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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SILVER HILL MINE GROUP

ALTERNATE NAMES:

BLACK BEN
MANILA
HALL MINE GROUP
ANANIAS

COCHISE COUNTY MILS NUMBER: 25

LOCATION: TOWNSHIP 17 S RANGE 30 E SECTION 24 QUARTER NE
LATITUDE: N 31DEG 56MIN 15SEC LONGITUDE: W 109DEG 13MIN 22SEC
TOPO MAP NAME: PORTAL - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER OXIDE
COPPER SULFIDE
LEAD
SILVER
GOLD LODE
TUNGSTEN

BIBLIOGRAPHY:

KEITH, S.B., 1973, AZBM BULL. 187, P. 54
ADMMR SILVER HILL MINE FILE
USGS MINERAL RES. OF U.S. 1910
USBM RI 5650, P. 6-10

Assay	Sample
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0.04	14804	112'-148' from Sta.1 lower adit
.02	14805	17' across back 36' S.E. of Sta.3 lower adit
.04	14806	7.5' across face of drift 24' N.W. of Sta.3 lower adit
.03	14808	23'-66' from Sta.1 lower adit
.02	14807	40'-128' from Sta.A upper adit
.04	14824	143'-146' from Sta.1 lower adit
.14	14825	122'-125.5' from Sta.1 lower adit
.18	14826	2.3' face of drift 24' N.W. of Sta.3 lower adit.
.89	14827	87'-90.5' from Sta.A upper adit.

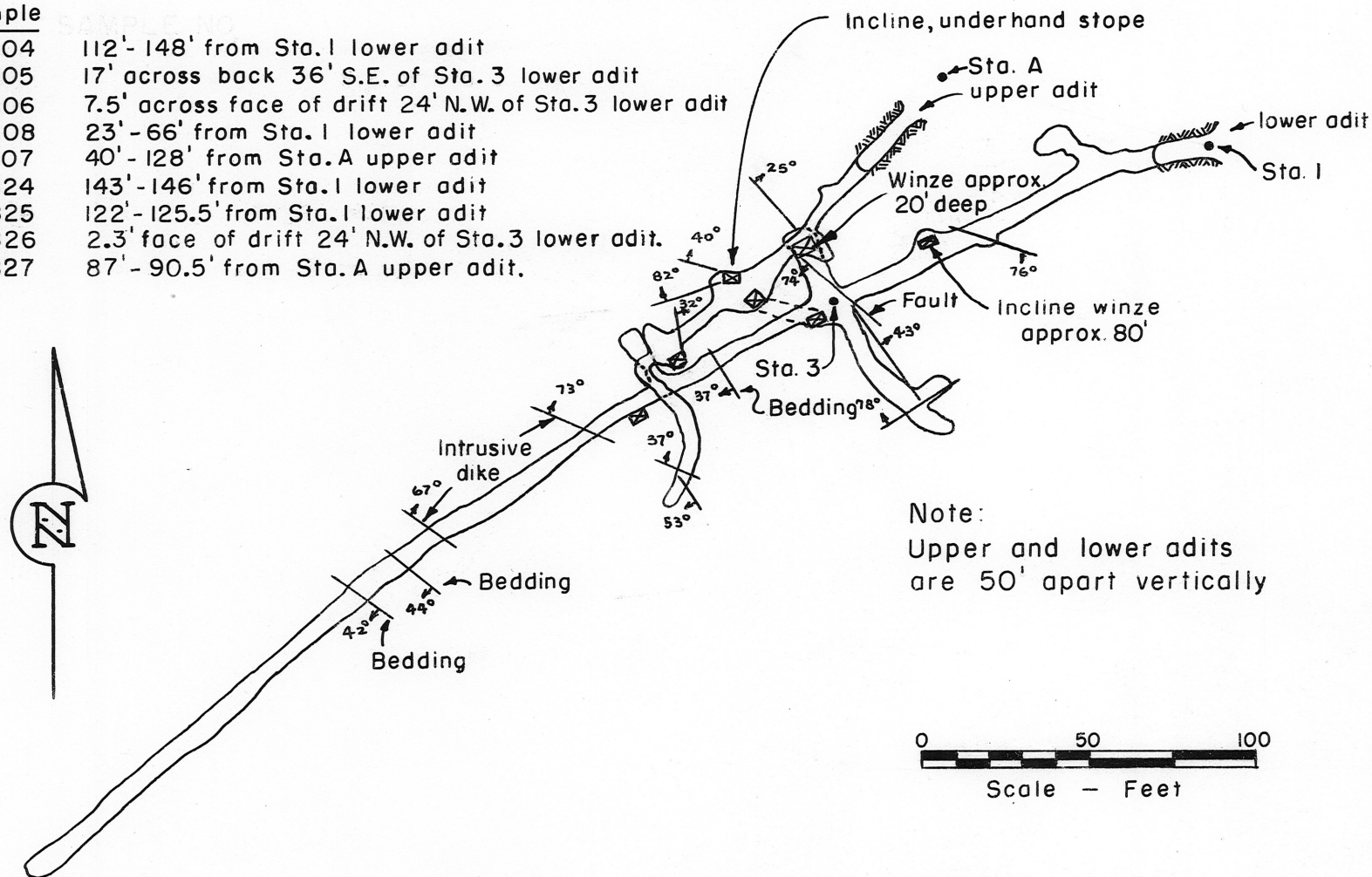


Fig. 3-Brunton Survey of Silver Hill Mine

SILVER HILL MINE

COCHISE COUNTY

RI 5650 p. 6-10

ABM Bull. 187, p. 18

USGS Mineral Reserves of U.S. 1910

MILS Sheet sequence number 0040030211 (p. 538)

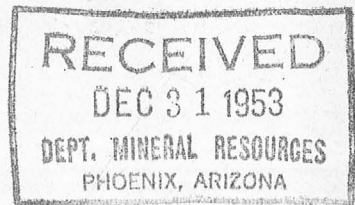
EPLEY, E. F. (OWNER)
Portal, Ariz.

5-14-53

HARRIS & SILVER HILL
MINE - SILVER HILL MINE, California(Chiricahua)Dist., Cochise Co.

LESSEE - KELLY AND COMPANY, 804, 75th West Street, New York
Dr. S. C. Hu, Engineering Rep.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT



Mine Silver Hill Mine

Date Dec. 11, 1953

District California (Chiricahua Dist.) Cochise Co. Engineer Axel L. Johnson

Subject: Report of Mining Operations

Location Sec. 13 -- T 17 S -- R 30 E

Number of Claims 11 unpatented claims

Owner E. F. Epley, Portal, Ariz.

Lessee and Operators Standard Tungsten Corp., 75 West Street, New York 6, N. Y.
Dr. S. C. Hu, President ----- Address above.
Henry G. Grundstedt, Arizona Manager, 935 West Calle Lerdo, Tucson
Lease is for 10 % royalty with option to purchase.

Minerals Tungsten ore in the form of scheelite. Mine worked previously for Lead and Zn.

Number of Men Employed 2 men

Production Rate No production yet. Work, thus far, has been all development.

Geology See report of this property under date of May 14, 1953.

Milling Facilities Ore to be mined from this property will be trucked to the company's mill at Pomerene. (See report of Pomerene mill).

Present Operations The work so far has all been development to block out ore for future mining operations. One raise has been put up, and a second raise is now being worked on.

Proposed Plans Operators expect to start mining ore for trucking to the Pomerene mill in about 30 days. 3 men will be employed then, and the ore production expected is about 15 tons of ore per day. Ore will be hand sorted before hauling to the Pomerene mill.

References See report on this property under date of May 14, 1953.

Visited Silver Hill Mine - not working - some exploration work of recent date was indicated.

ALJ Wr 6/1/64

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Standard Tungsten Corp.

Date Aug. 13, 1953

District California, Cochise & Dragoon Dists.
Cochise County.

Engineer Axel L. Johnson

Subject: Report of Mining Operations ----- Information from Henry G. Grundstedt, Arizona
Manager of Standard Tungsten Corp.

- \ The Standard Tungsten Corp., 75 West Street, New York 6, N. Y.
- \ Dr. S. C. Hu, President, address above.
- \ Henry G. Grundstedt, Arizona Manager, 935 West Calle Lerdo, Tucson, Ariz.,

The Standard Tungsten Corp. holds leases and options on the following tungsten properties:

(1) Silver Hill Mine (See my report of Silver Hill Mine under date of 5/14/53)
This mine was leased from E. F. Epley of Portal, Ariz. Company is now working 2 men on this property, and is putting up a raise from the lower--2600 ft. tunnel. This raise is now up 35 ft. Mining machinery has been installed & the road has been repaired.

(2) Ward Property, 8 miles north of Portal, is being explored by the company. A crew of 3 men is doing this exploration work.

(3) Kries Mine (See my report on Kries Mine under date of Sept. 13, 1951)
This mine is leased from John F. Kries, Warren, Ariz. Mine is located 17 miles north of Tombstone in the foothills of Dragoon Mts. Company expects to start exploration work on this property in about a month.

(4) Black Rock Mine (See my report on this property under date of 10/29/52)
This mine is located 11 miles NE of Pomerene in the Little Dragoons. The Standard Tungsten Corp. has a 30 day option to purchase this mine from S. C. Kramer, Benson, Ariz. together with Mr. Kramer's mill at Pomerene. Option expires on Sept. 4. The Standard Tungsten Corp. is now running a test on the ore mined at this mine, testing same in Kramer's mill at Pomerene. 4 men are at present working the mine, getting out about 15 tons of ore per day.

(5) Kramer's Mill at Pomerene. Company has 30 day option to purchase the mill together with the mine. Option expires on Sept. 4. The manager, Mr. Grundstedt, seemed quite confident that the deal would go through. Mill is located on the San Pedro River, 3/4 miles west of Pomerene. Mill has jaw crusher, screens, 3 jigs, 2 tables, and ore bins. No flotation is provided for. 2 men are now operating the mill, and Mr. Grundstedt is having mill tests made of the ore from the mine.

Company plans on milling the ore from all their mines at this mill--- Silver Hill Mine, Ward property, Kries Mine, Black Rock Mine, and any other mines that the company should acquire and operate within a 100 mile radius.

Mr. Grundstedt believes, from mill tests that have been made so far, that it will be necessary to install flotation units at the mill in order to remove some of the impurities from the ore from the Black Rock Mine, as the ore contains pyrite, galena, molybdenite, limonite, arsenopyrite, and apatite, in varying small amounts.

Company intends to modernize the milling equipment, and very likely add flotation units.

Mr. Grundstedt reports that stock originally was sold to 7 N.Y. bankers, but that no stock is being sold now.

Silver Hill Mine

5-14-52

The property, consisting of 11 unpatented claim is owned by E. F. Epley of Portal, Ariz. It is leased by Kelly and Company, Room 804, 75 West Street, New York. Dr. S. C. Hu is the Engineering Representative for this company. The company is reported to have applied for license to sell stock in the enterprise.

The mine has been worked in previous years for lead-silver, and contains a large number of old workings, including a 2600 ft. tunnel and 2 shorter tunnels, 12 shallow shafts, and several shallow open cuts. The company expects to mine tungsten from

this property. Scheelite is reported to be found in all 3 of the tunnels on the property. The owner reports an area about 20 ft. in width, which he claims will run about 1 % in WO_3 .

No mining operations are being conducted as yet. The mine was leased from the owner in August, 1952. Only last week, did the lessees bring in some mining equipment on the property, consisting of an ore compressor, track, pipes and timber. Owner says that lessees intend to start operating now in a few days.

Operators, according to owner, Mr. Epley, intends to build a mill to treat the tungsten ore as soon as adequate ore reserves have been proved up. The mill planned is a dry concentrator gravity type mill to be located on the property. A 100 ton mill has been mentioned as a possibility.

Owner, Mr. Epley, believes that the lessees may intend to sell stock in the company.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Silver Hill Mine

Date May 14, 1953

District California (Chiricahua) Dist., Cochise Co. Engineer Axel L. Johnson

Subject: Report of Mining Operations

Location Sec. 13 -- T 17 S -- R 30 E.
Turn west on mine road, just north of Paradise, and go about 1/4 mile.

Number of Claims 11 unpatented claims.

Owner E. F. Epley, Portal, Ariz.

Lessees and Operators Kelly and Company, Room 804, 75 West Street, New York 6, N. Y.
Dr. S. C. Hu, Engineering Representative.
Leased with 10 % royalty with buying option.
Lessees reported to have applied for license to sell stock.

Minerals Tungsten ore in the form of scheelite. Mine worked previously for lead & Ag.

Number of Men Employed None so far. Lease obtained Aug. 1952. Last week, operators brought in mining equipment, consisting of 310 c.f.m. air compressor, track, pipes, timbers.

Production Rate No production yet. Samples and mill tests have been made.

Geology Limestone formation cut by monzonite porphyry dykes. Scheelite occurs in the limestone, near the monzonite porphyry contact. Owner reports that an area 20 ft. wide averages about 1 % WO₃. An area about 80 ft. wide would assay about 0.33 % acc to owner.

Milling Facilities Operators, acc. to owner, intends to build a mill as soon as adequate ore reserves have been proved up. The mill planned is a dry concentrator gravity type mill to be located at the property. A 100 ton mill has been mentioned as a possibility.

Present Mine Workings The mine, operated previously as a lead-silver mine, have the following mine workings:--- 1 tunnel--2600 ft. long; 1 tunnel-- 400 ft. long; 1 tunnel --- 100 ft. long; 12 shafts, varying in depths from 10 to 40 ft.; several shallow tunnels and open cuts. Scheelite reported in all of the 3 longer tunnels. There is 40 ft. difference of elev. between the upper 100 ft. tunnel, and the middle 400 ft. tunnel, and they are above each other. The 2600 ft. tunnel is 210 ft. below the middle tunnel and 700 ft. to the east.

Past History Mine located many years ago by present owner, Mr. Epley, for lead and silver. A few small shipments of lead-silver ore were made many years ago. Last shipment made about one year ago of 1 carload of ore (40 tons) of lead-silver, yielding \$1020.
Leased ~~xxxx~~ by owner to Peterson and Cassidy, Denver, Colo. in May, 1952.
Lease transferred to Kelly and Company in August, 1952.

Proposed Plans Lessees say that they are going to start operating right away, and then construct mill, if ore reserves are developed to warrant same, acc. to the owner, Mr. Epley.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine HARRIS, SILVER HILL

Date May 6, 1943

District Paradise

Engineer Earl F. Hastings

Subject: Epley Application

E. F. Epley, Telephone 4-3764, Phoenix, Arizona.

It is difficult to reconstruct a picture of the development and exposures from the sketchy and irregular description of the applicant.

In order to get either an operating or development loan he would have to have considerable more evidence of ore. In too many places he refers to a net-work of stringers as evidence of ore in the vicinity-- and in his proposed cross cutting is apparently "feeling" for a shoot.

I frankly don't think he could get a development loan on this-- if he does have a mine it can't be proven from his data.

Suggest you call Rasor and ask him if there is a chance of re-opening. Rasor is liberal and would tell you whether or not this is worth fooling with.

His copper property, the Harris, sounds better than the Silver Hill. The R. F. C. might go for an accessibility loan on it if he makes a point of the 5 feet of sulphides he claims are in the bottom of the shaft.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

Earl F. Hastings, Projects Engineer