

CROSS SECTIONS SHOWING THE STRUCTURE OF THE COAL BEDS IN THE SOUTHEASTERN PART OF THE MOUNT CARMEL QUADRANGLE

SCALE 1:6,000
Datum is mean sea level.

INTRODUCTION

This report is the result of a reconnaissance survey of the southeastern part of the Mount Carmel quadrangle, Pennsylvania, made by the U. S. Geological Survey in 1910. The purpose of the survey was to determine the extent and distribution of the coal beds in the area, and to determine the structure of the coal beds. The results of the survey are given in this report.

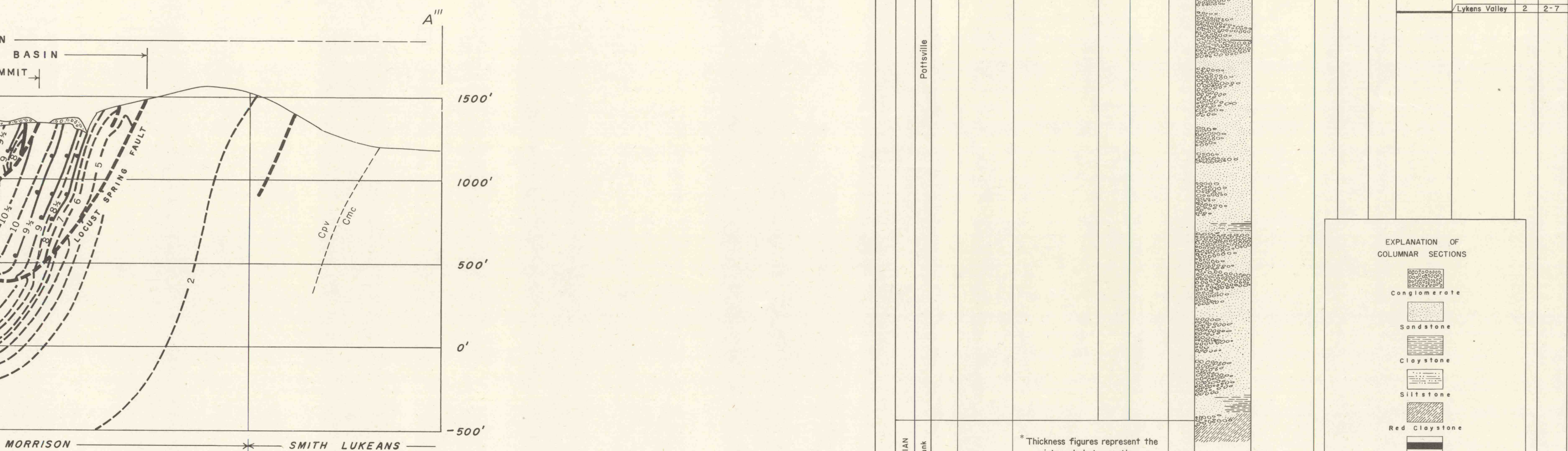
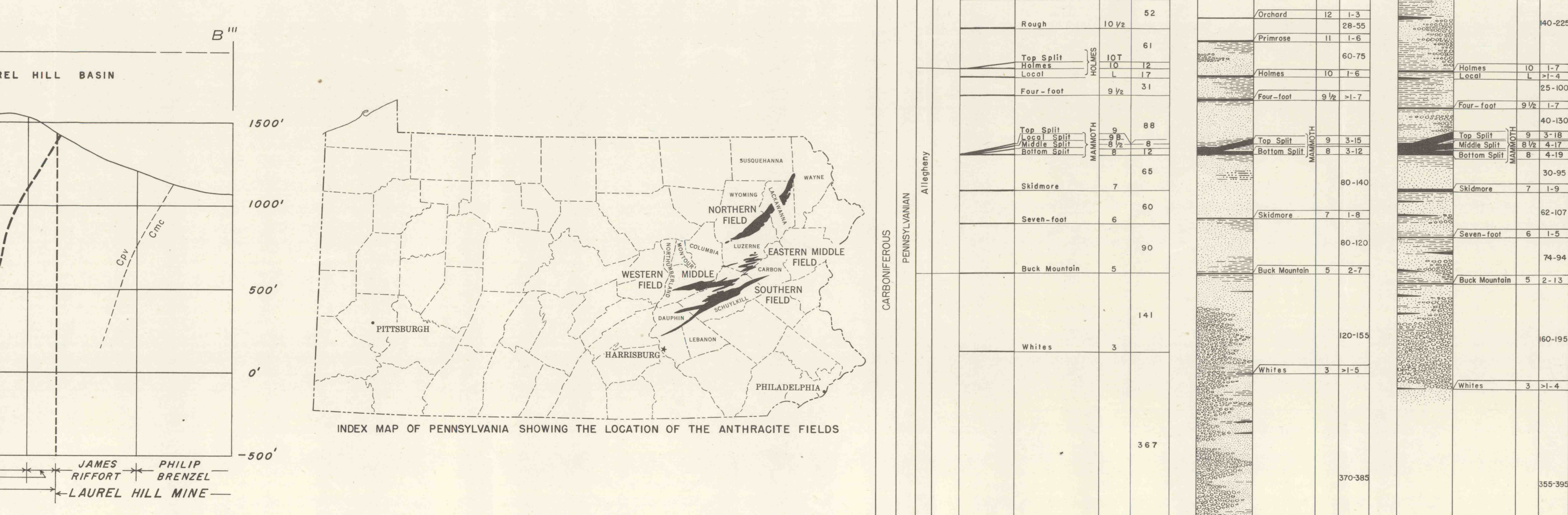
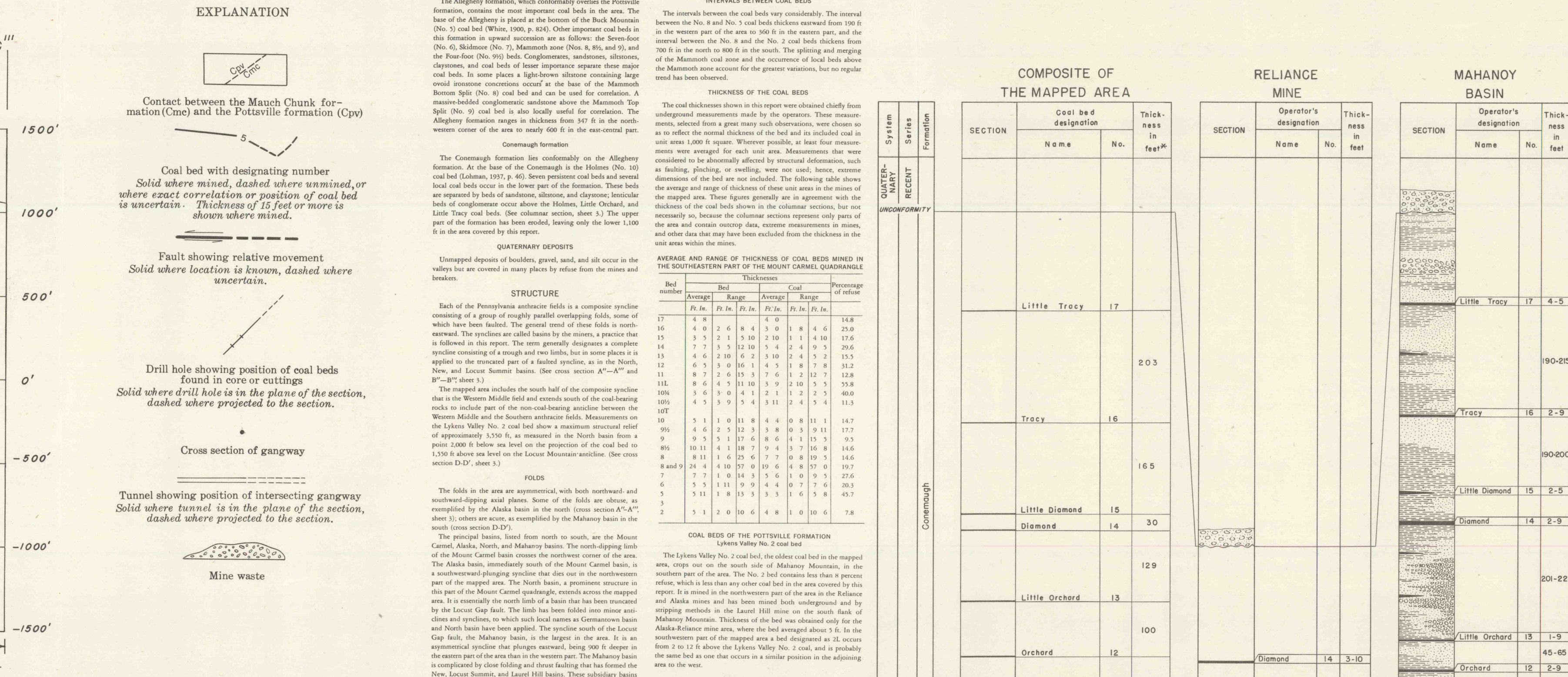
GENERAL DESCRIPTION OF THE AREA

The area covered by this report is located in the southeastern part of the Mount Carmel quadrangle, Pennsylvania. It is bounded on the north by the North Basin, on the east by the Mahanoy Basin, on the south by the Locust Mountain Anticline, and on the west by the Pottsville Fault. The area is characterized by a series of basins and anticlines, and is crossed by a number of faults.

COAL BEDS

The coal beds in the area are numbered 1 through 15. They are described as follows:

- 1. The 1st coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 2. The 2nd coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 3. The 3rd coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 4. The 4th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 5. The 5th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 6. The 6th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 7. The 7th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 8. The 8th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 9. The 9th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 10. The 10th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 11. The 11th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 12. The 12th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 13. The 13th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 14. The 14th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.
- 15. The 15th coal bed is a thin bed of coal, about 1 foot thick, and is located in the northern part of the area.



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