

# **GEOGRAPHICAL TABLE**

DISTRICT 1

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT DEPTH	KIND OF OPENING			DRIFT	GASEOUS OR NONGASEOUS	NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED		
					SLOPE LENGTH	DEGREES	DRIFT			OPEN	FLAME SAFETY	ELEC-TRIC	AMMONIUM NITRATE	DYNAMITE	OTHER PERMISSIBLE (NAME)
BCNR Mining Corp. Russelton Mine	Allegheny	Freeport	78	226'	350'	13'53"	-	Gaseous	-	52	225	-	1,000	-	
Bethlehem Mines Corp. Fawn Mine No. 91	Butler	Up. Freeport	52	-	-	-	Drift	Gaseous	-	15	50	-	-	1,175* 793**	
											Total	-	1,000	1,968	
Creighton Hills Coal Co. Carol Mine	Butler	Up. Freeport	-	-	-	-	Drift	Nongaseous	-	-	-	-	-	-	
Penn Allegh Coal Co., Inc. Allegh No. 2	Allegheny	Up. Freeport	52	-	-	-	Drift	Gaseous	-	50	-	-	-	1,000*	
Allegh No. 3	Allegheny	Up. Freeport	46	-	-	-	Drift	Gaseous	-	12	40	-	-	2,000*	
											Total	-	-	3,000	
											DISTRICT TOTAL	-	-	4,968	

\* Tovex

\*\*Caps

## DISTRICT 2

<u>OPERATORS AND MINES</u>	<u>COUNTY</u>	<u>GEOLOGICAL NAME OF COAL BED</u>	<u>HEIGHT OF SEAM INCHES</u>	<u>KIND OF OPENING</u>			<u>NUMBER AND TYPE</u>			<u>POUNDS OF EXPLOSIVES USED</u>				
				<u>SHAFT</u>	<u>SLOPE</u>		<u>DRIFT</u>	<u>OPEN</u>	<u>FLAME SAFETY</u>	<u>ELEC- TRIC</u>	<u>AMMONIUM NITRATE</u>	<u>DYNAMITE</u>	<u>OTHER PERMISSIBLE (NAME)</u>	
			<u>DEPTH</u>	<u>LENGTH</u>	<u>DEGREES</u>	<u>DRIFT</u>	<u>GASEOUS OR NONGASEOUS</u>							
Carpentertown Coal & Coke Co. Mahoning Creek No. 2	Armstrong	Up. Freeport	36	-	-	-	Drift	Nongaseous	-	36	90	-	-	-
Keystone Coal Mining Corp. Margaret No. 11	Armstrong	Up. Freeport	42	-	38.5'	-	-	Gaseous	-	21	77	-	-	-

DISTRICT 3

<u>OPERATORS AND MINES</u>	<u>COUNTY</u>	<u>GEOLOGICAL NAME OF COAL BED</u>	<u>HEIGHT OF SEAM INCHES</u>	<u>SHAFT</u>	<u>KIND OF OPENING</u>		<u>DRIFT</u>	<u>GASEOUS OR NONGASEOUS</u>	<u>NUMBER AND TYPE</u>			<u>POUNDS OF EXPLOSIVES USED OTHER PERMISSIBLE (NAME)</u>		
					<u>DEPTH</u>	<u>LENGTH</u>			<u>DEGREES</u>	<u>OPEN</u>	<u>FLAME SAFETY</u>	<u>ELEC- TRIC</u>	<u>AMMONIUM NITRATE</u>	<u>DYNAMITE</u>
Duquesne Light Co. Warwick No. 3 Mine	Greene	Sewickley	54	-	-	-	Drift	Gaseous	-	101	339	-	2,250	-
National Mines Corp. Isabella	Fayette	Pittsburgh	84	-	700'	14°	-	Gaseous	-	76	255	-	-	1,300*
Nemacolin Mines Corp. Nemacolin Mine	Greene	Pittsburgh	90	250	875'	19°	-	Gaseous	-	100	530	-	-	1,950*
<b>DISTRICT TOTAL</b>												-	2,250	3,250

\*Austin Red-D-Gel

DISTRICT 4														
OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	KIND OF OPENING			NUMBER AND TYPE					POUNDS OF EXPLOSIVES USED		
				SHAFT	SLOPE		DRIFT	LAMPS USED		OTHER PERMISSIBLE (NAME)				
			DEPTH	LENGTH	DEGREES	DRIFT	GASEOUS OR NONGASEOUS	OPEN	FLAME SAFETY	ELEC- TRIC	AMMONIUM NITRATE	DYNAMITE		
Central Cambria Drilling Co. (Consolidation Coal Co.)														
*Jacksville Mine No. 1	Greene	Pittsburgh	72	610'	-	-	-	Gaseous	-	2	12	-	-	18
*Jacksville Mine No. 2	Greene	Pittsburgh	72	870'	-	-	-	Gaseous	-	2	12	-	-	18
										TOTAL				36
Target Industries, Inc. Target No. 1	Greene	Sewickley	48	-	-	-	Drift	Nongaseous	-	12	34	-	-	-
Triangle Enterprises Bren-Mar Mine	Greene	Sewickley	54	-	-	-	Drift	Nongaseous	-	6	30	-	-	-
U. S. Steel Mining Co., Inc. 'Cumberland Mine "C"	Greene	Pittsburgh	78	750'	2,200'	17°	Drift	Gaseous	-	143	637	-	-	500#
										DISTRICT TOTAL				536

\*Air Shafts

#Perm. Rock Powder

DISTRICT 5

<u>OPERATORS AND MINES</u>	<u>COUNTY</u>	<u>GEOLOGICAL NAME OF COAL BED</u>	<u>HEIGHT OF SEAM INCHES</u>	<u>SHAFT DEPTH</u>	<u>KIND OF OPENING</u>			<u>DRIFT</u>	<u>NUMBER AND TYPE</u>			<u>POUNDS OF EXPLOSIVES USED</u>		
					<u>LENGTH</u>	<u>DEGREES</u>	<u>GASEOUS OR NONGASEOUS</u>		<u>OPEN</u>	<u>FLAME SAFETY</u>	<u>ELEC-TRIC</u>	<u>AMMONIUM NITRATE</u>	<u>DYNAMITE</u>	<u>OTHER PERMISSIBLE (NAME)</u>
BCNR Mining Corp., formerly Republic Steel Corp. Newfield Mine	Allegheny	Thick Freeport	72	292' 561'	1,450	16°	Drift	Gaseous	-	38#	MSA290	-	-	21,600*
Consolidation Coal Co. Renton	Allegheny	Double Thick Freeport	84	511	-	-	Drift	Gaseous	-	65	380	-	-	14,000*
Harmar Coal Co. Harmar Mine	Allegheny	Lo. Freeport	78	-	575' 270'	14°02" 14°02"		Gaseous	-	20	125	-	-	-
<b>DISTRICT TOTAL</b>											-	-	<u>35,600</u>	

#Koehler  
\*Tovex

DISTRICT 6

<u>OPERATORS AND MINES</u>	<u>COUNTY</u>	<u>GEOLOGICAL NAME OF COAL BED</u>	<u>HEIGHT OF SEAM INCHES</u>	<u>SHAFT  DEPTH</u>	<u>KIND OF OPENING SLOPE</u>		<u>DRIFT</u>	<u>GASEOUS OR NONGASEOUS</u>	<u>NUMBER AND TYPE LAMPS USED</u>			<u>POUNDS OF EXPLOSIVES USED OTHER PERMISSIBLE (NAME)</u>		
					<u>LENGTH</u>	<u>DEGREES</u>			<u>OPEN</u>	<u>FLAME SAFETY</u>	<u>ELEC- TRIC</u>	<u>AMMONIUM NITRATE</u>	<u>DYNAMITE</u>	
Canon Coal Co. Pitt Gas	Greene	Pittsburgh	72	30'	300-150'	7-17°	-	Gaseous	-	15	60	-	400	-
Emerald Mines Corp. Emerald Mine No. 1	Greene	Pittsburgh	72	650'	2,100'	16°	-	Gaseous	-	171	540	-	-	200*
Gateway Coal Co. Gateway Mine	Greene	Pittsburgh	72	467'	606'	17°	-	Gaseous	-	178	662	-	6,000	-
<b>DISTRICT TOTAL</b>											-	6,400	200	

\*Red-I-Gel

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	DISTRICT 7			NUMBER AND TYPE					POUNDS OF EXPLOSIVES USED			
				SHAFT DEPTH	KIND OF OPENING		LAMPS USED			AMMONTUM		OTHER PERMISSIBLE (NAME)			
					SLOPE	DRIFT	GASEOUS OR NONGASEOUS	OPEN	FLAME SAFETY	ELEC- TRIC	NITRATE		DYNAMITE		
Bethlehem Mines Corp.															
Ellsworth Mine No. 5	Washington	Pittsburgh	69	278'	1,249'	17°	-	Gaseous	-	99	470	-	-	6,800*	
Ellsworth Mine No. 60	Washington	Pittsburgh	65	305' 590'	1,270'	17°	-	Gaseous	-	115	480	-	-	12,350*	
											TOTAL	-	-	2,250#	
												-	-	21,400	
U. S. Steel Mining Co., Inc.															
			63	410'											
			63	258'											
Maple Creek No. 1	Washington	Pittsburgh	63	268'											
			63	259'	915'	3°	Drift	Gaseous	-	84	398	-	-	850**	
Maple Creek No. 2	Washington	Pittsburgh	63	382'											
			63	251'	-	-	-	Gaseous	-	89	440	-	-	-	
											TOTAL	-	-	850	
											DISTRICT TOTAL	-	-	22,250	

\*Hercogel

#Provex

\*\*R. D. Gel



DISTRICT 8																
OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT DEPTH	KIND OF OPENING			NUMBER AND TYPE					POUNDS OF EXPLOSIVES USED		OTHER PERMISSIBLE (NAME)	
					LENGTH	DEGREES	DRIFT	GASEOUS OR NONGASEOUS	OPEN	FLAME SAFETY	ELEC- TRIC	AMMONIUM NITRATE	DYNAMITE			
BCNR Mining Corp																
Clyde	Washington	Pittsburgh	72	-	656' 635' 126' 113'	-	Drift	Gaseous	-	70	314	-	-	320*		
Crescent Hills Coal Co., Inc. Crescent	Washington	Pittsburgh	96	-	-	-	Drift	Nongaseous	-	-	45	-	-	-		
Jones & Laughlin Steel Corp. Vesta No. 5	Washington	Pittsburgh	65	314-570'	-	-	Drift	Gaseous	-	90	-	-	-	#		
Tremont Mining Co. Vesta No. 4 - No. 2 Hill	Washington	Pittsburgh	84	-	-	-	Drift	Nongaseous	-	2	4	-	-	-		
<b>DISTRICT TOTAL</b>												-	-	<u>320</u>		

\*Dupont Tovex - Water Gel.  
#Hercules

DISTRICT 9														
OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT DEPTH	KIND OF OPENING			DRIFT	NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED		
					LENGTH	DEGREES	GASEOUS OR NONGASEOUS		LAMPS USED			AMMONIUM NITRATE	DYNAMITE	OTHER PERMISSIBLE (NAME)
									DRIFT	FLAME SAFETY	ELEC-TRIC			
Glen Irvan Corp.														
Bark Camp No. 1	Clearfield	Lo. Kittanning	30	-	-	-	-	Nongaseous	-	10	59	-	-	-
Bark Camp No. 2	Clearfield	Lo. Kittanning	28	-	-	-	-	Nongaseous	-	10	29	-	-	-
Lady Jane Collieries, Inc.														
Stott No. 1	Clearfield	Lo. Kittanning	36	-	-	-	Drift	Nongaseous	-	26	-	-	-	29,150
Manor Mining & Contracting Co.														
Manor No. 44	Clearfield	Lo. Kittanning	36	-	-	-	Drift	Nongaseous	-	-	-	-	-	-
DISTRICT TOTAL												-	-	29,150

DISTRICT 10																
<u>OPERATORS AND MINES</u>	<u>COUNTY</u>	<u>GEOLOGICAL NAME OF COAL BED</u>	<u>HEIGHT OF SEAM INCHES</u>	<u>SHAFT DEPTH</u>	<u>KIND OF OPENING</u>			<u>DRIFT</u>	<u>GASEOUS OR NONGASEOUS</u>	<u>NUMBER AND TYPE</u>			<u>POUNDS OF EXPLOSIVES USED</u>			
					<u>LENGTH</u>	<u>DEGREES</u>	<u>DRIFT</u>			<u>OPEN</u>	<u>FLAME SAFETY</u>	<u>ELEC-TRIC</u>	<u>AMMONIUM NITRATE</u>	<u>DYNAMITE</u>	<u>OTHER PERMISSIBLE (NAME)</u>	
Keystone Coal Mining Corp.																
Emilie	Armstrong	Upper Freeport	42	-	198'	16°15'	-	Gaseous	-	60	233	-	-	-	-	1,500#
Emilie No. 4	Armstrong	Upper Freeport	39	108'	975'	9.75°	-	Gaseous	-	41	141	-	-	-	-	100#
Jane	Armstrong	Lower Freeport	54	-	275'	16°15'	-	Gaseous	-	122	468	-	-	-	-	1,250#
<b>DISTRICT TOTAL</b>												-	-	2,850		

#Tovex

OPERATORS AND MINES	DISTRICT 11												POUNDS OF EXPLOSIVES USED		
	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	KIND OF OPENING			NUMBER AND TYPE			OTHER PERMISSIBLE (NAME)					
				SHAFT	SLOPE		DRIFT	LAMPS USED			AMMONIUM NITRATE	DYNAMITE			
DEPTH	LENGTH	DEGREES	DRIFT	GASEOUS OR NONGASEOUS	OPEN	FLAME SAFETY	ELECTRIC								
Canterbury Coal Co. David Mine	Armstrong	Freeport	108	-	-	-	Drift	Gaseous	-	60	140	-	-	2,000*	
DIAnne Mine	Armstrong	Lo. Kittanning	48	125'	1,150'	6°	-	Gaseous	-	30	130	-	-	5,000*	
											Total	-	-	7,000	
Kaskan Coal Co. Kaskan Mine	Armstrong	Upper Freeport	57	-	150'	14°	-	Nongaseous	-	2	4	-	120	-	
Leechburg Mining Co. Foster No. 65	Armstrong	Lo. Kittanning	48	45'	120'	16°	Drift	Gaseous	-	27	87	-	-	-	
Loyal Creek Coal Co. Loyal Creek No. 3	Westmoreland	Upper Freeport	42	-	-	-	Drift	Nongaseous	-	5	7	-	-	-	
Partner Coal Co. Gilmur No. 1	Westmoreland	Upper Freeport	44	-	-	-	Drift	Nongaseous	-	2	8	-	-	3,400**	
T & R Coal T & R No. 1	Armstrong	Upper Freeport	40	-	-	-	Drift	Nongaseous	-	2	12	-	-	-	
Tunnelton Mining Co. Marion Mine No. 33	Indiana	Upper Freeport	52	525'	965'	16°	-	Gaseous	-	70	240	-	-	-	
Weimer, James A., Jr. Weimer No. 2	Armstrong	Upper Freeport	42	-	-	-	Drift	Nongaseous	-	3	-	-	100	-	
										<b>DISTRICT TOTAL</b>		-	320	10,400	

\*Tovex

\*\*Dupont

DISTRICT 12

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT  DEPTH	KIND OF OPENING		DRIFT	GASEOUS OR NONGASEOUS	NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED		
					LENGTH	DEGREES			OPEN	FLAME SAFETY	ELEC- TRIC	AMMONIUM NITRATE	DYNAMITE	OTHER PERMISS- IBLE (NAME)
BCNR Mining Corp., (formerly Republic Steel Corp.) Banning Mine No. 4	Westmoreland	Pittsburgh	90	-	820'	16°	-	Gaseous	-	6	79	-	-	1,000*
Crescent Hills Coal Co., Inc. Ocean No. 5 Mine	Allegheny	Pittsburgh	72	113' 183'	-	-	Drift	Nongaseous	-	10	60	-	50	-
Delmont Resources, Inc. Deimont Mine	Westmoreland	Upper Freeport	54	-	-	-	-	Nongaseous	-	9	37	-	-	-
<b>DISTRICT TOTAL</b>												-	50	1,000

\*Golobel

DISTRICT 13

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	KIND OF OPENING			NUMBER AND TYPE					POUNDS OF EXPLOSIVES USED		
				SHAFT	SLOPE		DRIFT	LAMPS USED			AMMONIUM	DYNAMITE	OTHER PERMIS- SIBLE (NAME)	
			DEPTH	LENGTH	DEGREES	DRIFT	GASEOUS OR NONGASEOUS	OPEN	FLAME SAFETY	ELEC- TRIC	NITRATE			
B & M Coal Co. B & M Mine No. 2	Greene	Sewickley	44	-	-	-	Drift	Nongaseous	-	4	15	-	-	-
Dunkard Mining Co. Dunkard Mine	Greene	Sewickley	54	-	-	-	Drift	Nongaseous	-	5	20	-	-	-
Eberhart, George R. Titus	Greene	Sewickley	48	-	-	-	Drift	Nongaseous	-	-	4	-	-	-
Francis Fuel, Inc. Francis Fuel	Greene	Sewickley	54	-	-	-	Driftr	Nongaseous	-	1	15	-	-	-
Shannopin Mining Co. Shannopin Mine	Greene	Pittsburgh	76	-	-	-	-	Gaseous	-	50	280	-	4,000	-
W. S. Steel Mining Co., Inc.														
Dilworth	Greene	Pittsburgh	83	163'	54 <sup>2</sup>	17 <sup>0</sup>	-	Gaseous	-	100	400	-	-	500*
Mt. Braddock	Fayette	Pittsburgh	83	332'	-	-	-	Gaseous	-	20	100	-	-	-
			108	521'	-	-	-	Gaseous	-		Total	-	-	500
											DISTRICT TOTAL	-	4,000	500

\*R. D. Gel.

## DISTRICT 14

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT  DEPTH	KIND OF OPENING			DRIFT	NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED		
					SLOPE LENGTH	DEGREES	DRIFT		GASEOUS OR NONGASEOUS	OPEN	FLAME SAFETY	ELEC- TRIC	AMMONIUM NITRATE	DYNAMITE
Cannel Coal Co. Cannel Mine No. 1	Armstrong	Up. Freeport	120	-	-	-	Drift	Nongaseous	-	2	4	-	3,050	3,556*
Cooper Valley Coal Co., Inc. Cooper Valley No. 6	Indiana	Up. Freeport	38	-	-	-	Drift	Nongaseous	-	10	57	-	-	2,450**
Davis Coal Co. Davis Mine	Indiana	Up. Freeport	36	-	2,000'	-	Drift	Nongaseous	-	-	-	-	-	-
Doverspike Bros. Coal Co. Dora No. 6	Jefferson	Lo. Kittanning	34	-	200'	9°	-	Nongaseous	-	10	63	-	50	-
Emahuel Coal Co., Inc. Mine No. 1	Indiana	Brookville A	48	-	-	-	-	Nongaseous	-	8	30	-	-	-
Kennedy Coal Co. Mine No. 2	Jefferson	-	25	-	-	-	Drift	Nongaseous	-	2	8	-	-	-
Knisely Coal Co. Knisely Mine	Jefferson	Lo. Freeport	54	-	-	-	Drift	Nongaseous	-	2	12	-	100	-
Manor Mines, Inc. Manor No. 8	Idiana	Up. Freeport	38	-	-	-	Drift	Nongaseous	-	10	50	-	-	250
DISTRICT TOTAL												-	3,200	6,256

\*Blasting Caps

\*\*Tovex

DISTRICT 15

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT DEPTH	KIND OF OPENING SLOPE			DRIFT	NUMBER AND TYPE LAMPS USED			POUNDS OF EXPLOSIVES USED			
					LENGTH	DEGREES	GASEOUS OR NONGASEOUS		OPEN	FLAME SAFETY	ELEC-TRIC	AMMONIUM NITRATE	DYNAMITE	OTHER PERMISSIBLE (NAME)	
Keystone Coal Mining Corp.															
Urling No. 1	Indiana	Lower Freeport	54	332'	1,250'	16°15'	-	Gaseous	-	62	200	-	-	-	-
Urling No. 2	Indiana	Upper Freeport	40	256'	900'	16°15'	-	Gaseous	-	25	152	-	-	-	200*
Urling No. 3	Indiana	Lower Freeport	54	210'	2,800'	8°	-	Gaseous	-	40	151	-	-	-	100*
											Total	-	-	-	300
Mears Coal Co.															
Chestnut Ridge	Indiana	Lo. Kittanning	44	-	-	-	Drift	Nongaseous	-	8	28	-	-	-	-
Dixon Run No. 3	Indiana	Lo. Kittanning	40	-	-	-	Drift	Nongaseous	-	6	25	-	-	-	-
MY	Indiana	Lo. Kittanning	36	-	-	-	Drift	Nongaseous	-	-	3	-	-	-	-
											Total	-	-	-	-
Mears Enterprises, Inc.															
Cherryhill No. 5	Indiana	Lo. Kittanning	42	-	-	-	Drift	Nongaseous	-	3	12	-	-	-	-
Dixon Run No. 6	Indiana	Lo. Kittanning	42	-	-	-	Drift	Nongaseous	-	3	24	-	-	-	-
											DISTRICT TOTAL	-	-	-	300

\*Tovex



DISTRICT 16

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT  DEPTH	KIND OF OPENING			DRIFT	GASEOUS OR NONGASEOUS	NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED			
					SLOPE  LENGTH	DEGREES	DRIFT			OPEN	FLAME SAFETY	ELEC- TRIC	AMMONIUM NITRATE	DYNAMITE	OTHER PERMIS- SIBLE (NAME)	
Florence Mining Co., The																
No. 1 Mine-Blacklick-Portal	Indiana	Lo. Kittanning	68	-	-	-	Drift	Gaseous	-	58	205	-	300	-		
No. 2 Mine-Florence	Indiana	Upper Freeport	72	110'	520'	11°	-	Gaseous	-	94	300	-	700	-		
No. 1 Mine-Robinson Shaft	Indiana	Lo. Kittanning	57	325'	1,250'	16°30'	Drift	Gaseous	-	96	485	-	535	-		
Portal											Total	-	1,535	-		
North American Coal Corp., The																
Conemaugh No. 1	Indiana	Lo. Kittanning	54	200'	1,000'	14°	-	Gaseous	-	32	156	-	-	-		
											DISTRICT TOTAL	-	1,535	-		

DISTRICT 17

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT			KIND OF OPENING		DRIFT	NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED		
				DEPTH	LENGTH	DEGREES	GASEOUS OR NONGASEOUS	OPEN		FLAME SAFETY	ELEC- TRIC	AMMONTUM NITRATE	DYNAMITE	OTHER PERMIS- SIBLE (NAME)	
Associated Drilling Co., Inc. Kephart	Clearfield	Mid Kittanning	32	-	-	-	Drift	Nongaseous	-	12	55	-	-	50*	
Rushton Mining Co. Rushton	Centre	Brookville	55	230'	610'	16°	Drift	Gaseous	-	68	256	-	1,750	2,250#	
<b>DISTRICT TOTAL</b>											-	1,750	2,300		

\*Hercogel A  
#Caps

DISTRICT 18

<u>OPERATORS AND MINES</u>	<u>COUNTY</u>	<u>GEOLOGICAL NAME OF COAL BED</u>	<u>HEIGHT OF SEAM INCHES</u>	<u>KIND OF OPENING</u>			<u>NUMBER AND TYPE</u>					<u>POUNDS OF EXPLOSIVES USED</u>		
				<u>SHAFT</u>	<u>SLOPE</u>		<u>DRIFT</u>	<u>LAMPS USED</u>			<u>AMMONIUM NITRATE</u>	<u>DYNAMITE</u>	<u>OTHER PERMISSIBLE (NAME)</u>	
				<u>DEPTH</u>	<u>LENGTH</u>	<u>DEGREES</u>	<u>DRIFT</u>	<u>GASEOUS OR NONGASEOUS</u>	<u>OPEN</u>	<u>FLAME SAFETY</u>	<u>ELECTRIC</u>			
Barnes & Tucker Co.														
Lancashire No. 24-B	Cambria	Lo. Kittanning	42	-	1,600'	14°	Drift	Gaseous	-	58	275	-	200	-
Lancashire No. 24-D	Cambria	Lo. Kittanning	42	-	800'	14°	Drift	Gaseous	-	80	360	-	1,000	-
											Total	-	1,200	-
Bethlehem Mines Corp.														
Mine No. 32	Cambria	Lo. Kittanning	54	645'	-	-	Drift	Gaseous	-	65	320	-	-	34,167
											DISTRICT TOTAL	-	1,200	34,167

DISTRICT 19

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT DEPTH	KIND OF OPENING		DRIFT	GASEOUS OR NONGASEOUS	NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED OTHER PERMISSIBLE (NAME)		
					LENGTH	DEGREES			OPEN	FLAME SAFETY	ELEC-TRIC	AMMONIUM NITRATE	DYNAMITE	
Barnes & Tucker Co. Lancashire No. 25	Cambria	Lower Freeport	44	-	-	-	Drift	Gaseous	-	110	474	-	2,500	-
Greenwick Collieries, Div. of Pa. Mines Corp. Mine No. 1	Indiana	Lower Freeport	42	415' 446' 454'	-	-	Drift	Gaseous	-	128	493	-	-	2,450*
Hillsdale Mining Co. Hillsdale 1	Cambria	Mid Kittanning	36	-	-	-	Drift	Nongaseous	-	5	-	-	-	-
<b>DISTRICT TOTAL</b>											-	2,500	2,450	

\*Gel Colete Z & Tovex  
330 & 320

DISTRICT 20

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	KIND OF OPENING			NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED					
				SHAFT DEPTH	SLOPE LENGTH	DEGREES	DRIFT	GASEOUS OR NONGASEOUS	OPEN	LAMPS USED FLAME SAFETY	ELEC-TRIC	AMMONIUM NITRATE	DYNAMITE	OTHER PERMISSIBLE (NAME)	
Bethlehem Mines Corp. Mine No. 31	Cambria	Lo. Kittanning	42	643' 36' 24'											
Brookdale Mine No. 77 Greenwick Collieries, Div. of Pa. Mines Corp. Mine No. 2	Cambria	Lo. Kittanning	36 1/2	-	10,500	40	-	Gaseous Gaseous	-	12	60	-	-	-	-
	Indiana	Lower Freeport	42	417' 489' 458' 507'	-	-	Drift	Gaseous	-	131*	496**	-	-	-	2,450#
Mears Coal Co. Penn Hill No. 2	Indiana	Lo. Kittanning	42	-	-	-	Drift	Nongaseous	-	12	46	-	-	-	-
Valley Coal Co.	Indiana	Lower Freeport	40	-	-	-	Drift	Nongaseous	-	8	40	-	-	-	-
Valley No. 2	Indiana	Lower Freeport	42	-	-	-	Drift	Nongaseous	-	6	38	-	-	-	-
<b>DISTRICT TOTAL</b>											-	-	-	<u>2,450</u>	

\*Koehler  
 \*\*Wheat MSA  
 #Gel Colete Z, Tovex 330

DISTRICT 21

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT			KIND OF OPENING			NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED			
				DEPTH	LENGTH	DEGREES	DRIFT	GASEOUS OR NONGASEOUS	OPEN	FLAME SAFETY	ELEC- TRIC	AMMONIUM NITRATE	DYNAMITE	OTHER PERMISSIBLE (NAME)		
Bethlehem Mines Corp.																
Ehrenfeld Mine No. 38D	Cambria	Lower Freeport	36-54	1-254'	-	-	Drift	Gaseous	-	60	275	-	-	320*		
Ehrenfeld Mine No. 38E	Cambria	Upper Freeport	30-45	-	-	-	Drift	Gaseous	-	30	75	-	-	320*		
Solomon Run No. 73	Cambria	Up. Kittanning	47	-	-	-	Drift	Gaseous	-	2	4	-	-	-		
											Total	-	-	640		
Bird Coal Co.																
Bird No. 2	Somerset	Up. Kittanning	42	-	-	-	Drift	Gaseous	-	5	8	-	-	-		
Bird No. 3	Somerset	Up. Kittanning	42	-	500'	-	Drift	Gaseous	-	7	14	-	-	-		
											Total	-	-	-		
Harmony Mining Corp.																
Harmony No. 1	Cambria	Lower Freeport	40	-	-	30	Drift	Nongaseous	-	15	41	-	43	-		
Jandy Coal Co., Inc.																
EUREKA No. 40	Cambria	Up. Kittanning	72	530'	-	-	Drift	Gaseous	-	14	97	-	-	-		
Longwall Mining, Inc.																
Longwall No. 1	Cambria	Up. Kittanning	46	-	-	-	Drift	Nongaseous	-	20	90	-	-	-		
											DISTRICT TOTAL	-	43	640		

\*Tovex

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	DISTRICT 22			NUMBER AND TYPE					POUNDS OF EXPLOSIVES USED		
				SHAFT DEPTH	KIND OF OPENING		DRIFT	LAMPS USED			AMMONIUM NITRATE	DYNAMITE	OTHER PERMISSIBLE (NAME)	
					LENGTH	DEGREES		DRIFT	GASEOUS OR NONGASEOUS	OPEN				FLAME SAFETY
Bethlehem Mines Corp. Mine No. 78	Somerset	Mid Kittanning	52	-	-	-	Drift	Gaseous	-	56	188	-	-	-
Bloom, Ralph, Jr. Bloom No. 1	Somerset	Up. Kittanning	42	-	-	-	Drift	Nongaseous	1	-	-	-	82	-
Consolidation Coal Co. Laurel	Somerset	Lo. Kittanning	84	-	1,240	16°42'	-	Gaseous	-	30	145	-	-	205*
Eureka Coal Co. Eureka Lower 35	Somerset	Miller - B	42	-	-	-	Drift	Nongaseous	-	2	4	-	-	350
Hiysota Fuel Co., Inc. Ralphton No. 1	Somerset	Upper Freeport	44	-	-	-	Drift	Nongaseous	-	14	63	-	-	-
J & D Mining, Inc. Miller Run	Somerset	Up. Kittanning	38	-	-	-	Drift	Nongaseous	-	12	26	-	-	-
Lunar Mining, Inc. Solar No. 7	Somerset	Up. Kittanning	46	-	-	-	Drift	Nongaseous	-	15	60	-	-	-
Potochar & Potochar Potochar No. 2	Somerset	Up. Kittanning	37-42	-	-	-	Drift	Nongaseous	-	1	2	-	1,800	-
Reitz Coal Co. Mine No. 21	Somerset	Lo. Kittanning	44	-	-	-	Drift	Nongaseous	-	1	2	-	-	-
Mine No. 22	Somerset	Lo. Kittanning	36	-	-	-	Drift	Nongaseous	-	1	1	-	-	-
Mine No. 23	Somerset	Up. Kittanning	50	-	-	-	Drift	Nongaseous	-	1	1	-	-	-
Mine No. 24	Somerset	Lo. Kittanning	48	-	-	-	Drift	Nongaseous	-	16	70	-	-	-
Solar Fuel Co. Mine No. 5A	Somerset	Upper Freeport	44	-	-	-	Drift	Nongaseous	-	5	30	-	-	-
Mine No. 5	Somerset	Upper Freeport	46	-	-	-	Drift	Nongaseous	-	5	20	-	-	-
Trent Coal, Inc. Hritz	Somerset	Up. Kittanning	36	-	-	-	Drift	Nongaseous	-	3	10	-	20#	-
<b>DISTRICT TOTAL</b>												-	1,902	510

\*Tovex

#Austin #Pam. Shell

## DISTRICT 23

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT DEPTH	KIND OF OPENING			NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED					
					LENGTH	DEGREES	DRIFT	GASEOUS OR NONGASEOUS	OPEN	FLAME SAFETY	ELEC- TRIC	AMMONIUM NITRATE	DYNAMITE	OTHER PERMIS- SIBLE (NAME)		
G. M. & W. Coal Co., Inc.																
Grove No. 1	Somerset	Up. Kittanning	72	-	-	-	Drift	Gaseous	-	30	260	-	2,000	-		
Grove No. 3	Somerset	Up. Freeport	84	-	-	-	Drift	Nongaseous	-	20	190	-	98	-		
Grove No. 5	Somerset	Up. Kittanning	72	-	-	-	Drift	Nongaseous	-	9	46	-	-	-		
											Total	-	2,098	-		
Harkview Mining Corp.																
Barbara No. 1	Somerset	Up. Kittanning	60	-	-	-	Drift	Nongaseous	-	5	28	-	-	-		
Mark Mining																
Mark No. 2	Somerset	Lo. Freeport	32	-	-	-	Drift	Nongaseous	-	10	38	-	-	-		
Penn Pocahontas Coal Co.																
Black Mountain	Somerset	-	-	-	-	-	-	Nongaseous	-	-	-	-	-	-		
Reitz Coal Co.																
Mine No. 25	Somerset	Lo. Kittanning	72	-	-	-	Drift	Nongaseous	-	14	76	-	-	-		
Solar Fuel Co.																
Mine No. 9	Somerset	Up. Freeport	44	-	-	-	Drift	Nongaseous	-	14	58	-	-	-		
Mine No. 10	Somerset	Up. Kittanning	38	-	-	-	Drift	Nongaseous	-	10	48	-	-	-		
Spewock Theodore																
Clark Hollow	Westmoreland	Lo. Freeport	48	-	90'	-	Drift	Nongaseous	-	1	2	-	10	-		
											DISTRICT TOTAL	-	2,108	-		



DISTRICT 24

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT DEPTH	KIND OF OPENING		DRIFT	NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED			
					LENGTH	DEGREES		GASEOUS OR NONGASEOUS	OPEN	FLAME SAFETY	ELEC-TRIC	AMMONIUM NITRATE	DYNAMITE	OTHER PERMISSIBLE (NAME)
Barnes & Tucker Co. Lancashire No. 20 Bethlehem Mines Corp.	Cambria	Lo. Kittanning	55	-	1,600	140	-	Gaseous	-	95	400	-	200	-
Mine No. 33	Cambria	Upper & Lower Kittanning	42	801' 640' 666' 451' 475'	3,000'	170°	-	Gaseous	-	157	966	-	-	68,333*
Central Cambria Drilling Co. Barnes & Tucker Mine No. 20	Cambria	Lo. Kittanning	42	529'	-	-	-	Gaseous	-	2	12	-	-	12,000
Stella Maris Coal Co. Stella Maris	Cambria	Lo. Kittanning	48	38'	-	-	Drift	Nongaseous	-	1	2	-	150	260
<b>DISTRICT TOTAL</b>											-	350	260	80,393

\*Dupont

DISTRICT 25

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	KIND OF OPENING			SHAFT	DRIFT	NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED		
				DEPTH	LENGTH	DEGREES			GASEOUS OR NONGASEOUS	OPEN	FLAME SAFETY	ELEC- TRIC	AMMONIUM NITRATE	DYNAMITE
Helen Mining Co., The Homer City Mine	Indiana	Up. Freeport	46	620'	2,700'	16 1/4°	-	Gaseous	-	140	520	-	-	1,500*
Helvetia Coal Co. Lucerne No. 6	Indiana Indiana	Up. Freeport	N 84 E 60 W 48	636'	2,100'	16°15'	-	Gaseous	-	147	507	-	4,150**	3,300#
Lucerne No. 8	Indiana	Up. Freeport	42	-	338'	16°15'	-	Gaseous	-	44	163	-	1,600**	1,850#
Lucerne No. 9	Indiana	Lo. Freeport	42	-	285'	16°	-	Gaseous	-	80	220	-	850**	450#
											Total	-	6,600	5,600
North American Coal Corp., The Aulds Run No. 2	Indiana	Lo. Freeport	40	-	-	-	Drift	Nongaseous	-	3	20	-	24**	83**
Josephine No. 2	Indiana	Lo. Kittanning	40	-	-	-	Drift	Nongaseous	-	1	5	-	113**	235**
											Total	-	137	318

\*Amos Dolby  
\*\*Blasting Caps  
#Tovex

DISTRICT 26

OPERATORS AND MINES	COUNTY	GEOLOGICAL NAME OF COAL BED	HEIGHT OF SEAM INCHES	SHAFT DEPTH	KIND OF OPENING			DRIFT	GASEOUS OR NONGASEOUS	NUMBER AND TYPE			POUNDS OF EXPLOSIVES USED		
					LENGTH	DEGREES				OPEN	FLAME SAFETY	ELEC- TRIC	AMMONIUM NITRATE	DYNAMITE	OTHER PERMISSIBLE (NAME)
Bethlehem Mines Corp. Marianna Mine No. 38	Washington	Pittsburgh	68	460'	-	-	-	Gaseous	-	123	525	-	1,270	-	
Consolidated Coal Co. Westland Mine	Washington	Pittsburgh	60	204'	-	-	-	Gaseous	-	10	15	-	-	1,730*	
Westland Mine No. 2	Washington	Pittsburgh	60	-	-	-	-	Gaseous	-	25	83	-	-	96*	
											Total	-	-	1,846	
Mathies Coal Co. Mathies	Washington	Pittsburgh	66	-	-	-	-	Gaseous	-	170	700	-	-	-	
											DISTRICT TOTAL	-	1,270	1,846	

\*Tovex