

**Analysis of Chrome Iron-ore from Montgomery Co.
by Mr. David Stewart.**

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|--------------------|---------|-----------------|-------|---------------|------|
| Oxide of chromium, | 7. | Chromic acid, | 45.5 | Chromic acid | 45.5 |
| Peroxide of iron, | 9. | Peroxide of ir. | 45. | Protoxide ir. | 40.5 |
| Alumina, | 1.5 | Alumina, | 7.5 | - | 7.5 |
| Silica, | 0.5 | Silica, | 2.5 | - | 2.5 |
| Magnesia, | a trace | - | 0.0 | - | 0.0 |
| Undecomp'd ore, | 10. | - | " | - | " |
| | 28. | | 100.5 | | 96. |

I subjoin the analysis by Mr. Seybert of the Chester Co. Pa. ore, which is considered the best, and that of the vicinity of Baltimore, by Beudant.

| Analysis of Chrome Iron ore from Chester, by Seybert. | Analysis of Chrome Iron-ore from Baltimore, by Beudant. | | |
|--|--|--------------------|--------|
| Oxide of chromium, | 51.562 | Oxide of chromium, | 39.514 |
| Peroxide of iron, | 35.140 | Peroxide of iron, | 36.004 |
| Alumina, | 9.723 | Alumina, | 13.002 |
| Ox. of magnesia, | trace. | - | " |
| Silica, | 2.000 | Silica, | 10.596 |
| | 98.425 | | 99.116 |

From the best information that has been obtained, the Chester Co. ore readily commands *forty dollars* per ton in Baltimore, so that by comparing that of Montgomery Co. with it, the latter is certainly worth from *twenty-five to thirty dollars*.

The Chrome-Iron-ore has been raised out of several other spots, and indications of it present themselves in many others, but in most places they are liable to contracts, which remaining in abeyance, will retard for a long time the full development of this great mineral wealth to the county, and thus operate prejudicially to the public interest. I know of no rule, however, by which to impeach the validity of these contracts, and as they are in the possession of those who are fully aware of the value of the ore, it will probably be to their interest to fulfill them in due course of time. In some places where the contracts have been cancelled, and where shafts had been sunk the intention was, upon a cessation of operations, to fill up the shafts, but it is not deemed advisable to do so, as there is no good reason to suppose that the ore has as yet been exhausted in any locality.

The other mineral resources of Montgomery Co. are of less importance.

In the upper portions of the secondary ridge of hills, known as the Pines, where the chrome-iron-ore also occurs, there are indications of ~~ores of iron ore~~ On the farms of Mr. ~~Magruder~~, Mr. ~~Robinson~~, and Mr. ~~Robinson~~, numerous masses of the ~~ore~~