

**REPORT OF PROGRESS ON THE
BROWN HEMATITE ORE RANGES OF
LEHIGH COUNTY WITH A DESCRIPTION
OF THE MINES, LYING BETWEEN
EMAUS, ALBURTIS AND FOGELSVILLE**

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Report of Progress on the Brown Hematite Ore Ranges of Lehigh County with a Description of the Mines, Lying between Emaus, Alburdis and Fogelsville by Jr. Prime

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JR. PRIME

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BROWN HEMATITE ORE RANGES OF
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Pennsylvania. Geological survey (2d. 1874-1890)

SECOND GEOLOGICAL SURVEY OF PENNSYLVANIA:

1874.

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DESCRIPTION OF THE MINES

LYING BETWEEN

EMAUS, ALBURTIS AND FOGELSVILLE.

By FREDERICK PRIME, Jr.,
ASSISTANT GEOLOGIST.

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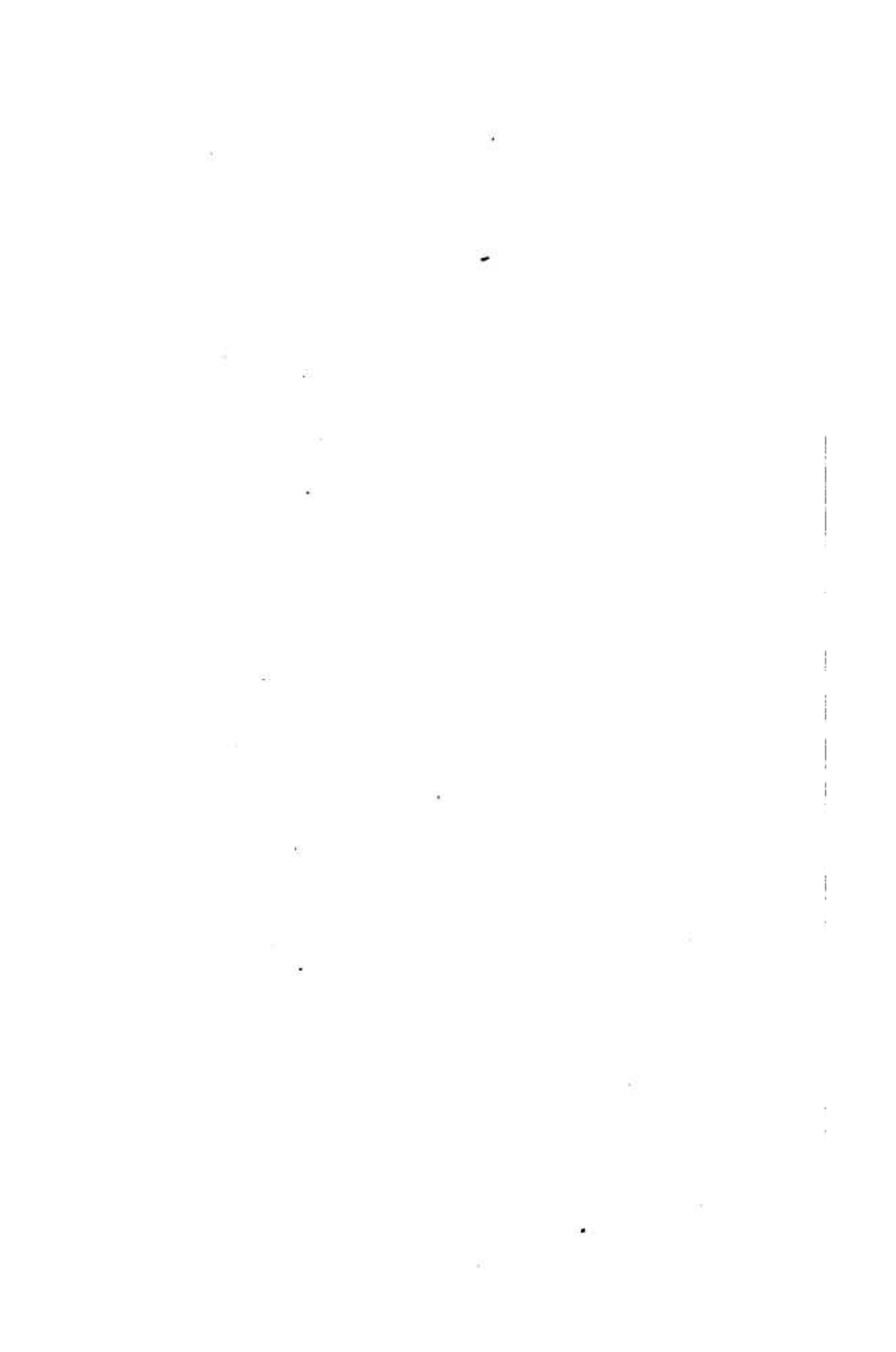
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LAFAYETTE COLLEGE, EASTON, PA., }
December 31, 1874. }

Prof. J. P. LESLEY,

State Geologist:

SIR:—Herewith I present to you the report of the work done in the Lehigh District during 1874.

Owing to the lateness of the season when fieldwork was commenced, the small size of the party, and the absence of suitable instruments until almost the close of the work, it was impossible to cover as much ground as had been anticipated. Almost the whole of the time has been spent in an examination of the Brown Hematite ores of Lehigh county; merely those portions of the primary rocks and the slates having been examined which immediately adjoined the limestone. The whole of the topographical work has been done by my aid, Mr. Ellis Clark, Jr., and the accompanying map shows the care and skill with which he has accomplished his task.

Mr. Joseph R. Shimer, my Assistant in the College, rendered me much valuable assistance during the summer, being constantly employed in the field; and since then has been engaged in analytical work.

Mr. Richard J. Fogel acted as rodman towards the close of the season, and was of great use to me in my visits to the different mines.

I desire to acknowledge the obligations I am under to Robert H. Sayre, Esq., General Superintendent and Engineer of the Lehigh Valley railroad; William Lorenz, Esq., Chief Engineer of the Philadelphia and Reading railroad; Mr. Robert H. Fogel, of Fogelsville; Mr. J. W. Mickley, of Hokendauqua; the Faculty of Lafayette College, and many others, for assistance rendered on various occasions.

Yours respectfully,

FREDERICK PRIME, JR.

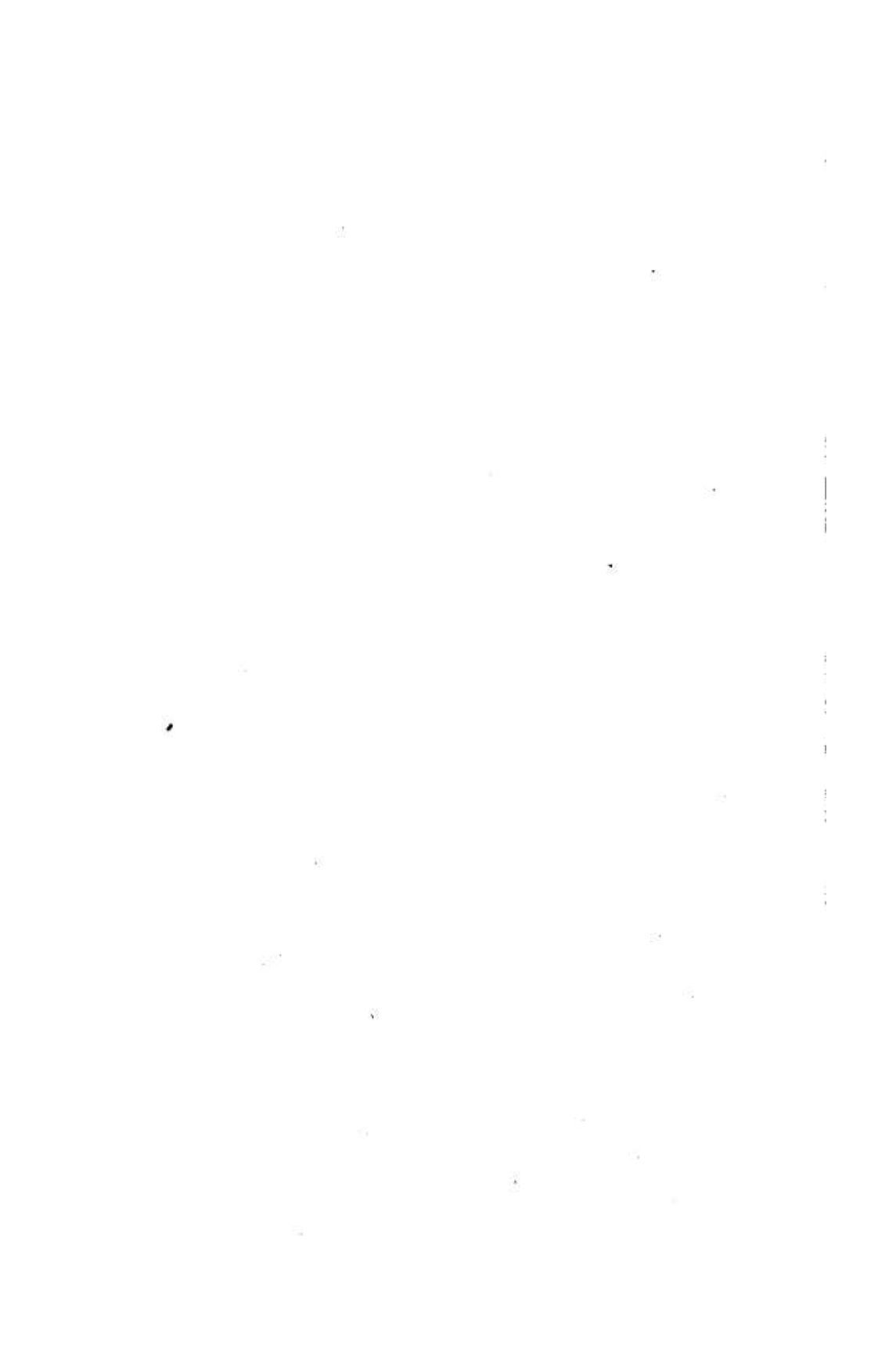


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