

JEFFERSON COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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:			
			:	:	:	eous:	eous:	Open:	Safety:	tric :			
Compass Coal Co., Inc. 33803043	L.M.K.	24-28	-	-	-	-	-	-	-	-	215,185	2,086	1,671*
Cookport Coal Co., Inc. 33820125	L.K.	30	-	-	-	-	-	-	-	-	14,190	143	-
33820135	L.M.K.	32	-	-	-	-	-	-	-	-	69,147	1,209	-
TOTAL											83,337	3,438	-
Doan Mining Co. 33713114T	U.K./L.F.	24	-	-	-	-	-	-	-	-	104,890	2,488	-
33793017T	L.K.	16	-	-	-	-	-	-	-	-	182,680	6,049	-
33803013T	U. K./L. F.	24	-	-	-	-	-	-	-	-	754,965	19,838	-
33813013T	U. K./L. F.	24	-	-	-	-	-	-	-	-	196,335	5,301	-
33820117T	L.K.	16	-	-	-	-	-	-	-	-	182,680	6,049	-
33A77SM21	U.K./L.F.	24	-	-	-	-	-	-	-	-	5,410	41	-
TOTAL											1,426,960	39,766	-
Doverspike Bros. Coal Co. 33800119	M.K.	48	-	-	-	-	-	-	-	-	17,500	167	178*
33820133	U.K./L.U.F.	12-35	-	-	-	-	-	-	-	-	321,612	5,186	5,225*
33820136	Brookville	38	-	-	-	-	-	-	-	-	-	-	-
33820151	Clarion	12	-	-	-	-	-	-	-	-	-	-	-
33830106	L.F.	12	-	-	-	-	-	-	-	-	-	-	-
33830110	L.F.	46	-	-	-	-	-	-	-	-	-	-	-
3873SM11	L.K.	16	-	-	-	-	-	-	-	-	640,735	5,294	5,177*
3876SM22	Brookville/Clarion	20-38	-	-	-	-	-	-	-	-	582,000	4,563	4,878*
TOTAL											1,561,847	15,210	15,458

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JEFFERSON COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 :			
K.I.T. Industries -3676SM10	Brookville	60	-	-	-	-	-	-	-	-	-	122,570	2,733	-
Krach & Gearhart 3380105	L.K.	24	-	-	-	-	-	-	-	-	-	-	-	-
33800126	L.K.	24	-	-	-	-	-	-	-	-	-	4,000	2,500	-
TOTAL											4,000	2,500	-	
Lin Coal, Inc. 33820145	L.F.	90	-	-	-	-	-	-	-	-	-	-	-	-
MSM Coal Co., Inc. 33820120	L.F./U.K.	18-60	-	-	-	-	-	-	-	-	-	-	-	-
Markle Bullers Coal Co. 3378SM3	U.F.	40	-	-	-	-	-	-	-	-	-	-	-	-
Maud Mining Co. 33800124	U.L.F./M.K.	29	-	-	-	-	-	-	-	-	-	882,265	8,171	18,460 ^Q
33810103	U.L.F.	36-63	-	-	-	-	-	-	-	-	-	1,119,157	45,993	4,419*
33810119	L.F.	63	-	-	-	-	-	-	-	-	-	83,654	-	577*
TOTAL											2,085,076	54,164	23,456	
M. B. Energy, Inc. 33753028	U.F.	36	-	-	-	-	-	-	-	-	-	617,480	3,072	39,679
33820134	L.M.K.	22-40	-	-	-	-	-	-	-	-	-	151,390	1,265	7,860
TOTAL											768,870	4,337	47,539	
Mill Run Contracting 33820131	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Minich Coal Co. 33800104	L.K.	27	-	-	-	-	-	-	-	-	-	-	-	-

JEFFERSON COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 :		
New Shawmut Mining Co. 33840110	L.F.	36	-	-	-	-	-	-	-	-	-	-	-
North Cambria Fuel Co. 33803042	U.L.F.	42	-	-	-	-	-	-	-	-	-	-	-
Original Fuels, Inc. 33810101	L.K.	30	-	-	-	-	-	-	-	-	-	-	-
P & N Coal Co., Inc. 3069BSM8	Up. Free.	28	-	-	-	-	-	-	-	-	-	-	18,480¢
3873SM9	L. F./U. K.	22-30	-	-	-	-	-	-	-	-	296,046	4,852	-
33813012	U.F.	32	-	-	-	-	-	-	-	-	993,466	12,960	2,262*
33820143	L.F.	28	-	-	-	-	-	-	-	-	97,955	1,679	-
											230,025	4,132	-
TOTAL											1,617,492	23,623	2,262
R.E.M. Coal Co., Inc. 3379113	L.K.	18	-	-	-	-	-	-	-	-	2,105	56	-
33810109	L.M.K.	28-30	-	-	-	-	-	-	-	-	-	-	-
33820101	U.L.F.	48	-	-	-	-	-	-	-	-	148,865	2,311	-
33830111	L.M.K.	28-30	-	-	-	-	-	-	-	-	285,370	4,964	-
3674SM44	U.L. Clarion	36	-	-	-	-	-	-	-	-	-	-	-
3800140	U.L. Clarion	36	-	-	-	-	-	-	-	-	541,225	8,105	-
TOTAL											977,565	15,436	-
R & L Coal 33820115	L.F.	60	-	-	-	-	-	-	-	-	-	-	-
Rosio Coal Co. 33820149	L.F.	28	-	-	-	-	-	-	-	-	6,125	250	-
Seven Sisters Mining Co., Inc. 33810116	U.K.	24	-	-	-	-	-	-	-	-	33,535	412	-
33820119	U.F.	48	-	-	-	-	-	-	-	-	10,024	126	-
33820139	L.K.	36	-	-	-	-	-	-	-	-	16,130	175	-
33830101	U.F.	24	-	-	-	-	-	-	-	-	208,196	2,103	-
TOTAL											267,885	2,816	-

JEFFERSON COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)	
			Shaft	Slope	Drift	Gas	Lamps Used	Flame	Elec	Ammonium Nitrate	Dynamite		
Shaffer Mining Co.													
3379118	Clarion	24	-	-	-	-	-	-	-	43,480	24,936	-	
33820103	L.K.	28	-	-	-	-	-	-	-	5,930	6,005	-	
33820129	Kittanning	20	-	-	-	-	-	-	-	10,340	640	-	
										TOTAL	59,750	31,581	-
Sky Haven Coal, Inc.													
3576SM14	U.K.	25	-	-	-	-	-	-	-	103,212	462	-	
Smith Coal Co., A. A.													
33820106	M.K./L.K.	12-24	-	-	-	-	-	-	-	-	-	-	
Spring Valley Coal Co., Inc.													
3878BC10	L.K.	28	-	-	-	-	-	-	-	-	-	-	
Stahlman Coal Co., Inc., W. P.													
33800141	Clarion/Brookville	30	-	-	-	-	-	-	-	-	-	-	
38A76SM21	Clarion	26	-	-	-	-	-	-	-	931,167	13,048	2,966*	
38A77SM43	L.K.	28	-	-	-	-	-	-	-	393,970	7,491	1,702*	
										TOTAL	1,325,137	20,539	4,668
Stanford, Richard P.													
3874SM29	L.K.	24	-	-	-	-	-	-	-	-	-	-	
3876SM10	L.K.	24	-	-	-	-	-	-	-	-	-	-	
Sterr Coal Co.													
33800112	U.L.F.	28	-	-	-	-	-	-	-	138,945	5,074	24,850%	
3870BSM6	L.F./U.K.	-	-	-	-	-	-	-	-	-	-	-	
										TOTAL	138,945	5,074	24,850
Strishock Coal Co.													
3068BSM1	L.M.K.	16	-	-	-	-	-	-	-	-	-	-	
3069BSM3	L.M.K.	16	-	-	-	-	-	-	-	-	-	-	
33800107	L.M.K.	16	-	-	-	-	-	-	-	-	-	-	
33800135	M.K.	16	-	-	-	-	-	-	-	10,075	60	92	
33820116	L.M.K.	16	-	-	-	-	-	-	-	-	-	-	
										TOTAL	10,075	60	92

JEFFERSON COUNTY (Cont)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 :			
Sugar Hill Limestone Co. 3872SM6	U.L.F.	30	-	-	-	-	-	-	-	-	-	318,375	16,336	-
38A77SM20	M.K.	18	-	-	-	-	-	-	-	-	-	76,420	23,992	-
38A77SM32	L.K.	22	-	-	-	-	-	-	-	-	-	61,935	9,877	-
TOTAL											456,730	50,205	-	
T & T Co. 3875SM58	L.F.	26	-	-	-	-	-	-	-	-	-	-	-	-
Thomas Fuels, Inc. 38A76SM17	Freeport	22	-	-	-	-	-	-	-	-	-	-	-	-
Thompson Fuel Co. 33810105-01-4	U. & L. Clarion	20-24	-	-	-	-	-	-	-	-	-	-	-	-
Valier Mining 3379127	L.F.	36	-	-	-	-	-	-	-	-	-	-	-	-
33820154	L.F.	48	-	-	-	-	-	-	-	-	-	-	-	-
33840103	L.F.	40	-	-	-	-	-	-	-	-	-	-	-	-
Vendale Coal Co., Inc. 33820210	Freeport	-	-	-	-	-	-	-	-	-	-	-	-	-
Yenzi, John, Jr. 33810120	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL											19,993,924	393,697	257,995	

NOTE:

- * Caps
- # Primacord
- @ Bionic B Mix
- ¢ LB ANFO
- % A Nitrate Wet Pack

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

LAWRENCE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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			
Ambrosia Coal & Construction Co.														
2566BSM38	Brookfield	30	-	-	-	-	-	-	-	-	-	69,740	20,050	-
3177SM9	Kittanning	30	-	-	-	-	-	-	-	-	-	62,100	14,980	-
37820102	Kittanning	30	-	-	-	-	-	-	-	-	-	148,940	42,800	-
37820108	Kittanning	30	-	-	-	-	-	-	-	-	-	24,800	7,810	-
TOTAL											305,580	85,640	-	
Amerikohl Mining, Inc.														
37820110	L.F.	32	-	-	-	-	-	-	-	-	-	1,191	38	-
37830106	M.K.	30	-	-	-	-	-	-	-	-	-	5,971	200	-
37830108	U.L.F.	42-48	-	-	-	-	-	-	-	-	-	31,927	1,061	-
TOTAL											39,089	1,299	-	
Bessemer Cement Co.														
2567BSM6	Allegheny	36	-	-	-	-	-	-	-	-	-	-	-	-
Blum Coal Co.														
3379105	Pittsburgh	30	-	-	-	-	-	-	-	-	-	-	-	-
Carlson Mining														
37810109	Mid. Kitt.	29	-	-	-	-	-	-	-	-	-	540,168	9,833	-
Duff, Glen W.														
37820109	Mid. Kitt.	28	-	-	-	-	-	-	-	-	-	-	-	-
Kerry Coal Co.														
3174SM1	Mid. Kitt.	28	-	-	-	-	-	-	-	-	-	-	-	-
3174SM3	Mid. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 5020														
Medusa Cement Co.														
2566BSM37	Lo. Free.	24	-	-	-	-	-	-	-	-	-	220,333	1,954	-
3779103	Vanport	30	-	-	-	-	-	-	-	-	-	1,351,660	50,360	-
TOTAL											1,571,993	52,314	-	

LYCOMING COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft	Slope	Drift	Lamps	Used	Gas	Flame	Elec		Ammonium Nitrate	Dynamite
Fisher Mining Co. 4770BSM10	U.M.L. Kitt./ L. Free.	-	-	-	-	-	-	-	-	-	1,341,686	133,104	-
COUNTY TOTAL										1,341,686	133,104	-	

MERCER COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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- eous:	Non- eous:	Open- Safety:	Flame Elec- tric :		
Lucas Coal Co., Inc. 43800101(a)	Unknown	-	-	-	-	-	-	-	-	-	-	-
Magnum Minerals, Inc. 43800101	L.K.	45	-	-	-	-	-	-	-	-	-	-
43820108	Brookville	43	-	-	-	-	-	-	-	-	-	-
Perry Bros. Coal Co. 3074SM1	Brookville	27	-	-	-	-	-	-	-	857,366	103,743	7,729*
3077SM5	Brookville	34	-	-	-	-	-	-	-	-	-	-
37830104	Brookville/Clarion	34	-	-	-	-	-	-	-	-	-	-
TOTAL										857,366	103,743	7,729
Rusnak Coal Co. 4379103	Brookville	54	-	-	-	-	-	-	-	-	-	-
Sunbeam Coal Corp. 43753028	Mercer	48	-	-	-	-	-	-	-	-	-	-
Willowbrook Mining Co. 3070BSM6	Brookville	48	-	-	-	-	-	-	-	564,115	132,215@	3,223#
43830102	M.K.	42	-	-	-	-	-	-	-	134,065	13,185@	684#
TOTAL										698,180	145,400	3,907
COUNTY TOTAL										1,555,546	249,143	11,636

NOTE:

- (a) Limited data taken from monthly report
- * Caps
- @ Wet Hole
- # Primers

SYMBOLS FOR GEOLOGICAL NAME OF COAL BED:

- L.K. = Lower Kittanning
- M.K. = Middle Kittanning

SOMERSET COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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			
Action Mining, Inc.														
56663069	Morantown/Sewickley	17	-	-	-	-	-	-	-	-	-	424,820	40,420	9,296
56793032	Pittsburgh Rider	98	-	-	-	-	-	-	-	-	-	401,920	42,336	6,395
56803015	Redstone	48	-	-	-	-	-	-	-	-	-	434,720	40,586	9,553
56813027	U.K.	36	-	-	-	-	-	-	-	-	-	46,860	7,587	174
Auger BAM2001-114	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger BAM2001-168	-	-	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			1,308,320	130,929	25,418
American Mining Co.														
4075SM15	Freeport	27	-	-	-	-	-	-	-	-	-	145,630	95	-
Badger Coal Co., Inc.														
56703107	U.K./L.F.	44	-	-	-	-	-	-	-	-	-	87,350	700	569*
56793064	U.K.	40	-	-	-	-	-	-	-	-	-	4,000	100	84*
									TOTAL			91,350	800	653
Beachy & Beachy Coal Co.														
3366BSM60	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-
Beener, C.E.														
56813068	U.K.	30	-	-	-	-	-	-	-	-	-	9,670	380	-
Bituminous Coals, Inc.														
40A77SM11	U.F.	36	-	-	-	-	-	-	-	-	-	466,707	7,373	2,392*
Coal Junction Coal Co.														
4073SM2	U.F.	32	-	-	-	-	-	-	-	-	-	77,450	18,975	687@
4170BSM5	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
4176SM7	Up. Bakertown	15	-	-	-	-	-	-	-	-	-	-	-	-
56800122	U.L.K.	36-42	-	-	-	-	-	-	-	-	-	8,490	750	225@
56810124	L.F./U.K.	32-48	-	-	-	-	-	-	-	-	-	6,010	3,575	560@
Auger-BAM 2001-162	U.F.	24	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 2001-166	-	-	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			91,950	23,300	1,472

SOMERSET COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 :				
Cooney Bros. Coal Co. 4174SM3	Mercer/Brookville	24-42	-	-	-	-	-	-	-	-	-	300,000	15,600	3,000*	
Croner, Inc. 3366BSM80	Pittsburgh	54	-	-	-	-	-	-	-	-	-	-	-	-	
56663904	Sewickley/Redstone	20-48	-	-	-	-	-	-	-	-	-	722,525	12,413	89,370	
56693080	L.F.	26	-	-	-	-	-	-	-	-	-	-	-	-	
56693080 Auger	L.F.	26	-	-	-	-	-	-	-	-	-	-	-	-	
56723082	U.F.	36	-	-	-	-	-	-	-	-	-	375,240	4,788	34,500	
56753090	Redstone/Blacklick	48	-	-	-	-	-	-	-	-	-	425,665	3,925	10,500	
56803093	U.K.	34	-	-	-	-	-	-	-	-	-	360,250	2,193	7,050	
56823004	Federal Hill		-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	1,883,680	23,193	141,420
Delta Mining, Inc. 56753022	Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	
56803014	Mercer	38	-	-	-	-	-	-	-	-	-	228,036	7,890	-	
56823007	Little Pitts.	24	-	-	-	-	-	-	-	-	-	36,950	48,000	-	
56823040	L.U. Bakerstown	16-20	-	-	-	-	-	-	-	-	-	226,760	2,812	-	
56753029	Freeport/Kittanning	24-36	-	-	-	-	-	-	-	-	-	406,865	399	-	
56813012	Freeport	28	-	-	-	-	-	-	-	-	-	-	20	-	
												TOTAL	898,611	59,121	-
Diamond T Coal Co. 33698SM33	U.L.F./M.L.K.	24-72	-	-	-	-	-	-	-	-	-	1,975,937	2,102	9,867#	
41708SM3	U.L.F./U.M.L.K.	24-72	-	-	-	-	-	-	-	-	-	1,975,937	2,102	9,867#	
												TOTAL	3,951,874	4,204	19,734
Dixon Excavating Co., Inc. 568001260	M.K.	28	-	-	-	-	-	-	-	-	-	95,110	2,550	974*	
East Ridge Mining, Inc. 56800125	L.U.K./L.U.F.	14-60	-	-	-	-	-	-	-	-	-	25,000	250	-	
56820106	U.L.F.	24-28	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	25,000	250	-

SOMERSET COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening				Number and Type				Pounds of Explosives Used		Other Permis- sible (Name)	
			Shaft	Slope	Drift		Lamps	Non-	Gas-	Flame	Elec-	Ammonium Nitrate		Dynamite
			Depth	Length	Degrees	Drift	eous	eous	Open	Safety	tric			
East Winder Coal Co.														
56810106	L.K.	42	-	-	-	-	-	-	-	-	-	-	-	-
56820120	L.K.	42	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 2001-145	L.K.	42	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 2001-161	L.K.	42	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL					
Fetterolf Coal Co., Inc. M.F.														
3366BSM62	U.F.	48	-	-	-	-	-	-	-	-	-	179,865	-	-
4072BSM2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4072BSM11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4073SM1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			179,865	-	-
Fetterolf Mining, Inc.														
4173SM8	Freeport/U.K.	30-32	-	-	-	-	-	-	-	-	-	1,471,809	11,568	3,411*
4175SM1	Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-
4176SM6	Clarion	28	-	-	-	-	-	-	-	-	-	-	-	-
56723092	L.K.	30	-	-	-	-	-	-	-	-	-	-	-	-
56743025	Freeport/U.K.	36	-	-	-	-	-	-	-	-	-	-	-	-
56773052	L.F.	24	-	-	-	-	-	-	-	-	-	-	-	-
56803043	Freeport/U.K.	30-32	-	-	-	-	-	-	-	-	-	570,193	4,482	1,322*
56833009	Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			2,042,002	16,050	4,733
Godin & Godin Coal, Inc.														
56800107	U.K.	42	-	-	-	-	-	-	-	-	-	-	-	-
56823013	L.K.	36	-	-	-	-	-	-	-	-	-	-	-	-
56823056	U.F.	34	-	-	-	-	-	-	-	-	-	257,080	1,614	429*
56830108	U.F.	36	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			257,080	1,614	429

SOMERSET COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 Open:	Elec- tric :			
H & H Coal Co. 40A78SM3	M.L.K./Rider	15-18	-	-	-	-	-	-	-	-	85,473	1,789	595*
5679104	U.L.F.	15-36	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 2001-165	L.K.	42	-	-	-	-	-	-	-	-	-	-	-
TOTAL											85,473	1,789	595
Hilltop Mining, Inc. 56823055	Bakerstown	22	-	-	-	-	-	-	-	-	96,235	812	-
56830106	Bakerstown	22	-	-	-	-	-	-	-	-	16,984	166	-
TOTAL											113,219	978	-
Ilers Run Coal Co., Inc. 40A78SM6	Freeport	12-20	-	-	-	-	-	-	-	-	-	-	3,100
J&R Coal Co. 5679203	Refuse	-	-	-	-	-	-	-	-	-	-	-	-
L&L Mining 56810130	Freeport/Kittanning	18-34	-	-	-	-	-	-	-	-	62,325	2,448	848
Lochrie, Gilbert 56820140	Freeport	19	-	-	-	-	-	-	-	-	-	-	-
56823097	Kittanning	22-44	-	-	-	-	-	-	-	-	5,000	-	-
TOTAL											5,000	-	-
McClintock, J. Lloyd 4073SM8	U.L.F.	24	-	-	-	-	-	-	-	-	132,181	2,825**	-
Met Co. Mining and Minerals, Inc. 4074SM27	Bakertown	24	-	-	-	-	-	-	-	-	60,000	14,000	-
N.S.M. Coals, Inc. 56813006	L.M.K.	36-48	-	-	-	-	-	-	-	-	9,033	34,690	2,550##
Onyx Corp. 56830904	U.F.	60	-	-	-	-	-	-	-	-	-	-	-

SOMERSET COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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- :ous: :ous:	Flame :Elec- :tric :	Ammonium Nitrate	Dynamite		
PBS Coals, Inc.													
40A77SM12	Brookville	60	-	-	-	-	-	-	-	-	-	-	
56713039-02	U.L.F./U.K.	36-42	-	-	-	-	-	-	-	-	1,841,376	12,062	5,707#
56733038	U.L.F./U.K.	24-36	-	-	-	-	-	-	-	-	876,648	35,464	-
567530-24	U.F./L.K.	24-42	-	-	-	-	-	-	-	-	392,545	23,650	6,014#
56773028	L.F./U.K.	24-36	-	-	-	-	-	-	-	-	873,636	8,625	96#
Auger-BAM 2001-176	U.K.	42	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 2001-183	U.L.F.	30-36	-	-	-	-	-	-	-	-	-	-	-
TOTAL								TOTAL			3,984,205	79,801	11,817
Penn Pocahontas Coal Co., Inc.													
40A77SM4	Morantown/Pitts/Redstone	24-60	-	-	-	-	-	-	-	-	85,172	8,862	2,421*
Penn Pocahontas Coal Co., Inc.													
3366BSM83	U.F./Rider	24-36	-	-	-	-	-	-	-	-	-	-	-
3366BSM84	U.L.F./Rider	18-24	-	-	-	-	-	-	-	-	-	-	-
4072SM12	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
56800133	Morantown/Pitts/Redstone	12-48	-	-	-	-	-	-	-	-	-	-	-
56810127	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL								TOTAL			-	-	-
Potochar & Potochar Coal Co.													
5684090	U.K.	40	-	-	-	-	-	-	-	-	-	-	-
Ratay Coal, Inc.													
56810211-01-0	GOB	-	-	-	-	-	-	-	-	-	-	-	-
Reimer, Inc.													
3366BSM100AT	U.L.F.	24	-	-	-	-	-	-	-	-	1,290,372	4,956	75,913
Richland Resources, Inc.													
5679122	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
56810134	Unknown	-	-	-	-	-	-	-	-	-	-	-	-

SOMERSET COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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- :tric :	Ammonium Nitrate	Dynamite			
Sanner Energies, Inc.	Brushcreek	24	-	-	-	-	-	-	-	-	182,335	22,685	1,474	
56813005		Brushcreek/U.F.	17-24	-	-	-	-	-	-	-	-	76,625	13,336	895
56823010														
											TOTAL			
											258,960	36,021	2,369	
Sanner, Woodrow	Black K. Diamond Venture	30	-	-	-	-	-	-	-	-	-	-	-	
56830112		30	-	-	-	-	-	-	-	-	-	-	-	
56830903														
Schmidt Coal Co., William	L.K.	60	-	-	-	-	-	-	-	-	-	-	-	
56709106		60	-	-	-	-	-	-	-	-	-	-	-	
Scurfield Coal, Inc.	U.L.F./U.K.	36	-	-	-	-	-	-	-	-	423,700	1,533	1,712*	
56733072		32	-	-	-	-	-	-	-	-	119,900	577	410*	
56743075	U.L.F./M.K.	32	-	-	-	-	-	-	-	-	121,740	800	761*	
56793071	L.F./U.K.	32-60	-	-	-	-	-	-	-	-				
											TOTAL			
											665,340	2,910	2,883	
Shade Mining Co.	M.K.	36	-	-	-	-	-	-	-	-	-	-	-	
4173SM6		32-36	-	-	-	-	-	-	-	-	-	-	-	
46800132	L.U.F.	28-30	-	-	-	-	-	-	-	-	150,240	8,640	-	
56810109	M.K./L.F.	28-30	-	-	-	-	-	-	-	-	43,875	840	-	
56810120	L.M.K.	28-36	-	-	-	-	-	-	-	-	4,675	845	-	
Auger-BAM 2001-153 and 2001-160	L.U.F.	32-36	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-158	M.K.	30	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL			
											198,790	10,325	-	
Shaffer Brothers	U.K.	42	-	-	-	-	-	-	-	-	37,051	200	513*	
56830104		42	-	-	-	-	-	-	-	-	-	-	540*	
Auger-BAM 2001-173	U.K.	42	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL			
											37,051	200	1,053	

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SOMERSET COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 :				
Soberdash Coal & Coke Co.															
3367BSM13	Brookville	42	-	-	-	-	-	-	-	-	-	39,640	749	10,100	
4073SM7	Brookville	42	-	-	-	-	-	-	-	-	-	141,275	990	23,700	
5679113	Brookville	42	-	-	-	-	-	-	-	-	-	450,017	7,987	116,896	
												TOTAL	630,932	9,726	150,696
Sun Coal Co.															
56810101	Redstone	36	-	-	-	-	-	-	-	-	-	-	-	-	
46810105	Bakerstown	28	-	-	-	-	-	-	-	-	-	-	-	-	
56810107	Elklick	36	-	-	-	-	-	-	-	-	-	-	-	-	
Svonavec, Inc.															
4072SM18	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	269,327	
4076SM9	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	253,787	
56800116	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	
56823030	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	
56830105	Brushcreek	26	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-172	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	-	-	523,114
Three S Coal Co.															
5600130	L.K.	60	-	-	-	-	-	-	-	-	-	111,635	2,371	1,131*	
56813018	Wellersburg	36	-	-	-	-	-	-	-	-	-	-	-	-	
56820124	L.K.	72	-	-	-	-	-	-	-	-	-	22,950	1,399	319*	
												TOTAL	134,585	3,770	1,450
Triple G. Coal Co., Inc.															
56803074	U.L. Bakerstown	24-36	-	-	-	-	-	-	-	-	-	17,775	-	49	
W W Coal Co.															
4176SM4	L.U.K.	42-48	-	-	-	-	-	-	-	-	-	282,000	11,730	1,711*	

SOMERSET COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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- tric :	Ammonium Nitrate	Dynamite	
			Depth:	Length:	Degrees:	Gas- eous:	Non- gas- eous:	Open- Safety:			
Walker Excavating 56823035	Pitts	48	-	-	-	-	-	-	65,205	-	-
Windber High Standard Coal Co. 3367BSM1	U.L.F./L.M.K.	37	-	-	-	-	-	-	37,295	1,141	-
4170BSM2	M.K./L.F.	35	-	-	-	-	-	-	-	-	-
4176SM8	L.M.K.	44	-	-	-	-	-	-	39,300	893	-
5679118	Brushcreek	24	-	-	-	-	-	-	-	-	-
56800112	Redstone	36	-	-	-	-	-	-	-	-	-
56810103	U. Bakerstown	33	-	-	-	-	-	-	255,982	6,063	-
Auger-BAM 2001-127	L.F.	30	-	-	-	-	-	-	-	-	-
Auger-BAM 2001-144	L.F.	30	-	-	-	-	-	-	-	-	-
TOTAL									332,577	8,097	-
Yellow Run Coal Co. 56663037	U.K.	36	-	-	-	-	-	-	649,918	11,547	-
Zubeck Inc. 3366BSM49	U.K.	28	-	-	-	-	-	-	150,000	1,750	-
COUNTY TOTAL									20,875,222	519,410	980,794

Note: * Caps
@ Gel
Cast Booster
** Atlas
Slurry
% Primers

Symbols for Geological Name of Coal Bed:

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

TIOGA COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 :				
Antrim Mining, Inc.	L. & M. Kitt.	24-39	-	-	-	-	-	-	-	-	-	1,370,467	218,113	-	
59820101	Middle Kitt.	26	-	-	-	-	-	-	-	-	-	587,343	93,477	-	
												TOTAL	1,957,810	311,590	-
Jones & Brague Mining Co.	Lo. Kitt.	36	-	-	-	-	-	-	-	-	-	652,824	1,409	-	
4733SM6	Lo. Kitt.	36	-	-	-	-	-	-	-	-	-	127,903	455	-	
59800101-01-0												TOTAL	780,727	1,864	-
												COUNTY TOTAL	2,738,537	313,454	-

VENANGO COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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-	Flame :	Elec-	Ammonium		Dynamite	
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Ancient Sun, Inc. 6179108	Up. & Lo. Clarion	24	-	-	-	-	-	-	-	-	-	177,740	7,751	-
F W & R R, Inc. 6179107	Clarion	30	-	-	-	-	-	-	-	-	-	88,290	2,180	-
H & D Coal Co. 61800102	Brookville	36	-	-	-	-	-	-	-	-	-	8,559,160	1,210,242*	26,671#
61820102	Brookville	30	-	-	-	-	-	-	-	-	-	573,415	163,205*	4,627#
61820109	Clarion	30	-	-	-	-	-	-	-	-	-	2,089,420	249,175*	12,098#
						TOTAL						11,221,995	1,622,622	43,396
H & G Coal & Clay Co., Inc. 61810103	Clarion	50	-	-	-	-	-	-	-	-	-	364,890	6,976	39,775*
Kerry Coal Co. 3778SM5C	L.K.	20	-	-	-	-	-	-	-	-	-	27,310	550	579
Pengrove Coal Co. 3775SM12	Brookville	32	-	-	-	-	-	-	-	-	-	-	-	-
61810105	Clarion/M.K.	32	-	-	-	-	-	-	-	-	-	761,625	141,405*	4,145#
61820104	Brookville	30	-	-	-	-	-	-	-	-	-	450,321	22,290*	4,047#
61820105	Clarion/M.K.	32	-	-	-	-	-	-	-	-	-	3,818,850	550,910*	21,166#
						TOTAL						5,030,796	714,605	29,358
Rockland Mining Co. 61810101-01	U.L. Clarion	16-20	-	-	-	-	-	-	-	-	-	315,875	7,700	-
Romanko Brothers Enterprises, Inc. 3775SM19	Brookville	26	-	-	-	-	-	-	-	-	-	-	-	-
Vendale Coal Co., Inc. 61810102	Clarion	50	-	-	-	-	-	-	-	-	-	228,840	14,040	237,686
						COUNTY TOTAL						17,455,736	2,376,424	350,794

Note: * Wet Hole
Primers

Symbols for geological name of coal bed:
LK - Lower Kittanning
MK - Middle Kittanning

WASHINGTON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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- tric	Ammonium Nitrate	Dynamite				
			:Depth:	Length:	Degrees:	:Drift:	eous:	eous:	Open:	Safety:				
Bologna Mining Co.														
2668BSM1	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	1,177,295	8,450	222,690*	
3277SM3	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	408,596	4,325	30,150*	
63820102	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	141,400	1,720	8,200	
											TOTAL	1,727,291	14,495	261,040
Goodall Robert B.														
63820101	Pittsburgh	132	-	-	-	-	-	-	-	-	-	-	-	
KES Enterprises, Inc.														
License No. 101139														
3274SM8	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
63810202	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
Latchem's Transfer, Inc.														
License No. 101778														
63810103	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
Luzerne Coal Corp.														
License No. 100750														
6379114	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
Midway Coal Co.														
63703019	Pittsburgh	48-50	-	-	-	-	-	-	-	-	-	-	-	
63723023	Pittsburgh	48-50	-	-	-	-	-	-	-	-	3,135,540	27,750@	171,000#	
63820106	Pittsburgh	48-50	-	-	-	-	-	-	-	-	-	-	-	
Pangersis Coal Co.														
63800105	Pittsburgh	60	-	-	-	-	-	-	-	-	110,130	5,962	-	
Parnell, James														
License No. 101587														
63810108	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
Pennweir Construction Co.														
2268BSM1	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	933,222	-	172,330	
6379103	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	150,910	-	112,310	
63823022	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	1,049,874	-	233,140	
63840102	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	337,558	-	24,435	
											TOTAL	2,471,564	-	542,215

WASHINGTON COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 :		Ammonium Nitrate	Dynamite				
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
Petricca, James 63830101	Pittsburgh	54	-	-	-	-	-	-	-	-	-	-	-	-	
Rostosky Coal Co., Joseph 3274SM41	Waynesburg	48	-	-	-	-	-	-	-	-	-	-	-	-	
Stash Brothers, Inc. License No. 102097 3277SM1	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stefkovich Bros., Inc. 2666BSM3	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	
63800104	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	
Twilight Industries, Div. of U.S. Natural Res., Inc. 32A77SM5	Waynesburg	42	-	-	-	-	-	-	-	-	-	-	-	-	
6379112	Waynesburg	42	-	-	-	-	-	-	-	-	-	457,130	3,028	-	
63810101	Waynesburg	42	-	-	-	-	-	-	-	-	-	5,550	65	-	
												TOTAL	462,680	3,103	
Westmont Coal Co. 63783006	Waynesburg	36	-	-	-	-	-	-	-	-	-	2,760,000)	40,000)	171,000#	
63793027	Waynesburg	36	-	-	-	-	-	-	-	-	-	-)	-)	-	
63810102	Waynesburg	36	-	-	-	-	-	-	-	-	-	-)	-)	-	
												TOTAL	2,760,000	40,000	-
												COUNTY TOTAL	10,667,205	91,310	974,255

Note: * Water Powder
@ Unigel
B-Mix

WESTMORELAND COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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 :		
Acme Drilling License No. 102161 32820102	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Anseel, Earl 65663009	Redstone	50	-	-	-	-	-	-	-	-	-	-	-
Bentley Coal Co., Inc. 65820117	Sewickley	30	-	-	-	-	-	-	-	-	-	529,391	8,999
Cratty, Gower & Hyduke, Inc. 3476SM17	Redstone/Pgh.	48-72	-	-	-	-	-	-	-	-	-	114,550	-
Auger-BAM 3144	Redstone	48	-	-	-	-	-	-	-	-	-	-	-
Eidemiller, Inc., Adam 3470SM7	N/A	N/A	-	-	-	-	-	-	-	-	-	-	-
Firestone Coal, Inc. License No. 101556 34713M10	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Gary John Associates License No. 101528 1011010	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Hartman Enterprises, Inc., William P. 65823041	Pittsburgh	80	-	-	-	-	-	-	-	-	-	-	-
65830901	Redstone	54	-	-	-	-	-	-	-	-	-	-	-
Latimer Bros. 3472SM1	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
65800109	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
65803046	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
65813047	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
65813048	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
65823067	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
65830106	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-

WESTMORELAND COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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:	Gas-	gas-	Open:	Safety:	tric :	Nitrate		
Latimer Construction, Inc. 65830117	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-
M.B. Energy, Inc. License No. 102257 65810113	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
65820121	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
65823003	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
65830101	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
65830122	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
M & S Mining Co., Inc. 34A78SM1/65783063	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-	-
Mikel Coal Co. 6580125	Redstone	42	-	-	-	-	-	-	-	-	-	-	-	-
65810101	Redstone	42	-	-	-	-	-	-	-	-	-	-	-	-
Mineral Resources, Inc. 65840112	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-	-
North Cambria Fuel Co. 3473SM8	Bakerstown	34	-	-	-	-	-	-	-	-	-	66,009	810	28,600
3474SM61	L.F.	42	-	-	-	-	-	-	-	-	-	26,170	148	7,566
34A76SM3T	Pittsburgh	N/A	-	-	-	-	-	-	-	-	-	-	-	-
34A78SM4	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
65783015	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
6579110	Redstone	23	-	-	-	-	-	-	-	-	-	189,598	2,052	20,488
65793007	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
65810107	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
65810108	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
65813005	Pittsburgh	72	-	-	-	-	-	-	-	-	-	62,270	490	12,232
65813023	Pittsburgh	72	-	-	-	-	-	-	-	-	-	223,596	2,607	33,451
Auger-BAM 3179 and 3186	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL												567,643	6,107	102,337

WESTMORELAND COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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:	Elec- tric :		
Overly, L.W. 3471BSM19	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Paulisick Jr., Excavating, Pete 65830104	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Paulisick, Robert M. 3475SM30	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Pavalonis - Kirch Construction Co. 65813021	Redstone/Pittsburgh	45-78	-	-	-	-	-	-	-	-	-	-	-
65813056	Pittsburgh	78	-	-	-	-	-	-	-	-	-	-	-
Pennweir Construction Co. License No. 100713	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
2668BSM1	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
63823022	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Salem Fuel Co., Inc. 65803069	Redstone	28-36	-	-	-	-	-	-	-	-	-	-	-
Smith's Blacktop Paving Co. License No. 101268	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
34A78BC14	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Smith & Son, Inc., Ralph 65800108	Pittsburgh	72	-	-	-	-	-	-	-	-	-	29,780	336
65830103	Pittsburgh	72	-	-	-	-	-	-	-	-	-	19,570	139
TOTAL											49,440	475	-
Smith, Victor P. 3472SM10	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
65830114	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Soberdash Coal Co. 6579117	Redstone	30	-	-	-	-	-	-	-	-	-	6,050	565
65810118(65813057)	Redstone	30	-	-	-	-	-	-	-	-	-	2,400	135
TOTAL											8,450	700	10,925

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WESTMORELAND COUNTY (Cont.)

Operators and Mines/ or Mine Drainage Permit No.	Geological Name of Coal Bed	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	Non- gas-	Flame	Elec- tric			
Windber High Standard Coal Co. 65820101	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Y and S Maintenance, Inc. License No. 102173 65820116	Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Yukon Energies, Inc. 65823007	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL											1,269,474	16,281	121,476

Note:

* B-Mix, Unigel.

L.F. = Lower Freeport