

ALLEGHENY COUNTY

Operators and Mines/ or Surface Mine Permit No.	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-	Gas-	Flame	Elec-	Ammonium	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift	eous	eous	Open					
Aloe Coal Co. 02803001	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-
02890103	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-
Arnoni Co., M.C. 02860104	Redstone	30	-	-	-	-	-	-	-	-	-	-	-	-
Blank Construction 02900901	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-
Bologna Mining Co. 02823010	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	58,600	1,585	14,155	-
Chambers Development Co., Inc. 02830103	Pittsburgh	36	-	-	-	-	-	-	-	-	-	-	-	-
Kerry Coal Co. 02860103	Pittsburgh	60	-	-	-	-	-	-	-	-	140,800	742	534	-
Kisow, William J. 02840103	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-
Lawson, Rick 02860301	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-
Pangersis Coal Co. 02860102	Pittsburgh	60	-	-	-	-	-	-	-	-	148,630	20,435	-	-
Scenery Hill Development Authorization	Pittsburgh	48	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL											348,030	22,762	14,689	

Note: (a) Wet Hole

ARMSTRONG COUNTY

Operators and Mines/ or Surface Mine Permit No.	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	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
				Length	Degrees										
ALT Incorporated 03880111 03900106	L.K. U.F.	36 32	-	-	-	-	-	-	-	-	-	172,350	3,698	-	
												<b>Total</b>	172,350	3,698	-
Allegheny Mineral Corp. 03840105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Amerikohl Mining, Inc. 03850122	U.F.	48	-	-	-	-	-	-	-	-	-	254,409	8,754	1,640	
Bartley, Carl 03783014	M.K.	20	-	-	-	-	-	-	-	-	-	-	-	-	
Cherep's Excavating 03880102	U.F.	40	-	-	-	-	-	-	-	-	-	40,029	-	-	
Cookport Coal Co., Inc. 3870104	L.K.	32	-	-	-	-	-	-	-	-	-	27,667	196	-	
D. J. & W. Mining, Inc. 03880119	L.F.	27	-	-	-	-	-	-	-	-	-	-	-	-	
Darmac Coal, Inc. 03807059	U.F.	36	-	-	-	-	-	-	-	-	-	60,550	6,810	1,049,391	
03830109	U.F.	24	-	-	-	-	-	-	-	-	-	-	-	-	
03840112	L.F./U.F.	30-60	-	-	-	-	-	-	-	-	-	1,396,370	274,778	12,576	
03850107	U.F.	36	-	-	-	-	-	-	-	-	-	24,500	3,500	222	
03870106	U.F.	22	-	-	-	-	-	-	-	-	-	-	-	-	
03880117	U.F.	36	-	-	-	-	-	-	-	-	-	26,850	3,700	210	
												<b>Total</b>	1,508,270	288,788	1,062,399

255

ARMSTRONG COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	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 Depth	Slope		Drift Drift	Gas			Gas	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Length	Degrees											
Daybrook Coal Co. 03880123 Auger-BAM 3351	U.F. U.F.	40 40	- -	- -	- -	- -	- -	- -	- -	- -	- -	225,358 -	1,234 -	- -		
												<b>Total</b>	<b>225,358</b>	<b>1,234</b>	<b>-</b>	
Doverspike Bros. Coal Co. 03860107 03880110	L.F. U.F.	26 48	- -	- -	- -	- -	- -	- -	- -	- -	- -	30,750 -	213 -	284 -		
												<b>Total</b>	<b>30,750</b>	<b>213</b>	<b>284</b>	
Doverspike, Gary C 03850102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Houser Coal Co., Inc., Walter 03860109 03880104	L.U.F. U.F.	28-40 32	- -	- -	- -	- -	- -	- -	- -	- -	- -	64,465 342,587	377 2,890	- -		
												<b>Total</b>	<b>407,052</b>	<b>3,267</b>	<b>-</b>	
Houser, Earl 033663009	U.K./L.F.	16-40	-	-	-	-	-	-	-	-	-	-	-	-	-	
K. M. P. Associates 03850113	U.F.	42	-	-	-	-	-	-	-	-	-	13,935	366	-		
Kent Coal Mining Co. 03850105 03870105C 03880103 03880118 03880120 Auger BAM-3352 " " 3362 " " 3366 " " 3366 " " 3368	U.F. L.U.F. U.F. U.F./U.K. Pittsburgh U.F. U.F. U.F. U.F. U.F.	45 22-45 45 18-24 132 44 44 44 45 45	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	821,015 29,620 -	13,956 1,518 -	342,275 -	4,489 -	- -
												<b>Total</b>	<b>1,206,845</b>	<b>20,329</b>	<b>-</b>	

256

ARMSTRONG COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	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	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite			
				Depth	Length								Degrees		Drift
M. B. Energy, Inc. 03830106 03880107	L.F. L.F./U.K.	38 30-52	-	-	-	-	-	-	-	-	-	332,697 149,733	1,559 796	-	
												<b>Total</b>	482,430	2,355	-
M.R.C. Mining 03890114	Bituminous	40	-	-	-	-	-	-	-	-	-	-	-	-	-
McKay Coal Co., Inc. 03763005 03890107	U.F. U.F.	36 40	-	-	-	-	-	-	-	-	-	121,475 745,600	1,213 7,536	-	
												<b>Total</b>	867,075	8,748	-
Mears Enterprises, Inc. 03880114 03890110 Auger-BAM-3370 " " 3373 " " 3374	L.U.F. L.F. L.F. L.F. L.F.	30-40 30 30 30 30	-	-	-	-	-	-	-	-	-	266,365 142,695	3,234 1,275	-	
												<b>Total</b>	409,060	4,509	-
Mill Run Contracting, Inc. 03870103	U.F.	42	-	-	-	-	-	-	-	-	-	292,090	3,528	-	
Ratay Coal, Inc. 03860110	L.F.	20	-	-	-	-	-	-	-	-	-	22,563	265	-	
Smith, Inc., Thomas J. 03880113 and Auger BAM 3369	Mahoning/U.F.	34-36	-	-	-	-	-	-	-	-	-	160,625	1,954	-	
Snyder Co., C. H. 03783046 03803044	M.K. U.F.	28 48	-	-	-	-	-	-	-	-	-	-	-	-	-



ARMSTRONG COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	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 Length	Drift Degrees	Drift Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
State Industries, Inc. 03830118	L.M.K./L.F./ Clarion	6-32	-	-	-	-	-	-	-	-	-	1,350,569	6,720	6,973	
03840106	U.M.K./U.L.F.	24-39	-	-	-	-	-	-	-	-	-	5,310	36	73	
03860108	M.K./U.F.	28-48	-	-	-	-	-	-	-	-	-	2,200,400	11,583	11,991	
03860111	U.F.	48	-	-	-	-	-	-	-	-	-	-	-	-	
03880106	U.F.	48	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 3327	L.K.	26	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>3,556,279</b>	<b>18,339</b>	<b>19,037</b>
T. C. Mining 03880106	L.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	
T.D.K. Coal Sales, Inc. 03890105	U.F.	24	-	-	-	-	-	-	-	-	-	44,439	256	-	
03890115	U.K.	24	-	-	-	-	-	-	-	-	-	19,870	199	-	
												<b>Total</b>	<b>64,309</b>	<b>455</b>	<b>-</b>
Terry Coal Sales, Inc. 03880109	U.F.	30	-	-	-	-	-	-	-	-	-	1,010,710	9,933	-	
03890101	U.F.	33	-	-	-	-	-	-	-	-	-	224,005	4,057	-	
Auger-BAM 3333 & 3350	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>1,234,715</b>	<b>13,989</b>	<b>-</b>
Turner Enterprises, Bill 03830108	M.K.	30-36	-	-	-	-	-	-	-	-	-	105,615	488	-	
03850116	M.K.	36	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>105,615</b>	<b>488</b>	<b>-</b>
Windber High Standard Coal Co. 03823013	Pittsburgh	100	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>COUNTY TOTAL</b>	<b>11,081,426</b>	<b>381,475</b>	<b>1,083,360</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

BEAVER COUNTY

Operators and Mines/ or Surface Mine Permit No.	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	Flame Open			Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
				Length	Degrees										
Amerikohl Mining, Inc. 04880103	L.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	
Ambrosia Coal & Construction Co., The 04723003 (a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Darlington Brick & Clay Products Co. 04723003	M.L.K.	10-22	-	-	-	-	-	-	-	-	-	-	-	-	
Kerry Coal Co. 04823006	M.L.K./L.F.	16-24-28	-	-	-	-	-	-	-	-	-	19,440	167	-	
04870102	U.F.	36	-	-	-	-	-	-	-	-	-	70,442	524	-	
04880107	M.K.	36	-	-	-	-	-	-	-	-	-	-	-	-	
04890101	L.K.	24	-	-	-	-	-	-	-	-	-	103,955	1,007	408	
04890102	-	38	-	-	-	-	-	-	-	-	-	190,180	1,097	-	
<b>Total</b>											384,017	2,795	-		
<b>COUNTY TOTAL</b>											384,017	2,795	408		

Note: (a) No annual received from operator

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

BEAVER COUNTY ADDENDUM

Operators and Mines/ or Surface Mine Permit No.	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 Length	Drift Degrees	Drift Drift			Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	
Ambrosia Coal & Construction Co. 04723003	Kittanning	-	-	-	-	-	-	-	-	-	-	-	-	-

BEDFORD COUNTY

Operators and Mines/ or Surface Mine Permit No.	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 Depth	Slope		Drift Drift			Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)				
				Length	Degrees													
Dash Coal Co., Inc.																		
03753004	Fulton-Barnett	36	-	-	-	-	-	-	-	-	-	46,195	304	71*				
05773002	Fulton	36	-	-	-	-	-	-	-	-	-	99,550	576	218*				
05803009	Big Pittsburgh	36	-	-	-	-	-	-	-	-	-	8,600	59	42*				
												<b>Total</b>	154,345	939	331			
															<b>COUNTY TOTAL</b>	154,345	939	331

Note: \* Caps

## BLAIR COUNTY

Operators and Mines/ or Surface Mine Permit No.	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 Length	Drift Degrees	Drift Drift	Non- Gas- eous	Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
Cooney Bros. Coal Co. 07850103	Brookville/L.K.	26	-	-	-	-	-	-	-	-	-	35,000	4,000	-	
07890101	Brookville/L.K.	26	-	-	-	-	-	-	-	-	-	3,000	1,000	-	
11813015	Brookville/L.K.	26	-	-	-	-	-	-	-	-	-	135,000	12,000	-	
												<b>Total</b>	173,000	17,000	-
												<b>COUNTY TOTAL</b>	173,000	17,000	-

## 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

BUTLER COUNTY

Operators and Mines/ or Surface Mine Permit No.	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	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Length	Degrees									
Amerikohl Mining, Inc.														
10890105	U.F.	36	-	-	-	-	-	-	-	-	166,917	885	-	
10890106	M.K.	25	-	-	-	-	-	-	-	-	105,028	515	-	
10890107	M.K.	24	-	-	-	-	-	-	-	-	136,096	20,075	1,340	
											<b>Total</b>	<b>408,041</b>	<b>21,475</b>	<b>1,340</b>
Atwell Coal Co.														
10840113	U.F.	38	-	-	-	-	-	-	-	-	-	-	-	
Big B Mining Co., Inc.														
10810124	Freeport	24	-	-	-	-	-	-	-	-	357,039	4,581	3,555*	
C & K Coal Co.														
10860118	M.K.	17	-	-	-	-	-	-	-	-	-	-	-	
Glacial Minerals, Inc.														
10880102	M.K.	20	-	-	-	-	-	-	-	-	409,900	-	-	
10890101	M.K.	21	-	-	-	-	-	-	-	-	1,378,800	-	-	
											<b>Total</b>	<b>1,788,700</b>	<b>-</b>	<b>-</b>
H & D Coal Co.														
10850114	Brookville/ Clarion	30-16	-	-	-	-	-	-	-	-	433,300	6,444a	160,913b	
10870105	Brookville	36	-	-	-	-	-	-	-	-	189,050	1,059a	32,255b	
10890108	-	-	-	-	-	-	-	-	-	-	188,705	2,780a	25,440b	
											<b>Total</b>	<b>811,055</b>	<b>10,283</b>	<b>218,608</b>
Malinski Mining Co., Inc.														
10850110	U.F.	18	-	-	-	-	-	-	-	-	-	-	-	
Mary Marget Mining Co.														
10860121	U.F.	30	-	-	-	-	-	-	-	-	23,230	351	-	
Medusa Aggregates Co.														
10870106	Brookville	24	-	-	-	-	-	-	-	-	285,870	27,450	72,650	
McKnight Coal Corp.														
10840113	M.K.	34	-	-	-	-	-	-	-	-	-	-	-	
10860117	M.K.	20	-	-	-	-	-	-	-	-	-	-	-	
Romanko Bros. Enterprises, Inc.														
10820124	M.K.	24	-	-	-	-	-	-	-	-	-	-	-	
Siegel, Thomas E.														
10820142 (a)	Clarion	17-33	-	-	-	-	-	-	-	-	-	-	-	
10840111	M.K.	17-36	-	-	-	-	-	-	-	-	-	-	-	

BUTLER COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used					
			Shaft	Slope	Drift	Gas-	Gas-		Open	Flame	Elec-	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
															Depth	Length	Degrees
State Industries, Inc.																	
10830114	U.K.	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10840116	L.F.	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10840125	L.F.	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10890103	L.U.F.	20-30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10900104	L.K./Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sunbeam Coal Corp.																	
10830110T	Brookville	30-36	-	-	-	-	-	-	-	-	-	863,280	-	-	-	-	
10860111	L.U.K./L.U.F.	24-36-48	-	-	-	-	-	-	-	-	-	1,638,000	-	-	-	-	
10860119	Brookville	24-30	-	-	-	-	-	-	-	-	-	1,021,090	-	-	-	-	
10900107	M.K.	30	-	-	-	-	-	-	-	-	-	342,000	-	-	-	-	
																	Total
												3,864,370	-	-	-	-	
Terry Coal Sales																	
10860105	L.K.	23	-	-	-	-	-	-	-	-	-	181,315	3,727	-	-	-	
Western Hickory Coal Co., Inc.																	
10870104	Brookville/M.K.	28-30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Willowbrook Mining Co.																	
10820126	L.M.K.	30	-	-	-	-	-	-	-	-	-	62,210	494a	245b	-	-	
Wright, Inc., Grant R.																	
10860115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>COUNTY TOTAL</b>											7,781,830	68,361	296,398				

Note: \* Caps  
a Primer  
b Wethole

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

BUTLER COUNTY ADDENDUM

Operators and Mines/ or Surface Mine Permit No.	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
Darmac Coal, Inc.															
10880103	U.F.	34	-	-	-	-	-	-	-	-	-	38,350	432	20,200	
10890109	M.K.	34	-	-	-	-	-	-	-	-	-	1,084,550	234,656	6,140	
10890110	U.F.	34	-	-	-	-	-	-	-	-	-	465,000	101,325	3,260	
10891301	U.F.	48	-	-	-	-	-	-	-	-	-	208,150	1,557	66,455	
												<b>Total</b>	<b>1,796,050</b>	<b>337,970</b>	<b>96,055</b>
												<b>Addendum Total</b>	<b>1,796,050</b>	<b>337,970</b>	<b>96,055</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



CAMBRIA COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening				Non- Gas- Gas-	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft		Slope			Drift	Open	Flame Safety	Elec- tric	Ammonium Nitrate		Dynamite	
			Depth	Length	Degrees	Drift									
Bender Coal Co., E.P.															
11793025	Mercer/Brookville/ L.K.	30-32	-	-	-	-	-	-	-	-	-	2,128,520	42,043	-	
11823029	U.K.	20	-	-	-	-	-	-	-	-	-	14,240	110	-	
11830104	M.K./L.F.	20-48	-	-	-	-	-	-	-	-	-	131,200	1,883	-	
11850110	U.L.F.	30-32	-	-	-	-	-	-	-	-	-	800,465	7,794	-	
11850111	U.K.	36	-	-	-	-	-	-	-	-	-	285,010	3,156	-	
11860102	U.F.	32	-	-	-	-	-	-	-	-	-	581,250	7,616	-	
11880101	U.F.	30	-	-	-	-	-	-	-	-	-	529,380	4,725	-	
Auger-BAM 2001-285	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-310	U.K.	36	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-330	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>4,470,065</b>	<b>67,327</b>	<b>-</b>
Bethmar Enterprises, Inc.															
11850109	Mahoney/L.F./ U.K.	12-30-35	-	-	-	-	-	-	-	-	-	2,198,035	6,645	-	
Cambria Coal Co.															
11783035	U.M.L.K.	14-26-28	-	-	-	-	-	-	-	-	-	369,046	2,187	5,368	
11823002	U.M.K./ U.L.F.	17-20-28-38	-	-	-	-	-	-	-	-	-	1,789,818	6,633	14,042	
11850106	Brookville/ U.L. Clarion	12-34-36	-	-	-	-	-	-	-	-	-	1,353,613	4,727	9,436	
11860103	U.F.	26	-	-	-	-	-	-	-	-	-	55,268	145	260	
11890104	U.L.F.	25-28	-	-	-	-	-	-	-	-	-	1,268,938	5,010	9,996	
												<b>Total</b>	<b>4,836,683</b>	<b>18,702</b>	<b>39,102</b>

266

CAMBRIA COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	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-	Gas-	Flame	Elec- tric	Ammonium Nitrate	Dynamite		
			Depth	Length	Degrees	Drift	eous	eous							
Cooney Bros. Coal Co.															
11693042	L.F.	40	-	-	-	-	-	-	-	-	-	175,000	9,000	-	
11773037	L.U.F.	36	-	-	-	-	-	-	-	-	-	150,000	8,000	-	
11803024	U.K.	40	-	-	-	-	-	-	-	-	-	40,000	6,000	-	
11803038	U.K.	24	-	-	-	-	-	-	-	-	-	400,000	23,000	-	
11813039	Brookville	30	-	-	-	-	-	-	-	-	-	550,000	29,000	-	
11813040	Brookville	36	-	-	-	-	-	-	-	-	-	190,000	10,000	-	
118123003	L.U.F.	40	-	-	-	-	-	-	-	-	-	75,000	5,000	-	
118150102	Brookville/L.K.	26	-	-	-	-	-	-	-	-	-	25,000	3,000	-	
11860104	L.M.K./L.F.	42	-	-	-	-	-	-	-	-	-	120,000	7,000	-	
Auger-BAM 2001-312	U.K.	-	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>1,725,000</b>	<b>100,000</b>	<b>-</b>
Ebensburg Power Co.															
1180201-01	L.K.	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gard Mining, Inc.															
11840111	L.F./U.K.	24-30	-	-	-	-	-	-	-	-	-	35,310	300	300	
Greenley Energy Holdings of Pa., Inc.															
11830202	Refuse	-	-	-	-	-	-	-	-	-	-	-	-	-	
11833026	Refuse	-	-	-	-	-	-	-	-	-	-	-	-	-	
11890201	Refuse	-	-	-	-	-	-	-	-	-	-	-	-	-	
K & J Coal Co.															
11693000	U.F./U.K.	25-51	-	-	-	-	-	-	-	-	-	652,900	2,171	134,490	
11813010	U.F./U.K.	20-45	-	-	-	-	-	-	-	-	-	219,037	2,974	59,515	
17880129	U.K.	48	-	-	-	-	-	-	-	-	-	3,308,026	22,093	711,614	
Auger-BAM 2001-260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 40187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>Total</b>	<b>4,179,963</b>	<b>27,238</b>	<b>905,619</b>

CAMBRIA COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	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	Degrees	Drift	Open							
L & J Energy Co., Inc. 11823011	L.U.F./U.K.	30	-	-	-	-	-	-	-	-	48,000	2,800	-	
Lasky Landfill, Inc. 11870103	Bituminous	-	-	-	-	-	-	-	-	-	-	-	-	
M. B. Energy, Inc. 11823004	U.L.F./U.K.	36-42	-	-	-	-	-	-	-	-	257,400	951	-	
11870101	U.L.F.	40	-	-	-	-	-	-	-	-	149,150	437	-	
Auger-BAM 2001-243 and " " 2001-259	U.L.F./U.K.	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-264 and " " 2001-267	U.L.F.	-	-	-	-	-	-	-	-	-	-	-	-	
										<b>Total</b>	<b>406,550</b>	<b>1,388</b>	<b>-</b>	
Ratay Coal, Inc. 11813005	L.U.F.	36-40	-	-	-	-	-	-	-	-	114,980	456	683	
11860101	L.F.	24	-	-	-	-	-	-	-	-	-	-	-	
										<b>Total</b>	<b>114,980</b>	<b>456</b>	<b>683</b>	
T. J. Mining, Inc. 11890112	L.F.	36	-	-	-	-	-	-	-	-	125,397	-	-	
Wesott, Inc. 11870107	L.M.K.	24-46	-	-	-	-	-	-	-	-	402,460	7,738	-	
Westrick, Raymond 11803044	L.F./U.K.	18-36	-	-	-	-	-	-	-	-	180,230	3,592	-	
11870140	L.F./U.K.	18-36	-	-	-	-	-	-	-	-	252,320	5,030	-	
										<b>Total</b>	<b>432,550</b>	<b>8,622</b>	<b>-</b>	
<b>COUNTY TOTAL</b>											<b>18,974,993</b>	<b>241,216</b>	<b>945,404</b>	

Note:

Symbols for Geological Name of Coal Bed:

UK - Upper Kittanning    UF - Upper Freeport  
 MK - Middle Kittanning    MF - Middle Freeport  
 LK - Lower Kittanning    LF - Lower Freeport

CENTRE COUNTY

Operators and Mines/ or Surface Mine Permit No.	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	Gas-	eous						Open
AME Enterprises, Inc. 14813001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carlin, Inc., R. S. 14733009	Brookville	20-30	-	-	-	-	-	-	-	-	-	550,390	3,414	-	
Hamilton Contracting Co., Al 14820103	U.M.K.	6-30	-	-	-	-	-	-	-	-	-	632,327	4,493	3,963	
Lobb Mining 14880102	Clarion/Brookville	40	-	-	-	-	-	-	-	-	-	15,300	344	1,398	
P.A.C. Coal Co. 14880101	Mercer	12	-	-	-	-	-	-	-	-	-	124,125	1,967	-	
Power Operating Co., Inc. 14653005	M.U.K.	8-36	-	-	-	-	-	-	-	-	-	6,410	678,620	-	
14663003	M.U.K.	8-30	-	-	-	-	-	-	-	-	-	-	-	-	
14663004	M.U.K.	8-30	-	-	-	-	-	-	-	-	-	-	-	-	
14850101	M.U.K.	12-32	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>											6,410	678,620	-		
<b>COUNTY TOTAL</b>											<u>1,328,552</u>	<u>688,838</u>	<u>5,361</u>		

**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