

ALLEGHENY COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	:	Ammonium Nitrate		Dynamite
			:Depth:	Length:	Degrees:	Drift:	:Gas- eous:	gas- eous:	:Flame :Elec- tric :				
Aloe Coal Co. 02800101, 02803001, 02810102 and 02813012	Pittsburgh	48-60	-	-	-	-	-	-	-	-	3,195,240	6,506	183,042
American Development Co. 02840902	Redstone	24	-	-	-	-	-	-	-	-	-	-	-
Bologna Mining Co. 0281010 34788C8	Pittsburgh No. 8 Pittsburgh No. 8	48 48	-	-	-	-	-	-	-	-	89,940	980	15,100*
									TOTAL		89,940	980	15,100
Coal Utilities Corp. 11783009	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Lineal Industries, Inc. 02830904	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-
Lutz Land PA0618212	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-
Mazzarini, Loufs 02813007	Unknown	58	-	-	-	-	-	-	-	-	-	-	-
Pangersis Coal Co. 02773005	Pittsburgh 8	60	-	-	-	-	-	-	-	-	-	-	-
Xecol Corp. 02823014	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-
									COUNTY TOTAL		3,285,180	7,486	198,142

Note: * Water Powder

ARMSTRONG COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:Lamps Used	:Non- :Gas-:gas-: :Flame :Elec-: :Open:Safety:tric :	Ammonium Nitrate	Dynamite			
Allegheny Mineral Corp. 03840105	Clarion	28	-	-	-	-	-	-	175,992	8,037	5,462*	
B&G Construction Co., Inc. 03823027	Freeport	22	-	-	-	-	-	-	-	-	-	
03840104	Freeport	42	-	-	-	-	-	-	-	-	-	
Bartley, Carl & Jewel 03783014	M.K.	20	-	-	-	-	-	-	4,260	115	-	
Carpentertown Coal & Coke Co. 03823082	W.F.	34	-	-	-	-	-	-	780,000	1,500	-	
Auger BAM3222	U.F.	34	-	-	-	-	-	-	-	-	-	
Coal Bucket Mining Co. 03813017	L.F.	30	-	-	-	-	-	-	900	219	-	
Creef Bros. 0313018	U.F.	26	-	-	-	-	-	-	-	-	-	
D.J.W. Mining, Inc. 03793022	U.F.	26	-	-	-	-	-	-	-	-	-	
Darmac Coal, Inc. 03803059T	U.F.	36	-	-	-	-	-	-	324,637	1,885	4,150*	
03823026	U.F.	36	-	-	-	-	-	-	400,823	2,638	2,430	
Auger-BAM3194	U.F.	36	-	-	-	-	-	-	-	-	-	
Auger-BAM3235	U.F.	36	-	-	-	-	-	-	-	-	-	
									TOTAL	725,460	4,523	6,580
Daybrook Coal Co. 03793078	U.F.	32	-	-	-	-	-	-	12,240	65	-	
Auger-BAM3209	U.F.	32	-	-	-	-	-	-	-	-	-	
03850101	U.F.	28	-	-	-	-	-	-	-	-	-	
									TOTAL	12,240	65	-
Doverspike Bros. Coal Co. 0380018	L.F.	40	-	-	-	-	-	-	-	-	-	
03823077	L.M.K.	20-30	-	-	-	-	-	-	474,540	4,253	4,081*	
03830104	U.K.	20	-	-	-	-	-	-	246,120	1,597	1,576	
									TOTAL	720,660	5,850	5,657

ARMSTRONG COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)	
			Shaft	Slope	Drift	Gas	Lamps Used	Ammonium Nitrate	Dynamite				
Doverspike, Gary C. 03703031	W.F.	50	-	-	-	-	-	-	-	-	-	-	
03823033	L.K.	30	-	-	-	-	-	-	-	-	-	-	
3570BSM8	U.F.	50	-	-	-	-	-	-	-	-	-	-	
Glacial Minerals Inc. Bostonia	Prep. Plant	-	-	-	-	-	-	-	-	-	-	-	
Harmon Mining Co. 03840103	Freeport	24	-	-	-	-	-	-	-	146,829	4,550	-	
33850104													
Houser, Carl A	U.K.	16	-	-	-	-	-	-	-	-	-	-	
Houser Coal Co. Inc., Walter L. 3573SM19	U.L.F.	30	-	-	-	-	-	-	-	162,477	1,177	-	
K.M.P. Associates 03763066T	Pittsburgh	84	-	-	-	-	-	-	-	53,375	567	-	
Kent Coal Mining Co. 03793072C	Pittsburgh	132	-	-	-	-	-	-	-	1,208,629	-	-	
03813071	Pittsburgh	132	-	-	-	-	-	-	-	628,060	-	-	
03830102	U.F.	40-44	-	-	-	-	-	-	-	294,900	5,903	81,065	
Auger-BAM3203	U.F.	42-45	-	-	-	-	-	-	-	-	-	-	
Auger-BAM3217	Pittsburgh	132	-	-	-	-	-	-	-	-	-	-	
										TOTAL	2,131,589	5,903	81,065
Manor Minerals, Inc. License 100333 3572SM17	Unknown	-	-	-	-	-	-	-	-	-	-	-	
M.B. Energy, Inc. 03830106	L.F.	38	-	-	-	-	-	-	-	71,170	-	112,844	
03830117	U.F.	38	-	-	-	-	-	-	-	18,000	-	5,530	
Auger-BAM3128	U.F.	38	-	-	-	-	-	-	-	-	-	-	
										TOTAL	89,170	-	118,374
McKay Coal Co. 03823088	Freeport	38	-	-	-	-	-	-	-	260,725	1,700	-	

ARMSTRONG COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	:Slope	:Drift:	:Non- :Gas-:gas- :eous:	:Lamps Used	:Flame	:Elec- :tric	:Ammonium Nitrate	:Dynamite			
Oak Tree Coal Co. 03783021	U.K.	27-34	-	-	-	-	-	-	-	-	16,616	233	6,018 ⁰	
03793010	L.F.	27-34	-	-	-	-	-	-	-	-	97,782	922	11,048 ⁰	
03793020	U.F.	27-34	-	-	-	-	-	-	-	-	34,500	149	2,550 ⁰	
03823090	U.L.F.	27-34	-	-	-	-	-	-	-	-	21,200	173	1,320 ⁰	
Auger-BAM319	U.L.F.	27-34	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM3200	L.F.	27-34	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	170,098	1,477	20,936
R.E.M. Coal Co., Inc. 3576SM12	U.F.	48	-	-	-	-	-	-	-	-	1,174,640	15,417	-	
R.&H. Surface Mining 03823076	L. & U.F.	20-48	-	-	-	-	-	-	-	-	10,000	-	-	
ROB Coal Co., Inc. License 100542 03575SM8	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
Siegel, Thomas E. 0379106	L. Clarion	30	-	-	-	-	-	-	-	-	150,675	2,727	-	
Snyder, C.H. 03803044	M.F.	40	-	-	-	-	-	-	-	-	2,300,057	7,349	9,012*	
State Industries, Inc. 03830118	L.K.	30	-	-	-	-	-	-	-	-	-	-	-	
TDK Coal Sales, Incorporated 03850103	U.F.	32	-	-	-	-	-	-	-	-	-	-	-	
Turner Enterprises, Bill 03830108	U. & M.K.	30-36	-	-	-	-	-	-	-	-	108,630	1,247	-	
											DISTRICT TOTAL	9,177,777	62,423	247,086

Note: * Caps

A No permit number given

@ Wet Hole Tubes

Symbols for Geological Name of Coal Bed: L.K. - Lower Kittanning

M.K. - Middle Kittanning

U.K. - Upper Kittanning

L.F. - Lower Freeport

M.F. - Middle Freeport

BEAVER COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft	Slope	Drift	Non-	Lamps Used	Flame	Elec-	Ammonium Nitrate	Dynamite			
			Depth	Length	Degrees	Drift	Gas	gas	Open	Safety	tric			
Bear Hollow Mining Co. 04803002-c	M.K.	42	-	-	-	-	-	-	-	-	-	37,390	-	289*
Kerry Coal Co. 04820102	U.F.	36	-	-	-	-	-	-	-	-	-	-	-	-
04820104	L.M.U.F.	30	-	-	-	-	-	-	-	-	-	346,450	20,940	9,386
04820104-01	L.M.U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-
04820105	L.F.	24	-	-	-	-	-	-	-	-	-	40,650	32,240	986
04820105-01	M.K.	24	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			387,100	53,180	10,661
									COUNTY TOTAL			424,490	53,180	10,166

Note: * Caps

Symbols for Geological Name of Coal Bed: U.F. - Upper Freeport
M.F. - Middle Freeport
L.F. - Lower Freeport
M.K. - Middle Kittanning

BEDFORD COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft	Slope	Drift		Lamps Used	Non-	Flame	Elec-	Ammonium Nitrate		Dynamite	
			Depth	Length	Degrees	Drift	Gas	gas	Open	Safety	tric			
Dash Coal Co., Inc. 05773002	-	-	-	-	-	-	-	-	-	-	-	250,433	3,254	5,450
05800101	Fulton/Barnett	36	-	-	-	-	-	-	-	-	-	579,565	7,643	72,690
4275SM12	Big Pittsburgh	36	-	-	-	-	-	-	-	-	-	310,848	2,830	22,660
									TOTAL			1,140,846	13,727	100,800
KGR Mining, Inc. 05743006	Barnett/Kelly	30-42	-	-	-	-	-	-	-	-	-	178,260	25,109	-
0574307	Spear/Kelly/ Barnett	72-84 86	-	-	-	-	-	-	-	-	-	110,878	19,328	-
									TOTAL			289,138	44,437	-
Krieger Coal, Inc. 05743001	Kelly	48	-	-	-	-	-	-	-	-	-	-	-	-
									COUNTY TOTAL			1,429,984	58,164	100,800

BLAIR COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)			
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	Ammonium Nitrate	Dynamite				
			:Depth:	Length:	Degrees:	Drift:	Gas- eous:	Gas- eous:	Open:	Flame Safety:	Elec- tric:				
Cooney Bros. Coal Co. 07850103	Clarion/L.K./ Brookville	24-33-36	-	-	-	-	-	-	-	-	-	12,000	1,000	-	
11813015	Clarion/L.K./ Brookville	24-33-36	-	-	-	-	-	-	-	-	-	70,000	7,000	-	
												TOTAL	82,000	8,000	-
Swistock Assoc. Coal Corp. 07813001	L.F./U.F./L.K.	24-26-36	-	-	-	-	-	-	-	-	-	551,981	3,369	-	
07830101	U.K./M.K./M.K./Rider	12-18-12	-	-	-	-	-	-	-	-	-	7,869	172	-	
065765M4	Brookville	30	-	-	-	-	-	-	-	-	-	551,981	3,369	-	
												TOTAL	1,111,831	6,910	-
												DISTRICT TOTAL	1,193,831	14,910	-

BUTLER COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)
			:Shaft:	:Slope:	:Drift:	:	:Lamps Used:	:Non- :Gas- :eous:	:Flame- :Elec- :tric:	Ammonium Nitrate	Dynamite	
Amerikohl Mining, Inc.												
1079113	U.K.	24	-	-	-	-	-	-	-	122,941	1,931	25,180*
10820134	L.M.K.	20	-	-	-	-	-	-	-	275,386	2,424	21,120*
10840101	U.F.	18-20	-	-	-	-	-	-	-	128,130	7,028	2,820*
10840104	-	-	-	-	-	-	-	-	-	-	-	-
10840110	U.F.	36	-	-	-	-	-	-	-	-	-	-
10840119	L.K.	16	-	-	-	-	-	-	-	8,740	113	3,720*
10840121	U.F.	30	-	-	-	-	-	-	-	92,354	441	3,756*
									TOTAL	627,551	11,937	56,596
Big B Mining Co., Inc.												
10830102	M.K.	22	-	-	-	-	-	-	-	400,868	1,022	1,036
Black Fox Mining Dev. Corp. License No. 100289												
10800114	Unknown	-	-	-	-	-	-	-	-	-	-	-
Bracken Construction Co.												
10793013	U.K.	22	-	-	-	-	-	-	-	-	-	-
10793021	M.K.	24	-	-	-	-	-	-	-	196,540	1,987	-
3076SM22	U.F.	36	-	-	-	-	-	-	-	31,890	361	-
									TOTAL	228,430	2,348	-
C & K Coal Co.												
10820105	U.L. Clarion/L.K.	8-11-33	-	-	-	-	-	-	-	264,471	1,377	27,180
Central Western Pa. Mining Co.												
10820108	L.F.	40	-	-	-	-	-	-	-	-	-	-
Creighton Hills Coal Co., Inc.												
1080302	U.F.	48	-	-	-	-	-	-	-	-	-	-
DWL Coal Co.												
10810120	L.F.	20	-	-	-	-	-	-	-	4,000	50	-
10840102	L.F.	20	-	-	-	-	-	-	-	10,000	1,000	-
10840124	L.F.	20	-	-	-	-	-	-	-	20,000	2,000	-
									TOTAL	34,000	3,050	-

BUTLER COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)		
			: Shaft:	: Slope	: Drift:	: Lamps Used	: Non-:	: Elec-:	: Ammonium	: Dynamite				
			: Depth:	: Length:	: Degrees:	: Drift:	: Gas-:	: Gas-:	: Flame :	: Elec-:				
			:	:	:	:	: eous:	: eous:	: Open:	: Safety:	: tric :			
			:	:	:	:	:	:	:	:	:			
Darmac Coal, Inc.														
10800102	U.F.	37	-	-	-	-	-	-	-	-	-	-		
10820141	U.F.	48	-	-	-	-	-	-	-	-	1,253,971	7,449	9,706#	
Auger-BAMS102	U.F.	48	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAMS103	U.F.	48	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAMS120	U.F.	48	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAMS085	U.F.	48	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAMS091	U.F.	48	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	1,253,971	7,449	9,706
Glacial Minerals, Inc.														
10830104	L.F.	28	-	-	-	-	-	-	-	-	-	-	-	
10830105	U.M.K.	30	-	-	-	-	-	-	-	-	355,600	1,525	34,209*	
											TOTAL	355,600	1,525	34,209
H & D Coal Co.														
10783018	Brookville	24	-	-	-	-	-	-	-	-	1,129,050	71,851*	3,797#	
10810106	L.F.	18	-	-	-	-	-	-	-	-	-	-	-	
10830101	Brookville	20	-	-	-	-	-	-	-	-	485,955	131,790*	2,130#	
10830112	Brookville	32	-	-	-	-	-	-	-	-	2,849,738	411,884*	13,898#	
											TOTAL	4,464,743	615,525	19,825
Houser Coal Co., Inc., Walter L.														
10800113	U.F.	36	-	-	-	-	-	-	-	-	267,585	1,313	-	
Kerry Coal Co.														
10800103	L.F.	30	-	-	-	-	-	-	-	-	22,300	5,520	281	
10800118	L.K.	32	-	-	-	-	-	-	-	-	2,367,646	242,674	38,642	
10820137	L.F.	30	-	-	-	-	-	-	-	-	133,750	22,670	1,072	
3070BSM1	L.F./M.K.	24	-	-	-	-	-	-	-	-	32,250	17,454	411	
											TOTAL	2,555,946	288,409	40,406
Magnum Minerals, Inc.														
10810105	M.K.	32	-	-	-	-	-	-	-	-	2,204,147	-	-	

BUTLER COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)			
			Shaft	Slope	Drift		Lamps Used	Non-	Flame	Elec-	Ammonium Nitrate		Dynamite		
			Depth	Length	Degrees	Drift	Gas	Gas	Open	Safety	tric				
Malinski Mining Co., Inc. License No. 102248 10810107 10840103	Unknown Unknown	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -			
Miller & McKnight Coal Co., Inc. 10813010 10840113	M.K. M.K.	34 34	- -	- -	- -	- -	- -	- -	- -	- -	- -	497,300 6,120	25,470 340	- -	
									TOTAL			503,420	25,810	-	
Pengrove Coal Co. 61820105	Clarion/M.K.	30-32	-	-	-	-	-	-	-	-	-	3,985,495	381,124*	18,221#	
Roswell Coal Co., Inc. 10830116	Freeport	40	-	-	-	-	-	-	-	-	-	270,000	2,495	-	
Siegel, Thomas E. 10820142	U.L./Clarion/M.K.	12-30-38	-	-	-	-	-	-	-	-	-	227,220	2,756	-	
State Industries, Inc. 10793025 10830114	M.K. L.F./U.K.	34 24-30	- -	- -	- -	- -	- -	- -	- -	- -	- -	23,100 286,900	102 1,798	223# 3,977#	
									TOTAL			310,000	1,900	4,200	
Sunbeam Coal Corp. 10820110 10820125 10820109 Auger 10830121 10840114	Brookville M.K. Kittanning Kittanning Brookville	36 24 20 28 26	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	155,741 762,229 527,294	738 3,651 43,610	1,075 4,274# 4,582#
									TOTAL			1,445,264	47,999	9,931	

BUTLER COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)
			Shaft	Slope	Drift	Non- :Gas- eous	Lamps Used	Flame	Elec- tric	Ammonium Nitrate	Dynamite	
Wright, Inc., Grant A. 10800115	L.K.	30	-	-	-	-	-	-	-	-	-	-
10830115	M.K.	30	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL										19,398,711	1,396,039	221,310

Note: * Wet Holes
Caps
@ Primer

Symbols for Geological Name of Coal Bed: L.K. - Lower Kittanning
M.K. - Middle Kittanning
U.K. - Upper Kittanning
L.F. - Lower Freeport
M.F. - Middle Freeport
U.F. - Upper Freeport

CAMBRIA COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft:	Slope	Drift:	:	Lamps Used	:Non- :Gas- :ous:	:Non- :gas- :ous:	:Flame :Elec- :tric :	Ammonium Nitrate		Dynamite	
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:				
Becker Coal Co., Paul F.														
11803001	U.F.	42	-	-	-	-	-	-	-	-	28,050	-	-	
11823016	U.K.	72	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	28,050	-	-
Bender Coal Co., E.P.														
11793025	Mercer/Brookville/L.K.	30-32	-	-	-	-	-	-	-	-	2,662,975	53,111	-	
11823013	U.F.	36	-	-	-	-	-	-	-	-	489,070	7,216	-	
11830104	M.K.,-L.F.	22-48	-	-	-	-	-	-	-	-	19,590	250	-	
11830106	M.K.,U.K.,L.F.	16-30-42	-	-	-	-	-	-	-	-	220,571	5,238	-	
11840102	M.K.,L.K.	12-30	-	-	-	-	-	-	-	-	142,375	2,069	-	
11840105	U.F.	32	-	-	-	-	-	-	-	-	1,051,125	11,783	-	
42788C8	U.F.	32	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM2001-178	U.F.	36	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	4,585,706	79,667	-
Cambria Coal Co.														
11753028	U.L.F.	27-31	-	-	-	-	-	-	-	-	1,653,230	7,002	278,274*	
Auger-BAM2001-206	U.F.	36	-	-	-	-	-	-	-	-	-	-	-	
11783035	M.K.,-L.F.	22-48	-	-	-	-	-	-	-	-	1,570,858	1,364	58,815*	
1179101	M.K.,U.K.,L.F.	16-30-42	-	-	-	-	-	-	-	-	-	-	-	
11823006	M.K.,L.K.	12-30	-	-	-	-	-	-	-	-	1,779,094	1,242	173,260*	
11823020	U.F.	32	-	-	-	-	-	-	-	-	20,044	173	550*	
17753059	U.L.F.	27-32	-	-	-	-	-	-	-	-	1,166,661	1,040	84,538*	
Auger-BAM40071	U.F.	36	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	6,189,887	10,821	595,437
Coal Utilities Corp.														
11783009	U.F./U.K.	36	-	-	-	-	-	-	-	-	198,367	17,585	-	
Cooney Bros. Coal Co.														
11673041	U.F.	44	-	-	-	-	-	-	-	-	55,000	725	3000	
11693042	L.F.	40	-	-	-	-	-	-	-	-	125,000	3,300	1,5000	
11773037	U.L.F.	40	-	-	-	-	-	-	-	-	175,000	3,500	2,5000	
11803024	Brookville	30	-	-	-	-	-	-	-	-	85,000	6,000	-	
11803038	Brookville	33	-	-	-	-	-	-	-	-	500,000	23,000	18,5000	
11813039	Brookville	30	-	-	-	-	-	-	-	-	145,000	4,500	2,0000	
11813040	Brookville	44	-	-	-	-	-	-	-	-	12,000	250	2500	
33678SM29	L.K.	40	-	-	-	-	-	-	-	-	10,000	1,200	-	
42708SM1A	Brookville	30	-	-	-	-	-	-	-	-	725,000	29,000	23,0000	
											TOTAL	1,832,000	71,475	48,050

CAMBRIA COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening :					Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft:	Slope	Drift:	Non-:		Lamps Used	Flame	Elec-:	Ammonium	Dynamite			
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate			
Gard Mining, Inc.															
11793008	U.L.F.	42-52	-	-	-	-	-	-	-	-	-	82,750	1,576	1,758	
11813018	U.&M.K.	24-48	-	-	-	-	-	-	-	-	-	251,345	1,837	2,822	
												TOTAL	334,095	3,413	4,580
Hepburnia Coal Co.															
11683027	U.F./U.K.	24-36	-	-	-	-	-	-	-	-	-	149,665	667	948	
Heshbon Coal Co.															
11793007	L.F.	32	-	-	-	-	-	-	-	-	-	-	-	-	
K&J Coal Co., Inc.															
11693000	U.F./U.K.	32-46	-	-	-	-	-	-	-	-	-	5,995,720	854,371	18,481@	
11813010	U.F./U.K.	24-45	-	-	-	-	-	-	-	-	-	118,153	20,043	678@	
												TOTAL	6,113,873	874,414	19,159
Kuzemchak, George J.															
11823012	U.K./U.L.F.	32	-	-	-	-	-	-	-	-	-	10,370	87	126@	
11823029	U.F./M.U.K.	24	-	-	-	-	-	-	-	-	-	232,885	1,266	1,453@	
11830107	U.F.	32	-	-	-	-	-	-	-	-	-	43,170	437	386@	
												TOTAL	286,425	1,790	1,965
L&J Energy Co., Inc.															
11823011	L.U.F.	30	-	-	-	-	-	-	-	-	-	48,000	2,800	-	
Lasky Construction Co.															
11820914	Bituminous	34	-	-	-	-	-	-	-	-	-	-	-	-	
Laurel Land Development, Inc.															
11763032	Kittanning	28	-	-	-	-	-	-	-	-	-	-	-	-	
11830103	Kittanning	28	-	-	-	-	-	-	-	-	-	9,675	153	-	
11830906	Refuse-Kittanning	-	-	-	-	-	-	-	-	-	-	-	-	-	
11840101	Freeport	48	-	-	-	-	-	-	-	-	-	-	-	-	
11840109	Freeport	36	-	-	-	-	-	-	-	-	-	86,080	1,131	-	
												TOTAL	95,755	1,284	-
Mazzarella Coal Co.															
11813034	U.F.	24-30	-	-	-	-	-	-	-	-	-	-	-	-	
M.B. Energy, Inc.															
11823004	U.F./L.F.	42	-	-	-	-	-	-	-	-	-	220,820	-	21,811	
11830102	L.M.K.	32-40	-	-	-	-	-	-	-	-	-	447,255	-	218,786	
11840106	L.F.	42	-	-	-	-	-	-	-	-	-	-	-	-	
11840107	U.L.F./U.K.	36-38-42	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM2001-148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	668,075	-	240,597

CAMBRIA COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)	
			Shaft	Slope	Drift		Lamps Used	Non- Gas- eous	Flame Elec- tric	Ammonium Nitrate	Dynamite		
Minor Contracting 11840104	U.F.	33	-	-	-	-	-	-	-	-	4,890	46#	-
Noel Coal, Robert T. 11813021	L.F./Mahoning	16	-	-	-	-	-	-	-	-	-	-	-
Pells, Joseph 11800119	L.F.	48	-	-	-	-	-	-	-	-	8,000	200	-
Ratay Coal, Inc. 11813005	L.U.F.	36-40	-	-	-	-	-	-	-	-	25,000	384	-
Swistock Assoc. Coal Corp. 4278BC10	L.K./Split	18	-	-	-	-	-	-	-	-	264,708	2,436	-
Wesott, Inc. 427SM17 and 11840103 and Auger-BAM2001-189	L.F./U.K.	18-48	-	-	-	-	-	-	-	-	398,770	8,946	-
ZEV Energy, Inc. 11810211	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL											21,231,266	1,075,928	910,736

Note: * Wet Hole
@ Caps
Primer

Symbols for Geological Name of Coal Bed:
L.K. - Lower Kittanning
M.K. - Middle Kittanning
U.K. - Upper Kittanning
L.F. - Lower Freeport
M.F. - Middle Freeport
U.F. - Upper Freeport

CENTRE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft:	Slope	Drift:	:	Lamps	Flame	Elec-:	Ammonium Nitrate	Dynamite			
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
AME Enterprises, Inc. 14813001	U.K.	24	-	-	-	-	-	-	-	-	-	299,200	1,806	-
Avery Coal Co., Inc. 14803008	L.K./Clarion	16-54	-	-	-	-	-	-	-	-	-	1,248,004	23,691	480
Benjamin Coal Co. 4777SM12	Clarion	30	-	-	-	-	-	-	-	-	-	82,700	1,200	100*
Carlin, Inc., R.S. 14663010	Brookville	36	-	-	-	-	-	-	-	-	-	532,830	2,538	-
14733009	Brookville	24	-	-	-	-	-	-	-	-	-	961,485	4,668	-
									TOTAL			1,494,315	7,206	-
Chew's Contracting Co., Inc. 14840103	Clarion	14	-	-	-	-	-	-	-	-	-	-	-	-
Halfway Coal Yard, Inc. 4777SM7	Koto East-Clarion	30	-	-	-	-	-	-	-	-	-	-	-	-
Hamilton Contracting Co., Al 14703011	L.K./Clarion	36-60	-	-	-	-	-	-	-	-	-	128,892	1,393	798
14840101	L.K.	24	-	-	-	-	-	-	-	-	-	121,157	2,180	1,060
									TOTAL			250,049	3,573	1,858
Johnson & Morgan 14820102	U.M.L.K.	12-24	-	-	-	-	-	-	-	-	-	620,044	4,834	-
14820104	L.K./Up.A&Rider	24	-	-	-	-	-	-	-	-	-	789,440	3,051	-
									TOTAL			1,409,484	7,885	-
Lobb Mining 14743007	Clarion	30-40	-	-	-	-	-	-	-	-	-	1,909,272	22,648	10,498#
Power Operating Co., Inc. 14663003	U.M.L.K.	36	-	-	-	-	-	-	-	-	-	329,820	1,920	-
14663004	M.U.K.	24	-	-	-	-	-	-	-	-	-	5,411,121	23,621	-
									TOTAL			5,740,941	25,541	-
River Hill Coal Co., Inc. 14723000	L.K.	28	-	-	-	-	-	-	-	-	-	218,300	1,252	-
Stott Coal Co., James M. 31678SM2	Brookville	24	-	-	-	-	-	-	-	-	-	100,000	10,000	-
									COUNTY TOTAL			12,752,265	104,802	12,936

Note: * Slurry Booser

Caps

Symbols for Geological Name of Coal Bed: U.K. - Upper Kittanning L.K. - Lower Kittanning M.K. - Middle Kittanning

CLARION COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)			
			:Shaft:	Slope	:Drift:	:Lamps Used	:Non-:	:Gas-:gas-:	:Flame :Elec-:	Ammonium Nitrate	Dynamite				
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
Ancient Sun, Inc.															
16810101	U. Clarion	20	-	-	-	-	-	-	-	-	-	188,425	3,139	-	
C&K Coal Co.															
16713004	Clarion/L.K.	30	-	-	-	-	-	-	-	-	-	93,400	1,786	406#	
1679113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1673013	L.K.	24	-	-	-	-	-	-	-	-	-	-	-	-	
16800104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16803022	L. Clarion/M.K.	26	-	-	-	-	-	-	-	-	-	38,916	744	169#	
16810113	U.F.	44	-	-	-	-	-	-	-	-	-	198,630	831	4,380	
16810135	M.L.K.	21-33	-	-	-	-	-	-	-	-	-	5,661,388	5,818	565,130	
16830114	M.L.K.	27-37	-	-	-	-	-	-	-	-	-	4,779,606	3,911	476,030	
16830018	L.K.	32	-	-	-	-	-	-	-	-	-	154,842	318	750	
16840101	L.K.	32	-	-	-	-	-	-	-	-	-	-	-	-	
16850110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3670BSM6 (16703006)	U.L. Clarion/L.M.K.	-	-	-	-	-	-	-	-	-	-	1,598,731	2,965	16,920	
3676SM7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	12,525,513	16,373	1,063,785
Colt Resources, Inc.															
1679143	Up.&Lo. Clarion	19-22	-	-	-	-	-	-	-	-	-	-	-	51,475	
16793028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16810105	M.K.	26	-	-	-	-	-	-	-	-	-	-	-	11,368	
16820119	U.L. Clarion	17-21	-	-	-	-	-	-	-	-	-	-	-	247,840	
1683013	L.K.	20	-	-	-	-	-	-	-	-	-	-	-	-	
3677SM10	U.M.K.	20-27	-	-	-	-	-	-	-	-	-	-	-	408,826	
												TOTAL	-	-	719,509
Doverspike Bros. Coal Co.															
16830109	M.K.	20	-	-	-	-	-	-	-	-	-	259,660	1,860	1,859#	
16830110	M.K.	20	-	-	-	-	-	-	-	-	-	530,380	4,197	4,085#	
												TOTAL	790,040	6,057	5,944
Fyes Doner Service															
16830107	L.F.	40	-	-	-	-	-	-	-	-	-	-	-	-	
Gearhart, Alvin															
61713021	U.F.	40	-	-	-	-	-	-	-	-	-	-	-	-	

CLARION COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	Ammonium Nitrate	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	Gas-:	gas-:	Flame:	Elec-:				
Glacial Minerals, Inc.														
16800126	Kitt./Clarion	30	-	-	-	-	-	-	-	-	1,330,800	4,801	80,131*	
16820113	U.K.	16	-	-	-	-	-	-	-	-	508,300	1,994	45,880*	
16820703	Tipple Refuse	-	-	-	-	-	-	-	-	-	-	-	-	
16823021	Kitt./Clarion	67	-	-	-	-	-	-	-	-	94,100	339	7,905*	
16830120	U.L./Clarion	48	-	-	-	-	-	-	-	-	1,311,300	5,464	202,997*	
1683302	Prep. Plant	-	-	-	-	-	-	-	-	-	-	-	-	
16840103	Kitt./Clarion	60	-	-	-	-	-	-	-	-	864,600	3,159	134,523*	
16840105	Freeport	30	-	-	-	-	-	-	-	-	43,700	104	3,600*	
											TOTAL	4,152,800	15,861	475,036
K.I.T. Industries, Inc.														
16813015	Kittanning	22	-	-	-	-	-	-	-	-	870	185	-	
3677SM23	Kittanning	36	-	-	-	-	-	-	-	-	221,195	2,175	-	
											TOTAL	222,065	2,360	-
MSM Coal Co., Inc.														
16810110	Split Kittanning	34	-	-	-	-	-	-	-	-	86,439	7,050	-	
Maud Mining, Inc.														
16701280	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
Miles Coal Co., Clyde														
168201020	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
R.E.M. Coal Co., Inc.														
3675SM59	M.K./Clarion/L.K.	24-38-34	-	-	-	-	-	-	-	-	1,376,343	19,881	-	
Reddinger, Terry														
16763035	M.U.K.	40	-	-	-	-	-	-	-	-	191,565	1,839	-	
16793005	M.U.K./L.F.	75	-	-	-	-	-	-	-	-	1,182,086	13,447	-	
											TOTAL	1,373,651	15,286	-
Reichards Paving & Excavating, Gene														
16830116	U.M.K.	24-38	-	-	-	-	-	-	-	-	151,685	2,483	-	
3678SM1	U.K.	38	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	151,685	2,483	-

CLARION COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)	
			Shaft	Slope	Drift	Gas-gas	Lamps Used	Open	Safety	Elec	Ammonium Nitrate		Dynamite
Rockwood Energy & Minerals Corp. 3675SM58	-	-	-	-	-	-	-	-	-	-	-	-	
S.B.P. Coal Co. 16793048	U.F.	24-30	-	-	-	-	-	-	-	-	-	-	
Shannon Coal Co. 1679106 (16793006)	U.Clarion/L.K.	45-22	-	-	-	-	-	-	-	174,266	321	22,350	
16743038	M.K./L.K.	20-34	-	-	-	-	-	-	-	2,029,318	1,912	62,660	
3674SM37 (16743037)	M.K./L.K.	25-47	-	-	-	-	-	-	-	18,675	45	2,010	
3674SM38 (16753056)	U.M.L.K.	12-28-33	-	-	-	-	-	-	-	3,755,834	974	145,050	
3774SM10 (16793006)	L.K./U.&L.Clarion	20-24-25	-	-	-	-	-	-	-	596,071	1,733	85,924	
										TOTAL	6,574,164	4,985	317,994
Siegel, Thomas E. 1680106	U.L. Clarion	18-24	-	-	-	-	-	-	-	1,490	250	-	
Stahlman Coal Co., W.P. 16800122	Clarion/M.K.	30	-	-	-	-	-	-	-	432,411	8,272	1,880#	
16810124	L.F.	40	-	-	-	-	-	-	-	116,009	2,205	501#	
16820127	L.K.	24	-	-	-	-	-	-	-	12,916	246	55#	
16820127-02	U.K.	22	-	-	-	-	-	-	-	39,110	821	127#	
16840101	L.K.	30	-	-	-	-	-	-	-	-	-	-	
3671RSW#	Clarion/Brookville	30	-	-	-	-	-	-	-	121,210	2,473	589#	
3671RSW#-01-10	Clarion/L.K.	30	-	-	-	-	-	-	-	518,873	9,926	2,256#	
3676SM43	L.K.	26	-	-	-	-	-	-	-	299,901	5,703	1,296#	
										TOTAL	1,540,430	29,646	6,704
Terry Coal Sales, Inc. 16773009	M.K.	20	-	-	-	-	-	-	-	458,825	4,703	-	
16813009	M.U.K.	40	-	-	-	-	-	-	-	549,219	6,592	-	
16820120	M.U.K./L.F.	70	-	-	-	-	-	-	-	5,924,990	77,242	-	

CLARION COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)
			Shaft:	Slope	Drift:	:	Lamps Used	:	:	Ammonium Nitrate	Dynamite		
Terry Coal Sales, Inc (Cont.) 3674SM67	L.M.U.K./L.U.F.	90	-	-	-	-	-	-	-	-	605,340	5,663	-
										TOTAL	7,538,374	94,200	-
										COUNTY TOTAL	36,521,419	217,571	2,588,972

Note: # Caps
* Wet Hole

Symbols for Geological Name of Coal Bed:
 L.F. - Lower Freeport
 M.F. - Middle Freeport
 U.F. - Upper Freeport
 L.K. - Lower Kittanning
 M.K. - Middle Kittanning
 U.K. - Upper Kittanning