

**TITLE:** ADMMR Edwin Noel Pennebaker mining collection

**DATE RANGE:** 1884-1970

**CALL NUMBER:** 1520.05

**LOCATION:** Arizona History Museum, 949 E Second St, Tucson, AZ 85719

**PHYSICAL DESCRIPTION:** 3 linear ft (3 boxes)

**PROVENANCE:** Transferred from the University of Arizona, 2022

**RESTRICTIONS ON USE:** Requests for permission to publish material from this collection should be addressed to Arizona Historical Society, Library & Archives.

**PREFERRED CITATION:** Arizona Historical Society, MS 1520.05 ADMMR Pennebaker Collection

**PROCESSED BY:** Casey Brown, 2011-2012 (for AZGS); inventoried by AHS staff 2022

**DIGITAL COLLECTION:** Digital versions of many of the items in this collection can be accessed by searching for a specific mine name at: [Arizona Geological Survey Mining Data](#). Previous versions of this inventory are available as free AZGS Open-File Reports at the AZGS Document Repository: [repository.azgs.az.gov](http://repository.azgs.az.gov)

**HISTORICAL NOTE:** 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.

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.

In 2016, the responsibilities of the Arizona Geological Survey were transferred to the University of Arizona. In 2022, the University of Arizona transferred the ADMMR collections to the Arizona Historical Society.

**SCOPE AND CONTENT NOTE:** Edwin Noel Pennebaker received a B.S. in economic geology from University of California in 1924 and later went on to graduate studies. From the mid-1920s until the mid 1980s, he worked mainly as a consulting geologist for numerous companies around the globe. During the period 1935 to 1976, he consulted for a number of companies in Arizona. After 1985, he was Director Emeritus of Coeur d'Alene Mines Corporation, Wallace, ID. This collection of economic geologic reports focuses strictly on Arizona.

**SUBJECT TERMS:** Mines and mineral resources--Arizona; Geology, Economic--Arizona

Box	Title	County	Date
<b>1</b>	<b>Cochise County Misc.</b>	<b>Cochise (AZ)</b>	<b>1948-1950</b>
	American Metal Co., Bisbee, AZ	Cochise (AZ)	1884-1956
	Courtland-Gleeson	Cochise (AZ)	1912-1952
	Gordon Lawrence Claims	Cochise (AZ)	1963
	Johnson Mining District	Cochise (AZ)	1927
	Little Dragoon Mountains	Cochise (AZ)	1939
	Shattuck - Denn Mining Co.	Cochise (AZ)	1948-1949
	Tombstone	Cochise (AZ)	1959-1961
	Coconino County Misc.	Coconino (AZ)	1951
	Christmas Gift	Gila (AZ)	1962
	Cleveland Mine	Gila (AZ)	1938
	Gila County Misc.	Gila (AZ)	1949-1958
	Miami District	Gila (AZ)	1945-1957
	Schneider Hill Group	Gila (AZ)	1941-1951
	Tornado Mining Company Property	Gila (AZ)	1948
	West Lake Mine	Gila (AZ)	1950
	Esperanza Property	Graham (AZ)	1962-1965
	Graham County Misc.	Graham (AZ)	1951-1952
	Lone Star	Graham (AZ)	1949-1952
	Lone Star -Maps	Graham (AZ)	1950-1951
	Safford Claim Maps	Graham (AZ)	1950-1965
	Safford Project	Graham (AZ)	1950
	Safford Project Drilling Logs	Graham (AZ)	1942-1951
	Safford Project Maps, Claim Data	Graham (AZ)	1950-1951
	Safford Project Maps, Geological, Geophysical	Graham (AZ)	1950
	Township Plat	Graham (AZ)	undated
	Dover Mining Company, AZ	Greenlee (AZ)	1929-1952
	Yerington Project Maps, Claims	Lyon (NV)	1950
	Cave Creek	Maricopa (AZ)	1909-1929
	Kyanite, Phoenix Mountains	Maricopa (AZ)	1955
	Cram Mountain Mine	Maricopa (AZ)	1959
	Pinnacle Peak	Maricopa (AZ)	1957-1958
	Pinnacle Peak Area	Maricopa (AZ)	1946-1961
	Rip Borden Claims, Virginia City Mining Co	Maricopa (AZ)	1963
	1952 Scouting Reports	Mohave (AZ)	1952
	Alamo Crossing	Mohave (AZ)	1962
	Boulder AZ Mining Co.	Mohave (AZ)	1938
	McCracken Area	Mohave (AZ)	1957-1961
	Mohave Co. Misc.	Mohave (AZ)	1946-1953

Box	Title	County	Date
1	Report on the Cyclopic Mine, Mohave Co. by J. Hope	Mohave (AZ)	1945-1946
	Report on the Portland Mine, Mohave Co. by J. Hope	Mohave (AZ)	1946
	Silver Hill Mine AZ	Mohave (AZ)	1941-1943
	Ajo Claim Maps	Pima (AZ)	1920-1940
	American Metal Co. Re: Ajo	Pima (AZ)	1948-1955
	Bobbit Copper Prospect, SW of Winkelman	Pima (AZ)	1963
2	Copper Butte	Pima (AZ)	1946-1950
	Coyote Mnts	Pima (AZ)	1926-1928
	Eason Oil Co.	Pima (AZ)	1917-1969
	Geology and Mineral Resources of the Quijotoa mountains	Pima (AZ)	1931
	Geology and Ore Deposits of the Sunshine Area, Pima Co. by CE. Higdon	Pima (AZ)	1933
	Geology of the San Xavier District, Pima by CR. Parks Jr.	Pima (AZ)	1929
	Helvetia District, Hecla Mining Co.	Pima (AZ)	1956-1962
	Homestake...Casa Grande	Pima (AZ)	1924-1962
	Maps Misc (Antelope Peak Quad, Casa Grande Region )	Pima (AZ)	undated
	Montizona	Pima (AZ)	1954
	Mount Fagan Marble Deposits,	Pima (AZ)	1959-1963
	Owlhead Iron Deposit, Pinal Co. AZ	Pima (AZ)	1956-1961
	Owlhead--Pinal Co. Edwards property	Pima (AZ)	1921-1948
	P.B.Y. Pantano Misc. Data plus Maps	Pima (AZ)	1959-1961
	Pima - Twin Buttes - Papago Districts	Pima (AZ)	1921-1956
	Pima Co. Ajo	Pima (AZ)	1924-1955
	Pima County misc.	Pima (AZ)	1948-1963
	Pinal County Miscellaneous	Pima (AZ)	1944-1953
	Silver Bell	Pima (AZ)	1954-1969
	Silver Bell, Adams-Franco	Pima (AZ)	1951-1952
	The Geology and Ore Deposits of Hiltano Camp, AZ Pima Co. by J.W. Feiss	Pima (AZ)	1929
	The Sierrita - Lofton - Peak ore bodies	Pima (AZ)	1963
	Tito, Queens, Ek	Pima (AZ)	1908-1960
	Copper Creek Area	Pinal (AZ)	1948-1964
	Lake Shore Mine	Pinal (AZ)	1917-1956
	Maudina Maps	Pinal (AZ)	undated
	Mines Handbook Data, Sultana and Ripsey	Pinal (AZ)	1956-1959

Box	Title	County	Date
2	Misc. prospects in AZ	Pinal (AZ)	1916-1931
	Monitor Group and Hagen's data	Pinal (AZ)	1949-1958
	P.B.Y. San Manual	Pinal (AZ)	1938-1961
	Pinal Co. 1950	Pinal (AZ)	1948-1956
	Pinal Co., Goldfields District, Apache Caves Claim, Raymond C. Taylor	Pinal (AZ)	1957-1960
	Pinal Co., Gregory and Page Agreements	Pinal (AZ)	1958
	Pinal County; Owlhead Iron Deposit	Pinal (AZ)	1950-1960
	Pioneer Claim Group	Pinal (AZ)	1921-1956
	Queen Creek Copper Co. Pinal Co.	Pinal (AZ)	1951
	Ray - Arizona Copper Co.	Pinal (AZ)	1948
	Ray District, Gregory's Claims	Pinal (AZ)	1958
	Ray District, Kennecott Inf. AIME Meeting April 1958	Pinal (AZ)	1958
	Report on the Magma Chief Area near Superior, AZ by E.N. Pennebaker	Pinal (AZ)	1954-1956
	Reports Miscellaneous - General Scouting surrounding Ray mine	Pinal (AZ)	1951
	Ripsey Area	Pinal (AZ)	1897-1948
	Riverside Maps - Geological	Pinal (AZ)	undated
	Riverside Maps - Miscellaneous	Pinal (AZ)	1948-1961
	Riverside selected information	Pinal (AZ)	1948
	Riverside, Maps - Drilling Grid and Sections	Pinal (AZ)	undated
	Riverside, Maps - Property	Pinal (AZ)	1950-1970
	San Manual	Pinal (AZ)	1944-1948
	Silver Queen	Pinal (AZ)	undated
	Sombrero Butte Pinal Co.	Pinal (AZ)	1937-1950
3	Tortilla Mountain of Az 1949	Pinal (AZ)	1949
	West Rope Claim	Pinal (AZ)	1906-1948
	Patagonia Project Aerial Photos	Santa Cruz (AZ)	1936
	Patagonia Project Drilling Logs	Santa Cruz (AZ)	1951
	Patagonia Project Maps - Underground	Santa Cruz (AZ)	1920
	Patagonia Project Maps and Sections Geological	Santa Cruz (AZ)	1951
	Patagonia Project Maps, Claim	Santa Cruz (AZ)	1913-1951
	Santa Cruz	Santa Cruz (AZ)	1951-1955
	Santa Cruz Co. McIver claims	Santa Cruz (AZ)	1957-1962
	Flux Mine	Santa Cruz (AZ)	1951
	American Metal Co. Humboldt, AZ from July 1952	Yavapai (AZ)	1952-1953

Box	Title	County	Date
3	Bagdad - Patented Claims (map)	Yavapai (AZ)	1945
	Binghampton Mining Property, Yavapai Co.	Yavapai (AZ)	1965
	Bradshaw Mountains	Yavapai (AZ)	1955
	Copper Basin	Yavapai (AZ)	1943-1965
	Cowden vs. Wright 1962	Yavapai (AZ)	1962
	Delta Mining Corp. of AZ - Hassayampa Mining District, Yavapai Co.	Yavapai (AZ)	1927-1961
	Geologic Report, Seligman Iron Property, Chino Mining District, Yavapai Co. AZ	Yavapai (AZ)	1960
	Humboldt Area	Yavapai (AZ)	1902-1953
	Lease Agreement between Yavapai Ranch and E.P. Campbell	Yavapai (AZ)	1960-1962
	Scouting Reports, Yavapai Co.	Yavapai (AZ)	1951-1952
	Squaw Peak	Yavapai (AZ)	1951-1963
	Yavapai - Copperopolis	Yavapai (AZ)	1945-1946
	Yavapai - Zonia	Yavapai (AZ)	1930-1949
	Yavapai Co.	Yavapai (AZ)	1951-1959
	Yavapai Co.-- Binghampton	Yavapai (AZ)	1964-1965
	Yavapai Co., Desoto and Blue Bell	Yavapai (AZ)	1951-1955
	Yavapai Co., Waterfall Claim Group, Turkey Creek Mining District	Yavapai (AZ)	1961
	Yavapai county - Black Sands	Yavapai (AZ)	1958
	A.G. Enterprise, Yuma Co. Salome	Yuma (AZ)	1968
	African LTD. Correspondence	Yuma (AZ)	1958
	Bonanza Mining Co. Yuma Co. AZ	Yuma (AZ)	1951-1953
	Bonanza Mining Properties near Wenden, AZ 1952 by E.N. Pennebaker	Yuma (AZ)	1952
	Bowyer Mine, Yuma Co., AZ 1958 by E.N. Pennebaker	Yuma (AZ)	1958-1959
	Gypsum Deposits southeast of Salome, Yuma Co.	Yuma (AZ)	1958
	Mineral Survey Co. 3207	Yuma (AZ)	1915
	Report on the Sheep Tank Mountains by John Hope	Yuma (AZ)	1945
	Rio Del Monte Claims, Yuma Co. 1961	Yuma (AZ)	1961
	Scheelite Deposits of the Jewell-Ann Mining Claims, Yuma Co. by E.N. Pennebaker 1966	Yuma (AZ)	1966
	Yuma Copper	Yuma (AZ)	1949
Box	Title	County	Date
3	Yuma County Mineral Hill	Yuma (AZ)	1910-1961

	Edward H. Molson Reports, Memos, Assays		1943-1944
	McCracken Claims and Townships	Mohave (AZ)	1884-1957
	McCracken Data for C&R	Mohave (AZ)	1922-1957
	McCracken Misc Correspondence	Mohave (AZ)	1957-1961
	McCracken Drafts of Option	Mohave (AZ)	1957
	McCracken Draft of Finale	Mohave (AZ)	1957