

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-	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)	
				Shaft	Slope					Gas-	Gas-	Flame	Elec-	Ammonium		Dynamite
					Depth	Length										
New Warwick Mining Co. Warwick No. 3 Mine	Greene	Sewickley	62	417'	-	-	Drift	Gas	-	-	46	145	-	300	-	
Shannopin Mining Co. Shannopin Mine	Greene	Pittsburgh	84	475'	-	-	Drift	Gas	-	-	25	250	-	50	-	
U.S. Steel Mining Co., Inc. Cumberland Mine	Greene	Pittsburgh	78	749'												
				695'												
				716'	2,577'	16	-	Gas	-	-	90	350	-	-	-	
				724'												
				672'												
		Pittsburgh	78	671'												
				744'	2,194'	17	-	-	-	-	-	-	-	-	-	
DISTRICT TOTAL												-	350	-		

DISTRICT 2

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
Consol. Penna. Coal Co. Bailey Mine	Greene	Pittsburgh #8	78	571'	2,150'	14	-	Gas	-	-	90	435	-	-	-
Enlow Fork Mining Co. Enlow Fork Mine	Greene	Pittsburgh #8	67	526' 872' 783'	2,067'	16	-	Gas	-	-	99	410	-	-	*
DISTRICT TOTAL												-	-	-	

Note: * Tovex
Rockdust

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	Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
					Depth	Length										
B & M Coal Co. B & M Mine No. 2	Greene	Sewickley	52	-	-	-	Drift	-	Non	-	6	15	-	-	-	
Dunkard Mining Co. Dunkard Mine	Greene	Sewickley	55	-	-	-	Drift	Gas	-	-	12	31	-	-	-	
Eberhart Coal Co., George R. Titus Mine	Greene	Sewickley	48	-	-	-	Drift	-	Non	-	-	-	-	-	-	
Genesis, Inc. Meadow Run Mine	Greene	Sewickley	60	-	-	-	Drift	-	Non	-	6	32	-	-	-	
Petitite Coal Co., J. J./Pitt Energy, Inc. (a)	Greene	Sewickley	48	-	-	-	Drift	-	Non	-	-	-	-	-	-	
Red Bone Mining Co., Inc. Mathews Mine	Greene	Sewickley	45	-	-	-	Drift	-	Non	-	5	11	-	-	-	
Target Industries, Inc. Target No. 1	Greene	Sewickley	55	-	-	-	Drift	-	Non	-	14	44	-	200	-	
DISTRICT TOTAL												-	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			Drift	Gas	Non- Gas	Non- Gaseous	Number and Type Lamps Used			Pounds of Explosives Used			
				Shaft	Slope						Open	Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Depth	Length	Degrees											
Consolidation Coal Co. Dilworth Mine	Greene	Pittsburgh #8	84	609'													
				521'													
				333'													
				618'	789'	16		Gas	-	-	82	435	-	-	-		
				1,161'	638'		-										
Cyprus Emerald Resources Corp. Emerald Mine No. 1	Greene	Pittsburgh	72	655'	2,200'	16	-	Gas	-	-	125	450	-	-	450(a) 280*		
DISTRICT TOTAL													-	-	730		

Note: (a) 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 Depth	Slope					Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
					Length	Degrees									Open
Beth Energy Mines, Inc. Mine No. 84	Washington	Pittsburgh Seam	68-96	500'	146'	170	-	Gas	-	-	36	450	-	1,650	200#
Morgan Energy Co. Avella No. 1 Mine	Washington	Pittsburgh No. 8	57	-	-	-	Drift	-	Non	-	3	-	-	-	-
Mohawk Mining Co. Maude Mine (a)	Allegheny	Pittsburgh	66	-	-	-	Drift	-	Non	-	3	4	-	-	-
Pittsburgh Mining Co., Inc. Pennbalt No. 1 Mine	Washington	Pittsburgh	180	-	-	-	Drift	Gas	-	-	6	30	-	-	-
DISTRICT TOTAL												-	1,650	200	

Note: # Rock Buster
(a) Mine Idle

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	Flame	Elec- tric			Ammonium Nitrate	Dynamite				
				Depth	Length	Degrees							Drift	Open	Safety	
Dynamic Recovery, Inc. Lazarus Mine	Greene	Pittsburgh	72	430' 650'	17	-	-	Gas	-	-	10	25	-	-	-	
Interstate Thermal Energy Conversion Corp. Clyde Mine	Washington	Pittsburgh	84	126'	-	-	Drift	Gas	-	-	22	97	-	-	-	
Mathies Coal Co. Mathies Mine	Washington	Pittsburgh	66	-	-	-	Drift	Gas	-	-	5	5	-	-	-	
U.S. Steel Mining Co., Inc. Maple Creek Mine	Washington	Pittsburgh	63	410' 259' 268' 250' 382' 251'	915'	3	Drift	Gas	-	-	84	480	-	-	-	
DISTRICT TOTAL													-	-	-	

DISTRICT 7

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 Drift	Gas- eous	Non- Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
					Length	Degrees										
Helvetia Coal Co.																
Lucerne 6E Mine	Indiana	U.F.	48	-	-	-	Drift	-	Non	-	40	125	-	-	-	a
Lucerne No. 8 Mine	Indiana	U.F.	50	88'	338'	16°15'	-	Gas	-	-	45	162	-	-	-	-
Lucerne No. 9 Mine	Indiana	U.K.	66	-	285'	16	-	Gas	-	-	36	120	-	-	-	a
DISTRICT TOTAL												-	-	-		

Note: a Blasting 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 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 Depth	Slope					Drift	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
					Length	Degrees										
Canterbury Coal Co. David Mine	Armstrong	Thick Freeport	108	-	-	-	Drift	Gas	-	-	20	40	-	-	-	
Creighton Hills Coal Co., Inc. Carol Mine (a)	Butler	U.F.	48	-	-	-	Drift	Gas	-	-	4	7	-	-	-	
Keystone Coal Mining Corp. Margaret No. 11 #2 Portal	Armstrong	U.F.	54	-	-	-	Drift	Gas	-	-	30	100	-	-	-	
Loyal Creek Coal Loyal Creek No. 4	Armstrong	U.F.	48	-	-	-	Drift	-	Non	-	2	12	-	-	-	
Penn Allegh. Coal Co., Inc. Allegh. #2 & 3 Portal, (b) Allegheny	U.F.	U.F.	52	-	-	-	Drift	Gas	-	-	-	-	-	-	-	
DISTRICT TOTAL												-	-	-		

Note: (a) Mine sealed 3/25/92
(b) Mine sealed 9/2/92

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 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 Depth	Slope		Drift Drift			Flame Open	Elec- tric	Ammonium Nitrate	Dynamite			
					Length	Degrees										
Keystone Coal Mining																
	Emilie	Armstrong	U.F.	42	137'	245'	16°15'	Drift	Gas	-	-	92	296	-	-	-
	Emilie No. 4	Armstrong	U.F.	44	108'	1,045'	16°15'	-	Gas	-	-	39	138	-	-	-
					270'											
					197'											
					345'											
	Jane Mine	Armstrong	U.K.	54	-	335'	16°15'	-	Gas	-	-	57	194	-	500	-
DISTRICT TOTAL												-	500	-		

Note: Symbols for Geological Name of Coal Bed:

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- LF - Lower Freeport

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	Slope					Drift	Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
					Depth	Length										
Cannel Coal Co., Inc. Cannel Mine No. 1	Armstrong	Cannel	144	-	-	-	Drift	-	Non	-	2	15	-	-	-	
Darmac Assoc. Corp. Chicora No. 2 Mine (a)	Butler	U.F.	-	-	-	-	Drift	-	Non	-	-	-	-	-	-	
Doverspike Bros. Coal Co. Dora Mine No. 6	Jefferson	L.K.	32	-	-	-	-	-	Non	-	28	60	-	-	-	
Sugarcamp No. 2	Jefferson	L.K.	34	-	-	-	Drift	-	Non	-	18	34	-	-	-	
Hayes Run Coal Co. Spaces Corner Mine (a)	Armstrong	U.F.*	-	-	-	-	Drift*	-	Non*	-	-	-	-	-	-	
Kennedy Coal Co. Kennedy #4 Mine Portal #2	Jefferson	L.F.	28	-	-	-	Drift	-	Non	-	-	-	-	-	-	
Rosebud Mining Co. Rosebud No. 3	Armstrong	Clarion	33	-	-	-	Drift	-	Non	-	12	30	-	-	-	
DISTRICT TOTAL												-	-	-		

Note: (a) Limited data, no annual received from operator.
* Estimated

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 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										
Canterbury Coal Co. Dianne Mine	Armstrong	L.K.	50	125'	1,150'	10	-	Gas	-	-	35	100	-	-	-	
Keystone Coal Mining Corp. Urling No. 1	Indiana	U.K.	54	332'	1,250'	16°15'	-	Gas	-	-	74	255	-	35	(a)	
T.J.S. Mining, Inc. No. 1 Mine	Armstrong	U.F.	37	-	-	-	-	-	Non	-	10	24	-	-	-	
DISTRICT TOTAL												-	35	-		

Note: (a) Tovex

Symbols for Geological Name of Coal Bed:

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- 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			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
				Shaft Depth	Slope					Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
					Length	Degrees									
Helen Mining Co., The Homer City Mine	Indiana	U.F.	46	620'	2,700'	16	-	Gas	-	-	30	210	-	-	-
Tunnelton Mining Co. Marion Mine	Indiana	U.F.	48-60	263' 525'	980'	16°30'	-	Gas	-	-	37	213	-	-	-
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 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- 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	Armstrong	U.F.	32	-	-	-	Drift	Gas	-	-	155	60	-	-	-	
Darmac No. 2	Armstrong	U.F.	31	-	-	-	Drift	-	Non	-	10	60	-	-	-	
Darmac No. 3	Armstrong	U.F.	32	-	-	-	Drift	-	Non	-	10	60	-	-	-	
TOTAL												-	-	-		
Tanoma Mining Co., Inc.																
Tanoma Mine	Indiana	L.K.	38	180'	752'	15	-	Gas	-	-	51	175	-	-	-	
DISTRICT TOTAL												-	-	-		

Note: Symbols for Geological Name of Coal Bed:

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- 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			Drift	Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
				Shaft Depth	Slope					Open	Flame Safety	Elec- tric	Ammonium		Other Permis- sible (Name)
					Length	Degrees							Nitrate	Dynamite	
Greenwich Collieries, Div. of Pa. Mines															
Greenwich No. 2 580 Portal	Indiana	L.F.	51	408'	-	-	Drift	Gas	-	-	55	255	-	-	-
Greenwich No. 2 So. Portal	Indiana	L.F.	50	416'											
				493'											
				512'											
				624'	-	-	Drift	Gas	-	-	70	430	-	-	-
TOTAL												-	-	-	
Mears Enterprises, Inc.															
Penn Run Mine	Indiana	U.F.	32	-	-	-	Drift	Gas	-	-	10	24	-	-	-
Valley Coal Co.															
Leonard Run No. 1	Indiana	L.K.	42-48	-	-	-	Drift	-	Non	-	8	32	-	-	-
Valley No. 11 Mine	Indiana	L.F.	42	-	-	-	Drift	-	Non	-	3	4	-	-	-
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

DISTRICT 15

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	Drift			Flame	Elec- tric	Ammonium Nitrate	Dynamite			
				Depth	Length	Degrees	Drift			Open	Safety					
Beth Energy Mines, Inc. Cambria Slope Mine #33	Cambria	U.K. and L.K.	36-48 42-60	820'												
				628'												
				640'												
				801'												
				451'												
				475'												
				660'												
				734'	3,000'	17	-	Gas	-	-	90	357	-	-		(a)
DISTRICT TOTAL												-	-	(a)		

Note: (a) Colamex 3000#
Gel 6000#
Rockbusters 600#

Symbols for Geological Name of Coal Bed:

- UK - Upper Kittanning
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- 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					Non- 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	Drift									
DLR Coal Co. Bear Run No. 2	Indiana	Clarion	42	-	-	2	Drift	-	Non	-	3	6	-	-	-	
Doverspike Bros. Coal Co. Clutch Run	Jefferson	L.K.	30	-	-	-	Drift	-	Non	-	9	22	-	-	-	
Florence Mng. Co. Florence No. 2 Mine	Indiana	L.U.F.	46-72	110' 393'	520' 940'	11 2	-	Gas	-	-	35	125	-	-	-	
Heshbon	Indiana	L.F.	46	-	-	-	Drift	Gas	-	-	35	100	-	47	-	
TOTAL													-	47	-	
Hillsdale Mining Co. Hillsdale Mine No. 1	Cambria	M.K.	36	-	-	-	Drift	-	Non	-	4	12	-	-	-	
Kniseley Coal Co. Kniseley Mine	Jefferson	L.F.	-	-	-	-	Drift	-	Non	-	3	6	-	-	-	
Manor Mining & Contracting Corp. Manor No. 44	Clearfield	L.K.	36	-	-	-	Drift	-	Non	-	4	15	-	-	-	
Red Oak Mining Co. South Mine	Cambria	U.K.	48	-	-	-	Drift	-	Non	-	4	8	-	-	-	
DISTRICT TOTAL													-	47	-	

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					Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
				Shaft Depth	Slope		Drift Drift	Open			Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
					Length	Degrees										
Lion Mining Co. Grove No. 1 Mine	Somerset	U.K.	42-80	-	-	-	Drift	Gas	-	-	20	85	-	-	-	
Jennifer Mine	Somerset	U.F.	50	-	-	-	Drift	-	Non	-	3	9	-	-	-	
TOTAL													-	-	-	
Meadows & Leonard Mining Inc. Longwall No. 1	Cambria	U.K.	46	-	-	-	Drift	-	Non	-	4	19	-	-	-	
Pelesmitco, Inc. Paradise Mine	Somerset	U.F.	-	-	-	-	Drift	-	Non	-	-	-	-	-	-	
Quemahoning Collieries Mine No. 1	Somerset	U.K.	36-44	-	-	-	Drift	-	Non	-	15	30	-	-	-	
Trent Coal Inc. Rice No. 2	Cambria	L.F.	40	-	-	-	Drift	-	Non	-	12	38	-	260	-	
TOTAL													-	260	-	
DISTRICT TOTAL													-	260	-	

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					Open	Flame	Elec- tric	Ammonium		Other Permis- sible (Name)
					Depth	Length							Degrees	Nitrate	
J & D Mining, Inc. Miller Run No. 2	Somerset	U.K.	38-40	-	-	-	Drift	-	Non	-	10	33	-	-	-
Lion Mining Co. Mine No. 37	Somerset	L.F.	30	-	-	-	Drift	-	Non	-	1	1	-	-	-
RoxCoal, Inc. Barbara No. 1	Somerset	U.K.	44	-	-	-	Drift	-	Non	-	20	60	-	-	-
Diamond T B Mine	Somerset	L.K.	84	-	-	-	Drift	-	Non	-	20	80	-	-	-
Diamond T C Mine	Somerset	M.K.	44	-	-	-	Drift	-	Non	-	20	60	-	-	-
Longview Mine	Somerset	-	-	-	-	-	Drift	-	Non	-	4	8	-	-	-
Mine No. 37	Somerset	L.F.	34	-	-	-	Drift	-	Non	-	3	6	-	60	-
TOTAL												-	60	-	
Solar Fuel Co., Inc. Solar No. 7	Somerset	U.K.	42	-	-	-	Drift	Gas	-	-	14	53	-	450	-
Solar No. 10	Somerset	U.K.	40	-	-	-	Drift	Gas	-	-	6	15	-	-	-
TOTAL												-	450	-	
DISTRICT TOTAL												-	510	-	

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