

CLEARFIELD 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	Open:	Safety:	Electric:	Ammonium Nitrate		Dynamite		
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	:	:	:					
AME Enterprises, Inc.																
17793044	L.&M.K.	30	-	-	-	-	-	-	-	-	-	343,200	3,432	-		
17803045	M.U.K./L.F.	12-18-26	-	-	-	-	-	-	-	-	-	812,000	4,640	-		
17813046	M.U.K.	24-28	-	-	-	-	-	-	-	-	-	72,000	360	-		
17820181	U.M.K.	14-28	-	-	-	-	-	-	-	-	-	445,800	2,961	-		
17830104	L.K./Rider	8-36	-	-	-	-	-	-	-	-	-	685,800	2,996	-		
17840123	M.U.K./L.F.	10-12-24	-	-	-	-	-	-	-	-	-	575,500	3,124	-		
												TOTAL	2,934,300	17,513	-	
Arcadia Co., Inc.		27-30														
17813124	M.U.K./U.L.F.	40-20	-	-	-	-	-	-	-	-	-	1,652	2,725*	-		
Andray Mining Co.																
1779109/Auger BAM40054	L.F./M.U.K./Bastard	36-24-12	-	-	-	-	-	-	-	-	-	233,445	3,997	-		
Ashcroft Coal Co.																
17820109	Clarion	36	-	-	-	-	-	-	-	-	-	-	-	-		
Avery Coal Co., Inc.																
17800104	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
17800109	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Baumgardner Coal Co., Inc. Larry D.																
17803029	L.K.	28	-	-	-	-	-	-	-	-	-	57,607	1,750	7,475 ⁰		
17840112	U.K.	32	-	-	-	-	-	-	-	-	-	-	-	-		
												TOTAL	57,697	1,750	7,475	
Bender Coal Co., E. P.																
17830117	U.L.F./U.M.K.	24-38-26-23	-	-	-	-	-	-	-	-	-	291,450	5,219	-		
Benjamin Coal Co.																
17674007	L.K.	32	-	-	-	-	-	-	-	-	-	-	-	-		
17733183	U.K.	30	-	-	-	-	-	-	-	-	-	4,321,300	62,300	2,900		
17764031	L.F./L.M.K./Rider	36-38-26-23	-	-	-	-	-	-	-	-	-	-	-	-		
1779129	U.K./L.F.	30-34	-	-	-	-	-	-	-	-	-	467,603	6,700	300		
17800116	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
17800144	L.K./L.F.	25-26-36	-	-	-	-	-	-	-	-	-	568,100	8,100	400		
17814000	U.K./L.F.	28	-	-	-	-	-	-	-	-	-	-	-	-		
17810120	L.&U.F.	24	-	-	-	-	-	-	-	-	-	1,429,600	21,300	900		
17810158	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
17823190 and 17810112	L.U.F.	24	-	-	-	-	-	-	-	-	-	-	-	-		
17820102	L.U.F.	25	-	-	-	-	-	-	-	-	-	-	-	-		

CLEARFIELD 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	Flame	Elec- tric	Ammonium Nitrate	Dynamite			
			Depth:	Length:	Degrees:	Drift:	Gas:	Gas:	Open:	Safety:			
Benjamin Coal Co. (Continued)													
17820132	L.M.U.K./Rider	36-28-33-18	-	-	-	-	-	-	-	-	1,335,800	19,000	900
17840153	U.K.	26	-	-	-	-	-	-	-	-	482,300	6,800	300
4377SM9	L.F./U.K.	26-30	-	-	-	-	-	-	-	-	-	-	-
4377SM22	U.F.	24	-	-	-	-	-	-	-	-	592,500	8,400	400
4378SM4	-	-	-	-	-	-	-	-	-	-	-	-	-
4470BSM8	L.M.U.K./Rider	36-28-33-18-36	-	-	-	-	-	-	-	-	398,700	5,700	-
4570BSM16	-	-	-	-	-	-	-	-	-	-	-	-	-
4576SM10	-	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL		9,595,903	138,300	6,100
Bison Coal Co., Inc.													
17793025	L.M.K.	27-30	30	-	-	-	-	-	-	-	8,140	100	-
Bowman, W.C.													
17703032	U.K.	28	-	-	-	-	-	-	-	-	-	-	-
Brown, Inc., E. M.													
17743020	Clarion	30	-	-	-	-	-	-	-	-	93,820	580	-
17773008	U.K.	24	-	-	-	-	-	-	-	-	16,830	223	-
17803023	Clarion/L.K.	30	-	-	-	-	-	-	-	-	200,730	2,106	-
17813024	L.M.K.	24	-	-	-	-	-	-	-	-	272,235	1,312	-
17850137	Clarion/Brookville	30	-	-	-	-	-	-	-	-	361,816	3,192	-
17820175	L.K.	50	-	-	-	-	-	-	-	-	-	-	-
17840139	Clarion/Brookville	30	-	-	-	-	-	-	-	-	93,069	821	-
17840904	-	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL		1,038,500	8,234	-
Bumbarger & Son, H.													
17820113	L.K.	18	-	-	-	-	-	-	-	-	7,360	412	1,534*0
17840115	L.K.	18	-	-	-	-	-	-	-	-	39,020	466	4,262*0
									TOTAL		46,380	878	5,796
Cambria Coal Co.													
17803062	-	-	-	-	-	-	-	-	-	-	-	-	-
17803062 Auger	-	-	-	-	-	-	-	-	-	-	-	-	-
Cambria Mills Coal Co., Inc.													
17743033	-	-	-	-	-	-	-	-	-	-	-	-	-
17803034	-	-	-	-	-	-	-	-	-	-	-	-	-

335

CLEARFIELD 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:	Non- :gas- :eous:	Flame :Elec- :tric :	Ammonium Nitrate		Dynamite	
Carlin, Inc., R. S. 17793140	U.M.K.	12-24	-	-	-	-	-	-	-	-	1,659,310	18,146	9,427
Central Pa. Coal Co., Inc. 1773157	U.F.	24	-	-	-	-	-	-	-	-	194,230	5,964	29,105@
177913501	U.F.	24	-	-	-	-	-	-	-	-	-	-	-
17800136	U.F.	24	-	-	-	-	-	-	-	-	427,118	7,375	22,500@
17810130	-	-	-	-	-	-	-	-	-	-	1,426,042	71,411	191,656
											<u>2,047,390</u>	<u>84,750</u>	<u>243,261</u>
Chew's Contracting Co., Inc. 17810132	Clarion	30	-	-	-	-	-	-	-	-	-	-	-
Cowfer Contracting Co., Inc., James I. 17820152	U.K.	28	-	-	-	-	-	-	-	-	262,325	5,532	53,313
3266BSM76 and 4471BSM19	M.K.	28	-	-	-	-	-	-	-	-	367,625	5,524	28,320
											<u>629,950</u>	<u>11,056</u>	<u>81,633</u>
D & M Mining Corp. 17820183	L.F.	24	-	-	-	-	-	-	-	-	176,200	3,884	981*
Dominion International, Inc. 17794030	U.F.	24	-	-	-	-	-	-	-	-	195,023	2,373	918
Dressler Coal Co. 17793118	L.F.	26	-	-	-	-	-	-	-	-	-	-	-
Edmunds Contracting & Supply Co., Inc. 17800148	L.U.F.	24	-	-	-	-	-	-	-	-	1,095,575	-	39,935#
17813156	U.F./Mahoning	16-30	-	-	-	-	-	-	-	-	376,093	-	13,709#
17820119	L.F.	24	-	-	-	-	-	-	-	-	16,352	-	596#
17840138	L.U.F.	20	-	-	-	-	-	-	-	-	147,167	-	5,364#
											<u>1,635,187</u>	<u>-</u>	<u>59,604</u>
Empire Coal Co. 4374SM14	-	-	-	-	-	-	-	-	-	-	-	-	-
Fahr Coal Co. 17743019	M.K.	28	-	-	-	-	-	-	-	-	75,530	2,793	-
Flango Bros. Coal, Inc. 17810116	-	-	-	-	-	-	-	-	-	-	-	-	-
17820108	-	-	-	-	-	-	-	-	-	-	-	-	-
Forcey Coal, Inc. 1784151	U.F.	38	-	-	-	-	-	-	-	-	-	-	-
4578SM2	L.K.	40	-	-	-	-	-	-	-	-	-	-	-

CLEARFIELD COUNTY (Cont.)

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			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	Ammonium Nitrate	Dynamite		
			:Depth:	Length:	Degrees:	Drift:	:Gas-:gas-:	:Flame :	Elec-:				
Glacial Minerals, Inc. 17830122	Freeport	-	-	-	-	-	-	-	-	-	-	-	
Glen Irvan Corp. 17783154	M.K.	24	-	-	-	-	-	-	-	45,155	3,207	477*	
17793138	L.M.K.	20-25	-	-	-	-	-	-	-	29,475	268	593*	
17803137	M.U.K.	24	-	-	-	-	-	-	-	-	-	-	
17803139	M.K.	24-26	-	-	-	-	-	-	-	325,855	5,195	3,604*	
17803147	U.K.	24-26	-	-	-	-	-	-	-	-	-	-	
17813146	U.M.K.	18-24	-	-	-	-	-	-	-	-	-	-	
17813152	M.K.	24	-	-	-	-	-	-	-	-	-	-	
17820156	M.U.K./Rider	22	-	-	-	-	-	-	-	133,988	1,639	1,717*	
17830113	U.F.	22	-	-	-	-	-	-	-	143,600	1,159	1,300*	
4575SM7	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 40097	L.M.K.	20-25	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 40099	U.K.	24-26	-	-	-	-	-	-	-	-	-	-	
										TOTAL	678,073	11,468	7,691
Graham Bros. Lumber Co., Inc. 17820149	Clarion 1,2,3,&4	12-18-4-27	-	-	-	-	-	-	-	-	-	3,775	
17840141	M.U.K.	-	-	-	-	-	-	-	-	-	-	6,438	
										TOTAL	-	-	10,213
Hamilton Contracting Co., AI 17773067	U.L.F.	26	-	-	-	-	-	-	-	305,009	3,323	1,222	
17773155	U.M.K.	30-36	-	-	-	-	-	-	-	519,821	4,502	2,066	
17820106	M.L.K.	20-40	-	-	-	-	-	-	-	978,842	6,300	2,477	
17820178	U.L.F.	26	-	-	-	-	-	-	-	953,939	9,503	3,654	
17803167	U.L.F.	24-30	-	-	-	-	-	-	-	768,375	8,941	3,114	
17803176	M.L.K.	10-30	-	-	-	-	-	-	-	431,062	8,578	3,964	
17793169	U.M.K.	24-36	-	-	-	-	-	-	-	205,351	7,190	3,395	
17803163	U.M.K.	12-30	-	-	-	-	-	-	-	256,989	4,127	1,646	
17820122	U.M.K.	15-30	-	-	-	-	-	-	-	216,938	1,576	604	
17320133	M.K.	15-30	-	-	-	-	-	-	-	256,618	4,599	1,711	
										TOTAL	4,892,895	58,639	23,853
Hamlin Coal Co., Inc. 4371BSMI	-	-	-	-	-	-	-	-	-	-	-	-	

CLEARFIELD 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-:gas-:	Flame :Elec-:	Ammonium Nitrate	Dynamite			
			Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Hanslovan Coal Co., Inc., Ed														
17830123	M.K.	-	-	-	-	-	-	-	-	-	-	33,088	-	-
17850119	M.K.	-	-	-	-	-	-	-	-	-	-	-	-	-
												TOTAL	33,088	-
Hartman, Warren C.														
17830131	U.K.	30	-	-	-	-	-	-	-	-	-	268,798	4,939	913*
17840158	U.K.	30	-	-	-	-	-	-	-	-	-	41,160	922	368*
												TOTAL	309,958	5,861
Hepburnia Coal Co.														
17763130	U.L.F.	24	-	-	-	-	-	-	-	-	-	337,974	2,298	2,136*
17803106	U.L.F.	24	-	-	-	-	-	-	-	-	-	20,980	257	483*
17813128	U.L.F.	24	-	-	-	-	-	-	-	-	-	105,870	2,050	1,313*
17813132	U.F./Mahoning	24	-	-	-	-	-	-	-	-	-	384,150	2,099	2,008*
17820139	U.L.F.	24	-	-	-	-	-	-	-	-	-	797,189	8,494	4,100*
17820168	U.L.F.	24	-	-	-	-	-	-	-	-	-	22,060	800	405*
17820171	L.M.K.	20	-	-	-	-	-	-	-	-	-	77,617	671	938*
17830114	U.L.F.	24	-	-	-	-	-	-	-	-	-	267,265	4,056	1,958*
17830121	U.L.F.	24	-	-	-	-	-	-	-	-	-	53,095	392	407*
												TOTAL	1,766,200	21,117
Jeffrey B Coal Co., Inc.														
1781311	L.F.	28	-	-	-	-	-	-	-	-	-	154,050	836	-
4575SM1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4575SM17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
												TOTAL	154,050	836
Jones Coal Co.														
17830103	U.K.	20	-	-	-	-	-	-	-	-	-	-	-	-
K&J Coal Co., Inc.														
17803026	U.F./Rider	12-18	-	-	-	-	-	-	-	-	-	-	-	-
17830111	U.F./Rider	10-18	-	-	-	-	-	-	-	-	-	819,557	159,837	4,701*
												TOTAL	819,557	159,837
Kasubick Bros. Coal Co.														
17820129	L.K.	20	-	-	-	-	-	-	-	-	-	9,400	360	-
King Coal Sales, Inc.														
17810134	Kittanning	24	-	-	-	-	-	-	-	-	-	589,355	4,256	-
Kitko, Francis B.														
4370BSM1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CLEARFIELD COUNTY (Cont.)

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			Shaft:	Slope	Drift:	:	:	Lamps Used	:	:	Ammonium Nitrate	Dynamite		
			Depth:	Length:	Degrees:	Drift:	Gas- eous:	Gas- eous:	Flame Safety:	Elec- tric :				
Lamkie Coal Co., Inc. 2968BSM13	U.K./L.F.	26-30	-	-	-	-	-	-	-	-	163,400	2,400	100	
Lansberry Coal & Excavating 4479BSM14	L.K.	32	-	-	-	-	-	-	-	-	-	-	-	
Lawrence Resources, Inc. 17820126	U.K./L.F.	42	-	-	-	-	-	-	-	-	78,240	1,746	-	
Long Coal Co., A. W. 17714022	M.K.	15	-	-	-	-	-	-	-	-	-	-	-	
Maney Coal Co., R. L. 1779115	-	-	-	-	-	-	-	-	-	-	-	-	-	
M. B. Energy, Inc. 17813016	U.L.F.	28-29	-	-	-	-	-	-	-	-	75,950	-	138,741	
McDonald Land & Mining Co., Inc. 17733064	L.W.F.	24-28	-	-	-	-	-	-	-	-	346,473	7,219	23,965	
17773066	L.K.	24	-	-	-	-	-	-	-	-	17,092	1,158	4,655	
17773069	U.M.L.K.	26-20-26	-	-	-	-	-	-	-	-	249,355	4,568	26,030	
17820142	L.M.U.K.	24-14-20	-	-	-	-	-	-	-	-	-	-	-	
17820153	L.U.F.	28-24	-	-	-	-	-	-	-	-	808,232	14,440	66,230	
17830125	U.L.F.	22-12	-	-	-	-	-	-	-	-	-	-	-	
17840143	L.M.K.	25-30	-	-	-	-	-	-	-	-	24,252	1,327	125	
17840144	U.L.F.	17-44-29	-	-	-	-	-	-	-	-	295,648	4,958	13,950*	
17850115	U.K./Rider/L.F.	18-12	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 40088	U.L.F.	24-28	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 40106	L.F.	28	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 40113	L.K.	24	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	1,741,052	33,670	134,955
McGovern Coal Co., Clair 17663136	L.K.	12	-	-	-	-	-	-	-	-	81,393	315	-	
3266BSM68	L.F.	15	-	-	-	-	-	-	-	-	44,425	510	-	
											TOTAL	125,818	825	-
Minds Coal Co., Inc., Art 17813179	-	-	-	-	-	-	-	-	-	-	-	-	-	
Moshannon Falls Mining Co., Inc. 1783100	L.M.U.K.	12-84	-	-	-	-	-	-	-	-	451,370	2,297	1,928	

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			: Shaft:	: Slope	: Drift:	: :	: Lamps Used	: :	: :	: Ammonium Nitrate	: Dynamite			
			: Depth:	: Length:	: Degrees:	: Drift:	: eous:	: eous:	: Flame :	: Elec-:				
Mustang Coal & Contracting Co.														
17773038	L.K.	38	-	-	-	-	-	-	-	-	5,535	35	-	
17774038	L.K.	38	-	-	-	-	-	-	-	-	-	-	-	
17810152	L.K.	24	-	-	-	-	-	-	-	-	100	79	-	
17813039	L.K.	38	-	-	-	-	-	-	-	-	249,615	4,935	-	
17820103	L.K.	38	-	-	-	-	-	-	-	-	76,600	380	-	
17823174	L.K.	38	-	-	-	-	-	-	-	-	454,235	3,809	-	
											TOTAL	786,085	9,238	-
Northern Counties Coal Co., Inc.														
17820157	L.K./Up.Lo. Clarion	20-28	-	-	-	-	-	-	-	-	127,850	3,630	-714	
17830110	L.K.	26	-	-	-	-	-	-	-	-	865,190	20,746	2,961*	
											TOTAL	993,040	24,376	3,675
P & N Coal Co., Inc.														
17743003	U.L.F./U.K.	22-28-32	-	-	-	-	-	-	-	-	2,538,672	26,294	3,524*	
17793010	U.F.	28	-	-	-	-	-	-	-	-	489,028	6,465	-	
											TOTAL	3,027,700	32,759	3,524
Penn Coal Co., Inc.														
17850117	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	
Pentz Coal Co.														
17823101	M.L.K.	26-30	-	-	-	-	-	-	-	-	-	-	-	
45A76SM1	Brookville	40	-	-	-	-	-	-	-	-	-	-	-	
Power Operating Co., Inc.														
17673057	L.U.M.K.	36	-	-	-	-	-	-	-	-	2,803,946	11,434	-	
17820114	L.M.U.	30	-	-	-	-	-	-	-	-	65,496	540	-	
											TOTAL	2,869,442	11,974	-
Ratay Coal, Inc.														
17820126	-	-	-	-	-	-	-	-	-	-	-	-	-	
Reese Coal, Inc., Philip														
17814033	U.M.L.K.	30-36	-	-	-	-	-	-	-	-	338,500	16,984	43,228	
River Hill Coal Co., Inc.														
17663047	M.U.K./U.L.F.	28-24-28-36	-	-	-	-	-	-	-	-	1,590,000	7,583	-	
17753050	L.F./Rider	15	-	-	-	-	-	-	-	-	13,200	133	-	
17803049	M.U.K.	18-28	-	-	-	-	-	-	-	-	350,600	2,329	-	
17810917	M.U.K.	16-28	-	-	-	-	-	-	-	-	25,400	428	-	
17820160	-	-	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	1,979,200	10,473	-

CLEARFIELD 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- eous:	Gas- eous:	Flame Elec- tric			
Roy Coal Co., Inc. 17743165	-	-	-	-	-	-	-	-	-	-	-	-
SRP Coal Co., Inc. 17803108	Kittanning	20	-	-	-	-	-	-	-	129,460	324	-
Shaffer Mining Corp. 17813052	U.K.	26	-	-	-	-	-	-	-	125,950	22,970	-
Shale Hill Coal Co., Inc. 17800112	U.F.	24	-	-	-	-	-	-	-	113,162	3,018	-
17820118	M.U.K.	20	-	-	-	-	-	-	-	443,990	3,014	-
17820172	U.L.K.	19-24	-	-	-	-	-	-	-	224,156	9,505	-
									TOTAL	781,308	15,537	-
Shawville Coal Co. 32688SM16	L.F.	28	-	-	-	-	-	-	-	-	-	-
32688SM18	L.K.	30	-	-	-	-	-	-	-	82,857	-	-
									TOTAL	82,857	-	-
Sky Haven Coal, Inc. 17713099	Kittanning	28	-	-	-	-	-	-	-	309,226	6,219	-
17753116	Freeport	38	-	-	-	-	-	-	-	379,212	4,102	-
17783017	Kittanning	25	-	-	-	-	-	-	-	152,011	1,621	-
17793086	Freeport	26	-	-	-	-	-	-	-	302,644	5,021	-
17793088	Kittanning	34	-	-	-	-	-	-	-	105,366	1,200	-
17803094	Kitt/Free.	56	-	-	-	-	-	-	-	412,976	8,201	-
17803095	Kittanning	24	-	-	-	-	-	-	-	312,024	317	-
17813084	Kittanning/Freeport	30	-	-	-	-	-	-	-	410,162	6,812	-
17813087	Kittanning	18	-	-	-	-	-	-	-	20,309	721	-
17813091	Kittanning	24	-	-	-	-	-	-	-	286,121	1,969	-
17813093	Kittanning/Freeport	30	-	-	-	-	-	-	-	155,200	1,042	-
17813120	Brush Creek	24	-	-	-	-	-	-	-	92,415	317	-
17820104	Kittanning	20	-	-	-	-	-	-	-	80,977	729	-
17820116	Freeport	18	-	-	-	-	-	-	-	-	-	-
17820148	Kitt/Free.	28	-	-	-	-	-	-	-	203,592	4,984	-
17820144	Freeport	32	-	-	-	-	-	-	-	163,284	1,971	-
17820155	Freeport	24	-	-	-	-	-	-	-	207,042	1,266	-
17820164	Kittanning	48	-	-	-	-	-	-	-	-	-	-
17830116	Freeport	18	-	-	-	-	-	-	-	-	-	-

CLEARFIELD 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-	Flame	Elec-		Ammonium Nitrate	Dynamite	
			Depth	Length	Degrees	Drift	eous	eous	Open	Safety	tric			
Thomas Coal Co., Inc. (Continued)														
17820177	L.M.K.	12-24	-	-	-	-	-	-	-	-	-	86,178	3,453	17,475
17840121	M.K.	18	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM40104	U.K.	24	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM40105	U.K.	24	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			898,542	30,471	85,017
Thompson Bros. Coal Co., Inc.														
17803054	L.K.	63	-	-	-	-	-	-	-	-	-	885,960	12,385	-
17810104	L.U.K.	25	-	-	-	-	-	-	-	-	-	360,047	4,433	-
17810154	Freeport/Mercer	24	-	-	-	-	-	-	-	-	-	103,000	144,000	-
17813055	L.U.K.	24	-	-	-	-	-	-	-	-	-	103,743	132,700	-
									TOTAL			1,452,750	293,518	-
Turner Coal Co., W. R.														
17774017	L.M.K.	36	-	-	-	-	-	-	-	-	-	-	-	-
17753112	U.L.F./U.K.	12-20	-	-	-	-	-	-	-	-	-	682,498	6,154	2,665
									TOTAL			682,498	6,154	2,665
Twin Brook Coal Co.														
17783002	L.F.	24	-	-	-	-	-	-	-	-	-	88,776	829	-
Wally Coal Co., Inc.														
47850904	L.F.	-	-	-	-	-	-	-	-	-	-	-	-	-
Waroquier Coal Co.														
17813102	U.F.	28	-	-	-	-	-	-	-	-	-	19,874	930	-
17820110	U.L.F.	24-28	-	-	-	-	-	-	-	-	-	458,534	8,407	-
17820123	U.F.	28	-	-	-	-	-	-	-	-	-	300,388	6,576	-
17850139	U.L.F.	24-28	-	-	-	-	-	-	-	-	-	20,800	401	-
									TOTAL			799,596	16,314	-
Welker, J. & E.														
17840116	Freeport	30	-	-	-	-	-	-	-	-	-	17,500	200	-
Westport Mining Co.														
17791323	L.K./Clarion	21	-	-	-	-	-	-	-	-	-	553,500	7,900	300

CLEARFIELD 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	
Yingling, Richard 17840903	Clarion	17-27	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL										55,899,630	1,182,062	894,175

Note: * Caps
@ Wet Pack
Power 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

CLINTON 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 Open:	:Elec- Safety:	:tric		
Antrim Mining, Inc. 18820102	(a)	-	-	-	-	-	-	-	-	-	-	-	-
Avery Coal Co., Inc. 4677SM6	(a)	-	-	-	-	-	-	-	-	-	-	-	-
Hanslovan Coal Co., Inc. 188401-01	U.,L.M.K.	18-36	-	-	-	-	-	-	-	-	-	360	-
River Hill Coal Co., Inc. 18753004	(a)	-	-	-	-	-	-	-	-	-	-	-	-
18793003	(a)	-	-	-	-	-	-	-	-	-	-	-	-
18820103	(a)	-	-	-	-	-	-	-	-	-	-	-	-
1882013	(a)	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL											-	360	-

Note: (a) Information unknown - no final annual report received.

ELK 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:	Gas:	Lamps Used	Gas:	Flame :	Ammonium Nitrate	Dynamite		
Elco Coal Co. BA25-1330120	L.K.	34	-	-	-	-	-	-	-	-	-	-	
Esquire Fuel Co. 24810104	L.F.	26	-	-	-	-	-	-	-	-	-	-	
24840104	L.K.	36	-	-	-	-	-	-	-	-	-	-	
Fairview Coal Co. 24820108	Unknown	-	-	-	-	-	-	-	-	-	-	-	
46745M8	Unknown	-	-	-	-	-	-	-	-	-	-	-	
Gurosik Coal Co., Inc. 24810103	Unknown	-	-	-	-	-	-	-	-	-	-	-	
Glen Irvan Corp. 24763013	L.F.	36	-	-	-	-	-	-	-	-	-	-	
24800102	L.K.	24	-	-	-	-	-	-	-	-	-	-	
4678SM1	L.K.	18	-	-	-	-	-	-	-	-	-	-	
Hepburnia Coal Co. 24820105	U.F.	30	-	-	-	-	-	-	-	91,395	632	907	
New Shawmut Mining Co. 24820104	L.K.	36	-	-	-	-	-	-	-	12,150	1,175	113	
24820106	U.F.	36	-	-	-	-	-	-	-	29,250	-	-	
										TOTAL	41,400	1,175	113
Northern Counties Coal Co., Inc. 24683026	L.M.K.	16-24	-	-	-	-	-	-	-	162,705	837	632*	
24753024	U.L.F./U.K.	32-45	-	-	-	-	-	-	-	1,412,675	11,131	4,748*	
24840101	L.M.K./L.F.	20-32	-	-	-	-	-	-	-	248,550	9,264	1,031*	
24820101	L.M.K./L.F.	20-32	-	-	-	-	-	-	-	540,575	2,542	1,567*	
										TOTAL	2,364,505	23,774	7,978
P&N Coal Co., Inc. 24693006	L.K.	18	-	-	-	-	-	-	-	289,225	2,755	-	
Rockwood Energy & Mineral Corp. (Ingram Coal Co.) 24810102	M.K.	32	-	-	-	-	-	-	-	395,480	-	-	
24820106	U.K.	32	-	-	-	-	-	-	-	29,250	-	-	
										TOTAL	424,730	-	-
Strishock Coal Co. 24820107	M.K.	28	-	-	-	-	-	-	-	3,200	13	17	

ELK 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	Non-	Lamps Used	Open	Safety	Elec-	Ammonium Nitrate	Dynamite			
Tamburlin Bros. Coal Co., Inc.																
4670BSM4	U.L.F.	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4678SM3	L.F.	28	-	-	-	-	-	-	-	-	-	-	12,225	180	-	-
4678SM4	L.M.K.	30	-	-	-	-	-	-	-	-	-	-	43,140	1,460	-	-
													TOTAL	55,365	1,640	-
Vollmer, Lawrence B.																
24673003	L.U.K.	24-26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													COUNTY TOTAL	3,269,820	29,989	9,015

Note: * Caps

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

FAYETTE 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:	eous:	eous:	Open:	Safety:	tric :			
Pollick, Stanley J. 26840113	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-	-
Sager Coal Co. 26803026	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Sperko, Joseph 26810121	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-	-
Stash Bros., Inc. 26820105	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Swenglish & Sons Coal Co., Charles L. 33A77SM31	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-
Voithofer, Jr. Edward 26773046	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL												308,900	34,900	356

Note: * Caps

FULTON 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:	eous:	eous:	Open:	Safety:	tric :				
L&B Coal Co. Inc. 05743005	Barnett/Kelly	24-42	-	-	-	-	-	-	-	-	-	717,948	3,135	-	
												COUNTY TOTAL	717,948	3,135	-

GREENE 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:	Gas:	Flame	Elec:				
B.L.F. Corp.														
30823015	Waynesburg	60	-	-	-	-	-	-	-	-	250,918	899	10,000	
30823028	Waynesburg	60	-	-	-	-	-	-	-	-	430,673	5,269	2,500*	
30823036	Waynesburg	60	-	-	-	-	-	-	-	-	36,241	165	725*	
30830106T	Waynesburg	60	-	-	-	-	-	-	-	-	25,700	1,610	350*	
											TOTAL	743,532	7,943	13,575
Balazick, Charles														
3275SM40	Waynesburg	54	-	-	-	-	-	-	-	-	-	-	-	
Beal, Cecil A.														
30800903	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
30823029	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	
Brooks, Charles E.														
30820102	-	-	-	-	-	-	-	-	-	-	-	-	-	
C&J Coal Co.														
30830108	Sewickley	48	-	-	-	-	-	-	-	-	-	-	-	
Chess Coal Co.														
30773006	Sewickley	36-48	-	-	-	-	-	-	-	-	41,900	350	-	
3270BSM12	Refuse	-	-	-	-	-	-	-	-	-	-	-	-	
32877SM6	Redstone	24-30	-	-	-	-	-	-	-	-	-	-	-	
											TOTAL	41,900	350	-
Ford & Gaskill														
3270BSM7	Redstone/Sewickley	36-60	-	-	-	-	-	-	-	-	1,590,105	-	3,330#	
Genovese II, Theodore R.														
30850102	Sewickley	51	-	-	-	-	-	-	-	-	-	-	-	
Greene County Coal Co.														
30840102	Waynesburg	44	-	-	-	-	-	-	-	-	28,431	21,925	4,720@	
Lamar Coal Co.														
30830107	Waynesburg	60	-	-	-	-	-	-	-	-	67,898	1,332	-	
Lawrence Coal Co.														
30713008	Waynesburg	60	-	-	-	-	-	-	-	-	1,695,880	26,800	-	
3271BSM6	Waynesburg	60	-	-	-	-	-	-	-	-	1,064,433	11,025	-	
											TOTAL	2,760,313	37,825	-

GREENE 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:	:eous:	:eous:	Open:	Safety:	tric :			
Leeland Development Co. 32876SM6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oliverio, Samuel A. 30743013	Waynesburg	36	-	-	-	-	-	-	-	-	-	309,000	36,500	-
Susan Ann Coal, Inc. 30810107	Waynesburg	42	-	-	-	-	-	-	-	-	-	69,560	-	175#
Teer Co., Nello L. 3793024	Waynesburg	32	-	-	-	-	-	-	-	-	-	-	-	-
Twilight Industries, Div. of U.S. Natural Res., Inc. 30813010	Waynesburg	42	-	-	-	-	-	-	-	-	-	43,563	660	-
Viable Coal Corp., Inc. 30820103	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	-
30840103	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	-
Willow Tree Coal Co. 30810108	Waynesburg	60	-	-	-	-	-	-	-	-	-	120,000	7,000	-
Zinn Coal Co. 30830101	Sewickley	58	-	-	-	-	-	-	-	-	-	5,050	350	-
COUNTY TOTAL												5,779,352	113,885	21,800

Note: * Jel-pack
Primers
@ Wet Hole Tubes

INDIANA 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- eous	Gas- eous	Lamps Used	Flame	Elec- tric	Ammonium Nitrate	Dynamite			
ALT Inc. 32840102	Pittsburgh	80	-	-	-	-	-	-	-	-	-	71,455	1,587	750*	
Acme Drilling 32823035	U.&L.F..	32-42	-	-	-	-	-	-	-	-	-	59,897	457	-	
Andray Mining Co. 32823008	U.F.	48	-	-	-	-	-	-	-	-	-	-	-	-	
Arcadia Co., Inc. 32723059	U.L.F./U.K.	20-40	-	-	-	-	-	-	-	-	-	1,951,465	10,649	15,443**	
B & W Coal, Inc. 32820105	Pittsburgh	72	-	-	-	-	-	-	-	-	-	56,700	752	-	
Beilchick Bros. 32663056	U.F.	27	-	-	-	-	-	-	-	-	-	82,400	389	-	
32830113	L.K.	38	-	-	-	-	-	-	-	-	-	90,700	437	-	
												TOTAL	173,100	1,578	-
Benjamin Coal Co. 3279117	L.K.	28	-	-	-	-	-	-	-	-	-	-	-	-	
32820103	L.F./U.K.	26	-	-	-	-	-	-	-	-	-	-	-	-	
32823006	L.F.	27	-	-	-	-	-	-	-	-	-	-	-	-	
32823022	U.L.F.	16-30	-	-	-	-	-	-	-	-	-	101,300	1,500	100	
3975SM3	L.&M.K./Rider	12-22	-	-	-	-	-	-	-	-	-	-	-	-	
3977SM2	L.F.	25	-	-	-	-	-	-	-	-	-	-	-	-	
3977SM14	L.F. & U.F.	30-34	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	101,300	1,500	100
Bentley Coal Co., Inc. 32793039	Brush Creek	30	-	-	-	-	-	-	-	-	-	38,238	1,586	-	
32830102	L.F./U.K.	34	-	-	-	-	-	-	-	-	-	365,515	16,677	-	
32830110	L.F./Mahoning	32-34	-	-	-	-	-	-	-	-	-	286,614	5,420	-	
39A77SM4	L.K.	42	-	-	-	-	-	-	-	-	-	110,771	2,459	-	
												TOTAL	801,138	26,142	-
Hairsville Associates 32823005	U.K./L.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	

INDIANA 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- eous:	Non- eous:	Flame	Elec- tric					
Buterbaugh Construction Co. 32753041	L.F.	32	-	-	-	-	-	-	-	-	-	94,905	7,344	-	
Cloe Mining Co., Inc. 32813007	L.&U.F.	28-36	-	-	-	-	-	-	-	-	-	292,681	4,199	27,270@	
32830107	U.K./L.F.	16-24	-	-	-	-	-	-	-	-	-	106,061	1,451	2,970@	
												TOTAL	398,742	5,650	30,240
Devon Coal Co. 32820111	L.F.	38	-	-	-	-	-	-	-	-	-	536,190	6,216	-	
Donray Industries, Inc. 32833055	L.F.	36	-	-	-	-	-	-	-	-	-	973,198	12,171	-	
Auger BAM2001-214	L.F.	36	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	973,198	12,171	
Doverspike Bros. Coal Co. 32830105	L.F.	50	-	-	-	-	-	-	-	-	-	653,480	5,989	4,797**	
FLK Mining Co. 32823043	U.F.	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kent Coal Mining Co. 32743058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32803010	U.F.	40-44	-	-	-	-	-	-	-	-	-	30,949	-	-	
32803012	Pittsburgh	132	-	-	-	-	-	-	-	-	-	446,166	-	-	
32803037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32803042	Completed	-	-	-	-	-	-	-	-	-	-	-	-	-	
32813031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32813034	Pittsburgh	132	-	-	-	-	-	-	-	-	-	-	-	-	
32823004	U.F.	40-44	-	-	-	-	-	-	-	-	-	157,135	1,771	2,594	
32823057	Pittsburgh	90	-	-	-	-	-	-	-	-	-	1,230,790	8,564	-	
Auger-BAM218	U.F.	44-60	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM2001-182	Completed	-	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM2001-188	U.F.	40-44	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM2001-205	U.K.	24-26	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM2001-212	U.F.	40-44	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	1,865,040	10,335	2,594

INDIANA 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:	Non- eous:	Gas- eous:	Flame Open:	Elec- Safety:	tric :			
Kostella Coal, Inc. 32793060	U.F.	30	-	-	-	-	-	-	-	-	-	42,500	786	-
Latrobe Mining Co., Inc. 32823045	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-	-
M.B. Energy, Inc. 32823049	U.F.	60	-	-	-	-	-	-	-	-	-	-	382,007	-
32840111	L.K.	42	-	-	-	-	-	-	-	-	-	-	21,920	-
									TOTAL			-	403,927	-
Marion Center Mining Co., Inc. 3973SM19	L.K.	40	-	-	-	-	-	-	-	-	-	11,670	116	177**
Marquise Mining Corp. 32813061	M.L.K.	28-42	-	-	-	-	-	-	-	-	-	104,507	682	-
Mears Enterprise, Inc. 32803009	L.F.	26	-	-	-	-	-	-	-	-	-	108,020	1,435	-
32823017	U.F./L.K.	18	-	-	-	-	-	-	-	-	-	-	-	-
32823020	L.F.	26	-	-	-	-	-	-	-	-	-	47,330	1,283	-
32823028	L.F.	34	-	-	-	-	-	-	-	-	-	348,145	4,150	-
Auger-BAM2001-194	L.F.	26	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM2001-210	L.F.	26	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM2001-214	M.K.	20	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			503,495	6,868	-
Negley Coal Co., Inc. 32753025	Pittsburgh	60	-	-	-	-	-	-	-	-	-	254	-	-
North American Coal Corp., The 3273203	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32800119	L.F.	34	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM2001-140	L.F.	34	-	-	-	-	-	-	-	-	-	-	-	-
North Cambria Fuel Co. 32840107	U.&L.F.	42	-	-	-	-	-	-	-	-	-	457,989	48,437	-
P & N Coal Co., Inc. License 100032 32813011	(a)	-	-	-	-	-	-	-	-	-	-	-	-	-
Peles, Joseph 32840103	U.F.	30	-	-	-	-	-	-	-	-	-	64,900	4,145	-

INDIANA 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-	Flame	Elec-	Ammonium Nitrate	Dynamite			
			Depth	Length	Degrees	Drift	eous	eous	Open	Safety	tric			
Rayar Mining Co. 32823024	L.&U.F.	20	-	-	-	-	-	-	-	-	-	107,140	1,633	-
T.L.H. Coal Co. 32763040	M.U.K./L.U.F.	20	-	-	-	-	-	-	-	-	-	489,586	2,781	7,260
Twin Brook Coal Co. License 101672 32813001	(a)		-	-	-	-	-	-	-	-	-	-	-	-
Yengi, John, Jr. License 101529 3976SM5	(a)		-	-	-	-	-	-	-	-	-	-	-	-
DISTRICT TOTAL												9,518,651	559,745	61,361

Note: * Wet Hole

** Caps

@ Gel Pac

(a) No annual received from operator.

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