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HOUSTON INTERNATIONAL MINING COMPANY

INDEX

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Papers
Of
THE WEST END CONSOLIDATED MINING CORPORATION.
1906 - 1976

A holding of the
Central Nevada Historical Society
and
Houston International Minerals Corporation
Tonopah, Nevada

processed by Enid T. Thompson
History Department
University of Denver

for HIMCO

1981

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INTRODUCTION

Houston International Minerals Corporation bought out Hughes Tool Co./Summa Corporation holdings in Tonopah, Nevada, in 1977, acquiring among other properties the offices headquartered in the office building in Tonopah which for many years was the headquarters of the West End Consolidated Mining Company. In the attic and vaults of the office were records of West End and related companies from the beginning of the Tonopah and its' mining industry.

Hughes Tool Company/Summa, predecessor of Houston International, used the records and papers and especially the maps in the conduct of business in Nevada. Houston International, funding them of historical as well as business value, has had them collected, arranged, and cataloged in the finding aid. The work was done in Tonopah in the old West End office building.

The collection consists of about 7500 records and 1700 maps, the geology, minerology, and mining of the area; also claim, ownership, and administrative records of mining districts, public utilities and governing bodies, but chiefly of the mines and mining companies created, acquired or absorbed by the West End Consolidated Mining Company of Tonopah.

The original silver discovery in Tonopah was in 1900. The city was formed immediately, and early records are in the collection. The West End claim was one of the first half dozen, and is centrally located in spite of the name. The company formed by the owners in 1906, through lease, litigation or purchase soon became one of the leading producers of silver, and an economic power in Tonopah.

After the peak years of production in Tonopah, 1912-14, many companies disappeared, by 1930 only West End was a large company. In the succeeding years production was chiefly by lease, and the entire town suffered from depression. Both bonanza and decline are apparent in the records. So is the pattern of change in engineering, labor, business, and social patterns.

A entire new era in the mining and mineral production was recorded when West End was purchased by the Hughes Tool Co. in 1967.

Several chronology charts have been included as part of this introduction to facilitate use of the collection.

The scope of the collection is limited to the geographical area of Tonopah, Nevada; the years roughly to 1905 to 1975, and the subject to mining and mineral production and the means of conducting a mining business.

The papers are arranged in two records groups - documents and maps. The series in both groups consist of general area records, followed by mining company and mine records, West End Consolidated Company records, the records of one specific mine, The Mabel. One records series is the ledgers of the West End Company. The final series are the Hughes Tool Company papers. Subseries consist of mining company, mine, function, or person.

The entire collection is available on micro film through Houston International Mineral Corporation, Carson City, Nevada. The original collection is to be found at the Central Nevada Historical Society, Museum, Tonopah, Nevada.

Enid Thompson
Tonopah
8 July 1981

CHRONOLOGY OF TONOPAH MINING DISTRICT

- 1900 Jim Butler discovery of silver; on August 25, he located Desert Queen, Burro, Mizpah, Valley View, Silver Top, and Buckboard claims. Butler leased claims through December, 1901.
- 1902 A Philadelphia company buys out Butler, forms Tonopah Mining Company.
- 1902-03 Development of Montana Tonopah Desert Queen, North Star, and Tonopah Extension. Building of Kinkead Mill and Miller Mills.
- 1906 West End Consolidated Mining Company formed.
- 1910 Tonopah Extension built mill in Tonopah.
- 1911 Montana Tonopah built mill in Tonopah.
West End Co. built mill in Tonopah.
- 1912 Tonopah Belmont mill moved to Tonopah
- 1921 West End Mining Company purchased Mabel Mine, Mina.
- 1912-22 Period of greatest production
1911 production \$8.1 million
1913 production \$9.6 million
1930's about \$900,000 a year
- 1940's Production sinks. West End Mining Co. leases mines and does custom milling.
- 1968-69 Hughes Tool Co. buys 100 of original claims, including West End.
- July 1973 Hughes Tool Co. becomes Summa Corporation
- April 1977 Houston Oil and Mineral Corporation buys Summa properties.

OWNERSHIP
&
LITIGATION CHRONCLOGY

1902	Litigation	Tonopah Mining Co.	
		vs 1. Tonopah Consolidated Mining Co. (later MacNamara) over Buckboard claim	
		2. Tonopah & Salt Lake Co. (later Jim Butler Co.) over Valley View Claim	
1904		North Star Title suit	
1906	Tonopah Extension Company vs MacNamara Company - settled 1909 West End Mining Company vs MacNamara Company - settled 1908		
1907-08	Western claims Red Rock Extension Mc Kane Monarch Pittsburg		
1911	Tonopah Mining & Jim Bulter - friendly settlement on Fraction Mine. Also with Midway and Montana Companies		
1914	Beginning of long apex suits		
	Jim Butler Tonopah vs West End Co.	Nevada Supreme Court 1916 to Supreme Court of U. S. 1918 Decision to West End Co.	
	also Tonopah Mining Co. vs Tonopah Extension Co.	out of court settlement	
1915	Tonopah Extension vs Cash Boy Companies	1921 settlement; Cash Boy purchased with Extension stock	
1915	Tonopah Extension vs West End Companies	1924 settlement; \$55,000 cash to West End and right to mine property for 5 yrs.	
1924	Tonopah Extension Co. vs West End Companies "76 vein"	1926 out of court settlement West End could mine "76" veins	

- 1925 West End Company controlling interest sued for mismanagement, won case, but turned control over to minority group.
- 1930 Stockholders of Tonopah Extension mine failed to win receivers sale. Tonopah Mining Co. charter revoked. West End becomes dominant mining company in Tonopah.

WEST CONSOLIDATED MINING CO. CHRONOLOGY

- May 5, 1906 West End Consolidated Mining co. formed.
f. M. (Borax) Smith, President until September 1926
- 1916 F. C. Ninnis - Mill Superintendent
- 1921 H. D. Budelman, Mine Superintendent
West End buys Mabel Mine, Mina
- 1926 Ninnis and Budelman assumed control
- 1929 Reorganization as West End Consolidated Mines Corp.
All production 1927, 1928, and 1929 by leasers.

WEST END CONSOLIDATED MINES CORPORATION

Owns or controls:

after 1917	West End	1913 WEST END MINING CO.
	West End Extension	Combination
	Ohio Tonopah	Clermont
	Halifax	Jumbo #2
	Tonopah 76	Laguna
	Mac Namara	Mohawk
	Montana Tonopah	Red Top
	Rescue Eula	
	Tonopah Midway	at Goldfield
	Tonopah North Star	
	Jim Butler	

WEST END CONSOLIDATED MINING CORPORATION

January 1, 1930

INCLUDES:

West End
California
Rambler
Porcupine Fraction
Montana
Oregon
Moonlight Fraction
Utah
Arizona
Colorado
West Tonopah Fraction
South Fraction
Red Rose
Crocker
Salsbury
Taft
Halifax #2
Protection

CONTROLS:

Tonopah "76"
West End Extension
Monarch Pittsburg

TONOPAH MINING CO. OF NEVADA

INCLUDES:

Mizpah
Silver Tap
Sandgrass
Red Plume
Desert Queen
Tonopah - Belmont Development Co.
Tonopah Mining Co. of Nicaragua
Tonopah Mining Co. of Colorado

TONOPAH MINING AREA

- BOX 1 FF 1 Tonopah, 1903 - 1914 Report by Charles A. Stoneham & Co., New York. Copy
- 2 Spurf and Cox, Inc. Report on the Geology of the Property of the Tonopah Mining Company, Nevada 1910. Copy includes map.
- 3 Bastin - Laney Genesis of Ore at Tonopah, Nevada 1918. Original
- 4 Balliet, Letson Tonopah Mining District of Nevada. Report about 1916.
- 5 Elftman, A. H. Report on Simon Mining District, Mina, Mineral County, Nevada 1919. 2 pp original
- 6 Nolan, Thomas B. The underground geology of the Tonopah Mining District, Nevada 1935. Copied from University of Nevada Bulletin 29:5
- 7 Tonopah Formation Geology. Miscellaneous papers
- 8 Tonopah Formation Geology - Faulting. 3 papers
- 9 Tonopah mining - General History
- 10 Tonopah Area - Metallurgy
- 11 Tonopah Mining - Litigation
- 12 "Prospects, Prospectors, and Mines" n.d. n.p. 2 copies
- 13 Map: shafts on Brouger Mountain, Tonopah.
- 14 Map: Tonopah Mining District, western portion. ca 1917

MINING COMPANIES & MINES

- BOX 1 FF 15 California Mine
- 16 Goldfield Consolidated Mines Co. Monthly Report
- 17 Goldfield Consolidated Mines Co. Annual Reports 1913-14

MINING COMPANIES & MINES (cont.)

GOLDFIELD CONSOLIDATED MINES CO.

- | | | | | |
|-------|----|----|---|---|
| BOX 1 | FF | 18 | Combination Mine Reports 1913-14 | ✓ |
| | | 19 | Clermont Mine Reports 1913-14 | |
| | | 20 | Jumbo #2 Mine reports 1913-14 | |
| | | 21 | Laguna Mine reports 1913-14 | |
| | | 22 | Mohawk Mine reports 1913 | |
| | | 23 | Red Top Mine reports 1913-14 | |
| | | 24 | Combination Mine reports 1915-16 | |
| | | 25 | Clermont Mine reports 1915-16 | |
| | | 26 | Jumbo #2 Mine reports 1915-18 | |
| | | 27 | Laguna Mine reports 1915-16 | |
| | | 28 | Mohawk Mine reports 1915-16 | |
| | | 29 | Red Top Mine reports 1915-16 | |
| | | 30 | Combination Mine reports 1917-18 | |
| | | 31 | Clermont Mine reports 1917-18 | |
| | | 32 | Laguna Mine reports 1917-18 | |
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| | | 35 | Goldfield Consolidated Mines Co
Miscellaneous papers 1938-45 | |
| | | 36 | Jim Butler Mining Co.
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| | | 37 | Keystone Mining Co. | |
| | | 38 | Molly Group | |
| | | 39 | Monarch Pittsburg, 1913 | |
| | | 40 | Mortana Tonopah Mines Co. Annual Report 1914. copy | |

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- BOX 1 FF 41 Silver Divide Mining Co. 1945
- 42 Tonopah Belmont Mining Co. and predecessors, 1908 - 1950
- 43 Tonopah Consolidated Mines Ltd.
A Composite Report on Tonopah Consolidated Mines Ltd
F. G. Gibson 1953
- 44 Tonopah Divide Mining Co.
Report to Stockholders, 1947
- 45 Tonopah Extension Mines Co. Inc. Papers
- 46 Tonopah Extension Mines Co. U.S.G.S. Survey Book 1927
- 47 Tonopah Extension Mines co, Inc. 2 surveys
- 48 Tonopah Extension Mines Co, Inc. Report by Albert Silver.
1955 copy
- 49 Tonopah Extension Mines Co, Inc. Sketches, raises ca 1920
- 50 Tonopah Extension Mines Co, Inc. Sketches, stopes ca 1920
- 51 Tonopah Gypsy Queen Mine 1912
- 52 Tonopah Mining Company of Nevada Annual Reports:
1909, 1910, 1911, 1913, 1914, 1915, 1918, 1923, 1927, 1928 copies
1941 original
- 53 Tonopah Mining Company of Nevada
History, miscellaneous papers
- 54 Tonopah Mining Company of Nevada
Correspondence, 1937-38
- 55 Tonopah Mining Company of Nevada
Design of Mill for La Luz Mine, Nicaragua, 1938
- 56 Tonopah Mining Co. of Nevada report
Mizpah Extension Mine 1911. Spurr & Cox 1 copy
- 57 Tonopah Mining Co. of Nevada Sectional Map, Mizpah Mine n.d.
- 58 Tonopah Mining Co. of Nevada
Sketches, 1920
- 59 Tonopah Mining Co. of Nevada, Tonopah to Mac Namara
Sketches, 1920-21
- 60 Tonopah Oriental Mining Co.

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 62 Tonopah Western Consolidated Mining Co., 1916

WEST END CONSOLIDATED MINING CO.
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 64 Statement of Power furnished by Desert Power Co., April 1907
 65 Report, 1908
 66 Ore settlement sheet, 1909
 67 Assay reports, 1912
 68 Reports: Production, leases & mill commodities, 1915-77
 69 Agreements, by-laws, W. E. & leases, drafts, 1919-26
 70 Statement of Cave Spring Operations, 1917
 71 Miscellaneous papers, 1920's
 72 Machinery offers, sales, etc., 1930-35
 73 Prospecting permits, Nye & Esmeralda counties
 74 Ore Analysis 1938
 75 Lotus exploration, 1938
 76 West End Mine Sketches

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 78 1915
 79 Statement as per stipulation
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		83	1918
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		86	1921
		87	1922
		88	1923
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		91	1926
		92	1927

WEST END CONSOLIDATED MINING CO. SERIES

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		95	Earnings Statement, 1928
		96	Progress Reports, 1927
		97	Classification of Expenses, March 1927
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		99	" " " May 1927

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	101	" " "	August 1927
	102	" " "	September 1927
	103	" " "	October 1927
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	115	Halifax mine, progress report. 1923-24
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	129	Ohio Mine - Sections and Sketches n.d.
	130	Ohio Mine - Sketches, Raises 1929
	131	Ohio Mine - Geology sections 500-800 levels 1929
	132	"76" Mine - Engineering Records 1924
	133	West End Mine - Development Work April to Dec. 1913
	134	" " " Progress Reports 1917-21
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	137	" " " Ore Reports 1921-22
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 140 " " " Stopes 1920
 141 " " " Sections 1920
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143 U.S.G.S. Claim books 1930
144 Correspondence 1934
145 Exploration, Arizona 1917-19
146 Geologists' Reports 1938 Osborn
147 Keystone Mining Co. - Correspondence 1940
148 Petition to purchase claims 1945
149 Budelman Correspondence 1940-70
150 Tax Receipts 1945-51
151 Miscellaneous Maps & Leases 1915-20
152 Briefs: Civil Case 6650, Baar vs F. M. Smith & West End
 Consolidated Mining Co. et al 1928
153 Crosshead hoist drawings n.d.
154 W. E. Cons. Mining Co. forms - samples
155 8 photos. Ore cars and hoist buckets
156 Tonopah Lease #2 1944 Nardi papers

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157. Partnership Papers 1947-53

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158 Mining Properties
159 Correspondence

WEST END CONSOLIDATED MINING CO. SERIES
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 161 "Tonopah, Nevada's Best Known Silver District" EMJ July 5, 1924
 162 Report on the Mabel Mine
 163 Design for turn table for mine cars n.d.
 164 Report on West End Mine 1934

MABEL MINE SERIES

MABEL MINE REPORTS

BOX 3 FF 1 Mabel Mine Reports
 J. M. Fox, 1921
 H. D. Budelman, 1930
 H. D. Budelman, 1934

 2 Correspondence 1921

 3 Drawings and Data 1924

 4 Hoist Plans 1924

 5 Claim Papers 1925

 6 Miscellaneous Papers 1927

 7 Miscellaneous Papers 1927

 8 Lancashire Mine Papers, 1929
 XX Mabel Trespass Case, 1947

 9 Correspondence, Lease, and Sale 1933-35

 10 Claims, Drawings, etc. 1939

 11 Miscellaneous Papers on Production 1921-49

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 13 H. E. Marsh, 1924-25
 14 H. E. Marsh and George Barnett, 1926 - February 1928

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15 June 1922 - December 1922
16 1923-24
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 31 Steen Lease 1939-41, 1950 Royston Mng. Co.
 32 Terewilliger Lease, 1940-41 Default Papers
 33 Gerald M. (Mike) Smith, 1939-42

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MABEL MINE LEASES

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- 35 V. L. Caver lease, 1941-42
- 36 Dela Mare lease, Jan. - July 1941
- 37 Hall Bros. lease, Ely, Nevada 1942
- 38 Lundgren Swanson lease, 1945-46
- 39 Mike Smith lease, 1946-47
- 40 Bednar Bros. lease, 1946-47
- 41 Budelman Correspondence, 1945-47

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- 43 Ore Shipments, 1940 Carver lease, Smith lease, De la Mare
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- 44 Ore Shipments, 1941-42
- 45 Ore Shipments and Settlements, 1945-47
 Smith & Budelman
- 46 Correspondence on trespass
 Gerald(Mike) Smith, 1942
- 47 Correspondence on trespass, 1947

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- BOX 4 1 Index to Tonopah District Mining Claims, 1920
- 2 Patent Survey Plat, by districts (indexed)
- 3 Schedule of Transactions, April 1906 - February 1910
- 4 Custom Ore Record, 1914, 1915, 1916

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	7	Ore Record, 1917-25	
	8	Ore Record, 1926-27	
	9	Ore Record, 1928-29 to August 1930	
	10	Bullion Record, October 1919 - December 1924	
	11	Voucher Record - Manhattan Milling & Ore Co., 1923	
	12	Halifax Tonopah Mining Co.	
	13	Balance Ledger, 1923-26	
		Bills Collectable	Operating Expenses
		Cash Record, Oakland	Ohio Dump Ore
		Compressor Expense	Production
		Depreciation	Rents & Earnings
		Halifax Tonopah Ore Account	Rescue-Eula Mining Co.
		Insurance	Salaries
		Jim Butler Tonopah Lease	Tonopah "76" Lease
		Knapp Ave Cottage	Mine Stores
		Labor	Store Coupon Books - Sold
		Mabel Mine Fire	Bullion Tax
		Nevada Industrial Commision	West End Accounts

HUGHES TOOL COMPANY

1967-1973

SUMMA CORPORATION

1973-1977

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9 Interoffice Memos

10 Inventories

11 Mail Logs, 1970-71

12 Map Lists

13 Miscellaneous Drill & Equipment Report

14 Mill Planning Papers

15 Nickel Deposit Reports, March 1970

16 Tax Papers, 1970

17 Tax and Report Procedures

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18 Baker, Robert

19 Bunker, Loren

20 Gibben, David

21 Hayes, Larry G.

22 Page, Dan

23 Patterson, Russ

24 Pruett, David

25 Skinner, Paul

26 Wharton, Helen

27 Wick, O. J.

HUGHES TOOL COMPANY

1967-1973

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		30	Barker, James
		31	Barron, Richard J.
		32	Boscovich, Dorothy
		33	Boyd Mine
		34	Bradshaw Estate
		35	Brown, William M.
		36	Burkett, Paul J.
		37	"B"
		38	Campbell, Miss Frances
		39	Campbell, Lyle
		40	Carriere, Phyllis Still
		41	Cleveland, E. L.
		42	Consolidated Virginia Mining Co.
		43	Consolidated West Extension - Simon Mines co.
		44	"C"
		45	Daisy #1, 2, 3, Goldfield Mining District
		46	Diata-Matics
		47	Duffy-Davis Properties, Goldfield
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		49	"E"
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		51	"F"
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		53	Guisti, Pete; Includes list of HICO claims

HUGHES TOOL COMPANY

1967-1973

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		56	Halloway, Capt. H. H.
		57	Hudson, Art
		58	"H"
		59	Irons, W. B. "Bill"
		60	"I" "J"
		61	King Resources Co.
		62	Kirk, Evelyn Hughes
		63	Koshi, Sally (Tiger Claim)
		64	Koyen, Wesley
		65	Krisbel, Nelson S.
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		67	Lintz, Mark
		68	Locatelli, E. B.
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		70	North Umberland Mine
		71	Nevada Coal Co. Stock
		72	Nevada Minerals & Oil Company
		73	New Era Mining & Dev. Co. (Lagier)
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		75	O'Connell, James T. DDS
		76	"P"
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		78	"R" "S"
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HUGHES TOOL COMPANY

1967-1973

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81 Sierra La Plata Mining Co.
82 Silver Bow, Nye Co.
83 Simon, Margret F.
84 Small, Sherman W.
85 Smith, Vic
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87 Tonopah Divide Mining Co.
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93 Goldfield properties from West End Consolidate Mining Co.
94 Hughes Tool Co. Claims List, by original name and as grouped
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95 Deed Information
96 Group Claims Procedures
97 Claims Work and Research, Desert Queen, Mizpah
98 Lucky Jim, research and title, 1969-70
99 Jumbo Claims
100 Hughes Tool Co. claims, Groups 1-7 Hill, Tryanor & Murnane
101 Fred Steen, correspondence, 1967-70

HUGHES TOOL COMPANY

1967-1973

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 103 Steen and Ferris, records and correspondence

MINING PAPERS

BOX 5 FF 104 Group 1, Fort Knox Placers
 105 Group 9, Mina
 106 Group 10B, Bell claims
 107 Group 16, Tonopah, general information
 108 Group 18, Silver City, general
 109 Group 24, Tonopah, Belmont Tailings
 110 Group 25B, Tonopah, Vennetti Dump
 111 Group 25, Manhattan Feasibility study
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