



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

COMPILED BY
JOHN K. JOHNSTON, C.E.
ASSISTANTS
CHARLES F. BLAIR, E.M.
AUGUSTUS E. BACHER, C.E.
EDWARD R. MUSSER, JR., TOPOGRAPHER
SCALE: 1 INCH = 1 MILE
TYRONE, PA. JANUARY, 1921

LEGEND
PENNSYLVANIA SYSTEM LINES ——— UPPER FREEPORT 'C' COAL
STATE RAILROADS ———— UPPER FREEPORT 'C' COAL
ELECTRIC RAILROADS ———— LOWER
CROWN LINES ———— UPPER KITTANNING
ANTHracite LINES ———— CLARON
EVING LINES ———— BRADDOCKVILLE
MAIN SHAFT ————
MINE SCOPE ————
SOME TITLE ————
FOOT ELEVATIONS ————
SURFACE ELEVATIONS ————
USGS TRANSFORMATION STATION ————
USGS BENCH MARK ————

DEPTH (FEET)	NAME OF MEMBER	THICKNESS (FEET)
0-10	HAGER	0-10
10-30	BRADDOCKVILLE	20-30
30-60	GALLITZER	30-60
60-100	UPPER FREEPORT	40-100
100-140	LOWER FREEPORT	40-100
140-180	UPPER KITTANNING	40-180
180-220	L	40-220
220-260	MIDDLE KITTANNING	40-260
260-300	LOWER KITTANNING	40-300
300-340	CLARON	40-340
340-380	BRADDOCKVILLE	40-380
380-420	HAGER	40-420

1921
Clearfield
1-1921