MINING HISTORY AND ECONOMIC GEOLOGY OF THE WHITE MOUNTAINS, INYO AND MONO COUNTIES, CALIFORNIA

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Introduction

For the purposes of this report, the White Mountains are defined as the area east of Owens, Hammil, and Benton Valleys, north of Soldier Canyon and Deep Springs Valley, west of Fish Lake Valley, and south of Truman Springs, Saratoga Springs and the town of Basalt in Mineral County, Nevada.

Within this area, the U.S. Geological survey has inventoried 433 mines and prospects (Table 1). The distribution of principal commodity types is:

Unknown = 16	Gold = 143	Potassium = 1
Antimony = 1	Gypsum-Anhydrite	Pumice =12
Barium-Barite = 7	Iron = 1	Sand and Gravel =7
Bismuth =1	Kaolin = 1	Silver = 82
Clay = 2	Kyanite = 4	Talc = 7
Copper =20	Lead = 25	Thorium = 1
Diatomite = 5	Mercury = 50 (49 in Nevada)	Titanium = 1
Fluorine-Fluorite = 14	Mica = 1	Tungsten = 19
Graphite =1	Platinum Group Metals = 1	Uranium = 6

There are 271 mines and prospects for precious (Au, Ag) and base (Pb, Cu) metals. The present gross values of these minerals from the principal mines in the White Mountains are:

MINE NAME	COMMODITES	RESERVES	Ave. Grade	Commodity price/ton	Gross value
Industrial Mineral Mines					
Champion	Andalusite	250,000 tons	53%	$150	$19,875,000
Colton	Soapstone	1.2 million tons	100%	$50	$60,000,000
Gunter Canyon	Pumice	9.6 million tons	100%	$15	$144,000,000
Pacific Mine	Sericite	630,000 tons	100%	$60	$37,800,000
Metallic Mines					
Sacramento	Au, Ag, Cu	5,500 tons	0.47	$1,000	$2,585,000
Moulas	Au, Ag	22,000 tons	0.23	$1,000	$5,060,000
Indian Queen-Poorman	Ag	170,000 tons	2.00	$50	$17,000,000
Green Monster	Ag, Zn, Pb	2,600 tons	17.00	$50	$2,210,000
Saratoga-Lexington-Ranger	Au, Ag	1,600 tons	0.41	$1,000	$656,000.00
Eva Belle	Au, Ag	7,000 tons	0.13	1000	$910,000

See Table 02 at the end of this report for additional details. Many of these mines are now in Wilderness or other restricted-status lands.

EARLY MINING CAMPS OF OWEN'S VALLEY-WHITE MOUNTAIN REGION

The early mining camps of Owensville, San Carlos and Bend City were described by Allen Hencher and Jack Peskin (1980) as follows:

Only weeks after Dr. French's expedition found riches in the Cosos, prospecting parties from San Francisco found pockets of gold along the Inyo range. Indian attacks retarded development but failed to dampen hope. In fact, a New York company, headed by the superintendent of the Eclipse- the best mine-and backed In part by the Kern, even proposed a canal large enough to carny ships and power 500 stamps (Hencher and Peskin, 1980).

Still, the boom did give rise to four well-equipped mills, one with a 2,700-foot ditch for water, and three important towns: Owensville, San Carlos, and Bend City (Hencher and Peskin, 1980).

Owensville 37°24'03"N 118°20'44"W T.06S. R.33E. Sec. 27, NW1/4

Owensville, being the only town near a sawmill, boasted of wood-frame buildings set on stone foundations. It supported a saloon, restaurant- store, and lodge of the Sons of Temperance. Owensville probably peaked in 1864, when a July 4 celebration drew 150 men and women (Hencher and Peskin, 1980).

A post office operated at Owensville from 1866 to 1870, when it was transferred to Bishop (then called Bishop Creek). The town was abandoned by 1871 (Durham, 1998a).

From 1868 to 1869, the town was called Glen Mary. Owensville is west of the modern-day town of Laws. The site is now registered as California Historical Landmark #230 as the "First Permanent White Habitation in Owens Valley"(Office of Historical Preservation, 2012).

San Carlos, Bend City and Chrysopolis are described in the companion article "Mining History and Economic Geology of the Inyo Mountains, California."

Montgomery City 37° 49' 39" N - 118° 25' 48" West T.01S, R.32E, Sec. 27, SE1/4

David A. Wright has this to say about the early mining camp of Montgomery City (Wright, 2014):

California's Mono County contains a generous number of ghost towns, including the premiere ghost town of Bodie. But only 41 air miles southeast of Bodie lies a ghostly site that is for the most part forgotten, a town that was a contemporary of Bodie's earliest days. That site is Montgomery City. When Mono County was still in its infancy, the town of Benton became a destination of miners seeking new strikes, and by 1865 was the county's largest town. The area became a beehive of activity and as usual, miners began roaming when nearby prospects became scarc (Wright, 2014).

A few miners were already finding ore where the perpendicular cliffs of Montgomery Canyon opened onto alluvium at the foot of the spectacular White Mountains, a few miles to the east. In 1863, the

Montgomery District was formed, but the identity of the man who levee his name on the land remains a mystery (Wright, 2014).

The town site of Montgomery City was soon christened, but it never got very big. Attorney Pat Reddy, well known throughout the entire Eastern Sierra region, moved to Montgomery City in 1864. He had recently lost his right arm in a Virginia City saloon shoot-out, and began dabbling in a law practice. He also ran for Recorder of the Montgomery Mining District and won 61 out of 99 total votes (Wright, 2014).

A stone cabin exhibits a nicely preserved hearth and fireplace.

Photograph from rom Wright, 2014

Montgomery City didn't live very long. There was never even a post office established in the town. The Montgomery Pioneer newspaper was apparently published in November and December 1864, though no issues are known to exist today. The paper was mentioned in Bodie newspapers, and one copy of it was reported to be in existence in 1881 (Wright, 2014).

The Montgomery Pioneer's editor and publisher didn't stick around very long and later became Judge of the Superior Court of San Francisco. Mining in Montgomery City at the time can be well summed up in a letter to the editor he sent to the Inyo County Register (forerunner of the still-published Inyo Register of Bishop, CA)(Wright, 2014).

Stone building foundations at Montgomery City. Photo by Gregg Wilkerson, 2014

"Benton, Mono Co., Cal., July 1, 1885, EDS. REGISTER -- In early days -- about '63 and '64, I believe -- some very rich rock was found in Montgomery Canyon, and a tremendous rush and excitement was the consequence. A lively little town of three or four thousand inhabitants at once sprung up, locations were made and mines opened out, and large shipments of rich ore made to San Francisco and other places. I have been told that some of the ore was worth from $2 to $3 a pound; but the ledges were broken on the surface, and apparently gave out, and the excitement soon subsided. In the meantime, parties prospecting around found rich ore on Blind Springs Hill." (Wright, 2014).

The original Benton is now a sleepy village with a small population. The main attraction is the bed and breakfast at the old Benton Hot Springs Inn. What maps show as Benton on U.S. 6 is a late comer in the area, established as Benton Station in 1880 when the narrow gauge Carson & Colorado Railroad came to the area. But Montgomery City is a true ghost town and rewards anyone who makes the rough but short trip up to it, an extremely enjoyable experience (Wright, 2014).

Nearly a dozen stone walls can easily be seen scattered throughout the site. They are all located within the confines of Montgomery Creek and the base of the White Mountains. One stone cabin nestled along the base of the mountains has a fairly intact roof with both square and round head nails, indicating later occupancy. Another stone cabin exhibits a nicely preserved hearth and fireplace (Wright, 2014).

Montgomery City is situated at an elevation of just over 6,500 feet and affords pleasant summertime browsing, though it can be warm in the direct sunshine.

The road leading up to the main haul portal to the mine is deteriorated, and the portal has been caved. Below it is a smaller open working that drifts in several hundred feet.

The mineral surveys and patents at Montgomery are accessible through the Bureau of Land Management (2014). The surveys and patents in T.01S, R.332E, Sec. 27 are:

Mineral Survey	Patent
2429	15383
2430	15382
2431	15381

Montgomery mine dump. Photo by Gregg Wilkerson, 2014

MINING HISTORY OF THE WHITE MOUNTAINS

The mining history of the White Mountains region is summarized by Diggles, and others, 1983:

The earliest known- mining activity around 1861 was in the southern end of the White Mountains. The most important mines included the Sacramento, Twenty Grand, Southern Belle, and Poleta mines, which produced ore containing gold, silver, copper, and lead. Ores from these mines were first processed at the Ida mill in Owensville, near the present town of Laws, California (Clark and Clark, 1978).

The earliest discovery in the northern end of the White Mountains was in 1870 at the Indian Queen-Poorman mine north of the White Mountains Roadless Area. By 1888 it had a 4-stamp mill; operations were continuous until around 1917, then intermittent until 1983. Other silver-, lead-, and zinc-rich areas were found in this area and south to Montgomery Canyon. Whiting (1888) reported that mines in Montgomery Canyon had produced $60,000 worth of metals, but by 1890, most of the rich, easily accessible silver ores had been removed. Completion of the Carson and Colorado Railroad through the Owens Valley in 1883 made Benton at the north end of the valley a mining center. Goods and machinery were delivered, and the ores and concentrates were shipped to smelters in the Reno and San Francisco areas (Clark and Clark, 1978).

Interest in the nonmetallic deposits, which are located on the west range front between Sacramento and Silver Canyons, began around 1920. A deposit of andalusite in Jeffrey Mine Canyon (later Champion

Mine) was mined from 1921 to 1945. Deposits of sericite (referred to in some previous reports as pyrophyllite) flank the andalusite deposits and have been mined since the mid-1940's. Ore from open pits is transported by truck to a grinding mill at Laws, California, for processing. Barite was mined in the Gunter Canyon area from the late 1920's to the late 1950's. Some barite came from the Hobo property, but most of it came from the Gunter Canyon Barite mine adjacent to the roadless area. Production from several pumice deposits from the mid-1920's to 1983 has supplied local and southern California markets related building products (Stewart, 1949). Limestone from Silver Canyon was shipped to soda plants on Owens Lake for production of carbon dioxide gas used in carbonation (Logan, 1947). A small, unspecified amount of limestone from a quarry outside the roadless area, between Coldwater and Piute Canyons, was used for roofing granules (Bateman, 1956).

GEOLOGIC HISTORY OF THE WHITE MOUNTAIN REGION

Diggles and others, (1983:1) summarize the geologic history of the White Mountains:

The White Mountains include rocks as old as Proterozoic and deposits as young as Holocene. The rocks can be divided into four groups. (1) An upper Proterozoic through Cambrian sequence of carbonate, quartz sandstone, and shale that was deposited in a shallow-marine continental shelf environment and Ordovician strata that consists of dark argillite, chert, and shale deposited in a deep-water marine environment. The Ordovician rocks were thrust into their present location from sites of deposition 40 mi or more to the northwest. (2) Metavolcanic and metasedimentary rocks similar to Paleozoic and Mesozoic rocks found tens of miles to the northeast in western Nevada occur near White Mountain Peak. They are of a higher metamorphic grade than older rocks nearby, suggesting that they are allochthonous. (3) Mesozoic plutonic rocks of the Inyo batholith, an eastern extension of the Sierra Nevada batholith, are predominantly granodioritic to granitic in composition, but also include monzonite. About half of the roadless area is underlain by granitic rock and 16 discrete plutons have been mapped. Most of these are Jurassic or Late Cretaceous in age but small Triassic plutons are present also (Crowder and others, 1973). (4) Late Tertiary volcanic and sedimentary rocks, especially abundant in the northern part of the White Mountains, include rhyolitic lava flows, ash flows, ash-fall tuffs, and hypabyssal bodies. Most of the Tertiary sedimentary rocks contain a large amount of rhyolitic ash. Andesitic lava flows and lahar deposits are common, and olivine basalt flows are found locally at many places throughout the White Mountains (Diggles and others, 1983:1).

MINERAL POTENTIAL OF THE WHITE MOUNTAIN ROADLESS AREA

The USGS and U.S. Bureau of Mines assessed the mines and mineral deposits of the White Mountains between 1964 and 1983. In their summary report, Diggles and others (1983:4) concluded that:

The most important metallic mines in the area are: (1) the Sacramento mine, with 5,500 tons of measured and inferred marginal reserves containing gold, silver, and copper; (2) the Moulas mine, with 22,000 tons of indicated and inferred marginal reserves containing gold and silver; (3) the Green Monster mine, with 2,600 tons of indicated and inferred marginal reserves containing silver, zinc, and lead, and a smaller amount of higher grade resources; and (4) the Saratoga, Lexington, and Ranger mines, with 1,600 tons of indicated and inferred marginal reserves containing gold and silver.
The most important nonmetallic mine inside the White Mountains Roadless Area, the Colton mine, has 1.2 million tons of indicated and inferred sub-economic sericite resources. The Pacific mine, partly

within the roadless area, has 630,000 tons of indicated and inferred reserves and 430,000 tons of indicated and inferred sub-economic resources of sericite. The Champion mine has 250,000 tons of inferred sub-economic resources of andalusite and rutile. The Gunter Canyon area pumice deposits adjacent to the White Mountains Roadless Area have 9.6 million tons of indicated and inferred sub-economic resources (Diggles, and others, 1983:4).

PRINCIPLE MINES OF THE WHITE MOUNAIN REGION

Champion Mine ***37°37'07.09"N -118°19'15.03"W*** ***T.04S, R.33E, Sec. 10***

D.D. Trent describes the Champion Andalusite Mine as follows:

Introduction: Clearly the Champion Andalusite Mine, also known as the Jeffrey Mine, is one of the world's most unusual mines. Not only was it unique geologically, but also was its mining method. In the 1920s, the Champion mine was the only commercial source of andalusite known in the world, a remarkable fact considering that andalusite is a mineral common in many metamorphic rocks[1]. Andalusite is an aluminum silicate mineral, which the Champion Sillimanite Company of Detroit, Michigan, processed to manufacture high temperature refractory materials such as automobile spark plugs and chemical laboratory porcelain (remember Gooch crucibles used in quantitative chemistry laboratory classes?). Andalusite has long since been replaced by a synthetic refractory material called mullite (Schmauch, and others, 1983, p. 28).

Location: The mine on the western flank of the White Mountains near the head of what is now Jeffrey Mine Canyon (shown as Dry Canyon on early maps). Elevation is 8,600 to 10,000 feet. Access is by hiking up a steep and rugged 4.5-mile trail.

[1] Andalusite, Al_2SiO_5, is a polymorph of sillimanite and kyanite.

Upper workings of the Champion Andalusite Mine showing rock cribbing, tunnel portals and scaffolding on the cliff, ca. 1930 (Eastern California Museum).

Years of Operation: 1921 to 1945 (Dingles, and others, 1983, p. 5).

Production: 1921-1945, 26,457 tons of andalusite was produced, valued at $183,992. Principle production, from 1922 to 1936, amounted to about 20,000 tons of 53 percent andalusite (Schumauch and others, 1983, p. 19).

Upper mine camp of the Champion Mine, ca. 1930. All but the upper building were destroyed by fire in January 1987 (Eastern California Museum).

Geology of the Ore Deposit: The northern segment of the White Mountains is essentially an easterly tilted crustal block with an impressive escarpment rising from the Chalfant-Hamil valleys on the west, at an elevation of 1,310 m (4,300 feet), to the range summit at White Mountain Peak, elevation 4,342 m (14,246 feet). Cenozoic (?) uplift of the range occurred along the White Mountain fault zone.
The andalusite deposit is in a quartz mass in fault-sheared steeply dipping felsic metavolcanic rocks of probable Permian to Jurassic age (JPf in Chowder and Sheridan, 1972). The rocks are metamorphosed felsic tuffs and flows containing relict pyroclastic textures, and probable flattened relict pumice fragments showing flow structure. Some of the metavolcanics in hand specimen are difficult to distinguish from aplite dikes (Crowder and Sheridan, 1982). The vivid yellow and orange of the metavolcanic rocks in the slopes of Jeffrey Canyon, and in nearby Cottonwood and Lone Tree Canyons, result from hydrothermal alteration of the felsic volcanic rocks in the shear zone of the White Mountain fault. To the west of the mine are metasedimenary rocks of Permian to Jurassic Age (JPs in Chowder and Sheridan, 1972)

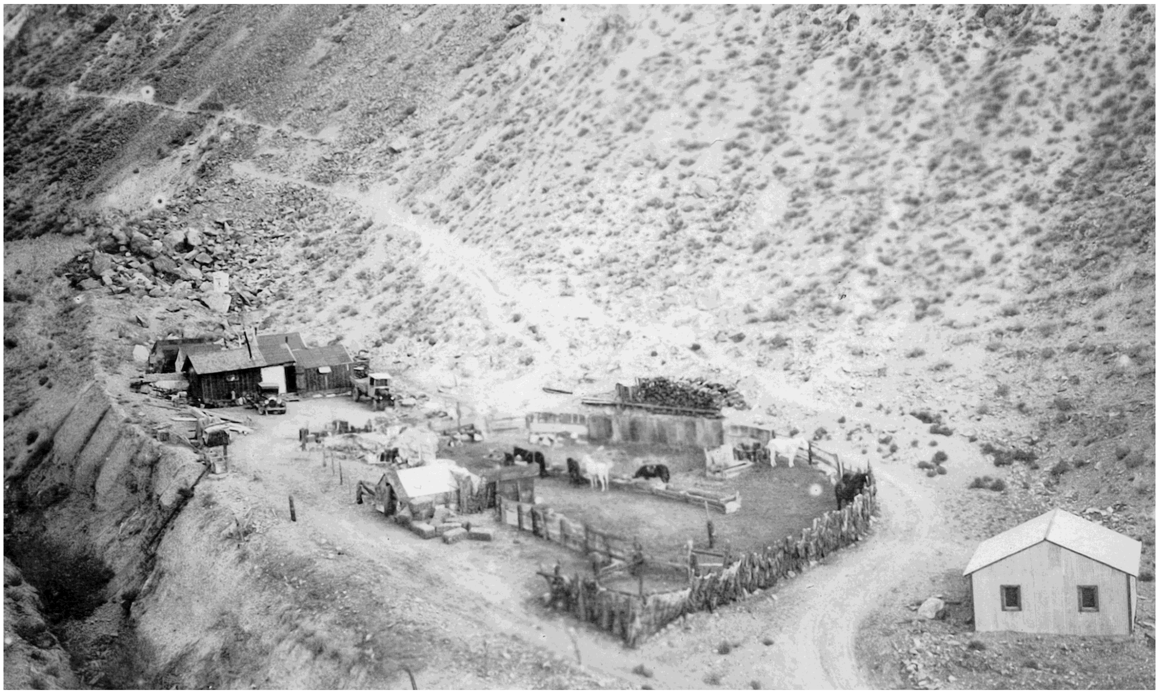
Intruding the metamorphic rocks is the adamellite and granite of Pellisier Flats, a gray, medium to coarse-grained biotite-hornblende quartz monzonite of probable upper Jurassic age; a K-Ar age of biotite from a sample in the adjacent Benton quadrangle yields an age of about 157 Ma (Everden and Kistler, 1970, p.33). Shearing in the White Mountains fault zone has produced black mylonite as well as flasher and augen gneisses. Mapping of the varying rock types is difficult in the highly sheared environment. Furthermore, the steep, rugged terrain makes access to much of the shear zone extremely difficult (Crowder and Sheridan, 1982).

The zone of andalusite is about 300 feet wide and 500 feet long in sheared metamorphic rocks in the White Mountain fault zone (Jeffrey and Woodhouse, 1931, p.461; McKee, and others, 1982). The deposit is described as segregations, irregular lenses and stringers associated with the 300 foot-wide quartz mass bounded by hydrothermally altered sericite schist, and quartz monzonite (Melhase, 1925, p.92; Kerr, 1932, p.618; Sampson and Tucker, 1927, p. 400). Typically, the andalusite consists of loose, intergrown prismatic crystals, some of which reached lengths of several inches. Associated with the andalusite is quartz, and a variety of minerals including cavities of small crystals of lazulite, rutile (up to 3%), topaz, fluorite, zircon, pyrite, pyrophyllite, corundum, woodhouseite ($CaAl_3(SO_4)(PO_4)(OH)_6$[2], svanbergite ($SrAl_3(PO_4)(SO_4)(OH)_6$), and other somewhat rare phosphate minerals (Jeffrey and Woodhouse, 1931, p. 461; Cooper, 1962, p.23).

The source of the alumina and the sequence of geologic events explaining the origin of the andalusite deposit are unclear. It seems probable that the White Mountain fault zone provided the plumbing system for hydrothermal fluids from the Pellisier Flats intrusion to interact with the felsic volcanics and form the mineral deposit.

Development : The mine included eight workings, the Vulcanus No. 1 through Vulcanus No. 8. Mining was by the open stope and pillar method. The ore was then hand sorted and sacked for carrying out 4.5 miles by mule pack train to the loading camp. The workings were not extensive as most of the ore was in "high-grade segregations in massive quartz and large rooms and stopes were used to [extract] most of the ore." Tunnels were used for exploration and haulage of the ore (Sampson and Tucker, 1927, p. 401; Cooper, 1962, p. 8). Strings of pack mules packed the ore down the steep trails to a platform at the base of the trail where the ore was loaded into sacks containing about 100 pounds each. From the platforms the ore was trucked to a loading station on the Nevada & California narrow gauge railroad (the "Slim Princess", equipment and rolling stock of which may be seen at the Laws Railroad Museum and Historic Site near Bishop).

[2] The mineral named in honor of Charles Douglas Woodhouse (1888–1975), mineralogist, professor at the University of California, Santa Barbara.



Champion Mine. The mule corals and base of the 4.5 mile trail where trucks were loaded with sacks of ore (Eastern California Museum).

At Mina, Nevada, the ore was transferred to standard gauge Southern Pacific Railroad trains and shipped to Detroit (Jeffrey and Woodhouse, 1931, pp. 461-462).

"The lower [mine] camp at about 7,500 feet elevation included the cook house, bunk houses, a wash house, a machine shop and a blacksmith shop. The cook house boasted a commercial size cooking range as well as a walk-in refrigerator – both hauled up over 3,000 vertical feet on the 4.5-mile switchback trail (Kelsey and Kelsey, p. 38).

Electricity for the camps was supplied by a hydroelectric plant on the Jeffrey ranch at the base of the mountain and transmitted five miles to the mine camps. Wire, hardware, and power poles were packed up the steep mountain trail by mules. Two air compressors, one at each the lower and upper deposits, powered air drills (Sampson and Tucker, 1931, p. 455; Kelsey and Kelsey, 1992, p. 40).

History: The deposit was discovered in 1917 by Adolf Knoph (Knopf, 1917; Knopf, 1921) but no development work was undertaken until 1921 when the site was located by Dr. J.A. Jeffrey, a dental surgeon who had some experience in mining and an interest in mineralogy. With the help of an enthusiastic prospector he located the andalusite deposit at the head of what was then known as Dry Canyon. Jeffrey bought a ranch at the base of the White Mountains that became the base of operations for the mine. In addition, the ranch provided forage to feed the mules that packed the ore down the mountain and packed the food and supplies, including 600 pound air compressors, to the mine camps up the mountain.

Loading pack mules with ore and equipment at the Champion Mine. Blinders were used on cantankerous mules during loading for their safety and for that of the packers (Mural on the Chase Bank building, Bishop, California).

Pack mules and a packer at a switchback on the steep trail packing out ore to the lower station of the Champion Mine (Eastern California Museum).

Dr. Charles Woodhouse, Jeffrey's son-in-law, became the general manager of the corporation. He designed and supervised the building of the 4.5 mile trail from the ranch to the mine camps (Kelsey and Kelsey, p. 38).

Packing out the ore required use of an aparéjo (Spanish, harness or pack saddle), a packsaddle used by mule freighters. It consisted of a large leather "envelope" stuffed with hay until it was about six inches thick and large enough to cover the mule for the heavy loads to be carried. Two 95-pound sacks of ore were loaded on each side of the aparéjo for the trip down the trail (Kelsey and Kelsey, p. 38). The operation included 16 mules and two packers. There were two trips a day, using two strings of eight mules, winter and summer.

Obviously, developing and operating this mine was extremely difficult. Nevertheless, it continued to operate even in its later years as the reserves became depleted and a competing economic process for making mullite had been developed. One wonders why mining continued in the face of these realities. It is speculated that Dr. Jeffrey, the company president, simply enjoyed vacationing at the ranch even after mining andalusite became uneconomic. The operation closed down in 1945 and the Champion Mine reverted to public domain in 1982 (Cooper, 1962, p. 8; Diggles, and others, 1983, p. 3).

Acknowledgements

I wish to thank Roberta Harlan and Heather Todd of the Eastern California Museum, Independence, California, for their vital help in providing documents and photographs that contributed greatly to this article on the Champion Mine.

Colton Soapstone Mine ***37°37'60"N -118°19'60"W*** ***T.04S, R.33E, Sec. 3, NW1/4***

A pyrophyllite-soapstone deposit/mine located 6.8 km (4.3 miles) W of White Mountain Peak, south of Lone Tree Creek, on National Forest land. It is northwest of the Champion Mine, between Lone Tree Creek and Jeffrey Canyon. It was owned by Huntley Industrial Minerals, Inc. It was worked intermittently (Minedat.org, 2014c).

The mine is in Permian to Jurassic age metasedimentary rocks (JPs in Chowder and Sheridan, 1972). There is a fault and sheers metavolcanic rocks northeast of the mine.

Mineralization is a replacement type pyrophyllite deposit hosted in mixed clastic/volcanic rock (pre-Cretaceous prophyllitic schist, quartzite, and pre-Cretaceous volcanic rocks. The ore body is lens-shaped at a thickness of 30-48 meters and several hundred feet long. The ore consists of pyrophyllite schist in silicified zones in pre-Cretaceous volcanics and sedimentary rocks. Alteration is local (silicification). Local rocks include pre-Cenozoic metasedimentary and metavolcanic rocks undivided (Minedat.org, 2014c)**.**

The Colton Mine, has 1.2 million tons of indicated and inferred sub-economic sericite Resources (Schmauch and others, 1983:6)

For additional information see, Wright (1957b), USGS (2005c).

Eva Belle Mine ***37°33'7"N*** ***-118°11'48"W*** ***T.04S, R.34E, Sec. 35, SW1/4***

A former Au-Cu-Pb-Zn-Ag prospect/mine located in sec. 35, T4S, R34E, MDM, 0.8 km (2,600 feet) NE of Cottonwood summit, on National Forest land (located claim). The mine was formerly owned by the Minerals Management Co., Dyer, Nevada. It produced in 1929. Workings include underground openings at a length of 79 meters and comprised of a 125 foot adit and 135 feet of drifts. Smelter recovery was 9.40% Pb, 32.55 ounces Ag/ton, 0.50 ounces Au/ton and 2.84% Cu. No production values available (Minedat.org, 2014d).

Quartz monzonite of the Beer Creek Pluton (Jmb in Krauskopf, 1971) is in contact with Pre-Cambrian Reed dolomite (pCr in Krauskopf, 1971) for at least 3 mi along a northerly trend. A lens of quartz-limonite boxwork occurs in a 30-feet-wide shear zone in dolomite. The lens is 100 feet long, 2.5 to 12.5 feet thick, and contains quartz, limonite, hematite, malachite, lead and zinc carbonates, and minor amounts of pyrite and galena. Similar material on dumps of workings suggest several lenses or pods may exist (Schmauch and others, 1982m, Table 4, No. 72, p.44).

Mine workings are found in a zone 4,300 feet long which follows a northwest Trend. In this zone there are four adits (with 300 feet of workings) and eight pits. The mine produced a total of 607 tons of ore which yielded 303.7 oz. gold, 11,826 oz. silver, 6,629 lb copper, 55,284 lb lead, and 17,943 lb zinc in 1901, 1902, 1904, 1975, and 1976 (U.S. Bureau of Mines production records; cited in Schmauch and others, 1982, Table 4, No. 72, p.44).

The mine was reopened in 1976 and mapped that year by Gregg Wilkerson during the U.C. Santa Barbara summer field camp. Host rocks are Pre-Cambrian carbonates and quartzites of the Campito, Deep Springs, and Reed Formations (Krauskopf, 1971). The mineralization is chimney form at the intersection of two faults. Although close to the Beer Creek Pluton, this is not a contact metamorphic deposit.

There are about 7,000 tons of indicated sub-economic resources containing 0.13 oz. gold per ton, 1.2 oz. silver per ton, 1.0 percent lead, 0.17 percent zinc, and 0.11 percent copper remain in the deposit. There is a high potential for additional gold-silver-lead-zinc- copper resources (Schmauch and others, 1983, Table 4, No. 72, p.44).

Additional information can be found in Eric (1948), Schmauch and others (1983;44), USGS (2005), and U.S. Bureau of Mines (1998). In this guide is an article and geologic map of the Eva Belle Mine.

Gunter Canyon Pumice Mine	***37°27'30"N***	***118°17'7"W***	***T.05S, R.33E, Sec. 36, SE1/4***
(Hidecker Mine)			***T.06S, R.34E, Sec. 06, NW1/4***
			T.06S, R.33E, Sec. 12, 13

A former pumice mine located about 9.3 km north-northeast of Laws, along Gunter Creek Canyon, on National Forest wilderness land (White Mountains Roadless Area Review & Evaluation (RARE II) Area) Local rocks include Pre- Cambrian marine rocks of the Poleta (Cp) and Campito formations (Cpm) (Bateman, 1965, Plate 3) . Workings include unspecified surface openings (Minedat.org, 2014b).

Additional information about the Gunter Canyon pumice deposit is found in Tucker (1926:251) and Tucker (1938b:485, pl.3.)

Gunter Canyon Mines

Indian Queen – Poorman Mine ***37°53'22.32"N -118°19'06.29"W*** ***T.01S. R.33E, Sec. 03***

The primary source of information about the Indian Queen-Poorman mine is Smith and others (1983k).

The Indian Queen-Poorman mine is in the Buena Vista mining district, also known as the Queens, Oneata, Mount Montgomery, or Basalt district , is usually described under Mineral County, Nevada. The principal mining area in the district, however, is located at the head of Queen Canyon in Esmeralda County. Queen Canyon lies just north of Boundary Peak in the northern White Mountains east of the Nevada-California state line. All of the portion of the district in Esmeralda County is within the boundary of the Inyo National Forest, and a small part of the district at the head of Queen Canyon, including the Indian Queen Mine site, is within the Sugarloaf Roadless area (Smith and others 1983:25k).

According to Lincoln (1923) the first mining activity in the area dates to 1862. Little came of the early prospecting, and it was not until 1870 that the Indian Queen (Queen) Mine was located. Production began in 1873, and extended for a number of years. Couch and Carpenter (1943) credit the district with $367,435 through 1881. Lincoln (1923) mentions a revival in 1905-07, but no record of production for this time exists (Smith and others 1983:25k).

Mill foundations, Indian Queen Mine. Photo by Gregg wilkerson, 2014

As shown on U.S.G.S. map GQ-1013, the rocks exposed on the southwest side of Queen Canyon are hornblende-diorite, ademellite, and granite of the Inyo batholith. On the northeast side of Queen Canyon, metasedimentary rocks of the Cambrian Harkless Formation and the Ordovician Palmetto Formation are exposed. These rocks have been intruded by the Inyo batholith complex, and hornfels, skarn, and marble have formed locally within the contact zone. Tertiary volcanic rocks form the upper reaches of the northeast side of Queen Canyon either covering or cross-cutting the older sedimentary rocks. Most of the mineral properties in Queen Canyon are located within the north west trending band of Harkless Formation exposed on the steep slope of the canyons' north wall. The Indian Queen or Queen Mine is high on Garnet Ridge at the southeast head of the canyon, the Morgan, Spohr, and Albert mines are located along the trend of the Harkless outcrop to the northwest. Just above the old camp area in Queen Canyon, the canyon forks on each side of Garnet Ridge. The lower point of Garnet Ridge is underlain by Ordovician Palmetto Formation, mapped in thrust contact with the underlying Harkless. No mineral deposits were seen in the Ordovician rocks, and the thrust itself has no evidence of mineralization. The thrust contact is mapped (U.S.G.S. GQ-1013) as following the canyon floor to a point just west of the old camp where it climbs up and across the toe of the canyon wall west of the Albert mine. There are small prospects here, but they are in the Harkless Formation, just east of the mapped thrust contact. The small outcrop of basalt just above the Spohr mine is in flow contact with the underlying metasediments, and a red baked zone can be seen below the basalt in the metasediments. Although not shown of the geologic quadrangle map, it seems that there is a major structure between the Cambrian rocks and the Tertiary rocks high on the canyon rim to the northeast. The Cambrian rocks east of the Albert mine appear to be large, chaotic blocks, in a way similar to blocks on the margins of large caldera structures . The highest points on the east canyon rim, Mustang Point, Horseshoe Rock, and Kennedy Point, appear to be rhyolitic plugs or domes within the Tertiary section. The structural boundary between Mustang Mountain to the east and Queen Canyon to the west also forms the general boundary between the Buena Vista district and the adjacent Fish Lake Valley district (Smith and others 1983k:25, 26).


Cabins at Indian Queen Mine. Photo by Greg Wilkerson, 2014

The Harkless formation in the area of the mines in Queen Canyon is composed of argillites, phyllites, and spotted schists. The rocks arc tan, pale green, and maroon, and they show abundant iron staining around the old mine workings. At the Indian Queen mine, some of t h e workings follow a 50 foot-wide shear zone which is heavy with iron and manganese oxide staining . Other workings on the ridge above the mine expose N40°W trending shear structures. The old drifts and stopes of the Indian Queen-Poorman mine are reported to follow prominent northwest-southeast shear zones. Mining was done on what are described as breccia zones laced with quartz veins containing sulfide minerals (Brad Lyles , personal communication). An interesting observation made by Lyles is that the old workings extend for a long distance to the southeast, and that the extreme southeast end of the accessible workings pass from altered sediments into highly altered volcanic rocks. The contact is not sharp, and is complicated due to the alteration. Lyles did not think that the vein-type mineralization was present within the volcanics (Smith and others 1983k:27).

If the vein mineralization of the Indian Queen does extend into volcanics, the mineralization is therefore very young, and not related to the Inyo Batholith to the south. If, as is more logical, the vein mineralization does not cross the contact, the alteration in the volcanics may signify young mineralization related to the volcanics similar to what can be seen in the mercury-gold properties in the Fish Lake Valley district to the southeast. Whatever is the case, if volcanic rocks were actually intersected by the deep workings of the Indian Queen, the contact between Cambrian sediments and Tertiary volcanics must here be a structural contact district (Smith and others 1983k:27).

Dump rock a t the Indian Queen contains visible amounts of galena, chalcopyrite, pyrite, and copper oxide minerals. Some galena with quartz was seen at the upper Albert workings. Other dumps in the area were, except for minor iron staining , essentially barren (Smith and others 1983k:27).

Additional information can be found in Vandenburgh (1937), USGS (1908), Lincoln (1923), Raymond (1877) and Nevada Bureau of Mines & Geology (1983).

Moulas Mine Group 37.5277062 N. -118.276774 W. T.05S, R.33E., Sec. 01, NE1/4 T.05S, R.34E., Sec. 08

The Moulas Mine Group are former lode Au-Cu-Ag mines 1.8 km (6,000 feet) northeast of Chalfant Peak, on National Forest land. It was owned by Kintla Exploration and Outback Mining Co Workings include surface and underground openings. (Minedat.org, 2014c).

Local rocks include Granodiorite of Mount Barcroft. The mine is associated with a fault in this igneous unit (Bateman, 1965, Plate 3).

Metamorphic rocks the Moulas Mine consist of slate and hornfels that are in contact with a Granodiorite of Mount Barcroft pluton. The sedimentary rocks are faulted and sheared in northeast to northwest directions and filled with various amounts of quartz or gouge. The quartz veins range from 0.1 to 7.0 feet thick and 10 to 400 feet long. The longest vein averages about 2 feet thick. It is massive, brittle, often banded with limonite and siliceous limonite. Some areas of the vein have blebs or masses of pyrite, specular hematite, chalcocite, or chalcopyrite and associated malachite stain (Schmauch and others, 1983h, Table 4, No. 85, p.47).

Mine workings at the Moulas Mine Group consist of eleven adits (six caved), three shafts (two caved), 11 trenches, and 20 pits are in a 0.5 by 2.5 mile area. The adits are 20 to 100 feet long, except for the main inclined adit which has over 800 feet of drifts and stoped areas (Schmauch and others, 1983h, Table 4, No. 85, p.47).

In a trench adjacent to the main inclined adit is a quartz vein with 22,000 tons of indicated and inferred marginal reserves, averaging 0.23 oz. gold and 0.2 oz. Silver per ton. In the unmined portion of the inclined adit is 9,600 tons of indicated sub-economic resources averaging 0.08 oz. gold and 0.5 oz. silver per ton. Of the 184 samples collected from this property, 34 had 0.1 to 1.78 oz. gold per ton, 24 had 1.0 to 11.2 oz. silver per ton, and 20 had 1.0 to 3.98 percent copper. This property has a high potential for additional gold-silver-copper resources (Schmauch and others, 1983h, Table 4, No. 85, p.47).

Additional information is found in USGS (2005b) and U.S. Bureau of Mines (1998).

Pacific Mine 37°38’55.83”N -118°20’24.01”W T.03S, R.33E, Sec. 33, NE1/4

At the Pacific Mine, sericite-bearing schist occurs in a band of felsic metavolcanic rocks that trend north for more than 3 miles along the White Mountains fault zone. The main deposit is more than BOO feet long and 100 feet thick. An additional deposit or extension, about 100 feet thick, lies 400 feet to the north. Three lenses of sericite schist, 160 to 220 feet long, occur at the White Swan Claims 2,000 feet south of the main deposit. Ore grade rock contains mostly sericite with less than 30 percent quartz. This deposit has been described as pyrophillite (Schmauch and others, 1983h, Table 4, No. 53, p.40).

The mine occurs in a shear zone of felsic metavolcanic rock that is Permian to Triassic in age (JPf in Crowder and Sheridan, 1972). Metasedimentary rocks are to the west of the mine (JPs in Crowder and Sheridan, 1972).

Mine development consists of two open pits are on the main deposit. The north pit is 200 by 400 feet and has been explored to a depth of 200 feet by five drill holes. The south deposit was developed by a 111-feet-long adit. Ore was crushed and classified at a mill at Laws, California, 4.5 miles northeast of Bishop. The Pacific Mine has produced more than 160,000 tons since 1945, (U.S. Bureau of Mines production records) and continued to produce about 1,000 tons per year on a custom basis in 1983. The product was sold under the trade name Chromacal which was used principally as a paint extender (Schmauch and others, 1983h, Table 4, No. 53, p.40).

The Pacific Mine has 630,000 tons of indicated and inferred reserves and 430,000 tons of indicated and inferred sub-economic resources of sericite (Schmauch and others, 1983h:6)

Piute Mine ***37°31'07.14"N -118°19'30.23"W T.05S., R. 33E. Sec 14, NW1/4***
(Comstock Pumice Mine)

The Piute Mine appears prominently on BLM's 1:100,0000 topographic map. But in the USGS mine database, it is recoded as the Comstock Pumice Mine

The massive, moderately consolidated pumice deposit is exposed only in the open pit; elsewhere it is covered with fanglomerate at least 10 feet thick. Particles making up this subaqueous deposit vary from fine sand to pebble size. A screen analysis by Chesterman (1956, p. 61) shows that 76.5 percent is minus 1/4 in. to plus 30 mesh in size **(**Schmauch and others, 1983j, Table 4, No. 84, p.46).

Piute Mine dump on west slope of the White Mountains near Chalfant. Photo by D.D. Trent.

An open pit, 400 feet long, 100 feet wide, and 30 feet deep. The property was mined intermittently from 1941 to 1945. A bulldozer removed overburden and pushed pumice into a storage bin. The minus 1/8 in.

undersize, removed by screens, was mostly silica sand. The oversize material was crushed by rollers to pass a 5/8 in. screen and sold at Bishop and other markets in southern California (Chesterman, 1956, p. 61; Schmauch and others, 1983j, Table 4, No. 84, p.46).

From outcrop exposures, at least 110,000 tons of indicated and inferred marginal reserves of pumice remain. Compaction, permeability, and porosity tests confirm its suitability for lightweight aggregate products. This property has a high potential for additional pumice resources (Schmauch and others, 1983j, Table 4, No. 84, p.46).

Polita Mine 37°21'31.68"N -118°16'32.43"W T.07S, R.34E., Sec. 08, NW1/4

This mine had gold, some free-milling, associated with pyrite and carbonate in narrow quartz vein in limestone. It was worked by a 400-foot adit and a 600-feet, inclined winze (Norman and Stewart, 1951, Table 4, No, 73, p.160).

Ruins of ore loding structure, Poleta mine. Photo by Gregg Wilkerson, 2014

The rocks are PreCambrian Poleta Formation (Bateman, 1965, Plate 3). See geologic maps at end of this report


Mine decline at Poleta Mine. Photo by Gregg Wilkerson, 2014.

There is a unique paved road at the Polita mine with 60% grades.


Paved road at Polita Mine. Photo by Gregg Wilkerson, 2014.

Mine Dumps at Poleta Mine. Photo by Gregg Wilkerson, 2014.

Additional information is found in Crawford (1894:139; 1896:183); Davidson (1902:7, 11) Eric, (1948c:249); Tucker (1938:10; 414-415, 477, pl.3), and Tucker (1940:24,25)

Sacramento Mine 37°32'35.91"N -118°19'55.53"W T.03S, R.33E, Sec.03, NE1/4 T.05S, R.32E, Sec, 2

Sacramento Mine, comprising 6 claims, on the west slope of the White Mountains, 11 miles north of Laws and 3 miles northeast of Chalfant Siding on the Southern Pacific Railroad at an elevation 6000 feet. The owner, in 1940 was Joseph Smith, of Laws, Calif. The quartz vein in granite strikes N. 30" E., and dips 30" northwest. It is from 18 in. to 4 feet wide. Development consists of a 300-feet. shaft on the vein from which workings considerable ore was stoped prior to 1890. Below this shaft four tunnels have been driven into the hill. The upper, No. 1 tunnel, was driven 300 feet on the vein. Some stoping was done above this tunnel. No. 2 tunnel was driven 550 feet on the vein, then crosscut east 900 feet. Vein is 2 feet to 4 feet wide in these workings, No. 3 tunnel north 30" east 450 feet on the vein which is 4 feet wide here. At face of tunnel is a winze 50 feet deep with I00-feet drift trends north which ends at a fault. Strike of fault is east-west. No. 4 tunnel is a crosscut east 150 feet, with a raise to No. 3 tunnel. The ore in these workings is said to carry $15 to $16 (in 1940) per ton in gold, largely free. The mine is idle (Sampson and Tucker, 1940:132).

Sacramento Mine upper tramway terminal. Photo by D.D. Trent. May, 2014.

Ore at the Sacramento Mine is contained in a 1.7- to 2.0-feet-thicK quartz vein, associated with an altered diabase dike in hornblende monzonite, is exposed for 380 feet along strike and 600 feet down dip in mine workings. The vein and dike trend north and dip 25° W. The north end of the vein is thinned and fragmented by shearing; the east side is partly overlapped and terminated by a reverse fault. Pyrite and chalcopyrite in the vein are partially oxidized. Gold and silver are associated mainly with limonite and secondary copper minerals. Discrete grains of visible gold were observed in quartz and in siliceous limonite-quartz (Schmauch and others, 1983, Table 4, No. 53, p.40).

Sacramento Mine lower Tramway terminal. Photo by D.D. Trent. May, 2014.

The Sacramento ore lies in a fault zone in the Granite of Mount Barcroft (Batman, 1965, Plate 3).

The Sacramento Mine has 5,500 tons of measured and inferred marginal reserves averaging 0.47 oz. gold per ton, 0.3 oz. silver per ton, and 0.56 percent copper (Schmauch and others, 1983j, p. 6)

Additional information about the Sacramento Mine is found in California State Mining Bureau Report (1894:12:183; 1896:13:230, 1927:23:388) and Eric, (1948b:274).

Sacramento Mine lower tramway terminal with Chalfant Valley and Sierra Nevada in the distance. Photo by D.D. Trent. May, 2014.

Saratoga, Lexington, and Ranger Mines ***37°27'51.74"N -118°18'44.33"W***
T.05S, R.33E, Sec. 36, SW1/4

At the Saratoga, Lexington and Ranger Mine, there is a mineralized shear zone, 4 to 5 feet thick, in interbedded limestone and argillite. The vein is exposed for 60 feet on the surface and to a depth of 80 feet in the workings. The zone contains from 70 to 90 percent limonite and siderite with discontinuous veins and pods of quartz up to 1.5 feet thick, and veins of chalcedony and calcite. Various amounts of hematite, pyrite, pyrolusite, malachite, chalcopyrite, gold, and silver also occur in the zone (Schmauch and others, 1983, Table 4, No. 101, p.50).

At the Saratoga. Lexington and Ranger Mine, development consists of four adits totaling 700 feet, one shaft that is 29 feet deep, and five pits. Production data was reported with the Southern Belle Mine and cannot be separated (Schmauch and others, 1983, Table 4, No. 101, p.50).

The ores at this mine are hosted in the PreCambrian Poleta and Campito formations. The ore is localized along a fault zone that juxtapose these two formations (Bateman, 1965, Plate 3).

There are Eight hundred tons of indicated and 800 tons of inferred marginal reserves averaging 0.41 oz. gold per ton, 0.54 oz. silver per ton, and 0.06 percent copper remain in the deposit. Road access and processing facilities near the property are factors that influence the classification of this small resource. There is a moderate potential for additional gold, silver and copper resources (Schmauch and others, 1983g, Table 4, No. 101, p.50).

Southern Belle Mine 37°27'42"N -118°18'58"W T.06S, R.33E, Sec. 2
T.05S, R.33E, Sec. 35, SE1/4 and Sec. 36, SW1/4

The Southern Belle Mine is in the Piute Mining District. D.D. Trent observes:

According to U.S. Bureau of Mines records, the Southern Belle has also been known as the Inyo Gold Mine (Schmauch and others, 1983c, p. 18).

Southern Belle ore loading structure. Photo by Gregg Wilkerson, 2014

The mine is located on the western slope of the White Mountains, about 5.5 mi north of Laws. The nine claims are partially in Mono County. The south end of the property is in Inyo County. It was in operation from 1893-1937 (Schmauch and others, 1983c, p. 18).

Southern Bell Mine mill site and dumps. Ore shoot delivered ore from a railroad track that connected to northern parts of the mine complex. Photo by Gregg Wilkerson, 2014.

The Southern Belle Mine is reported to have produced $250,000 prior to 1904 but the records were destroyed in the 1906 San Francisco earthquake fire. The U.S. Bureau of Mines reports the combined production from several workings: gold, 1,024.77 oz.; silver 182 oz.; (Sampson and Tucker, 1940b, p. 135; Schmauch and others, 1983c, p. 18).

The ore deposit is intensely faulted and folded. Host rocks are hornfels, argillite, phyllite, shale, and marble of the PreCambrian Campito Formation (Bateman, 1965, Plate 3). These metamorphic rocks are broken by steeply-dipping tensional faults. The 0.1 to 2.9-feet-thick quartz veins filling these faults contain iron oxides, copper oxides and gold. (Schmauch and others, 1983, p. 50). Granitic rocks intrude the metamorphic rock sequence, but no igneous rocks are present in the mineralized area of the mine workings and the property is divided into three segments, the Southern Belle, Bullion and New York mines (Sampson and Tucker, 1940, p. 135). Six veins are reported at the Southern Belle, three of which have been the main producers. The Southern Belle vein, which strikes east-west and dips about 45 degrees N, averages 7 feet in width. It has been worked by horizontal drifts, winzes and raises. The Randolf and Pierce veins, also striking east-west experienced limited development (Sampson and Tucker, 1940b, p. 135-136).

Several portals at the Southern Belle main workings connected to more than 3,900 feet of stopes, drifts and winzes. At the southern end of the property are four shafts, six trenches, three pits and 11 adits. The New Year shaft, which is in Inyo County, is reported to be 260 feet deep with three underground working levels, and the Bullion Mine, east of the New Year, was developed by a 375-feet inclined shaft with six levels. A small mill was on the property in 1940 consisting of a jaw crusher, three 1250-lb stamps, amalgam plates, a concentrating table and powered by a 20 horse power gas engine (Sampson and Tucker, 1940b, p. 136; Schmauch and others, 1983c, p. 50).

The Southern Belle mine was worked from 1893 until about 1907. From 1931 to 1937, it was leased by operators (Sampson and Tucker, 1940b, p. 136).

A railroad connected the northern and southern workings of the Southern Belle. The mill foundations are still there, as are remnants of many ore delivery shoots.

Twenty Grand Mine 37°30'45.82"N -118°19'13.37"W T.05S, R.33E, Sec. 14, SE1/4

The Twenty Grand Mine is former lode Au-Ag-Cu-Pb producer located, 2.3 km (2,500 feet) south of Chalfant Peak, along Piute Creek, on National Forest land. The property was comprised of 10 claims. Mineralization is a vein deposit with veins at 2 to 20 feet thick, hosted in quartzite, dolomite, quartz monzonite and limestone of the PreCambrian Poleta Formation (Bateman, 1965, Plate 3).

The ore body strikes NE and dips 30-40SE at a thickness of 6.1 meters (maximum). Vein quartz is brecciated and recemented. Alteration is local (oxidation). Local rocks include Cambrian marine rocks and/or Quaternary alluvium and marine deposits. Workings include underground openings comprised of a 600 foot adit, 120 foot adit and a 40 foot adit, plus a 60 foot incline and a 40 foot incline with a 200 foot, 15 degree winze. There are also a 200 foot adit, and two 300 foot adits with 150 feet of crosscuts and drifts. Total underground development is about 2,000 feet (Minedate.org, 2014g).

The geology of the Twenty Grand mine consists of northwest-trending, gently dipping faults and shear zones in metasedimentary rocks and quartz monzonite are partially filled by quartz veins 1 to 2 feet thick and 100 to 200 feet long. Quartz is massive to vuggy and brecciated, and contains gold, galena, chalcopyrite, hematite, pyrite, brochanthite, antlerite, malachite, and azurite (Schmauch and others , 1983e, Table 4, No. 96, p.49).

Mine development consists of twelve adits, three caved, one caved shaft, 41 pits and trenches. Forty-eight tons produced in 1936 yielded 11.8 oz. gold, 909 oz. Silver, 1,213 lb copper, 9,100 lb lead (U.S. Bureau of Mines production records). Sampson and Tucker (1940, p.139-140) reported that five carloads shipped from this property had ore valued at $60 per ton (Schmauch and others , 1983e, Table 4, No. 96, p.49).

A small amount of ore was produced in 1936. Smelter recovery ran 9.45% Pb, 1.26% Cu, 1.89 ounces/ton Ag, and 0.25 ounces/ton Au. There is no record of early Au production. Production data are found in Goodwin (1957c).

Additional information may be found in Tucker and Sampson (1940:139-140), Schmauch and others (1983e), USGS (2005g), and U.S. Bureau of Mines (1989f).

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Sampson, R.J., and W.B. Tucker 1940a, California Jour. of Mines and Geology, Mineral Resources of Mono County, v.36, no. 2. Pp. 117-156. This report has good info on the Sacramento and some others. But don't trust the Sec. Range and Townships listed in their blurbs on mines in their 1927 and 1940 reports; double check on the 1972 USFS Inyo NF map (Sacramento Mine).

Sampson, R.J., and W.B. Tucker, 1940b, Mineral Resources of Mono County: Thirty-sixth Report of the State Mineralogist, California Jour. of Mines and Geology 36, no. 2, pp. 117-156 and map (Southern Belle Mine).

Schmauch, S.W., Steven W., David A. Lipton, Richard L. Rains, and Richard A. Winters, 1983a, *Mineral investigation of the White Mountains RARE II Area (No. 5058), Inyo and Mono counties, California, and Esmeralda and Mineral Counties, Nevada,* U.S. Bureau of Mines MLA 94-83, 59 p .

Schmauch, Steven W., David A. Lipton, Richard L. Rains, and Richard A. Winters (1983b), Summary Report – Mineral Investigation of the White Mountains RARE II Area (No. A5058), Inyo and Mono Counties, California, and Esmeralda and Mineral Counties, Nevada, U.S. Bureau of Mines Open File Report MLA 94-83: Pl. 1, No. 85, p. 10, Table 4, No. 85, p. 47 (Moulas Mine).

Schmauch, Steven W., David A. Lipton, Richard L. Rains, and Richard A. Winters, 1983c, Mineral investigation of the White Mountains RARE II Area (No. 5058), Inyo and Mono counties, California, and Esmeralda and Mineral Counties, Nevada, U.S. Bureau of Mines MLA 94-83, 59 p (Southern Belle Mine).

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Schmauch, Steven W., David A. Lipton, Richard L. Rains, and Richard A. Winters, 1983e, Summary Report – Mineral Investigation of the White Mountains RARE II Area (No. A5058), Inyo and Mono Counties, California, and Esmeralda and Mineral Counties, Nevada, U.S. Bureau of Mines Open File Report MLA 94-83: Table 4, No. 96, p. 49 (Twenty Grand Mine).

Schmauch, Steven W., David A. Lipton, Richard L. Rains, and Richard A. Winters, 1983e, Summary Report – Mineral Investigation of the White Mountains RARE II Area (No. A5058), Inyo and Mono Counties, California, and Esmeralda and Mineral Counties, Nevada, U.S. Bureau of Mines Open File Report MLA 94-83: Table 4, No. 58, p. 8 (Indian Queen-Poorman).

Schmauch, Steven W., David A. Lipton, Richard L. Rains, and Richard A. Winters, 1983f, Summary Report – Mineral Investigation of the White Mountains RARE II Area (No. A5058), Inyo and Mono Counties, California, and Esmeralda and Mineral Counties, Nevada, U.S. Bureau of Mines Open File Report MLA 94-83: p. 6 and Table 4, No. 53, Pp.40 (Pacific Mine).

Schmauch, Steven W., David A. Lipton, Richard L. Rains, and Richard A. Winters, 1983g, Summary Report – Mineral Investigation of the White Mountains RARE II Area (No. A5058), Inyo and Mono Counties, California, and Esmeralda and Mineral Counties, Nevada, U.S. Bureau of Mines Open File Report MLA 94-83: Table 4, No. 101, P. 50 (Saratoga, Lexington and Ranger Mine).

Schmauch, Steven W., David A. Lipton, Richard L. Rains, and Richard A. Winters, 1983h, Summary Report – Mineral Investigation of the White Mountains RARE II Area (No. A5058), Inyo and Mono Counties, California, and Esmeralda and Mineral Counties, Nevada, U.S. Bureau of Mines Open File Report MLA 94-83: p. 6. Table 4, No. 101, P. 50 (Colton Mine).

Schmauch, Steven W., David A. Lipton, Richard L. Rains, and Richard A. Winters, 1983i, Summary Report – Mineral Investigation of the White Mountains RARE II Area (No. A5058), Inyo and Mono Counties, California, and Esmeralda and Mineral Counties, Nevada, U.S. Bureau of Mines Open File Report MLA 94-83: p. 6. And Table 4, No. 85, p.47 (Moulton Mine Group).

Schmauch, Steven W., David A. Lipton, Richard L. Rains, and Richard A. Winters, 1983j, Summary Report – Mineral Investigation of the White Mountains RARE II Area (No. A5058), Inyo and Mono Counties, California, and Esmeralda and Mineral Counties, Nevada, U.S. Bureau of Mines Open File Report MLA 94-83: p. 6. And Table 4, Table 4, No. 84, p.46 (Piute Mine – Comstock Pumice).

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Tucker, W. Burling and Reid J. Sampson, 1940a, Mineral Resources of Mono County, California Journal of Mines and Geology, v.36. 24, 25 (Poleta Mine).

Tucker, W. Burling and Reid J. Sampson, 1940b, Mineral Resources of Mono County, California Journal of Mines and Geology, v.36. p. 139-140.

Tucker, W. Burling and Reid J. Sampson, 1940b, Mineral Resources of Mono County, California Journal of Mines and Geology, v.36. p.132 (Sacramento Mine).

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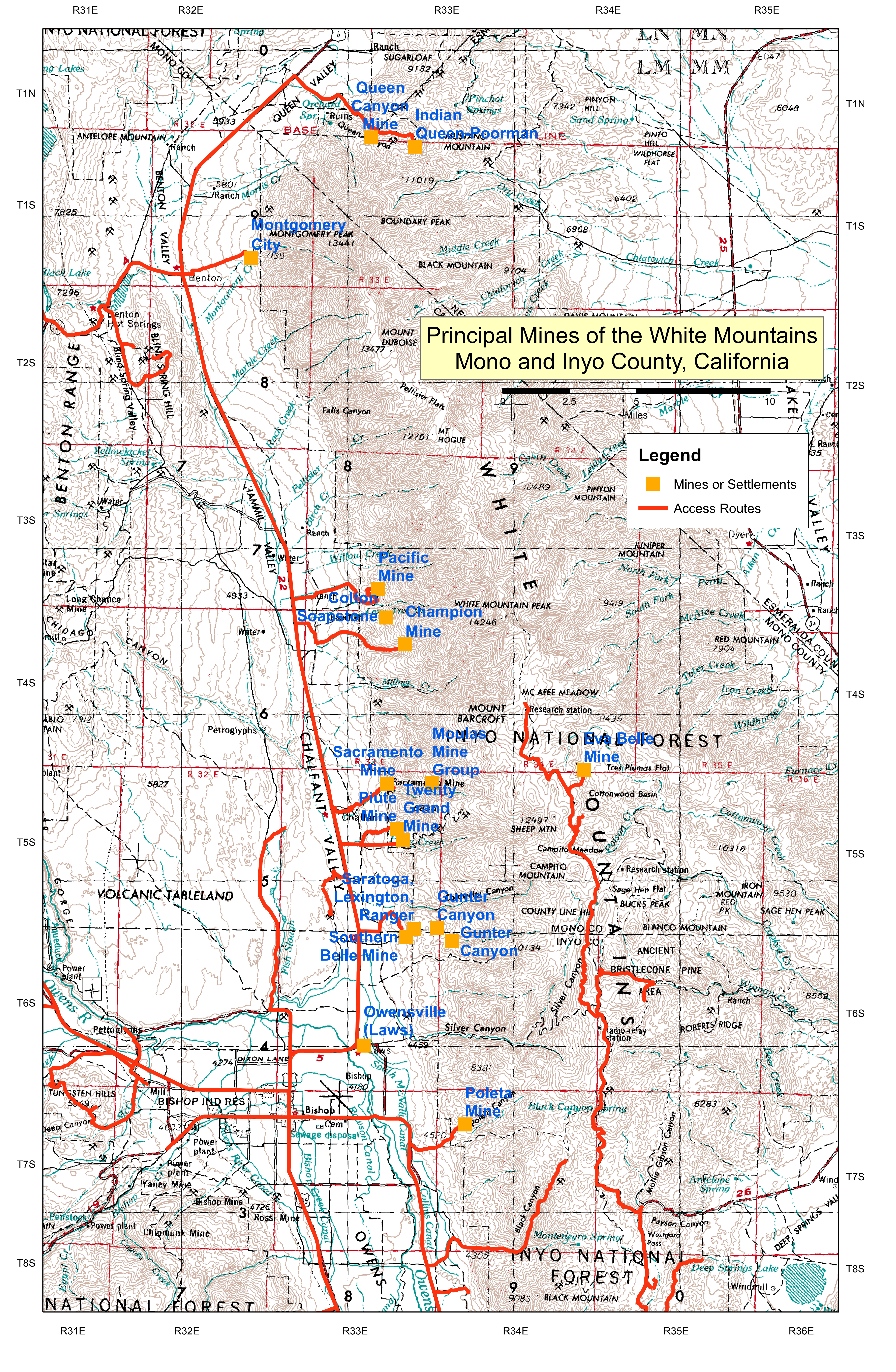
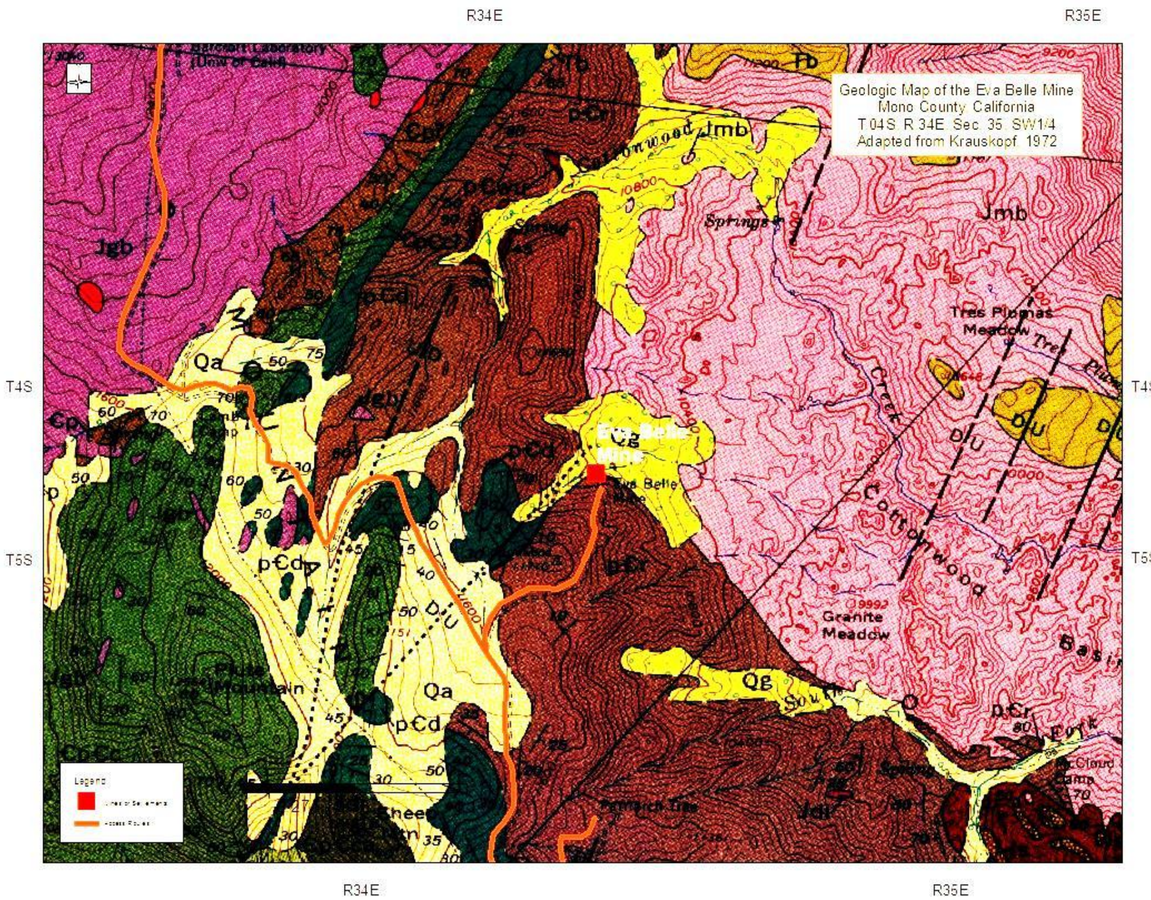
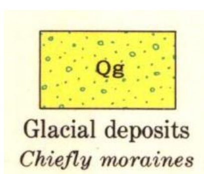
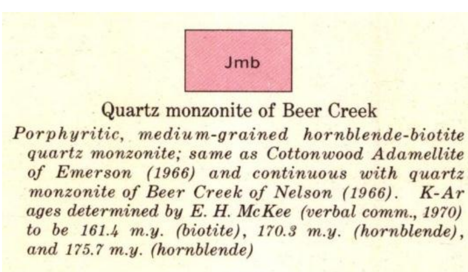


Principal Mines of the White Mountains
Mono and Inyo County, California
Legend
Mines or Settlements
Access Routes
Miles
Queen Canyon Mine
Indian Queen Poorman
Montgomery City
Pacific Mine
Colton Soapstone
Champion Mine
Sacramento Mine
Moulas Mine Group
Eva Belle Mine
Piute Mine
Twenty Grand Mine
Saratoga, Lexington, Ranger
Gunter Canyon
Southern Belle Mine
Owensville (Laws)
Poleta Mine
WHITE MOUNTAINS
INYO NATIONAL FOREST
R31E
R32E
R33E
R34E
R35E
R36E
T1N
T1S
T2S
T3S
T4S
T5S
T6S
T7S
T8S

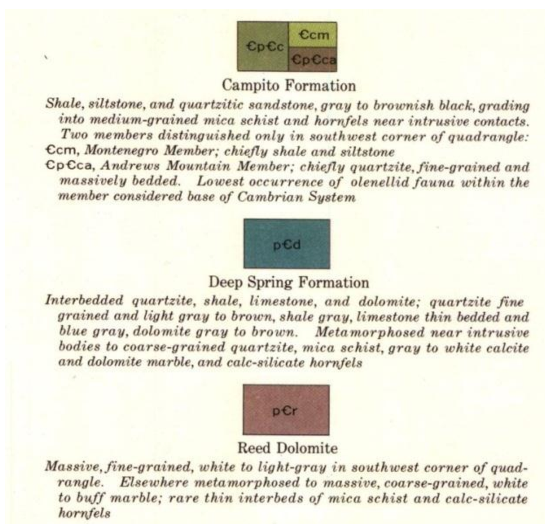



Qg

Glacial deposits
Chiefly moraines


Jmb

Quartz monzonite of Beer Creek
Porphyritic, medium-grained hornblende-biotite quartz monzonite; same as Cottonwood Adamellite of Emerson (1966) and continuous with quartz monzonite of Beer Creek of Nelson (1966). K-Ar ages determined by E. H. McKee (verbal comm., 1970) to be 161.4 m.y. (biotite), 170.3 m.y. (hornblende), and 175.7 m.y. (hornblende)


ЄpЄc Єcm ЄpЄca

Campito Formation
Shale, siltstone, and quartzitic sandstone, gray to brownish black, grading into medium-grained mica schist and hornfels near intrusive contacts. Two members distinguished only in southwest corner of quadrangle:
Єcm, Montenegro Member; chiefly shale and siltstone
ЄpЄca, Andrews Mountain Member; chiefly quartzite, fine-grained and massively bedded. Lowest occurrence of olenellid fauna within the member considered base of Cambrian System

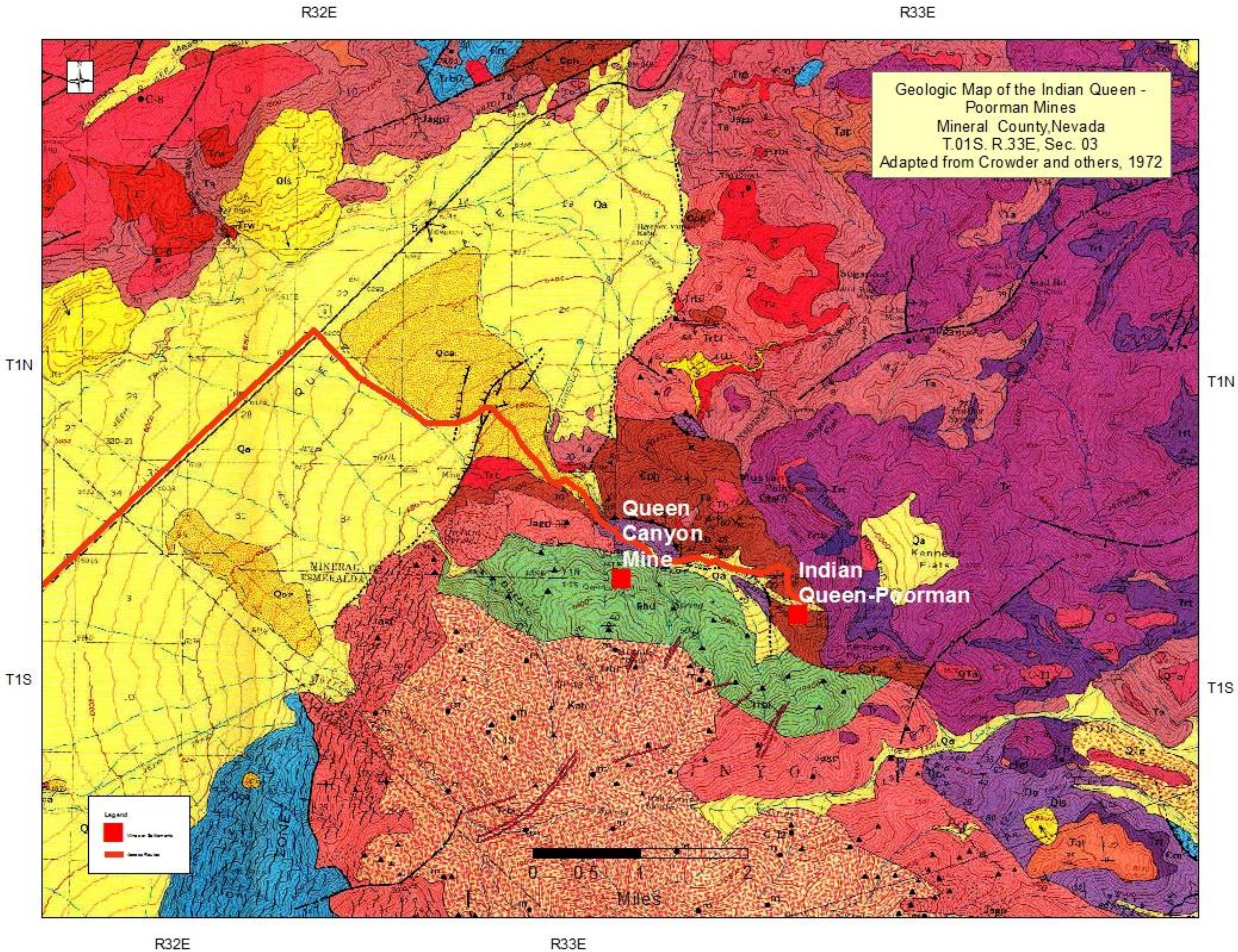
pЄd

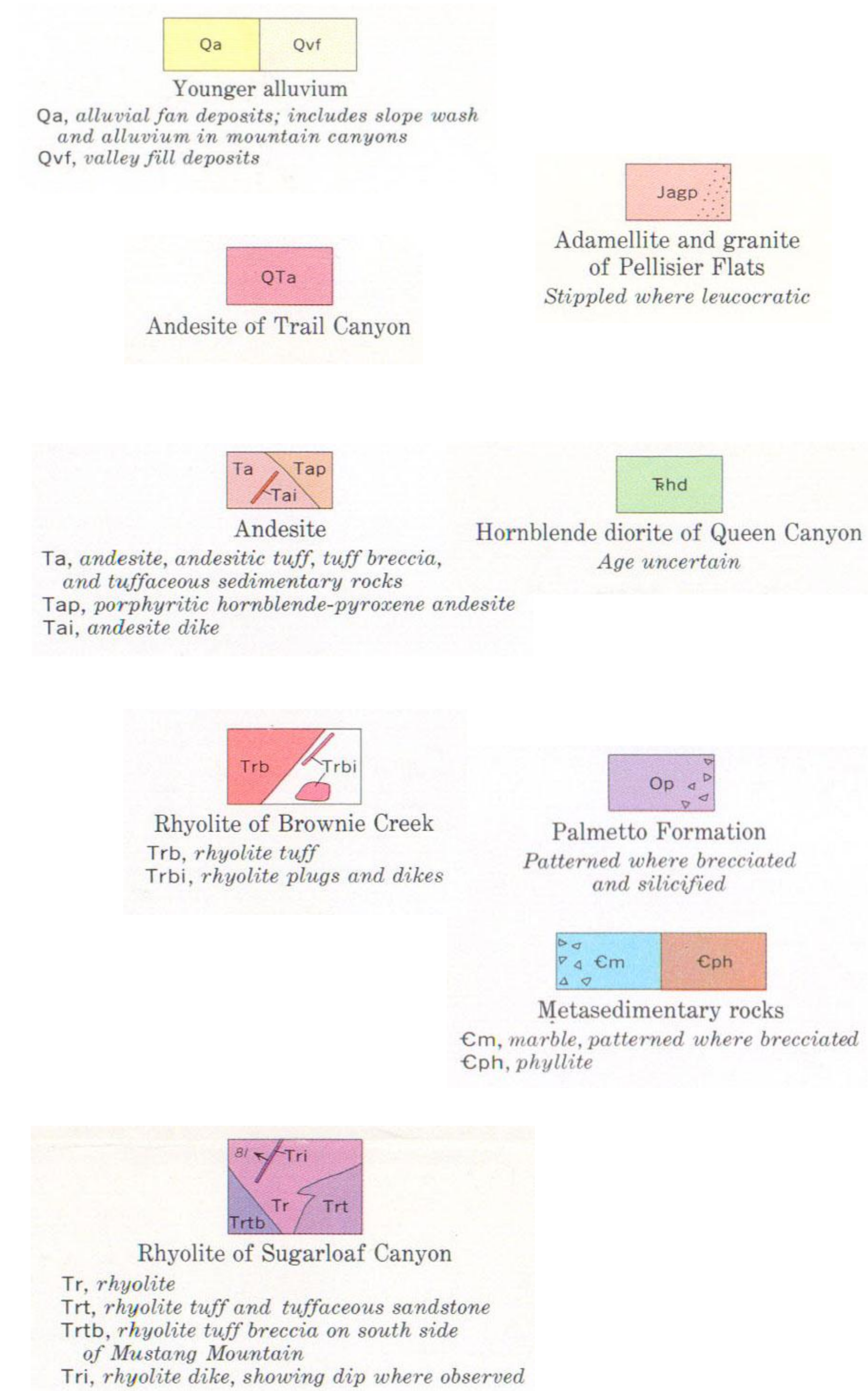
Deep Spring Formation
Interbedded quartzite, shale, limestone, and dolomite; quartzite fine grained and light gray to brown, shale gray, limestone thin bedded and blue gray, dolomite gray to brown. Metamorphosed near intrusive bodies to coarse-grained quartzite, mica schist, gray to white calcite and dolomite marble, and calc-silicate hornfels

pЄr

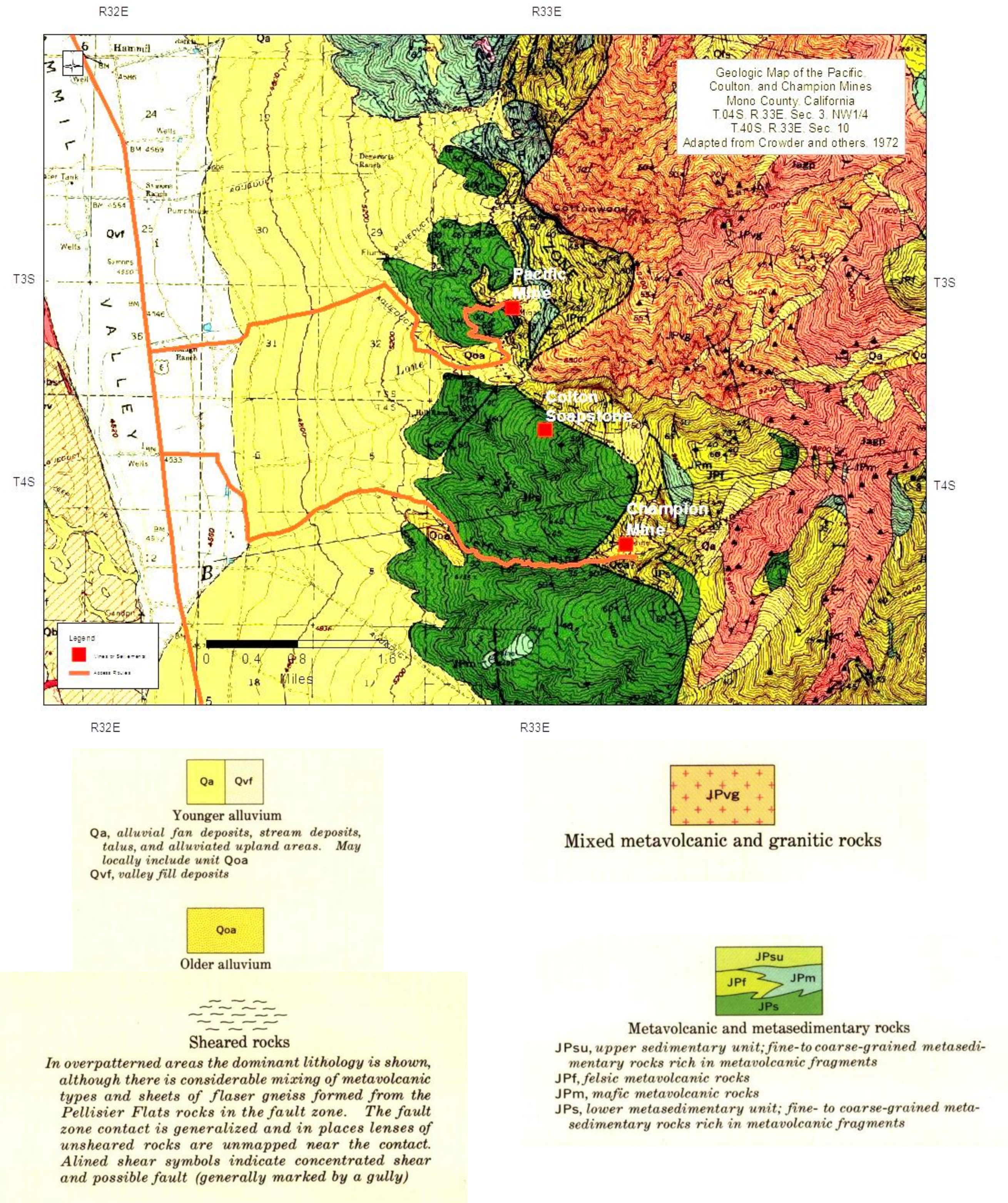
Reed Dolomite
Massive, fine-grained, white to light-gray in southwest corner of quadrangle. Elsewhere metamorphosed to massive, coarse-grained, white to buff marble; rare thin interbeds of mica schist and calc-silicate hornfels

Geology of the area near the Eva Belle Mine. Adapted from Krauskopf, 1971, Geologic map of the area of the Queen Canyon and Indian Queen-Poorman mines. Adapted from Crowder and others (1972).

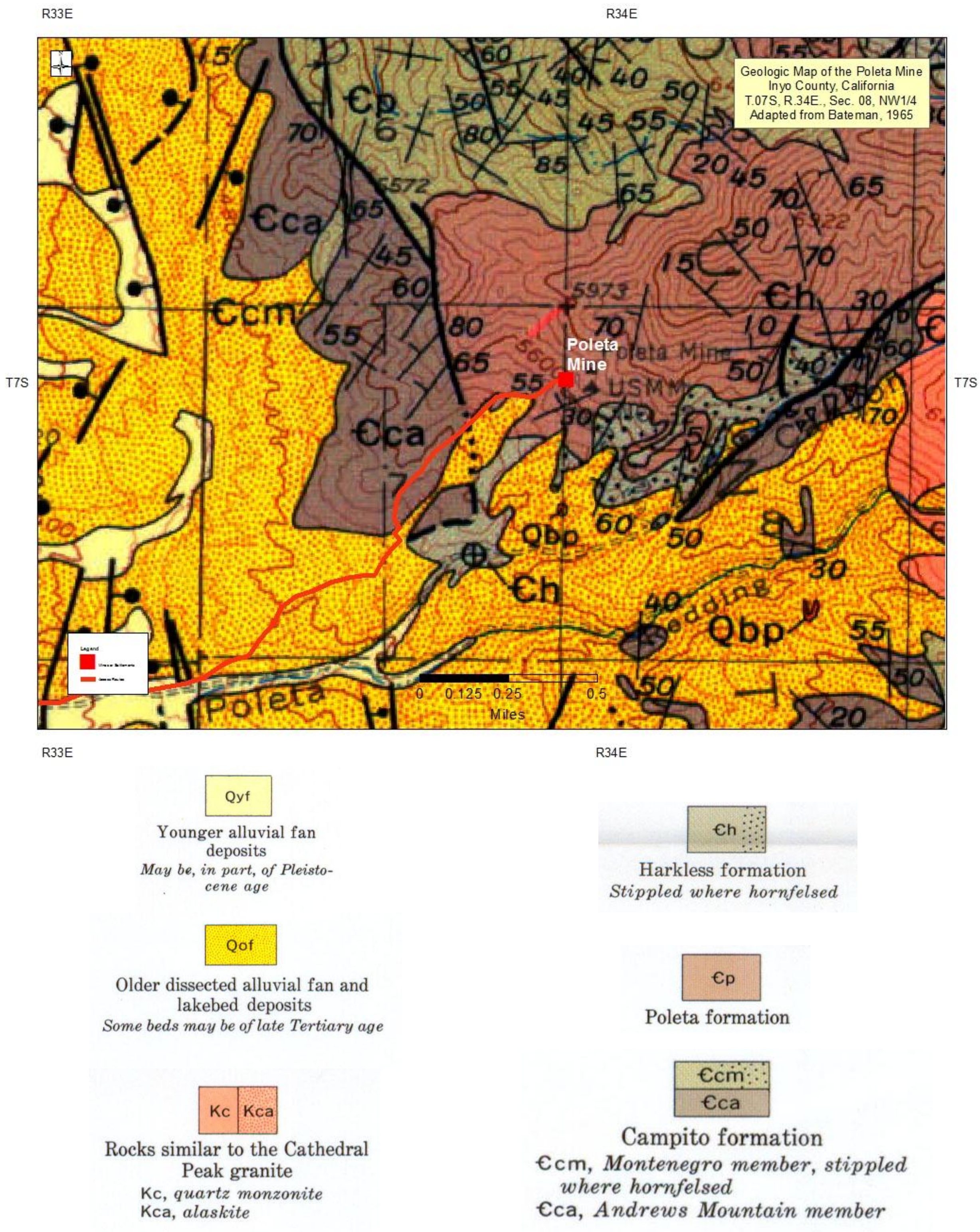




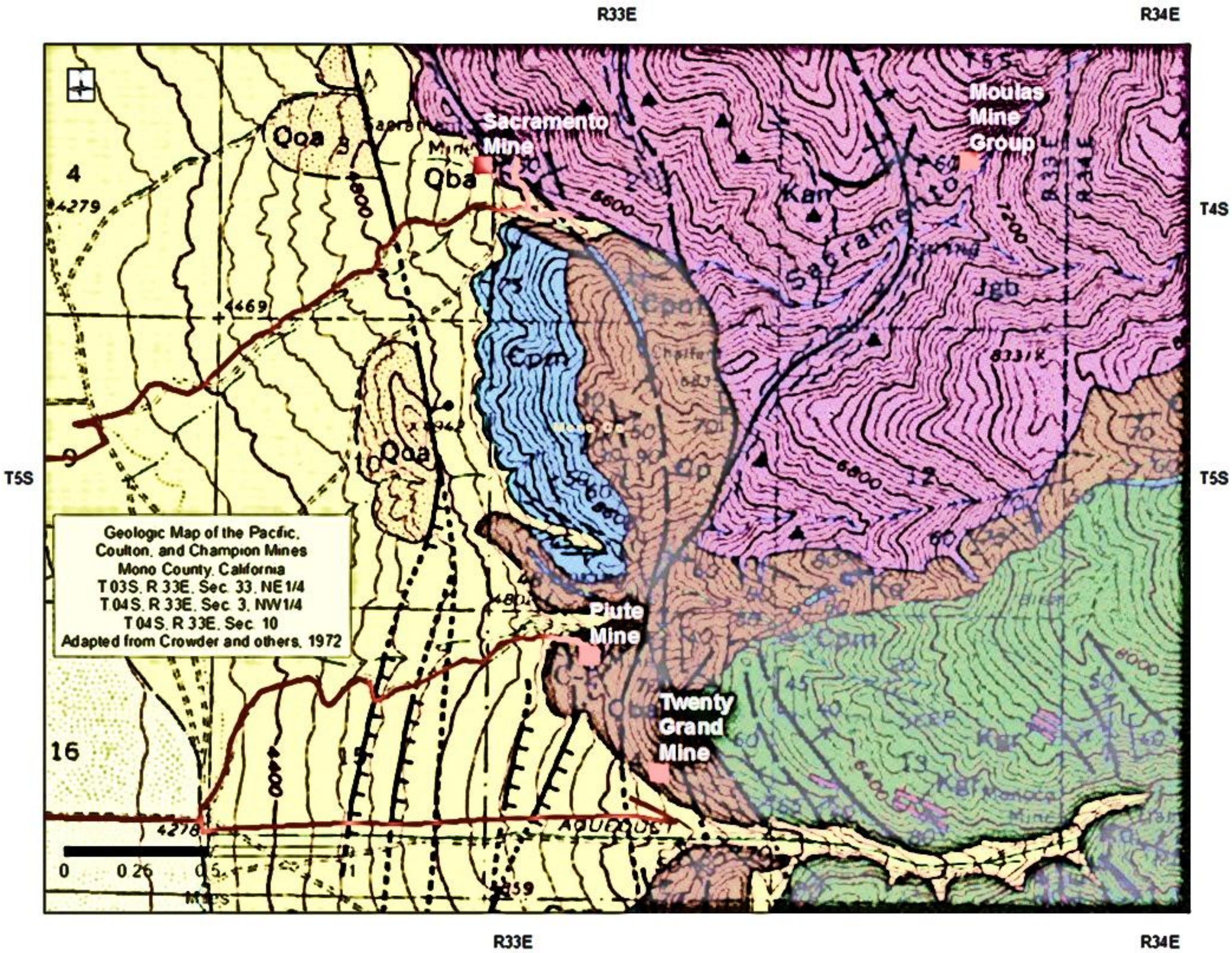
Geologic map of the area near the Pacific, Colton, and Champion Mines. Adapted from Chowder and Sheridan, 1972

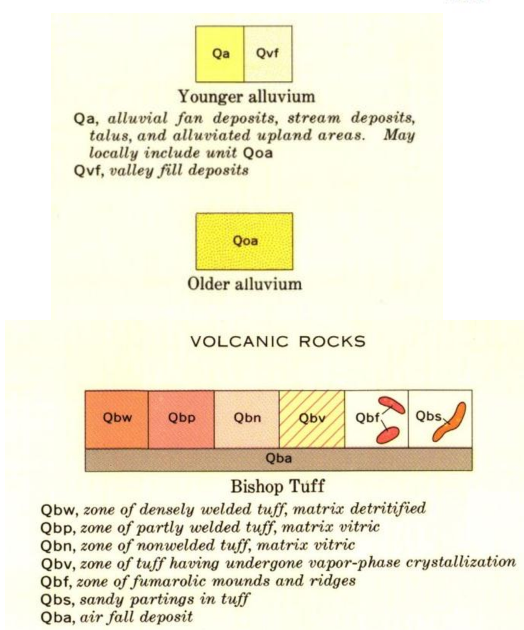


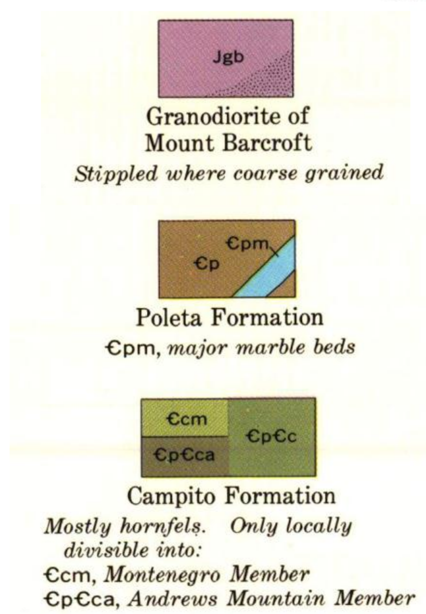
Geologic map of the area near the Poleta Mine. Adapted from Bateman, 1965,



Geologic map of the area near the Sacramento, Moulas, Piute and Twenty Grand Mines. Adapted from Bateman, 1965, Plate 3.

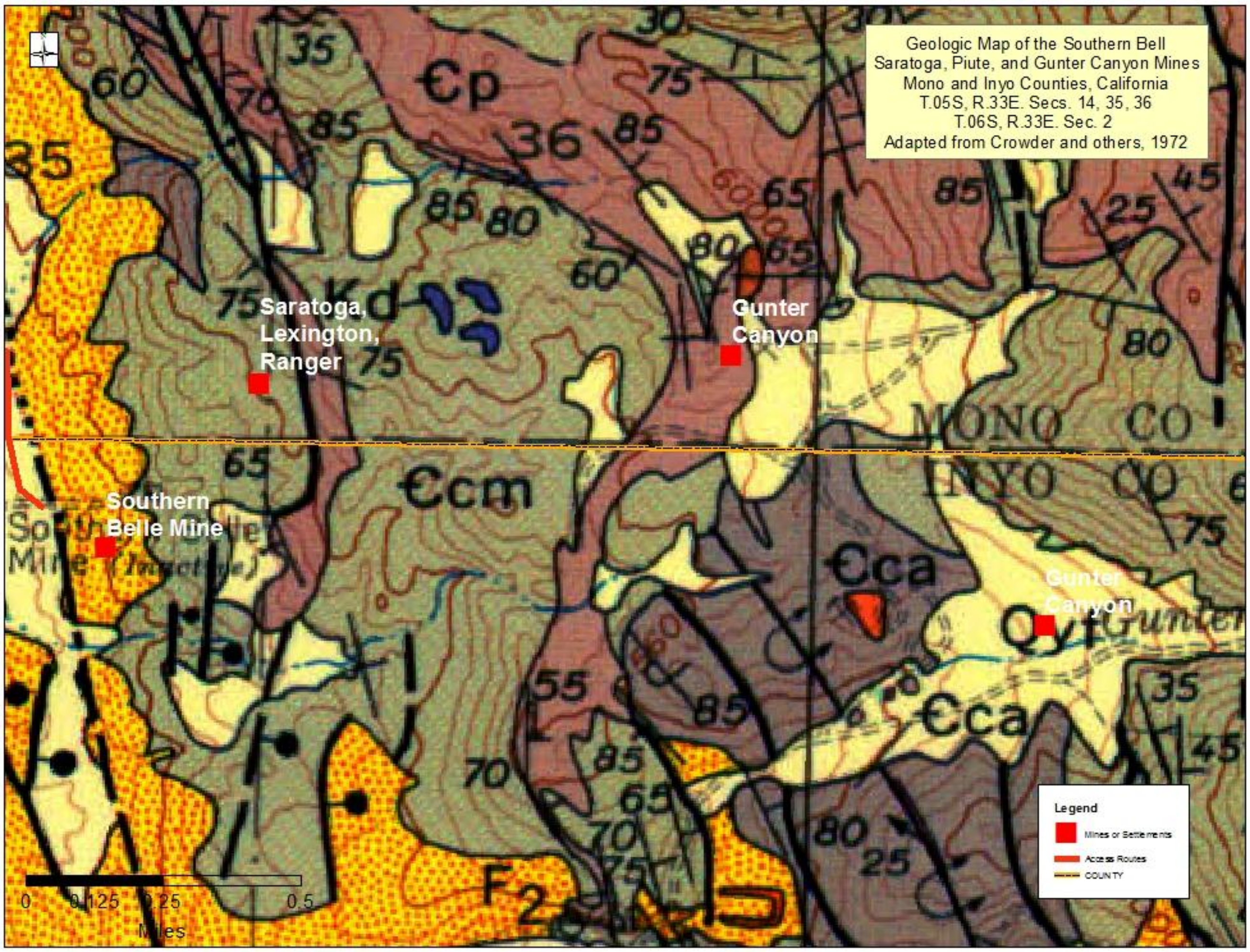






Geologic map of the area near the Southern Belle, Saritoga-Lexington-Ranger, and Gunter Canyon Mines
From Bateman, 1965, Plate 3.

R33E R34E



T6S T6S

R33E R34E

Qyf

Younger alluvial fan deposits
May be, in part, of Pleistocene age

Qof

Older dissected alluvial fan and lakebed deposits
Some beds may be of late Tertiary age

Ꞓp

Poleta formation

Ꞓcm

Ꞓca

Campito formation
Ꞓcm, *Montenegro member, stippled where hornfelsed*
Ꞓca, *Andrews Mountain member*

TABLE 1: MINES AND PROSPECTS OF THE WHITE MOUNTAINS, MONO AND INYO COUNTIES, CALIFORNIA AND MINERAL COUNTY, NEVADA

MINE NAME	MRDS ID	COUNTY	MAJOR COMMODITY	PRIMARY ORE MINERAL	OTHER NAMES	REFEREENCES	TOWNSHIP- SECTION- RANGE- MERIDIAN	Latitude	Longitude
Albert Mine	M232002	Esmeralda				CROWDER, D.F., ROBINSON, P.F., HARRIS, D.L., 1972, GEOLOGIC MAP OF THE BENTON QUADRANGLE: USGS MAP GQ-1013		37.89743000030	-118.33483000000
Albert Mine	M242405	Esmeralda	Lead, Silver, Gold			{Deposit:: ALBERS, J.P., AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NEVAD: N.B.M.G. BULL 78.}{Deposit:: MILS, 1979, USBM}{Deposit:: TINGLEY, J.V., 1982, FIELD EXAMINATION}		37.89771000000	-118.33483000000
Albert Mine		Esmeralda	Silver			{Deposit:: THIS PROPERTY IS ONE O SEVERAL IN THE INDIAN QUEEN PROJECT.}{Deposit:: NEV BUR MINES BULL 78, 1982, PT2.}		37.89742999960	-118.33484000000
Alexander	C010649	Mono	Copper, Lead, Silver	Gold	Green Monster	{Deposit:: GOODWIN, J. G., 1957 , LEAD AND ZINC IN CALIFORNIA: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 57 , NOS. 3 AND 4 , P. 554}{Production:: GOODWIN (1957)}	2S 34E Sec. 28 MDM	37.74966000040	-118.23150000000
Allen		Esmeralda	Gold					37.84493999990	-118.25154000000
Antimony Occurrence		Esmeralda	Antimony			NEV BUR OF MINES BULL 78, 1972, PL.2		37.89963000030	-118.23284000000
Apex-Fawn		Mineral	Gold					37.90273000030	-118.35923999900
Argentite Maid	M010618	Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 37, P. 36.}	2S 33E Sec. 32 MDM	37.72934000040	-118.36264000000
Argentite Maid		Esmeralda	Gold					37.77214000020	-118.21094000000
Astro No. 1		Mono	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 146, PLATE 2A.}	5S 36E Sec. 24 MDM	37.50683999970	-117.97873000100
B & B	M055003	Esmeralda	Mercury		Kollsman Mine; Chrysler	{Deposit:: 8. ALBERS, J. P., AND J. H. STEWART. GEOLOGY AND}{Deposit:: MINERAL DEPOSITS}{Deposit:: OF ESMERALDA COUNTY, NEVADA. NV BUREAU OF MINES AND GEOL. BULL.}{Deposit:: 78, 1972, 80 PP.}{Deposit:: 29. BAILEY, E. H., AND D. A. PHOENIX. QUICKSILV		37.88803000030	-118.25204000000
B and B Mine	M055003	Esmeralda	Mercury	Cinnabar	Chrysler	{Deposit:: BAILEY, E. H., U. S. GEOLOGICAL SURVEY, PERSONAL FILES.}{Deposit:: BAILEY AND PHOENIX, 1944, QUICKSILVER DEPOSITS IN NEVADA: NBMG BULL. 41}{Deposit:: ALBERS AND STEWART, 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NEVADA: NBMG BULL		37.88853999990	-118.25177000000
B. & B. Mine	M242125	Esmeralda	Mercury	Cinnabar	Chrysler; Big Bob Claims	{Deposit:: ALBERS, J.P., AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA CO., NV; NBMG BULL 78}{Deposit:: BAILEY, E.H., AND PHOENIX, D.A., 1944, QUICKSILVER DEPOSITS IN NEVADA; NEV. UNIV. BULL V. 38, NO. 5; GEOL. & MIN. SER. VOL. 41.}{		37.88965000000	-118.25233000000
Barite Queen Prospect		Inyo	Barium-Barite		Barite Queen; Black Canyon Rare Ii Area	{Deposit:: RAINS, R.L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 5, P. 13.}	7S 34E Sec. 06 MDM	37.36713999970	-118.27784000000
Benton Pit		Mono	Talc-Soapstone			{Deposit:: CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 58, 1981,}{Deposit:: P. 18.}	4S 33E Sec. 16 MDM	37.60103999960	-118.33904000000
Beth Lode Claims		Esmeralda	Gold			{Deposit:: BETH NOS. 1-132 EXTEND THROUGH SECS 10,11,12,13,14,15,22,27,}{Deposit:: 28, COVERING MANY OLDER PITS AND TRENCHES.}		37.92412999990	-118.28874000000
Big Pine Community Pit		Inyo	Sand and Gravel, Construction			CALIF. DIV. MINES AND GEOL. ACTIVE MINES DATABASE (1990).	9S 34E Sec. 03 MDM	37.19184999960	-118.24283000000
Birch Creek Area Prospects		Mono	Silver		Birch Creek Area Prospect; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 47, P. 39.}	3S 33E Sec. 08 MDM	37.69743999960	-118.35624000000
Birch Creek Rare Ii Area		Inyo	Silver		Tig No. 91		7S 35E Sec. 20 MDM	37.32634999970	-118.15093000000
Birch Creek Rare Ii Area		Inyo	Silver		Hole In the Wall Mine; Wilkerson; Lost Hope Mine	{Deposit:: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 90-83, 1983, TABLE 2,}{Deposit:: NO. 4, P. 12.}	6S 35E Sec. 14 MDM	37.42384000000	-118.10623000000
Bishop North Pit		Inyo	Sand and Gravel, Construction			{Deposit:: CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 58, 1981,}{Deposit:: P. 39.}	6S 33E Sec. 05 MDM	37.45684000000	-118.36904000000
Black Beauty		Inyo	Gold		Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: NO. 39, P. 18.}	8S 34E Sec. 11 MDM	37.27465000040	-118.21152999900
Black Canyon	W023764	Inyo	Lead, Silver	Galena, Smithsonite, Sphalerite	Hope Group; Mineral Point; Sanger	{Deposit:: GOODWIN, J. C., 1957 , LEAD AND ZINC IN CALIFORNIA; CALIF. JOUR. MINES AND GEOLOGY, VOL. 53 , NO. 3 & 4 ; DIV. OF MINES, P. 456 .}{Deposit:: TUCKER, W. B., 1926 , LOS ANGELES FIELD DIVISION, REPT. 22 OF STATE MINERALOGIST; CALIF. MIN. BUR.,	7S 34E Sec. 13 MDM	37.33301000020	-118.20426000000
Black Canyon	W017711	Inyo	Silver				7S 34E Sec. 13 MDM	37.33328000000	-118.20093000000
Black Canyon	W023764	Inyo	Lead		Mineral Point; Sanger; Carol J; Flora; Eagle and Westward Eagle; Hope Group; Black Canyon Rare Ii Area	{Deposit:: TUCKER, W. B., 1926, INYO COUNTY, TWENTY-SECOND REPORT OF}{Deposit:: THE STATE MINERALOGIST, V. 22 NO. 4, PP. 489-490.}{Deposit:: TUCKER, W. B., AND SAMPSON, R. J., 1938, MINERAL RESOURCES}{Deposit:: OF THE INYO COUNTY: THIRTY-FOURTH REPORT OF	7S 34E Sec. 13 MDM	37.33324999970	-118.20423000100
Black Warrior Mine Area		Mono	Silver		Black Warrior; Blonde Eskimo; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 29, P. 34.}	1S 32E Sec. 23 MDM	37.85273000030	-118.41815000000
Blizzard Extension	C010665	Mono	Gold	Gold		KNOPF, A., 1918 , INYO RANGE AND THE EASTERN SLOPE OF THE SOUTHERN SIERRA NEVADA, CALIF.: US GEOLOGICAL SURVEY PROFESSIONAL PAPER 110 , P. 119	5S 35E Sec. 32 MDM	37.47188000040	-118.16232000000
Blizzard Extension Prospect	C010665	Mono	Gold		Blizzard Extension	U.S. GEOLOGICAL SURVEY PROF. PAPER 110, 1918, P. 119.	5S 35E Sec. 32 MDM	37.47183999990	-118.16233000000
Blue Bird Prospect		Inyo	Silver		Blue Bird; Birch Creek Rare Ii Area	{Deposit:: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 90-83, 1983, TABLE 2,}{Deposit:: NO. 1, P. 12.}	4S 35E Sec. 15 MDM	37.60274000010	-118.10923000100
Blue Compressor Mine		Inyo	Gold		Unknown 2,6,36; White Mountains Rare Ii Area; Cottonwood Claim Group; Gold Prospect	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 130, P. 55.}	6S 36E Sec. 02 MDM	37.45133999990	-118.00153000000
Blue Dipper Group	M024325	Mariposa	Tungsten	Pyrrhotite, Scheelite		BOWEN, O. E. AND CLIFFTON, G. H., 1957, MINES AND MINERAL DEPOSITS, MARIPOSA COUNTY; CA. JOUR. MINES AND GEOLOGY, VOL. 53, NO. 1&2, DIV. OF MINES, P. 196 - 197, 330	7S 34E Sec. 09 MDM	37.34800000030	-118.24565000000
Blue Type No. 1		Mineral	Silver		Blue Type No 1			37.89883000020	-118.34674000000
Bobby D. Lode		Mono	Lead		Bobby D Lode; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, PLATE 1,}{Deposit:: NO. 56, P. 10; TABLE 4, NO. 56, P. 41.}	4S 35E Sec. 08 MDM	37.62244000000	-118.14513000000
Bristlecone		Mono	Copper		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 26, P. 34.}	1S 32E Sec. 13 MDM	37.86133000030	-118.40344000000
Brown Mule Prospect		Inyo	Gold		Black Canyon Rare Ii Area; Brown Mule	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT 85-83,}{Deposit:: NO. 21, P. 16.}	7S 34E Sec. 14 MDM	37.33934999960	-118.20512999900
Brown Rock No. 1		Mono	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 2, PLATE 2A.}	5S 37E Sec. 31 MDM	37.47803999960	-117.95173000000
Buck Mine		Mono	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 1, PLATE 2A.}	5S 37E Sec. 30 MDM	37.48633999990	-117.95783000000
Buckley Nos 1-6		Mineral	Gold					37.90682999980	-118.37234000000
Buckskin Mine	M242133	Esmeralda	Mercury	Cinnabar		{Deposit:: ALBERS, J.P., AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA CO., NEV: NBMG. BULL. 78}{Deposit:: TINGLEY, J.V., 1982, FIELD EXAMINATION OF 14 AUGUST 1982}		37.93465000010	-118.29011000000
Buckskin Mine		Esmeralda	Mercury			{Deposit:: NEV BUR OF MINES BULL 78, 1972, P. 67, PT. 2}{Deposit:: U.S. BUR OF MINES INFORM CIRC 8252, 1965, P. 294}		37.93573000000	-118.29014000000
Buckskin Prospect	M055367	Esmeralda	Mercury	Cinnabar	Buckskin Mine	{Deposit:: CROWDER, ET AL, 1973, GEOLOGIC MAP OF THE BENTON QUADRANGLE, MONO COUNTY, CALIFORNIA AND ESMERALDA AND MINERAL COUNTIES, NEVADA: USGS MAP GQ - 1013.}{Deposit:: ALBERS AND STEWART, 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NEVADA:		37.93604000040	-118.29038000000
Bull Domingo	M020619	Inyo	Lead, Silver	Galena	Domingo Mineral Co.	{Deposit:: GOODWIN, J. C., 1957 , LEAD AND ZINC IN CALIFORNIA; CALIF. JOUR. MINES AND GEOLOGY, VOL. 53 , NO. 3 & 4 ; DIV. OF MINES, P. 429}{Deposit:: TUCKER, W. B. AND SAMPSON, R. J., 1938 , MINERAL RESOURCES OF INYO COUNTY; CALIF. JOUR. MINES AND GEOLOG	6S 35E Sec. 15 MDM	37.43244000010	-118.11982000000
Bullion		Inyo	Gold		White Mountains Rare Ii Area		6S 33E Sec. 01 MDM	37.46134000020	-118.31264000000
Buster Prospect		Inyo	Gold		Buster; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L. AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 22, P. 16.}	7S 34E Sec. 14 MDM	37.33745000030	-118.20813000000
Campito Mountain Prospect		Mono	Copper		White Mountains Rare Ii Area	{Deposit:: U.S BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 94, P. 48.}	5S 34E Sec. 23 MDM	37.49273999990	-118.20453000000
Canyon Claims		Esmeralda	Gold			USBM, WFOC, MINERAL PROPERTY FILE 0320090374		37.86553000000	-118.25904000100
Canyon Nos 1-12		Esmeralda	Mercury					37.85413000000	-118.26234000000
Carol J. Mine		Inyo	Gold		Mineral Point; Hope; Black Canyon; Sanger; Black Canyon Rare Ii Area; Carol J Mine	{Deposit:: TUCKER, W. B., 1926, INYO COUNTY, TWENTY-SECOND REPORT OF}{Deposit:: THE STATE MINERALOGIST, V. 22, NO. 4, P. 489-490.}{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INY	7S 34E Sec. 14 MDM	37.33495000040	-118.20533000000
Casey Mine	M024070	Inyo	Gold	Gold	Southern Belle ?	CRAWFORD, J.J., 1896, GOLD-INYO COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 13, P. 18	6S 33E Sec. 02 MDM	37.46160999990	-118.31705000000
Chalcedony Prospect		Inyo	Gold		Chalcedony; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L. AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 23, P. 16.}	7S 34E Sec. 14 MDM	37.33605000030	-118.21123000000
Chalfant Valley Claim		Mono	Gypsum-Anhydrite		White Mountains Rare Ii Area	{Deposit:: U.S BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 82, P. 46.}	5S 33E Sec. 11 MDM	37.53383999980	-118.32484000100
Champion Mine	M010622	Mono	Titanium		Diaspore; Vulcanus; Black Eagle; Jeffrey Mine; Champion Sillimanite; Vulcanite	{Deposit:: THE MINERALOGICAL RECORD, DECEMBER 1977, P. 478.}{Deposit:: CALIF. STATE MINING BUR. REPORT, V. 20, 1924, P. 149.{}{Deposit:: ECONOMIC GEOLOGY, V. 27, NO. 7, NOV. 1932.}{Deposit:: CALIF. DIV. MINES REPORT, V. 27, 1931, P. 453-455.}{Deposit:: C	4S 33E Sec. 10 MDM	37.61884000000	-118.32094000000
Champion Or White Mountain Mine	W007466	Mono	Kyanite	Andalusite		{Deposit:: KERR, P. F., 1932, THE OCCURRENCE OF ANDALUSITE AND RELATED MINERALS AT WHITE MOUNTAIN, CALIF.; ECON. GEOLOGY, V. 27, P. 614 - 643}{Deposit:: LEMMON, D. M., 1937, GEOLOGY OF THE ANDALUSITE DEPOSIT IN THE NORTHERN INYO RANGE, CALIF.: STANFORD U	4S 33E Sec. 11 MDM	37.61660999990	-118.30094000000
Champion Sillimanite, Inc. Jeffrey Min	M010624	Mono	Kyanite	Andalusite		{Deposit:: USBM R.I. 5183, FEB. 1956, P. 15}{Deposit:: CALIF. V. 36, NO. 2, P. 149-50 AND PL. 1}{Deposit:: REPT. 27, P. 453-64; CALIF. REPT. 23, OCT. 1927, P. 400-01; ADD. REF.: INDUSTRIAL WEST FOUNDATION, DIV. II-, SEC. D-NON-METALLIC MINERALS, P. 11; C	4S 33E Sec. 10 MDM	37.61605000020	-118.32094000000
Charlies Angels Nos. 3 and 4		Inyo	Lead		Birch Creek Rare Ii Area		6S 35E Sec. 23 MDM	37.41663999960	-118.09953000000
Churchill Iron Deposit		Mono	Iron			{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 60, P. 42.}	4S 33E Sec. 14 MDM	37.60183999970	-118.30954000000
Churchill Pumice Pit	M010647	Mono	Pumice			CALIF. SP. REPT. 47, PL.	5S 33E Sec. 36 MDM	37.47132999970	-118.30427000100
Cinna Belt Nos. 1 and 2		Esmeralda	Mercury		Cinna Belt Nos 1-2			37.86463000040	-118.26924000000
Claw Group	M010617	Mono	Uranium			{Deposit:: USGS MAP-MR-21, 1962, NO. 17, P. 6}{Deposit:: USGS MAP-I-299?}	2S 33E Sec. 15 MDM	37.77411000040	-118.32094000000
Claw Nos. 1-3		Mono	Uranium		Claw Nos 1-3; Giri-11; Gici-6; White Mountains Rare Ii Area	{Deposit:: ATLAS CORP 1965 REPORT.}{Deposit:: MINOBRAS, 1978, URANIUM DEPOSITTS OF ARIZONA-CALIFORNIA-}{Deposit:: NEVADA: P. 88.}{Deposit:: BENDIX 1978 RPT GJBX-3 BY CUPP AND MITCHELL.}{Deposit:: PIONEER URAVAN RPT BY WREDE, D.M., 1979 GRAND JUNCTION,	2S 33E Sec. 32 MDM	37.72803999980	-118.35924000000
Cliff		Inyo	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 19, PLATE 2A.}	6S 36E Sec. 13 MDM	37.42464999980	-117.97672999900
Climax		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 95, P. 48.}	5S 34E Sec. 20 MDM	37.49713999990	-118.27484000000
Collins		Inyo	Lead				7S 34E Sec. 15 MDM	37.34104000040	-118.23283000000
Colton Mine	W007465	Mono	Talc-Soapstone	Pyrophyllite		WRIGHT, L. A., 1957, PYROPHYLLITE, IN MINERAL COMMODITIES OF CALIFORNIA. CALIF. DIV. OF MINES BULL. 176, P. 455 - 45	4S 33E Sec. 03 MDM	37.63327000020	-118.33427000000
Comstock Deposit	M010636	Mono	Pumice			CALIF. B. 174, P. 61, 96 AND PL.	5S 33E Sec. 11 MDM	37.52965999980	-118.32261000000
Comstock Pumice Deposit		Mono	Pumice		Comstock Pumice Dep Piute Minee; White Mountains Rare Ii Area	{Deposit:: CALIF. DIV. MINES BULLETIN 174, 1956, P. 61.}{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 84, P. 46.}	5S 33E Sec. 14 MDM	37.51883999970	-118.32704000000
Container Mine	M055366	Esmeralda	Mercury	Cinnabar		{Deposit:: BAILEY, E. H., U. S. GEOLOGICAL SURVEY, PERSONAL FILES}{Deposit:: BAILEY AND PHOENIX, 1944, QUICKSILVER DEPOSITS IN NEVADA: NBMG BULL. 41}{Deposit:: ALBERS AND STEWART, 1972, GEOLOGY AND ORE DEPOSITS OF ESMERALDA COUNTY, NEVADA: NBMG BULL. 78}		37.86020999970	-118.25316000000
Container Mine	M242126	Esmeralda	Mercury	Cinnabar		{Deposit:: ALBERS, J.P. AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA CO., NEV; NBMG BULL. 78,}{Deposit:: BAILEY, E.H., AND PHOENIX, D.A., 1944, QUICKSILVER DEPOSITS IN NEVADA: UNIV. NEV. BULL. VOL. 38 NO. 5; GEOL & MIN. SER. NO. 41,		37.85770999970	-118.24955000000
Container Mine	M055366	Esmeralda	Mercury			{Deposit:: NEV BUR OF MINES BULL 78, 1972, P.66}{Deposit:: NEV BUR OF MINES BULL 41, 1944, P.70}{Deposit:: U.S. BUR OF MINES INFORM CIRC 8252, 1965, P.266}		37.85803000000	-118.24984000000
Copper Kings Nos. 1 and 2		Mono	Copper		White Mountains Rare Ii Area; Copper Kings Nos 1-2	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 64, P. 43.}	4S 33E Sec. 28 MDM	37.57804000000	-118.33924000000
Copper Queen	D001043	Inyo	Copper		Oasis		6S 37E Sec. 07 MDM	37.44074000040	-117.96653000000
Copper Queen Mine		Mono	Copper		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 62, P. 42.}	4S 33E Sec. 21 MDM	37.58883999980	-118.33784000000
Copper Queen Nos. 1-3		Mono	Copper		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 46, P. 39.}	3S 33E Sec. 05 MDM	37.71774000020	-118.36734000000
Crimson Crown	M055288	Esmeralda	Mercury			NEV BUR OF MINES BULL 78, 1972, P.67, PT 2		37.94963000040	-118.21284000000
Crimson Crown Prospect	M055288	Esmeralda		Cinnabar		{Deposit:: ALBERS AND STEWART, 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NEVADA: NBMG BULL. 78}{Deposit:: GEOLOGIC MAP OF THE DAVIS MOUNTAIN QUADRANGLE, ESMERALDA AND MINERAL COUNTIES, NEVADA AND MONO COUNTY, CALIFORNIA: USGS MAP GQ - 1078}		37.84965999960	-118.22011000000
Crooked Creek Placers	M010669	Mono	Gold			CALIF. V. 36, NO. 2, P. 122-3 AND PL.	5S 36E Sec. 31 MDM	37.46382999990	-118.07065000100
Crooked Creek Placers		Mono	Gold		Lava Cap Nos. 1 and 2; White Mountains Rare Ii Area; Jay Jay; Sage No. 1 and 2	{Deposit:: CALIF. JOUR. MINES AND GEOL., V. 36, 1940, P. 122.}{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 127, P. 54.}	5S 36E Sec. 31 MDM	37.47553999960	-118.07403000000
Crown K. Nos. 1-5 Prospect		Inyo	Lead		Crown K; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 38, P.}	8S 34E Sec. 10 MDM	37.27134999990	-118.23063000000
Curiosity Prospect		Inyo	Gold		Curiosity; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 11, P. 14.}	7S 34E Sec. 03 MDM	37.36604000000	-118.22313000000
Curtin		Mono	Lead			CALIF. DIV. MINES BULLETIN 144, 1948, P. 273.	5S 33E Sec. 15 MDM	37.51464000040	-118.34534000000
Dark Horse	X024230	Mono	Gold	Gold		CRAWFORD, J. J., 1894 , REPORT OF THE STATE MINERALOGIST: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 12 , P. 178	5S 33E Sec. 19 MDM	37.49632999990	-118.38872000000
Deep Spring Valley Area	D001916	Inyo	Bismuth			COOPER, J. R., 1962, BISMUTH OF U.S.: USGS MR - 2	7S 35E Sec. 01 MDM	37.36661999960	-118.08426000000
Deep Springs Valley		Inyo	Potassium, Salt, Sodium, Zeolites			{Deposit:: CALIF. JOUR. MINES AND GEOL., V. 47, 1951, P. 129.}{Deposit:: CALIF. DIV. MINES BULLETIN 175, 1958, P. 28.}	8S 36E Sec. 04 MDM	37.28215000000	-118.02873000000
Della B. Prospect		Inyo	Uranium		Black Canyon Rare Ii Area; Della B	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 42, P. 19.}	8S 35E Sec. 08 MDM	37.26774999980	-118.15673000000
Deposit	M010667	Mono	Uranium			CALIF. B. 176, FIG. 1, P. 67	5S 36E Sec. 15 MDM	37.51494000040	-118.01204000000
Double Eagle		Esmeralda	Silver					37.87913000010	-118.30204000000

MINE NAME	MRDS ID	COUNTY	MAJOR COMMODITY	PRIMARY ORE MINERAL	OTHER NAMES	REFEREENCES	TOWNSHIP- SECTION- RANGE- MERIDIAN	Latitude	Longitude
Double Lucky		Mineral	Silver		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 2, P. 30; PLATE 1.}		37.90413000000	-118.37014000000
Double Surprize		Mono	Gold		White Mountains Rare Ii Areea	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 121, P. 54.}	5S 36E Sec. 23 MDM	37.49933999990	-118.00313000000
Durante	C010645	Mono	Gold	Gold		CRAWFORD, J. J., 1894 , REPORT OF THE STATE MINERALOGIST: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 12 , P. 178	5S 33E Sec. 35 MDM	37.46521999970	-118.31761000000
Emergency	M022331	Inyo	Tungsten	Scheelite	Deep Springs Valley	{Deposit:: PARTRIDGE, J.F., JR., 1941; TUNGSTEN RESOURCES OF CALIFORNIA: 37TH REPT. STATE MIN.; CA. DIV. MINES, P. 310-311}{Production:: PARTRIDGE, J.F. JR., 1941}	7S 36E Sec. 09 MDM	37.35356000020	-118.03343000000
Emergency Group	M022331	Inyo	Tungsten		Emergency		7S 36E Sec. 04 MDM	37.37074999970	-118.03342999900
Eva Bell	M010652	Mono	Silver, Lead		Eva Belle	{Deposit:: GOODWIN, J.G., 1957 , LEAD AND ZINC IN CA.; CA. JOUR. MINES AND GEOLOGY, VOL. 53 , NOS. 3 & 4 ; DIV. OF MINES, P. 559 .}{Deposit:: B. 144, P.273}	4S 34E Sec. 35 MDM	37.55160999970	-118.19816000000
Eva Bell		Inyo	Lead				7S 34E Sec. 15 MDM	37.33914000000	-118.23313000000
Eva Belle		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: CALIF. DIV. MINES BULLETIN 144, 1948, P. 273.}{Deposit:: U.S. BUREAU OF MINES OPEN--FILE REPORT ;MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 72, P. 44.}	4S 34E Sec. 35 MDM	37.55184000040	-118.19764000000
Evergreen Mine	M010651	Mono	Silver					37.73855000000	-118.18594000000
Evergreen Mine		Mono	Silver		Queen of the Hills; Evergreen Mine C and C; C and C Claims; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 41, P. 38.}		37.74073999970	-118.20484000000
F & L Mine	M242127	Esmeralda	Mercury	Cinnabar		{Deposit:: ALBERS, J.P., AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NV; N.B.M.G. BULL. 78.}{Deposit:: BAILEY, E.H. AND PHOENIX, D.A., 1944, QUICK SILVER DEPOSITS IN NEVADA; NEV. UNIV. BULL, V. 38, NO. 5; GEOL & MIN. SER. V		37.89993000020	-118.24344000000
F and L Mine	M055365	Esmeralda	Mercury	Cinnabar		{Deposit:: BAILEY, E. H., U. S. GEOLOGICAL SURVEY, PERSONAL FILES.}{Deposit:: BAILEY AND PHOENIX, 1944, QUICKSILVER DEPOSITS IN NEVADA: NBMG BULL. 41}{Deposit:: ALBERS AND STEWART, 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NEVADA: NBMG BULL		37.89993000020	-118.24344000000
F and L Mine	O55365	Esmeralda	Mercury			{Deposit:: EARTH SCIENCES INC APPLIED FOR A POTASSIUM PROSPECTING}{Deposit:: PERMIT. COMMODITY WOULD BE ALUNITE.}{Deposit:: NEV BUR OF MINES BULL 78, 1972, P.66}{Deposit:: NEV BUR OF MINES BULL 41, 1944, P.71, PL.1}{Deposit:: U.S. BUR OF MINES INFORM CO		37.89992999960	-118.24374000000
Fay Prospect		Inyo	Gold		Fay; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 37, P. 18.}	8S 34E Sec. 03 MDM	37.28055000010	-118.23703000000
Fluoride Nos. 1-4		Mineral	Fluorine-Fluorite		Fluorspar Nos 1-4	PAPKE,K.G.,1979, NV BUR MINES & GEOL BULL 93, P33.		37.91323000030	-118.33654000000
Fluorite Prospect		Mineral	Fluorine-Fluorite			{Deposit:: PAPKE,K.G.,1979,FLUORSPAR IN NV: NV BUR MINES BULL 93, P 33.}{Deposit:: CROWDER, D.F., ROBINSON, P.F.,HARRIS,D.L.,1972, GEOL MAP OF}{Deposit:: THE BENTON QUAD, MONO CO., CA & ESMERALDA & MINERAL COS, NV:}{Deposit:: USGS GEOL QUAD MAP GQ-1013.}		37.91163000030	-118.34064000000
Fluorspar King & Blue Bell Group		Mineral			Sage Claims; Overholzer Mine; Summerville Mine; Summerfield Mine; Fluorspar Group	{Deposit:: USBM INFORM CIRC. 6941, 1937, P. 49}{Deposit:: NEV BUR OF MINES RPT. 14, 1966, P. 10-11}{Deposit:: NEV BUR OF MINES BULL 58, 1961, TB. 6.1, P 80, PT 1}{Deposit:: NEV BUR OF MINES RPT. 1, 1961, P. 15}{Deposit:: MINOBRAS: NEV IND MIN (1973) P 30		37.95303000000	-118.33484000000
Fluorspar No. 1		Mineral	Fluorine-Fluorite		Fluorspar No 1			37.94932999990	-118.33764000100
Fluorspar Prospect		Mineral	Fluorine-Fluorite					37.93992999990	-118.33314000000
Fluorspar Prospect		Mineral	Fluorine-Fluorite					37.94432999980	-118.33924000000
Fluorspar Prospect		Mineral	Fluorine-Fluorite					37.94133000010	-118.33704000000
Fringe Benefit No. 1		Inyo	Silver			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 18, PLATE 2A.}	6S 37E Sec. 18 MDM	37.42434999980	-117.96423000100
G. B. and S. Mining & Milling 1-6		Mono	Gold		Gb and S Mining and Milling; Surprise; White Mountains Rare Ii Area; Bond Street; Golden Knob; Hidden Valley	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 74, P. 44.}	4S 33E Sec. 35 MDM	37.55214000040	-118.30784000000
Gator No. 1 Prospect		Inyo	Silver		Birch Creek Rare Ii Area; Gator No. 1	{Deposit:: U. S. SBUREAU OF MINES OPEN-FILE REPORT MLA 90-83, 1983, TABLE 2,}{Deposit:: NO. 2, P. 12.}	6S 35E Sec. 14 MDM	37.43433999990	-118.10653000000
Gator No. 2		Inyo	Gold		Bull Domingo; Birch Creek Rare Ii Area		6S 35E Sec. 14 MDM	37.43184000010	-118.10873000000
Georgia Mine	M024151	Inyo	Gold	Chalcopyrite, Gold	Dido and Twilight Claims	{Deposit:: CRAWFORD, J.J., 1896, GOLD-INYO COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 13, P. 180}{Deposit:: CRAWFORD, J.J., 1894, THIRTEENTH REPORT OF THE STATE MINERALOGIST: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 12, P. 137}	7S 34E Sec. 09 MDM	37.35688000020	-118.24843000000
Georgia Mine	M024151	Inyo	Gold		Georgia; Dido and Twilight	{Deposit:: CRAWFORD, J. J., 1894, TWELFTH REPORT OF THE STATE}{Deposit:: MINERALOGIST, CALIFORNIA STATE MINING BUREAU, P. 137.}{Deposit:: CRAWFORD, J. J., 1896, THIRTEENTH REPORT OF THE STATE}{Deposit:: MINERALOGIST, CALIFORNIA STATE MINING BUREAU, P. 18	7S 34E Sec. 09 MDM	37.35683999970	-118.24843000000
Gold Bar Prospect		Inyo	Gold		Gold Bar; Birch Creek Rare Ii Area	{Deposit:: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 90-83, 1983, TABLE 2,}{Deposit:: NO. 5, P. 13.}	6S 35E Sec. 15 MDM	37.42053999970	-118.11983000000
Gold Crown Prospect		Inyo	Gold		Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 30, P. 17.}	8S 34E Sec. 10 MDM	37.26055000040	-118.23173000000
Gold Mine In the Sky		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 124, P. 54.}	5S 36E Sec. 18 MDM	37.51073999990	-118.07563000000
Gold Prospect		Esmeralda	Gold					37.84714000010	-118.23984000000
Gold Prospect		Esmeralda	Gold					37.91602999980	-118.31064000000
Gold Prospect		Esmeralda	Gold					37.85553000010	-118.25454000000
Gold Wedge Mine	M024154	Inyo	Gold	Gold	South Bend Mine?	{Deposit:: NORMAN, L.A., JR. AND STEWART, RICHARD M., 1951, MINES AND MINERAL RESOURCES OF INYO COUNTY: CALIF. JOURNAL OF MINES AND GEOLOGY, V. 47, NO. 1, P. 151}{Deposit:: TUCKER, W.B. AND SAMPSON, R.J., 1938, MINERAL RESOURCES OF INYO COUNTY: CALIF.	6S 35E Sec. 23 MDM	37.40605000030	-118.10815000000
Golden Horse Shoe Gp.	C010637	Mono	Gold	Gold		TUCKER, W. B., AND SAMPSON, R. J., 1940 , MINERAL RESOURCES OF MONO COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 36 , NO. 2 , P. 124 , PL. 1	5S 33E Sec. 14 MDM	37.51076999960	-118.32594000000
Golden Horse Shoe Group	C010637	Mono	Gold			CALIF. JOUR. MINES AND GEOL., V. 36, 1940, P. 124.	5S 33E Sec. 14 MDM	37.51493999990	-118.31904000000
Golden Nugget Prospect		Inyo	Gold		Golden Nugget; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 33, P. 18.}	7S 34E Sec. 35 MDM	37.29465000000	-118.21763000000
Golden Siren	C010663	Mono	Gold	Gold		KUOPF, A., 1918 , INYO RANGE AND THE EASTERN SLOPE OF THE SOUTHERN SIERRA NEVADA, CALIF.; US GEOLOGICAL SURVEY PROFESSIONAL PAPER 110 , P. 119	5S 35E Sec. 19 MDM	37.50188000010	-118.18454000000
Golden Siren		Mono	Gold		Gladys; Golden Siren Gladys; White Mountains Rare Ii Area	{Deposit:: U.S. GEOLOGICAL SURVEY PROF. PAPER 110, 1918, P. 119.}{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 93, P. 48.}	5S 35E Sec. 19 MDM	37.50183999980	-118.18453000000
Golden Skyline		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT 94-83, 1983, TABLE 4,}{Deposit:: NO. 123, P. 54.}	5S 36E Sec. 19 MDM	37.50413999980	-118.07013000000
Golden Star		Esmeralda	Gold					37.85182999970	-118.25284000000
Golden Star Prospect		Inyo	Gold		Black Canyon Rare Ii Area; Golden Star	{Deposit:: RAINS, R. L. AND OTHERS, 1983, MINERAL INVESTIGATIONS OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 18, P. 15.}	7S 34E Sec. 11 MDM	37.35354000010	-118.21593000000
Gold-Silver-Copper Occurrence		Mono	Silver				5S 34E Sec. 19 MDM	37.50573999960	-118.28844000000
Gough No. 5		Inyo	Silver			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 8, PLATE 2A.}	6S 36E Sec. 11 MDM	37.44053999980	-117.99153000000
Grandview Prospect		Inyo	Gold		Grandview; Black Canyon Rare Ii Area	{Deposit:: MACKEVEH, E. M., AND BRUBAKER, L. A., 1951, REPORT OF}{Deposit:: EXAMINATION OF THE GRANDVIEW MINE, INYO CO. CA, DEFENSE}{Deposit:: MINERALS ADMINISTRATION, 4 P.}{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:	7S 34E Sec. 23 MDM	37.32855000030	-118.20843000000
Gray Eagle Mine	X023755	Inyo	Gold		Black Canyon Rare Ii Area	{Deposit:: KNOPF, A., 1912, MINERAL RESOURCES OF THE INYO AND WHITE}{Deposit:: MOUNTAINS, CALIFORNIA: U.S. GEOLOGICAL SURVEY BULLETIN}{Deposit:: 540, P. 114.}{Deposit:: KNOPF. A., 1918, U. S. GEOLOGICAL SURVEY PROF. PAPER 110, P. 119.}{Deposit:: RAINS, R	7S 34E Sec. 09 MDM	37.34824000030	-118.24342999900
Gray Eagle No. 2 Prospect		Inyo	Silver		Gray Eagle No. 2; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 16, P. 15.}	7S 34E Sec. 09 MDM	37.34854000040	-118.24173000000
Gray Eagle No. 3 Prospect		Inyo	Silver		Gray Eagle No. 3; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L. AND OTHERS, 1984, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 17, P. 15.}	7S 34E Sec. 10 MDM	37.34773999990	-118.23703000000
Gray Eagle Prospect	X023755	Inyo	Gold	Chalcopyrite, Galena, Gold, Pyrite		{Deposit:: NORMAN, L.A. JR. AND STEWART, RICHARD M., 1951, MINES AND MINERAL RESOURCES OF INYO COUNTY: CALIF. JOURNAL OF MINES AND GEOLOGY, V. 47, NO. 1, P. 152}{Deposit:: KNOPF, ADOLPH, 1918, INYO RANGE AND THE EASTERN SLOPE OF THE SOUTHERN SIERRA NEV	7S 34E Sec. 09 MDM	37.34826999980	-118.24399000000
Green Monster	W024219	Mono	Lead, Silver, Gold, Copper			COPPER IN CALIF,1948,CALIF DIV MINES BULL 144,P27	2S 33E Sec. 22 MDM	37.75632999980	-118.32733000000
Green Monster	W024219	Mono	Silver		White Mountains Rare Ii Area	{Deposit:: CALIF. STATE MINING BUR. REPORT 15, 1915, P. 72.}{Deposit:: CALIF. DIV. MINES BULLETIN 144, 1948, P. 273.}{Deposit:: CALIF. JOUR. MINES AND GEOL., V. 53, 1957, P. 554.}{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}	2S 34E Sec. 28 MDM	37.74934000020	-118.23203999900
Green Rock		Mono	Silver		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 65, P. 43.}	4S 33E Sec. 28 MDM	37.57184000020	-118.34424000000
Grefco		Mineral	Diatomite			MINOBRAS: NEV IND MIN (1973) P 30		38.01573000000	-118.25594000000
Ground Hog Prospect		Inyo	Gold		Ground Hog; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 4, P. 13.}	6S 34E Sec. 36 MDM	37.38743999960	-118.18733000000
Gunter Canyon Area Pumice Deposits		Inyo	Pumice		Hidecker Pumice; Pumice Placer; Churchill; White Mountains Rare Ii Area; White Gull Pumice; Michael No. 1; Michael No. 1 Claim Patented; Defiance Claim Patented; Fearless Claim Patented; Virginia Claim Patented; U. S. Gpysum Pumice		6S 34E Sec. 06 MDM	37.45824000010	-118.28624000100
Gunter Canyon Area Pumice Deposits		Mono	Pumice		Churchill Pumice; Hidedecker Pumice; Michael No. 1; U. S. Gypsum Placers; White Gull; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, PLATE 1,}{Deposit:: NO. 108, P. 10; TABLE 4, NO. 108, P. 52.}	5S 33E Sec. 36 MDM	37.46524000030	-118.29674000000
Gunter Canyon Barite Mine		Inyo	Barium-Barite		White Mountains Rare Ii Area		5S 34E Sec. 31 MDM	37.46574000030	-118.28404000000
Hall Extension		Inyo	Silver		Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: NO. 35, P. 18.}	8S 34E Sec. 03 MDM	37.28685000000	-118.22593000000
Hannah No. 1		Mono	Graphite		Hannah No 1; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 81, P. 46.}	3S 33E Sec. 27 MDM	37.66103999970	-118.33034000000
Hap No. 41 Prospect		Inyo			Birch Creek Rare Ii Area; Hap No. 41		7S 35E Sec. 01 MDM	37.36745000010	-118.09483000000
Happy Day Prospect		Inyo	Gold		Happy Day; Black Canyon Rare Ii Area	{Deposit:: RAINS, R.L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: NO. 2, P. 13.}	6S 34E Sec. 28 MDM	37.39303999990	-118.25593000000
Hardluck Nos. 1-4		Mono	Gold		White Mountains Rare Ii Area; Hardluck Nos 1-4	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 117, P. 53.}	5S 36E Sec. 15 MDM	37.51774000000	-118.00873000100
Harrington		Mono	Silver		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 57, P. 41.}	4S 35E Sec. 05 MDM	37.63074000000	-118.13623000000
Heinie B Nos. 1 and 2		Mono	Copper		Heinie B Nos 1-2; Silver Star; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 51, P. 40.}	3S 33E Sec. 28 MDM	37.66573999960	-118.34454000000
Hidecker Pumice		Inyo	Pumice		White Mountains Rare Ii Area; Gunter Canyon Area Pumice Deposits	{Deposit:: CALIF. STATE MINING BUR. REPORT, V. 22, 1926, P. 521.}{Deposit:: CALIF. JOUR. MINES AND GEOL., V. 34, 1938, P. 485.}{Deposit:: CALIF. JOUR. MINES AND GEOL., V. 47, 1951, P. 210.}	6S 33E Sec. 13 MDM	37.43164000010	-118.30264000000
Hobo Claims Nos. 1-8		Inyo	Barium-Barite		Hobo Claims No. 1-8; White Mountains Rare Ii Area	{Deposit:: U. S. BUREAU OF MINES OPEN-FILE REPORT 94-83, 1983, NO. 100,}{Deposit:: P. 50.}	6S 34E Sec. 04 MDM	37.46053999960	-118.25314000000
Hobo Nos. 1-8		Mono	Barium-Barite		Hobo Nos 1-8; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, PLATE 1,}{Deposit:: NO. 100, P. 10; TABLE 4, NO. 100, P. 50.}	5S 34E Sec. 33 MDM	37.47434000030	-118.25844000000
Hunington		Inyo	Copper				7S 34E Sec. 15 MDM	37.34464000000	-118.23763000000
Indian Queen Project		Esmeralda	Silver			{Deposit:: INCLUDES THE FOLLOWING CLAIMS: MARS,RIVERSIDE,BLUE TYPE, AL,}{Deposit:: EXPOSED TREASURE,OVERLAY,ALBERT,TIGER,INCLUDES INDIAN QUEEN}{Deposit:: POORMAN, MORGAN, ALBERT & SPOR MINES AND NUMEROUS TRENCHES,}{Deposit:: PITS AND UNDERGROUND WORKS.}{		37.89352999990	-118.32404000000
Indian Queen-Poorman Mine		Esmeralda	Silver		Indian Queen-Poorman Mine	{Deposit:: VANDERBURG,W.C. 1937, USBM I.C. 6941,P49.}{Deposit:: USGS MIN RPT 1908 UNDER BUENA VISTA DIST.}{Deposit:: LINCOLN, F.C. 1923, MIN DISTICTS & MIN RES OF NV P140}{Deposit:: RAYMOND, R.W., 1877, STATISTICS OF MINES & MINING, EXEC DOC}{Deposit:: N		37.88932999990	-118.31874000000

MINE NAME	MRDS ID	COUNTY	MAJOR COMMODITY	PRIMARY ORE MINERAL	OTHER NAMES	REFEREENCES	TOWNSHIP- SECTION- RANGE- MERIDIAN	Latitude	Longitude
Inspiration		Mono	Mica		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 59, P. 41.}{Deposit:: COMMODITY IS SERICITE.}	4S 33E Sec. 15 MDM	37.59773999990	-118.31874000000
Insulating Aggregates, Inc.	M010644	Mono	Pumice		Insulating Aggregate	CALIF. DIV. MINES BULLETIN 174, 1956, P. 60-61.	5S 33E Sec. 32 MDM	37.47074000010	-118.36904000000
Inyo County Bank		Inyo	Lead			CALIF. DIV. MINES BULLETIN 144, 1948, NO. 115, P. 245.	9S 34E Sec. 15 MDM	37.16524999960	-118.24372999900
Iron Bell		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 71, P. 44.}	4S 34E Sec. 19 MDM	37.58434000010	-118.26594000000
Iron Cap		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 119, P. 53.}	5S 36E Sec. 15 MDM	37.50804000010	-118.01453000000
Jay Prospect		Inyo	Gold		Jay; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L. AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 20, P. 16.}	7S 34E Sec. 14 MDM	37.33744999960	-118.20453000000
Jeff No. 2		Mono	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 143, PLATE 2A.}	4S 35E Sec. 14 MDM	37.60854000010	-118.08843000000
Jody-Dee-Tom Prospect		Inyo	Gold		Jody-Dee-Tom; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L. AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 24, P. 16.}	7S 34E Sec. 14 MDM	37.33495000020	-118.21063000000
Jon Nos 1-101		Esmeralda	Gold			{Deposit:: POINT OF REFERENCE IS CENTER SEC 36 (JON 56) JON CLAIMS}{Deposit:: EXTEND THROUGH SEC 25,35,36 IN RANGE 33 & SEC 30,31 IN R.34}{Deposit:: COVERING MANY OLDER TRENCHES AND PITS, THE F & L MINE AND}{Deposit:: OLDER CLAIMS OF KOLLSMAN MINERAL AN		37.87713000030	-118.25174000000
Joyce and Mark		Mono	Silver		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 99, P. 49.}	5S 34E Sec. 31 MDM	37.46713999990	-118.28814000000
Juanita Prospect		Inyo	Copper		Birch Creek Rare Ii Area; Juanita		6S 36E Sec. 30 MDM	37.40524000000	-118.07013000000
Katy Prospect		Inyo	Silver		Katy Nos. 1 & 2; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: NO. 26, P. 17.}	7S 34E Sec. 23 MDM	37.32775000030	-118.21763000000
Kelly Mines	M055460	Esmeralda	Gold			USGS CRIB NO. MO55460		37.61384000010	-118.02283000000
Kelly Mines, Inc.	M055460	Esmeralda	Platinum, Silver, Gold, Mercury			BAILEY, E.H., U.S. GEOLOGICAL SURVEY, PERSONAL FILES		37.62354999970	-118.02621000000
Kesef Prospect		Inyo	Gold		Kesef; Birch Creek Rare Ii Area		7S 36E Sec. 05 MDM	37.36775000030	-118.04263000000
Key & Sanger Pyrophyllite Deposit		Mono	Talc-Soapstone		Marguerite Group; White Swan Group		3S 33E Sec. 33 MDM	37.64523999970	-118.34094000000
Keystone		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 98, P. 49.}	5S 33E Sec. 36 MDM	37.47433999970	-118.30984000000
Keystone Prospect		Inyo	Gold		Black Canyon Rare Ii Area; Keystone	{Deposit:: RAINS, R. L. AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: NO. 10, P. 14.}	7S 34E Sec. 09 MDM	37.35664000010	-118.24673000000
Lakeview Claim		Inyo	Fluorine-Fluorite		White Mountains; Dirty Weather Claim; Burgner-Adams Fluorite Deposit; Birch Creek Rare Ii Area		6S 35E Sec. 33 MDM	37.38274000000	-118.13703000000
Lakeview Prospect		Inyo	Silver		Birch Creek Rare Ii Area; Lakeview		7S 36E Sec. 04 MDM	37.37105000040	-118.03313000000
Lakeview Prospect		Inyo	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 35, PLATE 2A.}	7S 36E Sec. 04 MDM	37.37685000040	-118.02903000000
Last One Group Claims	M055364	Esmeralda	Mercury		Mc Nett Prospect	U.S. BUR OF MINES INFORM CIRC 8252, 1965, PP. 267,295		37.83684000030	-118.20653999900
Last One Prospect	M055364	Esmeralda		Cinnabar	Mc Nutt; Mc Nett	{Deposit:: BAILEY, E. H., U. S. GEOLOGICAL SURVEY, PERSONAL FILES}{Deposit:: HOLMES, 1965, MERCURY IN NEVADA: IN USBM IC 8252}{Deposit:: ROBINSON AND CROWDER, 1973, GEOLOGIC MAP OF THE DAVIS MOUNTAIN QUADRANGLE, ESMERALDA AND MINERAL COUNTIES, NEVADA AND		37.83687999990	-118.20677000000
Laws Custom Mill		Inyo	Kaolin			CALIF. DIV. MINES AND GEOL. ACTIVE MINES DATABASE (1991).	6S 33E Sec. 27 MDM	37.40274000010	-118.34674000000
Linda		Esmeralda	Mercury					37.90772999970	-118.27784000000
Linda & St.Joseph Group		Mineral				{Deposit:: NEV BUR OF MINES RPT. 1, 1961, P. 15}{Deposit:: NEV BUR OF MINES RPT. 14, 1966, P. 11-12}{Deposit:: PAPKE KG 1974-1975, DATA FROM FIELD INVES. FLOURSPAR OCC. IN}{Deposit:: PAPKE,KG,1979,FLUORSPAR IN NV:NV BUR MINES BULL 93,P33-34}		37.91432999970	-118.33064000000
Linda Mine		Mineral	Fluorine-Fluorite			NEV BUR OF MINES FLUORSPAR GRANT IN NEV. GRANT, USBM		37.99823000040	-118.37765000000
Little Blue Group		Mono	Silver		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, PLATE 1,}{Deposit:: NO. 63, P. 10; TABLE 4, NO. 63, P. 42.}	4S 33E Sec. 21 MDM	37.58493999970	-118.33704000000
Little Dipper Group		Mono	Copper		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 49, P. 39.}	3S 33E Sec. 20 MDM	37.67634000010	-118.35984000000
Lone Chair Prospect		Inyo	Lead		Lone Chair Mine Nos 1 & 2; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: NO. 36, P. 18.}	8S 34E Sec. 02 MDM	37.28805000030	-118.20673000000
Lucky Boy	C010671	Mono	Gold	Galena, Gold, Hematite	Piper	{Deposit:: TUCKER, W. B., AND SAMPSON, R. J., 1940 , MINERAL RESOURCES OF MONO COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 36 , NO. 2 , P. 127 , PL. 1 .}{Deposit:: GOODWIN, J. G., 1957 , LEAD AND ZINC IN CALIFORNIA: CALIFORNIA JOURNAL OF MINES	5S 37E Sec. 29 MDM	37.48553999990	-117.94873000000
Lucky Boy Mine	C010671	Mono	Gold		Piper Mine	CALIF. JOUR. MINES AND GEOL., V. 36, 1940, P. 127.	5S 37E Sec. 29 MDM	37.48553999990	-117.94873000000
Lucky Group	M055247	Esmeralda	Mercury		Red Cloud/World Exploration Company; Red Hope	{Deposit:: NEV BUR OF MINES BULL.78, 1972, P.66}{Deposit:: ALDERS & STEWART (1972) P66}{Deposit:: NEV BUR OF MINES BULL.41, 1944, P.72, PL.1.}{Deposit:: USBM INFORM. CIRC.8252, 1965, P.294.}		37.87853000030	-118.25483999900
Lucky Property	M242135	Esmeralda	Mercury	Cinnabar	World Exploration Co.; Red Cloud; Red Hope	{Deposit:: ALBERS, J.R., AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA CO., NEV; NBMG, BULL 78.}{Deposit:: BAILEY, E.H., AND PHOENIX, D.A., 1944, QUICKSILVER DEPOSITS IN NEVADA: UNIV. NEV. BULL. VOL. 38, NO.5; GEOL. AND MIN. SER. NO.		37.87575999990	-118.27427000000
Lucky Susan Claims		Mineral	Uranium			{Deposit:: NEV BUR OF MINES, BULL. 58, 1961, TB. 6.1}{Deposit:: ROSS (1961) TB 6.1}		37.90462999980	-118.39625000000
Lucky Susan No 1 Prospect		Esmeralda	Thorium			NEV BUR OF MINES BULL 78, 1972, P. 59		37.83433000000	-118.34094000000
Lucky Susan Prospect	M233013	Mineral	Uranium			ROSS, D.C., 1961, GEOLOGY AND MINERAL DEPOSITS OF MINERAL COUNTY, NEVADA: NBMG BULL. 5		37.90770999960	-118.38094000000
Mable Mine	M010633	Mono	Gold			CALIF. STATE MINING BUR. REPORT 12, 1894, P. 181.	5S 34E Sec. 20 MDM	37.49604000030	-118.26564000000
Materials Site #283		Inyo	Sand and Gravel, Construction		Big Pine Borrow Site	{Deposit:: JOHN RAPP, CALIF. DIV. MINES AND GEOL., PERSONAL COMMUN.,}{Deposit:: 1991.}	9S 34E Sec. 03 MDM	37.18964999970	-118.24673000000
Mcmillian Brothers		Inyo	Silver				7S 34E Sec. 15 MDM	37.34023999990	-118.22703000000
Mcnutt		Esmeralda	Mercury			NEV BUR OF MINES BULL 78, 1972, P. 67, PT. 2		37.82494000000	-118.21923999900
Mcnutt Mercury Prospect	M242128	Esmeralda	Mercury	Cinnabar		{Deposit:: ALBERS, J.P., AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA CO., NEV.; N.B.M.G. BULL. 78}{Deposit:: MILS, 1979, USBM}{Deposit:: TINGLEY, J.V., 1982, FIELD EXAMINATION, 15 AUGUST 1982.}		37.83827000030	-118.20677000000
Mercury Prospect		Esmeralda	Mercury					37.89273000010	-118.27284000000
Mercury Prospect		Esmeralda	Mercury					37.90712999970	-118.28154000000
Mercury Prospect		Esmeralda	Mercury					37.93633000030	-118.24704000000
Mercury Prospect		Esmeralda	Mercury		Mercury Pros^Ect			37.89323000010	-118.28094000000
Mexican Mine	W023802	Inyo	Lead, Zinc	Galena, Sphalerite	Reed Flat	{Deposit:: GOODWIN, J. C., 1957 , LEAD AND ZINC IN CALIFORNIA; CALIF. JOUR. MINES AND GEOLOGY, VOL. 53 , NO. 3 & 4 ; DIV. OF MINES, P. 489}{Deposit:: NORMAN, L. A. AND STEWART, R. M., 1951 , MINES AND MINERAL RESOURCES OF INYO COUNTY; CALIF. JOUR. MINE	6S 35E Sec. 31 MDM	37.37688000040	-118.18065000100
Michael Brown Property		Esmeralda	Lead			USBM,WFOC, MINERAL PROPERTY FILE 0320090375		37.87242999970	-118.28844000000
Middle Creek Prospects		Esmeralda	Silver					37.84053999970	-118.24564000000
Mile High Mine		Inyo	Tungsten		Mile High Mine Group 7	25 MI NE OF BIG PINE ON HIGHWAY 168	7S 36E Sec. 04 MDM	37.36465000010	-118.02513000000
Mirage-Mariposa Mine		Inyo	Tungsten		Golden Mirage Mine; Golden Mirage & Mariposa Claims; Wooley Mine; Black Canyon Rare Ii Area	{Deposit:: CALIF. STATE MINING BUR. REPORT, V. 12, 1894, P. 140-141.}{Deposit:: U. S. GEOLOGICAL SURVEY PROF. PAPER 110, 1918, P. 119-120.}{Deposit:: KNOPF. A., 1912, MINERAL RESOURCES OF THE INYO AND WHITE}{Deposit:: MOUNTAINS, CALIFORNIA: U.S. GEOLOGIC	7S 34E Sec. 09 MDM	37.34804000020	-118.25373000000
Mistake		Inyo	Lead				7S 34E Sec. 16 MDM	37.34024000010	-118.24653000000
Mohawk Shaft	D001038	Mono		Gold, Scheelite		{Deposit:: BATEMAN, P. C., 1956, ECONOMIC GEOLOGY OF BISHOP TUNGSTEN DISTRICT, SPECIAL REPT. 47, DIV. OF MINES, P. 80.}{Deposit:: LEMMON, D. M., TUNGSTEN DEPOSITS IN THE US; UNPUBLISHED DATA.}	5S 33E Sec. 25 MDM	37.48326999980	-118.30094000000
Mohawk Shaft	C010641	Mono	Gold			{Deposit:: BATEMAN, P. C., 1956 , ECONOMIC GEOLOGY OF THE BISHOP TUNGSTEN DISTRICT CALIFORNIA: CALIF. DIVISION OF MINES & GEOLOGY SPECIAL REPORT 47 , P. 80 .}{Deposit:: NETZEBAND, F. F., AND OTHERS, 1952 , MONO COUNTY: US BUREAU OF MINES MINERAL YEARBO	5S 33E Sec. 24 MDM	37.49882999960	-118.30622000000
Mollie Gibson Mine		Inyo	Silver		Birch Creek Rare Ii Area		7S 35E Sec. 16 MDM	37.34305000000	-118.14423000000
Moltby		Inyo	Silver				7S 34E Sec. 16 MDM	37.34213999990	-118.24763000000
Mono Copper Nos. 1 and 2		Mono	Copper		White Mountains Rare Ii Area; Mono Copper Nos. 1-2	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 2,}{Deposit:: NO. 66, P. 43.}	4S 33E Sec. 28 MDM	37.56804000030	-118.33763999900
Mono Plute Rainbow Mine	M010638	Mono	Gold, Silver			USBM MINERALS YEARBOOK, V. III, 1952, P. 19	5S 33E Sec. 14 MDM	37.51494000020	-118.32261000000
Monoco Mine		Mono	Gold		White Mountains Rare Ii Area; Golden Hornet	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 86, P. 47.}	5S 34E Sec. 18 MDM	37.51023999960	-118.29424000000
Mono-Inyo Mine		Mono	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988}{Deposit:: NO. 4, PLATE 2A.}	5S 37E Sec. 32 MDM	37.46684000040	-117.93953000000
Montana Claim	M242129	Esmeralda	Mercury			TINGLEY, J.V., 1982, FIELD EXAMINATION OF 15 AUGUST 1982		37.84910999960	-118.23066000000
Montana Nos 1-2		Esmeralda	Mercury					37.84604000010	-118.21534000000
Montecito	W024224	Mono	Gold, Copper, Lead, Silver			COPPER IN CALIF,1948,CALIF DIV MINES BULL 144,P27	5S 33E Sec. 11 MDM	37.52827000010	-118.31816000000
Montecito	W024224	Mono	Lead			{Deposit:: CALIF. DIV. MINES BULLETIN 144, 1948, P. 274.}{Deposit:: CALIF. JOUR. MINES AND GEOL., V. 53, 1957, P. 564.}	5S 33E Sec. 11 MDM	37.52824000020	-118.31814000000
Montgomery Summit Property	M233020	Mineral	Mercury	Cinnabar		{Deposit:: ROSS, D.C., 1961, GEOLOGY AND MINERAL DEPOSITS OF MINERAL COUNTY, NEVADA: NBMG BULL. 58.}{Deposit:: BAILEY, E.H., AND PHOENIX, D.A., 1944, QUICKSILVER DEPOSITS IN NEVADA: NEVADA UNIV. BULL., V.38 NO.5, GEOLOGY AND MINING SER. NO.419}		37.97465000000	-118.36262000000
Montgomery Summit Property	M055424	Mineral	Mercury	Cinnabar	Summit Mountain Mercury	{Deposit:: BAILEY AND PHOENIX, 1944, QUICKSILVER DEPOSITS IN NEVADA: NBMG BULL. 41}{Deposit:: HOLMES, 1965, MERCURY IN NEVADA: IN USBM IC 8252}{Deposit:: ROSS, 1961, GEOLOGY AND MINERAL DEPOSITS OF MINERAL COUNTY, NEVADA: NBMG. BULL. 58}		37.97381999960	-118.36262000000
Montgomery Summit Property	M055424	Mineral	Mercury		Montgomery Summit	{Deposit:: NEV BUR OF MINES BULL. 41, 1944, P. 132, PL. 1}{Deposit:: USBM INFORM CIRC. 8252, 1965, PP. 294, 298}{Deposit:: NEV BUR OF MINES BULL. 58, 1961, TB. 6.1, PT 1}		37.97243000020	-118.36125000000
Moon Group Area Prospects		Mono	Gold		Dark Horse Mine; Peter Cody Adit; Moon Claim Group; Paymaster No.3; Daurte Mine; Star No. 4; Tres Amigos; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, PLATE 1,}{Deposit:: NO. 97, P. 10; TABLE 4, NO. 97, P. 49.}{Deposit:: CALIF. DIV. MINES 12TH RPT. P. 178; 13TH RPT. P. 277,}{Deposit:: (DARKHORSE).}{Deposit:: CALIF. JOUR. MINES AND GEOL.,	5S 33E Sec. 24 MDM	37.49273999970	-118.30594000000
Moonlight and Silver Moonclaims	D011037	Mineral	Tungsten	Scheelite		{Deposit:: NBM BULL, STAGER, H.K. (IN PREP JAN 1984)}{Production:: NBM BULL, STAGER, H.K. (IN PREP JAN 1984)}		37.95825999970	-118.31761000000
Moonlight-Silver Moon Claims	M242123	Mineral	Tungsten	Scheelite		{Deposit:: TINGLEY, J.V., 1982, FIELD EXAMINATION ON 14 AUGUST, 1982.}{Deposit:: STAGER, H.K., TUNGSTEN DEPOSITS OF NEVADA, NBMG BULL, IN PREPARATION}		37.95381999990	-118.30844000000
Morgan Mine	M232004	Esmeralda	Silver, Gold			{Deposit:: CROWDER, D.F., ROBINSON, P.F., HARRIS, D.L., 1972, GEOLOGIC MAP OF THE BENTON QUADRANGLE: USGS MAP GQ-1013.}{Deposit:: ALBERS, J. P. AND STEWART, J.H., 1972, NBMG BULL 78.}{Deposit:: MILS, 1979, USBM DATA}		37.89353999990	-118.32344000000
Morgan Mine		Esmeralda	Silver			{Deposit:: NEV. BUREAU OF MINES AND GEOL. BULLETIN 78, 1972, PLATE 2,}{Deposit:: NO. 48.}		37.89353000040	-118.32424000000
Moulas Mine Group		Mono	Gold		White Mountains Rare Ii Area; Moulas Mine; Pieute Claim	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 85, P. 47; PLATE 1, NO. 85, P. 10.}	5S 33E Sec. 01 MDM	37.54384000020	-118.30124000000
Mountain View	D001040	Inyo	Tungsten		Shasta Rose		6S 36E Sec. 07 MDM	37.44303999960	-118.06903000000
Mountain View and Proctor Mine		Mono	Silver		Birch Creek; Cavelli; Bruce; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 45, P. 38.}	3S 33E Sec. 05 MDM	37.72354000040	-118.36954000000
Ms 166		Mono	Sand and Gravel, Construction		Ms166	BLM GEM CDCA DATA BASE, 1981.	5S 37E Sec. 21 MDM	37.50213999960	-117.92513000000
Ms 272		Mono	Sand and Gravel, Construction		Ms272	BLM GEM CDCA DATA BASE, 1981.	5S 37E Sec. 33 MDM	37.47213999960	-117.92263000000
Ms197		Inyo	Sand and Gravel, Construction			BLM GEM CDCA DATA BASE, 1981.	7S 36E Sec. 03 MDM	37.36994999990	-118.01373000000
Mt.Tom Prospect		Inyo	Silver		Mt Tom Prospect; Birch Creek Rare Ii Area		6S 35E Sec. 33 MDM	37.38883999960	-118.14813000000
NBMG Sample Site	M242121	Esmeralda	Lead, Silver, Gold, Copper			TINGLEY, J.V., 1982, FIELD EXAMINATION OF 8/13/82		37.88825999990	-118.32344000000
Nealy		Inyo	Silver			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 9, PLATE 2A.}	6S 36E Sec. 11 MDM	37.43774000040	-117.99153000000
Neptune, Phoenix, and Creekside Qtz		Mono	Silver		Neptune,Phenix and Creekside Quartz; Mountain Queen; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 83, TABLE 4,}{Deposit:: NO. 33, P. 35.}{Deposit:: CALIF. DIV. MINES 8TH REPT., P. 378.}	1S 32E Sec. 26 MDM	37.83022999970	-118.42455000000
New Year Copper		Inyo	Copper				6S 34E Sec. 19 MDM	37.40804000010	-118.28734000000
North Star Prospect		Inyo	Silver		Northstar; Twilight; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: NO. 12, P. 14.}	7S 34E Sec. 09 MDM	37.35353999990	-118.25423000000
O. K. Property	M055363	Mineral	Mercury	Cinnabar	Esmeralda	{Deposit:: BAILEY, E. H., U. S. GEOLOGICAL SURVEY, PERSONAL FILES}{Deposit:: BAILEY AND PHOENIX, 1944, QUICKSILVER DEPOSITS IN NEVADA: NBMG BULL. 41}{Deposit:: ALBERS AND STEWART, 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NEVADA: NBMG BULL.		37.94299000040	-118.30844000000
O. K. Property	M055363	Esmeralda	Mercury			{Deposit:: NEV.BUR.OF MINES BULL.41,1944,P.71,PL.1}{Deposit:: USBM INFORM. CIRC. 8252, 1965, PP.267,294.}		37.93553000030	-118.30204000000
Oasis	M020649	Inyo			Copper Queen	WARING, C. A., 1919 , INYO COUNTY; 15TH REPT. STATE MINERALOGIST; CALIF. MIN. BUR., P. 73 - 7	6S 37E Sec. 07 MDM	37.44076999990	-117.96621000000
Old Sheepherder		Mineral	Gold					37.93182999990	-118.33424000000
Orchard Springs		Mineral	Silver			{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94=83, 1983, TABLE 4,}{Deposit:: NO. 4, P. 30; PLATE 1.}		37.90213000000	-118.38063999900

MINE NAME	MRDS ID	COUNTY	MAJOR COMMODITY	PRIMARY ORE MINERAL	OTHER NAMES	REFEREENCES	TOWNSHIP- SECTION-RANGE- MERIDIAN	Latitude	Longitude
Oro Vista Area Prospects		Mono	Gold		White Mountains Rare Ii Area; Oro Vista Group Area Deposits	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 79, P. 45; PLATE 1, NO. 79, P. 10.}	5S 33E Sec. 02 MDM	37.54384000000	-118.31764000000
Out of Sight		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 42, P. 38.}	3S 34E Sec. 03 MDM	37.71304000020	-118.21424000000
Overlay No 9		Esmeralda	Silver					37.87633000020	-118.33594000000
Pacific Mine	W007464	Mono	Talc-Soapstone	Pyrophyllite		WRIGHT, L. A., 1957, PYROPHYLLITE, IN MINERAL COMMODITIES OF CALIFORNIA: CALIF. DIV. OF MINES BULL. 176, P. 455 - 45	4S 33E Sec. 03 MDM	37.63327000020	-118.33427000000
Pacific Mine		Mono	Talc-Soapstone		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 1,}{Deposit:: NO. 53, P. 8.}	3S 33E Sec. 33 MDM	37.64884000010	-118.33983999900
Packfic Mine		Mono	Talc-Soapstone			{Deposit:: CALIF. DIV. MINES AND GEOL. SPECIAL PUBLICATION 103, 1990,}{Deposit:: P.}	5S 33E Sec. 24 MDM	37.49993999970	-118.31094000000
Pay-Day		Inyo	Lead				6S 34E Sec. 22 MDM	37.41934000000	-118.22733000000
Picture Rock		Esmeralda	Mercury					37.84933999980	-118.23284000000
Picture Rock Claim	M242136	Esmeralda	Mercury			TINGLEY, J.V., 1982, FIELD EXAMINATION ON 15 AUGUST 1982		37.84911000020	-118.23177000000
Pine Flat Barite		Inyo	Barium-Barite		White Mountains Rare Ii Area		6S 34E Sec. 04 MDM	37.45323999960	-118.25784000000
Pine Mountain Group	M024155	Inyo	Gold		Pine Mountain Mine		7S 35E Sec. 24 MDM	37.32994999970	-118.09033000000
Pine Mtn. Mine	M024155	Inyo	Gold	Gold		TUCKER, W.B., 1920, INYO COUNTY, CALIF.: CALIF. JOUR. MINES AND GEOLOGY, V. 17, P. 28	7S 35E Sec. 24 MDM	37.32994999960	-118.09037000000
Poleta	M024075	Inyo	Gold		Polita		7S 34E Sec. 08 MDM	37.35884000010	-118.27564000000
Poleta Mine	X023777	Inyo	Gold, Silver	Gold, Limonite	Polita	{Deposit:: NORMAN, L.A. JR. AND STEWART, RICHARD M., 1951, MINES AND MINERAL RESOURCES OF INYO COUNTY: CALIF. JOURNAL OF MINES AND GEOLOGY, V. 47, NO. 1, P. 160}{Deposit:: TUCKER, W.B. AND SAMPSON, R.J., 1938, MINERAL RESOURCES OF INYO COUNTY: CALIF. J	7S 34E Sec. 08 MDM	37.35937999970	-118.27511000000
Possible Fluorspar Prospect		Mineral	Fluorine-Fluorite					37.93773000020	-118.33564000000
Possible Mercury Prospect		Mineral	Mercury					37.94432999970	-118.33404000000
Possible Mercury Prospect		Mineral	Mercury					37.94662999990	-118.32014000000
President Clay Deposit	M242138	Esmeralda	Clay	Clay		{Deposit:: ALBERS, J.P. AND STEWART, J.H., 1972, NBMG BULL. 78, P.61}{Deposit:: USBM, 1978, MILS DATA}		37.67855000020	-118.07593000000
President Clay Deposit		Esmeralda	Clay			{Deposit:: NEV BUR OF MINES BULL 78, 1972,P.61.}{Deposit:: NEAR DYER IN FISH LAKE VALLEY}		37.67913999960	-118.08423000000
Quartz Lo Prospect		Inyo	Gold		Quartz Lo; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 40, P. 19.}	8S 34E Sec. 12 MDM	37.27355000040	-118.20373000000
Queen	D001280	Mineral	Tungsten		Queens	{Deposit:: NEV BUR OF MINES RPT. 2, 1962, P. 33}{Deposit:: NEV BUR OF MINES RPT. 1, 1961, P. 15}{Deposit:: USGS BULL 652, 1917, P. 43}{Deposit:: USGS BULL 725-D, 1921, P. 277}{Deposit:: NEV BUR OF MINES BULL 65, 1963, TB. 11 AND 15}		37.97102999960	-118.39625000100
Queen Canyon Mine	M232006	Esmeralda	Fluorine-Fluorite, Silver	Fluorite		{Deposit:: CROWDER, D.F., ROBINSON, P.F., HARRIS, D.L., 1972, GEOLOGIC MAP OF THE BENTON QUADRANGLE, MONO COUNTY, CALIF. AND ESMERALDA AND MINERAL COUNTIES, NEV.: USGS MAP GQ-1013}{Deposit:: ALBERS, J.P. AND STEWART, J.H., 1972, NBMG BULL 78.}{Deposit::		37.89382000040	-118.34900000000
Queen Mine	M232005	Esmeralda	Silver, Gold			CROWDER, D.F., ROBINSON, P.F., HARRIS, D.L., 1972, GEOLOGIC MAP OF THE BENTON QUADRANGLE: USGS MAP GQ-1013		37.88964999980	-118.31788000000
Queen Mine	M242124	Esmeralda	Silver, Lead, Gold, Copp	Chalcopyrite, Galena	Indian Queen	{Deposit:: ALBERS, J.P. AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NV; N.B.M.G. BULL. 78}{Deposit:: MILS, 1979, USBM}{Deposit:: LINCOLN, F.C., 1923, P. 140}{Deposit:: TINGLEY, J.V., 1982, FIELD EXAMINATION ON 12 AUGUST 198		37.88964999980	-118.31788000000
Queens Mine	D011059	Mineral	Gold, Silver	Fluorite	Buena Vista; Montgomery	NBM BULL, STAGER, H.K. (IN PREP JAN 1984		37.94993000030	-118.41762000100
R & R Claims	D001039	Inyo	Tungsten			{Deposit:: LEMMON, D.M., UNPUBLISHED DATA.}{Deposit:: LEMMON, D.M., AND TWETO, O.L., 1962, TUNGSTEN IN THE U.S., USGS MAP, MR-25.}	7S 34E Sec. 09 MDM	37.34994000000	-118.25093000000
R & R Claims	M022590	Mono	Tungsten	Chalcopyrite, Scheelite		{Deposit:: BATEMAN, P. C., 1956, ECONOMIC GEOLOGY OF BISHOP TUNGSTEN DISTRICT; SPECIAL REPT. 47, DIV. OF MINES, P. 80}	7S 34E Sec. 09 MDM	37.34800000030	-118.24565000000
Ray-Tom Group		Mono	Gold		Gold-Silver Occurrence; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 83, P. 46.}	5S 33E Sec. 11 MDM	37.53464000010	-118.33094000000
Red Cloud Property	M055247	Esmeralda		Cinnabar	World Exploration Company: Red Hope; Lucky	{Deposit:: BAILEY AND PHOENIX, 1944, QUICKSILVER DEPOSITS IN NEVADA: NBMG BULL. 41}{Deposit:: BAILEY, E. H., U. S. GEOLOGICAL SURVEY, PERSONAL FILES}{Deposit:: ALBERS AND STEWART, 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NEVADA: NBMG BULL.		37.88771000020	-118.27177000100
Red Rock Mine	M055010	Esmeralda	Mercury	Cinnabar	Chrysler	{Deposit:: BAILEY, E. H., U. S. GEOLOGICAL SURVEY, PERSONAL FILES}{Deposit:: BAILEY AND PHOENIX, 1944, QUICKSILVER DEPOSITS IN NEVADA: NBMG BULL. 41}{Deposit:: LAWRENCE, 1963, ANTIMONY DEPOSITS OF NEVADA: NBMG BULL. 61}{Deposit:: ROBINSON AND CROWDER, 19		37.85576000040	-118.24288000000
Red Rock Mine	M242406	Esmeralda	Mercury	Barite, Cinnabar, Limonite, Stibiconite, Stibnite	Chrysler	{Deposit:: ALBERS, J.P., AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA CO., NEV.; N.B.M.G. BULL. 78}{Deposit:: BAILEY, E.H., AND PHOENIX, D.A., 1944, QUICKSILVER DEPOSITS OF NEVADA: UNIV. NEV. BULL. VOL. 38, NO. 5, GEOL & MIN. SER. N		37.85520999960	-118.24288000000
Red Rock Mine	M055010	Esmeralda	Mercury			{Deposit:: NEV BUR OF MINES BULL 78, 1972, P. 58, 67}{Deposit:: NEV BUR OF MINES BULL 61, 1963, P. 66, PL. 1}{Deposit:: NEV BUR OF MINES BULL 41, 1944, P. 72, PLS. 1&6}{Deposit:: U.S. BUR OF MINES INFORM CIRC 8252, 1965, PP. 268, 294}		37.85523000040	-118.24314000000
Red Rose Property	M242137	Esmeralda	Mercury	Cinnabar		{Deposit:: ALBERS, J.P., AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NEVADA; NBMG BULL 78.}{Deposit:: BAILEY, E.H., AND PHOENIX, P.A., 1944, QUICKSILVER DEPOSITS IN NEVADA: UNIV. NEV, BULL, VOL, 38; NO. 5; GEOL & MIN SER N		37.89992999990	-118.28038000000
Red Rose Property		Esmeralda	Mercury			{Deposit:: NEV BUR OF MINES BULL 78, 1972, P. 67}{Deposit:: NEV BUR OF MINES BULL 41, 1944, P. 73, PL.1}{Deposit:: U.S. BUR OF MINES INFORM CORC 8252, 1965, P.268,294}		37.90052999970	-118.27094000000
Red Rose Prospect	M055362	Esmeralda	Mercury	Cinnabar	L and D	{Deposit:: BAILEY, E. H., U. S. GEOLOGICAL SURVEY, PERSONAL FILES}{Deposit:: BAILEY AND PHOENIX, 1944, QUICKSILVER DEPOSITS IN NEVADA: NBMG BULL. 41}{Deposit:: ALBERS AND STEWART, 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NEVADA: NBMG BULL.		37.89992999960	-118.28094000000
Reed Flat Mine	W023802	Inyo	Silver		Birch Creek Rare Ii Area; Mexican Mine	{Deposit:: BUTNER, D. W., 1945, MEXICAN LEAD MINE INYO COUNTY,}{Deposit:: CALIFORNIA ACCESS ROAD REPORT UNPUBLISHED BUREAU OF}{Deposit:: MINES, REPORT ON FILE AT THE USBM WFOC SPOKANE WA. P.6}{Deposit:: TUCKER, W. B., 1926, TWENTY-SECOND REPORT OF THE ST	6S 35E Sec. 31 MDM	37.38054000020	-118.18173000000
Robin		Mono	Gold		Longwalk; Robin Longwalk; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 49-82, 1982, PLATE 1,}{Deposit:: NO. 90, P. 10; TABLE 4, NO. 90, P. 48.}	5S 34E Sec. 17 MDM	37.51744000010	-118.26784000000
Rodgers Limestone Deposit		Inyo	Stone, Crushed/Broken		Rodgers Limestone; White Mountains Rare Ii Area		6S 34E Sec. 28 MDM	37.40244000040	-118.24313000000
Russell Nos. 1-17		Mono	Silver		Kearney; Suttes Suquesne; Newcomer; Russell Nos 1-17; San Francisco; Prince Henry; Hackett; Oversight; Blonde Eskimo; Ragtime; Shamrock; Coon; Vermont; Silver Reef; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, TABLE 4,}{Deposit:: NO. 31, P. 35.}	1S 32E Sec. 23 MDM	37.84993000000	-118.42015000000
Ruth E.		Esmeralda	Copper					37.86963000000	-118.29314000000
Sacramento	C010634	Mono	Gold	Chalcopyrite, Galena, Gold		{Deposit:: ERIC, J. C., 1948 , TABULATION OF COPPER DEPOSITS IN CALIFORNIA IN COPPER IN CALIFORNIA: CALIFORNIA DIVISION OF MINES BULLETIN 144 , P. 274 .}{Deposit:: TUCKER, W. B., AND SAMPSON, R. J., 1940 , MINERAL RESOURCES OF MONO COUNTY: CALIFORNIA J	5S 33E Sec. 03 MDM	37.54326999970	-118.33205000000
Sacramento Canyon Area Prospects		Mono	Copper		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, PLATE 1,}{Deposit:: NO. 78, P. 10; TABLE 4, NO. 78, P. 45.}	5S 33E Sec. 02 MDM	37.53883999990	-118.32904000000
Sacramento Canyon Deposit.	M010635	Mono	Pumice			{Deposit:: CALIF. B. 174, P. 61, 96 AND PL. 1}{Deposit:: CALIF. V. 36, NO. 2, P. 152}{Deposit:: REPT. 23, OCT. 1927, P. 404; ADD. REF.: CALIF. MINERAL ABSTRACTS - PUMICE AND VOLCANIC ASH, P. 18-19}	5S 33E Sec. 03 MDM	37.54326999970	-118.33205000000
Sacramento Canyon Pumice Deposit		Mono	Pumice		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83 1983, PLATE 1,}{Deposit:: NO. 75, P. 10; TABLE 4, NO 75, P. 45.}	5S 33E Sec. 11 MDM	37.53434000010	-118.32404000000
Sacramento Mine		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: CALIF. STATE MINING BUR. REPORT 12, 1894, P. 183.}{Deposit:: CALIF. STATE MINING BUR. REPORT 13, 1896, P. 230.}{Deposit:: CALIF. STATE MINING BUR. REPORT 23, 1927, P. 388.}{Deposit:: CALIF. JOUR. MINES AND GEOL., V. 36, 1940, P. 132.}{Deposit:	5S 33E Sec. 03 MDM	37.54323999980	-118.33204000000
Sacramento No. 2		Mono	Gold		Sacramento No.2; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, PLATE 1,}{Deposit:: NO. 80, P. 10; TABLE 4, NO. 80, P. 46.}	5S 33E Sec. 03 MDM	37.54684000000	-118.33174000000
Saddle Back		Esmeralda	Mercury					37.93132999970	-118.27204000000
Sally Prospect		Inyo	Silver		Sally; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: NO. 19, P. 16.}	7S 34E Sec. 14 MDM	37.34714000000	-118.21033000000
Sand A. Gold Prospect		Inyo	Gold		Sand 'A' Gold & White Wolf Barite; Black Canyon Rare Ii Area; Sand A Gold	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: NO. 3, P. 13.}	6S 34E Sec. 31 MDM	37.38853999970	-118.28094000000
Saratoga, Lexington, Ranger		Mono	Gold		Saratoga,Lexington,Ranger; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 101, P. 50.}	5S 33E Sec. 36 MDM	37.46433999960	-118.31234000000
Scheelite Nugget	D001041	Inyo		Scheelite		{Deposit:: LEMMON, D.M., TUNGSTEN DEPOSITS IN THE U.S.; VOL. I; UNPUBLISHED DATA, P. 204}{Deposit:: LEMMON, D.M. AND TWETO, O.L., 1962; TUNGSTEN IN THE U.S.; USGS MAP, MR-25}	7S 35E Sec. 02 MDM	37.36661999970	-118.10093000000
Scheelite Nugget	D001041	Inyo	Tungsten				7S 35E Sec. 01 MDM	37.36664999980	-118.09483000000
Shasta Rose	D001040	Inyo		Scheelite	Mountain View	{Deposit:: LEMMON, D.M., TUNGSTEN DEPOSITS IN THE U.S.; VOL. I; UNPUBLISHED DATA, P. 205}{Deposit:: LEMMON, D.M. AND TWETO, O.L., 1962; TUNGSTEN IN THE U.S.; USGS MAP, MR-25}	6S 36E Sec. 17 MDM	37.43326999980	-118.05093000000
Shawna		Esmeralda	Fluorine-Fluorite					37.91463000030	-118.32674000000
Silver Bow		Inyo	Silver				7S 34E Sec. 15 MDM	37.33414000030	-118.23483000000
Silver Button		Mono	Silver		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 24, P. 33.}		37.86603000000	-118.38454000000
Silver Canyon Area Prospects		Inyo	Silver		White Mountains Rare Ii Area		6S 34E Sec. 32 MDM	37.39023999980	-118.26594000000
Silver Cons.	C010650	Mono	Silver			TUCKER, W. B., AND SAMPSON, R. J., 1940 , MINERAL RESOURCES OF MONO COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 36 , NO. 2 , PL. 1	2S 34E Sec. 28 MDM	37.74910999990	-118.23261000000
Silver Consolidated Mining Claims		Mono	Silver		Silver Lode 1-10; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, PLATE 1,}{Deposit:: NO. 40, P. 10; TABLE 4, NO. 40, P. 37.}		37.75963999970	-118.22483999900
Silver Hill		Inyo	Silver		White Mountains Rare Ii Area		6S 34E Sec. 08 MDM	37.43933999990	-118.27624000000
Silver King		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 23. P. 33.}	1S 32E Sec. 12 MDM	37.86962999960	-118.39904000000
Silver Mule		Mono	Silver		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 25, P. 33.}	1S 32E Sec. 14 MDM	37.86413000040	-118.40674000000
Silver Pile		Mono	Silver		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 27, P. 34.}	1S 32E Sec. 14 MDM	37.86273000000	-118.40955000000
Silver Pinon		Mono	Silver		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 34, P. 36.}	1S 32E Sec. 26 MDM	37.82712999980	-118.42093999900
Silver Prospect		Esmeralda	Silver					37.77554000030	-118.24564000000
Silver Prospect		Esmeralda	Silver		Silver Peospect			37.88132999970	-118.31404000000
Silver Queen Prospect		Inyo	Gold		Silver Queen; Birch Creek Rare Ii Area		6S 36E Sec. 28 MDM	37.39165000040	-118.02313000000
Silver Tiger - S & J Nos. 1-6		Mono	Silver		Silver Tiger-S and J Nos. 1-6; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 28, P. 34.}	1S 32E Sec. 11 MDM	37.87073000010	-118.41205000000
Six Pac		Mono	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPE-FILE REPORT 88-2, 1988,}{Deposit:: NO. 142, PLATE 2A.}	4S 35E Sec. 11 MDM	37.62023999980	-118.08423000000
South Bend Mine	M024154	Inyo	Silver		Southbend; Birch Creek Rare Ii Area; Del Masso		6S 35E Sec. 23 MDM	37.40603999970	-118.10813000100
Southern Belle	X024212	Mono	Gold	Gold		{Deposit:: CRAWFORD, J. J., 1894 , REPORT OF THE STATE MINERALOGIST: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, VOL. 12 , P. 183 .}{Deposit:: TUCKER, W. B., AND SAMPSON, R. J., 1940 , MINERAL RESOURCES OF MONO COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOL	5S 33E Sec. 36 MDM	37.46299999970	-118.31315999900
Southern Belle Mine		Inyo	Gold		Gold Wedge; Mountain Chief; Inyo Gold; Duarte Min E; Southern Bell; White Mountains Rare Ii Area; Casey Mine		6S 33E Sec. 02 MDM	37.45993999970	-118.31733999900
Space Age Prospect		Inyo	Silver		Birch Creek Rare Ii Area; Space Age		6S 36E Sec. 29 MDM	37.39185000020	-118.05203000000
Spark Plug Nos 1-2		Mono	Talc-Soapstone		Milner Creek; Colton Mine; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 61, P. 42.}{Deposit:: CALIF. JOUR. MINES AND GEOL., V. 47, NO. 2, P. 343.}{Deposit:: CALIF. DIV. MINES BULLETIN 176, P. 455.}	4S 33E Sec. 15 MDM	37.59774000000	-118.32014000100
Spohr Mine	M232007	Esmeralda				{Deposit:: CROWDER, D.F., ROBINSON, P.F., HARRIS, D.L., 1972, GEOLOGIC MAP OF THE BENTON QUADRANGLE: USGS MAP GQ-1013.}{Deposit:: ALBERS, J.P. AND STEWART, J.H., 1972, NBMG BULL 78.}{Deposit:: USBM, 1979, MILS DATA.}{Deposit:: TINGLEY, J.V., 1982, FIELD		37.90186999980	-118.33094000000
Spohr Mine		Esmeralda	Silver			{Deposit:: THIS PROPERTY IS ONE OF SEVERAL IN THE INDIAN QUEEN PROJECT.}{Deposit:: NEV BUR MINES & GEOL BULL 78, 1972, PT 2.}		37.90162999970	-118.33174000000

MINE NAME	MRDS ID	COUNTY	MAJOR COMMODITY	PRIMARY ORE MINERAL	OTHER NAMES	REFEREENCES	TOWNSHIP- SECTION- RANGE- MERIDIAN	Latitude	Longitude
Stairway Copper Nos. 1-16		Mono	Copper		Mono Copper Nos. 1-4; Stairway Copper Nos 1-16; Tide Copper Nos. 1-4; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, NO. 48,}{Deposit:: TABLE 4, P. 39, AND PLATE 1.}	3S 33E Sec. 17 MDM	37.69434000020	-118.36814000000
Starlight Prospect		Inyo	Silver		Starlight; Birch Creek Rare Ii Area		7S 36E Sec. 08 MDM	37.35464999970	-118.04453000000
Straight Canyon Area Prospects		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 68, P. 43.}	4S 33E Sec. 34 MDM	37.56104000040	-118.32284000000
Stray Dog		Inyo	Silver		Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 9, P. 13.}	7S 34E Sec. 09 MDM	37.35743999990	-118.24653000000
Sundown	M055426	Esmeralda	Mercury			NEV BUR OF MINES BULL 78, 1972, P. 67, PT. 2		37.87323000040	-118.27204000100
Sundown Prospect	M055426	Esmeralda				{Deposit:: ALBERS AND STEWART, 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA COUNTY, NEVADA: NBMG BULL. 78}{Deposit:: CROWDER, ET AL, 1973, GEOLOGIC MAP OF THE BENTON QUADRANGLE, MONO COUNTY, CALIFORNIA AND ESMERALDA AND MINERAL COUNTIES, NEVADA: USGS		37.87160000050	-118.27372000000
Target	D001042	Inyo	Tungsten	Scheelite	Victory Tungsten Syndicate	{Deposit:: LEMMON, D.M., TUNGSTEN DEPOSITS IN THE U.S., VOL. I; UNPUBLISHED DATA, P. 205-206}{Deposit:: LEMMON, D.M. AND TWETO, O.L., 1962; TUNGSTEN IN THE U.S.; USGS MAP, MR-25}{Deposit:: NORMAN, L.A. AND STEWART, R.M., 1951; MINES AND MINERAL RESOU	7S 36E Sec. 09 MDM	37.34994999980	-118.03426000000
Taylor Andalusite Deposit	M010621	Mono	Kyanite		Taylor Deposit	CALIF. STATE MINING BUR. REPORT 23, 1927, P. 401.	4S 33E Sec. 02 MDM	37.62804000020	-118.30844000000
Taylor Deposit	M010621	Mono	Kyanite	Andalusite		{Deposit:: CALIF. REPT. 23, OCT. 1927, P. 401}{Deposit:: CALIF. V. 36, NO. 2, PL. 1}	4S 33E Sec. 02 MDM	37.63021999970	-118.30233000000
Thunder Bird Group		Inyo	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 37, PLATE 2A.}	7S 36E Sec. 08 MDM	37.36024999980	-118.04562999900
Tig No. 34		Inyo	Silver		Birch Creek Rare Ii Area		7S 35E Sec. 15 MDM	37.33604999980	-118.12923000000
Tip Lode Claims		Esmeralda	Gold			{Deposit:: TIP CLAIMS EXTEND THROUGH SECS 15,16,21,22,OVERLYING SEVERAL}{Deposit:: OLDER PROSPECTS. THE POINT OD REFERENCE IS THE PORTAL OF}{Deposit:: RED TOP ADIT.}		37.92663000040	-118.29924000000
Tip Top Claims	M242131	Esmeralda	Gold	Iron	I.X.L. Claims 1-5; Tiptop Claims?; Brownie Mini	{Deposit:: LINCOLN, F.C., 1923, MINING DISTRICTS AND MINERAL RESOURCES OF NEVADA; NEVADA NEWSLETTER PUBL. CO.}{Deposit:: SNYDER, B.M., 1940, UNPUBLISHED REPORT ON PROPERTIES OF RED TOP MINING CO, ESMERALDA CO., NEV: ON FILE AT N.B.M.G.Y 89, ITEM 1.}{Depo		37.92770999980	-118.30955000000
Tip Top Mine	M233018	Mineral, Esm	Gold, Silver			{Deposit:: ROSS, D.C., 1961, GEOLOGY AND MINERAL DEPOSITS OP MINERAL COUNTY, NEVADO: NBMG BULL. 58.}{Deposit:: LINCOLN, F.C., 1923, MINING DISTRICTS AND MINERAL RESOURCES OP NEVADA: RENO, NEVADA NEWSLETTER PUBLISHING CO, P. 137-157.}{Production:: ROSS,		37.92993000040	-118.30372000000
Tip Top Mine	M242132	Esmeralda	Gold	Iron	Gold Hit Mine, Patent Survey #2618; Red Top Claims 1-4	{Deposit:: LINCOLN, F.C., 1923, MINING DISTRICTS AND MINERAL RESOURCES OF NEVADA; NEVADA NEWSLETTER PUBLISHING CO.}{Deposit:: MILS, 1979, USBM}{Deposit:: SNYDER, B.M., 1940, UNPUBLISHED REPORT ON PROPERTIES OF RED TOP MINING CO., ESMERALDA CO., NEVADA; O		37.92854000040	-118.30483000000
Tip Top Mine	M055461	Esmeralda	Silver, Gold			GALLAGHER, M. J., 1968, NEVADA MINES, MILLS, AND SMELTERS - IN OPERATION AS OF JULY 1, 1968: STATE INSPECTOR OF MINES, CARSON CITY, NEVAD		37.93020999960	-118.30650000000
Tip Top Mine		Esmeralda	Gold		February Claim	{Deposit:: USGS MIN RPT 1908 UNDER BUENA VISTA DIST.}{Deposit:: USGS MIN RPT 1912}{Deposit:: USGS MIN RPT 1915}{Deposit:: LINCOLN, F.C.,1923,MINING DISTRICTS, MIN RESOURCES OF NEVADA}{Deposit:: P140.}		37.93022999990	-118.30654000100
Trinity Claims		Inyo	Gold		Black Canyon Mine; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: AUBURY, L. E., 1902, INYO COUNTY, C	7S 34E Sec. 34 MDM	37.29825000030	-118.23153000000
Triple Canyon Prospect		Inyo	Silver		Triple Canyon; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: NO. 34, P. 18.}	7S 34E Sec. 35 MDM	37.29275000030	-118.22093000000
Tripoli	M010643	Mono	Pumice			CALIF. JOUR. MINES AND GEOL., V. 36, 1940, PLATE 1.	5S 33E Sec. 29 MDM	37.48464000040	-118.37734000000
Tripoli 199 Brownie 200	M010643	Mono	Pumice			CALIF. V. 36, NO. 2, PL.	5S 33E Sec. 29 MDM	37.48577000040	-118.37733000000
Tungstar		Inyo	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 38, PLATE 2A.}	7S 36E Sec. 07 MDM	37.35434999960	-118.06123000000
Tungsten, Gold, Silver Occurrence		Mineral	Tungsten			{Deposit:: NEV BUR OF MINES BULL 58, 1961, TB. 6.1, P 80, PT 1 AND 2}{Deposit:: USGS BULL 725-D, 1921, P. 277}		37.96662999950	-118.37875000000
Twenty Grand	C010640	Mono	Gold, Silver			{Deposit:: GOODWIN, J. G., 1957 , LEAD AND ZINC IN CALIFORNIA: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 53 , NOS. 3 & 4 , P. 569 .}{Deposit:: TUCKER, W. B., AND SAMPSON, R. J., 1940 , MINERAL RESOURCES OF MONO COUNTY: CALIFORNIA JOURNAL OF MINES AND	5S 33E Sec. 14 MDM	37.51272000010	-118.32038000000
Twenty Grand Mine		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: CALIF. JOUR. MINES AND GEOL., V. 36, 1940, P. 139-140.}{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 96, P. 49.}	5S 33E Sec. 27 MDM	37.48574000030	-118.33314000000
Unidentified Prospect Symbol	M010664	Mono	Gold				5S 35E Sec. 30 MDM	37.48577000000	-118.17649000000
Unnamed Diatomaceous Earth Prospe	M233014	Mineral	Diatomite	Diatomaceous Earth		ROSS, D.C., 1961, GEOLOGY AND MINERAL DEPOSITS OF MINERAL COUNTY, NEVADA: NBMG BULL. 58		38.00825999980	-118.26650000000
Unnamed Fluorspar Deposit	M233016	Mineral	Fluorine-Fluorite	Fluorite		ROSS, D.C., 1961, GEOLOGY AND MINERAL DEPOSITS OF MINERAL COUNTY, NEVADA: NBMG BULL. 5		37.95186999980	-118.33122000000
Unnamed Gravel Pit	M035534	Mineral	Sand and Gravel, Construction					38.01604000020	-118.25650000000
Unnamed Mercury Occurrence	M055518	Mono	Mercury		Mercury Occurrence	CALIF. DIV. MINES AND GEOL. BULLETIN 189, 1966, P. 149.	2S 33E Sec. 32 MDM	37.72434000000	-118.36033999900
Unnamed Mine	M035536	Mineral	Diatomite	Diatomaceous Earth				38.00159999980	-118.26011000000
Unnamed Mine	M035538	Mineral	Diatomite	Diatomaceous Earth				38.00909999960	-118.26677000000
Unnamed Occurrence	M055518	Mono				MURDOCK, JOSEPH, AND WEBB, R. W., 1966, MINERALS OF CALIFORNIA...CENTENNIAL VOLUME (1866 - 1966): CDMG BULL. 189	2S 33E Sec. 32 MDM	37.72437999990	-118.36038000000
Unnamed Prospect		Inyo	Silver		Silver Occurrence; Birch Creek Rare Ii Area		7S 35E Sec. 11 MDM	37.36135000030	-118.09953000000
Unnamed Prospect		Inyo	Lead		Lead Occurrence; Birch Creek Rare Ii Area		6S 35E Sec. 30 MDM	37.40213999960	-118.17673000000
Unnamed Prospect		Inyo	Gold		Birch Creek Rare Ii Area; Gold Occurrence		7S 35E Sec. 01 MDM	37.37575000000	-118.09423000000
Unnamed Prospect		Mono	Gold		Unknown 34,5,36; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 125, P. 54.}	5S 36E Sec. 34 MDM	37.46774000030	-118.01423000000
Unnamed Prospect		Mono	Gold		Silver-Gold Occurrence; White Mountains Rare Ii Area	{Deposit:: U.S. BUR., MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 122, P. 54.}	5S 36E Sec. 19 MDM	37.49434000040	-118.07453000000
Unnamed Prospect		Mono	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 3, PLATE 2A.}	5S 37E Sec. 31 MDM	37.47803999960	-117.95173000000
Unnamed Prospect		Inyo	Silver		Birch Creek Rare Ii Area; Gold Occurrence		7S 35E Sec. 18 MDM	37.33324999990	-118.17533000100
Unnamed Prospect		Inyo	Copper		Birch Creek Rare Ii Area; Gold Occurrence		7S 35E Sec. 02 MDM	37.37355000030	-118.09813000000
Unnamed Prospect		Inyo	Silver		Silver Occurrence; Birch Creek Rare Ii Area		7S 35E Sec. 19 MDM	37.32715000020	-118.17283000000
Unnamed Prospect		Inyo	Silver		Birch Creek Rare Ii Area; Silver Occurrence		7S 35E Sec. 02 MDM	37.36554999990	-118.09953000000
Unnamed Prospect		Mono	Gold		Unknown 20,5,36; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 122, P. 54.}	5S 36E Sec. 20 MDM	37.49354000040	-118.05123000000
Unnamed Prospect		Inyo	Tungsten		Tungsten Occurrence; Birch Creek Rare Ii Area		6S 35E Sec. 33 MDM	37.38884000020	-118.13983000000
Unnamed Prospect		Mono	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 144, PLATE 2A.}	5S 36E Sec. 22 MDM	37.50553999960	-118.00653000000
Unnamed Prospect		Mono	Silver		Unknown 18,5,34; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 88, P. 47.}	5S 34E Sec. 18 MDM	37.51104000000	-118.28094000000
Unnamed Prospect		Mono	Silver		Unknown 13,5,34; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 91, P. 48.}	5S 34E Sec. 13 MDM	37.51684000000	-118.20174000000
Unnamed Prospect		Mono	Silver		Unknown 23,1,32; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 32, P. 35.}	1S 32E Sec. 23 MDM	37.84433000010	-118.41654000000
Unnamed Prospect		Inyo	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 16, PLATE 2A.}	6S 37E Sec. 18 MDM	37.43135000020	-117.95033000000
Unnamed Prospect		Inyo	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 17, PLATE 2A.}	6S 36E Sec. 13 MDM	37.42885000030	-117.97512999900
Unnamed Prospect		Inyo	Gold		Silver Occurrence; Birch Creek Rare Ii Area		7S 35E Sec. 19 MDM	37.32714999990	-118.17533000000
Unnamed Prospect		Inyo	Gold		Unknown 18,6,34; White Mountains Rare Ii Area		6S 33E Sec. 13 MDM	37.42553999990	-118.29984000000
Unnamed Prospect		Mono	Gold			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 147, PLATE 2A.}	5S 36E Sec. 24 MDM	37.50133999960	-117.98483000000
Unnamed Prospect		Inyo	Silver			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 10, PLATE 2A.}	6S 36E Sec. 14 MDM	37.43434000030	-117.98953000000
Unnamed Prospect		Inyo	Gold		White Mountains Rare Ii Area; Unknown 13/24,6,33		6S 33E Sec. 24 MDM	37.41883999970	-118.30564000000
Unnamed Prospect		Inyo	Gold		Birch Creek Rare Ii Area; Gold Occurrence		7S 35E Sec. 02 MDM	37.37355000030	-118.09813000000
Unnamed Prospect		Inyo	Silver		Silver Occurrence; Birch Creek Rare Ii Area		7S 33E Sec. 24 MDM	37.32494000020	-118.30783999900
Unnamed Prospect		Mono	Gold		Gold Occurrence; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 120, P. 53.}	5S 36E Sec. 15 MDM	37.50964000010	-118.00703000000
Unnamed Prospect		Inyo	Gold		Silver Occurrence; Birch Creek Rare Ii Area		7S 35E Sec. 02 MDM	37.36664999990	-118.09813000000
Unnamed Prospect		Inyo	Gold		White Mountains Rare Ii Area; Unknown 21,6,34; Barite Prospect	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 113, P. 52.}	6S 34E Sec. 21 MDM	37.41713999980	-118.25784000000
Unnamed Prospect		Inyo	Silver		Silver Lead Occurrence; Birch Creek Rare Ii Area		7S 35E Sec. 10 MDM	37.35684999990	-118.12483000000
Unnamed Prospect		Inyo	Gold		Silver Occurrence; Birch Creek Rare Ii Area		7S 35E Sec. 01 MDM	37.37135000040	-118.09483000000
Unnamed Prospect		Inyo	Gold		Unknown 9-11,6,36; Gold Prospect; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 129, P. 55.}	6S 36E Sec. 09 MDM	37.44464000030	-118.02703000100
Unnamed Prospect		Inyo	Silver		White Mountains Rare Ii Area; Unknown 7, 6, 34		6S 34E Sec. 07 MDM	37.43854000030	-118.29264000000
Unnamed Prospect		Mono	Silver		Unknown 3,5,36; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 115, P. 53.}	5S 36E Sec. 03 MDM	37.53713999970	-118.01033000000
Unnamed Prospect		Mono	Gold		White Mountains Rare Ii Area; Unknown 15,5,36	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 120, P. 53.}	5S 36E Sec. 15 MDM	37.50913999990	-118.00813000000
Unnamed Prospect		Mono	Copper		Unknown 2,5,33; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 76, P. 45.}	5S 33E Sec. 02 MDM	37.54384000020	-118.33124000000
Unnamed Prospect		Mono	Silver			{Deposit:: CALIF. DIV. MINES AND GEOL. OPEN-FILE REPORT 88-2, 1988,}{Deposit:: NO. 145, PLATE 2A.}	5S 36E Sec. 22 MDM	37.50683999970	-118.00902999900
Unnamed Prospect Fluorine	M232008	Mineral				{Deposit:: ROSS, D.C., 1961, GEOLOGY AND MINERAL DEPOSITS OF MINERAL COUNTY, NEVADA: NEV. BUR. OF MINES AND GEOL., BULL. 58, P. 80.}{Deposit:: CROWDER, D.F., ROBINSON, P.F., HARRIS, D.L., 1972, GEOLOGIC MAP OF THE BENTON QUADRANGLE: USGS MAP GQ-1013.}		37.94909999980	-118.32455000000

MINE NAME	MRDS ID	COUNTY	MAJOR COMMODITY	PRIMARY ORE MINERAL	OTHER NAMES	REFEREENCES	TOWNSHIP- SECTION- RANGE- MERIDIAN	Latitude	Longitude
Unnamed Prospect Tungsten	D001280	Mineral		Fluorite, Molybdenite, Scheelite		{Deposit:: LEMMON, D.M., UNPUBLISHED DATA.}{Deposit:: LEMMON, D.M., AND TWETO, O.L., 1962, TUNGSTEN IN THE U.S., USGS MAP, MR-25.}{Deposit:: ROSS, D.C., 1961, GEOLOGY AND MINERAL DEPOSITS OF MINERAL COUNTY, NEVADA: NEV. BUREAU OF MINES AND GEOL., BULL. 5		37.95992999960	-118.36956000000
Unnamed Prospects	M035537	Mineral	Diatomite	Diatomaceous Earth				38.00326000020	-118.27038000000
Unnamed Silver Occurrence		Inyo	Gold		Silver Occurrence; Birch Creek Rare Ii Area		7S 35E Sec. 09 MDM	37.35995000030	-118.13703000000
Unnamed Tungsten Deposit	M233015	Mineral	Tungsten	Scheelite		ROSS, D.C., 1961, GEOLOGY AND MINERAL DEPOSITS OF MINERAL COUNTY, NEVADA: NBMG BULL. 58		37.96660000030	-118.36651000000
Upper Albert Mine	M242122	Esmeralda	Lead, Silver	Galena		TINGLEY, J.V., 1982, FIELD EXAMINATION OF 13 AUGUST 198		37.90159999980	-118.33344000000
Ursi Major Prospect		Inyo	Gold		Ursi Major; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061) INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 8, P. 14.}	7S 34E Sec. 09 MDM	37.35914000020	-118.25623000000
Valley View Prospect		Mineral	Fluorine-Fluorite			{Deposit:: NEV BUR OF MINES REPORT 1, 1961, P. 15}{Deposit:: MINOBRAS: NEV IND MIN (1973) P 30}{Deposit:: NEV BOR OR MINES RPT. 1, 1961, P. 15}{Deposit:: USGS BULL 540, 1914, P. 351, 354-355}		37.93773000010	-118.33654000000
Vanderburg		Inyo	Copper				7S 34E Sec. 15 MDM	37.34324000040	-118.22813000000
Vulcan Prospect		Inyo	Gold		Vulcan; Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 32, P. 18.}	7S 34E Sec. 35 MDM	37.29355000010	-118.21903000000
Wall Door		Mineral	Gold			{Deposit:: USBM, WFOC, MINERAL PROPERTY FILE 0320210517}{Deposit:: SEE ALSO 0320210518 AND 0519}		37.90413000010	-118.37594000100
Wall Door		Mineral	Gold					37.90553000030	-118.37674000000
Waterfall Prospect	M024153	Inyo	Gold	Gold, Pyrite		KNOPF, ADOLPH, 1918, INYO RANGE AND THE EASTERN SLOPE OF THE SOUTHERN SIERRA NEVADA, CALIF: US GEOLOGICAL SURVEY PROFESSIONAL PAPER NO. 110, P. 11	7S 36E Sec. 07 MDM	37.35438999980	-118.06176000000
Waterfall Prospect		Inyo	Fluorine-Fluorite		Waterfall; Birch Creek Rare Ii Area	{Deposit:: KNOPF, A., 1914, MINERAL RESOURCES OF THE INYO AND WHITE}{Deposit:: MOUNTAINS, CALIFORNIA: U. S. GEOLOGICAL SURVEY BULLETIN 540,}{Deposit:: P. 113-114.}{Deposit:: U. S. GEOLOGICAL SURVEY PROF. PAPER 110, 1918, NO. 418.}{Deposit:: CALIF. JOUR.	7S 35E Sec. 02 MDM	37.37524999970	-118.09783000000
Wedge Nos. 1-8		Mono	Gold		Wedge Nos 1-8; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 116, P. 53.}	5S 36E Sec. 10 MDM	37.52883999980	-118.00843000000
Westgard	W023786	Inyo	Lead, Silver	Galena	Chalmers	{Deposit:: GOODWIN, J. G., 1957 , LEAD AND ZINC IN CALIFORNIA; CALIF. JOUR. MINES AND GEOLOGY, VOL. 53 , NO. 3 & 4 ; DIV. OF MINES, P. 522}{Deposit:: TUCKER, W. B. AND SAMPSON, R. M., 1938 , MINERAL RESOURCES OF INYO COUNTY; CALIF. JOUR. MINES AND GEO	7S 35E Sec. 14 MDM	37.34245000010	-118.11010000000
Westgard	W023786	Inyo	Lead		Chalmers; Gibralter; Wynne and Ward Mine; Birch Creek Rare Ii Area		7S 35E Sec. 14 MDM	37.34305000010	-118.11152999900
Westgard Prospect		Inyo	Lead		Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 41, P. 19.}	8S 35E Sec. 05 MDM	37.28325000030	-118.16343000000
Wheeler Ridge Mine	W023824	Inyo	Tungsten		Wheeler Ridge Pit and Mill		6S 35E Sec. 04 MDM	37.46244000040	-118.14593000000
White Cloud		Mineral	Gold					37.89663000050	-118.38424000100
White Gull		Inyo	Pumice		Gunter Canyon Area Pumice Deposits; White Mountains Rare Ii Area		6S 34E Sec. 18 MDM	37.42933999970	-118.29014000000
White Mountain Barite	M010660	Mono	Barium-Barite			{Deposit:: CALIF. DIV. MINES MINERAL INFORMATION SURVEY., V. 16,}{Deposit:: NO. 10, 1963, P. 4.}	5S 34E Sec. 28 MDM	37.49164000020	-118.24734000000
White Mountain Copper Nos. 1-2		Mono	Copper		White Mountain Copper Nos 1-2	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 67, P. 43.}	4S 33E Sec. 28 MDM	37.56464000000	-118.34174000000
White Mountains Deposit	M010660	Mono	Barium-Barite	Barite		DOM MIN. INF. SVCE, V. 16, NO. 10, 1963, P.	5S 34E Sec. 33 MDM	37.47132999990	-118.24955000000
White Mountains Rare Ii Area		Inyo	Silver		High Bar		6S 36E Sec. 10 MDM	37.43854000020	-118.00593000000
White Mountains Rare Ii Area		Mono	Gold		Mohawk	{Deposit:: U.S. BUREAU OF MINES OPEN FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 73, P. 44.}	4S 33E Sec. 34 MDM	37.55214000040	-118.33424000000
White Phantom Claims	M010662	Mono	Tungsten			INDEX OF DMEA REPORTS (CALIFORNIA-NEVADA), DMA NO. 4468, P. 2	4S 35E Sec. 16 MDM	37.60160999980	-118.11843000100
White Phantom Claims		Mono	Tungsten		White Phantom; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 58, P. 41.}	4S 35E Sec. 16 MDM	37.60464000030	-118.10953000100
White Rock		Inyo	Gypsum-Anhydrite		Black Canyon Rare Ii Area	{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061), INYO COUNTY,}{Deposit:: CALIFORNIA: U. S. BUREAU OF MINES OPEN-FILE REPORT MLA 85-83,}{Deposit:: TABLE 2, NO. 1, P. 13.}	6S 34E Sec. 29 MDM	37.39663999990	-118.26154000000
Whittier		Inyo	Lead				7S 36E Sec. 15 MDM	37.33915000040	-118.01093000000
Wild Rose		Mineral	Mercury		Mt Montgomery; Starlight Group; Red Rose	{Deposit:: THE WILD ROSE MINE IS OVERLAIN BY THE STARLIGHT CLAIM GROUP.}{Deposit:: TWO TRENCHES IN THIS GROUP WERE POSTED AS KELLY 201.}{Deposit:: NEV BUR MINES BULL. 58, 1961, P75, TB6.1}{Deposit:: NEV BUR MINES BULL. 41, 1944, P74, PL.1}{Deposit:: USBM		37.93302999970	-118.29844000000
Wild Rose Mine	M055036	Mineral	Mercury	Cinnabar	Mt. Montgomery; Red Rose; Starlight Group	{Deposit:: BAILEY, E. H., U. S. GEOLOGICAL SURVEY, PERSONAL FILES}{Deposit:: BAILEY AND PHOENIX, 1944, QUICKSILVER DEPOSITS IN NEVADA: NBMG BULL. 41}{Deposit:: CROWDER, ET AL, 1973, GEOLOGIC MAP OF THE BENTON QUADRANGLE, MONO COUNTY CALIFORNIA AND ESMERA		37.93326000040	-118.30622000000
Wild Rose Mine	M242134	Esmeralda	Mercury	Cinnabar	Mt. Montgomery; Red Rose; Starlight Group	{Deposit:: BAILEY, E.H., AND PHOENIX, D.A., 1944, QUICKSILVER DEPOSITS IN NEVADA; UNIV. NEV. BULL. VOL. 38, NO. 5; GEOL. & MIN. SER. NO. 41}{Deposit:: ALBERS, J.P., AND STEWART, J.H., 1972, GEOLOGY AND MINERAL DEPOSITS OF ESMERALDA CO; N.B.M.G. BULL. 78.		37.93382000020	-118.30677000000
Wild Rose Mine	M233017	Mineral	Mercury	Cinnabar	Starlight Group; Mt. Montgomery; Red Rose	{Deposit:: ROSS, D.C., 1961, GEOLOGY AND MINERAL DEPOSITS OF MINERAL COUNTY, NEVADA: NBMG BULL. 58.}{Deposit:: BAILEY, E.H., AND PHOENIX, D.A., 1944, QUICKSILVER DEPOSITS IN NEVADA: NEVADA UNIV. BULL., V. 38, NO. 5, GEOLOGY AND MINING SER. NO. 41.}{Prod		37.93299000020	-118.30594000000
Wild Rose Mine	M055036	Esmeralda	Mercury		Mt. Montgomery	USGS CRIB NO. MO55036		37.93322999980	-118.30624000000
Wildhorse		Esmeralda	Gold					37.88633000000	-118.28424000000
Wooley Mine	M024150	Inyo	Gold	Gold		CRAWFORD, J.J., 1894, GOLD-INYO COUNTY: CALIFORNIA JOURNAL OF MINES AND GEOLOGY, V. 12, P. 140-14	7S 34E Sec. 09 MDM	37.34800000040	-118.24732000000
X Prospect		Inyo	Silver		Birch Creek Rare Ii Area		7S 35E Sec. 15 MDM	37.34104999960	-118.11983000000
X-Ray Mine	M024152	Inyo	Gold	Gold		{Deposit:: KNOPF, ADOLPH, 1918, INYO RANGE AND THE EASTERN SLOPE OF THE SOUTHERN SIERRA NEVADA, CALIF: U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER NO. 110, P. 12}{Production:: KNOPF. (1918)}	7S 34E Sec. 09 MDM	37.34994000040	-118.24787000000
X-Ray Mine	M024152	Inyo	Gold		Little Gem; X-Ray; Black Canyon Rare Ii Area	{Deposit:: U. S. GEOLOGICAL SURVEY BULLETIN 540, 1912, P. 114-115.}{Deposit:: U. S. GEOLOGICAL SURVEY PROF. PAPER 110, 1918, P. 120.}{Deposit:: RAINS, R. L., AND OTHERS, 1983, MINERAL INVESTIGATION OF THE}{Deposit:: BLACK CANYON RARE II AREA (NO. 5061),	7S 34E Sec. 09 MDM	37.34993999960	-118.24783000000
Z and S Mine		Mono	Gold		Z and S Mine Tramway Z and S Mine; White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 87, P. 47.}	5S 34E Sec. 18 MDM	37.50934000020	-118.28984000000
Zisiszit		Mono	Gold		White Mountains Rare Ii Area	{Deposit:: U.S. BUREAU OF MINES OPEN-FILE REPORT MLA 94-83, 1983, TABLE 4,}{Deposit:: NO. 118, P. 53.}	5S 36E Sec. 16 MDM	37.51274000010	-118.02373000000

TABLE 2
WHITE MOUNTAINS PRINCIPAL MINES
GRADES AND RESERVES

MINE NAME	COMMODITES	GRADES	RESERVES	Ave. Grade	Commodity price/ton	Gross value
Industrial Mineral Mines						
Champion	Andalusite	53%	250,000 tons	53%	$150	$19,875,000
Colton	Soapstone	100%	1.2 million tons	100%	$50	$60,000,000
Gunter Canyon	Pumice	100%	9.6 million tons	100%	$15	$144,000,000
Pacific Mine	Sericite	100%	630,000 tons	100%	$60	$37,800,000
Metallic Mines						
Sacramento	Au, Ag, Cu	0.47 oz gold per ton, 0.3 oz silver per ton, and 0.56 percent copper	5,500 tons	0.47	$1,000	$2,585,000
Moulas	Au, Ag	0.23 oz gold and 0.2 oz silver per ton	22,000 tons	0.23	$1,000	$5,060,000
Indian Queen-Poorman	Ag	2.0 oz/ton	170,000 tons	2.00	$50	$17,000,000
Green Monster	Ag, Zn, Pb	17 oz silver per ton, 4.0 percent zinc, and 0.73 percent lead	2,600 tons	17.00	$50	$2,210,000
Saratoga-Lexington-Ranger	Au, Ag	0.41 oz gold per ton, and 0.54 oz silver per ton	1,600 tons	0.41	$1,000	$656,000
Eva Belle	Au, Ag	0.13 oz. gold per ton, 1.2 oz. silver per ton, 1.0 percent lead, 0.17 percent zinc, and 0.11 percent copper	7,000 tons	0.13	1000	$910,000