

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

The following file is part of the

Arizona Department of Mines and Mineral Resources 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.

PRINTED: 06-29-2006

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SILVER KNIGHT

ALTERNATE NAMES:

BLUE SKY MINING CO. BAIRD GROUP

YAVAPAI COUNTY MILS NUMBER: 259A

LOCATION: TOWNSHIP 13 N RANGE 3 W SECTION 36 QUARTER NW LATITUDE: N 34DEG 27MIN 57SEC LONGITUDE: W 112DEG 31MIN 35SEC TOPO MAP NAME: WILHOIT - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

GOLD SILVER LEAD ZINC COPPER

BIBLIOGRAPHY:

USGS WILHOIT QUAD ADMMR SILVER KNIGHT FILE YAVAPAI MAGAZINE JUNE 1921 P 10 USAEC PRELIM RECON REPT YAVAPAI CTY FILE A-98 1956 P 20 PROPERTY WAS MOSTLY IN SEC. 35 MEMORAN DUM

To Sam Coupal

From: B. W. Brown - FIELD

Subject: The Gus A. McKnight mine "Silver Knight", Copper Creek

Mariner Street

Thanks for the clipping on the Silver Knight. I noticed a like article in the Prescott paper and have been following it up. McKnight is angling for a government loan. Oh why oh why does everyone want money.

Was requested to make an examination of the Silver Knight and will make same this week.

B. W. Brown - FIELD

DEPT. MINEPAL WOURSES

DECT VIEW

JUL 6 1943

PHOEN AND ON

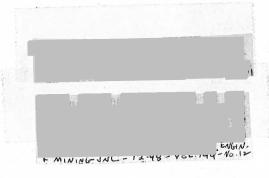
May 27, 1957

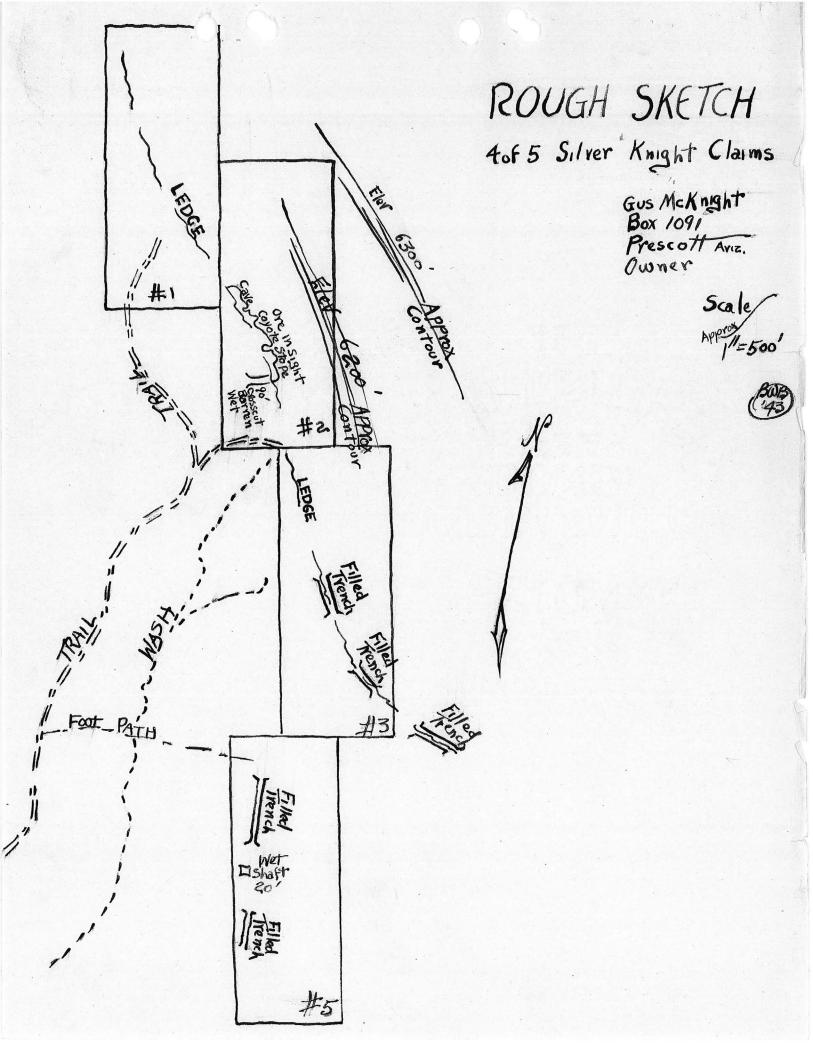
SILVER KNIGHT

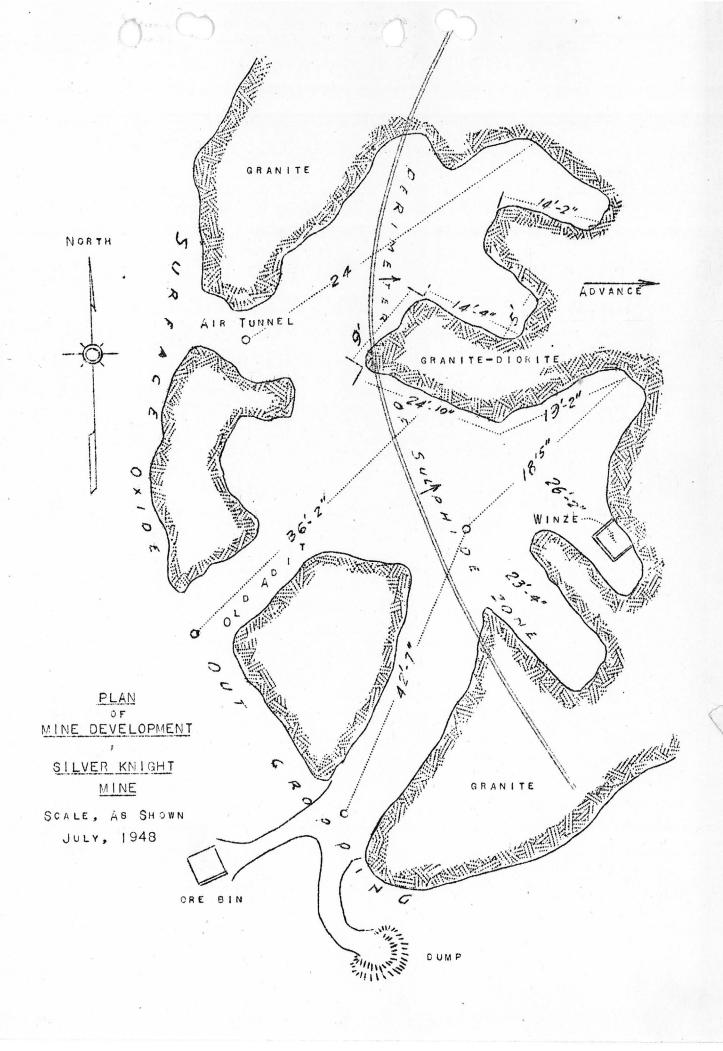
Yavapai County

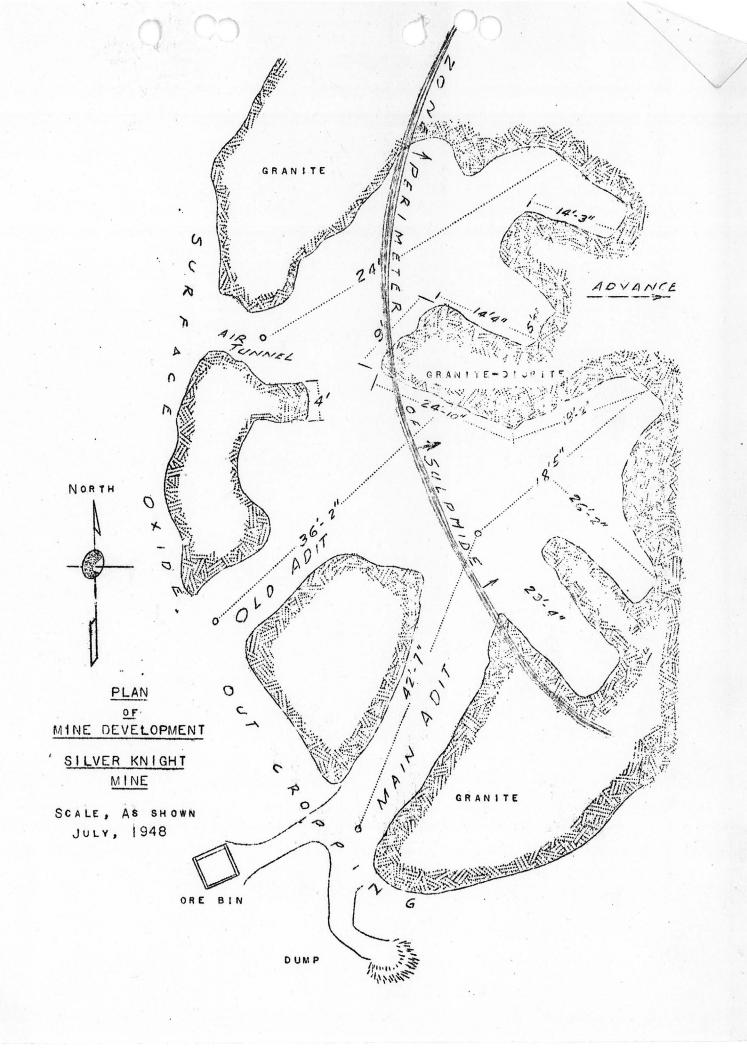
This property inactive.

AM CHAIL









modnight Bros. Ind.

STLVER KNIGHT DEVELOPMENT COMPANY LTO.

PRESCOTT ARTZONA

MINE REPORT

I, GUS A. MCKNIGHT, HEREBY CERTIFY

THAT THE FOLLOWING REPORT ON THE SILVER

KNIGHT MINE IS A TRUE COPY OF THE REPORT

MADE ON JULY 6, 1948 BY IKE KUBISTO,

MINING ENGINEER, WHO WAS ENGAGED FOR THE

PURPOSE AS STATED HEREIN.

VERY TRULY YOURS,
SILVER KNIGHT DEVELOPMENT COMPANY, LTD.

GUS A. MCKNIGHT, PRESIDENT

IN REFERENCE TO ORGINIAL:

The orginial copy of this report is kept on file with other information and documents of this corporation.

ENGINEERING AND GEOLOGICAL REPORT COVERING THE SILVER KNIGHT MINE IN YAVAPAI COUNTY, ARIZONA A REPORT BY MR. IKE KUSISTO, MINING ENGINEER PROPERTY The Silver Knight property consists of eight (8) unpatemed mining claims, and a mill site claim, situated in Section 36. Township 13-North and Range 3-West in Yavapai County, Arizona and in the Hassayampa Mining District in the extreme northeast portion of the Congress Quadrangle which is described in the 1904 edition of a report by the United States Geological Survey (U.S.G.S.). This property is located 11.2 miles southwest of Prescott and is reached by U.S. Highway No. 89 and 1-1/2 miles of forest maintained road in the Prescott National Forest, and finally by 3/4 mile from Copper Creek in a northeast direction to the Silver Knight Mine. HISTORY This property was first opened by the late William Baird in 1912. the ore being handled by mules and packed to Prescott where it was sold to small ore buyers, nothing was removed from the workings but the oxide ores and that which could be mined by hand methods. Upon the contact with the sulphides the mine was shut down until 1943 when it was opened by the 'Blue Sky Mining Company when it was cleaned out and some development was done, there is no history of ore sales that time, there is however, much ore on the waste pile. The mine was reopened again in 1947 by Gus A. McKnight, the present owner who has cleaned and prepared for further development of a blanket vein which folded and necessitated the starting of a winze which was started and carried down about 4-feet width of ore to a depth of 8-feet. I understand now the mine is down for reorganization and financing for machinery and materials to carry on this development and winze. This last work show an ore sale of 4.028 tons of sulphide ore and due to its high galena content was shipped to the Shattuck-Denn Mining Company's Iron King Mill at Humboldt, Arizona (copy of settlement sheet attached). DEVELOPMENT The mine is opened by two old adit tunnels that were drove into the hillside of oxides where a kidney of ore and gangue was removed and left a large glory-hole of about 25-feet diameter, from surface indications these drives were made from the evidence of the surface where the drives were started along the brink of the hill is a large outcropping of highly mineralized oxides. The working of the Blue Sky in 1943 was to open a new adit and drive to a point about the center of 1

DEVELOPMENT (continued)

the glory hole and as the sulphides waved downward to the floor they stopped and returned to a point on the south side of the new tunnel and drove a drift in a southeasterly direction which was toward the surface as to the contour of the hill. There is evidence of ore along the southwest side of the strip but reached, on the opposite side the ore is of a sulphide type found in grass roots, this is shown on Plat as "Drift No. 1", no samples were taken from this drift.

The last work was done by Mr. McKnight in the fall of 1947. This work consisted of cleaning all the holes and working and starting of a new drift shown on Plat as "Drift No. 2. The ore in the main tunnel was wide at the start of this drift and continued with an average of about 9-inches until it reached a distance of about 15-feet inward then pinched and some occurence has taken place as evidenced by the folding of the quartz vein and the dip downward into the hill, where the sulphides and value increased and water is present, this winze was carried as far down as work could be cone without a hoist or There is a tunnel at a level 75-feet below the other arrangements. floor of the main workings into the hill under the present workings for a distance of about 20-feet, the full length of this tunnel is 83-feet, the walls are granite clean and stand well, the walls of the main workings are principally granite with evidence of diorite and calcite, the mine is clean and operations can be taken up on short notice, there is equipment available for the carry out the development in the winze other than a large compressor will be needed for air tugger and possibly a water pump. There has in the past been much development wasted but the work done last has been along progressive lines, the trail is a good tractor or four wheel truck trail, the mine is clean, the monuments and lines are well defined, there is water sufficient for drilling and motors in the lower tunnel, there is a large wall near the millsite which was dug on forest property for the purpose of supplying water to mix the concrete for the concourse on Highway No. 89 across the Copper Creek, this well is shaft 6-feet in diameter and 83-feet deep and stands within 10-feet of the top with good cool mountain water at the millsite water can be developed for a mill or flotation process at a depth of 100-feet to be used as standby when Copper Creek is low from seasonal droughts.

GEOLOGY

The vein is a quartz vein in a blanket formation at the outset of the oxides (sample taken) the vein then becomes a quartz vein in granite with a high grade galena value, with signs of chalcopyrites and shplarites; the vein can be traced from the outcroppings near the entrance by the old adit, for about 300-feet in an easterly direction to the western edge of adjoining claim "Silver Knight No. 8" much movement has occured and the fracture in the granite is brecciated and the walls are both of the same nature, granite with some diorite and

GEOLOGY (continued)

mineralized with pyrites, the vein varies in width from a few inches to 20-inches and has an average width of about 10-inches (samples were taken from the vein exposed in the walls and the face at the winze. The entire east and north portions of the property can be chlordied for highgrade sulphides in the walls of the drifts and tunnels already cut as to the extent of the backage it can not be figured, the depth from surface at the top of the hill to the floor of the winze is 75-feet.

MINERALOGY

I find a silicified fracture in the Bradshaw Granite; this fracture appears of varying thickness, the average of which is about 10-inches. The silicified material within the fracture has been brecciated and the mineralization occurs along the planes of cleavage and frequently makes sizable bodies of massive sulphides. The sulphide minerals are galena and pyrite with minor quanties of chalcopyrite and sphlarite. The attached map (Plat) shows the assays by their number and in relation to the floor Plat of the workings. The occurence at the extreme northeast end of drift No. 2 shows the mineralized zone dipping into the hill at 25-degrees, the dip is northerly and the strike is east, limited backage would be afforded from the present levels in a northerly direction.

RECOMMENDATIONS

That the winze be carried down to at least 25-feet, to determine if the fold and faulting action has ceased and to ascertain the correct dip and pitch more definitely and if this drift continues with its values in the winze, then that a survey be made in view of driving the lower tunnel to the vein and stoping to the present levels for econom-Taht the test hole on Silver Knight be cleaned and ical mining. complete examination of the ore and rock therein be made for palentologocal information and its relation to the ore in the winze, this might lead to a complete blocking of ore from the present workings to the test shaft on Silver Knight No. 8. There is about 4,000 feet of trenching on the entire group that has been chlorided from the surface for its easy obtainable values, test holes or diamond drilling is recommended all along the old trenches to determine the mineralization of the entire group of claims. From a casual survey of the area I believe the more convient trail could be built that conventional cars and trucks could use for ingress and egress to the wrkings for about \$2,000.

For treatment of the oreat the present I recommend Hartz jigs, crusher and rollers so that the ore may be reduced to about a 6 to 1 ratio at the portal, thereby decreasing the cost of transportation and handling, by this method the silica and gangue would be entirely

RECOMMENDATIONS (continued)

eliminated and the metals retained, the gold is frozen with the iron pyrite, the silver, lead and zinc have the natural affinity of black galena.

The purchase price of the Silver Knight Claim No. 3 and the Silver Knight Claim No. 6, for \$25,000 in stock of a development company and a cash advance of \$6,000 seems to be reasonable and fair according to the contract as explained to me.

I further recommend that the development and the ore-dressing be done under survelliance of competent engineer and that the changes and occurances in the structure of the formations be charted as the entire area is highly mineralized and evidence of much faulting, the formation is similiar to the surrounding area, Sunny South Mine, U.S. Navy Mine, the Commercial Mine, the Cacoctin Mine which all have produced well and their history is available.

CONCLUSION

The information contained herein was obtained from a personal examination of the property completed July 2, 1948 and I attach hereto a Plat of the area, a Plat of the workings and a mineral assay map, the samples were cut by myself.

(SIGNED)

Ike Kusisto Mining Engineer

STATE OF ARIZONA) s.s.

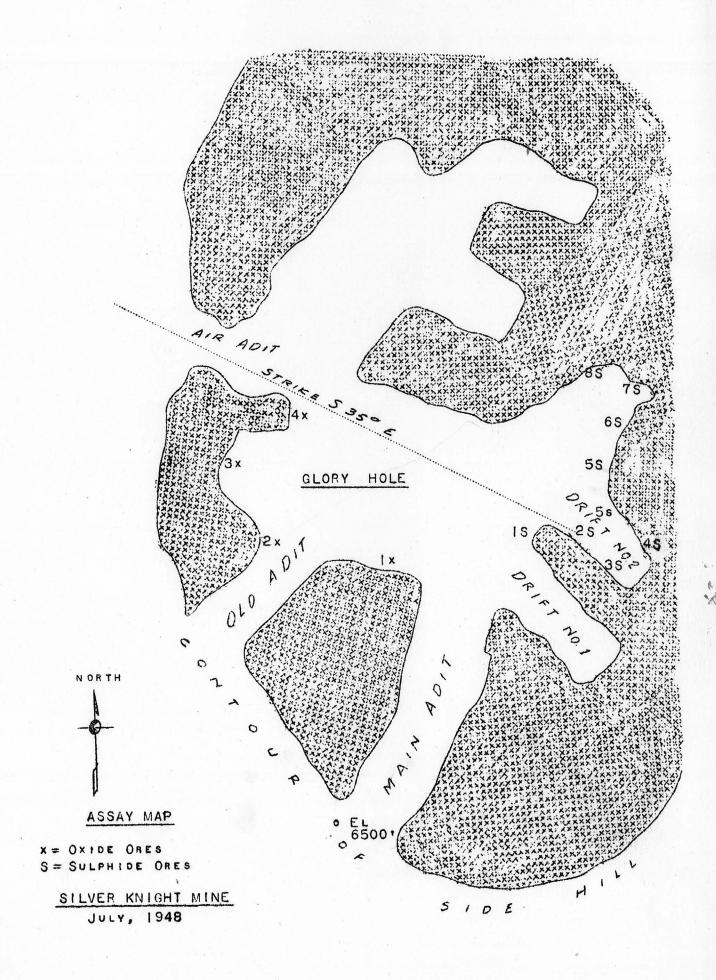
Personally appeared before me Notary Public in and for the County and the State above mentioned, Ike Kusisto, whose signature appears on the attached engineers report, and states under oath that the report is to the best of his knowledge true and accurate and that the property was examined by him personally.

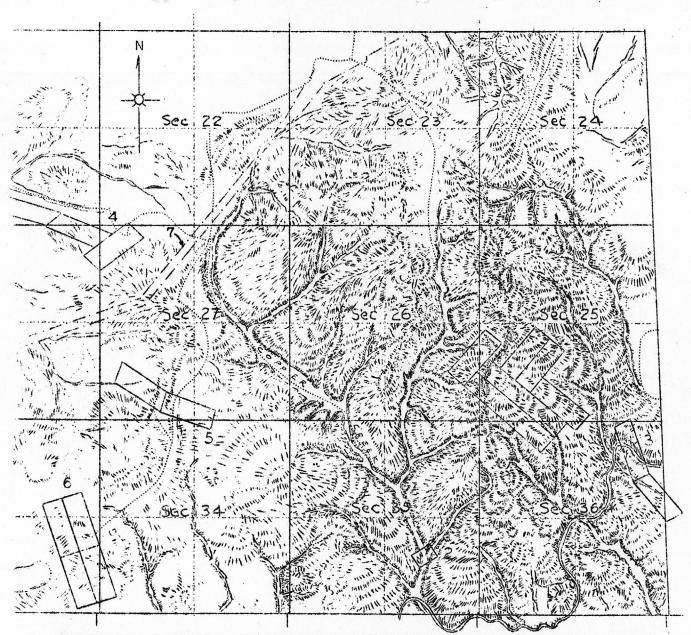
(SEAL) Dated at Prescott, Arizona July 6, 1948

MY COMMISSION EXPIRES
November 25, 1950

(SIGNED)

L.F. Dowell, Notary Public





MAP SKETCHED FROM INDEPENDENT RESURVEY TOWNSHIP NO. 13 NORTH, RANGE NO. 3 WEST, GILA AND SALT RIVER MERIDAN PERTAINING TO MINERAL CLAIMS OF THE DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE, DENVER, COLO.

- 1. SILVER KNIGHT MINE (UNSURVEYED)
- 2. SILVER KNIGHT MILL SITE (UNSURVEYED)
- 3. SUNNY SOUTH MINE
- 4. PHELPS DOOGE COMMERCIAL MINE (PART OF GROUP)
- 5. GRAND VIEW MINE CLAIMS
- 6. ORPHAN MINE GROUP
- 7. ELECTRIC TRANSMISSION LINE (ARIZONA POWER Co.)

SKETCH SHOWING MINES IN AREA OF SILVER KNIGHT MINE

O 5 0 10 20 40 80 Industrial SCALE, 40 CHAINS TO AN INCH

DATE: JULY 5, 1948

The follogis by of the Ore Settlenent Sheet on a four ton m. I sample, from the Silver light ne, No.2

ORE SETTLEMENT
Shattuck-Denn Mining Corporation
Iron King Branch
Mill, Humboldt, Arizona.

Bought of: Silver Knight Dev. Co., Ltd.

Dec. 3, 1947

Address: Box 1081 Prescott, Arizona.

Shippers lot No.1

Name of Mine: Silver Knight No.2

Rec'd. Nov.28,1947

1-load

Gross Wt. 4.110 Tons

% h20

2

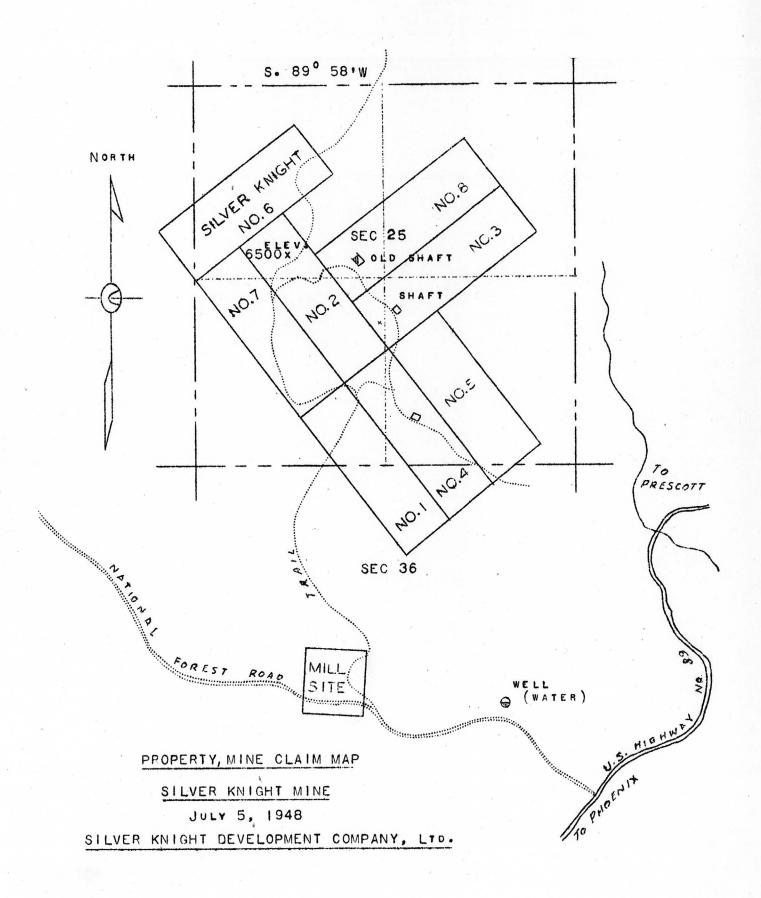
Dry wt.

4.028

	Secretarion Secretarion	COMMENT OF THE PROPERTY OF THE		CANONICA CONTRACTOR AND		
		PAYMENTS	3			
Market and service and service and	ASSAY	Pay for	Pay for	Price	Amount Per Ton	Total
Gold Blaver Lead Zinc	.570z 25.300z 5.50% 6.20	65% 65% 75% 60%	.37 o 5 16,445 4. 00 5 3.720	32.00 .80 2.00	11.86 13.16 8.25 2.98	
<i>a</i> mc	0.00	Deductions			36,25	146.0
	Base mill charge \$3.50				3.50	14.10
	Mill return				32.75	1 51.98
	H	auling by, De	livered.			
Check	to : Silve	r Knight Deve	Lovement Co		32.75	131.98

Approved. H.F. Mills

Remarks: You will see that we were paid only 10¢ for lead and 2¢ for zinc, and an avrage of only 65% of our net milling assay, if this would have been in carload lots to the smelter we would have received about \$60.00 per ton for the above assayed ore. It has an assay value of about 84.00 per ton.



DEPARTMENT OF MINERAL RESOURCES Mineral Building, Fairgrounds Phoenix, Arizons.

TO THOSE INTERESTED IN A PREMIUM PRICE PLAN:

At a meeting in Denver, February 1st to 7th, of mining interests from all mining states, an attempt was made to bring forth a premium price plan that would not be objectionable to any segment of the industry.

A copy of this plan is enclosed herewith.

Without comment as to the chances of such a plan in Washington, and ignoring the fact that it is quite complicated and vague, this department is anxious to know how it would fit the individual needs of Arizona miners.

If you are interested in any premium price plan will you please analyze this plan from the point of view of your own operation, and let us know how it would work out for you.

> Yours very truly, Chas Al unning

Chas. H. Dunning

Director

CHD: mh

SILVER KNIGHT DEVELOPMENT CO., LTD.

Mr. Dunning:

BOX 1081 PRESCOTT, ARIZONA

I think this is a good start, but I also think there should be aruling or law covering ore settlement by licensed buyers that would be more explicit, I am Inclosing sample you can keep this confidential, but I can see the Mills reason for poor r covery and also the reason for paying only for that per cent recovered but why could they not pay for that percentage the ore market price and show the deuctions of feight on freight etc., here in this report they pay only for 65% but not at metal markets prices, as shown zinc was 2 & lead 10 & silver 80 & gold \$32.00, I think they should pay for all ore recovered and show what the deductions are and what for it might not be any difference in the end but would assist the small operator in acquiring a knowledge of the spread that is made by the monoply and what he is up against in marketing his product, before having the expense of mining it, with this information he could use a cost accounting system of production and that is what will have to be done with the small m nes in this area under the present high labor and freight prices.

Resp. GUS A. McKNIGHT

YAVAPAI COUNTY COUNCIL

ARIZONA SMALL MINE OPERATORS ASSOCIATION

THE SMALL MINE OF TODAY IS THE PRODUCER OF TOMORROW

EXECUTIVE COMMITTEE
CARL BARTH, JR.
W. C. BROADGATE
THOMAS E. CAMPBELL
HOWARD H. FIELDS
FRED GIBBS
H. F. MILLS
H. C. MITCHELL
GRACE M. SPARKES
LEO T. STACK
J. W. STILL
L. O. TUCKER
JOSEPH W. WALTON
HOMER R. WOOD

Prescott, Arizona

November 1, 1940

HEADQUARTERS: GROUND FLOOR OF THE COURTHOUSE, PRESCOTT, ARIZONA.

ADDRESS - - - P. O. BOX 346 TELEPHONES - - 180, 775, 303

OFFICERS

CHAIRMAN JOSEPH W. WALTON

VICE CHAIRMAN W. C. BROADGATE

SECRETARY-TREASURER GRACE M. SPARKES

Mr. Elgin B. Holt Akron Auto Court Kingman, Arizona

Dear Mr. Holt:

It was a pleasure to have had you with us at our last meeting of the Yavapai County Council, and we sincerely hope you enjoyed the session.

There is enclosed herewith the two reports which you requested on the Sioux Gold, Silver, Lead Mining Company. We hope you will be able to interest capital in this property.

Sincerely,

YAVAPAI COUNTY COUNCIL ASMOA

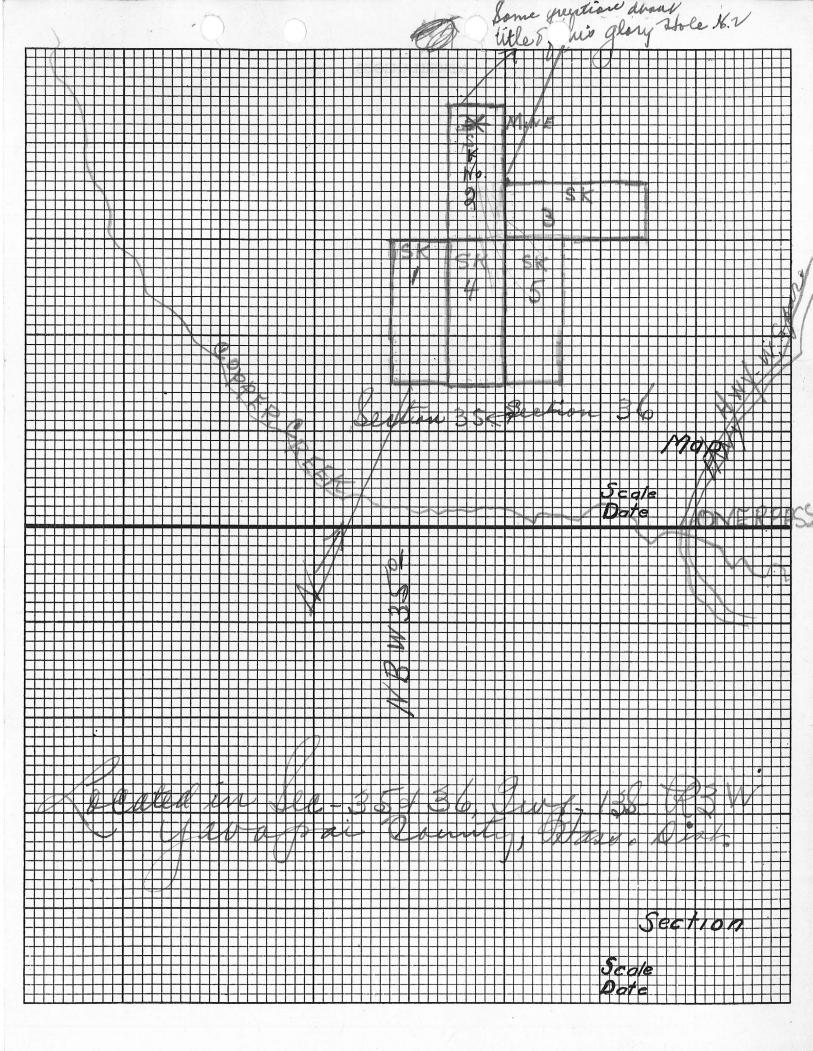
Grace M. Sparkes, Secretary

GMS ms 10-30-40 encs. Novapar

State of Arizona MINE OWNER'S REPORT

1.	Mine: SILVER K	NIGHT			- Company
2.	Location: Sec	Twp	Range	Nearest Town.	Talper
	Distance //-	Direction S.	uth Road Condition	on 11- Hwy =	- 1/2 hail
3.	Mining District &	County: Hass	ayanapa	yagaba	4
4.	Former Name of	Mine: Wan	6 Muhi	El Selvier	Time
5.	Owner:	المممميا			Shafts
	Address:	inkno	white has	e, (),	Rdises
6.	Operator:	Lodin	Offmout	Tolohas Do	S Daniel, l
	Address:	repente		1	Crosscuts -
7.	Principal Minerals	Lead	gold and	Silver	Stopes
8.	Number of Claims	11- 1	Lode	Placer	
	Patented		Unpatented	V	MMater.Suppl:
9.		ing Terrain:			
The second second	nount	ZLND-LLGZ		\	
					triotelli leleff
No. 1	a de la como	AK 16:2	and war	William - Allen	6/2//
10	Geology & Miner	alization:		THE BESTER	
0.	Quart		Sorphyey.	s comment	
		Na Na			
		Na.	14 1 Deg		es Aures
11	Dimension & Val	ie of Ore Body:			
	and Tenn	ained	72844		1575
المنافرية .	the state of the s	- 92-9-2	5-cc2ed in		V 0. 17
				No. 1 Carrier of	10 01 01
		77.07 200	S. Santa	B 137 - 17	1
	9.0		A Page Ama Leaman	ionimonga a usu amene	

J	[.]	State of Arizona
In ai	ant	MINE OWNER'S REPORT
31-046	Date 6 2224	
	(to 0 0 1 a	0 * 0
Ore Probable:	pole, Il	Bly Delulo management
	waT-taawat4	
	Accept to A. V. San	
3. Mine Workings	—Amount and Conditi	on Toor outration
No.	Feet	Condition
hafts4	50	Ded Aires 1211
aises	554	1111
unnels		water
rosscuts	2	NUMBER
topes4. Water Supply:	nor defi	nite, but sufficient at
4. Water Supply:	nor defi	rite but sufficient as
4. Water Supply:	nor defi	rite, but sufficient ato
1. Water Supply:	nor defi	rite but sufficient as
. Water Supply:	nor defi	ich was SK. No. 2, and aga
4. Water Supply: 5. Brief History:	nor defi	ich was SK. No. 2, and aga Caused Brugh Controver
4. Water Supply: 5. Brief History:	nor defi No 2 has matte	ich was SK No. 2 and aga Caused Brugh Controver 2 is Closed by Case no.
1. Water Supply:	nordefi No 2 has Superior C	ich was SK. No. 2 and aga Caused Brugh Controver was Closed by Case no.
4. Water Supply: 5. Brief History:	nor defi No 2 has Supmor C	ich was SK. No. 2, and aga caused Brugh Controver was Closed by Care no.
4. Water Supply: 5. Brief History:	nor defi No 2 has Superior C	ich was SK. No. 2 and aga Caused Brugh Controles sie Closed by Case no.
4. Water Supply: 5. Brief History:	Nordefi No 2 has Superior C Superior C	Caused Brugh Controver on the Controver of Case No.
4. Water Supply: 5. Brief History:	Nordefi No 2 has Superior C 23 2 20	Caused Brugh Controvers wir Closed by Case no.
1. Water Supply:	nor defi No 2 has Superior C 23 05 20 25 05 7	Caused Brugh Controvers wir Closed by Case no.
1. Water Supply:	Nos defi Nos has Superior C Superior C 23 05-20 23 05-20	Caused Brugh Controvers wir Closed by Case no.
4. Water Supply: 5. Brief History: 5. Brief History: 6. So 4. 6. So 4.	nor defi No 2 has Superior C Superior C 22 5-20 23 5-20 25 19	Caused Brugh Controvers wir Closed by Case no.
4. Water Supply: 5. Brief History: 5. Brief History: 6. Signature: 6. Signature:	Ney deformate No 2 has Superior C And John Son Son Son Son Son Son Son Son Son So	Caused Brugh Controvers sis Closed by Care No. Surf of Javapai Eurot. Sk 16 2 \$8.40 Seed 1847-44. 3.87 Sold. 8.40 Seed 1847-44. Tonight



DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine SILVER KNIGHT

July 10, 2943/11 12/13 Date

District Copper Creek, Yavapai County Engineer B. W. Brown

Subject: Examination of Silver Knight Mine for Gus A. McKnight Box 1091 - Prescott, Arizona

> The Silver Knight Mine, which consists of five unpatented claims held by Gus A. McKnight (Box 1091 - Prescott), is located on the Big Copper Creek in Yavapai County about 12 miles by road south of Prescott. The claims are reached by highway and about a half mile of good dirt road and thence by about a quarter of a mile of steep burro trail up a rugged granite slope.

> Although there are trench workings on all of the five claims and a few shallow pits, the main workings are on the Number 2 claim where a lenticular blanket orebody has been exposed and coyotestoped for a depth of about thirty feet. Some high-grade silver ore is said to have been shipped from the property in the past.

The vein, which chiefly carries sulphide values in lead and silver, occurs in a monzonitic porphyry near a granitoid contact. The vein is evident only in the above mentioned surface stope or coyote-hole but is said to have been exposed for the distance of several claims and traced as a blanket ledge in the now backfilled shallow trenches and pits. Where the ore is exposed in the surface stope it appears as a blanket which dips about 15 to 18 degrees to the East and pinches out laterally with rather abrupt termination. The vein shows for a lateral distance of from 20 to 30 feet as a good exposure of sulphide ore which ranges from 6 to 12 inches in thickness. A sample taken from this ledge by Mr. McKnight is said to assay as follows:

> Cu .08%

The mine appears to be a promising prospect and should be developed accordingly.

Several of the test holes are wet and would indicate that water could be easily developed on the property for normal mining purposes. The trail leading to the claims is wide and easily accessible by burro or pack mule

Further work should be done to prove the value of the property.

DEPARTMENT OF MINERAL RESOURCES STATE OF ARIZONA FIELD ENGINEERS REPORT

Mine SILVER KNIGHT

Date July 10, 1943

District Copper Creek, Yavapai County Engineer B. W. Brown

Subject: Examination of Silver Knight Mine for Gus A. McKnight

Box 1091 - Prescott, Arizona

The Silver Knight Mine, which consists of five unpatented claims held by Gus A. McKnight (Box 1091 - Prescott) is located on the Big Copper Creek in Yavapai County about 12 miles by road south of Prescott. The claims are reached by highway and about a half mile of good dirt road and thence by about a quarter of a mile of steep burro trail up a rugged granite slope.

Although there are trench workings on all of the five claims and a few shallow pits, the main workings are on the Number 2 claim where a lenticular blanket ore body has been exposed and coyote-stoped for a depth of about thirty feet. Some high-grade silver ore is said to have been shipped from the property in the past.

The vein, which chiefly carries sulphide values in lead and silver, occurs in a monzonitic porphyry near a granitoid contact. The vein is evident only in the above mentioned surface stope or coyote-hole but is said to have been exposed for the distance of several claims and traced as a blanket ledge in the now backfilled shallow trenches and pits. Where the ore is exposed in the surface stope it appears as a blanket which dips about 15 to 18 degrees to the East and pinches out laterally with rather abrupt termination. The vein shows for a lateral distance of from 20 to 30 feet as a good exposure of sulphide ore which ranges from 6 to 12 inches in thickness. A smaple taken from this ledge by Mr. McKnight is said to assay as follows:

Au	Ag	Pb	Zn	Cu
.70 oz	21.7 oz	6.1%	1.7%	.08%

The mine appears to be a promising prospect and should be developed accordingly.

Several of the test holes are wet and would indicate that water could be easily developed on the property for normal mining purposes. The trail leading to the claims is wide and easily accessible by burro or pack mule.

Further work should be done to prove the value of the property.

/s/ Bahngrell W. Brown