



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.

CHERRY CREEK (EGAN CANYON) NEVADA WHITE PINE CU .

J.M.Hill, 1916, Notes on some mining districts in eastern Nevada. USGS Bull. 648, p.161-174

Quartzite overlain by crystalline limestone with dark shales near the dips west, toward the crest of the Egan range. Several masses of quartz monzonite intrude the quartzite.

Total production at least \$6,000,000 and may be much more.

One mine, the Biscuit, had as its ore body what seems like a replacement deposit in a limestone bed near the base of the limestone series, and overlain by intercalated shale. Said to have produced about \$7,000,000 in silver, partly as argentite, together probably with proustite and stromeyerite.

The rest of the production came from lead-zinc veins in the quartzite; the veins are strong in that rock but tend to finger out where they enter the argillaceous shales at the base of the limestone series. One of these, the Exchequer, produced about \$3,000,000 in silver; hornsilver in the upper levels, ruby silver below.

Alluvium overlaps the quartzite on the east, and contours suggest a rock pediment at least a mile wide adjoining the productive veins. The Star mine is of especial interest; most of the other productive veins strike roughly with the quartzite and with the west edge of the alluvium, hence would not enter the alluvium; but the Star vein strikes nearly perp. to the alluvium contact, and the Star mine is the closest of all the mines to that contact. The shaft is 750 ft. deep, with 8 levels; most of the drifting was toward the west; the longest drift is only 600' long; while this might imply that the vein was getting poorer in this direction, at least they never got under the alluvium, and there might be another ore shoot on the same fractures (there are 2,30' apart) beneath the alluvium.

Production of the Star is not given, but one ore shoot was 900' long.

The quartzite is the equivalent of the Prospect Mt. quartzite at Eureka and elsewhere. A stratigraphic thickness of about 3000' is exposed in the district, but since this formation attains a thickness of 6000' in places. it should or might extend eastward from $\frac{1}{2}$ to a mile, under the alluvium and might well contain rich silver-base metal ore bodies.

This district seems worth considering.

GSA Spec. Pap 76, 1963, p. 185

✓
Ore Deposits of Cherry Creek, Nevada

ADAIR, DON H., *Bear Creek Mining Company, Salt Lake City, Utah*

