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Item 8

REPORT OF THE  
SAMPLING OF No. 2 SHAFT  
OF  
THE ATLANTA MINE  
ATLANTA, NEVADA

This was before  
5 weeks investigation  
so find better results

Charles E. Thompson



R E P O R T

O F

THE WORK AND CONDITIONS OF THE NO. I SHAFT OF  
THE ATLANTA MINE

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New ladders and landings were installed in the No. 1 shaft of the Atlanta Mine from the collar to the depth of 130 feet. From that point to the 200 foot level the old ladders and landings were in such a state of preservation that could be safely used.

From the collar to ninety feet down the timbering was in poor and dangerous condition. In places the shaft timbering is in the advanced stages of dry rot, if not gone entirely from one area.

The worst and most dangerous area in the shaft occurs in the working side of the shaft, which is in a porphyry formation. This area extends from the seventh to thirteenth sets where the end plates and wall plates are all either gone or hanging askew. The ground on the north and east sides of the shaft, in this zone, is all loose part of which has sluffed off letting the shaft timber go to the bottom of the shaft.

The man-way side of the shaft is in somewhat better condition with no end plates missing and only one wall plate in bad condition. It is from one of the landing stages in the man-way that the true condition of the working side may be observed.

In the bad section of the man-way the ladders were placed on the opposite wall plate and the dangerous area temporary braced and lagged off to divert any small loose ground down the working side of the shaft.

The timber from the 100 foot level to the 200 foot level is in excellent condition, and almost as good as they day that it was placed.

The station set on the 200 level is in bad shape having been broken or jarred out of place by falling rock or timber from above.

The drifts and cross cuts on the 100 foot level are in good condition, but the workings are not as extensive as those of the 200 foot level. The Winze in the 100 level is about twenty feet in depth with a small cross cut toward the shaft.

The workings on the 200 foot level are in excellent condition, and is an excellent example of the work of the "hard rock" miners. Two practically new mine cars were found there as well and three mine buckets. The drifts and cross cuts are in excellent condition with no signs of having sluffed at all. A standard 18 inch track runs the full length of the drift.

the  
In the No. 1 cross cut on the 200/porphyry formation that occurs in the first 100 feet of the shaft forms the hanging wall of the drive. In the main drift to the south east that faults that are suspected on the surface are easily distinguished.



The station timbering to the north east of the shaft on the 200 level has all fallen to the bottom of the drift, but the ground is standing in perfect condition. The workings in this section are breccia about open leached ground with some manganese showing.

With the extra ladders that were not used in the main shaft a length and a fraction were used to reach the bottom of the winze on the 100 foot level. Two lengths were also used in the No. 2 shaft to reach the bottom where the 82 foot level was found to be open with two cross cuts and a drift.



### SUMMARY OF WORK

The shallow or No. 2 shaft was put into condition to the fifty-five foot level. A new collar set was built and sixty foot of ladders were put down the shaft and made fast to stulls with landing stages erected at the twenty and fifty-five foot levels.

Seven samples were cut in the twenty foot drift, six in the south fifty-five foot drift and five in the north fifty-five foot drift. All samples were taken starting at the shaft; working consecutively toward the face, and were taken from old sample cuts of a previous operation.



## C O P Y

Certificate of Assay,  
Pioche Assay Office,  
Pioche, Nevada.

Mr. C. A. Thompson,

July 13, 1933

A T L A N T A

	<u>Gold</u>	<u>Silver</u>
No. 21151	0.36	0.7
21152	0.28	0.3
21153	0.25	0.4
21154	0.34	0.3
21155	0.20	0.5
21156	0.18	0.3
21157	0.17	0.6
21158	0.40	0.5
21159	0.56	1.2
211602	0.49	1.1
21161	0.24	0.6
21162	0.20	1.2
21163	0.29	1.1
21164	0.60	1.0
21165	0.53	0.9
21166	0.18	0.5
21167	0.12	0.5
21168	0.13	0.9

Earl T. Godbe, Assayer