

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 :				Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Flame	:Elec-:	Ammonium Nitrate	Dynamite		
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Aloe Coal Co. 02803001 and 02813012	Pittsburgh	60	-	-	-	-	-	-	-	-	-	2,691,132	-	-
Bolonga Mining Co. 02783003	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	-	-	-	-
02813002	Pittsburgh	48	-	-	-	-	-	-	-	-	-	-	-	-
Hamrock, Robert & Bayls, Brad D. 02860901	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-
Kisow, William J. 02840103	Pittsburgh	48	-	-	-	-	-	-	-	-	-	-	-	-
Mazzarini, Louis 02813007	Unknown	68	-	-	-	-	-	-	-	-	-	-	-	-
McShane Industries, Inc. 02793006	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-	-
Minerals Technology, Inc. 02860201-refuse	Freeport	-	-	-	-	-	-	-	-	-	-	-	-	-
Pangarsis Coal Co. 02860102	Pittsburgh No. 8	60	-	-	-	-	-	-	-	-	-	8,400	275	-
Xecol Corp. 02823014	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL												2,699,532	275	-

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 :			Pounds of Explosives Used		Other Permis- sible (Name)			
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	:Ammonium	Dynamite				
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate			
ALT Incorporated 03850112T	U.F.	36	-	-	-	-	-	-	-	-	-	318,608	634	-	
Allegheny Mineral Corp. 03840105	M.K./Clarion/L.K.	28-40	-	-	-	-	-	-	-	-	-	740,286	6,714	17,898	
B&G Construction Co., Inc. 03840104	Freeport	42	-	-	-	-	-	-	-	-	-	-	-	-	
Bartley, Carl & Jewel 03783014	M.K.	20	-	-	-	-	-	-	-	-	-	7,170	106	-	
Cal Coal Corp. 03830109	Freeport	30	-	-	-	-	-	-	-	-	-	9,050	150	-	
Cloe Mining Co., Inc. 03840113	M.K./U.K.	24-32	-	-	-	-	-	-	-	-	-	171,730	1,058	-	
Coal Bucket Mining Co. 03813017	L.F./U.F.	30-34	-	-	-	-	-	-	-	-	-	20,400	553	-	
D.J. & W. Mining, Inc. 03860104-01	L.F.	27	-	-	-	-	-	-	-	-	-	-	-	-	
Darmac Coal, Inc. 03803059T	U.F.	34	-	-	-	-	-	-	-	-	-	337,338	4,005	-	
03840112	U.L.F.	28-60	-	-	-	-	-	-	-	-	-	158,054	1,503	-	
03850107	U.F.	34	-	-	-	-	-	-	-	-	-	341,397	4,824	-	
Auger-BAM-3219&3276	U.F.	34	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM-3271&3275	U.F.	34	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM-3282	U.L.F.	28-60	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	836,789	10,332	-
Daybrook Coal Co. 03813074	U.F.	38	-	-	-	-	-	-	-	-	-	6,013	53	-	
03850101	U.L.F.	27	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	6,013	53	-
Davis Coal Co. 03860106	U.F.	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 :			Pounds of Explosives Used			Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	:	Ammonium Nitrate	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
Doverspike Bros. Coal Co. 03840108	L.K./M.K.	28-22	-	-	-	-	-	-	-	-	-	602,419	3,874	1,370#	
Doverspike, Gary C. 03703031	U.L.K.	48	-	-	-	-	-	-	-	-	-	-	-	-	
03830110	L.F.	48	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM-3226	U.L.K.	48	-	-	-	-	-	-	-	-	-	-	-	-	
Glacial Minerals Inc. 03841601, Cleaning Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Houser, Earl O. 2866BSM20	U.K./L.F.	16-36	-	-	-	-	-	-	-	-	-	-	-	-	
Houser Coal Co. Inc., Walter L. 03830116	U.L.F.	30	-	-	-	-	-	-	-	-	-	191,295	1,243	-	
K.M.P. Associates 03763066T	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-	
03850113	U.F.	42	-	-	-	-	-	-	-	-	-	-	-	-	
Kent Coal Mining Co. 03793072C	Pittsburgh	132	-	-	-	-	-	-	-	-	-	1,585,525	4,636#	-	
03813071	Pittsburgh	132	-	-	-	-	-	-	-	-	-	-	-	-	
03850105	U.F.	40-44	-	-	-	-	-	-	-	-	-	648,250	10,640#	194,435#	
Auger-BAM 3249	U.F.	40-44	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 3249	U.F.	40-44	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 3267	U.F.	40-44	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 3273	U.F.	40-44	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 3273	U.F.	40-44	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 3281	U.F.	40-44	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	2,233,775	15,276	194,435
M.B. Energy, Inc. 03830106	L.F.	38	-	-	-	-	-	-	-	-	-	671,912	-	12,444(a)	
02830113	U.F.	44	-	-	-	-	-	-	-	-	-	240,160	6,128	-	
												TOTAL	912,072	6,128	12,444

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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 :			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	:Ammonium Nitrate	Dynamite		
McKay Coal Co., Inc. 03763005	U.F.	36	-	-	-	-	-	-	-	799,505	7,583	-	
Manor Minerals, Inc 3572SM17	U.K.	28	-	-	-	-	-	-	-	6,500	2,200	-	
Mears Enterprises, Inc. 03850119	U.F.	36	-	-	-	-	-	-	-	68,130	14,445	-	
Auger-BAM 3260	U.F.	36	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 3274	U.F.	36	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 3278	U.F.	36	-	-	-	-	-	-	-	-	-	-	
										TOTAL	68,130	14,445	-
Mill Run Contracting, Inc. 03823013	Pittsburgh	100	-	-	-	-	-	-	-	-	-	-	
Oak Tree Coal Co. 03783021-0304; 3607305	U.K.	27	-	-	-	-	-	-	-	-	-	-	
R.&H. Surface Mining 03823076	L.&U.F.	20-48	-	-	-	-	-	-	-	-	-	-	
Terry Coal Sales, Inc. 03850108	U.F.	30	-	-	-	-	-	-	-	231,260	1,698	-	
03850117	M.K./U.F.	20-45	-	-	-	-	-	-	-	900,780	10,135	-	
										TOTAL	1,132,040	11,833	-
Turner Enterprises, Bill 03830108	U.M.K.	30-36	-	-	-	-	-	-	-	336,805	5,505	-	
Snyder Co., C.H. 03803044	U.F.	40	-	-	-	-	-	-	-	2,230,845	10,958	12,576#	
State Industries, Inc. 03830118	L.M.K./L.F.	6-26-24	-	-	-	-	-	-	-	64,674	369	393#	
03840106	U.M.K./L.U.F.	24-36-39	-	-	-	-	-	-	-	-	-	-	
										TOTAL	64,674	369	393

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 :			Pounds of Explosives Used		Other Permis- sible (Name)
			Shaft:	Slope	Drift:	:	Lamps Used	:	:	Ammonium Nitrate	Dynamite	
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	
T.D.K. Coal Sales, Inc. 03850103C	U.F.	28	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL									10,688,106	99,014	239,116	

Note: @ Caps
Power Primer
\$ Poweran 600
(a) Primers

Symbols for Geological Name of Coal Bed:

- U.K. - Upper Kittanning
- M.K. - Middle Kittanning
- L.K. - Lower Kittanning
- U.F. - Upper Freeport
- M.F. - Middle Freeport
- L.F. - 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 :				Number and Type :				Pounds of Explosives Used		Other Permis- sible (Name)	
			Shaft	Slope	Drift	Other	Lamps	Non-	Flame	Elec-	Ammonium	Dynamite		
			Depth	Length	Degrees	Drift	eous	eous	Open	Safety	tric	Nitrate		
Amerikohl Mining, Inc.														
04850103	M.U.K.	18	-	-	-	-	-	-	-	-	-	91,966	2,554	1,020
04860102	U.K.	6-48	-	-	-	-	-	-	-	-	-	560,158	2,936	450
			TOTAL									652,124	5,490	1,470
Bear Hollow Mining Co.														
04860101	U.F.	30	-	-	-	-	-	-	-	-	-	36,270	-	308#
Kerry Coal Co.														
04823005	M. & L.K.	24	-	-	-	-	-	-	-	-	-	401,851	3,425	7,307
04823006	L.K.	24	-	-	-	-	-	-	-	-	-	111,610	1,040	-
04870101	M.K.	24	-	-	-	-	-	-	-	-	-	-	-	-
Auger-Bam 3245	M. & L.K.	24	-	-	-	-	-	-	-	-	-	-	-	-
Auger-Bam 3252	L.F.	24	-	-	-	-	-	-	-	-	-	-	-	-
			TOTAL									513,461	4,465	7,307
Wright Inc., Grant R.														
04840101	M.K.	28	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL												1,201,855	9,955	9,085

Note: # Caps

Symbols for Geological Name of Coal Bed:

- U.K. - Upper Kittanning
- M.K. - Middle Kittanning
- L.K. - Lower Kittanning
- U.F. - Upper Freeport
- M.F. - Middle Freeport
- L.F. - Lower Freeport

BEDFORD 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 :				Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft:	Slope	Drift:	:	Lamps Used	:	Non-:	Flame	Elec-:	Ammonium		Dynamite	
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate	Dynamite		
Dash Coal Co., Inc.															
03753004	Big Pittsburgh	36	-	-	-	-	-	-	-	-	-	276,337	1,736	682@	
05773002	Fulton	36	-	-	-	-	-	-	-	-	-	207,690	2,450	1,272@	
05803009	Fulton/Barnett	36	-	-	-	-	-	-	-	-	-	374,660	3,720	1,238@	
												TOTAL	858,687	7,906	3,192
KGR Mining, Inc.															
05743006	Kelly/Barnett	30-36	-	-	-	-	-	-	-	-	-	164,960	2,655	-	
Krieger Coal, Inc.															
05743001	Kelly	48	-	-	-	-	-	-	-	-	-	-	-	-	
												COUNTY TOTAL	1,023,647	10,561	3,192

Note: @ Electric 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 :			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft	Slope	Drift		Lamps Used			Ammonium Nitrate	Dynamite			
Cooney Bros. Coal Co. 07850103 11813015	M.K./Clarion L.K.	20-36 30	-	-	-	-	-	-	-	-	45,000 80,000	6,000 9,000	- -	
											TOTAL	125,000	15,000	-
											COUNTY TOTAL	125,000	15,000	-

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 :				Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	:	Ammonium	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate			
Amerikohl Mining, Inc.															
10850105	U.F.	20	-	-	-	-	-	-	-	-	-	12,128	108	-	
10860107	U.F.	24	-	-	-	-	-	-	-	-	-	-	-	-	
10860110	M.K./L.F.	22	-	-	-	-	-	-	-	-	-	795,123	3,525	1,306	
10860112	L.F.	14	-	-	-	-	-	-	-	-	-	155,449	574	-	
												TOTAL	962,700	4,207	1,306
Big "B" Mining Co., Inc.															
10830102	M.K.	22	-	-	-	-	-	-	-	-	-	46,113	264	370	
Darmac Coal, Inc.															
10820141	U.F.	48	-	-	-	-	-	-	-	-	-	16,000	60	-	
Auger-BAM 5119 & 5120	U.F.	48	-	-	-	-	-	-	-	-	-	-	-	-	
10840122	U.F.	36	-	-	-	-	-	-	-	-	-	489,168	5,239	-	
Auger BAM 5171 & 5160	U.F.	36	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	505,168	5,299	-
Glacial Minerals, Inc.															
10813016	Clarion	22-25	-	-	-	-	-	-	-	-	-	1,943,850	10,583	260,756	
10823006	Kittanning	22	-	-	-	-	-	-	-	-	-	133,400	978	20,640	
10830106	Clarion	16-25	-	-	-	-	-	-	-	-	-	1,016,100	5,978	151,955	
10850107	U.L.F.	45	-	-	-	-	-	-	-	-	-	635,625	2,904	65,240	
10850112	Kittanning	20	-	-	-	-	-	-	-	-	-	159,200	612	15,960	
												TOTAL	3,888,175	21,055	514,551
H & D Coal Co.															
10830112	Brookville	30	-	-	-	-	-	-	-	-	-	-	-	-	
10840120	Clarion	32	-	-	-	-	-	-	-	-	-	-	-	-	
10850102	L.K.	30	-	-	-	-	-	-	-	-	-	-	-	-	
10850104	Brookville	28	-	-	-	-	-	-	-	-	-	-	-	-	
10850111	M.K.	24	-	-	-	-	-	-	-	-	-	1,996,650	43,525	8,633	
10860101	U.K.	15	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	1,996,650	43,525	8,633

BUTLER COUNTY (Continued)

Operators and Mines/ or Surface Mine 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-	Flame	Elec-	Lamps Used	Ammonium Nitrate	Dynamite		
Houser Coal Co., Inc., Walter L. 10800113	U.F.	36	-	-	-	-	-	-	-	-	-	-	-	-
10860108	L.F.	24	-	-	-	-	-	-	-	-	-	-	-	-
Malinski Mining Co., Inc. 10850103	M.K.	26	-	-	-	-	-	-	-	-	124,580	14,311	-	
McKnight Coal Corp. 10840113	M.K.	34	-	-	-	-	-	-	-	-	220,600	10,740	-	
Pengrove Coal Co. 10820117	Clarion	28	-	-	-	-	-	-	-	-	75,800	1,960 ⁰	341 ⁰	
10830107	L.M.K.	20-36	-	-	-	-	-	-	-	-	105,050	3,150 ⁰	849 ⁰	
10840123	Clarion	28	-	-	-	-	-	-	-	-	599,247	35,000 ⁰	4,307 ⁰	
61820105	M.K./Clarion	30-40	-	-	-	-	-	-	-	-	-	-	-	
										TOTAL	780,097	40,110	5,497	
Romanko Bros. Enterprises, Inc. 10820124	M.K.	28	-	-	-	-	-	-	-	-	-	-	-	
Rusnak Coal Co. 10860103	Brookville	24	-	-	-	-	-	-	-	-	-	-	-	
Siegel, Thomas E. 10820142	-	-	-	-	-	-	-	-	-	-	-	-	-	
10840111	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sunbeam Coal Corp. 10841602	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tiche Limestone & Construction Co. 10820139	M.K.	20	-	-	-	-	-	-	-	-	-	-	-	
Western Hickory Coal 10803018	M.K.	30	-	-	-	-	-	-	-	-	2,114,934	9,053	23,109	
10870104	M.K.	30	-	-	-	-	-	-	-	-	-	-	-	

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BUTLER COUNTY (Continued)

Operators and Mines/ or Surface Mine 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		
Wright, Inc., Grant R. 10830115	L.K.	32	-	-	-	-	-	-	-	-	15,367	-	-
COUNTY TOTAL											10,654,384	148,564	553,466

Note: @ Wet Hole
 ‡ Primers

Symbols for Geological Name of Coal Bed:

- U.K. - Upper Kittanning
- M.K. - Middle Kittanning
- L.K. - Lower Kittanning
- U.F. - Upper Freeport
- M.F. - Middle Freeport
- L.F. - 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 :				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:	Open:	Safety:	tric :			
Becker Coal Co., Paul F.														
11803001	U.F.	42	-	-	-	-	-	-	-	-	-	-		
Auger-BAM 2001-192	U.F.	42	-	-	-	-	-	-	-	-	-	-		
Bender Coal Co., E.P.														
11793025	Brookville/L.K.	30-32	-	-	-	-	-	-	-	-	2,400,170	53,319		
11823029	U.K.	20	-	-	-	-	-	-	-	-	674,350	7,340		
11830104	U.K./L.F.	32-48	-	-	-	-	-	-	-	-	376,660	5,491		
11850104	U. & L.F.	36-48	-	-	-	-	-	-	-	-	73,500	1,145		
11850110	U. L. F.	32-36	-	-	-	-	-	-	-	-	14,080	470		
11850111	U.K.	36	-	-	-	-	-	-	-	-	121,885	1,550		
11860102	U.F.	32	-	-	-	-	-	-	-	-	1,183,925	12,841		
											TOTAL	4,844,570	82,156	-
Cambria Coal Co.														
11753028	U.L.F.	26-27	-	-	-	-	-	-	-	-	1,493,613	6,103@	7,645¢	
11783035	U.M.K./U.F.	16-27-36	-	-	-	-	-	-	-	-	1,735,577	23,032@	13,178¢	
11793022	U.F.	62	-	-	-	-	-	-	-	-	-	-	-	
11793036	U.F.	62	-	-	-	-	-	-	-	-	-	-	-	
11823002	U.F.	37	-	-	-	-	-	-	-	-	72,738	420@	547¢	
11823006	-	-	-	-	-	-	-	-	-	-	-	-	-	
11823020	U.L.F.	26	-	-	-	-	-	-	-	-	1,517,113	6,911@	7,611¢	
Auger-BAM 2001-206	U.F.	26	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-231	L.F.	26	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-250	U.F.	26	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	4,819,041	36,466	28,981
Cooney Bros. Coal Co.														
11673041	U.F.	42	-	-	-	-	-	-	-	-	-	-	-	
11693042	L.F.	40	-	-	-	-	-	-	-	-	135,000	3,300	-	
11773037	L.U.F.	40	-	-	-	-	-	-	-	-	140,000	3,000	-	
11803024	U.K.	40	-	-	-	-	-	-	-	-	30,000	4,000	-	
11803038	Brookville	32	-	-	-	-	-	-	-	-	460,000	22,000	-	
11813039	Brookville	30	-	-	-	-	-	-	-	-	700,000	30,000	-	
11813040	Brookville	42	-	-	-	-	-	-	-	-	160,000	4,500	-	
11823003	L.F.	40	-	-	-	-	-	-	-	-	25,000	600	-	
											TOTAL	1,650,000	67,400	-

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 :			Pounds of Explosives Used		Other Permis- sible (Name)
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Non- :Gas-:gas-:	:Flame :Elec-:	Ammonium Nitrate	
Gard Mining, Inc.												
11810114	L.M.U.K./Rider	18-44	-	-	-	-	-	-	-	151,720	568	2,155#
11840111	L.F./U.K.	24-30	-	-	-	-	-	-	-	6,650	59	107#
									TOTAL	158,370	627	2,262
Hepburnia Coal Co.												
11840110	L.F.	21	-	-	-	-	-	-	-	-	-	-
K & J Coal Co., Inc.												
11693000	U.F.	25	-	-	-	-	-	-	-	5,243,400	332,311	39,069#
11813010	U.K.	45	-	-	-	-	-	-	-	89,440	27,689	1,251#
Auger-BAM 40149	U.K.	51	-	-	-	-	-	-	-	-	-	-
									TOTAL	5,332,840	360,000	40,320
Kuzemghak, George J.												
11830107	U.F.	30	-	-	-	-	-	-	-	-	-	-
Lasky Landfill, Inc.												
11870103	-	-	-	-	-	-	-	-	-	-	-	-
Lehmier, Fred												
11850202-01 refuse	L.K.	720	-	-	-	-	-	-	-	-	-	-
L & J Energy Co., Inc.												
11823011, 11830108 and 11850103	L.U.F./U.K.	30	-	-	-	-	-	-	-	48,000	2,800	-
Mazzarella Coal Co.												
11813034	U.F.	30	-	-	-	-	-	-	-	-	-	-
M. B. Energy, Inc.												
11823004	U.L.F./U.K.	42	-	-	-	-	-	-	-	53,540	244#	578#
11830102	M. L. K.	32-42	-	-	-	-	-	-	-	4,032	-	1,506#
11840107	U.L.F./U.K.	36-42	-	-	-	-	-	-	-	193,305	-	4,219#
Auger-BAM-2001-148	U.L.F.	42	-	-	-	-	-	-	-	-	-	-
									TOTAL	250,877	244	6,303
Minor Contractor Co., Inc.												
11840104	U.F.	33	-	-	-	-	-	-	-	5,380	56	-
Ratay Coal, Inc.												
11813005	L.U.F.	36-40	-	-	-	-	-	-	-	-	-	-

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 :				Pounds of Explosives Used		Other Permis- sible (Name)	
			Shaft	Slope	Drift	:	:	Lamps Used	Non-	Flame	Elec-	Ammonium Nitrate	Dynamite		
Rich Coal Co., Inc. 11860105	U.K.	18-20	-	-	-	-	-	-	-	-	-	172,135	1,021	-	
Swistock Associates Coal Corp. 11823023	Clarion	32	-	-	-	-	-	-	-	-	-	17,738	224	339	
Wescott, Inc. 1173017	L.K.	48	-	-	-	-	-	-	-	-	-	444,095	9,647	-	
11840103	L.M.K.	12-48	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-189	L.K.	48	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	444,095	9,647	-
Westrick, Raymond 11803044-01	U.K./U.L.F.	12-30	-	-	-	-	-	-	-	-	-	36,085	2,379	-	
												COUNTY TOTAL	17,779,131	563,020	78,205

Note: @ Number of units of dynamite
 † Caps
 * Water gel

Symbols for Geological Name of Coal Bed:

- U.K. - Upper Kittanning
- M.K. - Middle Kittanning
- L.K. - Lower Kittanning
- U.F. - Upper Freeport
- M.F. - Middle Freeport
- L.F. - 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 :			Pounds of Explosives Used		Other Permis- sible (Name)			
			Shaft:	Slope	Drift:	:	Lamps Used	Non-:	Flame	Elec-:	Ammonium Nitrate		Dynamite		
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
AME Enterprises, Inc. 14813001	M.U.K.	8-10-24	-	-	-	-	-	-	-	-	-	172,731	988	-	
Avery Coal Co., Inc. 14803008	L.K./Clarion	14-84	-	-	-	-	-	-	-	-	-	1,776,324	19,130	-	
Brown, Inc., E. M. 14860102	M.U.K.	30	-	-	-	-	-	-	-	-	-	-	-	-	
Carlin, Inc., R.S. 14663010	U. & L. A.	15-38	-	-	-	-	-	-	-	-	-	45,340	457	-	
14733009	U. & L. A.	22-28	-	-	-	-	-	-	-	-	-	402,810	2,671	-	
												TOTAL	448,150	3,128	-
Chew's Contracting Co., Inc. 14840103	Clarion	16	-	-	-	-	-	-	-	-	-	17,345	-	-	
Johnson & Morgan 1420102	L.K./Up. A Rider	24	-	-	-	-	-	-	-	-	-	60,720	5,370	-	
14840102	U.M.L.K.	12-24	-	-	-	-	-	-	-	-	-	12,400	4,040	-	
												TOTAL	73,120	9,410	-
Lobb Mining 14743007-2	Brookville	36	-	-	-	-	-	-	-	-	-	1,560,689	14,295	-	
Power Operating Co., Inc. 14663003	-	-	-	-	-	-	-	-	-	-	-	1,346,931	5,446	-	
14663004	-	-	-	-	-	-	-	-	-	-	-	3,594,238	17,627	-	
14663005	-	-	-	-	-	-	-	-	-	-	-	4,285,535	16,607	-	
14850101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	9,226,704	39,680	-
Stott Coal Co., James M. 14673012(a)	Clarion	24	-	-	-	-	-	-	-	-	-	-	-	-	
												COUNTY TOTAL	13,275,063	86,631	-

Note: (a) Contract Blaster
 Symbols for Geological Name of Coal Bed:
 U.K. - Upper Kittanning
 M.K. - Middle Kittanning
 L.K. - Lower Kittanning

U.F. - Upper Freeport
 M.F. - Middle Freeport
 L.F. - Lower Freeport

CLARION 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 :				Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	:	Ammonium	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	Gas:	gas:	Open:	Safety:	Elec- tric :	Nitrate			
Ancient Sun, Inc.															
16830111	U.K.	26	-	-	-	-	-	-	-	-	-	-	-	-	
16850102	M.K.	36	-	-	-	-	-	-	-	-	-	-	-	-	
16850108	M.K.	36	-	-	-	-	-	-	-	-	-	208,510	1,899	-	
16860106	M.L.K.	26-38	-	-	-	-	-	-	-	-	-	1,095	350	-	
												TOTAL	209,605	2,249	
C&K Coal Co.															
16753025	U.L. Clarion	18-19	-	-	-	-	-	-	-	-	-	16,032	317#	423#	
16773021	M.K.	21	-	-	-	-	-	-	-	-	-	14,260	170#	218#	
16793006	U.L. Clarion/M.K.	20-26	-	-	-	-	-	-	-	-	-	594,121	6,360#	7,293#	
16810135	U.M.L.K.	8-28-34	-	-	-	-	-	-	-	-	-	2,278,490	6,518#	6,015#	
16850106	M.K.	27	-	-	-	-	-	-	-	-	-	489,708	5,364#	5,737#	
16850110	U.M.K.L.	8-28-34	-	-	-	-	-	-	-	-	-	2,784,821	7,966#	7,352#	
												TOTAL	6,177,432	26,695	27,038
Colt Resources, Inc.															
16773010	L.M.K.	24	-	-	-	-	-	-	-	-	-	-	839,195	-	
16793028	M.K.	28	-	-	-	-	-	-	-	-	-	-	533,535	-	
16813005	L.K.	28	-	-	-	-	-	-	-	-	-	-	567,076	-	
16820119	L.U. Clarion	18-22	-	-	-	-	-	-	-	-	-	-	123,510	-	
16830113	L.K.	20	-	-	-	-	-	-	-	-	-	-	276,970	-	
16830121	M.K.	24	-	-	-	-	-	-	-	-	-	-	2,340,286	-	
												TOTAL	-	-	
Doverspike Coal Co.															
16800132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16860112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fyes Dozer Service															
16850107	Kittanning	48	-	-	-	-	-	-	-	-	-	-	-	-	
16870102	Kittanning	40	-	-	-	-	-	-	-	-	-	-	-	-	
Glacial Minerals, Inc.															
16793048	L.F.	28	-	-	-	-	-	-	-	-	-	399,000	1,232	1,330#	
16793022	Clarion	45	-	-	-	-	-	-	-	-	-	567,244	2,934	35,260#	
16820703	Tipple Refuse	-	-	-	-	-	-	-	-	-	-	-	-	-	

CLARION 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 :				Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft:	Slope	Drift:	:	Lamps Used	:	:	:	Ammonium Nitrate	Dynamite			
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
Glacial Minerals, Inc. (Cont.)															
1683302	Prep. Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	
16850101	Kittanning	40	-	-	-	-	-	-	-	-	-	6,400	36	-	
16850112	L.F.	28	-	-	-	-	-	-	-	-	-	1,145,660	4,663	17,155#	
16870104	Clarion	45	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	2,118,304	8,865	53,745
McKay Coal Co., Inc.															
16773009	U.M.K.	18-24	-	-	-	-	-	-	-	-	-	1,705,460	15,983	-	
16860105	M.K.	20	-	-	-	-	-	-	-	-	-	84,765	1,361	-	
												TOTAL	1,790,225	17,344	-
Miles Coal Co., Clyde															
16803024	M.U.K.	18-22	-	-	-	-	-	-	-	-	-	378,620	45,755	4,000	
R.E.M. Coal Co., Inc.															
16753059	Clarion/Kittanning	34-38	-	-	-	-	-	-	-	-	-	143,520	2,029	-	
16820107	L.M.K.	22-30	-	-	-	-	-	-	-	-	-	72,505	1,097	-	
16840108	L.M.K.	14-48	-	-	-	-	-	-	-	-	-	51,580	484	-	
												TOTAL	267,605	49,365	-
Reichard Contracting, Inc.															
16840106	M.K.	24	-	-	-	-	-	-	-	-	-	314,105	3,664	-	
Reichards Paving & Excavating, Gene															
16830116	U.K.	36	-	-	-	-	-	-	-	-	-	186,975	2,161	-	
Shaffer Mining Co.															
16820125	L.K.	18	-	-	-	-	-	-	-	-	-	-	-	-	
Shannon Coal Co.															
16743038	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
16773021	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
16793006	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
State Industries, Inc.															
16850114	U.F.	24	-	-	-	-	-	-	-	-	-	65,529	890	1,945¢	
Terry Coal Sales, Inc.															
16793005	M.U.K.	45	-	-	-	-	-	-	-	-	-	1,899,160	13,728	-	
16793015	M.K.	16	-	-	-	-	-	-	-	-	-	-	-	-	
16820120	M.U.K./L.F.	70	-	-	-	-	-	-	-	-	-	217,690	1,912	-	

CLARION 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 :			Pounds of Explosives Used			Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	:	Ammonium	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate			
Terry Coal Sales, Inc. (Cont.)															
16840109	M.U.K./L.U.F.	110	-	-	-	-	-	-	-	-	-	2,677,070	32,452	-	
16840110	M.U.K.	44	-	-	-	-	-	-	-	-	-	34,200	6,705	-	
16850115	M.U.K./L.U.F.	120	-	-	-	-	-	-	-	-	-	842,225	6,487	-	
16850116	M.U.K./L.U.F.	120	-	-	-	-	-	-	-	-	-	1,407,405	13,835	-	
16860114	M.U.K./L.U.F.	120	-	-	-	-	-	-	-	-	-	511,200	4,329	-	
												TOTAL	7,588,950	79,448	-
T. D. K. Coal Sales, Inc. 3607707	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-
												COUNTY TOTAL	19,097,350	2,576,722	86,728

Note: @ Primers
 † Caps
 # Wet Hole

Symbols for Geological Name of Coal Bed:

- U.K. - Upper Kittanning
- M.K. - Middle Kittanning
- L.K. - Lower Kittanning
- U.F. - Upper Freeport
- M.F. - Middle Freeport
- L.F. - Lower Freeport