

whose existence is hardly to be doubted, has not yet been reached.

The only application at present made of the mineral resources of this spot is to produce a Sulphate of Copper. This salt, the Blue Vitriol of commerce, is obtained from a material known in the country by the name of Black earth. It contains from 5 to 20 per cent. of copper mixed with iron, manganese, and earthly matter in very variable proportions. It has been observed in several spots around Liberty, appearing on the surface of the soil. The quantity of Blue Vitriol annually manufactured from it in Baltimore, has been ascertained to exceed fifty thousand pounds.

Should subsequent researches however, as there is every reason to expect, open for use the larger and more convenient deposits of copper-ore than those already worked, another object of application is already at hand from which almost incalculable wealth might be reasonably supposed to accrue to the state and to its citizens. This is in the manufacture of sheet-copper. Made almost exclusively now of materials from South America, the Baltimore sheet copper has acquired reputation in foreign countries. The undersigned need not suggest how much more might be realized through various branches of the community from a more economical material within our limits.

As to the other metals that were named as occurring in this region of Frederick county, the Iron ore observed in the vicinity of New London, has been found to be of that variety called Specular oxide of iron, generally considered as a valuable and profitable ore, and yielding iron of excellent quality. The oc-