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trict up to the present writing, but what the future will bring forth, I cannot state, but believe the iron contents will cc tinue to be very low.

The zinc found in the breccia outside the main vein is sometimes of a brown color similar to the Joplin "color" but upon analyzing same it was found to contain the same zinc contents as the honey yellow blende.

As one of the veins approaches the porphyry area to the north, a varying amount of chalcopyrite is present in same, and this is the only ore so far discovered in the entire field that has any other valuable metal present in quantity, besides zinc and lead. The copper at spots is as high as four and five per cent. and would lead one to believe that as depth is obtained on the veins of this section and prophyry is encountered, that copper values will be present to a more or less degree. This condition is found solely in the northern portion of the field and only when the veins are accompanied with or near porphyry.

In Bulletin 154 issued by the Bureau of Mines at Washington, D.C., Mr. Clarence A. Wright in co-operation with H. A. Buehler, State Geologist of Missouri, outlines the generally accepted practice of milling the "Joplin" ores as follows:

"Concentration of the ore is commonly effected by crushing to $\frac{1}{2}$ inch and roughing and cleaning the orushed material over two or more large Cooley jigs of the Hartz