; No. 7; Whitmore Extension; Antique; Antique Extension; Valley.	TUCKER, W.B., SAMPSON, R.J., AND OAKESHOTT, G.B., 1949, MINERAL RESOURCES OF KERN COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 45, NO. 2, P. 236, PL. 17. CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 29, P. 334-335. {Deposit:	11N 12W Sec. 32 SBM	35.00471999980	-118.17340000000
Whitmore Mine	Gold	Past Producer			Soledad Mountain Area - 0060290735	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 127: NO. 372, P. 194. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 54.	11N 12W Sec. 32 SBM	35.00250000000	-118.17980000000
Whitmore Mine	Gold	Producer				U.S. BUREAU OF MINES DATA BASE	11N 12W Sec. 32 SBM	35.00332999980	-118.17590000000
Willow Springs Pit	Sand and Gravel, Construction	Past Producer				CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 58, 1981, P. 40.	10N 14W Sec. 35 SBM	34.91689999990	-118.33401000000
Willow Springs Sand and Gravel	Sand and Gravel, Construction	Unknown				SOUTHERN PACIFIC CO., 1964, MINERALS FOR INDUSTRY, V. III- SOUTHERN CALIFORNIA, P. 86.	9N 13W Sec. 17 SBM	34.87689999990	-118.29061000000
Winkler Deposit	Gold	Occurrence				BLAKE, A.R., AND OTHERS, 1991, THE SHUMAKE VOLCANIC DOME- HOSTED EPITHERMAL, PRECIOUS METAL DEPOSIT, WESTERN MOJAVE DESERT, CALIFORNIA: ECON. GEOLOGY, V. 86, NO. 8, P. 1646-1656.	10N 13W Sec. 17 SBM	34.95860000010	-118.28451000000
Yellow Dog Extension	Gold	Past Producer	Gold		Claims: Liberty; Victory; Bull Moose; Bull Moose No. 1 & No. 2; Bull Moose Fraction	CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 25, P. 55-56. CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 19, P. 164.	11N 12W Sec. 33 SBM	35.00277999980	-118.16673000000
Yellow Dog Mine	Gold	Past Producer	Gold			TUCKER, W.B., SAMPSON, R.J. AND OAKESHOTT, G.B., 1949, MINERAL RESOURCES OF KERN COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 45, NO. 2, P. 238, PL. 17. CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 29, P. 338-339. {Deposit::	11N 12W Sec. 32 SBM	35.00667000040	-118.17507000000

MINE NAME	COMMODITY	STATUS	ORE	MODEL	PREVIOUS NAMES	REFERENCES	TOW-RAN-SEC	Latitude	Longitude
Yellow Dog Mine	Gold	Past Producer			Soledad Mountain Area - 0060290735	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 130- 131. SOUTHERN PACIFIC CO. MINERALS FOR INDUSTRY, V. III-SOUTHERN CALIFORNIA, 1964, P. 53.	11N 12W Sec. 32 SBM	35.00779999980	-118.18261000000
Yellow Dog Mine	Gold, Silver	Producer				U.S. BUREAU OF MINES DATA BASE	11N 12W Sec. 32 SBM	35.00778000050	-118.18258000000
Yellow Rover Mine	Gold	Past Producer			Yellow Rover; Soledad Mountain Area - 0060290735; Standard Group	CALIF. DIV. MINES AND GEOL., COUNTY REPORT 1, 1962, P. 120- 124.	11N 12W Sec. 32 SBM	35.00809999970	-118.17200000000
Zoledad East	Gold	Past Producer			Soledad East	MSHA RPT DATED AUG. 1981	10N 12W Sec. 17 SBM	34.96330000030	-118.16950000000

Mojave Mining District



Mojave Mining District
Geology from Dibblee, 1958b

Tehachapi

Mojave

Edwards

Rosamond

Legend

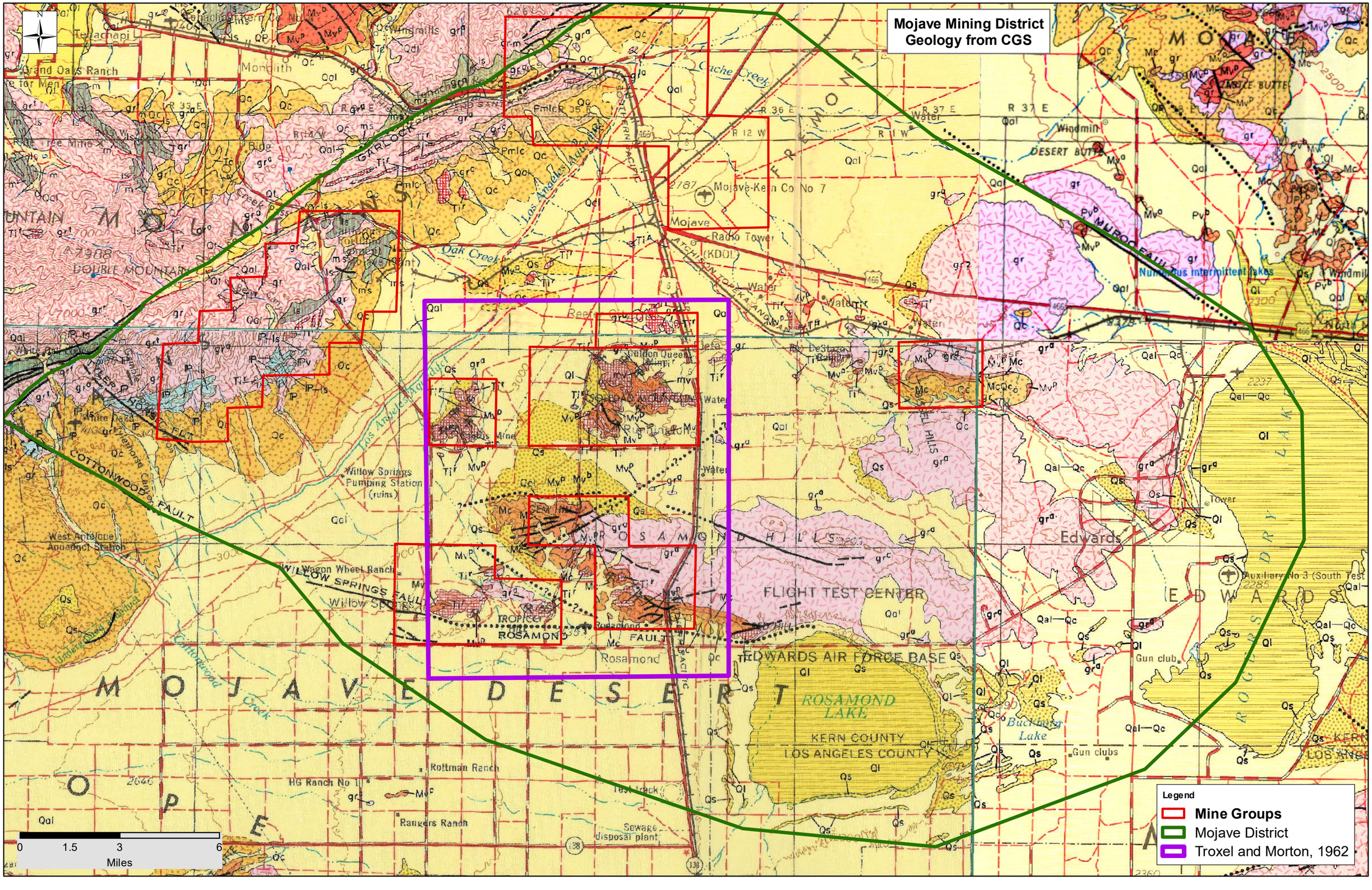
Mines of the Mojave District

Mine Groups

Mojave District

0 1.5 3 6
Miles

Mojave Mining District Geology from CGS



Legend

- **Mine Groups**
- Mojave District
- Troxel and Morton, 1962

Mojave Mining District
Primary and Secondary Faults
and tectonic block designations

Tehachapi

Mojave

Rosamond

Block A

Block B

Block C

Edwards

Block A

Block B

Block C

Garlock Fault

Muroc Fault

Rosamond Hills Fault North

Mojave-Edwards Fault

Tyler Horse Fault

Rosamond Hills Fault South

Cottonwood/Willow Springs Fault

0 1.75 3.5 7

Miles

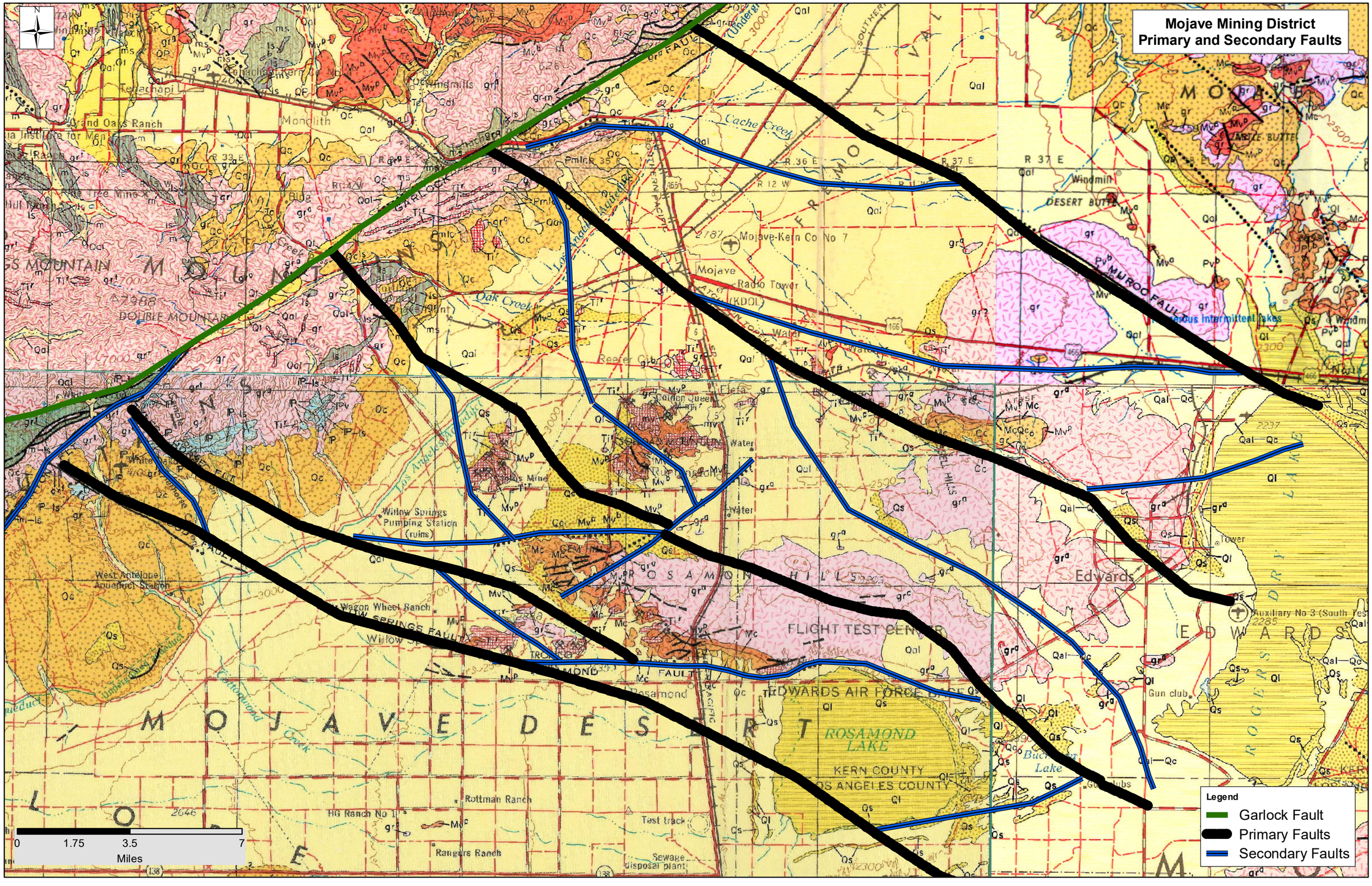
Legend

Garlock Fault

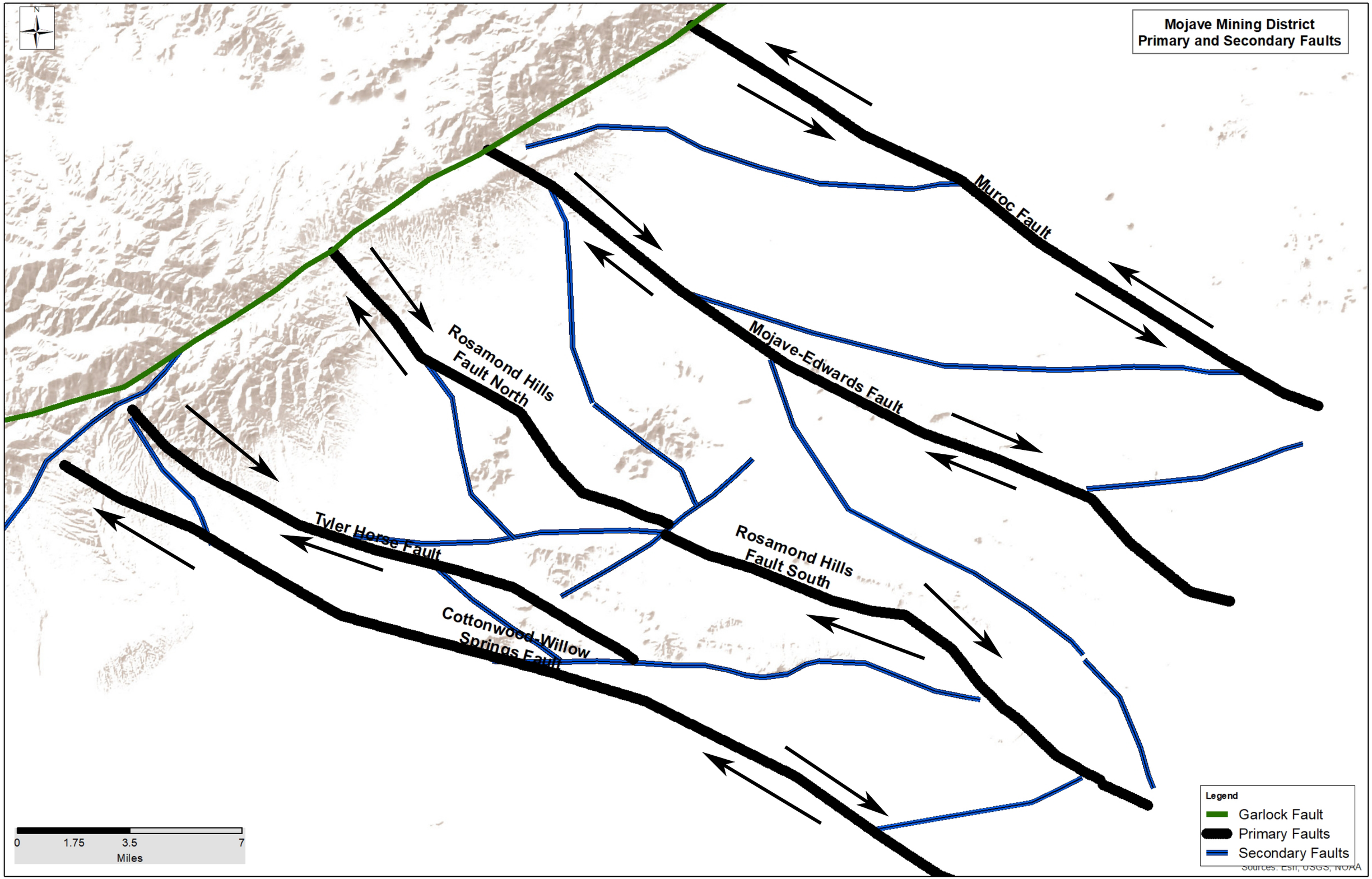
Primary Faults

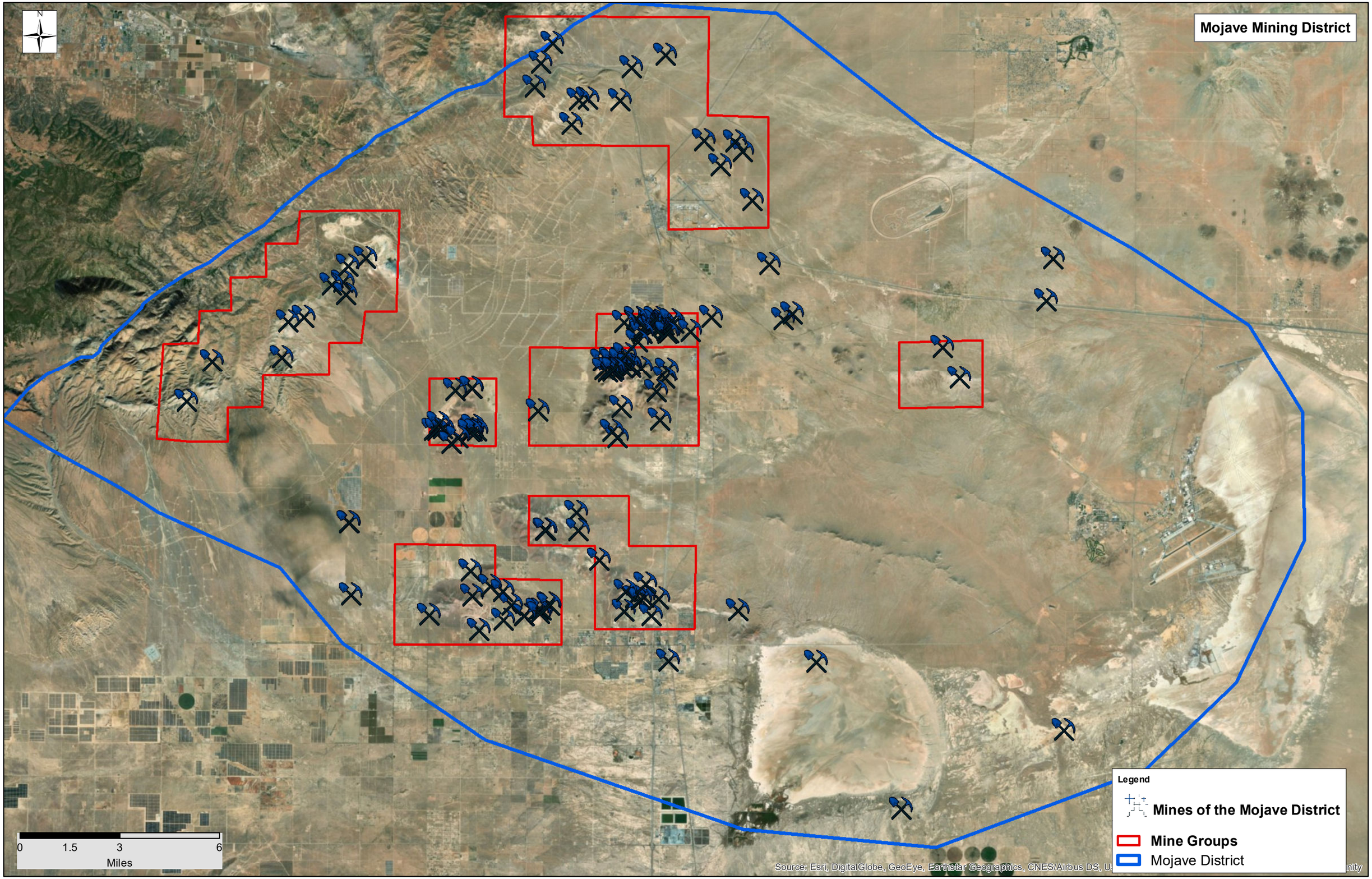
Secondary Faults

Mojave Mining District
Primary and Secondary Faults



Mojave Mining District
Primary and Secondary Faults




N
Mojave Mining District
0
1.5
3
6
Miles
Legend
Mines of the Mojave District
Mine Groups
Mojave District
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, U