

GEOGRAPHICAL TABLE

DISTRICT 1

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Kind of Opening :										Number and Type:		Pounds of Explosives Used	Other Permis- sible (Name)
			Height: of :	Shaft :	Slope :	Drift: :	Gas: eous:	Non- eous:	Flame :	Elec- tric :	Ammonium Nitrate	Dynamite				
Beth Energy Mines, Inc. Fawn Mine 91	Butler	U.F.	52	-	-	-	Drift Gas.	-	-	25	120	-	1,200	1,050		
Cannel Coal Co. Cannel Mine	Armstrong	Unknown	-	11'	-	-	-	Nongas.	-	-	-	-	3,500	-		
Carpentertown Coal & Coke Co. Mahoning Creek No. 2	Armstrong	U.F.	32	-	-	-	Drift	-	Nongas.	-	30	90	-	-		
Darmac Associates Corp. Chicora No. 1	Butler	U.F.	48	-	-	-	Drift	-	Nongas.	-	8	50	-	-		
Rosebud Mining Co. Rosebud No. 1	Armstrong	L.K.	42	-	-	-	Drift Gas.	-	-	12	35	-	-	-		
Rosebud No. 3	Armstrong	Clarion Sean	34	-	-	-	Drift	-	Nongas.	-	12	35	-	-		
DISTRICT TOTAL												-	4,700	1,050		

Note: Symbols for Geological Name of Coal Bed:

UK - Upper Kittanning
 MK - Middle Kittanning
 LK - Lower Kittanning
 UF - Upper Freeport
 MF - Middle Freeport
 LF - Lower Freeport

DISTRICT 2

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height: of Seam	Kind of Opening				Number and Type:				Pounds of Explosives Used		Other Permis- sible (Name)		
				Shaft	Slope	Drift		Lamps Used				Ammonium Nitrate	Dynamite			
BCNR Mining Corp.																
Newfield Mine	Allegheny	Freeport	72	561'	1,450'	16°	-	Gas.	-	-	35	120	-	-	-	
Russellton Mine	Allegheny	Freeport	96	216'												
				85'												
				215'	360'	15°	-	Gas.	-	-	5	20	-	-	-	
												TOTAL	-	-	-	
Creighton Hills Coal Co., Inc.																
Carol Mine	Butler	U.F.	-	-	-	-	-	Drift	-	Nongas.	-	4	7	-	-	-
Mammoth Mining Co.																
Mammoth Mine(a)	Westmoreland	Pittsburgh	72	20'	-	-	-	Drift	-	Nongas.	-	2	6	-	-	-
Penn Allegh Coal Co., Inc.																
Allegh No. 2 Mine	Allegheny	U.F.	52	-	-	-	-	Drift Gas.	-	-	50	250	-	150#	-	
Villa Coal Co., Inc.																
Renton Mine(b)	Allegheny	Double Freeport	-	-	-	-	-	Gas.	-	-	-	-	-	-	-	
												DISTRICT TOTAL	-	150	-	

Note: (a) Mine sealed June 1987
 # DuPont - TOREV
 (b) Mine abandoned
 U.F. - Upper Freeport

DISTRICT 3

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Kind of Opening :				Number and Type:				Founds of Explosives Used			Other Permis- sible (Name)				
			Shaft	Slope	Drift	:	Lamps Used	:	:	:	Ammonium	Dynamite						
Seam	Height of	Inches	Depth	Length	Degrees	Drift	Gas	gas	Non-	Flame	Elec-	Nitrate						
Crescent Hills Coal Co., Inc. Ocean No. 5 Mine	Allegheny	Pittsburgh	-	-	-	-	Drift	-	Nongas.	-	-	-	-	-	-			
Mathies Coal Co. Mathies Mine	Washington	Pittsburgh	66	-	-	-	Drift	Gas.	-	-	170	450	-	-	-			
U.S. Steel Mining Co., Inc. Maple Creek Mine	Washington	Pittsburgh	63	410'	259'	268'	250'	915'	3°	Drift	Gas.	-	-	163	800	-	-	1,750@
DISTRICT TOTAL												-	-	1,750				

Note: @ R.D. Gel

DISTRICT #

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height: of Seam Inches	Kind of Opening :				Number and Type:				Pounds of Explosives Used		Other Permis- sible (Name)	
				Shaft	Slope	Drift	:	Lamps Used	:	:	:	Ammonium Nitrate	Dynasite		
Beth Energy Mines, Inc. Mine No. 51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Marianna Mine 58	Washington	Pittsburgh	68	-	-	-	-	Gas.	-	-	64	270	-	1,500	-
Livingston Portal 84 Mine	Washington	Pittsburgh	65	305'	590'	1,270	17°	-	Gas.	-	115	480	-	-	1,500#
DISTRICT TOTAL												-	1,500	1,500	

Note: @ TOVEX

DISTRICT 5

		: Kind of Opening :									: Number and Type:		: Pounds of Explosives Used			
		: Shaft			: Slope			: Drift:			: Lamps Used					
Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height:	:	:	:	:	:	:	:	:	:	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
			Inches:	Depth:	Length:	Degrees:	Drift:	eous:	eous :	Open:	Safety:	tric :				
Consol Pennsylvania Coal Co.																
Bailey No. 1 Mine	Greene	Pittsburgh 8	78	571'	2,150'	14°	-	Gas.	-	-	65	400	-	-	7,650	
Bailey No. 2 Mine	Greene	Pittsburgh 8	102	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL				7,650
Emerald Mines Corp.																
Emerald Mine No. 1	Greene	Pittsburgh	72	650'	2,200'	16½°	-	Gas.	-	-	75	250	-	-	-	
												DISTRICT TOTAL				7,650

DISTRICT 6

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Kind of Opening :										Number and Type:		Pounds of Explosives Used		Other Permis- sible (Name)		
			Height: of Seam :	: : : Inches:	: : : Depth:	: : : Length:	: : : Degrees:	: : : Drift:	: : : Gas- eous:	: : : gas- eous:	: : : Flame	: : : Elec- tric :	: : : Lamps Used :	: : : Open:	: : : Safety:	: : : Nitrate		: : : Dynamite	
BCNR Mining Corp./ Clyde Mine	Washington	Pittsburgh	72	113'															
				126'															
Consolidation Coal Co. Dilworth Mine	Greene	Pittsburgh	84	635'	-	-		Drift Gas.	-	-	30	235							
				521'															
Dynamic Recovery, Inc. Pitt Gas Mine	Greene	Pittsburgh		333'															
				1,161'	789'	16°		Drift Gas.	-	-	65	366							
Gateway Coal Co. Gateway Mine	Greene	Pittsburgh	72	30'	300'	7°													
				640'	403'	17°	-	Gas.	-	-	8	25							
High-Tech Collieries, Inc. Vesta No. 5	Washington	Pittsburgh	74	384'	290'	11°	30'												
				314'	558'	70°		Drift Gas.	-	-	-	-							
DISTRICT TOTAL															-	2,800	-		

DISTRICT 7

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height: of Seam	Kind of Opening :				Number and Type:				Pounds of Explosives Used			Other Permis- sible (Name)
				Shaft	Slope	Drift	:	Lamps Used	:	:	:	Ammonium Nitrate	Dynamite		
			Inches:	Depth:	Length:	Degrees:	Drift:	Gas- eous	gas- eous	Flame	Elec- tric				
Duquesne Light Co. Warwick Mine No. 3	Greene	Sewickley	54	-	-	-	Drift	Gas.	-	-	66	261	-	200	-
U.S. Steel Mining Co., Inc. Cumberland Mine	Greene	Pittsburgh	78	749'											
				695'											
				716'	2,577'	@	-	-	Gas.	-	-	105	350	-	1,500*
				724'											
				671'											
				744'	2,194'	#									
DISTRICT TOTAL												-	200	1,500	

Note: @ Belt Slope
* R. D. Gel
Track Slope

DISTRICT 8

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Kind of Opening :							Number and Type:			Pounds of Explosives Used		Other Permis- sible (Name)
			Height: of Seam Inches:	Depth: Length: Depth:	Slope Slope Length:	Drift: Drift: Degrees:	Gas: Gas: Non- eous:	Gas: Gas: Non- eous:	Flame Open:	Elec- Safety:	Lamps Used Lamps Used	Ammonium Nitrate	Dynamite		
B & M Coal Co. No. 2 Mine	Greene	Sewickley	52	-	-	-	Drift	-	Nongas.	-	6	15	-	-	-
Dunkard Mining Co. Dunkard Mine	Greene	Sewickley	54	-	-	-	Drift	Gas.	-	-	5	20	-	-	-
Francis Fuels	Greene	Sewickley	54	-	-	-	Drift	-	Nongas.	-	4	15	-	-	-
Eberhart Coal Co. Titus Mine	Greene	Sewickley	48	-	-	-	Drift	-	Nongas.	-	-	-	-	-	-
Emelio Mining Co., Ltd. No. 2 Mine	Greene	Sewickley	42	-	-	-	Drift	-	Nongas.	-	3	12	-	-	-
LTV Steel Co., Inc. Nemaolin Mine	Greene	Pittsburgh	90	250	875	19°	-	Gas.	-	-	17	40	-	-	-
Red Bone Mining Co., Inc. Mathews Mine	Greene	Sewickley	45	-	-	-	Drift	-	Nongas.	-	5	18	-	-	-
Target Industries, Inc. Target No. 1	Greene	Sewickley	55	-	-	-	Drift	-	Nongas.	-	10	35	-	-	-
Tri-Ent, Inc. Bren-Mar Mine	Greene	Sewickley	48	-	-	-	Drift	-	Nongas.	-	4	14	-	-	-
DISTRICT TOTAL													-	-	-

DISTRICT 9

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Kind of Opening :											Number and Type:			Pounds of Explosives Used			
			Shaft	Slope	Drift	:	:	:	:	:	:	:	:	Lamps Used	:	:	:	Ammonium Nitrate	Dynamite	Other Permissible (Name)
			Height:																	
			of																	
			Seam																	
				Inches:	Depth:	Length:	Degrees:	Drift:	eous:	eous:		Open:	Safety:	tric :						
Shannopin Mining Co. Shannopin Mine	Greene	Pittsburgh	76	-	-	-	-	Gas.	-	-	50	260	-	-	-	-	6,000	-	-	-
DISTRICT TOTAL																-	6,000	-		

DISTRICT 10

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height: of Seam	Kind of Opening				Number and Type:				Pounds of Explosives Used		Other Permis- sible (Name)	
				:Shaft	Slope	:Drift:	:	:Lamps Used	:	:Flame	:Elec-	Ammonium	Dynamite		
			Inches:	Depth:	Length:	Degrees:	Drift:	eous:	eous:	:Open:	Safety:	tric :	Nitrate		
Beth Energy Mines, Inc. Mine No. 78	Somerset	U. K.	48	-	-	-	Drift Gas.	-	-	50	100	-	-	-	
Eureka Coal Co. No. 35 Lower(a)	Somerset	Unknown	-	-	-	-	Drift - Nongas.	-	-	-	-	-	-	-	
Hawkview Mining Corp. Barbara No. 1 Mine	Somerset	U. K.	43	-	-	-	Drift - Nongas.	-	-	18	59	-	-	-	
Lion Mining Co. Grove No. 1 Mine	Somerset	U. K.	48	-	-	-	Drift Gas.	-	-	15	58	-	-	-	
Mountain Top Mining, Inc. Christy No. 1	Somerset	U. K.	38	-	-	-	Drift - Nongas.	-	-	2	6	-	-	-	
Providence Coal, Inc. Solar No. 10	Somerset	U. K.	32	-	-	-	Drift - Nongas.	-	-	8	20	-	-	-	
Quemahoning Collieries Mine No. 1	Somerset	U. K.	32-36	28	-	-	Drift - Nongas.	-	-	2	6	-	-	-	
Reitz Coal Co. Camp Hamilton No. 24	Somerset	L. K.	42	-	-	-	Drift - Nongas.	-	-	-	-	-	-	-	
Solar Fuel Co., Inc. Solar No. 7	Somerset	U. K.	44	-	-	-	Drift Gas.	-	-	10	48	-	-	-	
Solar No. 10	Somerset	U. K.	38	-	-	-	Drift - Nongas.	-	-	2	4	-	-	-	
Spewock, Theodore Clark Hollow	Westmoreland	L. F.	48	-	300'	-	Drift - Nongas.	-	-	1	1	-	-	-	
Top Grade Fuels, Inc. Black Mountain Mine	Somerset	Brookville	-	-	-	-	Drift - Nongas.	-	-	-	-	-	-	-	
Trent Coal, Inc. Hritz	Somerset	U. K.	33	-	-	-	Drift - Nongas.	-	-	5	11	-	25	-	
DISTRICT TOTAL												-	25	-	

Note: Symbols for Geological Name of Coal Bed:

- UK - Upper Kittanning
- MK - Middle Kittanning
- LK - Lower Kittanning
- UF - Upper Freeport
- MF - Middle Freeport
- LF - Lower Freeport

DISTRICT 11

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height: of Seam	Kind of Opening :				Number and Type:				Pounds of Explosives Used		Other Permis- sible (Name)	
				:Shaft	Slope	:Drift:	:	:Lamps Used	:	:Flame	:Elec-:	Ammonium	Dynamite		
			Inches:	Depth:	Length:	Degrees:	Drift:	eous:	eous :	Open:	Safety:	tric :	Nitrate		
Beth Energy Mines, Inc. Cambria Slope Mine No. 33	Cambria	U. K.	36-48	820'											
		L. K.	42-60	628' 640' 801' 451' 475' 660' 734'	3,000'	17°	-	Gas.	-	-	225	800	-	-	6,500*
Bird Coal Co. Bird No. 2	Somerset	U. K.	42-44	-	-	-	Drift	Gas.	-	-	2	4	-	-	-
Bird No. 3	Cambria	L. K.	42-50	-	-	-	-	Gas.	-	-	2	2	-	-	-
Harmony Mining Co. Harmony No. 1	Cambria	L. F.	40	-	2,200'	3°	-	Nongas.	-	-	4	10	-	-	-
J & D Mining, Inc. Miller Run No. 2	Somerset	U. K.	40	-	-	-	Drift	-	Nongas.	-	8	34	-	-	-
Longwall Mining, Inc. Longwall No. 1	Cambria	U. K.	46	-	-	-	Drift	-	Nongas.	-	4	9	-	-	-
DISTRICT TOTAL													-	-	6,500

Note: *Lbs. Coalmax AXD (Austin Powder)

Symbols for Geological Name of Coal Bed:

UK - Upper Kittanning
 MK - Middle Kittanning
 LK - Lower Kittanning
 UF - Upper Freeport
 MF - Middle Freeport
 LF - Lower Freeport

DISTRICT 12

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Kind of Opening				Number and Type:				Pounds of Explosives Used		Other Permis- sible (Name)		
			Height: of Seam	Shaft	Slope	Drift	Gas	Non- gas	Flame	Elec	Lamps Used	Ammonium Nitrate		Dynamite	
			Inches	Depth	Length	Degrees	Drift	eous	eous	Open	Safety	tric			
Florence Mining Co., The Florence No. 1 - Blacklick	Indiana	L. K.	72	-	-	-	Drift Gas.	-	-	52	179	-	-	-	300 (a)
Florence No. 1 - Robinson	Indiana	L. K.	48	325'	1,250'	16°	Drift Gas.	-	-	104	334	-	50	-	30 (b)
Florence No. 2	Indiana	U. F./L. F.	72	110'	520'	11°	Gas.	-	-	94	300	-	395	-	-
Heshbon	Indiana	L. F.	44	42	393'	940'	2°	Drift Gas.	-	-	7	25	-	-	-
TOTAL												-	445	330	
DISTRICT TOTAL												-	445	330	

Note: (a) Coalite Z
(b) Caps

Symbols for Geological Name of Coal Bed:

- UK - Upper Kittanning
- MK - Middle Kittanning
- LK - Lower Kittanning
- UF - Upper Freeport
- MF - Middle Freeport
- LF - Lower Freeport

DISTRICT 13

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Kind of Opening :					Number and Type:			Pounds of Explosives Used			Other Permis- sible (Name)	
			Shaft	Slope	Drift	:	:	Lamps Used	:	:	:	Ammonium Nitrate	Dynamite		
			Height of Seam :	Depth :	Length :	Degrees :	Drift :	Gas- eous :	gas- eous :	Flame :	Elec- tric :				
			Inches:	Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate	Dynamite	(Name)
Canterbury Coal Co.															
David Mine	Armstrong	Thick Freeport	108	-	-	-	Drift	Gas.	-	-	30	100	-	-	1,000
Dianne Mine	Armstrong	L. K.	48	125'	1,150'	6°	-	Gas.	-	-	30	110	-	-	500
												TOTAL	-	-	1,500
Loyal Creek Coal															
Loyal Creek 4	Armstrong	U. F.	48	-	-	-	Drift	-	Nongas.	-	2	12	-	300	-
Partner Coal Co.															
Gilmur No. 1	Westmoreland	U. F.	-	-	-	-	Drift	-	Nongas.	-	-	-	-	-	-
Tunnelton Mining Co.															
Marion Mine	Westmoreland	U. F.	54	263'	980'	16°	-	Gas.	-	-	85	295	-	-	90
												DISTRICT TOTAL	-	300	1,590

Note: Symbols for Geological Name of Coal Bed:

- UK - Upper Kittanning
- MK - Middle Kittanning
- LK - Lower Kittanning
- UF - Upper Freeport
- MF - Middle Freeport
- LF - Lower Freeport

DISTRICT 14

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height: of Seam	Kind of Opening :			Drift:	Gas-gas-	Non-	Flame	Number and Type:		Pounds of Explosives Used		Other Permis- sible (Name)
				Shaft	Slope	:					Lamps Used	:	Ammonium Nitrate	Dynamite	
Darmac Associates Corp. Darmac No. 1 Mine	Armstrong	Upper Freeport	30	-	-	-	Drift	-	Nongas.	-	12	60	-	-	-
Keystone Coal Mining Corp. Emilie No. 4	Armstrong	Upper Freeport	42	108'	942'	9°	-	Gas.	-	-	47	163	-	-	.-
Jane Mine	Armstrong	Lower Freeport	54	-	335' (a)	16°	-	Gas.	-	-	88	311	-	-	2,147 ϕ
											TOTAL	-	-	2,147	
											DISTRICT TOTAL	-	-	2,147	

Note: (a) Track
(b) Belt
 ϕ TOVEX

DISTRICT 15

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Kind of Opening :					Number and Type:					Pounds of Explosives Used		Other Permis- sible (Name)	
			Height: of Seam	: : :	: : :	: : :	: : :	: : :	: : :	: : :	: : :	: : :	: : :	: : :		: : :
Helvetia Coal Co. Lucerne Mine No. 8	Indiana	Upper Freeport	58	88'	338'	16°15'	-	Gas.	-	-	50	162	-	-	-	240#
Lucerne Mine No. 9	Indiana	Upper Freeport	66	-	285'	16°	-	Gas.	-	-	52	52	-	-	-	337#
																567@
																TOTAL
																1,144
																DISTRICT TOTAL
																1,144

Note: # TOVEX
@ Caps

DISTRICT 16

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Kind of Opening :										Number and Type:		Pounds of Explosives Used			
			Shaft	Slope	Drift	: : :			: : :			Lamps Used	:		Ammonium Nitrate	Dynamite	Other Permissible (Name)	
			Height of Seam	Inches	Depth	Length	Degrees	Drift	eous	eous	eous	Open	Safety	tric				
Keystone Coal Mining Corp.																		
Urling No. 1	Indiana	L. F.	54	332'	1,250'	16°	-	Gas.	-	-	75	256	-	-	-	-	-	58(a)
Urling No. 2	Indiana	U. F.	41	256'	900'	16°	-	Gas.	-	-	35	187	-	-	-	-	-	330(a)
Urling No. 3	Indiana	L. F.	54	209'	2,800'	4°	-	Gas.	-	-	39	151	-	-	-	-	-	150(a)
DISTRICT TOTAL																-	-	548

Note: (a) TOVEX

Symbols for Geological Name of Coal Bed:

- UK - Upper Kittanning
- MK - Middle Kittanning
- LK - Lower Kittanning
- UF - Upper Freeport
- MF - Middle Freeport
- LF - Lower Freeport

DISTRICT 17

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening				Number and Type				Pounds of Explosives Used			
				Shaft	Slope	Drift	Other	Lamps Used	Non-	Flame	Elec-	Ammonium	Dynamite	Other	
			Depth	Length	Degrees	Drift	eous	eous	Open	Safety	tric	Nitrate		(Name)	
Helen Mining Co., The Homer City Mine	Indiana	Upper Freeport	46	620'	2,700'	16°	-	Gas.	-	-	140	520	-	-	2,500#
Helvetia Coal Co. Lucerne No. 6	Indiana	Upper Freeport	54	636'	2,100'	16°15'	-	Gas.	-	-	90	350	-	-	900# 250#
DISTRICT TOTAL												-	-	3,650	

Note: # Amos Dolby
@ Blasting Caps
‡ TOVEX

DISTRICT 18

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening				Number and Type Lamps Used	Pounds of Explosives Used			Other Permis- sible (Name)			
				Shaft	Slope	Drift	Drift		Gas- eous	Non- eous	Flame Elec- tric		Ammonium Nitrate	Dynamite	
Mears Enterprises, Inc. Crooked Creek No. 2	Indiana	L. F.	32	-	-	-	Drift	-	Nongas.	-	6	20	-	-	-
Stanford Mining Co. Chestnut Ridge	Indiana	L. K.	40	-	-	-	Drift	-	Nongas.	-	8	30	-	-	-
Penn Hill	Indiana	L. K.	40	-	-	-	Drift	-	Nongas.	-	12	46	-	-	-
Tanoma Mining Co., Inc. Tanoma Mine	Indiana	L. K.	38	180'	752'	15°	-	Gas.	-	-	70	270	-	360	-
Valley Coal Co. Valley No. 11 Mine	Indiana	L. F.	42	-	-	-	Drift	-	Nongas.	-	6	24	-	-	-
Valley No. 14 Mine	Indiana	L. F.	42	-	-	-	Drift	-	Nongas.	-	6	30	-	-	-
DISTRICT TOTAL													-	360	-

Note: Symbols for Geological Name of Coal Bed:

UK - Upper Kittanning
 MK - Middle Kittanning
 LK - Lower Kittanning
 UF - Upper Freeport
 MF - Middle Freeport
 LF - Lower Freeport

DISTRICT 19

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam	Kind of Opening				Number and Type			Pounds of Explosives Used			Other Permis- sible (Name)
				Shaft	Slope	Drift	Gas- eous	Non- eous	Lamps Used	Flame	Elec- tric	Ammonium Nitrate	Dynamite	
Inches	Depth	Length	Degrees	Drift	eous	eous	Open	Safety	tric	Nitrate	Dynamite	(Name)		
Greenwich Collieries Greenwich No. 1	Indiana	L. F.	44	416'										
				387'										
				455'	-	-	Drift Gas.	-	-	109	461	-	-	*
Greenwich No. 2 (South Portal)	Indiana	L. F.	51	416'										
				493'										
				512'										
				625'										
				642'	-	-	Drift Gas.	-	-	66	240	-	1,752	*
Greenwich No. 2 - 580 Portal	Indiana	L. F.	55	408'	-	-	Drift Gas.	-	-	60	189	-	100	*
DISTRICT TOTAL											-	1,852	*	

Note: * Atlas 7-D
Symbols for Geological Name of Coal Bed:

- UK - Upper Kittanning
- MK - Middle Kittanning
- LK - Lower Kittanning
- UF - Upper Freeport
- MF - Middle Freeport
- LF - Lower Freeport

DISTRICT 21

Operators and Mines/or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam	Kind of Opening				Number and Type				Pounds of Explosives Used		Other Permis- sible (Name)	
				Shaft	Slope	Drift		Lamps Used				Ammonium Nitrate	Dynamite		
			Inches	Depth	Length	Degrees	Drift	Gas	Non- gas	Flame	Elec- tric				
Hillsdale Mining Co. Hillsdale No. 1	Cambria	M. K.	36	-	-	-	Drift	-	Nongas.	-	5	15	-	-	-
Kniseley Coal Co. Kniseley Mine	Jefferson	L. F.	54	-	-	-	Drift	-	Nongas.	-	2	5	-	-	-
Manor Mining & Contracting Manor No. 44	Clearfield	L. K.	36	-	-	-	Drift	-	Nongas.	-	4	12	-	-	-
Mears Enterprises, Inc. Bear Run No. 2	Indiana	Clarion A	46	-	-	-	Drift	-	Nongas.	-	6	20	-	-	-
Rushton Mining Co. Rushton Mine	Centre	Brookville A	55	-	610'	16°	-	Gas.	-	-	68	270	-	325	530(a)
DISTRICT TOTAL												-	325	530	

Note: Symbols for Geological Name of Coal Bed:

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(a) Caps