

GEOGRAPHICAL TABLE

DISTRICT 1

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
				Shaft	Slope					Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	
					Depth	Length									
Beth Energy Mines, Inc. Fawn Mine No. 91	Butler	UF	52	-	-	-	Drift	Gas.	-	-	26	28	-	825	914*
Carpentertown Coal & Coke Co. Mahoning Creek No. 2	Armstrong	UF	32	-	-	-	Drift	-	Nongas.	-	30	90	-	-	-
Cannel Coal Co. Cannel Mine	Armstrong	Cannel	108	-	-	-	Drift	-	Nongas.	-	2	5	-	2,000	-
Darmac Associates Corp. Chicora No. 1	Butler	UF	48	-	-	-	Drift	-	Nongas.	-	10	50	-	-	-
Rosebud Mining Co. Rosebud No. 3	Armstrong	Clarion	34	-	-	-	Drift	-	Nongas.	-	8	50	-	100	-
DISTRICT TOTAL												-	2,925	914	

Note: * Caps

Symbols for Geological Name of Coal Bed:

UF - Upper Freeport

DISTRICT 2

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			
				Shaft		Slope		Drift	Gas- eous	Non- Gas- eous	Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length	Degrees	Drift									
Crieghton Hills Coal Co. Carol Mine	Butler	UF	-	-	-	-	-	Drift	-	Nongas.	-	4	7	-	-	-
Penn Allegh Coal Co., Inc. Allegh No.2 & Portal No.3	Allegheny	UF	52	-	-	-	-	Drift Gas.	-	-	-	50*	250#	-	150@	-
DISTRICT TOTAL													-	150	-	

Note: * Koehler
Wheat
@ Dupont-TOVEX

Symbols for Geological Name of Coal Bed:
UF - Upper Freeport

DISTRICT 3

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used					
				Shaft		Slope				Drift	Gas- eous	Non- Gas- eous	Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length	Degrees												
Capin Mining, Inc. Ocean No. 5 Mine	Allegheny	Pittsburgh	60	-	-	-	Drift	Gas.	-	-	6	35	-	-	-			
Mathies Coal Co. Mathies Mine (a)	Washington	Pittsburgh	66	-	-	-	Drift	Gas.	-	-	-	-	-	-	-			
U.S. Steel mining Co., Inc. Maple Creek Mine	Washington	Pittsburgh	63	382' 251'	-	-	Drift*	Gas.*	-	-	-	-	-	-	-			
DISTRICT TOTAL												-	-	-				

Note: (a) Taken from the 1987 annual because no annual received for the year 1988

* Taken from the 1987 annual not indicated on the operators annual report

DISTRICT 4

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used			
				Shaft Depth	Slope					Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
					Length	Degrees									Open	Safety
Beth Energy Mines, Inc.																
Mine No. 51	Washington	Pittsburgh	69	278'	1,249'	17°	-	Gas.	-	-	6	10	-	-	-	
Marianna Mine No. 58	Washington	Pittsburgh	68	460'	-	-	-	Gas.	-	-	-	-	-	-	-	
Mine No. 60	Washington	Pittsburgh	65	305'												
				590'	1,270'	17°	-	Gas.	-	-	115	520	-	-	-	2,750*
DISTRICT TOTAL												-	-	2,750		

Note: * TOVEX

DISTRICT 5

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used				
				Shaft		Slope				Drift	Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Depth	Length	Degrees											
Consol Pennsylvania Coal Co.																	
Bailey No. 1	Greene	Pittsburgh	8	78	571	2,150'	14	-	Gas.	-	-	75	425	-	-	4,700a	
Bailey No. 2	Greene	Pittsburgh	8	102	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL		-	-	4,700	
Cyprus Emerald Resources Corp.																	
Emerald No. 1	Greene	Pittsburgh	72	72	655	2,200'	16½	-	Gas.	-	-	125	450	-	-	2,600b	
												DISTRICT TOTAL			-	-	7,300

Note: a TOVEX
b Redi-Gel lbs.

DISTRICT 6

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used			
				Shaft	Slope					Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
					Depth	Length									Degrees	Open
Consolidation Coal Co. Dilworth Mine	Greene	Pittsburgh	84	609'												
				521'												
				333'												
				161'												
Dynamic Recovery, Inc. Pitt Gas	Greene	Pittsburgh	72	618'	789'	16°	-	Gas.	-	-	72	370	-	-	-	
				30'	300'	7°										
Gateway Coal Co. Gateway Mine	Greene	Pittsburgh	72	150'	150'	15°	-	Gas.	-	-	10	25	-	-	-	
				467'	403'											
				640'	606'	17°	-	Gas.	-	-	100	300	-	1,400	-	
DISTRICT TOTAL												-	1,400	-		

DISTRICT 7

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)	
				Shaft Depth	Slope					Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate		Dynamite
					Length	Degrees										
Duquesne Light Co. Warwick Mine No. 3	Greene	Sewickley	54	-	-	-	Drift	Gas.	-	-	66	261	-	950	-	
U.S. Steel Mining Co., Inc. Cumberland Mine	Greene	Pittsburgh	78	749'												
				695'												
				716'	2,577'	16	-	Gas.	-	-	105	350	-	-	-	
				724'												
				672'												
				671'												
				744'	2,194'	17										
DISTRICT TOTAL												-	950	-		

DISTRICT 8

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used				
				Shaft	Slope					Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
					Depth	Length											
B & M Coal Co. No. 2 Mine	Greene	Sewickley	52	-	-	-	Drift	-	Nongas.	-	6	15	-	-	-		
Dunkard Mining Co. Dunkard Mine	Greene	Sewickley	54	-	-	-	Drift	Gas.	-	-	-	27	-	-	-		
Eberhart Coal Co. Titus Mine (a)	Greene	Sewickley	-	-	-	-	-	-	Nongas.	-	-	-	-	-	-		
Emelio Mining Co., Ltd. No. 2 Mine	Greene	Sewickley	-	-	-	-	-	-	Nongas.	-	-	-	-	-	-		
Meadow Run Mining Co., Inc. Meadow Run Mine	Greene	Sewickley	48	-	-	-	Drift	-	Nongas.	-	3	12	-	-	-		
Red Bone Mining Co. (a) Mathew Mine	Greene	Sewickley	-	-	-	-	-	-	Nongas.	-	-	-	-	-	-		
Target Industries, Inc. Target No. 1	Greene	Sewickley	55	-	-	-	Drift	-	Nongas.	-	10	35	-	150	-		
Tri-Ent., Inc. (a) Bren-Mar Mine	Greene	Sewickley	-	-	-	-	-	-	Nongas.	-	-	-	-	-	-		
DISTRICT TOTAL												-	150	-			

Note: (a) Limited data taken from 1987 annual publication. No annual report for 1988 received from operator.

DISTRICT 9

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas-	Non-	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)		
				Shaft	Slope					Gas-	Gas-	Open	Flame	Elec-		Ammonium	Dynamite
					Depth	Length											
Consolidation Coal Humphrey Mine	Greene	Pittsburgh	89	*	-	-	-	-	Nongas.	-	4	-	-	472	-		
Shannopin Mining Co. Shannopin Mine (a)	Greene	Pittsburgh	76	-	-	-	-	Gas.	-	-	50	260	-	6,000	-		
DISTRICT TOTAL													-	6,472	-		

Note: * Unreadable on form submitted from operator

(a) # 2 Air Shaft 191'
 # 3 Air Shaft 449'
 Steele Intake 448'
 Steele Exhaust 482'

DISTRICT 10

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
				Shaft Depth	Slope					Open	Safety	Elec- tric	Ammonium Nitrate	Dynamite	
					Length	Degrees									
Hawkview Mining Co. Barbara Mine No. 1	Somerset	UK	44	-	-	-	Drift	-	Nongas.	-	18	59	-	-	-
Lion Mining Co. Grove Mine No.1	Somerset	UK	48	-	-	-	Drift	Gas.	-	-	15	58	-	-	-
Pelesmitco, Inc. Pelesmitco, No. 1	Somerset	UK	73	-	-	-	Drift	Gas.	-	-	6	18	-	-	-
Quemahoning Collieries Mine No. 1	Somerset	UK	32-36	28'	-	-	Drift	-	Nongas.	-	2	6	-	500	-
Reitz Coal Co. Camp Hamilton No. 24	Somerset	LK	42	-	-	-	Drift	-	Nongas.	-	-	-	-	-	-
Delta No. 25	Somerset	LK	72	-	-	-	Drift	-	Nongas.	-	-	-	-	-	-
Solar Fuel Co., Inc. Solar No. 7	Somerset	UK	46	-	-	-	Drift	Gas.	-	-	13	70	-	875	-
Solar No. 10	Somerset	UK	38	-	-	-	Drift	-	Nongas.	-	-	-	-	-	-
TOTAL												-	875	-	
Spewock, Theodore Clark Hollow Mine	Westmoreland	LF	48	-	-	-	Drift	-	Nongas.	-	-	-	-	-	-
DISTRICT TOTAL												-	1,375	-	

Note:

Symbols for Geological Name of Coal Bed:

- UK - Upper Kittanning
- LK - Lower Kittanning
- LF - Lower Freeport

DISTRICT 11

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	Gas	Non- Gas	Flame	Elec- tric	Ammonium Nitrate	Dynamite	
				Depth	Length	Degrees	Drift								
Beth Energy Mines, Inc. Cambria Slope Mine No. 38	Cambria	UK LK	36-48 42-60	820' 628' 640' 801' 451' 475' 660' 734'	3,000'	17°	-	Gas.	-	-	250	800	-	-	3,000
Harmony Mining Co. (a) J & D Mining Inc. (a)	Cambria	LF	40	-	-	-	-	Nongas.	-	-	-	-	-	-	-
Miller Run No. 2	Somerset	UK	40	-	-	-	Drift	-	Nongas.	-	-	-	-	-	-
Mountain Top Mining, Inc. Khristy	Somerset	UK	38	-	-	-	Drift	-	Nongas.	-	-	-	-	-	-
DISTRICT TOTAL												-	-	3,000	

Note: (a) Limited data taken from 1987 annual publication. No annual received for 1988 from operator.

Symbols for Geological Name of Coal Bed:

- UK - Upper Kittanning
- LK - Lower Kittanning
- LF - Lower Freeport

DISTRICT 12

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	Gas- eous	Non- Gas- eous	Open	Flame Safety	Elec- tric		Ammonium Nitrate	Dynamite
				Depth	Length	Degrees										
Florence Mining Co., The																
Florence No. 1 (Blacklick)	Indiana	LK	-	-	-	-	Drift	Gas.	-	-	5	5	-	-	-	-
Florence No. 1 (Robinson)	Indiana	LK	-	325'	1,250'	16° 31'	Drift	Gas.	-	-	-	-	-	292*	-	-
Florence No. 2	Indiana	UF and	72	110'	520'	11	-	Gas.	-	-	94	300	-	250	-	-
		LF	42	393'	940'	2° 52'										
Heshbon Mine	Indiana	LF	48	-	-	-	Drift	Gas.	-	-	24	95	-	-	-	-
DISTRICT TOTAL												-	542	-		

Note: * Sticks

Symbols for Geological Name of Coal Bed:

LK - Lower Kittanning

UF - Upper Freeport

LF - Lower Freeport

DISTRICT 13

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			
				Shaft		Slope		Drift	Gas- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length	Length	Degrees								
Canterbury Coal Co. Dianne Mine	Armstrong	LK	56	125'	1,150'	6°	-	Gas.	-	-	30*	110#	-	-	500@
David Mine	Armstrong	TF	108	-	-	-	Drift	Gas.	-	-	30*	110#	-	-	1,000@
											TOTAL				1,500
Loyal Creek Coal Loyal Creek No. 4	Armstrong	UF	48	-	-	-	Drift	-	Nongas.	-	2	12	-	-	-
Tunnelton Mining Co. Marion Mine	Westmoreland	UF	48-60	263' 525'	980'	16° 30'	-	Gas.	-	-	90*	285b	-	-	40c
DISTRICT TOTAL												-	-	1,540	

Note: * Koehler
Wheat
@ TOVEX
b Caps
c Atlas 70 Emulsion

Symbols for Geological Name of Coal Bed:

LK - Lower Kittanning
TF - Thick Freeport
UF - Upper Freeport

DISTRICT 14

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
				Shaft	Slope					Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length	Degrees									
Darmac Associates Corp. Darmac No. 1 Mine	Armstrong	UF	32	-	-	-	Drift	-	Nongas.	-	10	60	-	-	-
Keystone Coal Mining Corp. Jane Mine	Armstrong	LF	54	-	335'	16°	-	Gas.	-	-	90	310	-	-	1,620
Emilie No. 4	Armstrong	UF	42	108'	942'	9°	-	Gas.	-	-	39	138	-	-	-
DISTRICT TOTAL												-	-	1,620	

Note: Symbols for Geological Name of Coal Bed:

LF - Lower Freeport

UF - Upper Freeport

DISTRICT 15

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used			
				Shaft	Slope					Drift	Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
					Depth	Length										
Helvetia Coal Co.																
Lucerne 8	Indiana	UF	58	88'	338'	16°	15'	-	Gas.	-	-	50	162	-	-	240(a)
Lucerne 9	Indiana	LF	66	-	285'	16°		-	Gas.	-	-	47	47	-	-	610(a)
																510(b)
DISTRICT TOTAL												-	-	1,360		

Note: (a) TOVEX
(b) Caps

Symbols for Geological Name of Coal Bed:
UF - Upper Freeport
LF - Lower Freeport

DISTRICT 16

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			
				Shaft		Slope		Drift	Gas-	Non-	Open	Flame	Elec-	Ammonium	Dynamite	Other Permis- sible (Name)
				Depth	Length	Degrees	Drift	eous	eous							
Keystone Coal Mining Co.																
Urling No. 1	Indiana	LF	54	332'	1,250'	16°	15'	-	Gas.	-	-	75	256	-	-	30*
Urling No. 2	Indiana	UF	41	256'	900'	16°		-	Gas.	-	-	20	85	-	-	330*
Urling No. 3	Indiana	LF	54	209'	2,800'	4°		-	Gas.	-	-	39	154	-	-	150*
DISTRICT TOTAL												-	-	510		

Note: * TOVEX

Symbols for Geological Name of Coal Bed:

UF - Upper 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			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used			
				Shaft	Slope					Drift	Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
					Depth	Length										
Helvetia Coal Co. Lucerne Mine No. 6	Indiana	UF	60	-	-	16°	-	Gas.	-	73	285	-	-	800*		
Helen Mining Co., The Homer City Mine	Indiana	UF	48	636'	2,100'	15°	-	Gas.	-	140	520	-	-	2,000(a)		
			46	620'	2,700'	16°	-	Gas.	-					326(a)		
DISTRICT TOTAL												-	-	3,126		

Note: * Caps
@ TOVEX

Symbols for Geological Name of Coal Bed:
UF - Upper Freeport

DISTRICT 18

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
				Shaft	Slope					Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
					Depth	Length									
Mears Enterprises															
Crooked Creek No. 2	Indiana	LF	32	-	-	-	Drift	-	Nongas.	-	6	20	-	-	-
Tanoma Mining Co., Inc.															
Tanoma Mine	Indiana	LK	38	180'	752'	15°	-	Gas.	-	-	70	225	-	93	-
Valley Coal Co.															
Valley No. 11 Mine	Indiana	LF	42	-	-	-	Drift	Gas.	-	-	6	24	-	-	-
Valley No. 14 Mine	Indiana	LF	42	-	-	-	Drift	-	Nongas.	-	4	15	-	-	-
Valley No. 16 Mine	Indiana	LF	42	-	-	-	Drift	-	Nongas.	-	4	12	-	-	-
DISTRICT TOTAL												-	93	-	

Symbols for Geological Name of Coal Bed:

LF - Lower Freeport

LK - Lower Kittanning

DISTRICT 19

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				
				Shaft		Slope		Drift	Gas- Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Depth	Length	Degrees											
Pennsylvania Mines Corp./ Rochester & Pittsburgh Coal Co. Greenwich No. 2 (South Portal)	Indiana	LF	47	624'													
				493'													
				416'													
				642'													
512'	-	-	Drift Gas.	-	-	93	275	-	200	Atlas 7-D							
Greenwich No. 2 (580 Portal)	Indiana	LF	51	408'	-	-	Drift Gas.	-	-	74	233	-	200	Atlas 7-D			
DISTRICT TOTAL												-	400	-			

Symbols for Geological Name of Coal Bed:
LF - Lower Freeport

DISTRICT 20

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			
				Shaft		Slope		Drift	Gas- eous	Non- Gas- eous	Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length	Degrees	Drift									
Doverspike Bros. Coal Co. Dora 6	Jefferson	LK	30	-	200'	9°	-	-	Nongas.	-	25	50	-	-	-	
Sugar Camp No. 2	Jefferson	LK	35	-	-	-	-	Drift	-	Nongas.	-	22	44	-	-	
Kennedy Coal Co. Mine No. 2	Jefferson	LF	27	-	-	-	-	Drift	-	Nongas.	-	4	12	-	-	
Keystone Coal Mining Co. Emile	Armstrong	UF	42	137'	245'	16°	-	-	-	-	87	325	-	-	1,080(a)	
Margaret No. 11	Armstrong	UF	42	-	385'	9°	-	Gas.	-	-	26	90	-	-	-	
												TOTAL	-	-	1,080	
Nats Creek Mining Co., Inc. Spaces Corner Mine	Armstrong	UF	40	-	-	-	-	Drift	-	Nongas.	-	6	20	-	-	
O'Donnell Coal Co. O'Donnell No. 3	Indiana	UF	36	-	-	-	-	Drift	Gas.	-	-	13	46	-	89(a)	
												DISTRICT TOTAL	-	-	1,169	

Note: (a) TOVEX

Symbols for Geological Name of Coal Bed:

UF - Upper Freeport
LF - Lower Freeport
LK - Lower Kittanning

DISTRICT 21

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
				Slope		Drift				Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length										
Hillsdale Mining Co., Inc. Hillsdale No. 1 Mine	Cambria	-	36	-	-	-	Drift	-	Nongas.	-	4	15	-	-	-
Kniseley Coal Co. Kniseley Mine	Jefferson	LF	54	-	-	-	Drift	-	Nongas.	-	3	5	-	-	-
Manor Mining & Contracting Corp. Manor No. 44	Clearfield	LK	36	-	-	-	Drift	-	Nongas.	-	4	14	-	-	-
Mears Enterprises, Inc. Bear Run No. 2	Indiana	Clarion	46	-	-	-	Drift	-	Nongas.	-	6	20	-	-	-
Rushton Mining Co. Rushton Mine	Centre	Brookville	55	-	610	16°	-	Gas.	-	-	68	270	-	150	300
DISTRICT TOTAL												-	150	300	

Symbols for Geological Name of Coal Bed:

LF - Lower Freeport
LK - Lower Kittanning

DISTRICT 22

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used			
				Shaft Depth	Slope					Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
					Length	Degrees									Open	Safety
Bird Coal Co.																
Bird No. 2	Somerset	UK	42-44	-	-	-	Drift	Gas.	-	-	2	4	-	-	-	-
Bird No. 3	Cambria	LK	42-50	-	520'	20°	-	Gas.	-	-	2	2	-	-	-	-
Beth Energy Mines, Inc.																
Mine No. 78	Somerset	UK	48	-	-	-	Drift	Gas.	-	-	14	50	-	-	-	-
J & D Mining, Inc.																
Miller Run No. 2	Somerset	UK	48-40	-	-	-	Drift	-	Nongas.	-	10	30	-	-	-	-
Longwall Mining, Inc.																
Longwall No. 1	Cambria	UK	46	-	-	-	Drift	-	Nongas.	-	4	9	-	-	-	-
Mountain Top Mining, Inc.																
Khristy No. 1	Somerset	UK	36	-	-	-	Drift	-	Nongas.	-	2	8	-	15,000	-	-
Trent Coal, Inc.																
Hritz	Somerset	UK	33	-	-	-	Drift	-	Nongas.	-	5	11	-	-	20	-
Rice	Cambria	LF	40	-	-	-	Drift	-	Nongas.	-	9	25	-	-	75	-
TOTAL												-	95	-		
DISTRICT TOTAL												-	15,095	-		

Symbols for Geological Name of Coal Bed:

UK - Upper Kittanning
 LK - Lower Kittanning
 LF - Lower Freeport