CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

The following file is part of the Grover Heinrichs Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

UNIVERSITY OF NEVADA BULLETIN

VOL. XXXIV JANUARY 15, 1940 No. 1

GEOLOGY AND MINING SERIES No. 33

GOLDBANKS MINING DISTRICT, PERSHING COUNTY, NEVADA

By ROBERT M. DREYER
Geologist, U. S. Geological Survey

PREPARED AND PUBLISHED BY NEVADA STATE BUREAU OF MINES
IN COOPERATION WITH UNITED STATES GEOLOGICAL SURVEY

PRICE 30 CENTS

PUBLICATION OF THE NEVADA STATE BUREAU OF MINES
AND THE MACKAY SCHOOL OF MINES
JAY A. CARPENTER, *Director*

CARSON CITY, NEVADA
STATE PRINTING OFFICE - - JOE FARNSWORTH, SUPERINTENDENT
1940

UNIVERSITY OF NEVADA BULLETIN

VOL. XXXIV JANUARY 15, 1940 No. 1

GEOLOGY AND MINING SERIES No. 33

GOLDBANKS MINING DISTRICT, PERSHING COUNTY, NEVADA

By ROBERT M. DREYER
Geologist, U. S. Geological Survey

PREPARED AND PUBLISHED BY NEVADA STATE BUREAU OF MINES
IN COOPERATION WITH UNITED STATES GEOLOGICAL SURVEY

PRICE 30 CENTS

PUBLICATION OF THE NEVADA STATE BUREAU OF MINES
AND THE MACKAY SCHOOL OF MINES
JAY A. CARPENTER, *Director*

1[50]

PUBLISHED QUARTERLY BY THE
UNIVERSITY OF NEVADA
RENO, NEVADA

Entered in the Post Office at Reno, Nevada, as second-class matter under Act of Congress, July 16, 1894. Acceptance for mailing at special rate of postage provided for in section 1103, Act of October 3, 1917, authorized April 21, 1919.

		PRICE
Vol. 27, No. 1.	Brucite Deposit, Paradise Range, Nevada. Preliminary Report, by Eugene Callaghan, 1933*	.....
Vol. 27, No. 3.	Geology of Tybo District, Nevada, by Henry G. Ferguson, 1933	$0.25
Vol. 28, No. 2.	Geology of the Tungsten Deposits Near Mill City, Nevada, by Paul F. Kerr, 1934	.40
Vol. 29, No. 5.	Underground Geology of the Tonopah Mining District, by Thomas B. Nolan, 1935	.50
Vol. 29, No. 6.	Geology of the Central Humboldt Range, Nevada, by C. P. Jenney, 1935	.50
Vol. 30, No. 1.	The Tuscarora Mining District, Elko County, Nevada, by Thomas B. Nolan, 1936	.20
Vol. 30, No. 2.	Geology of the Chief District, Lincoln County, Nevada, by Eugene Callaghan, 1936	.20
Vol. 30, No. 4.	Placer Mining in Nevada, by William O. Vanderburg, 1936	.50
Vol. 30, No. 5.	The Tungsten Mineralization at Silver Dyke, Nevada, by Paul F. Kerr, 1936	.40
Vol. 30, No. 9.	Geology of the Silver City District and the Southern Portion of the Comstock Lode, Nevada, by Vincent P. Gianella, 1936	.50
Vol. 31, No. 5.	Geology of the Delamar District, Lincoln County, Nevada, by Eugene Callaghan, 1937	.50
Vol. 32, No. 3.	Gold Deposits of Slumbering Hills, Nevada, by Frank C. Calkins, 1938	.25
Vol. 33, No. 3.	Geol. and Min. Ser., No. 31. Cambrian Formations of the Eureka and Pioche Districts, Nevada, by Harry E. Wheeler and Dwight M. Lemmon, 1939	.25
Vol. 33, No. 5.	Geol. and Min. Ser., No. 32. Nickel Deposits in Cottonwood Canyon, Churchill County, Nevada, by H. G. Ferguson, 1939	.25
Vol. 34, No. 1.	Geol. and Min. Ser., No. 33. Goldbanks Mining District, Pershing County, Nevada, by Robert M. Dreyer, 1940	.30

30

CONTENTS

	PAGE
Abstract	7
Introduction	9
Field work and acknowledgments	9
Geography	9
Location of area	9
Surface features	11
Climate	13
Geology	13
Rock formations	13
Permian(?) sediments and volcanics	13
Granite	14
Tertiary	14
Quaternary	15
Gravel bars	15
Silica apron	16
Basalt	23
Recent valley fill	24
Structural and historical geology	24
Ore deposits	27
History of mining and production	27
Distribuion of deposits	28
Gold deposits	28
Quicksilver deposits	30
Mode of occurrences	30
Mineral composition	30
Mine workings	31
Origin of the ore	33
Outlook for mining	36
Publications of the Nevada State Bureau of Mines	37