Three-Cornered Lot mine. A mine east of the Friedensville-Colesville road and about 700 feet northeast of the Friedensville church is known as the Three-Cornered Lot mine. The open cut, which is partly filled with water, is irregular in shape and has an average diameter of about 250 feet. Here, as in most of the mines, open-cut mining finally gave place to underground mining, and several veins were followed under the road and beneath the property that lies west of the road north of the church. The veins undoubtedly belong to the same system as those of the Correll and New Hartman mines and have the same general strike and dip. The exposed limestone strata dip 35°S. and strike N.85°E.

Other occurrences of zinc ore in Lehigh County

In 1857 the following note was published in the Mining Magazine (vol. IX, p. 182).

Discovery of Zinc near Allentown

This thriving town, in the Lehigh Valley, was recently the scene of considerable excitement caused by the discovery of zinc beds in the bottom land that skirts the Lehigh River in front of the town.

It appears that some days ago, in digging a well midway between the ironworks and the river bridge, and about half a mile from each of these two points, the laborers employed came to a substance resembling the zinc ore found in the Saucon Valley, whence the Bethlehem Zinc Works are supplied; and on examination it was ascertained that a large deposit of zinc ore had been discovered, whereupon the news spread and the curious hurried to the spot. Of course land thereabout instantly acquired in price the upward tendency of the flood tide.

No further mention of this occurrence has been found, indicating that the material was not zinc ore or that the quantity was small.

Prime (Report DD, p. 5) says:

Nearly a mile north of Shimersville zinc ore is stated to occur on Nathan Kunkel's farm; it was searched for closely, but no evidence of it could be found on the surface in the way of pieces or bowlders of ore.

It is of interest to note that in 1933 the writer found a small piece of honey-colored sphalerite in a lens of grayish-white chalcedony in a dolomitic limestone quarry a short distance southwest of the junction of the Little Lehigh and Jordan creeks. In view of the wide distribution of sphalerite and galena in the limestones of Pennsylvania it is probable that other occurrences will be reported from time to time.

MANGANESE

Manganese minerals are widespread throughout Lehigh County. Dendritic pyrochlore coats, resembling fern impressions, are common on joint and bedding planes in all the different kinds of rocks in the region.