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Item 3

REPORT ON THE  
MAZUMA HILLS MINING COMPANY

Seven Troughs District  
Pershing County, Nevada.

Examined March 17 and 18, 1921.

By W. H. Blackburn.

REPORT ON  
MAZUMA HILLS MINING COMPANY

Seven Troughs District  
Pershing County, Nevada.

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NAME

The property has been known in the past as the Mazuma Hills. The locations were quartz claims.

LOCATION

Seven Troughs District, Pershing County, Nevada.

Nearest Postoffice and Railroad point is Lovelock, reached over a thirty mile automobile and freight road. A better and possibly shorter road could be made to Rye Patch on the Southern Pacific.

CLAIMS AND AREA

Five claims. Lookout No. 1, Lookout No. 2, Lookout No. 4, Rough Lock Fraction and a claim north of the town of Mazuma on which a ten stamp mill was formerly located. The main group of claims sideline and so only cover the mineral zone for 1500 feet.

No water rights go with the property. The claim at Mazuma,  $1\frac{1}{2}$  miles down the canyon, may be called a millsite but as the mill burned down years ago this claim will probably be allowed to lapse.

### OWNERSHIP & TITLE

Mazuma Hills Mining Company formerly owned the property but it is now owned by John Harnan, of Reno, Nevada, under foreclosure with time of redemption expired. Harnan failed to pay his lawyer and the property is again under attachment by Attorney Glenn of Reno. No other litigation known. While surveyed for patent no patent has been obtained.

### ADJOINING PROPERTIES

Seven Troughs Coalition lies to the south but is now idle. The Heliose lies to the north and also is idle. The former had quite a production from high grade lenses and operated a ten stamp mill.

### FACILITIES

Transportation. Thirty mile freight haul over fair road without steep summits. Road open the year round.

Power. None to be developed from water. No fuel for steam power. Nearest established power is Reno, one hundred miles distant.

Water. None, except enough for domestic and small milling.

Timber. None, except small amount for domestic use.

Climate. Good both from operating and living conditions. Snowfall and rainfall both light.

## TOPOGRAPHY

Medium topography. No further tunnel sights are available and all further development work would need to be done from shafts. Canyons are of flat grade and the hills rolling.

## GEOLOGY

Predominating rock is rhyolite. Rhyolite later intruded by basalt dykes causing fracturing. Probably faulting later than either basalt or veins.

## ORE OCCURRENCE

Mineralization is along fractures in the rhyolite entirely or in contact with the basalt dykes. Quartz gangue the values occur in the rhyolite with very little quartz in sight. Ore occurs in lenses. Considerable crushed material or talc accompanies the ore. Strike of vein nearly north-south with dip of about 60 degrees to the west. Two veins were developed.

## DEVELOPMENT

The Mazuma Hills vein was developed by two tunnels and by two levels from a winze. The Reagan vein was developed to a shallow depth by the Reagan incline. The main incline would develop both at considerable more depth, 100 feet in the Mazuma Hills case. A small amount of water was encountered. The main incline has water at the 240 foot point.

Stopes were made as narrow as possible. Their distribution is shown on the section of the Mazuma Hills vein by Hawkins.

The relative positions of the Reagan and Mazuma Hills vein is shown on the plan by Huntington. These maps were found in the district and are included as information tho their accuracy is not vouched for.

#### EQUIPMENT

Consists of small gasoline hoist at the main incline. A few mine cars, two shaft skips. Building over main incline is out of repair. The property did have a ten stamp mill but it was destroyed by fire.

#### PRODUCTION

Best production is supposed to be about \$250,000. gross, tho due to leaching and high grading it may have been much more.

#### SAMPLING

Seven samples were taken on the second or lower tunnel level from the vein material left between stones. These samples were taken to get an idea of the value of the ore that might be expected with further development.

#1	5.0 ft.	Au. - tr.	Ag. - tr.
2	4.0 "	" 0.04 oz.	" 0.12 oz.
3	4.5 "	" 0.12 "	" 0.16 "
4	2.2 "	" 0.06 "	" 1.62 "
5	6.5 "	" 0.84 "	" 0.52 "
6	4.0 "	" tr.	" tr.
7	12.5 "	" 0.02 "	" 0.06 "

No ore reserve can be estimated.

PRICES AND TERMS

Cash payment of \$5000.00 after examination. Remaining  
\$25000.00 on terms.

CONCLUSIONS

The property is not desirable enough to warrant our  
developing further.

Respectfully submitted,

*W W Blanchard*