

COLUMNAR SECTIONS
SCALE: 1" = 20'

MINING PERMIT APPLICATION DATA

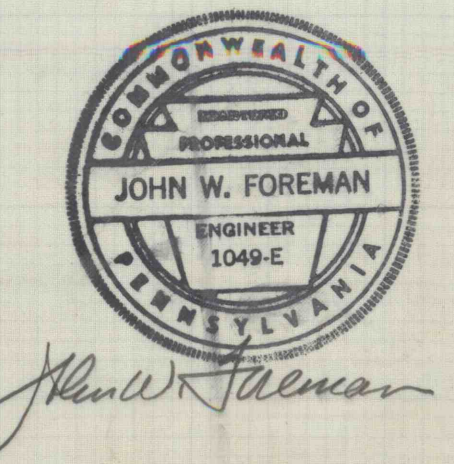
NO.	DATE	ACREAGE
NO. 721-		
ORIGINAL PERMIT	MAR. 3, 1978	10.0
1 ST AMENDMENT		
2 ND AMENDMENT		
3 RD AMENDMENT		

TABULATION OF PROPOSED MINING ACREAGE

MINE DRAINAGE PERMIT AREAS	NORTH AREA	SOUTH AREA	TOTAL
AREA TO BE MINED	10.6	6.2	16.8
AREA TO BE AFFECTED	16.6	7.5	24.1
MINING PERMIT AREAS			
TOP SOIL & EXCESS SPOIL STORAGE AREA UP TO 60' HIGHWALL	3.9	0	3.9
AREA 60' TO 75' HIGHWALL	8.3	7.5	15.8
AREA 75' TO 80' HIGHWALL	4.4	0	4.4
TOTAL	16.6	7.5	24.1

MINE DRAINAGE PERMIT NO. 42775M16
MINING PERMIT NO. 721-

REVISIONS	DATE
2	MAY 3, 1978
1	MARCH 3, 1978



GARFIELD REFRATORIES CO.
BITUMINOUS COAL & FIRECLAY STRIPPING OPERATIONS
SITUATE
DEAN TWP., CAMBRIA CO., PA.

SCALE: 1" = 200'
DATE: 9-13-77

GWIN, DOBSON & FOREMAN, INC.
CONSULTING ENGINEERS
ALTOONA, PENNSYLVANIA