

ROLAND MULCHAY MINING COLLECTION INVENTORY

Casey Brown
Arizona Geological Survey

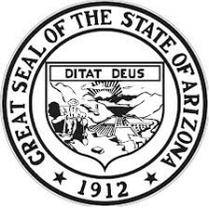


OPEN-FILE REPORT OFR-12-20

October 2012

Arizona Geological Survey

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Arizona Geological Survey

M. Lee Allison, State Geologist and Director

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Roland Mulchay mining collection inventory

by

Casey Brown

Arizona Geological Survey Open-File Report 12-20

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Introduction. In January 2011, the Arizona Department of Mines and Mineral Resources (ADMMR) was closed due to a lack of operating funds. Subsequently, Governor Jan Brewer signed into law a consolidation of ADMMR with the Arizona Geological Survey (AZGS), effective July 1, 2011. As part of this merger, AZGS took custody of all ADMMR files and assets. Governor Brewer's office requested AZGS inventory, catalog, and scan all ADMMR records and files to ensure their preservation and to improve accessibility to them by industry, government, and the public.

At the Governor's request, a one-time appropriation of \$100,000 was approved for AZGS in fiscal year 2012 (FY12) to digitize and preserve the ADMMR files. AZGS received an additional \$41,495 from the USGS National Geological and Geophysical Data Preservation Program for FY12.

Beginning in July 2011, AZGS undertook to inventory and catalog the analog files held by ADMMR, as the first step in what is expected to be a multi-year program to create a digital archive with complete metadata for all materials. Further, we plan to integrate the ADMMR data repository into a statewide system linked to the USGS National Digital Catalog and the USGS-AASG Geoscience Information Network (USGIN).

By August 2012, we completed collections level inventories of all materials in the ADMMR archives: 13,500 folders of mining records from 22 collections; approximately 10,000 maps in the ADMMR map collection; and 7,400 photographs from 6 collections. Collection inventories are available as free AZGS Open-File Reports at the AZGS Document Repository (repository.azgs.az.gov).

AZGS created a record for each item according to the ISO 19115 schema. This includes geographic bounding boxes, descriptions, thematic keywords, spatial keywords, temporal keywords and preservation metadata, which will be compatible with the USGIN catalog and the National Digital Catalog Metadata Profile. Once digitized, files will be accessible for download through the AZGS Document Repository and the USGS National Digital Catalog.

AccessionNumber

1995-01

Title

Roland Mulchay mining collection

Repository

Arizona Geological Survey

Creator

Mulchay, Roland

DateMin DateMax

1/1/1915 12/31/1986

Type

Collection

Size

10 linear feet

Description

Roland Mulchay was the chief geologist for the Anaconda mining company at Cananea. He either examined or received submittals and professional reports on many properties located in the southwestern U.S., northern Mexico and throughout the world. He was employed by Anaconda Mining Company and subsidiaries 1925 -1966. He retired as Assistant Chief Geologist February 1966. He then worked as a consulting geologist on various projects in United States, Mexico and South America. The collected files principally cover Arizona, Utah and Mexico.

Subject

Mines and mineral resources--Arizona; Geology, Economic--Arizona

Acquisition

It is believed that it was Roland's brother, James H. Mulchay, who donated the collection to the Arizona Department of Mines and Minerals in 1995. The Arizona Geological Survey received them from ADMMR in 2011 when it took custody of the agency's records.

Metadata Contact

Mining records curator

Address

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AZ

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85007

OrganizationName:

Arizona Geological Survey

Phone

602-771-1601

Website:

<http://www.azgs.az.gov>

AccessStatement

This collection is preliminarily processed and may require pre-screening before viewing. Please contact the Arizona Geological Survey for more information.

Roland Mulchay mining collection inventory

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0001	Princess Tin Mine		Alaska	United States	1/1/1906	12/31/1906
1995-01-0002	Ash Peak	Greenlee (AZ)	Arizona	United States	1/1/1919	12/31/1975
1995-01-0003	Atlas Copper Co.	Graham (AZ)	Arizona	United States	undated	
1995-01-0004	United Verde	Yavapai (AZ)	Arizona	United States	1/1/1971	12/31/1979
1995-01-0005	Ajo	Pima (AZ)	Arizona	United States	1/1/1945	12/31/1966
1995-01-0006	Bagdad Copper Co.	Yavapai (AZ)	Arizona	United States	1/1/1940	12/31/1952
1995-01-0007	Banner Mining Co. 1 of 3	Pima (AZ)	Arizona	United States	1/1/1962	12/31/1966
1995-01-0008	Banner Mining Co. 2 of 3	Pima (AZ)	Arizona	United States	1/1/1953	12/31/1966
1995-01-0009	Banner Mining Co. 3 of 3	Pima (AZ)	Arizona	United States	1/1/1962	12/31/1964
1995-01-0010	Belmont Copper Mininig Co.	Pinal (AZ)	Arizona	United States	1/1/1936	12/31/1936
1995-01-0011	Bisbee	Cochise (AZ)	Arizona	United States	1/1/1945	12/31/1956
1995-01-0012	Bisbee to Cananea Geology	Cochise (AZ)	Arizona	United States	1/1/1951	12/31/1952
1995-01-0013	Bronze King Mining Co.	Gila (AZ)	Arizona	United States	1/1/1930	12/31/1930
1995-01-0014	Christmas Mine	Pinal (AZ)	Arizona	United States	1/1/1957	12/31/1960
1995-01-0015	Copper Basin	Yavapai (AZ)	Arizona	United States	1/1/1938	12/31/1939
1995-01-0016	Courtland-Gleason area	Cochise (AZ)	Arizona	United States	1/1/1962	12/31/1970
1995-01-0017	Dover Copper	Greenlee (AZ)	Arizona	United States	1/1/1956	12/31/1962
1995-01-0018	Empire Mine	Santa Cruz (AZ)	Arizona	United States	1/1/1916	12/31/1916
1995-01-0019	Fairview Group	Yavapai (AZ)	Arizona	United States	1/1/1940	12/31/1940
1995-01-0020	Globe-Miami	Gila (AZ)	Arizona	United States	1/1/1947	12/31/1962
1995-01-0021	Gold Bar	Yavapai (AZ)	Arizona	United States	1/1/1931	12/31/1931
1995-01-0022	Gold Reef Group	Yavapai (AZ)	Arizona	United States	1/1/1936	12/31/1936
1995-01-0023	Helvetia East	Pima (AZ)	Arizona	United States	1/1/1964	12/31/1964
1995-01-0024	Hillside Mine	Yavapai (AZ)	Arizona	United States	1/1/1951	12/31/1951
1995-01-0025	Inspiration	Gila (AZ)	Arizona	United States	1/1/1930	12/31/1966
1995-01-0026	Intrusive Breccias	Cochise (AZ)	Arizona	United States	1/1/1971	12/31/1971

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0027	Katherine Gold District	Mohave (AZ)	Arizona	United States	1/1/1935	12/31/1935
1995-01-0028	King of Arizona (KOFA)	Yuma (AZ)	Arizona	United States	1/1/1942	12/31/1942
1995-01-0029	Klondyke Prospect	Graham (AZ)	Arizona	United States	1/1/1982	12/31/1982
1995-01-0030	Lakeshore	Pinal (AZ)	Arizona	United States	1/1/1921	12/31/1950
1995-01-0031	Magma	Pinal (AZ)	Arizona	United States	undated	
1995-01-0032	Miami	Gila (AZ)	Arizona	United States	1/1/1930	12/31/1952
1995-01-0033	Mineral Park	Mohave (AZ)	Arizona	United States	1/1/1965	12/31/1965
1995-01-0034	Mission	Pima (AZ)	Arizona	United States	1/1/1962	12/31/1965
1995-01-0035	Monte Cristo Mine	Yavapai (AZ)	Arizona	United States	1/1/1936	12/31/1936
1995-01-0036	Morenci	Greenlee (AZ)	Arizona	United States	1/1/1947	12/31/1950
1995-01-0037	North Star Mine	Yuma (AZ)	Arizona	United States	1/1/1936	12/31/1983
1995-01-0038	New Cornelia Ext. Copper Corp.	Pima (AZ)	Arizona	United States	1/1/1957	12/31/1957
1995-01-0039	Old Dominion	Gila (AZ)	Arizona	United States	1/1/1930	12/31/1930
1995-01-0040	Old Yuma	Pima (AZ)	Arizona	United States	1/1/1920	01/01/1952
1995-01-0041	Ox Bow (Golden Reef)	Gila (AZ)	Arizona	United States	1/1/1980	12/31/1980
1995-01-0042	Pacific Slope Gold Mines	Maricopa (AZ)	Arizona	United States	1/1/1921	12/31/1921
1995-01-0043	Park Hill	Pima (AZ)	Arizona	United States	1/1/1958	01/01/1966
1995-01-0044	Papago Queen Mine	Pima (AZ)	Arizona	United States	Item missing	
1995-01-0045	Ray Mines	Pinal (AZ)	Arizona	United States	1/1/1966	12/31/1966
1995-01-0046	Ray Silver Lead Mining Co	Pinal (AZ)	Arizona	United States	1/1/1919	12/31/1919
1995-01-0047	Red Bluff	Gila (AZ)	Arizona	United States	1/1/1952	12/31/1952
1995-01-0048	Red Mountain	Santa Cruz (AZ)	Arizona	United States	1/1/1975	12/31/1986
1995-01-0049	Ripsey or Norman Mine	Pinal (AZ)	Arizona	United States	1/1/1915	12/31/1915
1995-01-0050	Rob Roy	Yuma (AZ)	Arizona	United States	1/1/1934	12/31/1934
1995-01-0051	Saginaw Hill	Pima (AZ)	Arizona	United States	1/1/1962	12/31/1963
1995-01-0052	Sanchez Project	Graham (AZ)	Arizona	United States	1/1/1965	12/31/1975
1995-01-0053	San Manuel (Houghton Project)	Pinal (AZ)	Arizona	United States	1/1/1953	12/31/1969

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0054	Silver Bell	Pima (AZ)	Arizona	United States	1/1/1952	12/31/1956
1995-01-0055	Twin Buttes District	Pima (AZ)	Arizona	United States	1/1/1959	12/31/1965
1995-01-0056	Tyro (see Kathyrine Dist.)	Mohave (AZ)	Arizona	United States	1/1/1935	12/31/1936
1995-01-0057	Tyro	Mohave (AZ)	Arizona	United States	undated	
1995-01-0058	United Pilgrim Gold Mine	Mohave (AZ)	Arizona	United States	1/1/1931	12/31/1931
1995-01-0059	United Verde	Yavapai (AZ)	Arizona	United States	1/1/1946	12/31/1946
1995-01-0060	Bauer Tailings		California	United States	undated	
1995-01-0061	Boron	Kern (CA)	California	United States	undated	
1995-01-0062	Lear Placer	Plumas (CA), Sierra (CA)	California	United States	undated	
1995-01-0063	Meyer		California	United States	undated	
1995-01-0064	Pozo & Nipomo quads	San Luis Obispo (CA)	California	United States	undated	
1995-01-0065	Queen of Sheba	Inyo (CA)	California	United States	undated	
1995-01-0066	Quien Sabe Ranch	San Benito (CA)	California	United States	undated	
1995-01-0067	Alma District	Clear Creek (CO), Gilpin (CO)	Colorado	United States	undated	
1995-01-0068	Camp Bird Mine	San Juan (CO)	Colorado	United States	undated	
1995-01-0069	Climax Mine	Lake (CO)	Colorado	United States	undated	
1995-01-0070	Clover Mtn	Chaffee (CO), Gunnison (CO)	Colorado	United States	undated	
1995-01-0071	Oil Shale Project	Garfield (CO)	Colorado	United States	undated	
1995-01-0072	Star Mine	Gunnison (CO)	Colorado	United States	undated	
1995-01-0073	Golconda Mining Co	Shoshone (ID)	Idaho	United States	undated	
1995-01-0074	IdahoBarite-Ostler	Power (ID)	Idaho	United States	undated	
1995-01-0075	Keystone	Custer (ID)	Idaho	United States	undated	
1995-01-0076	Tischler	Lemhi (ID)	Idaho	United States	undated	
1995-01-0077	Higdon Mine	Perry (MO)	Missouri	United States	undated	
1995-01-0078	Maps of Iron Deposits		Missouri	United States	undated	

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0079	Aluminum		Montana	United States	undated	
1995-01-0080	Anaconda		Montana	United States	Item missing	
1995-01-0081	Borcherdt-Calvert & Lost Creek	Beaverhead (MT)	Montana	United States	undated	
1995-01-0082	Butte District		Montana	United States	undated	
1995-01-0083	Lory Free		Montana	United States	undated	
1995-01-0084	Moulton and Clark Mt. Rea vs. Anaconda		Montana	United States	undated	
1995-01-0085	Broadway		Montana	United States	undated	
1995-01-0086	Shea		Montana	United States	Item missing	
1995-01-0087	Sheridian Co. Oil		Montana	United States	undated	
1995-01-0088	Ruby Mine	Jefferson (MT)	Montana	United States	undated	
1995-01-0089	Hall Molybdenum 1 of 2	Nye (NV)	Nevada	United States	undated	
1995-01-0090	Hall Molybdenum 2 of 2	Nye (NV)	Nevada	United States	undated	
1995-01-0091	Kibbe	Lincoln (NV)	Nevada	United States	undated	
1995-01-0092	Bear Claims		Nevada	United States	undated	
1995-01-0093	Comet-Snyder		Nevada	United States	undated	
1995-01-0094	Barite	Elko (NV)	Nevada	United States	undated	
1995-01-0095	Darwin:Shoshone Leases		Nevada	United States	undated	
1995-01-0096	Luna Mine		Nevada	United States	undated	
1995-01-0097	Johnson Gold 1 of 2	Lincoln (NV)	Nevada	United States	undated	
1995-01-0098	Johnson Gold 2 of 2	Lincoln (NV)	Nevada	United States	Item missing	
1995-01-0099	Lagarmasino - Yearington		Nevada	United States	undated	
1995-01-0100	Osceola, NV Pilot Knob Ridge	White Pine (NV)	Nevada	United States	undated	
1995-01-0101	Pioche 1of 2	Lincoln (NV)	Nevada	United States	undated	
1995-01-0102	Pioche 2 of 2	Lincoln (NV)	Nevada	United States	undated	
1995-01-0103	Copper Chief		Nevada	United States	undated	
1995-01-0104	Shoshone Tecopa		Nevada	United States	undated	
1995-01-0105	Table Mtn Mining Co.	Churchill (NV)	Nevada	United States	undated	

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0106	Timberline-Hontoon	Mineral (NV)	Nevada	United States	undated	
1995-01-0107	Victoria	Elko (NV)	Nevada	United States	undated	
1995-01-0108	Wheeler Mtn	White Pine (NV)	Nevada	United States	undated	
1995-01-0109	Wilson Claims		Nevada	United States	undated	
1995-01-0110	Ambrosia Lake	McKinley (NM)	New Mexico	United States	undated	
1995-01-0111	Barite		Arizona, New Me	United States	undated	
1995-01-0112	Black Prince	Santa Fe (NM)	New Mexico	United States	undated	
1995-01-0113	Barber-Drill Babysitter		New Mexico	United States	undated	
1995-01-0114	Chino	Grant (NM)	New Mexico	United States	undated	
1995-01-0115	Grants	Grant (NM)	New Mexico	United States	undated	
1995-01-0116	Morgan Group	Dona Ana (NM)	New Mexico	United States	undated	
1995-01-0117	Peeler		New Mexico	United States	undated	
1995-01-0118	Silver City	Dona Ana (NM)	New Mexico	United States	undated	
1995-01-0119	Stauber Mine		New Mexico	United States	undated	
1995-01-0120	Toney Prospect	Hidalgo (NM)	New Mexico	United States	undated	
1995-01-0121	Winston Flourite		New Mexico	United States	undated	
1995-01-0122	Oregon		Oregon	United States	undated	
1995-01-0123	DOSECC		Pennsylvania	United States	undated	
1995-01-0124	Consolidated Natural Gas Co.		Pennsylvania	United States	undated	
1995-01-0125	Jeff Davis	Brewster (TX), Presidio (TX)	Texas	United States	undated	
1995-01-0126	Star Mine		Texas	United States	undated	
1995-01-0127	Apex		Utah	United States	undated	
1995-01-0128	Bingham	Salt Lake (UT), Tooele (UT)	Utah	United States	undated	
1995-01-0129	Budget		Utah	United States	undated	
1995-01-0130	Bawana	Beaver (UT)	Utah	United States	undated	
1995-01-0131	Dexter	Emery (UT)	Utah	United States	undated	

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0132	Dixon-Winnie	Beaver (UT)	Utah	United States	undated	
1995-01-0133	Dragon 1 of 7	Juab (UT)	Utah	United States	undated	
1995-01-0134	Dragon 2 of 7	Juab (UT)	Utah	United States	undated	
1995-01-0135	Dragon 3 of 7	Juab (UT)	Utah	United States	undated	
1995-01-0136	Dragon 4 of 7	Juab (UT)	Utah	United States	undated	
1995-01-0137	Dragon 5 of 7	Juab (UT)	Utah	United States	undated	
1995-01-0138	Dragon 6 of 7	Juab (UT)	Utah	United States	undated	
1995-01-0139	Dragon 7 of 7	Juab (UT)	Utah	United States	undated	
1995-01-0140	Empire		Utah	United States	undated	
1995-01-0141	Flourine		Utah	United States	undated	
1995-01-0142	Forminco Fluorite	Millard (UT)	Utah	United States	undated	
1995-01-0143	Gold Hill	Tooele (UT)	Utah	United States	undated	
1995-01-0144	Hart		Utah	United States	undated	
1995-01-0145	Huntington-Schoo	Beaver (UT)	Utah	United States	undated	
1995-01-0146	Location Notices and Fatal Grams		Utah	United States	undated	
1995-01-0147	Marysvale 1 of 2	Piute (UT), Sevier (UT)	Utah	United States	undated	
1995-01-0148	Marysvale 2 of 2	Piute (UT), Sevier (UT)	Utah	United States	undated	
1995-01-0149	Mid-Park Mining 1 of 2	Wasatch (UT)	Utah	United States	Item missing	
1995-01-0150	Mid-Park Mining 2 of 2	Wasatch (UT)	Utah	United States	undated	
1995-01-0151	Mystery-Sniffer	Beaver (UT)	Utah	United States	undated	
1995-01-0152	New Bingham	Salt Lake (UT)	Utah	United States	undated	
1995-01-0153	North Lilly		Utah	United States	undated	
1995-01-0154	Paradox Basin	San Juan (UT)	Utah	United States	undated	
1995-01-0155	Park City 1 of 3	Summit (UT)	Utah	United States	undated	
1995-01-0156	Park City 2 of 3		Utah	United States	undated	
1995-01-0157	Park City 3 of 3		Utah	United States	undated	

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0158	Scranton	Tooele (UT)	Utah	United States	undated	
1995-01-0159	Second Chance	Utah (UT)	Utah	United States	undated	
1995-01-0160	Spors Mt.1 of 3	Juab (UT)	Utah	United States	undated	
1995-01-0161	Spors Mt. 2 of 3	Juab (UT)	Utah	United States	undated	
1995-01-0162	Spors Mt. 3 of 3	Juab (UT)	Utah	United States	undated	
1995-01-0163	Steele		Utah	United States	undated	
1995-01-0164	Tintic District 1 of 4	Juab (UT)	Utah	United States	undated	
1995-01-0165	Tintic District 2 of 4	Juab (UT)	Utah	United States	undated	
1995-01-0166	Tintic District 3 of 4	Juab (UT)	Utah	United States	undated	
1995-01-0167	Tintic District 4 of 4	Juab (UT)	Utah	United States	undated	
1995-01-0168	Tripp Mine	Juab (UT)	Utah	United States	undated	
1995-01-0169	United Minerals	Grand (UT)	Utah	United States	undated	
1995-01-0170	Utah Tar Sands	Uintah (UT)	Utah	United States	undated	
1995-01-0171	Vipont Mine	Box Elder (UT)	Utah	United States	undated	
1995-01-0172	Wasatch Geology	Salt Lake (UT)	Utah	United States	undated	
1995-01-0173	Washington		Washington	United States	undated	
1995-01-0174	Iron Mountain		Wyoming	United States	undated	
1995-01-0175	Miscellaneousness		Wyoming	United States	undated	
1995-01-0176	Argentina 1970			Argentina	undated	
1995-01-0177	Argentina 1968			Argentina	undated	
1995-01-0178	Pachon Cu Property 1 of 2			Argentina	undated	
1995-01-0179	Pachon Cu Property 2 of 2			Argentina	undated	
1995-01-0180	Silver Spur Mine (1 of 4)		Brisbane	Australia	undated	
1995-01-0181	Silver Spur Mine (2 of 4)		Brisbane	Australia	undated	
1995-01-0182	Silver Spur Mine (3 of 4)		Brisbane	Australia	undated	
1995-01-0183	Silver Spur Mine (4 of 4)		Brisbane	Australia	undated	
1995-01-0184	Bolivia 1 of 7			Bolivia	undated	

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0185	Bolivia 2 of 7			Bolivia	undated	
1995-01-0186	Bolivia 3 of 7			Bolivia	undated	
1995-01-0187	Bolivia 4 of 7				undated	
1995-01-0188	Bolivia 5 of 7			Bolivia	undated	
1995-01-0189	Bolivia 6 of 7			Bolivia	undated	
1995-01-0190	Bolivia 7 of 7			Bolivia	undated	
1995-01-0191	San Jorge			Bolivia	undated	
1995-01-0192	Bolivia 1967			Bolivia	undated	
1995-01-0193	Bolivia 1969			Bolivia	undated	
1995-01-0194	Centenario El			Bolivia	Item missing	
1995-01-0195	British Columbia Reconnaissance			Canada	undated	
1995-01-0196	Canadian Exploration Ltd		British Columbia	Canada	undated	
1995-01-0197	Cayzdr Athabaska Mines Ltd.		Saskatchewan	Canada	undated	
1995-01-0198	Madawaska Mines Ltd		Ontario	Canada	undated	
1995-01-0199	Atacama			Chile	undated	
1995-01-0200	Braden Mine		Rancagua	Chile	undated	
1995-01-0201	Personal S. A. trip			Chile	undated	
1995-01-0202	Reports, Indexs, Etc - Mines to be visited			Chile	undated	
1995-01-0203	Potrerrillos			Chile	undated	
1995-01-0204	S.A. trip			Chile	undated	
1995-01-0205	S.A. trip			Chile	undated	
1995-01-0206	El Salvador			Chile	undated	
1995-01-0207	Chile			Chile	undated	
1995-01-0208			El Salvador	Chile	Item missing	
1995-01-0209	Indio Muerto District		Potrerrillos	Chile	undated	
1995-01-0210	Las Pintadas Mining		Atacama	Chile	undated	
1995-01-0211	Los Pozos District		Atacama	Chile	undated	

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0212	Por Si Acaso Mine		Atacama	Chile	undated	
1995-01-0213	San Pedro De Cachiyu Yo		Inca de Oro	Chile	undated	
1995-01-0214	Hoover Prospects			Colombia	undated	
1995-01-0215	Costa Rico Gold			Costa Rico	undated	
1995-01-0216	Guatemala Trip			Guatemala	undated	
1995-01-0217	Bauxite			Jamaica, Haiti	undated	
1995-01-0218	Alaska		Sonora	Mexico	undated	
1995-01-0219	Altar 1 of 2		Sonora	Mexico	undated	
1995-01-0220	Altar 2 of 2		Sonora	Mexico	undated	
1995-01-0221	Barrington		Sonora	Mexico	undated	
1995-01-0222	Belen Mine		Sonora	Mexico	undated	
1995-01-0223	Bella Union		Sonora	Mexico	undated	
1995-01-0224	Bessie Way		Sonora	Mexico	undated	
1995-01-0225	Big Ledge		Sonora	Mexico	undated	
1995-01-0226	Breccia Pipe Papers, 1 of 2		Sonora	Mexico	undated	
1995-01-0227	Breccia Pipe Papers 2 of 2		Sonora	Mexico	undated	
1995-01-0228	Cananea 1 of 2		Sonora	Mexico	undated	
1995-01-0229	Cananea 2 of 2		Sonora	Mexico	undated	
1995-01-0230	Carr Prospect		Sonora	Mexico	undated	
1995-01-0231	Cerro Prieto, 1of 2		Sonora	Mexico	undated	
1995-01-0232	Cerro Prieto, 2 of 2		Sonora	Mexico	undated	
1995-01-0233	Cerro Verde			Mexico	undated	
1995-01-0234	Chipriona Mine, Sauhvarip		Sonora	Mexico	undated	
1995-01-0235	Concepcion			Mexico	undated	
1995-01-0236	Copala		Sinaloa	Mexico	undated	
1995-01-0237	Copper Prince		Sonora	Mexico	undated	
1995-01-0238	Cosafina Mine		Sonora	Mexico	undated	

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0239	Creston Colorada		Sonora	Mexico	undated	
1995-01-0240	Cuatro Hermanos 1 of 6		Sonora	Mexico	undated	
1995-01-0241	Cuatro Hermanos 2 of 6		Sonora	Mexico	undated	
1995-01-0242	Cuatro Hermanos 3 of 6		Sonora	Mexico	undated	
1995-01-0243	Cuatro Hermanos 4 of 6		Sonora	Mexico	undated	
1995-01-0244	Cuarto Hermanos 5 of 6		Sonora	Mexico	undated	
1995-01-0245	Cuatro Hermanos 6 of 6		Sonora	Mexico	undated	
1995-01-0246	Cubana Mine		Sonara	Mexico	undated	
1995-01-0247	De Hoyos		Sonora	Mexico	undated	
1995-01-0248	Dolores Mine		Sonora	Mexico	undated	
1995-01-0249	Durango Central			Mexico	undated	
1995-01-0250	El Colmillo		Michoacan de Oc	Mexico	undated	
1995-01-0251	El Encanto Cateo			Mexico	undated	
1995-01-0252	El Gachi Mine		Sonora	Mexico	undated	
1995-01-0253	El Porvenir		Chihuahua	Mexico	undated	
1995-01-0254	El Tigre (Lucky Tiger)		Sonora	Mexico	undated	
1995-01-0255	El Trigo		Sonora	Mexico	undated	
1995-01-0256	Enrique Moreno		Sonora	Mexico	undated	
1995-01-0257	Estrella del Norte		Sonora	Mexico	undated	
1995-01-0258	Estrellas Mines			Mexico	undated	
1995-01-0259	Fortuna		Sonora	Mexico	undated	
1995-01-0260	Gachi Mine		Sonora	Mexico	undated	
1995-01-0261	Gardenas		Sonora	Mexico	undated	
1995-01-0262	Geographic - Articles			Mexico	undated	
1995-01-0263	Geological Congress 1956		Chihuahua	Mexico	undated	
1995-01-0264	Golf Course			Mexico	undated	
1995-01-0265	Guadalupe		Narcozina	Mexico	undated	

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0266	Guarache Rosa Morada		Guerrero	Mexico	undated	
1995-01-0267	Gueriguito & Puerto.Rico		Sonora	Mexico	undated	
1995-01-0268	Klondyke		Sonora	Mexico	undated	
1995-01-0269	La Bufa		Durango	Mexico	undated	
1995-01-0270	La Camocha 1 of 2		Chihuahua	Mexico	undated	
1995-01-0271	La Camocha 2 of 2		Chihuahua	Mexico	undated	
1995-01-0272	La Caridad		Sonora	Mexico	undated	
1995-01-0273	La Colorada		Sonora	Mexico	undated	
1995-01-0274	La Contingencia		Sonora	Mexico	undated	
1995-01-0275	La Esperanza		Baja California	Mexico	undated	
1995-01-0276	La Palma		Sonora	Mexico	undated	
1995-01-0277	La Promesa		Sonora	Mexico	undated	
1995-01-0278	La Sorpresa		Jalisco	Mexico	undated	
1995-01-0279	Lecture Series - Mexico		Chihuahua, Coah	Mexico	undated	
1995-01-0280	Loma Baya		Guerrero, Michoa	Mexico	undated	
1995-01-0281	Los Angeles Group		Sonora	Mexico	undated	
1995-01-0282	Manzanal District		Sonora	Mexico	undated	
1995-01-0283	Metallogenic Map			Mexico	undated	
1995-01-0284	Consejo De Recursos			Mexico	undated	
1995-01-0285	Las Mexicanas 1 of 6		Michoacan de Oc	Mexico	undated	
1995-01-0286	Las Mexicanas 2 of 6		Michoacan de Oc	Mexico	undated	
1995-01-0287	Las Mexicanas 3 of 6		Michoacan de Oc	Mexico	undated	
1995-01-0288	Las Mexicanas 4 of 6		Michoacan de Oc	Mexico	undated	
1995-01-0289	Las Mexicanas 5 of 6		Michoacan de Oc	Mexico	undated	
1995-01-0290	Las Mexicanas 6 of 6		Michoacan de Oc	Mexico	Item missing	
1995-01-0291	Mexicana Mine, 1 of 4		Michoacan de Oc	Mexico	undated	
1995-01-0292	Mexicana Mine Reports 2 of 4		Michoacan de Oc	Mexico	undated	

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0293	Mexicana Mine Reports 3 of 4		Michoacan de Oc	Mexico	undated	
1995-01-0294	Mexicana Mine Reports 4 of 4		Michoacan de Oc	Mexico	undated	
1995-01-0295	Mina Mercedes 1 of 4		Sonora	Mexico	undated	
1995-01-0296	Mina Mercedes 2 of 4		Sonora	Mexico	undated	
1995-01-0297	Mina Mercedes 3 of 4		Sonora	Mexico	undated	
1995-01-0298	Mina Mercedes 4 of 4		Sonora	Mexico	undated	
1995-01-0299	Mines in Sinaloa		Sinaloa	Mexico	Item missing	
1995-01-0300	Monte Cristo		Sonora	Mexico	undated	
1995-01-0301	Nation Group		Sonora	Mexico	undated	
1995-01-0302	Nacozari District 1 of 2		Sonora	Mexico	undated	
1995-01-0303	Nacozari District 2 of 2		Sonora	Mexico	undated	
1995-01-0304	Nacozari Expenses		Sonora	Mexico	undated	
1995-01-0305	Nacozari Fieldnotes		Sonora	Mexico	undated	
1995-01-0306	Nuestra Senoria		Sinaloa	Mexico	undated	
1995-01-0307	Oposura		Sonora	Mexico	undated	
1995-01-0308	Pachuca		Hidalgo	Mexico	undated	
1995-01-0309	Peralta		Sonora	Mexico	undated	
1995-01-0310	Pilares		Sonora	Mexico	undated	
1995-01-0311	Plomo		Chihuahua	Mexico	undated	
1995-01-0312	Plomosita		Sonora	Mexico	Item missing	
1995-01-0313	Promontorio.		Sonora	Mexico	undated	
1995-01-0314	San Francisco		Michoacan de Oc	Mexico	undated	
1995-01-0315	San Jose Mtns.		Sonora	Mexico	undated	
1995-01-0316	San Lorenzo			Mexico	undated	
1995-01-0317	Santa Eulalia		Chihuahua	Mexico	undated	
1995-01-0318	Santa Juliana		Chihuahua	Mexico	undated	
1995-01-0319	Santa Rosa 1 of 2		Sonara	Mexico	undated	

ResourceID	Title	Counties	State	Country	DateMin	DateMax
1995-01-0320	Santa Rosa 2 of 2		Sonora	Mexico	undated	
1995-01-0321	Santa Susana		Sinaloa	Mexico	undated	
1995-01-0322	Sedimentary Rocks Cananea		Sonora	Mexico	undated	
1995-01-0323	Sierra Madre Copper Prospects		Sonora	Mexico	undated	
1995-01-0324	Skarns - Cananea		Sonora	Mexico	undated	
1995-01-0325	Tayoltita		Sinaloa	Mexico	undated	
1995-01-0326	Teaguari Ranch		Sonora	Mexico	undated	
1995-01-0327	Transvaal		Sonora	Mexico	undated	
1995-01-0328	Triangulation Nacozari		Sonora	Mexico	undated	
1995-01-0329	Tonichi --La Dora - Suaqui		Sonora	Mexico	Item missing	
1995-01-0330	Varela Williams		Sonora	Mexico	Item missing	
1995-01-0331	Victoria - Chispas District		Sonora	Mexico	undated	
1995-01-0332	Virgen and Esperanza Placer de Guadalupe		Chihuahua	Mexico	undated	
1995-01-0333	Woolfolk Mine, East Alamillo			Mexico	undated	
1995-01-0334	Zaraguza Mine		Sonora	Mexico	undated	
1995-01-0335	Toquepala			Peru	undated	
1995-01-0336	Puerto Rico			Puerto Rico	undated	
1995-01-0337	South Africa			Rhodesia	undated	
1995-01-0338	West Indies Bauxite			West Indies	undated	