

3970 0003

(291)

Item 3

TONOPAH MINING CO. OF NEVADA	
MINING AND EXPLORATION DEPARTMENTS	
REC'D OCT 13 1913	
SEEN	
ANS'D	

R e p o r t

o n

THE TRIANGLE GROUP

Rochester - Humboldt County,

N e v a d a

Examination: 9/3/13.  
Report: 10/9/13.  
By W.H. Sirdevan.

*See also map files*

# R e p o r t

## o n

### T H E T R I A N G L E G R O U P

The accompanying blue-print shows the location of the Triangle Group of claims with reference to the other main groups in the district.

These claims were secured under option recently by Tasker L. Oddie, Walter J. Harris, and James J. Moss. The property was then presented to the Tonopah Mining Company on the same terms by which the claims were obtained - a total price of about \$15,000. By dealing in the stock that would be issued these men hoped to be repaid for the trouble in securing the options.

The Triangle Group is located so that it covers the probable southward extension of the main Rochester Mines Company vein after this vein leaves the Weaver claim. The Rochester Mines Company or Nenzel vein is the strongest and most important in the district. It outcrops prominently on the Rochester Mines Company property for about 1000 feet along the strike, and has been drifted for nearly this distance at a depth of about 100 feet below the outcrop. The most southerly face of this drift (that driven from the Wingfield tunnel - see map accompanying Rochester Mines Company report June 23/1913.) shows the vein to be much smaller than elsewhere <sup>and</sup> with the walls less distinct. This main vein probably terminates here for it is impossible to trace the outcrop with any degree of certainty beyond this point. Judging from the prominence of the outcrop where the vein is known - there should be little difficulty in finding its outcrop on the Weaver and Triangle claims if it extended into these properties. There are, however, two outcrops on these claims that suggest a probable continuation of this Nenzel vein.

At the Betts lease on the Weaver Claim (see accompanying print) there is a quartz vein about 20" in width, striking N 10° E, and dipping about 44° west. The ore is identical with that from the Nenzel vein, and corresponds in the ratio of gold and silver. The total assay

(2)

for the sample taken here (NO.12) was \$47.38 for a width of 20".

At the Triangle Fraction in the Triangle Group there is an irregular cropping of a hard, blue quartz - somewhat iron-stained. The general strike is N 20°E with a dip of about 45° west. The quartz is barren but is not unlike that found in the main vein. A sample across a width of about two feet assayed \$.60 in silver per ton.

Rhyolite is the only rock observed on the Triangle Group. There are a few irregular masses of quartz in the rhyolite, but the surface indications for ore are very poor.

The value of the Triangle Group is based on its location covering the probable extension of the Nenzel vein. Surface indications and present workings, however, suggest very strongly that this vein does not persist into the Triangle Group.

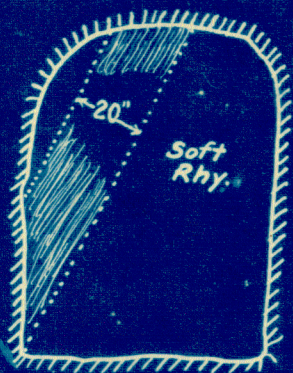
#### Conclusions

About \$3000 cash was due within a week from the date of this examination, and the balance of about \$12,000 within six months.

Mr. Spurr was on the property the day after this examination was made and decided not to take over the Triangle Group.

The Crown Point Extension claims (see blueprint) belong to Heller and associates of the Tenopah-Belmont Company.

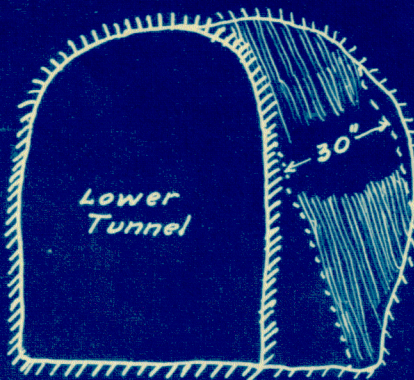




No. 8.

Colligan Lease  
Face of lower Tunnel  
9/4/13. Soft-red-oxid.  
ore with little quartz.

Assay: Gold: \$63.20  
Silver: \$24.48  
Total: \$87.68  
Width: 20"



No. 9

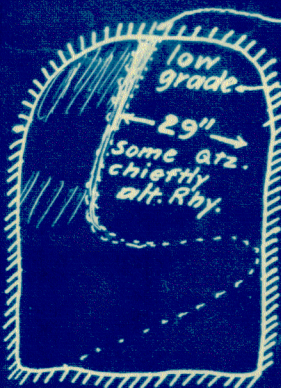
Colligan Lease

Taken at point  
where lower tunnel  
cuts vein.

Sketch-looking  
south.

Ore - oxid. qtz.  
but vein stronger  
than on upper Tunnel.  
Assay: Gold: \$15.20

Silver: \$4.28  
Total: \$19.48  
Width: 30"



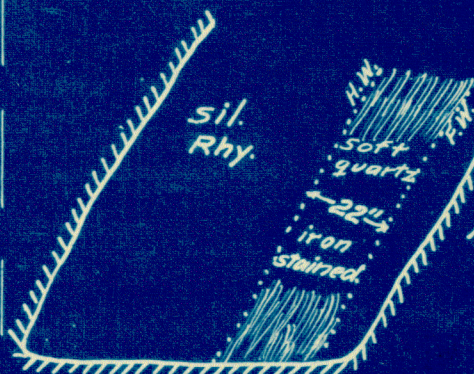
No. 13

Streak Red Oxides - \$275

Claim \$10-\$12 ton.

Face of lower tunnel  
Colligan Lease - 9/6/13

Assay: Gold: trace  
Silver: \$2.04  
Total: \$2.04  
Width: 29"

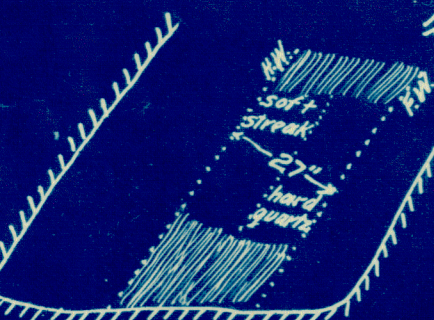


No. 10.

No. I Lease

Bottom of shaft  
9/6/13. North  
face.

Assay: Gold: \$145.20  
Silver: \$1.98  
Total: \$147.18  
Width: 22"

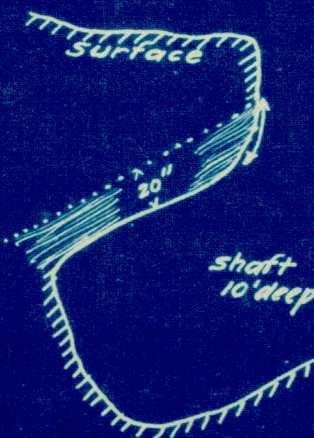


No. 11.

No. I Lease

Bottom of shaft  
9/6/13. South  
face.

Assay:  
Gold: trace  
Silver: \$8.66  
Total: \$8.66  
Width: 27"



No. 12

Betts Lease  
on Weaver  
Claim.

Assay: Gold: \$11.20  
Silver: \$36.18  
Total: \$47.38  
Width: 20"

Sampling Results

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ROCHESTER MINES COMPANY

AND

ROCHESTER WEAVER MINES COMPANY

9/4-6/1913 - W.H.S.