



**INTRODUCTION**

The purpose of this report is to provide a general description of the anthracite fields in the West-Central part of the Mount Carmel Quadrangle, Pennsylvania. The report is based on field observations and data collected during the survey.

**DESCRIPTION OF THE COAL BEDS**

The coal beds in this area are generally thin and are separated by thin layers of shale. The thickness of the coal beds varies from a few inches to several feet. The beds are generally well-bedded and contain a high percentage of carbon.

**EXPLANATION OF CROSS SECTION**

The cross sections show the structure of the coal beds and the surrounding rock layers. The sections are labeled with mine names and show the relative positions of the coal beds and faults.

**EXPLANATION OF CORRELATION CHART**

The correlation chart shows the relationship between the coal beds in different cross sections. It is used to determine the lateral extent of the coal beds and to identify any variations in their thickness and composition.

**DIAGRAM OF THE MAPPED AREA SHOWING THE LOCATION OF THE CROSS SECTIONS REPRESENTED ON THE CORRELATION CHART**

This diagram shows the location of the cross sections on the mapped area. It is used to identify the specific areas where the cross sections were taken and to show the relationship between the cross sections and the mapped area.

