

TITLE: H. Mason Coggin Mining Collection

DATE RANGE: 1880's-1999

CALL NUMBER: FM MSS #126

PHYSICAL DESCRIPTION: 40.5 linear feet (42 boxes)

PROVENANCE: This collection was donated by Janice Coggin, H. Mason Coggin's wife, in 2004. Donated to the Arizona Historical Society in 2012 by the Arizona Historical Foundation.

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PROCESSED BY: Elizabeth Scott, March 2007

BIOGRAPHICAL NOTE: H. (Horace) Mason Coggin was born January 15, 1938 in Bisbee, AZ. He graduated from Bisbee High School in 1956 and received a B.S. in Mining Engineering from the University of Arizona in 1961. He worked for Phelps Dodge Corporation in various states as well as other mining companies until he became senior Vice President of Mining in 1970 for Coe and Van Loo Consulting Engineers in Phoenix, AZ. He held this position until he started his own engineering consulting firm in 1982, specializing in recovery systems, mine evaluation, and plant operations. Coggin was known as a world-renowned expert in gold placer mining and traveled throughout the world to various mines.

In addition to a distinguished career as a mining engineer, Coggin developed a life-long interest in Arizona history, lore and legends. He became a member of the Gathering of Cowboy Poets in 1994 after a chance encounter at Prescott's Sharlot Hall. After that meeting he wrote and recited his own poetry. He was a founding member of Trail Dust, a performing group of poetry reciters, singers and songwriters well known for reciting mining and cowboy poetry. He and his wife also co-founded *Cowboy Miner Productions*, publishing the classic works of cowboy poets like Bruce Kiskaddon, D. J. O'Malley, S. Omar Barker, and Henry Herbert Knibbs. Coggin was also the author of several publications related to mining and cowboy poetry.

In 1993, Coggin was appointed Director of the Arizona Department of Mines and Mineral Resources which provided oversight for the development of Arizona's natural resources. He also was instrumental in promoting the growth of the Arizona Mining and Mineral Museum. He was married to Janice Coggin and had two daughters, Diane and JoAnn. He died November 7, 2000.

SCOPE AND CONTENT NOTE:

This collection highlights the career and research of H. Mason Coggin, a professional engineer and land surveyor and expert in gold placer mining. Although the collection's main focus is on gold placer mining, all aspects and types of mining are represented. This collection may be the most comprehensive contemporary mining collection available.

Please note that many files have duplicative titles in different series. However, the information contained within varies significantly. It is suggested that a researcher working on a particular mine, company, or topic request relevant files in each series.

The collection is arranged into five series: **Series I: Business; Series II: Mine Files; Series III: Mining Companies; Series IV: Reports;** and **Series V: Research Files.**

Series I: Business is divided into seven subseries; bids and contracts, calendars, correspondence, design files, investment opportunities, projects, and registrations. Bids and contracts document the process of obtaining a specific project. Of interest are Coggin's calendars and correspondence that document his work at Coe and Van Loo Consulting Engineers as well as his own private consulting firm. Design files contain information on the latest design techniques for equipment and mining processes. Files on investment opportunities often include an insider's look into special mines not known about by the public. Projects contain reports, data, and background information on individual projects by a certain company or on a specific mine. Registration files document the paperwork and applications necessary to practice in each given state.

Series II: Mine Files is divided into three subseries; Arizona mines, out of state mines (other than Arizona), and the IMI Property Database printout. Both Arizona mine files and out of state mine files include reports about each mine, background and historical information, mining districts, maps, plots, assays, and legal documents. All files, if known, contain the county of the mine since some duplicative naming exists. Of note, many files include copies of maps for properties that date as far back as the late 1800's. Included in the Arizona mines subseries are general county files. Also included in this series is the IMI Property Database printout which lists active mines in their respective states.

Series III: Mining Companies includes background information on mining companies worldwide. Files consist of reports, history and background of the company, projects completed, and financial statements. Of interest are files relating to large mining operations such as Phelps Dodge, Superior Companies, and Mines West, Inc.

Series IV: Reports includes both general reports and property reports. General reports range in topic from coal leasing to the status of mining in Angola. Property reports highlight specific mining properties. Additional information for specific properties can also be found in **Series II: Mine Files** under the name of each mine.

Series V: Research Files include various topics ranging from general information about gold placer mining to specific mining techniques and processes, important figures in the mining community and publications.

Container List

Box	Folder	Title	Dates
1	1	Business- Bids and Contracts-Bechtel-Navajo Generating Station	1970
1	2	Business- Bids and Contracts-General	1970-1972
1	3	Business- Bids and Contracts-Metro Construction	1970
1	4	Business- Bids and Contracts-Southwest Ward Engineering Company-General (1 of 2)	N.D.
1	5	Business- Bids and Contracts-Southwest Ward Engineering Company-General (2 of 2)	1970-1972
1	6	Business- Bids and Contracts-Southwest Ward Engineering Company-Magma Copper Company Bid (1 of 2)	1970-1971
1	7	Business- Bids and Contracts-Southwest Ward Engineering Company-Magma Copper Company Bid (2 of 2)	1970-1971
1	8	Business- Calendars	1982
1	9	Business- Calendars	1983
1	10	Business- Calendars	1984
1	11	Business- Calendars	1985
1	12	Business- Calendars	1986
1	13	Business- Calendars	1987
2	1	Business- Calendars	1988
2	2	Business- Calendars	1989
2	3	Business- Calendars	1990
2	4	Business- Calendars	1991
2	5	Business- Calendars	1992
2	6	Business- Calendars	1993
2	7	Business- Calendars	1994
2	8	Business- Calendars	1995
2	9	Business- Calendars	1996

3	1	Business-Calendars	1997
3	2	Business-Correspondence	1974
3	3	Business-Correspondence	1977
3	4	Business-Correspondence	1978
3	5	Business-Correspondence (1 of 2)	January- February 1978
3	6	Business-Correspondence (2 of 2)	March- December 1979
3	7	Business-Correspondence (1 of 3)	January- February 1980
3	8	Business-Correspondence (2 of 3)	March-July 1980
3	9	Business-Correspondence (3 of 3)	August- December 1980
3	10	Business-Correspondence (1 of 4)	January- February 1981
3	11	Business-Correspondence (2 of 4)	March-May 1981
3	12	Business-Correspondence (3 of 4)	June- September 1981
3	13	Business-Correspondence (4 of 4)	October- December 1981
3	14	Business-Correspondence	1982
3	15	Business-Correspondence	1983
3	16	Business-Correspondence	1984
3	17	Business-Correspondence	1985
3	18	Business-Correspondence (1 of 3)	January- April 1986
3	19	Business-Correspondence (2 of 3)	May-July 1986
3	20	Business-Correspondence (3 of 3)	August- December 1986
4	1	Business-Correspondence (1 of 2)	January- August

			1987
4	2	Business-Correspondence (2 of 2)	September-December 1987
4	3	Business-Correspondence (1 of 4)	January-March 1988
4	4	Business-Correspondence (2 of 4)	April-May 1988
4	5	Business-Correspondence (3 of 4)	June-August 1988
4	6	Business-Correspondence (4 of 4)	September-December 1988
4	7	Business-Correspondence (1 of 5)	January-May 1989
4	8	Business-Correspondence (2 of 5)	June-August 1989
4	9	Business-Correspondence (3 of 5)	September-October 1989
4	10	Business-Correspondence (4 of 5)	November 1989
4	11	Business-Correspondence (5 of 5)	December 1989
4	12	Business-Correspondence (1 of 6)	January-February 1990
4	13	Business-Correspondence (2 of 6)	March-May 1980
4	14	Business-Correspondence (3 of 6)	June-July 1980
4	15	Business-Correspondence (4 of 6)	August 1990
5	1	Business-Correspondence (5 of 6)	September-October 1990
5	2	Business-Correspondence (6 of 6)	November-December 1990

5	3	Business-Correspondence (1 of 4)	January-April 1991
5	4	Business-Correspondence (2 of 4)	May-June 1991
5	5	Business-Correspondence (3 of 4)	July-August 1991
5	6	Business-Correspondence (4 of 4)	September-December 1991
5	7	Business-Correspondence	1992
5	8	Business-Correspondence	1993
5	9	Business-Correspondence	1994
5	10	Business-Correspondence	1995
5	11	Business-Correspondence	1996
5	12	Business-Correspondence (1 of 2)	January-August 1997
5	13	Business-Correspondence (2 of 2)	September-December 1997
5	14	Business-Correspondence	1998
5	15	Business-Design Files- Bin Design	1964-1978
5	16	Business-Design Files- CANMET Reports (1 of 3)	1976-1977
5	17	Business-Design Files- CANMET Reports (2 of 3)	1978-1979
5	18	Business-Design Files- CANMET Reports (3 of 3)	1979
5	19	Business-Design Files- Copper Leach Chemistry (1 of 2)	1953-1970
6	1	Business-Design Files- Copper Leach Chemistry (2 of 2)	1971-1978
6	2	Business-Design Files- Cost Data	1967-1977
6	3	Business-Design Files- Detachable Bits (1 of 2)	N.D.
6	4	Business-Design Files- Detachable Bits (2 of 2)	1935-1947
6	5	Business-Design Files- Diamond Drills	1914-1950

6	6	Business-Design Files-Dorr-Oliver-Long (1 of 3) (Photographs)	1958-1968
6	7	Business-Design Files-Dorr-Oliver-Long (2 of 3)	1947-1950
6	8	Business-Design Files-Dorr-Oliver-Long (3 of 3)	1958-1969
6	9	Business-Design Files-Earth Support	1956-1978
6	10	Business-Design Files-Equipment Support (Anchors, Grouts, Bearing pads)	1961-1972
6	11	Business-Design Files-Finance	1959-1978
6	12	Business-Design Files-Geology	1913-1976
6	13	Business-Design Files-Geothermal Leases	1971-1975
6	14	Business-Design Files-Hauling Trucks for Open Pit Mining (1 of 2)	1958-1974
6	15	Business-Design Files-Hauling Trucks for Open Pit Mining (2 of 2)	1976-1978
7	1	Business-Design Files-Instrumentation	1963-1976
7	2	Business-Design Files-Leaching-General	1950-1978
7	3	Business-Design Files-Management	1972-1976
7	4	Business-Design Files-Metallurgical Data	1968-1978
7	5	Business-Design Files-Meter Pumps	N.D.
7	6	Business-Design Files-Meters, Recorders and Gauges	1974-1977
7	7	Business-Design Files-Mining Methods	1959-1976
7	8	Business-Design Files-Operating Data (1 of 2)	1960-1975
7	9	Business-Design Files-Operating Data (2 of 2)	1976-1978
7	10	Business-Design Files-Phelps Dodge-Air Cylinder and Platform	1950-1951
7	11	Business-Design Files-Phelps Dodge-Concrete and Cement	1942-1952

7	12	Business-Design Files- Phelps Dodge-Diamond Drilling (1 of 2)	1953-1954
7	13	Business-Design Files- Phelps Dodge (2 of 2)	1954
7	14	Business-Design Files- Phelps Dodge-Mill Tunnels	1952-1957
7	15	Business-Design Files- Phelps Dodge-Mine Cars	1939-1951
7	16	Business-Design Files- Phelps Dodge-Pump Station (1 of 2)	1948-1950
7	17	Business-Design Files- Phelps Dodge-Pump Station (2 of 2)	1950-1951
7	18	Business-Design Files- Pit Slope Manual (1 of 2)	1977
7	19	Business-Design Files- Pit Slope Manual (2 of 2)	1977
8	1	Business-Design Files- Process Equipment	1973-1978
8	2	Business-Design Files- Rock Mechanics and Blasting (1 of 2)	1947-1972
8	3	Business-Design Files- Rock Mechanics and Blasting (2 of 2)	1973-1977
8	4	Business-Design Files- Sampling and Statistics	1959-1976
8	5	Business-Design Files- Specifications	1970-1973
8	6	Business-Design Files- Shotcrete	1964-1974
8	7	Business-Design Files- Smelting	1974-1976
8	8	Business-Design Files- Solid Waste Disposal Systems	1971-1975
8	9	Business-Design Files- Tailings Disposal	1971-1975
8	10	Business-Design Files- Underground Mining (1 of 2)	1956-1975
8	11	Business-Design Files- Underground Mining (2 of 2)	1976-1978
8	12	Business-Design Files- Uranium Leaching	1964-1978
8	13	Business-Design Files- Water Storage Tanks (1 of 3)	1968-1976
8	14	Business-Design Files-	N.D.

		Water Storage Tanks (2 of 3)	
8	15	Business-Design Files- Water Storage Tanks (3 of 3)	N.D.
8	16	Business-Design Files- Wheel Loaders	N.D.
8	17	Business-Design Files- Wire Rope and Rope Guides	1962-1966
8	18	Business-Investment Opportunities- Bluebell Uranium Ltd.	1979
8	19	Business-Investment Opportunities- Blue Rock-Band Tail Mine Claims	N.D.
8	20	Business-Investment Opportunities- Frontier Goldfields Limited Partnership	1984
9	1	Business-Investment Opportunities- General (1 of 2)	1917-1960
9	2	Business-Investment Opportunities- General (2 of 2)	1961-1987
9	3	Business-Investment Opportunities- Gold Mining Hypothetical Analysis and Investment Potential-Mother Lode-Concord Property, Idaho	1981
9	4	Business-Investment Opportunities- Hope Limited Partnership	1982
9	5	Business-Investment Opportunities- International Monetary Exchange	1981
9	6	Business-Investment Opportunities- Madison Gold Venture	1986
9	7	Business-Investment Opportunities- Minerals Mining Corporation	1975
9	8	Business-Investment Opportunities- Nor-Quest Arizona Gold Limited Partnership	1982
9	9	Business-Investment Opportunities- The North Reveille Project by American Precious Metals Reserves, Inc.	1981
9	10	Business-Investment Opportunities- Rayrock Yellowknife Resources Inc.	1985
9	11	Business-Investment Opportunities- Scarth Oil and Gas Co., Hunton Prospects, Dewey County, OK	N.D.
9	12	Business-Investment Opportunities- Silver Dollar Mining Company	1981
9	13	Business-Investment Opportunities- U.S. Precious Metals, Inc.	1988
9	14	Business-Investment Opportunities-	1981

		Wellington Resources Corporation	
9	15	Business-Investment Opportunities- West Coast Geothermal Ltd.	1983
9	16	Business-Projects- ABEX, Ltd.	1935-1986
9	17	Business-Projects- America Mine, San Bernardino County, CA	1935-1937
9	18	Business-Projects- Beaver Dam Wash Project, Washington County, UT	1985-1988
9	19	Business-Projects- Bradshaw Mountain Project (1 of 4)	1896-1957
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9	21	Business-Projects- Bradshaw Mountain Project (3 of 4)	1976-1980
9	22	Business-Projects- Bradshaw Mountain Project (4 of 4)	N.D.
9	23	Business-Projects- Bradshaw Mountain Project-Responses	1931-1981
9	24	Business-Projects- Copper Basin Placers	1982-1986
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9	26	Business-Projects- Emma Wagner Property, NV (1 of 2)	1986-1988
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9	28	Business-Projects- Fischer-Watt Gold Co. Inc.-Mystic Permitting (1 of 2)	1981-1990
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10	1	Business-Projects- Fischer-Watt Gold Co. Inc.-Upton Placer Property	1986-1987
10	2	Business-Projects- Fort Ann Mine, CA	1939
10	3	Business-Projects- Gila Canyon Project	N.D.
10	4	Business-Projects- Glamis Gold Ltd.	1983-1984
10	5	Business-Projects- Granite Mining District, Grant County, OR	1986

10	6	Business-Projects- Horizon Gold Shares, Inc., Omega Property, Nevada County, CA	1978-1984
10	7	Business-Projects- Humbug Placer, Governor's Peak, Yavapai County, AZ	1983
10	8	Business-Projects- Jackson East Lode Mining Claims, Box Elder County, UT	1984-1986
10	9	Business-Projects- Jamestown Mine/Nome Marine Placer	1985
10	10	Business-Projects- Kelsey Mine, Placerville, CA	1981-1982
10	11	Business-Projects- Kingman Project, Volume #1 (1 of 3)	1915-1979
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10	13	Business-Projects- Kingman Project, Volume #1 (3 of 3)	1915-1979
10	14	Business-Projects- Kingman Project, Volume #2 (1 of 3)	1939-1980
10	15	Business-Projects- Kingman Project, Volume #2 (2 of 3)	1939-1980
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10	18	Business-Projects- Kingman Project, Volume #3 (2 of 5)	1936-1978
10	19	Business-Projects- Kingman Project, Volume #3 (3 of 5)	1936-1978
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10	21	Business-Projects- Kingman Project, Volume #3 (5 of 5)	1936-1978
10	22	Business-Projects- Kit Carson Corporation	1981-1982
10	23	Business-Projects- LC Lode Claims, Box Elder County, UT	1967-1986
10	24	Business-Projects- Mahalia Property, CA	1972
10	25	Business-Projects- Malheur Oregon Placer Property	1972-1978
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10	27	Business-Projects- Monarch Claims, Maricopa County, AZ	1986
11	1	Business-Projects- Mines West Inc.-Costa Rican Project (1 of 2)	1974-1989
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11	15	Business-Projects- Nevada Pacific Mining Co.-Olinghouse Project- Regulations (1 of 2)	1979-1983
11	16	Business-Projects-	1979-1983

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11	17	Business-Projects- Nevada Pacific Mining Co.-Olinghouse Project-Report of Pilot Plant Operation	1982-1983
11	18	Business-Projects- Nevada Pacific Mining Co.-Olinghouse Project-RFE and Design	1978-1983
12	1	Business-Projects- Nu-Dawn Resources, Inc.-Jackpot Property	1977-1990
12	2	Business-Projects- Nu-Dawn Resources, Inc.-Yankee Dundee Property, Nelson Mining District, Ymir, B.C.	N.D.
12	3	Business-Projects- Ogg Corp.	1980-1981
12	4	Business-Projects- Ohio Placer Property	1989
12	5	Business-Projects- Organ Grinder and Big Ben Properties, Yavapai County, AZ (1 of 2)	1979-1986
12	6	Business-Projects- Organ Grinder and Big Ben Properties, Yavapai County, AZ (2 of 2)	1987-1988
12	7	Business-Projects- Oro Fino Placer, Clearwater, Idaho	1983-1984
12	8	Business-Projects- Paradise Tertiary Placers, Paradise, CA	1986
12	9	Business-Projects- Pocahontas Fuel Company	1944
12	10	Business-Projects- Redbird Property	1990
12	11	Business-Projects- Shefford Resources, Ltd. (1 of 2)	1987-1989
12	12	Business-Projects- Shefford Resources Ltd. (2 of 2)	1989
12	13	Business-Projects- Shell Oil Company-Special Projects	1968-1985
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12	15	Business-Projects- Spring Creek Gold Placer Property, Grass Valley, CA	1974-1986
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12	17	Business-Projects- Summit Minerals, Inc.	1982
12	18	Business-Projects- Sun Gold Joint Venture	1970-1988
12	19	Business-Projects- Sun Gold-Kwaben Mineral Concession, Kibi Mining District, Ghana	1986-1988
12	20	Business -Registrations-California	1974-1978
12	21	Business -Registrations-Colorado	1968-1975
12	22	Business -Registrations-Idaho	1975-1977
12	23	Business -Registrations-Kansas	1978
12	24	Business -Registrations-Utah	1977
12	25	Business -Registrations-Washington	1975
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12	27	Mine Files-Arizona- Alvarado Mine (Yavapai Co.) (2 of 5)	1980-1986
12	28	Mine Files-Arizona- Alvarado Mine (Yavapai Co.) (3 of 5)	1988-1990
12	29	Mine Files-Arizona- Alvarado Mine (Yavapai Co.) (4 of 5)	1991
12	30	Mine Files-Arizona- Alvarado Mine (Yavapai Co.) (5 of 5)	N.D.
13	1	Mine Files-Arizona- Ambassador Project (Yavapai Co.)	1984
13	2	Mine Files-Arizona- Annexed (Yavapai Co.)	1904
13	3	Mine Files-Arizona- Antelope Peak (Pinal Co.)	1970
13	4	Mine Files-Arizona- Arabia Mines (Mohave Co.)	1931
13	5	Mine Files-Arizona- Ash Peak Mine (Greenlee Co.)	1940-1980
13	6	Mine Files-Arizona- AZCO-Sanchez Mine (Graham Co.)	1993-1994
13	7	Mine Files-Arizona- Bagdad Mine (Yavapai Co.)	1986-1994

13	8	Mine Files -Arizona- Ballas Group Mining Claims (Pima Co.) (Photos)	1962-1987
13	9	Mine Files -Arizona- Becky Mine (Yavapai Co.)	1981-1982
13	10	Mine Files -Arizona- Beehive Property (Yavapai Co.)	1982-1983
13	11	Mine Files -Arizona- Belly-Up Mine (Maricopa Co.)	1980
13	12	Mine Files -Arizona- Bennett Mine (Maricopa Co.)	1954
13	13	Mine Files -Arizona- Bishop Group (Yavapai Co.)	1915
13	14	Mine Files -Arizona- Black Bird (Yuma Co.)	1954-1967
13	15	Mine Files -Arizona- Black Diamond and Norfolk (Yavapai Co.)	1905
13	16	Mine Files -Arizona- Black Hawk Group (Maricopa Co.)	1933-1980
13	17	Mine Files -Arizona- Black Queen (Pinal Co.)	1941-1980
13	18	Mine Files -Arizona- Blind Indian Claim Group (Yavapai Co.)	1981-1982
13	19	Mine Files -Arizona- Boulder North, Boulder South and Black Bear Lodes (Yavapai Co.)	1921
13	20	Mine Files -Arizona- Bronco-Verdstone & Oakland Properties (Yuma Co.)	1982
13	21	Mine Files -Arizona- Buckeye (Yavapai Co.)	1882-1883
13	22	Mine Files -Arizona- Buckeye Apache Mine (Cochise Co.)	1935-1967
13	23	Mine Files -Arizona- Buckhorn Mine (Yavapai Co.)	1923
13	24	Mine Files -Arizona- Bud, Estee, and Alexandra (Yavapai Co.)	1905
13	25	Mine Files -Arizona- Cabin Mine (Mohave Co.)	1939-1957
13	26	Mine Files -Arizona- Cadillac Millsite (Yavapai Co.)	1966
13	27	Mine Files -Arizona- Cadillac Milling Company (Ida, Demascus, Tartar, Golden, Merton, Laurita, Privateer) (Yavapai Co.)	1904

13	28	Mine Files -Arizona- Cashier Mine (Mohave Co.)	1940-1955
13	29	Mine Files -Arizona- Castle Dome Mines (Yuma Co.)	1939-1965
13	30	Mine Files -Arizona- Cerbat Mine (Mohave Co.)	1943-1957
13	31	Mine Files -Arizona- Champion Mine (Mohave Co.)	1952-1976
13	32	Mine Files -Arizona- Charlotte Group (Maricopa Co.)	1959-1978
13	33	Mine Files -Arizona- Chico Mines Property (Mohave Co.)	1974
13	34	Mine Files -Arizona- Clementine Project (Maricopa Co.)	1982
13	35	Mine Files -Arizona- Clipper (Yavapai Co.)	1896
13	36	Mine Files -Arizona- Colossal Consolidated Mines (Yavapai Co.)	1982
13	37	Mine Files -Arizona- Columbus Group (Yuma Co.)	1940-1943
13	38	Mine Files -Arizona- Commonwealth Mine (Cochise Co.)	1896-1978
13	39	Mine Files -Arizona- Confidence Mine (Yavapai Co.)	1894-1907
13	40	Mine Files -Arizona- Contention Mine (Maricopa Co.)	1944
13	41	Mine Files -Arizona- Copper Bottom Mine (Yuma Co.)	1939-1988
13	42	Mine Files -Arizona- Copper Kid Mine (Maricopa Co.)	1974
13	43	Mine Files -Arizona- Copper King Mine (Yavapai Co.)	1965-1966
13	44	Mine Files -Arizona- Copper Top Mine (Maricopa Co.)	N.D.
13	45	Mine Files -Arizona- Costello Group (Cochise Co.)	1938-1965
13	46	Mine Files -Arizona- Counties-Apache	1943-1958
13	47	Mine Files -Arizona- Counties-Cochise	N.D.
13	48	Mine Files -Arizona- Counties-Coconino	N.D.
13	49	Mine Files -Arizona- Counties-General	1978-1981
13	50	Mine Files -Arizona-	1981

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13	51	Mine Files-Arizona-Counties-Greenlee	1980
13	52	Mine Files-Arizona-Counties-Maricopa (1 of 3)	1918-1960
13	53	Mine Files-Arizona-Counties-Maricopa (2 of 3)	1918-1960
13	54	Mine Files-Arizona-Counties-Maricopa (3 of 3)	1980-1988
13	55	Mine Files-Arizona-Counties-Mohave (1 of 3)	N.D.
13	56	Mine Files-Arizona-Counties-Mohave (2 of 3)	1886-1977
13	57	Mine Files-Arizona-Counties-Mohave (3 of 3)	1976
14	1	Mine Files-Arizona-Counties-Navajo	1943-1979
14	2	Mine Files-Arizona-Counties-Pima	N.D.
14	3	Mine Files-Arizona-Counties-Santa Cruz	N.D.
14	4	Mine Files-Arizona-Counties-Yavapai (1 of 3)	1877-1918
14	5	Mine Files-Arizona-Counties-Yavapai (2 of 3)	1918-1921
14	6	Mine Files-Arizona-Counties-Yavapai (3 of 3)	1926-1990
14	7	Mine Files-Arizona-Counties-Yuma	1979
14	8	Mine Files-Arizona-Craig's Mines & Quarries Inc. (Yavapai Co.)	1947-1957
14	9	Mine Files-Arizona-Cram Mountain Mine (Maricopa Co.)	1957-1959
14	10	Mine Files-Arizona-Crosby Mine (Yavapai Co.)	1981-1983
14	11	Mine Files-Arizona-Crown Point (Yavapai Co.)	1896
14	12	Mine Files-Arizona-CT Mining Claims (Yavapai Co.)	1967-1986
14	13	Mine Files-Arizona-D&M Mines (Maricopa Co.)	1979-1980
14	14	Mine Files-Arizona-Davis-Dunkirk Mine (Yavapai Co.)	1902-1983

14	15	Mine Files -Arizona- Depot Lode Mine (Yavapai Co.)	1928
14	16	Mine Files -Arizona- Democrat Mine (Cochise Co.)	1942-1969
14	17	Mine Files -Arizona- Desert Eagle Mine (Cochise Co.)	1987
14	18	Mine Files -Arizona- Desert Gold Mining Co. (Maricopa-Yavapai Co.)	1961-1963
14	19	Mine Files -Arizona- Detroit Mine (Mohave Co.)	1943-1957
14	20	Mine Files -Arizona- Diana Mine (Yavapai Co.)	1981
14	21	Mine Files -Arizona- Divide Iron Cap Mine (Maricopa Co.)	1939
14	22	Mine Files -Arizona- Dixie Tufa Mine (Maricopa Co.)	1942-1980
14	23	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-Assessment (1 of 3)	1983-1992
14	24	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-Assessment (2 of 3)	1983-1992
14	25	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-Assessment (3 of 3)	1983-1992
14	26	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-General (1 of 7)	1959-1987
14	27	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-General (2 of 7)	1990-1993
14	28	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-General (3 of 7)	1994-1999
14	29	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-General (4 of 7) (Photos)	N.D.
14	30	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-General (5 of 7)	N.D.
14	31	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-General (6 of 7)	N.D.
14	32	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-General	N.D.

		(7 of 7)	
15	1	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-Legal Documents (1 of 2)	1942-1993
15	2	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-Legal Documents (2 of 2)	1942-1993
15	3	Mine Files -Arizona- Douglas Ranch (Maricopa Co.)-Mineral Report	N.D.
15	4	Mine Files -Arizona- Dragoon Project (Cochise Co.)	1972-1974
15	5	Mine Files -Arizona- Duffy's Claims (Maricopa Co.)	1963-1965
15	6	Mine Files -Arizona- Duval Claims (Mohave Co.)	1980-1982
15	7	Mine Files -Arizona- Eagle Mining Claim (Yavapai Co.)	1882-1883
15	8	Mine Files -Arizona- East Side Mine (Cochise Co.)	1928-1929
15	9	Mine Files -Arizona- East Vulture Mining Company (Maricopa Co.)	1939-1944
15	10	Mine Files -Arizona- El Mirage (Maricopa Co.) (Photos)	1970-1980
15	11	Mine Files -Arizona- Emma Mining Claim (Yavapai Co.)	1883
15	12	Mine Files -Arizona- Esmeralda Mine (Mohave Co.)	1896-1976
15	13	Mine Files -Arizona- Estella Mine (Yavapai Co.)	1915
15	14	Mine Files -Arizona- Fair View (Yavapai Co.)	1904-1916
15	15	Mine Files -Arizona- Fair View Extension (Yavapai Co.)	1921
15	16	Mine Files -Arizona- Fares (Yavapai Co.)	1883
15	17	Mine Files -Arizona- Flower Gold (Yavapai Co.)	N.D.
15	18	Mine Files -Arizona- Ford Mine (Pinal/Pima Co.)	1943
15	19	Mine Files -Arizona- Fortunate Fields (Maricopa Co.)	1898-1980
15	20	Mine Files -Arizona-	1956-1980

		Four Bagger Mine (Gila Co.)	
15	21	Mine Files-Arizona- Garden Mine (Yavapai Co.)	1896
15	22	Mine Files-Arizona- Gladiator and Magnet (Yavapai Co.)	1896
15	23	Mine Files-Arizona- Gladiator War Eagle Mine (Yavapai Co.)	1983-1985
15	24	Mine Files-Arizona- Gleason Properties (Cochise Co.)	1927-1983
15	25	Mine Files-Arizona- Glory Ann Mines (Yavapai Co.)	1981-1982
15	26	Mine Files-Arizona- G.O. John Claims (Maricopa Co.)	1960
15	27	Mine Files-Arizona- Godfrey Claims (Maricopa Co.)	1931-1932
15	28	Mine Files-Arizona- Goldconda Mine (Mohave Co.)	1919-1957
15	29	Mine Files-Arizona- Gold Band and Gold Bar Claims (Cochise Co.)	1934-1940
15	30	Mine Files-Arizona- Gold Cliff (Maricopa Co.)	N.D.
15	31	Mine Files-Arizona- Gold Hill Claims (Yavapai Co.)	1935-1969
15	32	Mine Files-Arizona- Gold Prince Claim (Cochise Co.)	1933-1956
15	33	Mine Files-Arizona- Golden Crown (Yavapai Co.)	1887
15	34	Mine Files-Arizona- Golden Fleece Mine (Cochise Co.)	1947-1965
15	35	Mine Files-Arizona- Golden Gem Mime (Mohave Co.)	1942-1980
15	36	Mine Files-Arizona- Golden Rule Mine (Cochise Co.)	1942-1955
15	37	Mine Files-Arizona- Golden Rule Mine (Maricopa Co.)	1940
15	38	Mine Files-Arizona- Goldfield Mine (Maricopa and Pinal Co.)	1923-1980
15	39	Mine Files-Arizona- Great American Mine (Cochise Co.)	1936-1938
15	40	Mine Files-Arizona- Great Western Group (Cochise Co.)	1936-1943
15	41	Mine Files-Arizona- Groom Creek Mining District (Yavapai Co.) (1 of 3)	1926-1980
15	42	Mine Files-Arizona-	1926-1980

		Groom Creek Mining District (Yavapai Co.) (2 of 3)	
15	43	Mine Files -Arizona- Groom Creek Mining District (Yavapai Co.) (3 of 3)	1926-1980
15	44	Mine Files -Arizona- Harenburg No. 1 (Coconino Co.)	1950-1988
15	45	Mine Files -Arizona- Harqua Hala Mine (Yuma Co.)	1895-1968
15	46	Mine Files -Arizona- Heck (Maricopa Co.)	1961-1980
16	1	Mine Files -Arizona- Hilltop Mine (Cochise Co.) (Photos)	N.D.
16	2	Mine Files -Arizona- Holbrook Properties (Navajo Co.)	1981-1990
16	3	Mine Files -Arizona- Homestake Mine (Maricopa Co.)	1939-1980
16	4	Mine Files -Arizona- Hopi Indian Reservation	N.D.
16	5	Mine Files -Arizona- Housholder's Group Map of the Cerbat Range, Wallapai Mining District, Mohave Co., AZ	1927
16	6	Mine Files -Arizona- Humming Bird Mining Syndicate	1946-1980
16	7	Mine Files -Arizona- Iron Cap Mine	1942
16	8	Mine Files -Arizona- Iron King Mine (Yavapai Co.)	1993
16	9	Mine Files -Arizona- Issaquah (Yavapai Co.)	1940-1957
16	10	Mine Files -Arizona- Jack Pot (Yavapai Co.)	1904
16	11	Mine Files -Arizona- Jack Pot, Dividend and Lone Jack (Yavapai Co.)	1910
16	12	Mine Files -Arizona- Jackrabbit	1991
16	13	Mine Files -Arizona- Jack White Mine (Maricopa Co.)	1934-1983
16	14	Mine Files -Arizona- Jamison (Jemison) Mine (Mohave Co.)	1916-1957
16	15	Mine Files -Arizona- January Extension, Manhattan, John H. and Huron	1906

		(Yuma Co.)	
16	16	Mine Files -Arizona- Jaquay Mining Company (Gila Co.)	1993
16	17	Mine Files -Arizona- Johnson Flat (Yavapai Co.)	1982-1983
16	18	Mine Files -Arizona- Karo No. 3 & 4 (Yavapai Co.)	1982
16	19	Mine Files -Arizona- Keppler Property (Greenlee Co.)	1904-1933
16	20	Mine Files -Arizona- Lazy Mule (Maricopa Co.)	1967
16	21	Mine Files -Arizona- Legend Mines (Santa Cruz Co.)	N.D.
16	22	Mine Files -Arizona- LeRoy Mine (Cochise Co.)	1943-1970
16	23	Mine Files -Arizona- Lincoln Mine (Yavapai Co.)	1901
16	24	Mine Files -Arizona- Little Daisy Mine (Maricopa Co.)	1942-1978
16	25	Mine Files -Arizona- Lock Property (Greenlee Co.)	1914-1989
16	26	Mine Files -Arizona- Lovin' Special-Unpatented (Mohave Co.)	1977
16	27	Mine Files -Arizona- Lucky Bell Mine (Cochise Co.)	1930
16	28	Mine Files -Arizona- Manganese Mine (Cochise Co.)	1915
16	29	Mine Files -Arizona- Maricopa Mine (Maricopa Co.)	1933-1975
16	30	Mine Files -Arizona- Mashackety Mine (Maricopa Co.)	1941-1959
16	31	Mine Files -Arizona- Merrimac, Monitor, Magnet No.2, Lone Jack, Olympia, Charleston	1902
16	32	Mine Files -Arizona- Mexican and Big Doe (Yavapai Co.)	1896
16	33	Mine Files -Arizona- Midnight Mine (Yavapai Co.)	1932-1981
16	34	Mine Files -Arizona- Mint Mine (Mohave Co.)	1946-1957
16	35	Mine Files -Arizona- Monte Christo Claims (Yavapai Co.)	1979-1982
16	36	Mine Files -Arizona- Moonlight (Yavapai Co.)	1905
16	37	Mine Files -Arizona-	1906

		Moss, Sunny South, Malnetta, 90 & 9, Ray Master, and Tharsing (Yavapai Co.)	
16	38	Mine Files -Arizona-Mowry Mine (Santa Cruz Co.) (Photos)	1915-1991
16	39	Mine Files -Arizona-Mystic Mine (Maricopa Co.) (1 of 7)	1981-1992
16	40	Mine Files -Arizona-Mystic Mine (Maricopa Co.) (2 of 7)	1981-1992
16	41	Mine Files -Arizona-Mystic Mine (Maricopa Co.) (3 of 7)	1981-1992
16	42	Mine Files -Arizona-Mystic Mine (Maricopa Co.) (4 of 7)	1981-1992
16	43	Mine Files -Arizona-Mystic Mine (Maricopa Co.) (5 of 7)	1981-1992
16	44	Mine Files -Arizona-Mystic Mine (Maricopa Co.) (6 of 7)	1981-1992
16	45	Mine Files -Arizona-Mystic Mine (Maricopa Co.) (7 of 7)	1981-1992
16	46	Mine Files -Arizona-Neel Gila River Claims (Graham Co.)	1969-1980
16	47	Mine Files -Arizona-Nelson, Philadelphia, Pennsylvania, Monte Cristo Lodes, Nelson, Jack Pot, Dividend, Lone Jack Mill Sites (Yavapai Co.)	1914
17	1	Mine Files -Arizona-New Deal Mining Claims (Gila Co.)	1982
17	2	Mine Files -Arizona-Newsboy Mine (Maricopa Co.) (1 of 2)	1973-1982
17	3	Mine Files -Arizona-Newsboy Mine (Maricopa Co.) (2 of 2)	1961-1965
17	4	Mine Files -Arizona-North End and Old Reliable (Yavapai Co.)	1896
17	5	Mine Files -Arizona-	1936-1982

		North Star Mine (Yuma Co.)	
17	6	Mine Files -Arizona- Old Wasp Mine (Pinal Co.)	1983-1986
17	7	Mine Files -Arizona- Ore Grande Mine (Yavapai Co.)	1931
17	8	Mine Files -Arizona- Oro Belle Mine (Yavapai Co.)	1931-1944
17	9	Mine Files -Arizona- Oro Plata Mine and Mill (Mohave Co.)	1942-1957
17	10	Mine Files -Arizona- Padre Kino Property, Silver Mining District (Yuma Co.)	1965
17	11	Mine Files -Arizona- Palo Verde Mine (Mohave Co.)	1979
17	12	Mine Files -Arizona- Paymaster Group of Mines (Mohave Co.)	1939-1957
17	13	Mine Files -Arizona- Peck Mine (Yavapai Co.)	1988
17	14	Mine Files -Arizona- Phoenix Gold Mine (Maricopa Co.)	1915-1975
17	15	Mine Files -Arizona- Pike's Peak (Maricopa Co.)	N.D.
17	16	Mine Files -Arizona- Poverty Mine (Yavapai Co.)	1980
17	17	Mine Files -Arizona- President's Gold Mine (Maricopa Co.)	1976-1979
17	18	Mine Files -Arizona- Prince of Arizona Mine (Maricopa Co.)	1920-1961
17	19	Mine Files -Arizona- Punkin Glow (Maricopa Co.)	1982-1992
17	20	Mine Files -Arizona- Queen Ann Group (Mohave Co.)	1940-1957
17	21	Mine Files -Arizona- R-Gold Placer Claims (Maricopa Co.)	1948-1962
17	22	Mine Files -Arizona- Ray Integrity Mine (Pinal Co.)	1929
17	23	Mine Files -Arizona- Red Cloud Mine (Yuma Co.)	1918
17	24	Mine Files -Arizona- Red Bird Mine (Cochise Co.)	1935-1966
17	25	Mine Files -Arizona- Red Rover Mining Claim (Yavapai Co.)	1882
17	26	Mine Files -Arizona- Rico Mine (formerly Lion Hill) (Yuma Co.)	1928-1958

17	27	Mine Files -Arizona-Roadrunner Claims (Cochise Co.)	1981
17	28	Mine Files -Arizona-Ruby, AZ (Santa Cruz Co.)	1934-1969
17	29	Mine Files -Arizona-Sabronje and Arizona Aniconda (Yavapai Co.)	1896
17	30	Mine Files -Arizona-Samoa Gold Mines (Mohave Co.)	N.D.
17	31	Mine Files -Arizona-Sanchez Copper Project (Graham Co.) (Photos)	1992
17	32	Mine Files -Arizona-San Marcos and Wilson Mines (Yuma Co.)	N.D.
17	33	Mine Files -Arizona-Savoy Mine (Yavapai Co.)	1981-1993
17	34	Mine Files -Arizona-Shannon Mine (Cochise Co.)	1942-1956
17	35	Mine Files -Arizona-Silver Cross Mine (Maricopa Co.)	1962-1974
17	36	Mine Files -Arizona-Silver Flag (Yavapai Co.)	1935
17	37	Mine Files -Arizona-Silver King Mine (Yavapai Co.)	1887
17	38	Mine Files -Arizona-Silver Reef (Pinal Co.)	N.D.
17	39	Mine Files -Arizona-Solomon Mines (Maricopa Co.) (Photos)	1981-1987
17	40	Mine Files -Arizona-Squaw Peak Mine (Yavapai Co.)	1969
17	41	Mine Files -Arizona-Stardust Mine (Yuma Co.) (Contains Slides)	1969-1987
17	42	Mine Files -Arizona-Stonewall Jackson Mine (McMillan Mine) (Gila Co.)	N.D.
17	43	Mine Files -Arizona-Sue Ann Mine (Maricopa Co.)	1979
17	44	Mine Files -Arizona-Sullivan Claim Group (Cochise Co.)	1947-1984
17	45	Mine Files -Arizona-Sulphide Claims-Idaho Mine (Santa Cruz Co.)	1977-1982
17	46	Mine Files -Arizona-Summit, Ophyr, Black Oak, Crowned King, Ninety Four (Yavapai Co.)	1903-1905
17	47	Mine Files -Arizona-	1981-1982

		Sunflower Mine	
17	48	Mine Files-Arizona- Sunrise Mine (Maricopa Co.) (1 of 4)	1915-1926
17	49	Mine Files-Arizona- Sunrise Mine (Maricopa Co.) (2 of 4)	1928-1985
18	1	Mine Files-Arizona- Sunrise Mine (Maricopa Co.) (3 of 4)	1985-1989
18	2	Mine Files-Arizona- Sunrise Mine (Maricopa Co.) (4 of 4)	N.D.
18	3	Mine Files-Arizona- Swallow Mine (Yavapai Co.)	1974-1980
18	4	Mine Files-Arizona- Thomas Wheat Property (Maricopa Co.)	1975-1982
18	5	Mine Files-Arizona- Tillie Starbuck Mine (Yavapai Co.)	1931-1990
18	6	Mine Files-Arizona- Tin Cup Mine-Assays (Mohave Co.)	1988
18	7	Mine Files-Arizona- Tin Cup Mine-General (Mohave Co.) (1 of 2)	1967-1989
18	8	Mine Files-Arizona- Tin Cup Mine-General (Mohave Co.) (2 of 2)	1967-1989
18	9	Mine Files-Arizona- Tin Cup Mine-Permits (Mohave Co.)	1967-1988
18	10	Mine Files-Arizona- Tin Cup Mine-Royalty Rates (Mohave Co.)	1987-1989
18	11	Mine Files-Arizona- Tin Cup Mine-State Land Issues (Mohave Co.)	1983-1990
18	12	Mine Files-Arizona- Tip Top Mine (Yavapai Co.)	1917-1935
18	13	Mine Files-Arizona- Tom Reed Gold Road District (Mohave Co.)	1931
18	14	Mine Files-Arizona- Toughnut Mine (Yavapai Co.)	1888
18	15	Mine Files-Arizona- Toughnut No.2, Nevada, Home Mine, Utah, Main Point, Colorado, Dam Site and Idaho (Yavapai Co.)	1903
18	16	Mine Files-Arizona-	1946-1975

		Treasure Chest Mine (Maricopa Co.)	
18	17	Mine Files-Arizona- True Blue Mine (Yuma Co.)	1934-1946
18	18	Mine Files-Arizona- Turquoise District (Cochise Co.)	1941-1957
18	19	Mine Files-Arizona- Tuxedo Project	1986
18	20	Mine Files-Arizona- Tyro Mine (Mohave Co.)	1935
18	21	Mine Files-Arizona- Union Mine (Survey #446) (Mohave Co.)	1883
18	22	Mine Files-Arizona- Union Mine (Survey #1237) (Yavapai Co.)	1896
18	23	Mine Files-Arizona- Union and Liberty Mines (Yavapai Co.)	1901
18	24	Mine Files-Arizona- U.S. Grant, Sunrise, Ophir (Maricopa Co.)	1974-1975
18	25	Mine Files-Arizona- United States Mine (Maricopa Co.)	1944-1966
18	26	Mine Files-Arizona- Vanderbilt Mine (Mohave Co.)	N.D.
18	27	Mine Files-Arizona- Various Mines	1901-1985
18	28	Mine Files-Arizona- Victor and Torpedo (Yavapai Co.)	1903
18	29	Mine Files-Arizona- Viking Mine	1980
18	30	Mine Files-Arizona- War Eagle Load (Yavapai Co.)	1876
18	31	Mine Files-Arizona- Watsonville (Yavapai Co.)	1905
18	32	Mine Files-Arizona- White Cow, Red Rock and Bluebird Fluorspar Mine (Gila Co.)	N.D.
18	33	Mine Files-Arizona- White Ledge Mine (Maricopa Co.)	1940-1946
18	34	Mine Files-Arizona- White Peak Silica Mine (Maricopa Co.)	1960-1962
18	35	Mine Files-Arizona- Wild Flower Mine (Yavapai Co.)	N.D.
18	36	Mine Files-Arizona- Wild Pigeon, Jolly Crowd, Wild Flower, and Consolidated (Yavapai Co.)	1896

18	37	Mine Files -Arizona- Winkelman Mine (Pinal Co.)	1987
18	38	Mine Files -Arizona- Young Mine (Maricopa Co.)	1941-1980
18	39	Mine Files -Arizona- Zika and Zika South Extension (Yavapai Co.)	1905
19	1	Mine Files -Out of State- Alaska-General	1976
19	2	Mine Files -Out of State- Alaska-Collinsville and Fairview Placer Properties	1969-1981
19	3	Mine Files -Out of State- Alaska-Goodnews Bay Mining Company's (GMBC) Platinum Mine	1976-1978
19	4	Mine Files -Out of State- Alaska-Hansen Gold Mine	N.D.
19	5	Mine Files -Out of State- Alaska-LeRoy Mine	1963-1987
19	6	Mine Files -Out of State- Alaska-Point Woronzof Mining Prospect	1983-1984
19	7	Mine Files -Out of State- California-Blue Boy Mine (San Bernardino Co.)	1990
19	8	Mine Files -Out of State- California-Blue Star Copper Property (Imperial Co.)	1972-1976
19	9	Mine Files -Out of State- California-Bonnie Hydraulic Mine (Plumas Co.)	1935-1936
19	10	Mine Files -Out of State- California-Bullion Mine (San Bernardino Co.)	1974
19	11	Mine Files -Out of State- California-Bush Creek Mines (Sierra Co.)	1957-1972
19	12	Mine Files -Out of State- California-Diltz Mine (Mariposa Co.)	1979
19	13	Mine Files -Out of State- California-General	1979
19	14	Mine Files -Out of State- California-Gold Ace Claims (San Bernardino Co.)	1955-1974
19	15	Mine Files -Out of State- California-Holmes Tin Property (Riverside Co.)	1976
19	16	Mine Files -Out of State- California-Imperial Mining Co. (Imperial Co.)	1973-1979
19	17	Mine Files -Out of State- California-La Esperanza (Plumas Co.)	1990
19	18	Mine Files -Out of State- California-Liberty Hill (Nevada Co.) and Glacial	1987

		American Mine (Placer Co.)	
19	19	Mine Files -Out of State-California-Loftus Blue Lead Mines Co. (Sierra Co.)	1935
19	20	Mine Files -Out of State-California-Morning Star Mine (San Bernardino Co.)	N.D.
19	21	Mine Files -Out of State-California-Mother Lode Project (Tuolumne Co.)	1983
19	22	Mine Files -Out of State-California-Mt. Alta and Pleasant View Placers (Sierra Co.)	1897-1956
19	23	Mine Files -Out of State-California-North Eagle-S.K.S. Claims (Death Valley Jct., CA)	1989
19	24	Mine Files -Out of State-California-Peno Blanco Patented Lode Claim (Mariposa Co.)	1984
19	25	Mine Files -Out of State-California-Riverside Mountains Gypsum Deposit (Riverside Co.)	1979-1982
19	26	Mine Files -Out of State-California-Saddle Mountain Cinnabar Lode Mining Claims (San Bernardino Co.)	1968
19	27	Mine Files -Out of State-California-SAQ Incorporated	1979
19	28	Mine Files -Out of State-California-Scott Bar (Siskiyou Co.)	1976
19	29	Mine Files -Out of State-California-Siskon Mine (Sikiyou Co.)	1970-1985
19	30	Mine Files -Out of State-Canada-Vancouver, B.C.	1987
19	31	Mine Files -Out of State-Colorado-Alpha Corsair (Mineral Co.)	1972-1976
19	32	Mine Files -Out of State-Colorado-Beartown Mines (San Juan Co.)	1911-1932
19	33	Mine Files -Out of State-Colorado-Card Corporation	N.D.
19	34	Mine Files -Out of State-Colorado-Eck Project (La Plata Co.)	1973-1976
19	35	Mine Files -Out of State-Colorado-Edgar's Claims (Rio Grande Co.)	1917-1982
19	36	Mine Files -Out of State-Colorado-General	1915-1970
19	37	Mine Files -Out of State-Colorado-Mogul Tunnel (Boulder Co.)	1929-1930
19	38	Mine Files -Out of State-	1983

		Colorado-San Miguel River Placers	
19	39	Mine Files -Out of State- Colorado-Ute-U-Lay Mine	1979
19	40	Mine Files -Out of State- Colorado-Vulcan Mines (Gunnison Co.) (1 of 2)	1917-1937
19	41	Mine Files -Out of State- Colorado-Vulcan Mines (Gunnison Co.) (2 of 2)	1938-1962
19	42	Mine Files -Out of State- Idaho-Alice Consolidated Mines, Inc.	1979
19	43	Mine Files -Out of State- Idaho-Democratic Mine (Lehmi Co.)	N.D.
19	44	Mine Files -Out of State- Idaho-Idaho Gold Corporation	N.D.
19	45	Mine Files -Out of State- Idaho-Layton Tungsten Project (Valley Co.)	1938
19	46	Mine Files -Out of State- Idaho-Merry Blue Mine (Valley Co.)	1981
19	47	Mine Files -Out of State- Idaho-Mother Lode Concord Mine (Idaho Co.) (Photos)	1924-1981
19	48	Mine Files -Out of State- Idaho-Ranchers Exploration & Development Corporation	1978
19	49	Mine Files -Out of State- Idaho-Sunshine Mine (Shoshone Co.)	1972
20	1	Mine Files -Out of State- Mexico-Cusi Project Estado de Chihuahua, Mexico	N.D.
20	2	Mine Files -Out of State- Mexico-La Choya Concession (Sonora Mexico) (Photos)	1979-1981
20	3	Mine Files -Out of State- Montana-Chinese Diggins	1986
20	4	Mine Files -Out of State- Montana-Elkhorn Mine (Beaverhead Co.)	1982
20	5	Mine Files -Out of State- Grassy Butte (Toole Co.)	1986
20	6	Mine Files -Out of State- Montana-Alby-Thomson Prospect (Stevens Co.)	1975
20	7	Mine Files -Out of State- Nevada-Big Sam Mine	N.D.
20	8	Mine Files -Out of State-	N.D.

		Nevada-Bristol Mine (Lincoln Co.)	
20	9	Mine Files -Out of State- Nevada-Camp Transvaal (Nye Co.)	1979
20	10	Mine Files -Out of State- Nevada-Crystal Hill Gold Mine (Nevada Co.)	1986-1987
20	11	Mine Files -Out of State- Nevada-Cyprus Mine (Nye Co.)	1977
20	12	Mine Files -Out of State- Nevada-Copper Canyon Mine	1937
20	13	Mine Files -Out of State- Nevada-Egan Canyon Placer Mine (Elko Co.)	1989
20	14	Mine Files -Out of State- Nevada-Fish Creek Basin (Lander Co.)	1986
20	15	Mine Files -Out of State- Nevada-General (1 of 2)	1921-1960
20	16	Mine Files -Out of State- Nevada-General (2 of 2)	1968-1992
20	17	Mine Files -Out of State- Nevada-Gila Canyon Mine (Nye Co.) (1 of 3)	1981
20	18	Mine Files -Out of State- Nevada-Gila Canyon Mine (Nye Co.) (2 of 3)	1981
20	19	Mine Files -Out of State- Nevada-Gila Canyon Mine (Nye Co.) (3 of 3)	1981
20	20	Mine Files -Out of State- Nevada-Gooseberry Mine (Storey Co.)	1991-1994
20	21	Mine Files -Out of State- Nevada-Hays Canyon (Washoe Co.)	1986
20	22	Mine Files -Out of State- Nevada-Indian Claims (Elko Co.)	1986
20	23	Mine Files -Out of State- Nevada-June Bug Claim Group (Nye Co.)	1966-1982
20	24	Mine Files -Out of State- Nevada-Manhattan District (Nye Co.)	1980-1986
20	25	Mine Files -Out of State- Nevada-Midas Claim Group (Churchill Co.)	1984
20	26	Mine Files -Out of State- Nevada-Mina Gold Property (Mineral Co.)	1986
20	27	Mine Files -Out of State- Nevada-Red Rock (Esmeralda Co.)	1990-1992
20	28	Mine Files -Out of State- Nevada-San Emidio Mine (Washoe Co.)	1986
20	29	Mine Files -Out of State-	1981

		Nevada-Sultana Claims (Mineral Co.)	
20	30	Mine Files -Out of State- Nevada-Tule Canyon (Esmeralda Co.)	1981-1985
20	31	Mine Files -Out of State- New Mexico-Mogollon Mining District (Catron Co.)	1977
20	32	Mine Files -Out of State- New Mexico-Molybdenum Corporation of America	1965
20	33	Mine Files -Out of State- New Mexico-Steeple Rock Mining District (Grant Co.)	1978
20	34	Mine Files -Out of State- New Mexico-Yaple and Holder Mica District (Taos Co.)	1976
20	35	Mine Files -Out of State- Oregon-Bald Mountain Mine Group (Baker Co.)	1901-1975
20	36	Mine Files -Out of State- Oregon-Standard Mining Property (Grant Co.)	1956-1977
20	37	Mine Files -Out of State- South Carolina-Haile Gold Mine (Lancaster Co.)	1993
20	38	Mine Files -Out of State- Utah-Joy Claims Area (Millard Co.)	1985
20	39	Mine Files -Out of State- Utah-Little Assessment-Jubilee Mine (Washington Co.)	1970-1981
20	40	Mine Files -Out of State- Utah-Webb Claims (Washington Co.)	1986
20	41	Mine Files -Out of State- Utah-Yucca Claims (Washington Co.)	1981
20	42	Mine Files -Out of State- Wyoming-Irigaray Uranium Mine (Johnson Co.)	1976
20	43	Mine Files -Out of State- Wyoming-Sweetwater Peach Uranium Property (Freemont County)	1977-1979
21	1	Mine Files -IMI Property Database- Alaska	1988
21	2	Mine Files -IMI Property Database- Arizona (1 of 7)	1988
21	3	Mine Files -IMI Property Database- Arizona (2 of 7)	1988
21	4	Mine Files -IMI Property Database- Arizona (3 of 7)	1988
21	5	Mine Files -IMI Property Database- Arizona (4 of 7)	1988

21	6	Mine Files-IMI Property Database-Arizona (5 of 7)	1988
21	7	Mine Files-IMI Property Database-Arizona (6 of 7)	1988
21	8	Mine Files-IMI Property Database-Arizona (7 of 7)	1988
21	9	Mine Files-IMI Property Database-California (1 of 3)	1988
21	10	Mine Files-IMI Property Database-California (2 of 3)	1988
21	11	Mine Files-IMI Property Database-California (3 of 3)	1988
21	12	Mine Files-IMI Property Database-Canada (1 of 4)	1988
22	1	Mine Files-IMI Property Database-Canada (2 of 4)	1988
22	2	Mine Files-IMI Property Database-Canada (3 of 4)	1988
22	3	Mine Files-IMI Property Database-Canada (4 of 4)	1988
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22	5	Mine Files-IMI Property Database-Colorado (2 of 2)	1988
22	6	Mine Files-IMI Property Database-Georgia	1988
22	7	Mine Files-IMI Property Database-Idaho (1 of 3)	1988
22	8	Mine Files-IMI Property Database-Idaho (2 of 3)	1988
22	9	Mine Files-IMI Property Database-Idaho (3 of 3)	1988
22	10	Mine Files-IMI Property Database-Index	1988
22	11	Mine Files-IMI Property Database-Maine	1988
22	12	Mine Files-IMI Property Database-Mexico	1988
22	13	Mine Files-IMI Property Database-Nevada (1 of 6)	1988
22	14	Mine Files-IMI Property Database-Nevada (2 of 6)	1988
22	15	Mine Files-IMI Property Database-	1988

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22	16	Mine Files -IMI Property Database- Nevada (4 of 6)	
23	1	Mine Files -IMI Property Database- Nevada (5 of 6)	1988
23	2	Mine Files -IMI Property Database- Nevada (6 of 6)	1988
23	3	Mine Files -IMI Property Database- New Jersey	1988
23	4	Mine Files -IMI Property Database- New Mexico (1 of 2)	1988
23	5	Mine Files -IMI Property Database- New Mexico (2 of 2)	1988
23	6	Mine Files -IMI Property Database- New York	1988
23	7	Mine Files -IMI Property Database- North Carolina	1988
23	8	Mine Files -IMI Property Database- Oregon	1988
23	9	Mine Files -IMI Property Database- South Carolina	1988
23	10	Mine Files -IMI Property Database- Texas	1988
23	11	Mine Files -IMI Property Database- Utah (1 of 2)	1988
23	12	Mine Files -IMI Property Database- Utah (2 of 2)	1988
23	13	Mine Files -IMI Property Database- Washington	1988
23	14	Mine Files -IMI Property Database- Wyoming	1988
23	15	Mining Companies - ABEX Ltd.	1988
23	16	Mining Companies - Akyem Abuakwa Development Finance Company Ltd. (1 of 2)	1986-1988
23	17	Mining Companies - Akyem Abuakwa Development Finance Company Ltd. (2 of 2)	1988
23	18	Mining Companies - Apache International Mining Company	1980
23	19	Mining Companies - Apache Oro Company	1986-1987

23	20	Mining Companies- Arizona Beryllium Company	1917-1968
23	21	Mining Companies- AZL Mineral	1980-1981
23	22	Mining Companies- AZL Resources, Inc.	1980-1981
23	23	Mining Companies- Bi-Metals Recovery Systems, Inc.	1987-1992
23	24	Mining Companies- Bisbee Gold Hill Production Company	1937
23	25	Mining Companies- California Rand Silver Incorporated	1921-1924
23	26	Mining Companies- Campbell Investments	1980-1986
23	27	Mining Companies- Can-Ex Resources Ltd.	1986
23	28	Mining Companies- Colorado Mining Company	N.D.
23	29	Mining Companies- Cripple Creek Gold Production Company	1978-1979
23	30	Mining Companies- Dixon-Western Chemicals, Inc.	1959
23	31	Mining Companies- Dysar Resources, Inc.	1982
23	32	Mining Companies- Falcon Mining & Explorations Co. (1 of 2)	1983
24	1	Mining Companies- Falcon Mining & Explorations Co. (2 of 2)	1984
24	2	Mining Companies- Fischer-Watt Mining Company-American Mine	1985-1990
24	3	Mining Companies- Fischer-Watt Mining Company-General (1 of 3)	1986
24	4	Mining Companies- Fischer-Watt Mining Company-General (2 of 3)	1986-1991
24	5	Mining Companies- Fischer-Watt Mining Company-General (3 of 3)	N.D.
24	6	Mining Companies- Fred Goldman & Associates Consulting Engineers	1990-1992
24	7	Mining Companies- Gila Mines Corporation (1 of 4)	1978-1981
24	8	Mining Companies- Gila Mines Corporation (2 of 4)	1981-1982
24	9	Mining Companies-	1982-1983

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24	10	Mining Companies- Gila Mines Corporation (4 of 4) (Photos)	1981-1982
24	11	Mining Companies- Gila Mines Corporation-Geologic Report for Reveille Claims, Nye Co, NV (1 of 2)	1982
24	12	Mining Companies- Gila Mines Corporation-Geologic Report for Reveille Claims, Nye Co, NV (1 of 2)	1982
24	13	Mining Companies- Gladiator Mining Corporation	1983
24	14	Mining Companies- Gladiator Operating Corporation	1990
24	15	Mining Companies- Gold Bug Mining Inc.	1985-1989
25	1	Mining Companies- Helena Silver Mines, Inc.	1987
25	2	Mining Companies- Hendricks Mining Company	1979
25	3	Mining Companies- High Country Mining & Exploration	1986
25	4	Mining Companies- Homestake Mining Company	1978
25	5	Mining Companies- Idora Silver Mines, Inc.	1986-1988
25	6	Mining Companies- Inspiration Gold Inc.	1986-1987
25	7	Mining Companies- Inspiration Mines Incorporated (1 of 3)	1984-1986
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25	9	Mining Companies- Inspiration Mines Incorporated (3 of 3)	1986
25	10	Mining Companies- Jayes Holdings International Inc.	1980-1981
25	11	Mining Companies- Lucky Chance Mining Company, Inc.	1974-1981
25	12	Mining Companies- Middle Golconda Mines Co.	N.D.
25	13	Mining Companies- Minas del Nayar S.A. de C.V	1982
25	14	Mining Companies-	N.D.

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25	15	Mining Companies- Mines West Inc. (2 of 8)	1952-1989
25	16	Mining Companies- Mines West Inc. (3 of 8)	1989
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25	18	Mining Companies- Mines West Inc. (5 of 8)	1990
25	19	Mining Companies- Mines West Inc. (6 of 8)	1990-1991
25	20	Mining Companies- Mines West Inc. (7 of 8)	1961-1991
25	21	Mining Companies- Mines West Inc. (8 of 8)	1989
26	1	Mining Companies- Mining & Investments Co.	1978
26	2	Mining Companies- Minstral Mines N.L.	1990
26	3	Mining Companies- Molybdenum Corporation of America	1967-1969
26	4	Mining Companies- Moss Enterprises, Inc.	1984
26	5	Mining Companies- Mystic Mining Company	1973-1979
26	6	Mining Companies- National Gold Corporation	1932
26	7	Mining Companies- Nevada Pacific Mining Company (1 of 3)	N.D.
26	8	Mining Companies- Nevada Pacific Mining Company (2 of 3)	1982-1984
26	9	Mining Companies- Nevada Pacific Mining Company (3 of 3)	N.D.
26	10	Mining Companies- Nevada Star Resources Corporation (1 of 2)	1984-1992
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26	12	Mining Companies- New Gold Inc.	N.D.
26	13	Mining Companies- Nor-Quest Arizona Inc.	1998-1999
26	14	Mining Companies- Oatman Gold Mining and Milling Co.	1919-1984

26	15	Mining Companies- Original Sixteen To One Mine, Inc.	1979
26	16	Mining Companies- Orion Gold and Copper Co.	N.D.
26	17	Mining Companies- Pacific Gold Mines, Inc.	1991
26	18	Mining Companies- Pacific Sentinel Gold Corporation (1 of 3)	1908-1909
26	19	Mining Companies- Pacific Sentinel Gold Corporation (2 of 3)	1909-1964
26	20	Mining Companies- Pacific Sentinel Gold Corporation (3 of 3)	1990-1991
26	21	Mining Companies- Pan American Diamond Corp.	1992
26	22	Mining Companies- Phelps Dodge Corporation (1 of 6)	1907-1938
26	23	Mining Companies- Phelps Dodge Corporation (2 of 6)	1938-1950
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26	25	Mining Companies- Phelps Dodge Corporation (4 of 6)	1898-1969
27	1	Mining Companies- Phelps Dodge Corporation (5 of 6)	1936-1959
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27	5	Mining Companies- Satellite Mining Corporation	1981
27	6	Mining Companies- Southern Lead Company, Dallas, TX	1968
27	7	Mining Companies- St. George Metals, Inc. (1 of 2)	1991-1992
27	8	Mining Companies- St. George Metals, Inc. (2 of 2)	1992-1993
27	9	Mining Companies- Summit Silver, Inc.	1986-1989
27	10	Mining Companies- Sun Gold Limited (1 of 2)	N.D.
27	11	Mining Companies-	N.D.

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27	12	Mining Companies- Superior Companies-Camp Verde Gypsum Project	N.D.
27	13	Mining Companies- Superior Companies-General (1 of 9)	N.D.
27	14	Mining Companies- Superior Companies-General (2 of 9)	N.D.
27	15	Mining Companies- Superior Companies-General (3 of 9)	1921-1971
27	16	Mining Companies- Superior Companies-General (4 of 9)	1971-1986
27	17	Mining Companies- Superior Companies-General (5 of 9)	1986-1993
27	18	Mining Companies- Superior Companies-General (6 of 9)	1958-1969
27	19	Mining Companies- Superior Companies-General (7 of 9)	N.D.
27	20	Mining Companies- Superior Companies-General (8 of 9)	N.D.
28	1	Mining Companies- Superior Companies-General (1 of 9)	N.D.
28	2	Mining Companies- Superior Companies-Sam Powell Peak (Yavapai Co.)	1986-1988
28	3	Mining Companies- Superior Companies-Sedimentation and Stratigraphy of the Verde Formation (Pliocene), Yavapai Co., AZ (1 of 2)	1972
28	4	Mining Companies- Superior Companies-Sedimentation and Stratigraphy of the Verde Formation (Pliocene), Yavapai Co., AZ (2 of 2)	1972
28	5	Mining Companies- Terra Mining Company	1988
28	6	Mining Companies- U.S. Power Systems, Inc.	1987-1990
28	7	Mining Companies- Vanderbilt Gold Corporation	1983-1993
28	8	Mining Companies- Weaver Mountain Mining Company (1 of 2)	1982
28	9	Mining Companies- Weaver Mountain Mining Company (2 of 2)	1983
28	10	Mining Companies-	N.D.

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28	11	Mining Companies- Yarnell Mining Company	1998
28	12	Mining Companies- Yuba Placer Gold Company	1985
28	13	Mining Companies- Yuccura Mining Company	N.D.
28	14	Mining Companies- Zel-Tec Mining Ltd.(1 of 2)	1989
28	15	Mining Companies- Zel-Tec Mining Ltd.(2 of 2)	1989
28	16	Reports- 60 th Annual Report & Roster-State Board of Registration for Professional Engineers and Surveyors	1994
28	17	Reports- Analysis and Design of Open-Pit Slope Angles at Inspiration, AZ	1976
28	18	Reports- Annual Review of the World Copper Industry	1986
28	19	Reports- Appendix A-Part I, Idaho, Oregon, and Washington to accompany the Progress Report on the Northwest Precious Metals Recon for 1986	1986
28	20	Reports- Appendix A-Part II, Montana (part I)(Broadwater, Fergus, Granite, Liberty, and Lewis and Clark Counties) to accompany the progress report on the Northwest Precious Metals Recon for 1986	1986
28	21	Reports- Appendix A-Part III, Montana (part 2)(Madison, Meagher, and Mineral Counties) to accompany the progress report on the Northwest Precious Metals Recon for 1986	1986
29	1	Reports- Appendix A-Part IV, Montana (part 3)(Powell, Silver Bow, and Toole Counties) to accompany the progress report on the Northwest Precious Metals Recon for 1986	1986
29	2	Reports- Arizona Department of Mines and Mineral Resources Annual Report 1994-1995	1994-1995
29	3	Reports-	1997-1998

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29	4	Reports- Australian Geomechanics Society Rock Fragmentation, Volume I & II	1973
29	5	Reports- Brief History Mining Operations Searchlight Playa	1983-1986
29	6	Reports- Cole Placer Project, Kern and San Bernardino Counties California-Phase One Final Report	1984
29	7	Reports- Conceptual Design and Engineering, Economic and Environmental Analysis of Surface Pit Slope Caving Mining System-Final Report (1 of 5)	1977
29	8	Reports- Conceptual Design and Engineering, Economic and Environmental Analysis of Surface Pit Slope Caving Mining System-Final Report (2 of 5)	1977
29	9	Reports- Conceptual Design and Engineering, Economic and Environmental Analysis of Surface Pit Slope Caving Mining System-Final Report (3 of 5)	1977
29	10	Reports- Conceptual Design and Engineering, Economic and Environmental Analysis of Surface Pit Slope Caving Mining System-Final Report (4 of 5)	1977
29	11	Reports- Conceptual Design and Engineering, Economic and Environmental Analysis of Surface Pit Slope Caving Mining System-Final Report (5 of 5)	1977
29	12	Reports- Conceptual Design & Engineering Analysis of Surface Pit Slope Caving Mining System-Meeting Minutes	1976
29	13	Reports- Conceptual Design & Engineering Analysis of Surface Pit Slope Caving Mining System-Meeting Minutes	1976
29	14	Reports- Conceptual Design & Engineering Analysis of Surface Pit Slope Caving Mining System-Meeting Minutes	1976-1977
29	15	Reports- Conceptual Design and Engineering, Economic and Environmental Analysis of Surface Pit Slope Caving Mining System Phase I (1 of 2)	1977

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29	17	Reports- Conceptual Design and Engineering, Economic and Environmental Analysis of Surface Pit Slope Caving Mining Systems- Phase I -Oral Presentation	1977
29	18	Reports- Confidential Report-Bruce J. Clayman Gold Concession, Grand Gedah and Maryland Counties, Liberia, West Africa (1 of 3)	1980
29	19	Reports- Confidential Report-Bruce J. Clayman Gold Concession, Grand Gedah and Maryland Counties, Liberia, West Africa (2 of 3)	1980
29	20	Reports- Confidential Report-Bruce J. Clayman Gold Concession, Grand Gedah and Maryland Counties, Liberia, West Africa (2 of 3)	1980
30	1	Reports- Custom Mill Project and Mohave County Mining Project Report	1977
30	2	Reports- Development of an Open Pit Limit and Calculation of Ore Reserves	1972-1976
30	3	Reports- Development of an Open Pit Limit and Calculation of Ore Reserves and Open Pit Quality Control Techniques	1975
30	4	Reports- Drainage Handbook for Surface Mining-West Virginia Department of Natural Resources	1975
30	5	Reports- Dysar Resources Ltd. Newsboy Property Private Limited Partnership Offering	1982
30	6	Reports- Economic Evaluation Report of the Cerro Colorado Project	1968
30	7	Reports- An Economic Examination of the Cecil-Argo Claim Group, Clear Creek County, Colorado	N.D.
30	8	Reports- Evaluation of the Gold Mining Potential on the	1986

		Bogosu Prospecting Licence Area, Southwestern Ghana (1 of 3)	
30	9	Reports- Evaluation of the Gold Mining Potential on the Bogosu Prospecting Licence Area, Southwestern Ghana (2 of 3)	1986
30	10	Reports- Evaluation of the Gold Mining Potential on the Bogosu Prospecting Licence Area, Southwestern Ghana (3 of 3)	1986
30	11	Reports- Feasibility of Using the Surface Pit Slope Caving Mining System in the Southeastern Idaho Phosphate Mining District (Photos)	1978
30	12	Reports- Feasibility Study of the McFadden Peak Fluorspar Property, Gila County, Arizona for Triangle Mining Company, Phase I (1 of 3)	1978
30	13	Reports- Feasibility Study of the McFadden Peak Fluorspar Property, Gila County, Arizona for Triangle Mining Company, Phase I (2 of 3)	1978
30	14	Reports- Feasibility Study of the McFadden Peak Fluorspar Property, Gila County, Arizona for Triangle Mining Company, Phase I (3 of 3)	1978
30	15	Reports- Feasibility Study Stage 2-The Bayard Division United States Smelting Refining and Mining Company	1971
30	16	Reports- Feasibility Report Stage II-Bayard Division United States Smelting, Mining, & Refining Company- Appendices (1 of 2)	1971
30	17	Reports- Feasibility Report Stage II-Bayard Division United States Smelting, Mining, & Refining Company- Appendices (2 of 2)	1971
30	18	Reports- Feasibility Study of the McFadden Peak Fluorspar Property Gila County, Arizona for Triangle Mining Company, Addendum I to Phase I	1979
30	19	Reports- Geologic Report, Kolt Mining Company, Milford Project, Milford, UT	1988
30	20	Reports-	1981

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30	21	Reports- Geological and Geophysical Investigations of the Copper World Mine Standard Copper Corporation	1966
31	1	Reports- Geological Society of Nevada Luncheon	1987
31	2	Reports- GPM Sirana Placer Gold Concession Mandiana Prefecture Guinea, West Africa Feasibility Study	1990
31	3	Reports- Green Hill Mining Venture 1988 Confirmation Drilling Results and Placer Reserves Evaluation	1988-1989
31	4	Reports- Guide to US Precious Metal Property Transactions (1 of 2)	1984
31	5	Reports- Guide to US Precious Metal Property Transactions (2 of 2)	1984
31	6	Reports- The Hatch Report (1 of 2)	1987
31	7	Reports- The Hatch Report (2 of 2)	1987
31	8	Reports- How to Mine and Prospect for Placer Gold	1979
31	9	Reports- International Sublevel Caving Symposium in Stockholm, September 1972	1972
31	10	Reports- Manual Planning Units for B.L.M. Hualapai, Black Mountains, Aquarius	N.D.
31	11	Reports- Nome, Alaska	1974
31	12	Reports- Occurrences of Tellurium Minerals and Associated Selenium Minerals In the United States	1920-1963
31	13	Reports- On-The-Job Training Modules for Surface Metal and Nonmetal Mines	1988-1989
31	14	Reports- Operations Review of Questa Mine for Molybdenum Corporation of America	1969
31	15	Reports- Oro Blanco, Ltd.	1982
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31	19	Reports- Preliminary Examination and Ore Dressing Studies of the Atolia Placer Deposits on the Cole Leases (2 of 4)	1979
31	20	Reports- Preliminary Examination and Ore Dressing Studies of the Atolia Placer Deposits on the Cole Leases (3 of 4)	1979
32	1	Reports- Preliminary Examination and Ore Dressing Studies of the Atolia Placer Deposits on the Cole Leases (4 of 4)	1979
32	2	Reports- Preliminary Report Lode Star Mining Claims Picacho Mining District Imperial County, CA	1972
32	3	Reports- Present and Future Questa Mine Review For St. Joe Minerals Corporation	1976
32	4	Reports- Ranchers Gold and Silver Exploration Program-1980	1980
32	5	Reports- Randsburg Placer Gold Project-Mining Feasibility Study	1985
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32	16	Reports- Wallapai Dump Leaching Project Report for Mountain States Consultants Resources Division	1981-1982
32	17	Reports- Water Acquisition For Mineral Development by Rocky Mountain Mineral Law Foundation	1978
32	18	Reports-Property Reports- Bachelor Mountain Status Report-Agreements Appendix	1977
32	19	Reports- Property Reports- Appendices	1977
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33	2	Reports-Property Reports- Bachelor Mountain Status Report-Drill Holes, 2 of 3	1977

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33	4	Reports-Property Reports- Bachelor Mountain Status Report-Metallurgical Appendix Book 2	1977
34	1	Reports-Property Reports- Bachelor Mountain Status Report-Mineral Inventory Appendix	1977
34	2	Reports-Property Reports- Bachelor Mountain Status Report-Mining Appendix	1977
35	1	Reports-Property Reports- Big Bend Gold Property (Yavapai Co., AZ) (Photos)	19894- 1985
35	2	Reports-Property Reports- Chisna River Placer Gold Property, Chistochina Mining District, Alaska	1985
35	3	Reports-Property Reports- Chisna River Placer Gold Property, Chistochina Mining District, Alaska-Appendix Volume	1985
35	4	Reports-Property Reports- Cole Leases Atolia Mining District Refraction Seismic Survey (1 of 2)	1979
35	5	Reports-Property Reports- Cole Leases Atolia Mining District Refraction Seismic Survey (2 of 2)	1979
35	6	Reports-Property Reports- Creede Mine Planning-Summary Report	1977
35	7	Reports-Property Reports- Creede Mine Planning-Volume I, Computerized Mineral Inventory Conceptual Pit Mine Design	1977
35	8	Reports-Property Reports- Creede Mine Planning-Volume II, Mineral Inventory 15 Foot Benches (1 of 2)	1977
35	9	Reports-Property Reports- Creede Mine Planning-Volume II, Mineral Inventory 15 Foot Benches (1 of 2)	1977
35	10	Reports-Property Reports- Creede Mine Planning-Volume III, Mineral Inventory 10 Foot Benches (1 of 2)	1977
35	11	Reports-Property Reports- Creede Mine Planning-Volume III, Mineral	1977

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35	13	Reports-Property Reports- Economic Analysis of the Copper Lode Property in Inyo County, CA (1 of 2)	1985
35	14	Reports-Property Reports- Economic Analysis of the Copper Lode Property in Inyo County, CA (2 of 2)	1985
35	15	Reports-Property Reports- Executive Summary Snowstorm Placer Gold Property, Park County, CO	1984
35	16	Reports-Property Reports- Final Report of Exploration Program of Cole Leases Atolia Mining District San Bernardino and Kern Counties, CA-Vol. I	1979
35	17	Reports-Property Reports- Geographical and Statistical Comparison of Churn and Caisson Drill Results at a Deep Placer Deposit	1985
35	18	Reports-Property Reports- Gold Bug Group, Broadwater County, MT	1969-1983
35	19	Reports-Property Reports- Golden Hillside Property, Apache Junction, AZ	1982
35	20	Reports-Property Reports- Gold Placer Exploration Proposal for the Middle Kuskokwim Region	1985
35	21	Reports-Property Reports- Gold Placer Project, Offshore Nome, AK	1985
35	22	Reports-Property Reports- Ice Lake Basin Area, San Juan County, CO	1981-1982
35	23	Reports-Property Reports- Kimberly Gold Property, Marshall Lake Mining District, Idaho County, ID	1986
35	24	Reports-Property Reports- Kino Property, Magdalena ,Sonora, Mexico	N.D.
35	25	Reports-Property Reports- Map Folio To Final Report of Exploration Program of Cole Leases Atolia Mining District San Bernardino and Kern Counties, CA-Vol.III	1979
35	26	Reports-Property Reports- Mellgren Mines, Cochise Co, AZ	1928
35	27	Reports-Property Reports- Nome Marine Placer Project Benefication Plant Commissioning Aboard Kokohead Barge	1985

35	28	Reports-Property Reports- Overview of the Argus Gold Project, Inyo, County, CA	1986-1989
35	29	Reports-Property Reports- Paul's Barite Property, San Bernardino, CA	1983
36	1	Reports-Property Reports- Pike's Peak Mine (Maricopa Co.)	1941-1983
36	2	Reports-Property Reports- Polar Drilling Company	1984
36	3	Reports-Property Reports- Preliminary Engineering Report Cherry Hill Property, Colusa County, CA	1978
36	4	Reports-Property Reports- Punkin Glow Mining Claims (Maricopa Co., AZ)	1987
36	5	Reports-Property Reports- Sampling and Testing of a Gold-Scheelite Placer Deposit in the Mohave Desert, Kern and San Bernardino Counties, CA	1937
36	6	Reports-Property Reports- Santa Maria River Properties	1897-1992
36	7	Reports-Property Reports- Silver Button Claims	1981-1982
36	8	Reports-Property Reports- Snowstorm Placer Gold Mine, Park County, CO	N.D.
36	9	Reports-Property Reports- Sonic Core Drilling of Placers	1983
36	10	Reports-Property Reports- Stray Elephant Project	1990
36	11	Reports-Property Reports- Summary of Turbulence Data From Rivers, Conveyance Channels and Laboratory Flumes	1973
36	12	Reports-Property Reports- Sunrise Mine (Maricopa County, AZ)	1988
36	13	Reports-Property Reports- The Tertiary Gravels of the Sierra Nevada of California (1 of 2)	1911
36	14	Reports-Property Reports- The Tertiary Gravels of the Sierra Nevada of California (1 of 2)	1911
36	15	Reports-Property Reports- Trails End Property, Crooks Canyon Area, Yavapai County, AZ	1983-1990
36	16	Reports-Property Reports-	1981

		Tule Canyon Placer Deposit, Esmeralda County, NV	
36	17	Reports -Property Reports- Tule Canyon, Esmeralda County, NV, Supplemental Report	1981
36	18	Reports -Property Reports- Wakely Placer Gold Mines, Sierra County, NM	N.D.
36	19	Reports -Property Reports- War Minerals Reports (1 of 4)	1942-1945
36	20	Reports -Property Reports- War Minerals Reports (2 of 4)	1942-1945
36	21	Reports -Property Reports- War Minerals Reports (3 of 4)	1942-1945
36	22	Reports -Property Reports- War Minerals Reports (4 of 4)	1942-1945
36	23	Research Files - Adobe Dame Sewer Tunnel (1 of 2)	1985-1994
36	24	Research Files - Adobe Dame Sewer Tunnel (2 of 2)	1985-1994
36	25	Research Files - Ajo, Arizona	1916-1999
36	26	Research Files - Angola (Photos)	1973
36	27	Research Files - Appointment to Arizona Department of Mines	1993-1994
36	28	Research Files - Aquifer Protection Permits (1 of 3)	1977-1990
36	29	Research Files - Aquifer Protection Permits (2 of 3)	1990-1991
36	30	Research Files - Aquifer Protection Permits (3 of 3)	1991-1992
37	1	Research Files - Argo (Newhouse) Tunnel	N.D.
37	2	Research Files - Arizona Folklore Preserve	1997-1998
37	3	Research Files - Arizona Gold Bets	1996
37	4	Research Files - Arizona Gold History	1992
37	5	Research Files - Arizona State Mine Inspector	1987-1989
37	6	Research Files - Barrett Mines	1992
37	7	Research Files -	1983-1984

		Belly Up Minerals and Salvage Inc.	
37	8	Research Files- Boras Head Frame	N.D.
37	9	Research Files- Bureau of Land Management (BLM) (1 of 2)	1971-1989
37	10	Research Files- Bureau of Land Management (BLM) (2 of 2)	1991-1994
37	11	Research Files- Bureau of Mine Reports	1960-1962
37	12	Research Files- California Topographical Maps	1948-1971
37	13	Research Files- Cananea Consolidated Copper Company	1906-1988
37	14	Research Files- Carefree Survey	1905-1993
37	15	Research Files- Cerro Gordo Mineral Exploration Program	1967
37	16	Research Files- Coal	1978
37	17	Research Files- Cochise Quarterly Articles	1989-1990
37	18	Research Files- Computer Systems	1971-1977
37	19	Research Files- Copper	1907-1980
37	20	Research Files- Copper Canyon	1999
37	21	Research Files- The Copper Handbook and the Mines (1 of 2)	1904-1920
37	22	Research Files- The Copper Handbook and the Mines (2 of 2)	1922-1926
37	23	Research Files- Copper in Arizona	1995
37	24	Research Files- Copper Oxide Deposits	1967
37	25	Research Files- <i>Destination Tombstone</i> (1 of 2)	1996
37	26	Research Files- <i>Destination Tombstone</i> (2 of 2)	1996
37	27	Research Files- Diaries of Marshall Bond, 1913-1915	1913-1915
37	28	Research Files- Energy Alternatives	1974-1976

37	29	Research Files- Equipment	N.D.
37	30	Research Files- Equipment Brochures	N.D.
37	31	Research Files- Eureka Survey	1992
37	32	Research Files- Federal Mine Opening Application	1978-1982
38	1	Research Files- Field Book (1 of 2)	1983
38	2	Research Files- Field Book (2 of 2)	1990
38	3	Research Files- Flintknapping	1994
38	4	Research Files- Geobulletin (1 of 2)	1990-1991
38	5	Research Files- Geobulletin (2 of 2)	1992-1994
38	6	Research Files- Geology and Mineralogy of the Morenci District	N.D.
38	7	Research Files- George M. Colvocoresses List of Mining Reports	1945
38	8	Research Files- Geothermal Resources (Minerals, oil and gas)	N.D.
38	9	Research Files- Globe/Miami Mining District	1993
38	10	Research Files- Gold-Arizona	1967-1982
38	11	Research Files- Gold-California (1 of 2)	1968-1983
38	12	Research Files- Gold-California (2 of 2)	1968-1983
38	13	Research Files- Gold-Colorado	1950-1968
38	14	Research Files- Gold-General	1981-1983
38	15	Research Files- Gold-Idaho	1948-1968
38	16	Research Files- Gold-Montana	1968-1983
38	17	Research Files- Gold-Nevada	1968-1983
38	18	Research Files-	1968-1982

		Gold-New Mexico	
38	19	Research Files- Gold-Oregon	1965-1968
38	20	Research Files- Gold-South Dakota	N.D.
38	21	Research Files- Gold-Utah	1968-1983
38	22	Research Files- Gold-Washington	1968-1983
38	23	Research Files- Gold-Wyoming	N.D.
38	24	Research Files- Gold Mining in Arizona	1994
38	25	Research Files- Gold Placer Mining (1 of 2)	1865-1984
38	26	Research Files- Gold Placer Mining (2 of 2)	1985-1989
38	27	Research Files- Golden Rae Floating Washplant	1990
38	28	Research Files- Goldfield Promotional Items	1991
38	29	Research Files- The Great Diamond Swindle	N.D.
38	30	Research Files- Greenway, John C. (Photos)	N.D.
39	1	Research Files- Grout	N.D.
39	2	Research Files- Heap Leaching	1981
39	3	Research Files- Historic Documents	1952-1962
39	4	Research Files- History 428-Class with James McBride on Arizona History	1992-1994
39	5	Research Files- History of Mining in Arizona	1996
39	6	Research Files- History of Mining in Arizona-Chapter II	N.D.
39	7	Research Files- Ida Maye Coggin	1932-1978
39	8	Research Files- IGI Archive Listing-Property Sort Index A-Z	1988
39	9	Research Files-	N.D.

		Instructor Training Course	
39	10	Research Files- Iron Ore	1905-1997
39	11	Research Files- Iron Oxide	1994-1999
39	12	Research Files- Kingman	N.D.
39	13	Research Files- Kriging	1978-1987
39	14	Research Files- Land Status Study	1980-1988
39	15	Research Files- Leaching	1974
39	16	Research Files- Level Book	1991
39	17	Research Files- Maps	1969-1985
39	18	Research Files- Mercur Mine, UT	1981-1983
39	19	Research Files- Mine Lasers	1989-1992
39	20	Research Files- Mine Lists	N.D.
39	21	Research Files- Mineral Collectors	1992-1995
39	22	Research Files- The Mineral Industry of Arizona	1975-1991
39	23	Research Files- Mineral Prospects (1 of 3)	1967-1976
39	24	Research Files- Mineral Prospects (2 of 3)	1977-1986
39	25	Research Files- Mineral Prospects (3 of 3)	1986
39	26	Research Files- <i>Mining and Scientific Press</i> Articles	1876-1905
39	27	Research Files- Mining Articles (1 of 2)	1964-1978
39	28	Research Files- Mining Articles (2 of 2)	1979-1980
39	29	Research Files- Mining Districts near Rio Colorado	N.D.
40	1	Research Files- Mining-General	1950-1995

40	2	Research Files- Mining History Association	1999
40	3	Research Files- Mining History News	1994-1995
40	4	Research Files- Mining in Mexico	1937-1970
40	5	Research Files- Mining in the Pacific Northwest	N.D.
40	6	Research Files- Miscellaneous Prospects	1978
40	7	Research Files- Modular Conveyor Train	1969
40	8	Research Files- Mohave Desert Travelog	N.D.
40	9	Research Files- Mormon Girl Mine	1896
40	10	Research Files- Mulchay Histories (Ronald Mulchay)	1940-1966
40	11	Research Files- Murphy, Frank M.(1 of 2)	1894-1917
40	12	Research Files- Murphy, Frank M.(2 of 2)	1951-1992
40	13	Research Files- Nelson Transportation Tunnel, Cerbat, Mohave County	1943
40	14	Research Files- North Carolina (1 of 2)	1910-1990
40	15	Research Files- North Carolina (2 of 2)	1991-1992
40	16	Research Files- Null and Void Mining Claims	1981-1983
40	17	Research Files- Oliver Horizontal Rotary Filter-Dorr-Oliver Incorporated	1959
40	18	Research Files- Open Pit Mining	N.D.
40	19	Research Files- Papago Minerals	1978-1991
40	20	Research Files- Paper-Roots of the C&A (Calumet and Arizona)	1993
40	21	Research Files- Patents	1974
40	22	Research Files- Phoenix and Area Groundwater	1954-1969
40	23	Research Files-	1990

		Phoenix Central Library Survey	
40	24	Research Files- Pit Slope Caving-Hand Calculated Stress Field	N.D.
40	25	Research Files- Poland Tunnel	1945
40	26	Research Files- Publications (Including articles, brochures, newsletters, pamphlets, etc.) (1 of 2)	1949-1966
40	27	Research Files- Publications (Including articles, brochures, newsletters, pamphlets, etc.) (2 of 2)	1972-1984
40	28	Research Files- Public Lands	1964-1982
40	29	Research Files- Publishers	N.D.
40	30	Research Files- Pyro Metalurgy	1960
40	31	Research Files- Reverse Circulation Drilling	N.D.
40	32	Research Files- Rockfill Dams	1966-1972
40	33	Research Files- Room Expansion Plan	1982
40	34	Research Files- Ross Engineers Ltd.	1959
41	1	Research Files- Ruby Gold Claims, Beaverhead County, Montana	1948-1963
41	2	Research Files- Sampling	1980
41	3	Research Files- Silver	1964-1981
41	4	Research Files- Silver Cross Leach Heaps	1982
41	5	Research Files- Skagway, Alaska	1978
41	6	Research Files- Smaller Mines and Prospects Near Congress, Yavapai County, AZ	1939-1945
41	7	Research Files- Society of Mining Engineers, Inc. (SME)	1987-1992
41	8	Research Files-	1965-1969

		Special Transport Systems	
41	9	Research Files- State Leasing Seminar	1990-1991
41	10	Research Files- State of Arizona Land Department-Leases	1979
41	11	Research Files- State of Arizona vs. Marvin R. Hatch and Della Darcine Hatch	1988
41	12	Research Files- Subsidence Control Plan	1992
41	13	Research Files- Superstition Mountains	1988
41	14	Research Files- Surveying Instruments	1988-1990
41	15	Research Files- Technical Bulletins	1946-1947
41	16	Research Files- Tiger, AZ	N.D.
41	17	Research Files- Tombstone Mines	1902-1997
41	18	Research Files- Tonopah Silver District, Nevada	1924
41	19	Research Files- Trail Dust Brochure (Photos)	1998
41	20	Research Files- Turquoise in the Americas	1992
41	21	Research Files- Unionville (Humboldt Range) Pershing County, NV	1977-1988
41	22	Research Files- Various Articles	1926-1978
41	23	Research Files- Verde Central Mining Company (Jerome, AZ)	1918-1996
41	24	Research Files- Virginia	N.D.
41	25	Research Files- Virginia City Quadrangle, Nevada	1950-1981
41	26	Research Files- Wallapai Dump Leach (1 of 3)	N.D.
41	27	Research Files- Wallapai Dump Leach (2 of 3)	N.D.
41	28	Research Files- Wallapai Dump Leach (3 of 3)	1981
41	29	Research Files- Wobblies and Deportation	1917-1993
41	30	Research Files-	1952-1978

		World Gold Deposits #1 (1 of 2)	
41	31	Research Files- World Gold Deposits #1 (2 of 2)	1952-1978
42	1	Research Files- World Gold Deposits #4 (1 of 2)	1978-1985
42	2	Research Files- World Gold Deposits #4 (2 of 2)	1978-1985
42	3	Research Files- Writings of H. Mason Coggin	1980-1991
42	4	Research Files- Wyoming	1991-1992