

#### **CONTACT INFORMATION**

Mining Records Curator Arizona Geological Survey 1520 West Adams St. Phoenix, AZ 85007 602-771-1601 http://www.azgs.az.gov inquiries@azgs.az.gov

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#### ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SILVER QUEEN GROUP

ALTERNATE NAMES:

SILVER QUEEN SILVER KING

SANTA CRUZ COUNTY MILS NUMBER: 82C

LOCATION: TOWNSHIP 20 S RANGE 14 E SECTION 25 QUARTER SE LATITUDE: N 31DEG 39MIN 47SEC LONGITUDE: W 110DEG 51MIN 43SEC

TOPO MAP NAME: MOUNT WRIGHTSON - 15 MIN

**CURRENT STATUS: PAST PRODUCER** 

COMMODITY:

COPPER GOLD

LITHIUM PEGMATITE

**BIBLIOGRAPHY**:

USGS MT WRIGHTSON QUAD AZBM CARD FILE SANTA CRUZ CO. ADMMR CARD FILE ADMMR SILVER QUEEN GROUP FILE SCHRADER, F.C., 1915, USGS BULL. 582, P. 190 BERT WINDERSON ON BELIEVE MEMORANDUM
To: Dire

Silver Queen (Tymdall Dist.)

To: Director, Dept. Mineral Resources

From: George A. Ballam

One, J.H.White, owner of a property, Pb-Ag, in Josephine Canyon west of Patagonia, was in Sunday evening to get information relative to making application for a loan on this property. He is working in San Diego and appears to have no definite plans except that he is anxious to get back to mining in which field he has had quite a bit of experience.

From his description of the conditions found at the mine, it looks like pretty much of a prospect and quite inaccessible from the standpoint of economy in operation. You had reported on the district in general a couple of years ago. However, he seemed to be quite perturbed about your lack of enthusiasm and gave you a general dressing down. I told him that at the time he discussed loans with you, there wasn't a Chinaman's chance of one being made on the property since at that time there was no provision for accessibility loans, which apparently would be the type necessary here. It seemed to be the right answer, so back me up on it if anything more comes up.

I believe I talked him out of the lead idea after he had mentioned two adjacent things, one high-grade copper (bornite) and the other a big zinc. He is going to revise his plans and apply on one of the other of these. Then too, that makes it Cohring's affair, and I'm afraid we couldn't do other than disapprove the lead business.

Millan

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## DEPARTMENT OF MINERAL RESOURCES STATE OF ARIZONA FIELD ENGINEERS REPORT

Silver Queen Group Mine

Date

Mary 27, 1941

District Tyndall Maing District Santa Cras County, Arisona Engineer

J. S. Coupel

Subject:

# A DECEMBER OF AND STRUCK OF A PROPERTY OF A STRUCK

# TOR TRANSPORTED TO A CONTRAL MULLIPA PLATE.

There are numerous mining claims, developed to shallow depths, within CONCLUSION: a comparatively short distance from each other, which, with a limited smount of deeper development work, should justify a central milling plant for this eres.

The Silver Queen Group is located about 18 miles from Patagonia, in the L/XXIII CHT foot hills on the 38 slope of Mount Baldy. The claims are reached by e good county road - the Alto-Calero road to within about i miles of the properties and thence by trail.

> Plans are now being considered by the Soard of Supervisors of Santa Gruz County to continue the Alto-Jalero road a distance of 6 miles, where it will comment with a county road from Continental. Soth roads now dead-end in the mountains and the connecting link of 6 miles will be of value not only as a short route to Tueson from this mining area but as a protective road for the Forest Service and a scenic loop road.

The district is composed scinly of quarts district and quarts sonsonite CECLOCY: which borders the rhyolite and granite of the Hount Baldy eres. Intrusions of decite, rhyolite and aplite are noted in F. C. Shraders, U. S. G. S. report of the Santa Rite and Patagonia Mountains, 1918, on some of the mines in this general area.

CHARACTER OF ORES: As the workings are comparatively shallow the ores are mainly oxidized comer area carrying high silver values, usually recurring in totrehedrite. From some of the workings the indications are that sulphides will occur at little additional depth as chalcopyrite shows in the unaltered specimens of oxe.

The main values are in silver and copper

PROPERTIES CONSIDERED: Only a limited portion of the area was considered in this preliminary work. The main properties being the Silver Queen Group, owned by H. S. White and the Compadre Group, owned by O. A. Reid, the two groups adjoining each other.

> The major structure here is a north-south aplite dike in a quarts appoints country rock. On either side of this dike are a series of approximately east-west veins varying in width from one to four feet and carrying the compan-silver ores in a quarts matrix. The ores noted were bornite, agurite, chalcopyrite and tetrahadrite, with quarts and hematite as the gampus.

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the Interpolate to the Angle Common tends of the Common to the Angle Common to the Angle Common to the Angle Common tends of the Common tends of t

The climate is dry, bealthy and well suited for all year operations.

Company of the specific continues, limited to the search for high-grade chipping on a search paint of the continue of the control of the cont

A suitable site for a mill is available, which sould be located at or near one of the major ore showings and at the same time allow for proper balling disposal.

The proper flow sheet for such a custom will should be determined by a

Silver Gasan Group Dage 3

a corios of one tests but expansitly presents at serious difficulties. It sould undoubtedly examine of flatation with proper respects for sulphidizing the oxidized expansions and make a good recovery on the silver content.

CONCLUSION

Sufficient time was not available to make a detailed possization of the many value, papely developed.

Prough work to develop a large tomore has not been done as nost of the work has been limited to high-grading for shipsent. The indications are that arough one can be developed, with emperatively small expenditure on 2 or 3 of the major ore showings, so as to justify the exaction of a Co-tom will.

There are so many showings of good one is the district that a large number of properties would restaubtedly some into production, at ac cost to the custom milling plant, once milling recilities were evaluable.

At this time a custom mill is not empressed, but with a limited encent of development on 8 or 3 of the major one showings enough one should be developed to servent a custom milling plant.

inputted by

J. S. Compal, Mining Maginaer.