

# **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	Non- Gas	Number and Type Lamps Used			Pounds of Explosives Used				
				Shaft Depth	Slope					Drift	Gas	Non- Gas	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
					Length	Degrees											
New Warwick Mining Co. Warwick Mine No. 3	Greene	Sewickley	62	417'	-	-	Drift	Gas	-	-	46	145	-	300	-		
Shannopin Mining Co. Shannopin Mine	Greene	Pittsburgh	76	-	-	-	-	Gas	-	-	55	275	-	3,800	-		
U.S. Steel Mining Co., Inc. Cumberland Mine	Greene	Pittsburgh	78	749'													
				695'													
				716'	2,577'	16	-	Gas	-	-	105	350	-	-	-	-	
				724'													
			78	672'													
				671'													
				744'	2,194'	17	-	-	-	-	-	-	-	-	-		
<b>DISTRICT TOTAL</b>												-	4,100	-			

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-	Non-	Flame	Elec-	Ammonium	Other	
				Depth	Length	Degrees	Drift	eous	eous	Open					Safety
Consol. Pa. Coal Co. Bailey Mine	Greene	Pittsburgh #8	78	571'	2,150'	14	-	Gas	-	-	90	435	-	-	1,200*
Enlow Fork Mining Co. Enlow Fork Mine	Greene	Pittsburgh #8	67	526'	2,067'	16.5	-	Gas	-	-	94	410	-	-	400*
<b>DISTRICT TOTAL</b>												-	-	1,600	

Note: \* Tovex

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-	Non-	Number and Type Lamps Used			Pounds of Explosives Used					
				Shaft		Slope				Drift	Gas-	Gas-	Open	Flame	Elec-	Ammonium	Dynamite	Other Permis- sible (Name)
				Depth	Length	Degrees												
B & M Coal Co. B & M No. 2 Mine	Greene	Sewickley	52	-	-	-	Drift	-	Non	-	6	15	-	-	-			
Dunkard Mining Co. Dunkard Mine	Greene	Sewickley	55	-	-	-	Drift	Gas	-	-	12	36	-	-	-			
Eberhart Coal Co. Titus Mine	Greene	Sewickley	48	-	-	-	Drift	-	Non	-	-	-	-	-	-			
Genesis, Inc. Meadow Run Mine	Greene	Sewickley	60	-	-	-	Drift	-	Non	-	6	32	-	-	-			
Petitte Coal Co., J. J. Petitte No. 1	Greene	Sewickley	48	300	100	20	Drift	-	Non	-	-	-	-	-	-			
Red Bone Mining Co., Inc. Mathews Mine	Greene	Sewickley	46	-	-	-	Drift	-	Non	-	5	13	-	-	-			
Target Industries, Inc. Target No. 1	Greene	Sewickley	55	-	-	-	Drift	-	Non	-	14	44	-	200	-			
<b>DISTRICT TOTAL</b>												-	200	-				

DISTRICT 4

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 Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length	Degrees	Drift									
Consolidation Coal Co. Dilworth Mine	Greene	Pittsburgh	8	-	609'	-	-	-	-	-	-	-	-	-	-	
			-	-	521'	-	-	-	-	-	-	-	-	-	-	
			-	-	333'	-	-	-	-	-	-	-	-	-	-	-
			84	-	161'	-	-	-	-	-	-	-	-	-	-	-
				84	618'	788'	16	-	Gas	-	-	82	435	-	-	-
Cyprus Emerald Resources Corp. Emerald Mine No. 1	Greene	Pittsburgh	72	655'	2,200'	16	-	Gas	-	-	125	450	-	-	450*	
													-	-	280#	
DISTRICT TOTAL												-	-	730		

Note: \* Red Gel  
# Austin

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										
Beth Energy Mines, Inc. Mine No. 84	Washington	Pittsburgh	66	305' 590'	1,270'	17	-	Gas	-	-	85	480	-	-	1,500#	
Cherry Valley Industries Pennbalt No. 1	Washington	Pittsburgh	144	-	-	-	Drift	-	Non	-	5	25	-	-	-	
Mohawk Mining Co. Maude Mine	Allegheny	Pittsburgh	66	-	-	-	Drift	-	Non	-	3	4	-	-	-	
Morgan Energy Co. Rykat Mine	Washington	Pittsburgh No. 8	48	-	-	-	Drift	-	Non	-	3	-	-	13,350	-	
Pittsburgh Mining Co., Inc. Penn Balt No. 1 Mine	Washington	Pittsburgh	60	-	-	-	Drift	Gas	-	-	6	29	-	-	-	
Mathies Coal Co. Mathies Mine	Washington	Pittsburgh No. 8	66	-	-	-	Drift	Gas	-	-	6	6	-	-	-	
DISTRICT TOTAL												-	13,350	1,500		

Note: # TOVEX

DISTRICT 6

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used			Other Permis- sible (Name)
				Shaft	Slope		Drift	Gas			Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite		
					Depth	Length										Degrees	
Dynamic Recovery, Inc. Pitt Gas Mine	Greene	Pitts 8	72	-	-	-	Drift	Gas	-	-	-	-	-	-	-	-	-
I. T. E. C. Clyde Mine	Washington	Pitts 8	126	-	-	-	Drift	Gas	-	-	-	-	-	-	-	-	-
Jedco Minerals, Inc. Ocean 5 Mine	Allegheny	Pitts.	60	-	-	-	Drift	Gas	-	-	-	-	-	-	-	-	-
U.S. Steel Mining Co. Maple Creek Mine	Washington	Pitts	63	-	-	-	Drift	Gas	-	-	-	-	-	-	-	-	-
										TOTAL			-	-	-	-	
										DISTRICT TOTAL			-	-	-	-	

Note: Limited data taken from monthly reports received from the mine inspector. No annual received from the operators.

DISTRICT 7

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Non- Gas- eous	Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
				Shaft	Slope		Drift	Flame			Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
					Depth	Length									Degrees	
Helvetia Coal Co.																
Lucerne Mine 6E	Indiana	U.F.	48	-	-	-	Drift	Gas	-	-	30	120	-	-	50	74*
Lucerne Mine 8	Indiana	U.F.	51	88'	338'	16°15'	-	Gas	-	-	45	162	-	-	-	240#
Lucerne Mine 9	Indiana	L.F.	66	-	285'	16	-	Gas	-	-	43	43	-	-	57	68*
<b>TOTAL</b>												-	107	382		
<b>DISTRICT TOTAL</b>												-	107	382		

Note: \* Blasting Caps  
# 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 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		Other Permis- sible (Name)
				Shaft	Slope					Flame	Elec- tric	Ammonium Nitrate	Dynamite		
				Depth	Length	Degrees								Open	
Creighton Hills Coal Co., Inc. Carol Mine	Butler	U. Freeport	48	-	-	-	Drift	Gas	-	-	4	7	-	-	-
Fawn Mining Corp. Fawn Mine	Butler	U. Freeport	52	-	-	-	Drift	Gas	-	-	-	-	-	-	-
Keystone Coal Mining Corp. Marget 11 - No. 2 Portal	Armstrong	U. Freeport	54	-	-	-	Drift	Gas	-	-	29	100	-	-	-
Loyal Creek Coal Loyal Creek No. 4	Armstrong	U. Freeport	48	-	-	-	Drift	-	Non	-	2	12	-	-	-
Penn Allegh. Coal Co., Inc. Allegh. 2 - Portal 3	Allegheny	U. Freeport	52	-	-	-	Drift	Gas	-	-	50	200	-	50*	-
Triple K Coal Co. Triple K Mine 1	Allegheny	U. Freeport	60	-	-	-	Drift	-	Non	-	3	6	-	-	-
<b>DISTRICT TOTAL</b>												-	50	-	

Note: \* DuPont Tovex

DISTRICT 9

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
				Shaft	Slope		Drift	Open			Flame	Elec- tric	Ammonium Nitrate	Dynamite		
				Depth	Length	Degrees	Drift									
Keystone Coal Mining Corp.																
Emilie Mine	Armstrong	U F	42	-	-	-	Drift	Gas	-	-	-	-	-	-	-	-
Emilie No. 4	Armstrong	U F	42	-	-	-	Drift	Gas	-	-	-	-	-	-	-	-
Jane Mine	Armstrong	L F	42	-	-	-	Drift	Gas	-	-	-	-	-	-	-	-
TOTAL												-	-	-		
DISTRICT TOTAL												-	-	-		

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

Limited data - no annual received from operator.

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			
				Shaft Depth	Slope					Drift	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
					Length	Degrees										
Darmac Associates Corp. Chicora No. 2	Butler	U.F.	48-60	-	-	-	Drift	-	Non	-	10	60	-	-	-	
Doverspike Bros. Coal Co. Clutch Run	Jefferson	L.K.	29	-	-	-	Drift	-	Non	-	6	15	-	-	-	
Dora 6	Jefferson	L.K.	31	-	200'	9	-	-	Non	-	28	60	-	-	-	
Sugarcamp 2	Jefferson	L.K.	34	-	-	-	Drift	-	Non	-	22	38	-	-	-	
Kennedy Coal Co. Kennedy No. 4	Jefferson	L.F.	26-30	-	-	-	Drift	-	Non	-	-	-	-	-	-	
Lin-Son Coal Co. Cannel No. 1	Armstrong	Unknown	-	-	-	-	-	-	Non	-	-	-	-	-	-	
Nats Creek Mining Co. Spaces Corner Mine	Armstrong	U.F.	38	-	-	-	Drift	-	Non	-	7	-	-	-	-	
Powder Mill Coal Corp. Powder Mill Mine	Armstrong	Unknown	-	-	-	-	-	-	Non	-	-	-	-	-	-	
Rosebud Mining Co. Rosebud No. 3 Mine	Armstrong	Clarion	34	-	-	-	Drift	-	Non	-	12	12	-	-	-	
DISTRICT TOTAL												-	-	-		

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 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		
				Shaft		Slope		Drift	Gas	Non- Gas-	Flame	Elec-	Ammonium	Dynamite	Other Permis- sible (Name)
				Depth	Length	Degrees	Drift	eous	eous	Open					
Florence Mining Co. Heshbon Mine	Indiana	L.F.	46	-	-	-	Drift	Gas	-	-	37	104	-	-	-
Helen Mining Co., The Homer City Mine	Indiana	U.F.	46	620'	2,700	16	-	Gas	-	-	46	251	-	1,800*	-
													-	7,250#	-
													-	9,050	-
Tunnelton Mining Co. No. 1 Portal	Indiana	U.F.	49-62	263' 525'	980'	16°30'	-	Gas	-	-	88	277	-	-	-
DISTRICT TOTAL												-	9,050	-	

Note: \* Rock Buster  
# Coalmex 14-E

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	Height of Seam Inches	Kind of Opening			Drift	Gas	Non- Gas	Number and Type Lamps Used			Pounds of Explosives Used			
				Slope		Drift				Gas	Gas	Flame	Elec	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length											
Darmac Associates Corp.																
Darmac No. 1	Armstrong	U.F.	32	-	-	-	Drift	Gas	-	-	10	60	-	-	-	
Darmac No. 2	Armstrong	U.F.	32-34	-	-	-	Drift	Gas	-	-	10	60	-	-	-	
Darmac No. 3	Armstrong	U.F.	32	-	-	-	Drift	Gas	-	-	10	60	-	-	-	
											TOTAL		-	-	-	
Mears Enterprises, Inc.																
Penn Run Mine	Indiana	U.F.	32	-	-	-	Drift	Gas	-	-	10	24	-	-	-	
Tanoma Mining Co., Inc.																
Tanoma Mine	Indiana	L.K.	38	180'	752'	150	-	Gas	-	-	51	175	-	-	-	
Valley Coal Co.																
Leonard Run I	Indiana	L.K.	42-48	-	-	-	Drift	-	Non	-	8	32	-	-	-	
Valley II	Indiana	L.F.	42	-	-	-	Drift	-	Non	-	3	4	-	-	-	
											DISTRICT TOTAL		-	-	-	

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 Inches	Kind of Opening							Number and Type Lamps Used			Pounds of Explosives Used			
				Shaft		Slope		Drift	Gas	Non-	Flame	Elec-	Ammonium	Dynamite	Other Permis- sible (Name)		
				Depth	Length	Degrees	Drift	eous	eous	Open						Safety	tric
Beth Energy Mines, Inc.																	
Cambria Slope Mine No. 33	Cambria	U. Kittanning	36-48	820'	-	-	-	-	-	-	-	-	-	-	-	-	-
		L. Kittanning	42-60	628'	3,000'	17	-	-	Non	-	102	471	-	-	-	-	1,092*
				640'	-	-	-	-	-	-	-	-	-	-	-	-	650#
				801'	-	-	-	-	-	-	-	-	-	-	-	-	-
				451'	-	-	-	-	-	-	-	-	-	-	-	-	-
				475'	-	-	-	-	-	-	-	-	-	-	-	-	-
				660'	-	-	-	-	-	-	-	-	-	-	-	-	-
				734'	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>DISTRICT TOTAL</b>												-	-	1,742			

Note: \* Colamex  
# Rock Buster

DISTRICT 15

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 Depth	Slope		Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
					Length	Degrees									Drift		
Greenwich Collieries, Div. of Pa Mines																	
Greenwich 2-580 Portal	Indiana	L.F.	52	408'	-	-	Drift	Gas	-	-	55	255	-	-	-	-	-
Greenwich 2-S. Portal	Indiana	L.F.	52	624'	-	-	-	-	-	-	-	-	-	-	-	-	-
				416'	-	-	-	-	-	-	-	-	-	-	-	-	-
				512'	-	-	-	-	-	-	-	-	-	-	-	-	-
				493'	-	-	Drift	Gas	-	-	70	430	-	-	(a)	-	-

Note: (a) 9# Austin Rock Buster  
143 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 16

Operators and Mines/ or Surface Mine Permit No.	County	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening				Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
				Shaft	Slope		Drift			Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	
					Depth	Length									
Hillsdale Mining Co. Hillsdale Mine 1	Cambria	M.K.	36	-	-	-	Drift	-	Non	-	4	12	-	-	-
Knisely Coal Co. Knisely Mine	Jefferson	L.F.	54	-	-	-	Drift	-	Non	-	2	6	-	-	-
Manor Mining & Contracting Corp. Manor No. 44	Clearfield	L.K.	36	-	-	-	Drift	-	Non	-	4	15	-	-	-
Mears Enterprises, Inc. Bear Run No. 2	Indiana	Clarion	46	-	-	-	Drift	-	Non	-	4	10	-	-	-
Rushton Mining Co. Rushton Mine	Centre	Brookville	60	220' 260'	- 750	- 16	- -	- Gas	- -	- -	- 42	- 250	- -	- -	- -

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 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 Lamps Used					Pounds of Explosives Used		
				Shaft		Slope		Drift	Gas- eous	Non- Gas- eous	Lamps Used		Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Depth	Length	Degrees	Drift	Open			Safety	Elec- tric				
Beth Energy Mines, Inc. Mine No. 78	Somerset	U.K.	48	-	-	-	Drift	Gas	-	-	2	3	-	-	-	
Florence Mining Co. Florence No. 2 Mine	Indiana	L.F. U.F.	46 72	393' 110'	940' 520'	2°52' 11	- -	- Gas	- -	- -	- -	- -	- -	- -	- -	
Lion Mining Co. Grove 1 Mine	Somerset	U.K.	48	-	-	-	Drift	Gas	-	-	20	75	-	-	-	
Grove 1E	Somerset	U.F.	48	-	-	-	Drift	-	Non	-	5	10	-	-	-	
Meadows & Leonard Mining Inc. Longwall No. 1	Cambria	U.K.	46	-	-	-	Drift	-	Non	-	4	9	-	-	-	
Quemahoning Collieries Mine No. 1	Somerset	U.K.	36-44	28	-	-	Drift	-	Non	-	10	30	-	-	-	
Trent Coal Inc. Rice No. 2	Cambria	L.F.	40	-	-	-	Drift	-	Non	-	11	38	-	140	-	
												<b>TOTAL</b>		-	140	-
												<b>DISTRICT TOTAL</b>		-	140	-

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 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				Drift	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length	Degrees										
Gemini Mining Corp. Solar No. 10	Somerset	U.K.	36	-	-	-	Drift	Gas	-	-	16	-	-	-	-	
J & D Mining, Inc. Miller Run No. 2	Somerset	U.K.	38-40	-	-	-	Drift	-	Non	-	10	-	-	-	-	
Lion Mining Co. Mine No. 37	Somerset	L.F.	32	-	-	-	Drift	-	Non	-	6	20	-	-	-	
Pelesmitco, Inc. Pelesmitco No. 1	Somerset	U.K.	72	-	-	-	Drift	-	Non	-	8	28	-	150	-	
Paradise Mine	Somerset	U.F.	60	-	-	-	Drift	-	Non	-	8	30	-	-	-	
												<b>TOTAL</b>	-	150	-	
Reitz Coal Co. Camp Hamilton No. 24 Mine	Somerset	L.K.	42	-	-	-	Drift	-	Non	-	-	-	-	-	-	
RoxCoal, Inc. Barbara No. 1	Somerset	U.K.	44	-	-	-	Drift	-	Non	-	20	60	-	-	-	
Diamond T C Mine	Somerset	M.K.	44	-	-	-	Drift	-	Non	-	40	95	-	-	-	
Solar Fuel Co., Inc. Solar No. 7	Somerset	U.K.	42	-	-	-	Drift	Gas	-	-	10	60	-	500	-	
												<b>TOTAL</b>	-	500	-	
												<b>DISTRICT TOTAL</b>	-	650	-	

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