give any opinions as to its character. From the discoveries made in the trial pits, it seems to promise well.”

Both pits are completely covered by trees, brush, and grass so that there is very little to be seen.

15. Charles Ritter's mine.

“The mine is abandoned and full of water, while the sides are grass-grown. It has not been worked for some time. The ore was only surface ore in gravel.”

This pit is completely covered by trees, brush, and grass.

17. This is a fairly large mine hole partly filled with water. The sides are covered by trees and brush. Exposed sections of the banks show yellow clay, limestone fragments, a little lump ore, and some quartz.

18. Jonas Biery's mine.

“The mine has not been worked for some time and the sides are much washed. The ore was taken out from between beds of limestone, which dips south about 20°. On the north side white clay (decomposed damourite slate) occurs above the limestone. The ore which remained on the dump was very light, being probably the poorest which had been mined and left behind. The mine does not present a favorable appearance, and probably very little ore remains to be taken out.”

This pit is on the property of the Trojan Powder Co. and is covered by trees and brush. A small section of it has been filled in by ash. There is a large amount of pipe and stalactitic ore in the bottom of the pit. Limestone is in place on the east and northeast sides of the pit. An old shaft at the south end has been filled in. Some quartz and yellow clay are also present.


“The ore from this small excavation is entirely pipe ore, which is extracted from between broken beds of limestone, and which has been formed as stalactites by the water percolating through the limestone. Neither bombshell nor wash ore is found. The ore found is comparatively little in amount. It is taken to the Lehigh Valley Iron Works.”

This pit is now completely covered by thick woods and brush.

20. Ephraim Wenner's mine.

“The mine is not worked and the sides are too much washed to see how much ore remains in the pit. Damourite slate and white clay can be seen in the west end, which dip under limestone in the south side. The limestone has the same dip as that near it along Jordan Creek.”

This is a small pit partly filled with water. Limestone crops out on the southwest end of the pit. Several small dumps on the east edge of the pit are partly covered with grass and trees; and here occur quartz with some limonitic material, limestone fragments, sericitic material, and ore of the lump and fragmental varieties.


“Leased by the Lehigh Valley Iron Co. It is full of water and not worked and nothing can be seen. On the dumps of some shafts sunk close to this mine damourite slate could be seen, which is of a pinkish color; as well as a black slaty rock, which is probably Utica shale. White clay was also present.”

This is a fairly large pit filled with water. The banks are covered with trees and brush. Exposed sections of the bank show some quartz, sericitic material, limestone fragments, and lump and fragmental ore.