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(309)
Item 47

REPORT ON

HARTFORD MINE

WASHOE MINING DISTRICT, SILVER CITY SECTION
STOREY COUNTY, NEVADA.

Examined May 23, 1921.
Reported May 30, 1921.

By A. F. Carper.

REPORT ON

HARTFORD MINE

WASHOE MINING DIST., SILVER CITY SECTION
STOREY COUNTY, NEVADA.

LOCATION

The Hartford Mine is located near the southern boundary of Storey County, one-half mile north of Silver City and about three miles south of Virginia City, Nevada. In Section 8, Township 16 North, Range 21 East, Storey County, Nevada. Gold Hill, about one mile distant, is the nearest postoffice and railroad station on the Virginia & Truckee Railroad.

CLAIMS AND AREA

This property consists of one claim known as the Hartford, covering an area of 20 acres.

OWNERSHIP AND TITLE

The title to this property is possessory, being by right of discovery and location. Victor Maxim, of Reno, holds an option upon which the Maxim Gold Mines Company has been incorporated.

HISTORY

The property was first worked in the early 60's, during the Comstock boom. A report says that in 1872 the stock of the Hartford Company sold for \$480.00 a share. Practically all of the development on this property was done during this time.

ADJOINING AND NEARBY PROPERTIES

The Hartford adjoins the Lucerne on the southwest. This property was a big producer in early days from a gloryhole and deeper workings. Lessees are at present mining good ore from the Comstock Lode proper which crosses this property. The Justice property to the north was another producer from the Lode. There are also several other old producers east of the Hartford on cross ledges. The Bulkley Wells operations at present lie about one mile west of the Hartford.

FACILITIES

Transportation. Railroad freight can be brot in on the Virginia & Truckee Railroad to Gold Hill where supplies will have to be loaded on trucks and hauled down the hill $1\frac{1}{2}$ miles to the Hartford. Outgoing freight could be hauled down the valley three miles to Dayton.

Power. Electric power can be obtained from the line connecting with the Lucerne.

Water. A pipe line from the Virginia City pipe line crosses on the west side of the Hartford claim.

Timber. There is no timber growing on these hills. All timber for mine use will have to be shipped in from outside sources.

Labor. Labor at present is very similar to Tonopah and just about as unsettled.

TOPOGRAPHY

The general topography of this country is rather rugged, the valleys steep and the hills from low and rolling to quite steep. A certain amount of tunnel work can be done on veins outside of the Comstock lode proper which follows the valley, requiring shaft work.

GEOLOGY

General. The rock formation in this country is a rather complicated series of igneous flows and intrusions of diorite, andesite, quartz porphyry and diabase. The veins are all of the contact type. The Comstock Lode being on the contact between diorite, footwall and hornblend andesite, hanging wall.

Local. The Hartford claim is practically all covered with quartz porphyry, with one small intrusion of hornblend andesite.

ORE OCCURRENCE

The ore occurs in a crushed zone on the contact between hornblend andesite, footwall and quartz porphyry, hanging wall. The vein material varies in width from a narrow streak to over 15 feet in width. The main ore streak mined in the early days is about 3 feet wide and consists of a sugar quartz, gypsum, calcite, manganese and limonite. The hanging wall of this streak is mixed quartz, gypsum and calcite, the footwall being fault gouge, talc, with small pieces of crushed quartz and some manganese. Silver on the average is the predominating valuable mineral in the district.

The Hartford vein lies about 600 feet west of the southern end of the Comstock Lode.

DEVELOPMENT

The Hartford is developed by one long tunnel and three short tunnels (caved). The long tunnel is a crosscut 390 feet long, the last 160 feet being on the Hartford ground. Another crosscut 170 feet long cuts the vein further west. Drifts to the extent of 440 feet, with several short raises and one winze. A small amount of stoping has been done. These stopes are caved and not accessible for inspection.

EQUIPMENT

There is no equipment on the property.

PRODUCTION

It is claimed that the early day production from this property was about \$250,000.

SAMPLING

Samples were cut across the vein in several places where values might be expected, as well as across the hanging wall and footwall sections where exposed.

PRICES AND TERMS

Total purchase price \$36,000. Cash \$6,000. by June 15, 1921; \$15,000. March 15, 1922, and \$15,000. on March 15, 1923. A royalty of 15 per cent on the gross mill returns, to apply on purchase price if the second payment is made.

CONCLUSIONS

The price asked for this property is too high considering the cash payment required as there is no commercial ore in sight. The valuable section of the vein is small and on the average low grade. Considering geological conditions as well as the physical conditions the property is not worthy of further consideration.

Respectfully submitted,

A. F. Carper

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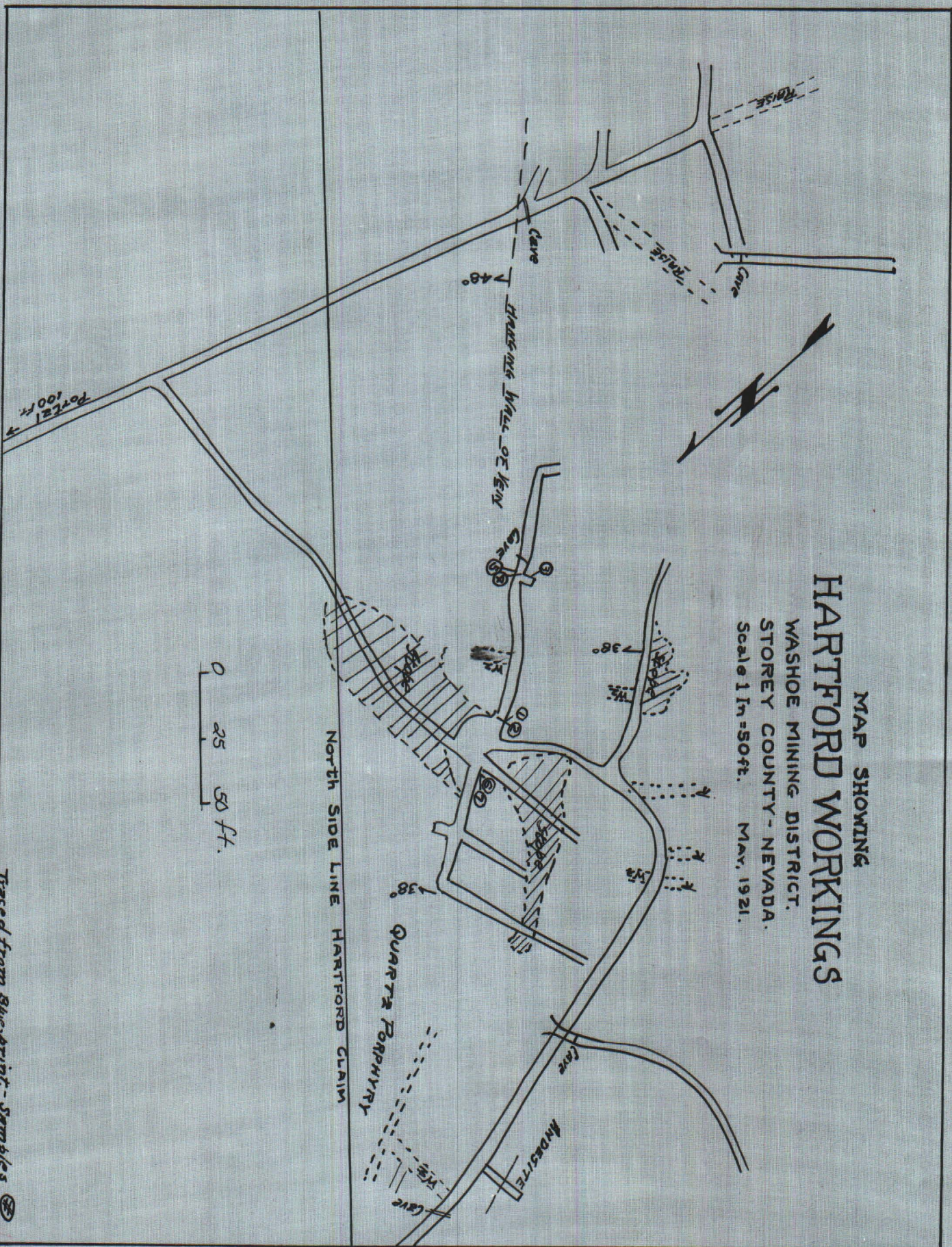
By A. F. Carper.

SAMPLES.

<u>No.</u>	<u>Width</u>	<u>Ozs. Gold</u>	<u>Ozs. Silver</u>	<u>Description</u>
1	5.0	.24	2.56	Cut across back east drift 20 feet east of crosscut. Quartz, Gypsum, calcite, manganese and limonite.
2	3.4	.16	1.36	Cut across hanging wall section of vein extension of Sample No. 1. Sugar quartz, gypsum and calcite.
3	4.0	.02	.48	Cut across footwall section of vein 70 ft. east of crosscut. Fault gouge, talc, quartz and a little manganese.
4	3.0	Tr.	.60	Cut across middle section of vein 70 ft. east of crosscut. Crushed porphyry, with a little quartz and gouge.
5	5.0	Tr.	.54	Cut across main section of vein 70 ft. east of crosscut. Extension of samples 3 and 4, quartz, gouge and gypsum.
6	5.0	.18	2.02	Cut across back of west drift 15 ft. west of crosscut. Quartz and gypsum with gouge and manganese.
7	1.5	Tr.	.52	Cut across footwall section of vein. Extension of sample No. 6, quartz and porphyry with manganese.

MAP SHOWING HARTFORD WORKINGS

WASHOE MINING DISTRICT.
STOREY COUNTY - NEVADA.
Scale 1 in = 50 ft. May, 1921.



Traced from Blue-Print - Samples

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SILVER CTR SECTION
COMSTOCK LODGE.

1162

R21E
M3D3 & M

LYON & STORER COUNTRIES
NED.

9

1" = 1000'
Map of US - Ireland gr.
2nd ed. 1911.

0 500 1000 ft.

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MINE

DATE 7



MAXIM GOLD MINES

RENO, NEVADA

May 25, 1921

Mr. A. F. Carter, Riverside Hotel,
Reno, Nevada.

Dear Sir:

I am enclosing a proposal regarding the
HARTFORD on the Comstock.

We have made this proposal on the most
reasonable terms possible giving you the dates
mentioned, because we are offering you the oppor-
tunity to secure the HARTFORD before said dates
when others will examine the property with the
intention of buying.

Hoping the proposal will meet with your
approval and the samples you have taken will prove
beneficial and the company you represent will be
able to see large returns in the investment of
purchasing the HARTFORD, I am

Very Sincerely yours,

MAXIM GOLD MINES COMPANY
(An Express Trust)

By

Victor Maxim
General Managing Trustee,



MAXIM GOLD MINES

RENO, NEVADA

May 25, 1921.

PROPOSAL OF THE MAXIM GOLD MINES COMPANY (An Express Trust)

TO

THE TONOPAH MINING COMPANY

THE MAXIM GOLD MINES COMPANY hereby gives to the TONOPAH MINING COMPANY until Noon (12. M) on the First day of June, 1921, to assay samples taken for the purpose of a thorough examination of the HARTFORD. Notice of such examination on or before Noon June 1st, 1921, time allowed from date up to noon the 14th day of June, 1921, to conclude such examination and decide on the following payments: First Payment of Six Thousand (\$6,000.00) Dollars to be made on or before Noon the Fifteenth (15) day of June 1921; Second payment of Fifteen Thousand (\$15,000.00) Dollars on or before Noon March 15, 1922, at which time deed to the property will be put in escrow in Reno; Third payment of Fifteen Thousand (\$15,000.00) Dollars to be made on or before Noon the 15th day of March, 1923, making a total purchase price of Thirty Six Thousand (\$36,000.00) Dollars, a royalty of Fifteen Per Cent on the gross mill returns on all ores milled but not to apply on the purchase price; and if second payment of Fifteen Thousand (\$15,000.00) Dollars is not made on or before Noon March 15th 1922 all ores mined up to said date will have to be milled Fifteen Per Cent of the gross mill returns to go to MAXIM GOLD MINES COMPANY and Eighty Five Per Cent to TONOPAH MINING COMPANY which shall have to pay all charges incidental to operating the HARTFORD between above mentioned periods, property not to be liable for any debts contracted either material, labor or otherwise, notice posted to that effect.



MAXIM GOLD MINES

RENO, NEVADA

WITNESS our hands and seals this 25th day of May, 1921, at
Reno, Nevada.

MAXIM GOLD MINES COMPANY
(An Express Trust)



By Victor Maxim
President & General Managing Trustee.

By L. H. Claidge
Secretary and Trustee.

