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PUBLICATIONS AND RESEARCH  
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## RESEARCH:

### A Function of the University

The findings described in this bulletin are part of a large research program carried on in many fields as one of the primary functions of The Pennsylvania State University.

The foundations of the University are the Morrill Land-Grant Act of Congress signed by President Lincoln in 1862 and the 1863 act of the Pennsylvania Legislature naming this institution as the one to carry out the terms of the federal act.

The University's research program brings the methods and procedures of modern science to the attention of the agricultural and industrial interests of the State and the Nation. Active projects are being carried on in all the Colleges and nearly all departments of the institution.

Results of this research are reported in numerous contributions to scientific and professional journals and in bulletins published by the Agricultural Experiment Station, the College of Engineering and Architecture, and the Mineral Industries Experiment Station, at University Park, Pennsylvania.

THE PENNSYLVANIA STATE UNIVERSITY

Publications of

## COLLEGE OF MINERAL INDUSTRIES

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# COLLEGE OF MINERAL INDUSTRIES

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