



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the Walter E. Heinrichs, Jr. 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.



HEINRICHS GEOEXPLORATION COMPANY

806 WEST GRANT ROAD, TUCSON, ARIZONA, 85703 P.O. BOX 5671 PHONE (AREA CODE 602) 623-0578

January 28, 1966

Mr. Oliver Kilroy
2239 La Mirada
Tucson, Arizona

Dear Mr. Kilroy:

The following information concerns the Steppe Mine (longitude $111^{\circ} 54' 45''$, latitude $32^{\circ} 1' 00''$) and the Mildren Mine (longitude $111^{\circ} 55' 50''$, latitude $32^{\circ} 2' 20''$) located on the Comobabi Arizona quad sheet, Pima County, Arizona.

STEPPE MINE AREA

The Steppe Mine, examined on January 5, 1966, consists of two shafts, the main shaft located on the Comobabi quad, and another minor one (not shown on quad sheet) approximately 1/4 mile to the east of the former. Both shafts are confined to separate single quartz veins which strike $N17^{\circ}W$, dip $80^{\circ}E$ to vertical. Mineralization associated with the veins is galena, pyrite and copper carbonates. Sample 2670 was taken at the east shaft from the quartz vein, the results were as follows:

Lead 3.08%
Silver 7.78 ozs

The andesite was sampled and proved to be void of mineralization. The assay results and surface geology indicate that the silver values are associated with the lead sulfide galena and that these values are found in the quartz veins, and not in the andesite host rock.

Economic potential in this area appears to be limited to possible extensions of the known mineralized quartz veins or the discovery of new mineral bearing veins not visible on the surface. Reconnaissance of this nature should be considered speculative. Induced polarization or electromagnetics are two geophysical tools which might possibly prove useful in the reconnaissance of the above. One sulfide bearing sample of quartz vein was laboratory tested for induced polarization

properties and was found amenable to the method.

At the Steppe Mine a notice was found stating that the property had just been leased as of August, 1965. The following was copied from the notice:

"Leland M. Wiscome, June N. Wiscombe and Raymond Doss have entered into an agreement with Robert L. Hardy dated the 22 of August, 1965, relating to the sub-leasing of the following described property.

The above lease may be examined at the office of Leland M. Wiscombe, 7225 Clearwater Parkway, Phoenix, Arizona.

Property located in Cabar Mining District, Pima County.

Name of Claim:

Little Mary No. 4 Book AAA Page 252

Little Mary No. 5 Book AAA Page 253

Records at County Recorder of Pima County."

MILDREN MINE

The Mildren area is also characterized by the association of mineralization with northwest trending quartz veins. Very little mineralization (some copper carbonate) was seen in this area. Assay results of the andesite gave negative results for silver and lead. Economic potential seems limited in this area.

Enclosed are two copies of the assay results. Based on the results of the geologic examination, it appears that the Steppe Mine area offers more potential for a speculative geophysical reconnaissance.

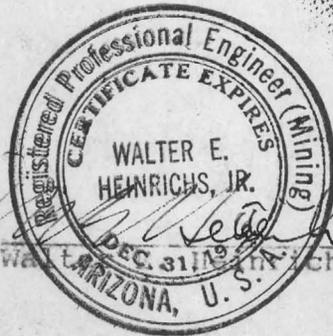
Best regards.

Respectfully submitted,

HEINRICHS GEOEXPLORATION COMPANY

Harvey Durand

Harvey Durand, Geologist



APPROVED:

Walter E. Heinrichs, Jr.
WALTER E. HEINRICHS, JR.
ARIZONA, U.S.A.

January 28, 1966

Mr. Oliver Kilroy
2239 La Mirada
Tucson, Arizona

Dear Mr. Kilroy:

The following information concerns the Steppe Mine (longitude $111^{\circ} 54' 45''$, latitude $32^{\circ} 1' 00''$) and the Mildren Mine (longitude $111^{\circ} 55' 50''$, latitude $32^{\circ} 2' 20''$) located on the Comobabi Arizona quad sheet, Pima County, Arizona.

STEPPE MINE AREA

The Steppe Mine, examined on January 5, 1966, consists of two shafts, the main shaft located on the Comobabi quad, and another minor one (not shown on quad sheet) approximately 1/4 mile to the east of the former. Both shafts are confined to separate single quartz veins which strike $N17^{\circ}W$, dip $80^{\circ}E$ to vertical. Mineralization associated with the veins is galena, pyrite and copper carbonates. Sample 2670 was taken at the east shaft from the quartz vein, the results were as follows:

Lead 3.08%
Silver 7.78 ozs

The andesite was sampled and proved to be void of mineralization. The assay results and surface geology indicate that the silver values are associated with the lead sulfide galena and that these values are found in the quartz veins, and not in the andesite host rock.

Economic potential in this area appears to be limited to possible extensions of the known mineralized quartz veins or the discovery of new mineral bearing veins not visible on the surface. Reconnaissance of this nature should be considered speculative. Induced polarization or electromagnetics are two geophysical tools which might possibly prove useful in the reconnaissance of the above. One sulfide bearing sample of quartz vein was laboratory tested for induced polarization

properties and was found amenable to the method.

At the Steppe Mine a notice was found stating that the property had just been leased as of August, 1965. The following was copied from the notice:

"Leland M. Wiscome, June N. Wiscombe and Raymond Doss have entered into an agreement with Robert L. Hardy dated the 22 of August, 1965, relating to the sub-leasing of the following described property.

The above lease may be examined at the office of Leland M. Wiscombe, 7225 Clearwater Parkway, Phoenix, Arizona.

Property located in Cabar Mining District, Pima County.

Name of Claim:

Little Mary No. 4 Book AAA Page 252

Little Mary No. 5 Book AAA Page 253

Records at County Recorder of Pima County."

MILDREN MINE

The Mildren area is also characterized by the association of mineralization with northwest trending quartz veins. Very little mineralization (some copper carbonate) was seen in this area. Assay results of the andesite gave negative results for silver and lead. Economic potential seems limited in this area.

Enclosed are two copies of the assay results. Based on the results of the geologic examination, it appears that the Steppe Mine area offers more potential for a speculative geophysical reconnaissance.

Best regards.

Respectfully submitted,

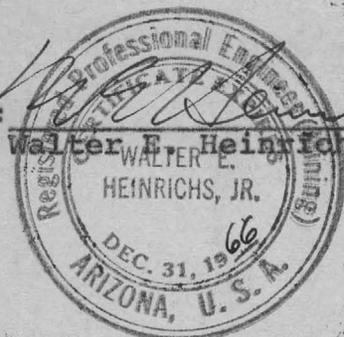
HEINRICHS GEOEXPLORATION COMPANY

Harvey Durand, Geologist

APPROVED:

Walter E. Heinrichs

WALTER E.
HEINRICHS, JR.



January 13, 1966

Mr. Oliver B. Kilroy
7340 Jade Street
New Orleans, Louisiana

Dear Mr. Kilroy:

I have had second thoughts about our phone conversation of last week, and have decided not to send you any information or an agreement to sign, on the ~~paper~~ property that we discussed.

I think you are correct in saying that the deal is rather unrealistic and perhaps a better deal could be worked out at a later date. I have been studying the engineering reports, and the property can possibly be open pitted. However, this is something that would have to be worked out upon obtaining more information. The property does involve about 40 patented and unpatented mining claims and more claims perhaps should be located or land tied up as needed. The present land owners have had the property a year and are now relinquishing control because of the steep initial payments. I think it is possible to pick up the pieces and perhaps make an economic go of it. We can go into more details when you are in Tucson towards the end of the month.

I don't want to make this thing look like a bonanza to you as there are still a lot of unanswered questions to resolve prior to the thing being a going operation. This property does seem to have some of the better earmarks of a possible potential producing property.

Yours truly,

HEINRICHS GEOEXPLORATION COMPANY

E. Grover Heinrichs
Vice President

EGH:jc

Company *H. Levee,*

Location *Stepps mine*

Date

⁵¹
Jan 6, 1966

Description:

taken from QTZ vein on pit east of main shaft. Vein varies from several feet to more than 20 feet in width. strikes N170W vert to 80° E

Sample N° 2670

Company

H. Keox.

Location

Steppe mine

Date

Jan 6, 1966

Description:

taken from dump mat, and site
of pit east of main shaft

Sample N^o 2671

Company *Hammett Lumber*

Location

Steppe mine

Date

Jan 6, 1966

Description:

*andesite dump mat. Main
shaft.*

Sample N° 2672

Company *Heinrich Koest:*

Location

Milchen Mine

Date

Jan 6, 1966

Description:

*taken from andesite lump
mat. on north shaft (vert),*

Sample N^o 2673