



**PENNSYLVANIA SYSTEM**  
**BITUMINOUS COAL MAP**  
 OF THE  
**CLEARFIELD REGION**

COMPILED BY  
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**SCALE: 1 INCH = 1 MILE**  
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**LEGEND**

- |                            |      |                         |     |
|----------------------------|------|-------------------------|-----|
| PENNSYLVANIA SYSTEM LINES  | —○—  | UPPER FREEPORT "E" COAL | uf  |
| STEAM RAILROADS            | —+—  | LOWER "D"               | lf  |
| ELECTRIC RAILROADS         | —x—  | UPPER KITTANNING "C"    | uk  |
| COUNTY LINE                | —+—  | MIDDLE "C"              | mk  |
| TOWNSHIP LINE              | —+—  | LOWER "B"               | lk  |
| ANTICLINES                 | —+—  | CLARION "A"             | cl  |
| SYNCLINES                  | —+—  | BROOKVILLE "A"          | br  |
| MINE SHAFT                 | ○    | MERCER                  | mer |
| MINE SLOPE                 | ○    | GALLITZIN               | gl  |
| MINE DRIFT                 | ○    | BAKERSTOWN              | bn  |
| BORE HOLE                  | ○    | HAGER                   | hg  |
| COAL ELEVATIONS            | 1240 |                         |     |
| SURFACE ELEVATIONS         | 1471 |                         |     |
| USGS TRIANGULATION STATION | △    |                         |     |
| USGS BENCH MARK            | BM X |                         |     |

**GENERALIZED SECTION**  
SCALE: 1 INCH = 60 FEET

FORMATION	THICKNESS IN FEET	SECTION	NAME OF MEMBER	THICKNESS IN FEET
CONEMAUGH	135 TO 308		HAGER	0 TO 3'-0"
			BAKERSTOWN	0 TO 5'-0"
			GALLITZIN	0 TO 5'-0"
ALLEGHENY	250 TO 360		UPPER FREEPORT	23 TO 5'-6"
			LOWER FREEPORT	2'-0" - 6'-0"
			UPPER KITTANNING	2'-0" - 4'-2"
			MIDDLE KITTANNING	2'-6" - 3'-6"
			LOWER KITTANNING	2'-0" - 5'-6"
			CLARION	1'-6" - 1'-8"
POTTSVILLE	122 TO 180		BROOKVILLE	2'-0" - 4'-0"
			MERCER	0 - 9'-0"