

## Mines & Mining Collection

*c. 1888-1998 (bulk of collection from 1940s to 1980s)*

*339 textual records, 137 photos and 2 maps | .5 linear feet | One box*

Mining has been a part of Corona's history since 1859 when Daniel Sexton and W.W. Jenkins discovered the Temescal Tin Mines sometimes referred to as Cajalco Tin Mines. Litigation over the title of the Tin Mine occurred between 1860 and 1868 which had an impact on investment in the mine. The mine went through several owners between 1860 and 1894. In 1894, the Temescal Tin Mines ceased operations. Instead, the company who owned the Tin Mines, San Jacinto Land Company turned their focus from mining to agriculture. In 1888, the Temescal Rock Quarry was opened to furnish rock for macadamizing streets in Los Angeles and nearby towns (California Division of Mines, Bulletin 178, p.93). By 1914 the quarry was owned by Temescal Rock Company which produced ballast rock for building railroads. (California Division of Mines, Bulletin 178, p.93). By 1920, Blue Diamond Materials Company from Los Angeles had purchased the mine and used the "porphyry" for building aggregate and road metal. At the time, mining was done by tunnel or coyote method. Blue Diamond Materials Co. kept the plant active until it was destroyed by fire in 1927. It remained idle until 3M Minnesota Mining and Manufacturing Company purchased the plant in 1941. In 1948, 3M manufacturing of roofing granules for the asphalt shingle industry started and continues to the present day.

The majority of the collection contains photos of Blue Diamond Mining activities. The February 18, 1958 coyote blast plans are included in the collection. Newspaper, magazine and journal articles concerning mining in the area are part of the collection. This includes information on the Temescal Tin Mining operations-reports written on in 1888 on the viability of tin being found in the mines and articles written in *The California Mining Journal* questioning the reasoning behind not actively mining the tin found in the Temescal Valley. The information included in the collection describes the controversy surrounding mines and mining in the Temescal Valley area. Publications from the California Division of Mines and Geology related to mining and mining regulations are included in this collection. The majority of the collection covers the 1940s to 1980s.

**Shelving Location:** A-5

### Repository:

Corona Public Library  
W.D. Addison Heritage Room  
650 S. Main Street  
Corona, CA 92882  
(951) 279-3593

[Heritage.Room@CoronaCA.gov](mailto:Heritage.Room@CoronaCA.gov)

<https://history.coronapubliclibrary.org/>

**Access:** Call or email to verify Heritage Room hours or to schedule a research appointment. Manuscript items open, no restrictions.

Gifts of Ron Belschner, 3M Plant Manager, Patrick Dwyer and Janet MacMillan Renfro.

Inventory:

Call Number	Folder	Description of Records	Leaves
M006/1	1	Finding Aid & Accession Records	11
<b>Series 1</b>		<b>Minnesota Mining &amp; Manufacturing</b>	
M006/1	2	Originally included in loose-leaf folder, photocopy of black and white 8" x 11" photo showing entrance to tunnel and surrounding area. On back of photo is written B70 26-28	13
		Originally included in loose-leaf folder, photocopy of black and white 8" x 11" photo shows two workmen putting charges in tunnel. On back of photo is written B7026-25	
		Originally included in loose-leaf folder, photocopy of black and white 8" x 11" photo of surrounding area before blast. On back of photo written B7026-58.	
		8" x 11" black and white map of Coyote Blast Number 8, February 18, 1958. Approximately scale 1"=60' shows where blast charges were set.	
		8" x 11" black and white table of recap of tunnel loads, March 11, 1958.	
		8" x 11" black and white table of T1-Left Loading Detail, March 11, 1958.	
		8" x 11" black and white table of T1-Right Loading Detail, March 11, 1958.	
		8" x 11" black and white table of T2-Left Loading Detail March 11, 1958.	
		8" x 11" black and white table of T2-Right Loading Detail March 11, 1958.	
		8" x 11" black and white table of T3-Left Loading Detail March 11, 1958.	
		8" x 11" black and white table of T3-Right Loading Detail March 11, 1958.	
		8" x 11" black and white diagrammatic sketch of Coyote Portal area. Approximately scale 1"=10' February 5, 1958	
		13.25" x 17" Trailer Data Chart 3M's Quarry Date: January 30 to February 7 year unknown.	
		3	
<b>Series 2</b>		<b>Newspaper and Periodical Articles</b>	
M006/1	4	<i>Corona Daily Independent</i> Wednesday, February 19, 1958 "Mountain Face Lifted" about the blast. <i>The Daily Enterprise</i> , Wednesday, February 19, 1958 "Planned Blast Moves Face of Mountain." about blast. <i>Riverside Daily Press</i> , Wednesday February 19, 1958 "Planned Blast Moves Mountain's Face".	7

	5	<i>Riverside Daily Press</i> article "A Hearty Welcome" April 24, 1891 article about President Benjamin Harrison visiting Corona to see the tin deposits (stacked in front of the train platform). Article has quote of what Harrison said to the audience.	1
	6	<i>Southern California Quarterly</i> , Volume LXVII, No.1 Spring, 1985. "Temescal Tin Fiasco" about the Temescal Tin Mine once located in the Temescal Valley.	25
	7	<i>California Division of Mines</i> "Geology of the Corona South Quadrangle and the Santa Ana Narrows Area and Mines and Mineral Deposits of the Corona South Quadrangle" Bulletin 178, 1961. Article about mining history in the Corona South Quadrangle.	4
	8	<i>The Corona Story</i> , July, 1954 article "Minnesota Mining and Manufacturing Company" short article of the history of Minnesota Mining and Manufacturing Company	1
	9	<i>California Mining Journal</i> , January, 1945, page 29 article "Mineralogist declares Riverside's Mineral Wealth Amazing." Article hypothesizes that there may be gold, tungsten and tin in Riverside County.	32
	10	<i>California Mining Journal</i> , February, 1945, page 26 and 27 "Elmer Dunn Stirs Interest in Riverside Mine Resources" and " 'No Tin' Decision for Riverside County to Be Set Aside" articles stir the pot as to why the state refuses to consider Riverside Co. for tin mining.	32
	11	<i>California Mining Journal</i> , March, 1945. Page 25 article about Temescal Tin mine and why it failed to materialize "Did Metals Reserve Sabotage the Temescal Tin Project?"	32
	12	Typewritten passage referring to Blue Diamond Plaster Company and mining operations in Temescal Canyon pages 558-559 and 565-566 in <i>San Bernardino and Riverside Counties Volume 1</i> published by the Western Historical Association, 1922.	1
	13	<i>Moments with Management</i> newsletter of the 3M Corona Company, circa 1968-69	1
<b>Series 3 Reports</b>			
M006/1	14	Report from E.N. Robinson providing a brief history of the tin mining property; of the mineral conditions of the tin district covering a period of 20 years; and an estimation of costs that would be incurred to improve the property to develop it into a mining district. Report has no date but was written before 1893 as Temescal Canyon is still referred to in the report as part of the San Bernardino County.	28
	15	Report from Captain Charles Craze dated June, 1888 reporting on the location of the tin mine and providing his favorable opinion as to the wealth of the tin mine.	10
	16	Report of Henry Mathey, M.E. dated November 4, 1889 in which he reports on the location of the mine, provides results of his sample testing and reports on other minerals that could possibly be found in the mine (copper and gold). His report was favorable as to the potential of the mine.	26
<b>Series 4 Correspondence</b>			

M006/1	17	<p>Letter dated March 13, 1945 from Reynolds Metals Company to Mr. Daniel Dwyer asking questions about the tin ore site;</p> <p>Letter dated March 14, 1945 from R.S. Reynolds, President of Reynolds Metal Company to Mr. Daniel I. Dwyer informing him information regarding the property Mr. Dwyer owns has been forwarded to experts at the company;</p> <p>Letter dated March 16, 1945 from R.S. Sherwin asking for more information about the tin mine operations;</p> <p>Letter dated March 22, 1945 from George W. Bryant to Mr. Daniel I. Dwyer giving a Mr. Davidson permission to turn over the map of the surrounding of the Cajalco Tin Deposit;</p> <p>Letter dated March 23, 1945 from George W. Bryant to Wells F. Anderson at Reynolds Metals Company outlining the location, history, geology, metallurgy, title and ownership of the mine;</p> <p>Letter dated March 25, 1945 from George W. Bryant to Daniel I. Dwyer clarifying a phone conversation the two had at an earlier date in regards to combining the extraction of purified aluminum oxide with that of producing good tin concentrates;</p> <p>Letter dated March 25, 1945 from George W. Bryant to Daniel I. Dwyer stating plans to mail summarized description of Cajalco Tin Deposit to Wells F. Anderson included analysis of the mine material in a report done by Ledoux &amp; Co.;</p> <p>Letter dated April 5, 1945 from R.S. Sherwin at Reynolds Metals Company to Daniel I. Dwyer asking for an analysis of the tailings and details about the process Dwyer proposes to use for purification of the alumina;</p> <p>Letter dated April 10, 1945 from George W. Bryant to Daniel Dwyer stating George received a reply from Wells F. Anderson saying they wish to have their chief geologist look at George's report;</p> <p>Letter from Patrick D. Dwyer (Daniel I. Dwyer's son) dated January 22, 1998, stating that what was once the mine is now part of Lake Mathews. Los Angeles Metropolitan Water Company and mine landowners went to court. According to Daniel, the mine was never revived.</p>	23
M006/1	18	Letter dated March 2, 1982 to Ron Belschner, Plant Manager 3M Minnesota Mining and Manufacturing requesting mining ephemera for inclusion in the Heritage Room collection	2
<b>Series 5</b>		<b>Miscellaneous</b>	
M006/1	19	Notarized interest in Pelican Gold mining claim located in the Alberhill Mining District. Dated June 8, 1937	2
	20	Black & white photocopies of photographs donated by Ron Belscher	55
	21	Black & white photocopies of photographs donated by Malcolm MacMillan	68

**Mines & Mining Collection**  
1924-1983

**Item List of Relocated**

<b>Location</b>	<b>Resource ID</b>	<b>Description</b>	<b>Item Type</b>
Mapcase	B-5-4-4	Map of Riverside County showing sections, townships, ranch lines and topography. Compiled by A.C. Fulmor, County Surveyor, from the latest official and private surveys 1942. Shows State Route #18, "Cajalco and "Black Rock" deposits.	Map
Mapcase	B-5-4-5	Black and white aerial map 22" x 3' 8" May 1972. Shows mountains, buildings, roads of the 3M mining quarry.	Aerial Photo
Photograph Drawers	IND-min-025	Black and white 4 7/8" x 3.75" 4 men standing in front of dynamite. Photo taken by Malcolm MacMillan	Photo
Photograph Drawers	IND-min-031a	Black and white 4 7/8" x 3.75" 6 men at Blue Diamond Mine. First man in front superintendent. They are standing at the tunnel entrance. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-033	Black and white 4 7/8" x 3.75" eight men leaning on railroad engine #1983. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-034	Black and white 4 7/8" x 3.75" Six men leaning on a car. Circa 1925. Blue Diamond Mines. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-035	Black and white 4 7/8" x 3.75" on back of photo written "1st man supt. Tunnel ent" 6 men at Blue Diamond mines. Photo taken by Malcolm MacMillan	Photo
Photograph Drawers	IND-min-041	Black and white 4 7/8" x 3.75" eight men leaning on railroad engine #1983	Photo
Photograph Drawers	IND-min-042	Black and white 4 7/8" x 3.75" on back of photo written " Engrs. Supt. Office Mgr. Jones Pres. Of Co 1925" Photo taken by Malcolm MacMillan	Photo
Photograph Drawers	IND-min-046	Black and white 4 5/8" x 3.75" on back of photo written "B.D. Quarry 1925 Jones on right" Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-048	Black and white 3.75" x 4 5/8" on back of photo written "Quarry floor B.D." Loading the railroad cars with rock. Photo taken of Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-058	Black and white 3.75" X 4 5/8" on back of photo written "Trucking Crew for local sales". Woman part of the crew. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-060	Black and white 3.75" x 4 5/8" circa. 1925 19 men and a boy in photo. Possibly Blue Diamond crew members? Photo taken by Malcolm MacMillan	Photo
Photograph Drawers	IND-min-071	Black and white 3.75" x 4 5/8" on back of photo written "Drilling coyote tunnels for dynamite 1925-26 120 degrees inside." Photo taken by Malcolm MacMillan	Photo
Photograph Drawers	IND-min-075	2.5" round cut out of steam shovel	Photo
Photograph Drawers	IND-min-077	Black and white 3.75" x 4 5/8" on back of photo written "Railroad tracks to bring rock to crusher". Photo taken by Malcolm	Photo

		MacMillan	
Photograph Drawers	IND-min-078	Black and white 3.75" x 4/58" 9 men working at building on Blue Diamond quarry. Photo taken by Malcolm MacMillan	Photo
Photograph Drawers	IND-min-079	Black and white 3.75" x 4/58" circa 1925 blasting at Blue Diamond Mine	Photo
Photograph Drawers	IND-min-080	Black and white 2" X 2 3/4" supt. Jones at desk at Quarry Blue Diamond Mine, April, 1926. Photo taken by Malcolm MacMillan	Photo
Photograph Drawers	IND-min-081	Black and white 2" x 2 3/4" 1926 desk and dresser in office of Blue Diamond Mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-082	Black and white 3.5" x 4.75" on back of photo written: "In front of old Del Rey Hotel-sixth Street Corona. Pres. Of Co. & other officers. 2nd from left: Jones, Mgr. Quarry 4th from right: Arleigh Browning shovel operator Quarry" circa 1925" Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-083	Black and white 3.75" x 4 5/8" shovel loading rocks January 6, 1924. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-084	Black and white 3.5" x 4.75" equipment at Blue Diamond Mine-shovel. December 27, 1923. Photo taken by Malcolm MacMillan	Photo
Photograph Drawers	IND-min-085	Black and white 3.5" x 4.75" Shovel at Blue Diamond Mine 1924. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-086	Black and white 3.25" x 4 5/8" shovel at Quarry 1924. Photo taken by Malcolm MacMillan	Photo
Photograph Drawers	IND-min-087	Black and white 3 7/8" x 5 3/8" circa 1925 crew at Blue Diamond Mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-088	Black and white 3.75" x 4 5/8" circa 1925 men and dynamite at tunnel entrance. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-089	Black and white 3.75" x 4 5/8" August, 1926 dynamite blast at Blue Diamond Mind. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-090	Black and white 3.75" x 4 5/8" flood at Blue Diamond Mine, February 16, 1927. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-091	Black and white 3.75" x 4 5/8" August, 1926 dynamite blast at Blue Diamond Mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-092	Black and white 3 3/8" x 4 3/4" circa 1925 buses at Blue Diamond Mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-093	Black and white 3.75" x 4 5/8" August 1926. Slope at Blue Diamond. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-094	Black and white 3.75" x 4 5/8" August 1926. Supt. And crew at Black Diamond Mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-095	Black and white 3.75" x 4 5/8" August 1926. Supt. And 3 others at tunnel entrance. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-096	Black and white 3.75" x 4 5/8" circa 1925 written on back of photo: "rattlesnake, killed on quarry floor a few days after big blast. Note headlines on papers under snake souvenir. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-097	Black and white 3.75" x 4 5/8" circa 1925 written on back of photo: "Mr. Allen, 6' tall, holding the rattlesnake killed on quarry floor a few days after the big blast. Snake at least 6' long and weighted 15-20 lbs. - don't remember how many 'rattles'."	Photo
Photograph Drawers	IND-min-098	Black and white 3.75" x 4 5/8" April, 1924 blasting at Blue Diamond Mine. Photo taken by Malcolm MacMillan.	Photo

Photograph Drawers	IND-min-099	Black and white 3.75" x 4 5/8" February 15, 1927 written on back of photo: "Lake Elsinore overflowed, broke dam at Alberhill, down thru Temescal Canyon. RR tracks and bridges out- East end Corona, no bridge over Santa Ana R-out, Prado under water- Corona isolated several days." Photo taken by Malcolm Macmillan.	Photo
Photograph Drawers	IND-min-100	Black and white 3.75" x 4 5/8" circa 1925 work crew and three Model- T's. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-101	Black and white 3.75" x 4 5/8" circa 1925 setting wire for dynamite charge. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-102	Black and white 3/75" x 4 5/8" circa 1925 written on back "pay day". Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-103	Black and white 3 3/8" x 4 3/8" circa 1925 waiting for the big blast. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-104	Black and white 3.75" x 4.75" circa. 1925. The Erie Shovel. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-105	Black and white 3.75" x 4.75" circa 1925 President of company and staff. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-106	Black and white 3.25" x 5.25" circa 1924 cars parked in field- perhaps to view the "big blast"? Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-107	Black and white 3.5" x 4 3/4" circa April, 1924 blast at Blue Diamond Mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-108	Black and white 3.75" x 4 5/8" February 16, 1927. Flood at Blue Diamond Mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-109	Black and white 3.75" x 4.75" May, 1925 Company picnic for Blue Diamond Mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-110	Black and white 3.75 x 4 5/8" circa 1925 men loading dynamite into tunnel. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-111	Black and white 3.75" x 4 5/8" circa 1925. Men working the Erie Steam Shovel. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-112	Black and white 4' x 5' circa August, 1926 young man standing at office. Photo taken of Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-113	Black and white 4.5" x 3.5" circa 1925 steam engine #3130. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-114	Black and white 3.75" x 4.75" May 19, 1925 employee picnic Blue Diamond Mine. Photo taken by Malcolm MacMillan	Photo
Photograph Drawers	IND-min-115	Black and white 3.75" x 5" blasting at the Blue Diamond Mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-116	Black and white 2.75" x 4.75" circa 1925 baseball game at the company picnic. Photo taken by Malcom MacMillan.	Photo
Photograph Drawers	IND-min-117	Black and white 2.5" x 4" written on back of photo: "office cat and jack rabbit" Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-118	Black and white 3.5" x 5.25" circa 1924 full view of quarry. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-119	Black and white 3.75" x 4 5/8" July, 1926 New mining construction in Temescal Canyon. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-120	Black and white 3.75 x 4 5/8" August, 1926. View into valley from mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-121	Black and white 3.75 x 4 5/8" August, 1926. Steam shovel loading RR cars.	Photo

Photograph Drawers	IND-min-122	Black and white 3.75" x 4 5/8" written on back of photo: 182 tons powder" 182 ton dynamite blast April, 1924. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-123	Black and white 3.75" x 4 5/8" circa April, 1926. Blue Diamond Mine. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-124	Black and white 5" x 7" March 27, 1925 written on photo: "down 8 days" Photo of man standing with mine shovel.	Photo
Photograph Drawers	IND-min-125	Black and white 5" x 7" circa 1925. Photo of funeral flowers. Ribbon on one set of flowers says "Employee Blue Diamond" Santa Fe spelled out on other set of flowers. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-128	Black and white 3 3/8" x 4.75" circa 1925 photo of Erie Shovel at bottom of Quarry. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-243	Black and white 3 3/8" x 4 5/8" circa 1926 photo of damage from fire. Written on back of photo "after fire". Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-025	Black and blue photo cut from some type of publication. 1.5" x 3 1/4" on the front of the photo the following is written "Dan McMillan" with arrow pointing at person to identify.	Photo
Photograph Drawers	IND-min-130	Black and white 3.25" x 4 5/8" May, 1925 women's race at Blue Diamond Mine employee picnic. Photo taken by Malcolm MacMillan.	Photo
Photograph Drawers	IND-min-131a	Black and white 4" x 5" Heavy Equipment at Blue Diamond Mine.	Photo
Photograph Drawers	IND-min-132a	3.25" x 5" black and white photo showing dynamite for "big blast" 182 tons, 5 men. Taken from CPL description sheet.	Photo
Photograph Drawers	IND-min-133a	Color 8.5" x 11" photo of Coyote Blast taken September 1 from outer edge of the quarry floor opposite the center of the face; and October 2, at about 3:30pm, 30 minutes after firing. Description taken from August 14, 1982 description sheet	Photo
Photograph Drawers	IND-min-134a	Color 8.5" x 11" photo taken October 2 at 2:30pm and 3:05pm, from door of the transformer at the crusher, Photo taken at 2:35pm and 3:10pm, from the crusher ramp and photo taken at 2:45pm and 3:01pm from the side crusher. Description taken from August 14, 1982 description sheet	Photo
Photograph Drawers	IND-min-135a	Black and white 9" x 9" photo of blast surrounding area aerial view taken March 26, 1958. Description taken from August 14, 1982 description sheet	Photo
Photograph Drawers	IND-min-136a	Black and white 9" x 9" photo of mountain and surrounding area before blast. Aerial view taken February 11, 1958. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-137a	Result of blast, 10-2-64 description taken from CPL description sheet	Photo
Photograph Drawers	IND-min-138a	Result of blast, 10-2-64 description taken from CPL description sheet	Photo
Photograph Drawers	IND-min-139a	Black and white 8" x 10" photo of blast October 2, 1964 Rudy Ramos, Photographer. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-140	View of hillside being surface mined by the Blue Diamond/3M mining company Oct. 2, 1964. Rudy Ramos, Photographer. Description taken from August 14, 1982 description sheet.	Photo



Photograph Drawers	IND-min-141	Black and white 5" x 7" photo March 27, 1915 of laying tracks up the mountain. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-142	Black and white 5" x 7" photo 1915 of Steam Jenny used for Pulley. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-143a	Black and white 5" x 7" photo July, 1915 of side of mountain to be blasted. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-144a	Black and white 5" x 7" photo 1915 of workers in blasting area. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-145a	Black and white 5" x 7" photo, 1915 of blast fired by electricity. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-146	Black and white, 5" x 7" photo, 1915, two seconds after blast. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-147a	Black and white 5" x 7" photo, 1915 of result of blast. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-148a	Black and white 5" x 7" photo, 1915 of tracks going up to blasting area. Description taken from August 14, 1982 description sheet	Photo
Photograph Drawers	IND-min-149a	Black and white 5" x 7" photo, 1915, of workers at blast area. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-150a	Black and white 5" x 7" photo, May 15, 1915 of Marion Shovel. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-151a	Black and white 5" x 7" photo, June 1915, of workers and Main Shovel. Description taken from August 14, 1982 description sheet	Photo
Photograph Drawers	IND-min-152a	Black and white 5" x 7" photo, July 28, 1915 of workers and Marion Shovel. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-153a	Black and white 5" x 7" photo, July 23, 1915 of workers and Shovel Model 100. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-154a	Black and white 5" x 7" photo, August 3, 1915, of workers on side of mountain. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-155a	Black and white 5" x 7" photo, 1915 of shovel at work. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-156a	Black and white 5" x 7" photo, August 3, 1915, of workers and shovel at work. Description based on August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-157a	Black and white 5" x 7" photo, 1915, of blasted area. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-158a	Black and white 8.25" x 10" photo of shovel loading truck after blast, 1951. O.L. Snider, Photographer. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-159a	Black and white 8" x 10" photo of area before blast of October 2, 1964. R. Ramos, Photographer. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-160a	Black and white 8" x 10" "Corona Blast Tunnel #6 during July 26, 1952. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-161a	Black and white 5" x 7" photo of buildings and Minnesota Mining and Manufacturing worksite in Temescal Canyon. Description taken from August 14, 1982 description sheet.	Photo

Photograph Drawers	IND-min-162a	Black and white 3.5" x 3.5" photo of view of land owned by Minnesota Mining and Manufacturing Company. Note on back reads "100' from face".	Photo
Photograph Drawers	IND-min-163a	Black and white 3.5" x 3.5" photos of mountain face. Back reads "200".	Photo
Photograph Drawers	IND-min-164a	Black and white 3.5" x 3.5" photos, of mountain face. Note on back reads: "200' from face."	Photo
Photograph Drawers	IND-min-165	Black and white 3.5" x 3.5" photo. On back of photo is written "200" from 3M collection. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-166	Black and white 3.5" x 3.5" photo. On back of photo is written: "approx. 200' from face." Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-167	Black and white 3.5" x 3.5" photo. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-168	Black and white 3.5" x 3.5" photo. View of "HA Section" written on back. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-169	Black and white 3.5" x 3.5" photo. Note on back "100' from face". Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-170	Black and white 3.5" x 3.5" photo. Note on back: "extreme edge". Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-171	Black and white 3.5" x 3.5" photo. Note on back "100" Unidentified man in photo. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-172	Black and white 3.5" x 3.5". Note on back "extreme edge" Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-173	Black and white 3.5" x 3.5" photo. Note on back "60". Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-174	Black and white 3.5" x 3.5" photo. Note on back: "Extreme edge." Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-175	Black and white 3.25" x 4.25" photo. Photo of mine blast in Temescal Canyon. October, 1969. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-176	Black and white 3.25" x 4.25" photo of mine blast in Temescal Canyon October, 1969. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-177	Black and white 3.25" x 4.25" photo, October, 1969. View of equipment at the Minnesota Mining and Manufacturing site in Temescal Canyon. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-178	Black and white 3.25" x 4.25" photo, October, 1969. View of equipment at the Minnesota Mining and Manufacturing site in Temescal Canyon. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-179	Black and white 3.25" x 4.25" photo view of mining site at the Minnesota Mining and Manufacturing site in Temescal Canyon, October, 1969. Description taken from August 14, 1982 description	Photo

		sheet.	
Photograph Drawers	IND-min-180	Black and white 3.25" x 4.25" photo. View of mine shaft opening. October, 1969. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-181	Black and white 3.25" x 4.25" photo, October. Equipment and worksite at the Minnesota Mining and Manufacturing site. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-182	Black and white 3.5" x 4.25" photo, October, 1969. Equipment and worksite at the Minnesota Mining and Manufacturing site. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-183	Black and white 3.25" x 4.25" photo, October 1969. Unidentified man with case of explosives. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-184	Black and white 5" x 7" photo, May, 1915. Workers with Marion shovel and other equipment owned by Temescal Rock Company. On back of photo is written: "#12". Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-185	Black and white 5" X 7" photo, circa 1915. View of Temescal Rock Company buildings and worksite in Temescal Canyon. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-186	Black and white 5" x 7" photo, March 31, 1951. Result of mine blasting that occurred on March 31, 1951 at the Minnesota Mining and Manufacturing site in Temescal Canyon. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-187a	Black and white 5" x 7" photo, March 31, 1951, Mine blast at the 3M site. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-187b	Black and white 5" x 7" photo, March 31, 1951, Mine blast at the 3M site. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-188a	Black and white 5.25" x 7.25" photos of March 31, 1951 blast. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-188b	Black and white 5.25" x 7.25" photos of March 31, 1951 blast. Part of a series documenting blast. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-189a	Black and white 5.25" x 7.25" photos of March 31, 1951 blast. Part of a series documenting blast. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	IND-min-189b	Black and white 5.25" x 7.25" photos of March 31, 1951 blast. Part of a series documenting blast. Description taken from August 14, 1982 description sheet.	Photo
Photograph Drawers	TRA-aaa-042	Black and white 5" x 7" cars and wagon in groove of trees in Temescal Canyon, July 1915.	Photo
Photograph Drawers	IND-min-287a	Originally included in loose-leaf folder, black and white 8" x 11" photo showing entrance to tunnel and surrounding area. On back of photo is written B70 26-28	Photo
Photograph Drawers	IND-min-286a	Originally included in loose-leaf folder, black and white 8" x 11" photo shows two workmen putting charges in tunnel. On back of photo is written B7026-25	Photo
Photograph Drawers	IND-min-288a	Originally included in loose-leaf folder, black and white 8" x 11" photo of surrounding area before blast. On back of photo written B7026-58.	Photo