

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft	Slope					
				Depth	Length	Degrees	Drift			
Cyprus Cumberland Resources Corp.										
Cumberland/30831303	Greene	Pittsburgh	72	716'	2,194'	17°		Gaseous		
				724'	2,577'	16°				
				749'						
				706'						
Cyprus Emerald Resources Corp.										
Emerald 1/30841307	Greene	Pittsburgh	72	646'	2,200'	17°		Gaseous	300	
				670'						
				617'						
				607'						
								<b>DISTRICT TOTAL</b>	<b>300</b>	

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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 Drift	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft	Slope					
				Depth	Length	Degrees				
Consol Pa. Coal Co.										
Bailey/30841316	Greene	Pittsburgh 8	78	571/890'	2,150'	14°	Gaseous		1,100	
Enlow Fork	Greene	Pittsburgh 8	72	872/526'	2,067	16°	Gaseous		5,250	
								<b>TOTAL</b>	<b>6,350</b>	
								<b>DISTRICT TOTAL</b>	<b>6,350</b>	

**TABLE 20**  
**OPERATING PARAMETERS FOR DEEP MINING OPERATIONS**  
**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	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft Depth	Slope					
					Length	Degrees	Drift			
B & M Coal Co.										
No. 2/30841311	Greene	Sewickley	52				Drift		Nongas	
Dunkard Mining Co.										
Dunkard/30841309	Greene	Sewickley	55				Drift	Gaseous		
Eberhart Coal Co.										
Titus/30841314	Greene	Sewickley	42-48				Drift		Nongas	
Target Industries, Inc.										
Target 1	Greene	Sewickley	57				Drift		Nongas	
WV-H&H Enterprises, Inc.										
Meadow Run/30871307	Greene	Sewickley	57				Drift		Nongas	
								<b>DISTRICT TOTAL</b>		

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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 Drift	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft Depth	Slope					
					Length	Degrees				
Consolidation Coal Co.										
Dilworth/30841313	Greene	Pittsburgh 8	84	161'	789'	16°	Gaseous		1,550	
				333'						
				521'				<b>DISTRICT TOTAL</b>	<b>1,550</b>	
				609'						
				618'						
				638'						
				576'						
				720'						
				572'						

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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 Drift	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft	Slope					
				Depth	Length	Degrees				
Eighty-Four Mining Co.										
Mine 84/63831302	Washington	Pittsburgh	66	8 (525')	1,000'	17°		Gaseous	1,485	
								TOTAL	1,485	
								DISTRICT TOTAL	1,485	

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft	Slope					
				Depth	Length	Degrees	Drift			
Maple Creek Mining, Inc.										
Maple Creek/63841302	Washington	Pittsburgh	63	410'	915'	3°	Drift	Gaseous		
Mon View Mining, Inc.										
Mathies Mine	Washington	Pittsburgh	66				Drift	Gaseous		
								<b>DISTRICT TOTAL</b>		

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft	Slope					
				Depth	Length	Degrees	Drift			
Canterbury Coal Co.										
David/03841302	Armstrong	UF	108				Drift	Gaseous		
DiAnne/03841302	Armstrong	LK	50	108'	1,100'	6°		Gaseous		
DLR Coal Co.										
Triple K/03871302	Armstrong	Mahoning	56				Drift		Nongas	
Rosebud Mining Co.										
Roaring Run/03911302	Armstrong	UF	36				Drift		Nongas	
Tracy Lynne/03961301	Armstrong	LK	45				Drift		Nongas	
								<b>DISTRICT TOTAL</b>		

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

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft	Slope					
				Depth	Length	Degrees	Drift			
Keystone Coal Mining Corp.										
Emilie/03841305	Armstrong	UF	42	32'	245'	16 15°	Drift	Gaseous		
Plumcreek/32921301	Indiana	UF	38				Drift	Gaseous		
									<b>TOTAL</b>	
Rosebud Mining Co.										
Rosebud 2/03851301	Armstrong	LK	43				Drift		Nongas	
Rosebud 3/03851302	Armstrong	Clarion	38				Drift		Nongas	
									<b>TOTAL</b>	
									<b>DISTRICT TOTAL</b>	

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



**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft	Slope					
				Depth	Length	Degrees	Drift			
Keystone Coal Mining Corp.										
Urling 1/32841312	Indiana	UK	60	400'	1,250'	16° 15'		Gaseous		
TJS Mining, Inc.										
Darmac 2/03871303	Armstrong	UF	34				Drift	Gaseous		
Darmac 3/03901304	Armstrong	UF	36				Drift		Nongas	
TJS 1/03901302	Armstrong	UF	36				Drift	Gaseous		
TJS 4/03961302	Armstrong	UF	34				Drift		Nongas	
								<b>DISTRICT TOTAL</b>		

223

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

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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 Drift	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft Depth	Slope					
					Length	Degrees				
DRR Coal Co.										
Bear Run No. 2/32841301	Indiana	Clarion	42				Drift		Nongas	
<b>Mears Enterprises, Inc.</b>										
Penn Run/32881301	Indiana	UF	32				Drift	Gaseous		
Ondo/32961302	Indiana	LK	42				Drift		Nongas	
<b>Tanoma Mining Co., Inc.</b>										
Tanoma/32841307	Indiana	LK	38	180'				Gaseous		
					752'	15°	Drift			
					262'					
					565'					
<b>DISTRICT TOTAL</b>										

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

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft	Slope					
				Depth	Length	Degrees	Drift			
Doverspike Bros. Coal Co.										
Dora 6/33841303	Jefferson	LK	26		200'	9°			Nongas	
Dora 7/33951301	Jefferson	LK	21				Drift		Nongas	
Ramsaytown/33941301	Jefferson	LK	31				Drift		Nongas	
Sandy Lands/33961302	Jefferson	MK	42				Drift		Nongas	
Laurel Run Reclamation Co., Inc.										
Laurel Ridge/17941301	Clearfield	LK	28				Drift		Nongas	
Manor Mining & Contracting Corp.										
Manor 44/17841301	Clearfield	LK	38				Drift		Nongas	
								<b>DISTRICT TOTAL</b>		

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

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft	Slope					
				Depth	Length	Degrees	Drift			
CRG Group										
Burrell/32951301	Indiana	UF	48				Drift	Gaseous		
Helvetia Coal Co.										
Lucerne 6/32851302	Indiana	UF	48				Drift	Gaseous	40	
Marshall Run/32921302	Indiana	UK	45-48				Drift	Gaseous	55	
								<b>TOTAL</b>	<b>95</b>	
								<b>DISTRICT TOTAL</b>	<b>95</b>	

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

**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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 Drift	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft Depth	Slope					
					Length	Degrees				
Pelesmitco, Inc. No. 3/11861301	Cambria	UK	41				Drift	Gaseous	2,328	
Rayne Energy, Inc. Rayne 1/32841322	Indiana	LF	39				Drift	Gaseous		
Trent Coal, Inc. Rice 2/11841302	Cambria	LF	40				Drift		Nongas	
Valley Coal Co. Leonard Run 1/32851301	Indiana	LK	42-48				Drift	Gaseous		
								<b>DISTRICT TOTAL</b>	<b>2,328</b>	

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



**TABLE 20  
OPERATING PARAMETERS FOR DEEP MINING OPERATIONS  
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	Gaseous	Non- Gaseous	Total Explosives (Pounds Used)
				Shaft	Slope					
				Depth	Length	Degrees	Drift			
Pierpont Mining, Inc.										
No. 10 Mine/56841318	Somerset	Kittanning	39				Drift	Gaseous		
Rox Coal, Inc.										
Barbara 2/56851303	Somerset	LK	60				Drift		Nongas	
Diamond T-B/56911302	Somerset	LK	72				Drift		Nongas	
Diamond T-C/56911302	Somerset	MK	45				Drift		Nongas	
Longview/56911302	Somerset	LK	72				Drift		Nongas	
								<b>DISTRICT TOTAL</b>		

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