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item 1

TONOPAH MINING CO. OF NEVADA	
MINING AND EXPLORATION DEPARTMENTS	
REC'D JUN 22 1915	
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ANS'D	

R E P O R T

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S E R G E A N T P R O P E R T Y

J E T T C A N O N , N Y E C O U N T Y , N E V A D A .

Examination: June 10, 1915.

Report : " 14, 1915.

By : H. W. Stotesbury.

R E P O R T

O N

S E R G E A N T P R O P E R T Y

J E T T C A N O N, N Y E C O U N T Y, N E V A D A.

The property consists of three claims, "Monrovia No. 1", "Monrovia No. 2", "Monrovia No. 3", located along the strike of the vein, and is situated at Jett Canon in the Toyabe range of mountains, 60 miles by road north of Tonopah.

The vein outcrops for a distance of 1500 ft. or more, and varies from 30 to 50 ft. in width along the outcrop. Both walls are apparently fault planes, as the slicken-sides are plainly discernible. The identity of the wall rock is not certain, but the foot-wall has the appearance of an altered andesite, while the hanging wall seems to be gneiss. There is considerable schist in the vicinity.

The vein strikes about N.20° E. and dips very steeply (about 80°), to the east. The topography is very rugged and the hanging-wall of the vein in places forms cliffs 100 ft. or more in height. A tunnel driven toward the vein from the foot of the ridge would gain in depth very rapidly..

There is abundant water in Jett Canon, but the water rights have been recently sold to the Round Mountain Mining Company and no water would be available for other purposes.

The vein is practically solid quartz, in which are bunches and streaks of lead and zincsulphides carrying gold and silver, the greater part of the vein being barren. No work other than three shallow cuts has been done on the vein, so that the extent of the mineralization is not very well shown. In taking samples across the outcrop, one streak four or five feet in width seemed to be a little more mineralized than the quartz on either side, but it did not extend for any great distance along the strike of the vein.

DESCRIPTION OF SAMPLES AND VALUES.

- Sample No. 1: Cut sample 16 feet in length across outcrop near highest point of exposure.
- Sample No. 2: Picked sample from dump at same point as No. 1. A shallow cut had been made here and some of the best appearing rock thrown to one side. The sample was picked from this pile.
- Sample No. 3: Cut sample 10 ft. in length across footwall side of vein about 30 ft. north of No. 1.
- Sample No. 4: Cut sample 20 ft. in length across hanging-wall side of vein in same place as No. 3.
- Sample No. 5: Grab sample from dump of shallow cut about 100 ft. below Nos. 3 and 4 along the dip of the vein.
- Sample No. 6: Grab sample from bucketful of ore saved from shallow cut about 50 ft. below No. 5 along dip of vein. A bunch of this ore, about three feet in diameter, surrounded by barren quartz, was exposed in the face of the cut.

<u>Number</u>	<u>Oz. Gold</u>	<u>Oz. Silver</u>	<u>Value Au. & Ag.</u>	<u>% Zinc</u>	<u>% Lead</u>
1	Tr.	1.96	\$.98	Tr.	Tr.
2	Tr.	10.20	5.10	1.15	0.89
3	Tr.	23.20	11.60	1.27	1.21
4	Tr.	8.16	4.08	0.88	0.28
5	Tr.	8.24	4.12	7.48	5.12
6	.06	32.74	17.57	4.51	4.28

SUMMARY.

The vein appears to be too low grade to be of any commercial value, and in the absence of enough work to prove to the contrary, Mr. Sergeant, the owner, has been told that this company would probably not be further interested.