

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					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									
Emerald Mines Corp. Emerald No. 1/30841307	Greene	Pittsburgh	72	650'	2,200'	16°	-	Gas	-	-	95	525	-	930	-	
U.S. Steel Mining Co., Inc. Cumberland Mine/30831303	Greene	Pittsburgh	78	749'	2,577'	16°	-	Gas	-	-	92	355	-	-	-	
				724'												
				744'	2,194'	17°	-	-	-	-	-	-	-	-	-	
DISTRICT TOTAL												-	930	-		

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- Gas	Open	Flame	Elec-	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length	Degrees	Drift	eous	eous	Safety	tric					
Consolidation Coal Co. Bailey Mine/30841316	Greene	Pitts. #8	78	571'	2,150'	14°	-	GAS	-	-	90	440	-	-	1,200	
Enlow Fork Mining Co. Enlow Fork Mine/30841317	Greene	Pitts. #8	72	872' 526'	2,067'	16°	-	GAS	-	-	102	423	-	-	-	
DISTRICT TOTAL												-	-	1,200		

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		Other Permis- sible (Name)
				Shaft	Slope					Flame	Elec- tric	Ammonium Nitrate	Dynamite		
					Depth	Length								Degrees	
B & M Coal Co. B & M No. 2/30841311	Greene	Sewickley	52	-	-	-	Drift	-	Nongas	-	6	15	-	-	-
Dunkard Mining Co. Dunkard Mine/30841309	Greene	Sewickley	60	-	-	-	Drift	Gas	-	-	12	40	-	-	-
Eberhart Coal Co. Titus Mine/30841314	Greene	Sewickley	48	-	-	-	Drift	-	Nongas	-	-	-	-	-	-
Genesis, Inc. (a) Meadow Run/30871301	Greene	Sewickley	48	-	-	-	Drift	-	Nongas	-	-	-	-	-	-
J. J. Petite Coal Co. Petitte Mine 1/30891301	Greene	Sewickley	48	-	-	-	-	-	Nongas	-	-	-	-	-	-
Target Industries, Inc. Target No. 1/30841320	Greene	Sewickley	55	-	-	-	Drift	-	Nongas	-	14	22	-	100	-
DISTRICT TOTAL													-	100	-

Note: (a) No annual received from operation - information taken from 1993 reports.

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	Number and Type Lamps Used			Pounds of Explosives Used				
				Shaft Depth	Slope					Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
					Length	Degrees										Safety	
Consolidation Coal Co. Dilworth Mine/30841313	Greene	Pittsburgh 8	84	161'													
				333'													
				521'													
				609'													
				618'													
				638'													
				720'	789'	16	-	GAS	-	-	82	460	-	-	-		
Duquesne Light Co. Warwick No. 3/30841319	Greene	Sewickley	62	417'	-	-	-	Drift	GAS	-	-	46	224	-	300	-	
DISTRICT TOTAL												-	300	-			

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	Non- Gas	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
				Shaft	Slope					Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	
					Depth	Length									
Beth Energy Mines, Inc./ Eighty Four Mining Co. 84 Mine/63831302	Washington	Pittsburgh	68	300' 590'	1,750'	16°	-	GAS	-	-	75	250	-	4,370	-
Cyprus River Processing Corp. Lazarus/30921301	Greene	Pittsburgh	72	-	650'	17°	-	GAS	-	-	10	38	-	100	-
D&L Mining, Inc. 30841315	Greene	Pittsburgh	72	-	175'	15°	-	GAS	-	-	3	3	-	-	-
Mon Valley Steel Co., Inc. Clyde/63841307	Washington	Pittsburgh	84	126'	-	-	Drift	GAS	-	-	280	130	-	-	-
DISTRICT TOTAL												-	<u>4,470</u>	-	

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		Other Permis- sible (Name)
				Shaft		Slope		Drift				Open	Safety	Elec- tric	Ammonium Nitrate	Dynamite	
				Depth	Length	Degrees	Drift										
Bologna Coal Co. Avella Mine/63901302	Washington	Pittsburgh	65	-	-	-	Drift	GAS	-	-	5	22	-	-	-		
National Mines Corp. Mathies Mine/63441306	Washington	Pittsburgh	8 66	-	-	-	Drift	GAS	-	-	15	150	-	-	-		
Penn Balt, Inc. Penn Balt Mine 1/63871301	Washington	Pittsburgh	180	-	-	-	Drift	GAS	-	-	6	30	-	-	-		
U. S. Steel Mining Co., Inc. Maple Creek Mine/63841302	Washington	Pittsburgh	63	410'													
				259'													
				268'	915'	3°	Drift	GAS	-	-	80	480	-	-	-		
				250'													
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			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	
Hays Run Coal Co. Spaces Corner/03841312	Armstrong														
Keystone Coal Mng. Corp. Margaret 11-No. 2/03891301/ Margaret 11-No. 3/03851304	Armstrong														
Loyal Creek Co. Loyal Creek 4/03831303	Armstrong														
Plum Creek Mining Newfield Mine	Allegheny														

Note: No annual received from the above operators, therefore, this chart is incomplete.

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					Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
					Length	Degrees									Open
Canterbury Coal Co. David Mine/03841302	Armstrong	Thick Freeport	108	-	-	-	Drift	GAS	-	-	6	20	-	-	-
DiAnne Mine/03841306	Armstrong	Lo. Kittanning	50	125'	1,150'	10°	-	GAS	-	-	28	100	-	-	-
Keystone Coal Mining Corp. Urling No. 1/32841312	Indiana	Up. Kittanning	54	332'	1,250'	16°	-	GAS	-	-	60	200	-	30	-
TJS Mining, Inc. TJS Mine/03901302	Armstrong	Up. Free.	36	-	-	-	Drift	GAS	-	-	6	25	-	-	-
DISTRICT TOTAL												-	30	-	

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					Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
					Length	Degrees									Open
Darmac Assoc. Corp. Darmac 2/03871307	Armstrong	UF	34	-	-	-	Drift	GAS	-	-	6	30	-	-	-
Darmac 3/03901304	Armstrong	UF	35	-	-	-	Drift	Nongas	-	-	6	25	-	-	-
Keystone Coal Mining Corp. Plumcreek/32921301	Indiana	UF	36-38	-	-	-	Drift	GAS	-	-	20	61	-	-	-
Tanoma Mining Co., Inc. Tanoma/32841305	Indiana	LK	38	180'	752'	15°	-	GAS	-	-	53	175	-	81	-
DISTRICT TOTAL												-	81	-	

Note: Symbols for Geological Name of Coal Bed:

- A - Brookville
- 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		Other Permis- sible (Name)	
				Shaft	Slope					Flame	Elec- tric	Ammonium Nitrate	Dynamite		
				Depth	Length	Degrees									
Helvetia Coal Co.															
Lucerne 6E/32851302	Indiana	UF	48	-	-	-	Drift	GAS	-	-	60	170	-	-	-
Lucerne 8/32841320	Indiana	UF	48	88'	338'	16°	-	GAS	-	-	45	120	-	-	240(a)
Lucerne 9/32841317	Indiana	UK	66	-	285'	16°	-	GAS	-	-	32	122	-	-	-
Marshall Run	Indiana	UK	42	-	-	-	Drift	GAS	-	-	.10	35	-	-	-
DISTRICT TOTAL												-	-	240	

Note: (a) Tovex

Symbols for Geological Name of Coal Bed:

- A - Brookville
- 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			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										
Beth Energy Mines, Inc. Mine 18/56841328	Somerset	UK	48	-	-	-	Drift	GAS	-	-	2	-	-	-	-	
Commercial Mining, Inc. Mine 1	Cambria	UK	46	-	-	-	Drift	-	Nongas	-	4	6	-	30	-	
Mears Enterprises, Inc. Penn Run Mine/32881301	Indiana	UF	32	-	-	-	Drift	GAS	-	-	12	24	-	-	-	
Meadows & Leonard Mining Meadow & Leonard 1/11831301	Cambria	UK	46	-	-	-	Drift	-	Nongas	-	6	24	-	-	-	
Rayne Energy, Inc. Rayne No. 1	Indiana	LF	42	-	-	-	Drift	GAS	-	-	9	32	-	-	-	
Tunnelton Mining Co. Marion Mine/32841310	Indiana	UF	48-60	263' 525'	980'	16°30'	-	GAS	-	-	37	208	-	-	-	
Valley Coal Co. Leonard Run 1/32851301	Indiana	LK	42-48	-	-	-	Drift	GAS	-	-	8	39	-	-	-	
DISTRICT TOTAL												-	30	-		

Note: Symbols for Geological Name of Coal Bed:

- A - Brookville
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- 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		Other Permis- sible (Name)
				Shaft		Slope					Open	Safety	Elec- tric	Ammonium Nitrate	Dynamite	
				Depth	Length	Degrees	Drift									
Doverspike Bros. Coal Co. Clutch Run/33901301	Jefferson	LK	29	-	-	-	Drift	-	Nongas	-	10	36	-	-	-	
Dora 6/33841303	Jefferson	LK	30	-	200'	9°	-	-	Nongas	-	43	95	-	-	-	
Kennedy Coal Corp. Kennedy 4/33841304	Jefferson	LF	28	-	-	-	Drift	-	Nongas	-	-	-	-	-	-	
Manor Mining & Contracting Corp. Manor 44/17841309	Clearfield	LK	36	-	-	-	Drift	-	Nongas	-	4	15	-	-	-	
Mears Enterprises, Inc. Bear Run 2/32841301	Indiana	A	42	-	-	-	Drift	-	Nongas	-	3	10	-	-	-	
Red Oak Mining Co. South Mine	Cambria	UK	48	-	-	-	Drift	-	Nongas	-	8	24	-	-	-	
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- Drift	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
				Shaft Depth	Slope					Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	
					Length	Degrees									
Beth Energy Mines, Inc. Cambria Slope/11841301	Cambria	Up. & Lo. Kittanning	36-42-60	(a)	3,000	17°	-	Gas	-	-	-	-	-	-	(b)
Trent Coal, Inc. Rice No. 2/11841302	Cambria	Lo.Freeport	40	-	-	-	Drift	-	Nongas	-	22	40	-	350	-
District Total												-	350	(b)	

Note: (a) County 820'
D West 628'
Poole 640'
Portal 801'
Howells 451'
F West 475'
Happyland 660'
D East 1,030'
(b) Gel -0
Rockblaster 800

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 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
Lion Mining Co. Grove 1/56841306 Jennifer Mine	Somerset Somerset	UK UF	43 50	- -	- -	- -	Drift Drift	GAS -	- Nongas	- -	24 12	85 30	- -	- -	- -
Quemahoning Collieries Mine No. 1	Somerset	UK	42	28	-	-	Drift	-	Nongas	-	15	30	-	-	-
Red Dog Mining, Inc. Hritz (Trent No. 1)	Somerset	UK	33	-	-	-	Drift	-	Nongas	-	5	12	-	-	-
Reitz Coal Co. Mine No 24 - Camp Hamilton	Somerset	LK	42	-	-	-	Drift	-	Nongas	-	-	-	-	-	-
Solar Fuel Co., Inc. Solar 7/56841310	Somerset	UK	42	-	-	-	Drift	GAS	-	-	14	53	-	-	-
DISTRICT TOTAL												-	-	-	

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- 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			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	
Hawkview Mining Corp. Barbara No. 1/56851303	Somerset	Up. Kittanning	-	-	-	-	Drift	-	Nongas	-	-	-	-	-	-
PBS Coal, Inc. Diamond TB/56901301	Somerset	Lo. Kittanning	84	-	-	-	Drift	-	Nongas	-	20	61	-	-	-
Diamond TC/56901301	Somerset	M. Kittanning	44	-	-	-	Drift	-	Nongas	-	10	35	-	-	-
Longview/56911302	Somerset	Lo. Kittanning	84	-	-	-	Drift	-	Nongas	-	27	72	-	-	-
Mine 37/56871301	Somerset	Lo. Freeport	34	-	-	-	-	-	Nongas	-	1	1	-	-	-
Solar Fuel Co. Solar No. 10/56841310	Somerset	Up. Kittanning	38	-	-	-	Drift	GAS	-	-	12	38	-	-	-
DISTRICT TOTAL													-	-	-