

ALLEGHENY 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	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft	Slope		Drift	Gas- eous			Gas- eous	Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length											
Aloe Coal Co. 02890103	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arnoni Co., M. C. 02900102	Pittsburgh	65	-	-	-	-	-	-	-	-	-	361,999	-	-		
Bologna Mining Co. 02823010	Pittsburgh	48	-	-	-	-	-	-	-	-	-	520,380	4,950	23,565*		
02920102	Pittsburgh	48	-	-	-	-	-	-	-	-	-	-	-	-		
												TOTAL	520,380	4,950	23,565	
Chambers Development Co., Inc. 02830103	Pittsburgh	36	-	-	-	-	-	-	-	-	-	-	-	-		
Deep Valley Coal & Disposal, Inc. 02743004R	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-		
Kerry Coal Co. 02860103	Pittsburgh	60	-	-	-	-	-	-	-	-	-	35,480	232	384		
Kisow, William J. 02840103	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-		
Lang, Richard E. 02910901	Pittsburgh	70	-	-	-	-	-	-	-	-	-	-	-	-		
Nickolich, John P. 02890101	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-		
Pangersis Coal Co. 02860102	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-		
												COUNTY TOTAL	591,790	5,883	23,949	

Note: *Water Powder

ALLEHENY 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		Other Permis- sible (Name)
			Shaft	Slope		Drift	Gas- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	
			Depth	Length	Degrees	Drift							
Gioia Coal Co. 02920101	Redstone	36	-	-	-	-	-	-	-	-	-	-	-

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	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Length	Degrees										
Allegheny Mineral Corp. 03840105	Clarion	20	-	-	-	-	-	-	-	-	-	1,384,527	10,453	6,555*	
ALT Incorporated 03900106 Auger-BAM 3409-3419	U.F.	32	-	-	-	-	-	-	-	-	-	124,380	1,556	8,137#	
												TOTAL	124,380	1,556	8,137
Bartley, Carl & Jewel 03783014	L.K.	36	-	-	-	-	-	-	-	-	-	35,251	305	-	
Cherep's Excavating 03880102	Freeport	36	-	-	-	-	-	-	-	-	-	23,822	-	185	
Cooksport Coal Co., Inc. 03900108	L.K.	31	-	-	-	-	-	-	-	-	-	-	-	-	
Darmac Coal, Inc. 03890108	U.M.K.	30-34	-	-	-	-	-	-	-	-	-	2,112,315	-	5,969@	
Doverspike, Gary C. 03880116T	U.L.K.	72	-	-	-	-	-	-	-	-	-	-	-	-	
Hartman Enterprises, Inc., William P. 03910111	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	
Houser, Earl O. (a)	L.K./L.F.	18-36	-	-	-	-	-	-	-	-	-	-	-	-	
Houser Coal Co., Inc., Walter L. 03880104 03890103	U.F. M.K./L.F.	32 28-32	- -	- -	- -	- -	- -	- -	- -	- -	- -	223,509 59,038	2,553 597	- -	
												TOTAL	282,547	3,150	-

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		Slope		Drift	Gas- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift	Open							
Kent Coal Mining Co. 03880120	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-	-
M. B. Energy, Inc. 03880107	L.F./U.F.	30-52	-	-	-	-	-	-	-	-	68,250	853	8,800#	
McKay Coal Co., Inc. 03890107 03890112 03910103	U.F.	36	-	-	-	-	-	-	-	-	975,300	11,137	-	
	U.M.K./L.F.	24	-	-	-	-	-	-	-	-	31,840	660	-	
	L.F.	30	-	-	-	-	-	-	-	-	-	-	-	
	TOTAL										1,007,140	11,797	-	
Mears Enterprises, Inc. 03890110 Auger-BAM 3390 Auger-BAM 3402	L.F.	30	-	-	-	-	-	-	-	-	70,240	1,190	-	
	L.F.	30	-	-	-	-	-	-	-	-	-	-	-	
	L.F.	30	-	-	-	-	-	-	-	-	-	-	-	
	TOTAL										70,240	1,190	-	
Mill Run Contracting, Inc. 03870103	U.F.	34	-	-	-	-	-	-	-	-	58,580	1,130	-	
M.R.C. Mining 03890114	U.F.	40	-	-	-	-	-	-	-	-	22,513	142	304	
Ratay Coal, Inc. 03860110	L.F.	20	-	-	-	-	-	-	-	-	19,482	137	168*	
Rosebud Mining Co. 03910105 03910109	U.F.	36	-	-	-	-	-	-	-	-	100,258	1,653	-	
	U.F.	50	-	-	-	-	-	-	-	-	97,580	473	-	
	TOTAL										197,838	2,126	-	

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		Drift Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)				
				Length	Degrees													
Smith, Inc., Thomas J. 03880113 T Auger-BAM 3384	Mahoning U.F.	32 36	- -	- -	- -	- -	- -	- -	- -	- -	- -	166,070 -	2,380 -	- -				
												TOTAL	166,070	2,380	-			
State Industries, Inc. 03830118 03840106 03860101 03860108 03860111 03900110 03910101 03910106	M.L.K./L.F./Clarion L.U.F./U.M.K./Clarion U.L.F. M.K./U.F. U.F. U.K. L.U.F. U.F.	6-26-32 24-72 36 28-48 48 28 30-36 42	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	88,971 15,900 - 2,064,967 - - - 884,986	113 88 - 10,096 - - - 4,327	- - - - - - - -	TOTAL	3,054,824	14,624	-
Stitt Coal Co., Inc. 03910108	U.F.	42	-	-	-	-	-	-	-	-	-	-	-	-	-			
TDK Coal Sales, Inc. 03890105 03890115 03890115 03900107	U.F. U.K. U.K. L.F.	24 24 24 32	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	19,097 270,171 - 140,568	165 1,133 - 860	- - - -	TOTAL	429,836	2,158	-
TC Mining Auger-BAM 3406 Auger-BAM 3408	U.F./Mahoning U.F./Mahoning	22-26 22-26	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -			
												TOTAL	-	-	-			
												COUNTY TOTAL	8,169,629	52,001	30,118			

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ARMSTRONG 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- eous	Non- Gas- eous	Open	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift									
Daybrook Coal Co. 03813074	U.F.	38	-	-	-	-	-	-	-	-	-	60,354	500	-	
D.J. & W. Mining, Inc. 03880119	L.F./U.K.	22	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL												<u>60,354</u>	<u>500</u>	<u>-</u>	
ADDENDUM TOTAL												<u>60,354</u>	<u>500</u>	<u>-</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

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		Slope		Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift								

Note: (a) No permit number shown on annual submitted by operator.

e
*

Primer
Caps
Tubes

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					Non- Gas- eous	Non- 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										
Kerry Coal Co.															
04880107	M.K.	36	-	-	-	-	-	-	-	-	-	137,973	1,200	1,879	
04890101	L.K.	24	-	-	-	-	-	-	-	-	-	23,680	233	291	
04900102	U.L.F.	24-28	-	-	-	-	-	-	-	-	-	221,167	2,394	3,104	
												TOTAL	382,820	3,827	5,274
												COUNTY TOTAL	382,820	3,827	5,274

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

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 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									
Dash Coal Co., Inc.														
03753004	Big Pittsburgh	36	-	-	-	-	-	-	-	-	-	-	-	-
05773002	Fulton	36	-	-	-	-	-	-	-	-	-	-	-	-
05803009	Fulton/Barnett	36	-	-	-	-	-	-	-	-	-	-	-	-
													TOTAL	
														COUNTY TOTAL

Note: Symbols for Geological Name of Coal Bed:

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

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		Slope		Drift	Gas-	Non-	Flame	Elec-	Ammonium	Dynamite	Other Permis- sible (Name)		
			Depth	Length	Degrees	Drift	Gas-	Gas-	Open						Safety	tric
Cooney Bros. Coal Co.																
07850103	Brookville/L.M.K. 26	-	-	-	-	-	-	-	-	-	-	100,000	10,000	-		
07890101	Brookville/L.M.K. 26	-	-	-	-	-	-	-	-	-	-	50,000	6,000	-		
11813015	Brookville/L.M.K. 26	-	-	-	-	-	-	-	-	-	-	150,000	12,000	-		
												TOTAL	300,000	28,000	-	
												COUNTY TOTAL	300,000	28,000	-	

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									Length
Allegheny Mineral Corp. 10820122	Clarion	36	-	-	-	-	-	-	-	-	-	-	-	
Amerikohl Mining, Inc. 10820123	U.F.	24	-	-	-	-	-	-	-	-	70,182	333	145@	
10850105	U.F.	24	-	-	-	-	-	-	-	-	263,215	1,129	145@	
10900110	U.F.	32	-	-	-	-	-	-	-	-	127,412	1,251	1,493@	
10910105	U.F.	38	-	-	-	-	-	-	-	-	-	-	-	
10910106	M.K.	20	-	-	-	-	-	-	-	-	148,236	545	-	
10920103	Brookville	24	-	-	-	-	-	-	-	-	163,116	527	-	
											TOTAL	772,161	3,785	1,783
Atwell Coal Co. 10890113	U..F	32	-	-	-	-	-	-	-	-	28,956	187	-	
Big B Mining Co., Inc. 10910107	Freeport	30	-	-	-	-	-	-	-	-	-	-	-	
D.W.L. Coal Co. 10910103	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
H. & D. Coal Co. 10870105	Brookville	30	-	-	-	-	-	-	-	-	224,100	-	1,351	
Medusa Aggregates 10870105	Brookville	18	-	-	-	-	-	-	-	-	27,380	365	19,170*	
Siegel, Thomas 10840111	M.K.	26	-	-	-	-	-	-	-	-	-	-	-	
Smith, Inc., Thomas J. 10860121	U.F.	30	-	-	-	-	-	-	-	-	95,480	2,080	-	
Auger-BAM 5267	U.F.	34	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	95,480	2,080	-

BUTLER 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-	Non-	Flame	Elec-	Open	Safety	Etric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift	eous	Gas-	eous								
State Industries, Inc.																	
10890103	L.U.F.	20-30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10900104	Clarion/L.K.	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10900108	U.L.F.	20-30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
													TOTAL				
Sunbeam Coal Corp.																	
10900106	L.F.	20-22	-	-	-	-	-	-	-	-	-	-	-	267,168	-	-	
													TOTAL	267,168	-	-	
Willowbrook Mining Co.																	
10910101	U.F.	34	-	-	-	-	-	-	-	-	-	-	-	55,840	-	368	
													COUNTY TOTAL	1,471,085	6,417	22,672	

Note: @ Caps
 (a) No annual received from operator
 * Slurry

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					Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
			Shaft	Slope		Drift	Open			Flame	Elec- tric	Ammonium Nitrate	Dynamite		
				Depth	Length									Degrees	
Becker Coal Co., Paul F. 11890101	L.F.	48	-	-	-	-	-	-	-	-	-	-	-	-	-
Bender Coal Co., E.P. 11793025	L.K./Brookville/Mercer	30	-	-	-	-	-	-	-	-	-	-	-	-	-
11823012	U.K.	18	-	-	-	-	-	-	-	-	-	33,080	535	-	-
11850110	U.L.F.	28-30	-	-	-	-	-	-	-	-	-	1,167,747	11,594	-	-
11850111	U.K.	36	-	-	-	-	-	-	-	-	-	-	-	-	-
11860102	U.F.	30	-	-	-	-	-	-	-	-	-	589,490	8,970	-	-
Auger-BAM 2001-330	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 2001-342	U.K.	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 2001-364	U.K.	18	-	-	-	-	-	-	-	-	-	-	-	-	-
												TOTAL	1,790,317	21,099	-
Black Oak Development, Inc. 11910102	U.F.	48	-	-	-	-	-	-	-	-	-	8,220	119	-	-
C & K Coal Co. 11823002	U.M.K./L.U.F.	16-27-30	-	-	-	-	-	-	-	-	-	2,414,108	7,579*	17,040#	-
11840112	L.U. Clarion	10-19	-	-	-	-	-	-	-	-	-	488,791	2,242*	4,828#	-
11850106	L.U. Clarion	10-31	-	-	-	-	-	-	-	-	-	468,336	2,283*	4,216#	-
11900104	U.F.	24	-	-	-	-	-	-	-	-	-	930,124	3,032*	6,338#	-
												TOTAL	4,301,359	15,136	32,422

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	Non- Gas-	Gas-	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
			Depth	Length	Degrees										Open	Safety	
Cooney Bros. Coal Co.																	
11693042	L.F.	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11773037	L.U.F.	36	-	-	-	-	-	-	-	-	-	160,000	9,000	-	-	-	
11803038	Brookville	26	-	-	-	-	-	-	-	-	-	500,000	28,000	-	-	-	
11813039	Brookville	26	-	-	-	-	-	-	-	-	-	450,000	25,000	-	-	-	
11813040	L.U.K.	24	-	-	-	-	-	-	-	-	-	140,000	10,000	-	-	-	
11823003	L.U.F.	45	-	-	-	-	-	-	-	-	-	180,000	12,000	-	-	-	
11850102	Brookville/L.M.K.	26	-	-	-	-	-	-	-	-	-	70,000	8,000	-	-	-	
11860104	Brookville/L.U.K./L.F.	42	-	-	-	-	-	-	-	-	-	170,000	10,000	-	-	-	
Auger-BAM 11860104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11860107	U.F./Rose	36	-	-	-	-	-	-	-	-	-	125,000	11,000	-	-	-	
11900105	U.K./L.F.	42	-	-	-	-	-	-	-	-	-	130,000	10,000	-	-	-	
												TOTAL	1,925,000	123,000			
Ebensburg Power Co.																	
1180201 refuse	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Greenley Energy Holdings of PA, Inc.																	
11890201 refuse	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
K & J Coal Co., Inc.																	
11693000	U.F./U.K.	24-48	-	-	-	-	-	-	-	-	-	4,506,314	15,285	411,170	-	-	
17880129	U.K.	48	-	-	-	-	-	-	-	-	-	988,200	3,550	102,335	-	-	
Auger-BAM 2001-361	U.K.	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	5,494,514	18,835	513,505		
L & J Energy Co., Inc.																	
11830108	M.K.	30	-	-	-	-	-	-	-	-	-	221,150	3,708	-	-	-	
11850103	U.K.	36	-	-	-	-	-	-	-	-	-	110,570	1,853	-	-	-	
11850103 Auger	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11900108	U.L.F.	42-48	-	-	-	-	-	-	-	-	-	110,570	1,853	-	-	-	
												TOTAL	442,290	7,414			
Lasky Landfill, Inc.																	
11870103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Laurel Land Development, Inc.																	
11823030	L.F.	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11830103	U.K.	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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CAMBRIA 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		Other Permis- sible (Name)	
			Shaft Depth	Slope		Drift Drift	Gas		Open	Elec- tric	Ammonium Nitrate	Dynamite			
				Length	Degrees										
Macro Coal Co. 11900106	L.F.	49	-	-	-	-	-	-	-	-	-	-	-	-	
M. B. Energy, Inc. 11823004	U.K./U.L.F.	36-40-42	-	-	-	-	-	-	-	-	-	439,300	875	-	
11850109	U.L.F./U.K./Mahoning	12-30-35	-	-	-	-	-	-	-	-	-	2,121,037	5,265	-	
11900103	U.L.F./U.K.	24-36	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-259	U.L.F./U.K.	36-40	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	2,560,337	6,140	-
RNS Services, Inc. 11890701 refuse	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ratay Coal, Inc. 11813005	L.U.F.	36-40	-	-	-	-	-	-	-	-	-	-	-	-	
11860101	L.F.	24	-	-	-	-	-	-	-	-	-	2,945	27	47#	
												TOTAL	2,945	27	47
T. J. Mining, Inc. 11890102	L.F.	35	-	-	-	-	-	-	-	-	-	326,377	-	-	
Wesott Inc. 11870107	L.F./Little C	24-46	-	-	-	-	-	-	-	-	-	185,755	3,695	-	
Westrick Coal Co. 11870104	U.K./L.F.	18-36	-	-	-	-	-	-	-	-	-	350,510	6,405	-	
												COUNTY TOTAL	17,387,624	201,870	545,974

Note: *Primers
*Caps

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- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift	Gas- eous	Non- Gas- eous							
Carlin, Inc., R.S. 14733009	Brookville	20-30	-	-	-	-	-	-	-	-	-	120,837	788	1,391	
Hamilton Contracting Co., Al 14820103	U.M.K./Rider	12-24	-	-	-	-	-	-	-	-	-	1,152,732	7,969	8,012	
Lobb Mining 14880102	Clarion	33	-	-	-	-	-	-	-	-	-	7,030	419	-	
14880103	Clarion	33	-	-	-	-	-	-	-	-	-	31,275	940	-	
												TOTAL	38,305	1,359	-
Power Operating Co., Inc. 14663003	U.K.	24	-	-	-	-	-	-	-	-	-	86,400	184	-	
14663004	U.K.	24	-	-	-	-	-	-	-	-	-	259,200	552	-	
14663005	U.K.	24	-	-	-	-	-	-	-	-	-	-	-	-	
14850101	L.K.	24	-	-	-	-	-	-	-	-	-	322,500	690	-	
												TOTAL	668,100	1,426	-
												COUNTY TOTAL	1,979,974	11,542	9,403

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

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 Lamps Used			Pounds of Explosives Used			
			Shaft Depth	Slope		Drift	Non- Gas	Gas	Elec	Flame	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
				Length	Degrees										
ANCIENT SUN, INC.															
16840104	U.K.	34	-	-	-	-	-	-	-	-	-	94,460	2,960	-	
16890110	U.K.	22	-	-	-	-	-	-	-	-	-	55,990	1,120	-	
16900112	M.K.	36	-	-	-	-	-	-	-	-	-	-	-	-	
16910107	U.K.	24	-	-	-	-	-	-	-	-	-	71,520	575	-	
16920104	L.K.	36	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	221,970	4,655	-
C&K COAL CO.															
16703006	U.L.Clarion/L.M.K.	17-43	-	-	-	-	-	-	-	-	-	693,364	2,629*	4,675#	
16743037	L.M.K.	22-40	-	-	-	-	-	-	-	-	-	5,840,307	29,987*	48,656#	
16753010	M.L.K./U.L.Clarion	12-34	-	-	-	-	-	-	-	-	-	113,879	595*	1,329#	
16753017	M.L.K.	4-7	-	-	-	-	-	-	-	-	-	9,296,976	22,163*	118,010#	
16753025	L.M.K./U.L.Clarion	16-21	-	-	-	-	-	-	-	-	-	761,797	3,117*	6,409#	
16753156	U.L.F./M.K.	5-28	-	-	-	-	-	-	-	-	-	3,614,149	13,224*	22,640#	
16793006	U.L.Clarion	44-48	-	-	-	-	-	-	-	-	-	525,163	4,297*	9,161#	
16830114	M.K.	21	-	-	-	-	-	-	-	-	-	100,220	178*	322#	
16850110	U.M.L.K./L.F.	9-42	-	-	-	-	-	-	-	-	-	2,812,294	8,387*	10,995#	
16880102	M.L.K./U.L.Clarion	3-21	-	-	-	-	-	-	-	-	-	510,722	3,878*	8,081#	
16890102	U.K.	50	-	-	-	-	-	-	-	-	-	854,557	3,693*	6,995#	
16910106	L.M.K.	21-31	-	-	-	-	-	-	-	-	-	1,539,702	4,020*	6,995#	
												TOTAL	26,663,130	96,168	244,268
COLT RESOURCES, INC.															
16830121	M.K.	24	-	-	-	-	-	-	-	-	-	295,035	934	-	
33753031	M.L.K./U.F.	18-48	-	-	-	-	-	-	-	-	-	-	-	-	
16880101	M.K.	22	-	-	-	-	-	-	-	-	-	82,450	523	-	
33880109	L.U.F.	36	-	-	-	-	-	-	-	-	-	29,795	86	-	
33900101	L.K.	28	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	407,280	1,543	-

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CLARION COUNTY (continued)

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		Drift Drift	Flame Open			Elec- tric	Ammonium Nitrate	Dynamite			
				Length	Degrees										
Crispen Contracting Co. 16830107	Bituminous	36	-	-	-	-	-	-	-	-	-	-	-	-	-
16900113	Bituminous	24	-	-	-	-	-	-	-	-	-	-	-	-	-
16910101	Bituminous	28	-	-	-	-	-	-	-	-	-	10,760	242	-	-
												TOTAL	10,760	242	-
Doverspike Bros. Coal Co. 16900110	U.L. Clarion	13-36	-	-	-	-	-	-	-	-	-	656,007	3,879	-	-
Reddinger, Terry 16793005	M.U.K.	44	-	-	-	-	-	-	-	-	-	144,590	1,720	-	-
Reichard Contracting, Inc. 16840106	U.M.K./L.F.	16-24-30	-	-	-	-	-	-	-	-	-	153,650	1,455	-	-
16890109	L.U.F./Rider/U.K.	18-90	-	-	-	-	-	-	-	-	-	25,840	1,215	-	-
16910101	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	-
												TOTAL	179,490	2,670	-
TDK Coal Sales, Inc. 16900109	L.M.K.	26-28	-	-	-	-	-	-	-	-	-	152,802	798	-	-
Terry Coal Sales, Inc. 16693007	U.M.K./U.F.	60	-	-	-	-	-	-	-	-	-	15,670	525	-	-
16850116	L.F.	21	-	-	-	-	-	-	-	-	-	75,720	1,732	-	-
												TOTAL	91,390	2,257	-
MSM Coal Co., Inc. 16910102	L.F.	60	-	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL											28,527,419	113,932	244,268		

CLARION 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		Other Permis- sible (Name)
			Shaft	Slope		Drift	Gas- eous			Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	
				Depth	Length										

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