



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
520-770-3500
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

James Doyle Sell 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.

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

August 25, 1960

AGE 30

FILE MEMORANDUM

SILVER HILL
Cerro Colorado District, Arizona
Mercury Examination

August 12, J. H. Courtright and J. E. Kinnison examined the Charleston group of John Fazio, of Tucson. Fazio presented the property to ASARCO as a mercury prospect; see attached report by S. R. Titley. The mineral occurrences have been worked for silver in the past and were known as the Silver Hill mines. The property is located in Sec. 1, T 20S, R 9E.

The rock for several miles around is andesite (Silver Bell fm.). Narrow discontinuous zones of sheared and slightly bleached andesite contain quartz, tetrahedrite, cinnabar (locally), galena, pyrite and chalcopryite. There is no alteration of any extent away from the veins, and the mercury appears to be confined only to the quartz bearing zones. Because there is no indication that an appreciable tonnage exists, the property is not of interest to ASARCO.

It was noted that the ultraviolet mercury test revealed small amounts in rock where no cinnabar or other mineral except quartz and limonite could be seen with a hand lens.

JOHN E. KINNISON

Attachment

JEK/ds

cc: JHCourtright ✓