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EMBRACING THE PROCEEDINGS FOR THE YEAR 1892.

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WHOLE NUMBER 21.

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THE  
**Ohio Mining Journal.**

OFFICIAL ORGAN OF THE OHIO INSTITUTE OF  
MINING ENGINEERS.

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Proceedings of the Winter Meeting,

HELD AT COLUMBUS, JANUARY 21 AND 22, 1892.

AND THE

**SUMMER MEETING,**

Held at Conneleville, Pa., August 2, 3, 4 and 5, 1892.

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1894.

# OFFICIAL DIRECTORY

Of the Ohio Institute of Mining Engineers for  
1892.

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COMMITTEE TO REVISE THE CONSTITUTION,  
HON. ANDREW ROY.      PROF. N. W. LORD.      E. D. WILEMAN.

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The headquarters of the Institute are at Columbus, Ohio.

Two Meetings are held annually.

The Winter Meeting is held in Columbus during the month of January.

The Summer Meeting is held in June.

The dates of both are determined by the Executive Committee.

# WINTER MEETING, 1892.

## PROGRAMME.

ARRANGED ACCORDING TO STANDARD TIME.

**Thursday, January 21--7 P. M.**

- ANNUAL ADDRESS OF THE PRESIDENT,  
HON. ANTHONY HOWELLS, Massillon, Ohio.
- REPORT OF THE SECRETARY AND TREASURER,  
HON. R. M. HASELTINE, Columbus, Ohio.
- PAPER—Comparison of the Composition of Certain Coals with their  
Evaporating Powers in Locomotive Boilers,  
PROF. N. W. LORD, O. S. U., Columbus, Ohio.
- PAPER—The Necessity of Making Breakthroughs Even and Uni-  
form in the Mines,  
JAS. W. HAUGHEE, Ex-Dist. Mine Insp., Nelsonville, Ohio.

**Friday, January 22--9 A. M.**

- PAPER—Mining Limestone by Underground instead of Open Quarry Work,  
E. B. WILLARD, Mine Supt., Hanging Rock, Ohio.
- PAPER—The Harrison County Oil Fields,  
WILLIAM B. HANLON, Chief Eng., C. L. & W. Ry.,  
New Philadelphia, Ohio.
- PAPER—The Use of the Prismatic Compass in Mine Surveying,  
E. D. WILEMAN, C. & M. E., Massillon, Ohio.

MISCELLANEOUS BUSINESS.

ELECTION OF OFFICERS.

**Friday--1 P. M.**

The afternoon will be devoted to visiting points of interest. First a visit will be made to the Jeffrey Manufacturing Co., where both Electric and Air Mining Machines and Air Drills will be on exhibition. They will then take the street cars to the Ohio State University under the escort of Profs. Lord and Sperr. If it is not too late, on the return a visit will be paid to the Leichner Electric Machine Works.

**7 P. M.**

- PAPER—The Coal Seams of Jackson County,  
HON. ANDREW ROY, Mining Geologist, Glen Roy, Ohio.
- PAPER—Split Air Courses vs. Continuous Currents,  
PROF. F. W. SPERR, O. S. U., Columbus, Ohio.
- PAPER—The Original Members of the Institute,  
CAPTAIN J. L. MORRIS, Canal Dover, Ohio.
- PAPER—The Wasteful Methods being Practiced in Mining Coal in Ohio,  
R. M. HASELTINE, Chief Inspector of Mines, Columbus, Ohio.

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