at the north corner of the junction of the two roads was being worked. It has been excavated to a depth of 40 feet, and the regular bed of ore is still at the bottom; there being more an appearance of disintegrated or drift ore near the surface. The ore occurs with clay. But little pot or bomb-shell ore was observed. The third mine belonging to the Crane Company lies at the eastern corner of the cross-roads, and was abandoned; nothing could be seen there."

This small pit with a shaft is covered by trees and brush. There is very little ore, some silicified limestone, and a little quartz and sericitic material.

168. Thomas Iron Co.'s mine.
"Not being worked when visited, its character is apparently identical with that of Frank S. Lichtenwallner's mine (121).

A dump and small depression are all that remain of this mine.

169. Allentown Iron Co.'s mine.
"At the western junction of the cross-roads. This mine has been formerly worked to an inconsiderable depth on the surface for ore, and abandoned as being exhausted. The Allentown Iron Company then took hold of it and sunk shafts on to the ore in place. The ore, like that in the Crane (mine) just mentioned, presents a fine appearance, forming a regular bed on the clay. The ore at these cross-roads lies deep. The trial-shafts were sunk 25 feet at this mine before striking ore in place."

Several small dumps give the location of this mine. There is considerable yellow clay, some quartz, and siliceous limestone here. Ore is very scarce.

170. This is a fairly large, rather deep pit. It is completely covered by trees and brush except one side shows some yellow clay, limestone blocks, sericitic material, and rather massive lump ore, also some fragmental ore, flint, and quartz.

171. Wenner's mine.
"Leased by the Crane Iron Co. The pit is 10 to 20 feet deep, but not deep enough to see much as to the condition in which the ore occurs. In the very bottom there is a little white clay. A little of the ore is lump, but the greater part is wash ore."

This pit is very shallow and so overgrown that little is to be seen.

172. Wiand's mine.
"Leased by the Temple Iron Company. It makes a fine show, and has been worked very extensively, now being exhausted unless fresh ore should be struck at a greater depth, which there is no reason to expect. The mine is about 30 to 40 feet deep. In some places limestone is struck at a depth of 25 feet, while in other parts of the mine shafts have been sunk to a depth of 50 feet before meeting it. The ore is partly wash ore near the surface; deeper, it forms seams in the clay; occasionally pot ore occurs. In some places the mine is being worked in 7 to 9 feet of solid ore."

"Sandy limonite with considerable quartz in the fine ore."

This pit is similar in all its characteristics with mine 171.

173. P. Marck's mine.
"Leased by Lehigh Iron Company. It consists only of stripping, the mine not being worked to a greater depth than 5 feet."

"Limonite, hard, compact, and arenaceous with somewhat of a slaty structure."

This pit has been completely filled.