



# SYLVIA FINK MINING COLLECTION INVENTORY

Casey Brown  
Arizona Geological Survey



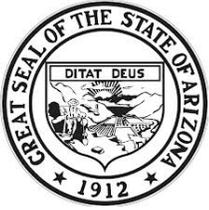
**OPEN-FILE REPORT OFR-12-33**

October 2012

---

**Arizona Geological Survey**

[www.azgs.az.gov](http://www.azgs.az.gov) | [repository.azgs.az.gov](http://repository.azgs.az.gov)



# Arizona Geological Survey

M. Lee Allison, State Geologist and Director

Manuscript approved for publication in October 2012  
Printed by the Arizona Geological Survey  
All rights reserved

For an electronic copy of this publication: [www.repository.azgs.az.gov](http://www.repository.azgs.az.gov)  
Printed copies are on sale at the Arizona Experience Store  
416 W. Congress, Tucson, AZ 85701 (520.770.3500)

For information on the mission, objectives or geologic products of the  
Arizona Geological Survey visit [www.azgs.az.gov](http://www.azgs.az.gov).

This publication was prepared by an agency of the State of Arizona. The State of Arizona, or any agency thereof, or any of their employees, makes no warranty, expressed or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed in this report. Any use of trade, product, or firm names in this publication is for descriptive purposes only and does not imply endorsement by the State of Arizona.

---

Recommended Citation: Brown, C., 2012, Sylvia Fink mining collection inventory.  
Arizona Geological Survey Open File Report, OFR-12-33, 6 p.



# Sylvia Fink mining collection inventory

by

Casey Brown

## Arizona Geological Survey Open-File Report 12-33

October 2012

Curating and documenting this collection was supported by the State of Arizona and the U.S. Geological Survey National Geological and Geophysical Data Preservation Program Grant #G11AP20180.

The views and conclusions contained in this document are those of the authors and should not be interpreted as representing the opinions or policies of the U.S. Government. Mention of trade names or commercial products does not constitute their endorsement by the U.S. Government.



**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](http://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.

Accession Number

2007-01

Title

Sylvia Fink mining collection

Repository

Arizona Geological Survey

Creator

Fink, Sylvia S.

Date Min

1919

Date Max

1986

Type

Collection

Size

63 folders

Description

Sixty-three folders in this collection contain geologic, topographic and subsurface maps of Arizona. There are a number on the Yavapai County area, in particular the Yaeger Mine and Victor-Montezuma (AKA Hull Property and Montezuma & Huron).

Subject

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

Acquisition

The collection was donated to the Arizona Department of Mines and Minerals in 2007. The Arizona Geological Survey received it from ADMMR in 2011 when it took custody of the agency's records.

Metadata Contact

Mining records curator

Address

1520 West Adams St

City

Phoenix

State

AZ

Zip Code

85007

Organization Name:

Arizona Geological Survey

Phone

602-771-1601

Website:

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

Access Statement

As items in this collection are fully cataloged, they will be made available online. Until that time, the files are viewable in our Phoenix office. This collection is preliminarily processed and may require pre-screening before viewing. Appointments are encouraged.

# Sylvia Fink mining collection inventory

Resource ID	Title	County	State	Country	Date Min	Date Max
2007-01-0001	Underground map of Yeager Canyon Mine	Yavapai	Arizona	United States	1/1/1919	12/31/1919
2007-01-0002	Underground assay map of Yeager Canyon Mine, Shannon Copper Co.	Yavapai	Arizona	United States	1/1/1920	12/31/1920
2007-01-0003	Geology map - Big Bug, Northern Section, Long Lac Minerals	Yavapai	Arizona	United States	10/1/1986	10/31/1986
2007-01-0004	Geology map - Victor-Montezuma, Southern Area, Au geochem overlay	Yavapai	Arizona	United States	undated	
2007-01-0005	Geology map - Big Bug, Southern Section	Yavapai	Arizona	United States	undated	
2007-01-0006	Claim markers, victor-Montezuma, drill hole locations	Yavapai	Arizona	United States	undated	
2007-01-0007	Geologic section, Big Bug, LLMS	Yavapai	Arizona	United States	1/1/1986	12/31/1986
2007-01-0008	Geologic Section, Big Bug Project Swindler Property	Yavapai	Arizona	United States	1/1/1985	12/31/1985
2007-01-0009	Geology map, Big Bug, Plate 9, LLMS	Yavapai	Arizona	United States	1/1/1986	12/31/1986
2007-01-0010	Geologic Section, LLMS, x-section - adits	Yavapai	Arizona	United States	undated	
2007-01-0011	Field Station Map, Big Bug Project, 1" = 200'	Yavapai	Arizona	United States	undated	
2007-01-0012	Au overlay map, Victor-Montezuma, Northern area, 1" = 50'	Yavapai	Arizona	United States	undated	
2007-01-0013	Plat map, Pat. Claims in Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0014	Lion Mountain 7.5	Maricopa	Arizona	United States	undated	
2007-01-0015	Horseshoe Dam 7.5	Maricopa	Arizona	United States	undated	
2007-01-0016	Yeager Canyon Mine underground map 1	Yavapai	Arizona	United States	undated	
2007-01-0017	Yeager Canyon Mine underground map 2	Yavapai	Arizona	United States	undated	
2007-01-0018	Plat Map 1 - Mines of Mohave County	Mohave	Arizona	United States	undated	
2007-01-0019	Plat Map 2 - Mines of Mohave County	Mohave	Arizona	United States	undated	
2007-01-0020	Topo map 1, Grand Canyon area	Mohave	Arizona	United States	undated	
2007-01-0021	Topo map 2, Grand Canyon area	Mohave	Arizona	United States	undated	
2007-01-0022	Reverse mylar - Geology map of Jaeger Canyon Mine	Yavapai	Arizona	United States	undated	
2007-01-0023	Plat map 1 - Maricopa County	Maricopa	Arizona	United States	undated	
2007-01-0024	Plat map 2 - Maricopa County	Maricopa	Arizona	United States	undated	
2007-01-0025	Plat map 3 - Coconino county	Coconino	Arizona	United States	undated	
2007-01-0026	Plat map 4 - Coconino county	Coconino	Arizona	United States	undated	

Resource ID	Title	County	State	Country	Date Min	Date Max
2007-01-0027	Claim map 1 – Mingus Area, Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0028	Claim map 2 – Mingus Area, Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0029	Flood Control Map 1 – Maricopa County	Maricopa	Arizona	United States	undated	
2007-01-0030	Flood Control Map 2 – Maricopa County	Maricopa	Arizona	United States	undated	
2007-01-0031	Flood Control Map 3 – Maricopa County	Maricopa	Arizona	United States	undated	
2007-01-0032	Flood Control Map 4 – Maricopa County	Maricopa	Arizona	United States	undated	
2007-01-0033	Flood Control Map 5 – Maricopa County	Maricopa	Arizona	United States	undated	
2007-01-0034	Highway Map – Maricopa County	Maricopa	Arizona	United States	undated	
2007-01-0035	Mylar 1 – US Bureau of land Management – Division 5		Arizona	United States	undated	
2007-01-0036	Mylar 2 – US Bureau of land Management – Division 5		Arizona	United States	undated	
2007-01-0037	Jaeger Canyon Assay Underground Assay Map	Yavapai	Arizona	United States	undated	
2007-01-0038	Sample Map – bottom of Drift 5 (Jaeger Canyon Mine)	Yavapai	Arizona	United States	undated	
2007-01-0039	USGS Grand Canyon map, 1:250,000 scale	Coconino, Mohave	Arizona	United States	undated	
2007-01-0040	Geologic Map 1 – Blue Bird Claims, Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0041	Geologic Map 2 – Blue Bird Claims, Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0042	Plat map 1 – Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0043	Plat map 2 – Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0044	Plat map 3 – Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0045	Plat map 4 – Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0046	Plat map 5 – Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0047	Plat map 6 – Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0048	Plat map 7 – Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0049	Plat map 8 – Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0050	Map of Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0051	Aerial Photo map – unknown area		Arizona	United States	undated	
2007-01-0052	Arizona maps		Arizona	United States	undated	
2007-01-0053	Yeager Canyon Assay map, on canvas	Yavapai	Arizona	United States	undated	

Resource ID	Title	County	State	Country	Date Min	Date Max
2007-01-0054	Plat map 1 of the Octave Mine, Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0055	Plat map 2 of the Octave Mine, Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0056	Plat map 3 of the Octave Mine, Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0057	Plat map 4 of the Octave Mine, Yavapai County	Yavapai	Arizona	United States	undated	
2007-01-0058	Plat map 1 of the Contact Mining claims, Maricopa County	Maricopa	Arizona	United States	undated	
2007-01-0059	Plat map 2 of the Contact Mining claims, Maricopa County	Maricopa	Arizona	United States	undated	
2007-01-0060	Plat map 1 of the Steamboat Claims, Cochise County	Cochise	Arizona	United States	undated	
2007-01-0061	Plat map 2 of the Steamboat Claims, Cochise County	Cochise	Arizona	United States	undated	
2007-01-0062	Claim map 1 of the Big Bug Mining district	Yavapai	Arizona	United States	undated	
2007-01-0063	Claim map 2 of the Big Bug Mining district	Yavapai	Arizona	United States	undated	