

CLEARFIELD COUNTY

Operators and Mines/ or Mine Drainage 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 :			
AME Enterprises, Inc.														
17793044	L.K./U.K.	30	-	-	-	-	-	-	-	-	-	418,880	5,610	-
17803045	M.U.K.	12-24	-	-	-	-	-	-	-	-	-	502,400	7,850	-
17813046	M.U.K.	24-28	-	-	-	-	-	-	-	-	-	55,680	435	-
17820181	M.U.K.	14-28	-	-	-	-	-	-	-	-	-	728,472	19,170	-
178301045	L.K./Rider	8-36	-	-	-	-	-	-	-	-	-	785,124	5,304	-
17840123	M.U.K./L.F.	12-24	-	-	-	-	-	-	-	-	-	549,705	2,776	-
									TOTAL			3,040,261	41,145	-
Andray Mining Co.														
1779109	L.U.F.	20-40	-	-	-	-	-	-	-	-	-	372,870	5,901	-
Auger-BAM 40054	L.F.	20	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			372,870	5,901	-
Baumgardner Coal Co., Inc. Larry D.														
17803029	L.K.	28	-	-	-	-	-	-	-	-	-	105,851	2,320	12,500
17840112	U.K.	32	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL			105,851	2,320	12,500
Becker Coal Co., Paul F.														
17850113	Mahoning	38	-	-	-	-	-	-	-	-	-	-	-	-
Bender Coal Co., E. P.														
17830117	U.F.	24	-	-	-	-	-	-	-	-	-	292,845	5,116	-
17850122	M.K.	30	-	-	-	-	-	-	-	-	-	1,135	130	-
									TOTAL			293,980	5,246	-
Benjamin Coal Co.														
17733183	L.M.U.K./L.F.	24-38	-	-	-	-	-	-	-	-	-	3,018,657	23,499	24,978
17774010	Mahoning/U.F.	24-26	-	-	-	-	-	-	-	-	-	39,653	309	332
17794009	U.K./L.F.	26-30	-	-	-	-	-	-	-	-	-	1,167,072	9,088	9,780
17804004	U.L.F.	32-36	-	-	-	-	-	-	-	-	-	789,970	6,151	6,620
17810120	U.L.F.	22-38	-	-	-	-	-	-	-	-	-	1,104,076	8,598	9,252
17820132	M.U.K.	24-26	-	-	-	-	-	-	-	-	-	1,348,667	10,502	301
17840105	U.L.F.	32-36	-	-	-	-	-	-	-	-	-	422,404	3,289	3,540

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CLEARFIELD COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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-:	:Flame :	Elec-:				
Benjamin Coal Co. (Cont.)													
17840134	U.K./L.U.F.	22-28	-	-	-	-	-	-	-	-	1,475,350	11,489	12,363
17840153	U.K.	26	-	-	-	-	-	-	-	-	-	-	-
17850120	U.K./L.U.F.	22-24	-	-	-	-	-	-	-	-	421,380	3,281	3,531
17860105	L.M.U.K.	24-36	-	-	-	-	-	-	-	-	1,178,978	9,183	9,562
										<b>TOTAL</b>	<b>10,966,207</b>	<b>85,389</b>	<b>80,259</b>
Bowman, W.C.													
17703032	L.K./Rider	18-32	-	-	-	-	-	-	-	-	7,345	50	-
Brown, Inc., E. M.													
17743020	L.K.	40	-	-	-	-	-	-	-	-	-	-	-
17773008	U.K.	24	-	-	-	-	-	-	-	-	71,600	651	-
17773022	Clarion	30	-	-	-	-	-	-	-	-	-	-	-
17803023	Clarion/L.K.	30	-	-	-	-	-	-	-	-	268,080	1,844	-
17813024	L.M.K.	22-24	-	-	-	-	-	-	-	-	18,060	242	-
17840904	L.K.	24	-	-	-	-	-	-	-	-	37,900	175	-
17850137/17840139	Clarion/Brookville	30	-	-	-	-	-	-	-	-	366,370	3,446	-
										<b>TOTAL</b>	<b>762,010</b>	<b>6,358</b>	<b>-</b>
Bumbarger & Son, H.													
17820113	L.K.	18	-	-	-	-	-	-	-	-	8,630	60	1,060
17840115	L.K.	18	-	-	-	-	-	-	-	-	25,561	244	3,259
										<b>TOTAL</b>	<b>34,191</b>	<b>304</b>	<b>4,319</b>
Cambria Coal Co.													
17803059	U.F.	25	-	-	-	-	-	-	-	-	1,649,710	3,187	4,683
17803062	U.F.	25	-	-	-	-	-	-	-	-	266,826	604	1,012
17840154	U.F.	12-32	-	-	-	-	-	-	-	-	396,569	2,509	1,907
Auger-BAM 40055	U.F.	25	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 40126	U.F.	25	-	-	-	-	-	-	-	-	-	-	-
										<b>TOTAL</b>	<b>2,313,105</b>	<b>6,300</b>	<b>7,602</b>
Cambria Mills Coal Co., Inc.													
17743033	U.F.	32	-	-	-	-	-	-	-	-	80,000	490	9,000
17803034	U.L.F.	32	-	-	-	-	-	-	-	-	343,260	2,125	43,164
17840157	U.L.F./L.K.	32	-	-	-	-	-	-	-	-	80,620	498	9,936
										<b>TOTAL</b>	<b>503,880</b>	<b>3,113</b>	<b>62,100</b>

CLEARFIELD COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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- tric :	Ammonium Nitrate		Dynamite
			:Depth:	Length:	Degrees:	Drift:	Gas- eous:	Gas- eous:	Open- Safety:				
Carlin, Contracting, J.C. 17840136	U.F.	18	-	-	-	-	-	-	-	-	-	-	-
Carlin, Inc., R.S. 17793140	U.M.K.	12-24	-	-	-	-	-	-	-	-	1,790,500	10,227	9,077
Central Pa. Coal Co., Inc. 17753159	L.K.	24	-	-	-	-	-	-	-	-	233,900	7,078	21,820
17773157	L.K.	24	-	-	-	-	-	-	-	-	-	-	-
177803161	U.F.	24	-	-	-	-	-	-	-	-	2,180,878	67,773	122,950
Auger-BAM 40118	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM 40121	-	-	-	-	-	-	-	-	-	-	-	-	-
									TOTAL		2,414,778	74,851	144,770
Chew's Contracting Co., Inc. 17810132	Clarion	30	-	-	-	-	-	-	-	-	-	-	-
Cowfer Contracting Co., Inc./ Gallagher Coal Co. (c) 17663037	Bituminous	28	-	-	-	-	-	-	-	-	612,220	3,938	36,366
17820152	Bituminous	28	-	-	-	-	-	-	-	-	11,100	12,020	1,200
17830119	Bituminous	28	-	-	-	-	-	-	-	-	555,550	2,442	44,055
									TOTAL		1,178,870	18,400	81,621
Dressler Coal Co. 17793118	U.K.	25	-	-	-	-	-	-	-	-	-	-	-
Dressler, W. Puskin 17850123	L.K.	30	-	-	-	-	-	-	-	-	-	-	-
EJH Contracting Co., Inc. 17860116	M.K.	17	-	-	-	-	-	-	-	-	25,814	436	-
Edmunds Contracting & Supply Co., Inc. 17803166	L.U.F.	24	-	-	-	-	-	-	-	-	-	-	-
17813156	U.F./Mahoning	16-30	-	-	-	-	-	-	-	-	1,203,782	-	-
17820119	L.F.	24	-	-	-	-	-	-	-	-	-	-	-
17840138	U.L.F.	20	-	-	-	-	-	-	-	-	592,908	-	-
									TOTAL		1,796,690	-	-

CLEARFIELD COUNTY (Cont.)

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			Shaft:	Slope	Drift:	:	Lamps Used	Non-:	Flame	Elec-:	Ammonium Nitrate		Dynamite	
			Depth:	Length:	Degrees:	Drift:	Gas-:	gas-:	Open:	Safety:	tric :			
Empire Coal Co. 17743187	Clarion/L.M.U.K.	10-40	-	-	-	-	-	-	-	-	-	2,053,230	15,989	17,205
Fahr Coal Co. 17743019	Split C/Rider	20-26	-	-	-	-	-	-	-	-	-	166,670	984	-
Final Coal Co., The 17774017	L.K.	30	-	-	-	-	-	-	-	-	-	-	-	-
Flango Bros. Coal, Inc. 17810116	U.K.	24	-	-	-	-	-	-	-	-	-	11,820	270	-
17820108	L.K.	24	-	-	-	-	-	-	-	-	-	816,077	18,829	-
Forcey Coal, Inc. 17840151	U.F.	38	-	-	-	-	-	-	-	TOTAL	-	827,897	19,099	-
Glacial Minerals, Inc. 17830122 refuse	Freeport	Gob	-	-	-	-	-	-	-	-	-	-	-	-
Glen Irvan Corp. 17783154	Kittanning	26	-	-	-	-	-	-	-	-	-	81,920	448	860
17803139	Kittanning	26	-	-	-	-	-	-	-	-	-	158,892	720	1,781
17820156	Kittanning	20	-	-	-	-	-	-	-	-	-	93,540	448	860
17830113	Freeport	20	-	-	-	-	-	-	-	-	-	-	-	-
										TOTAL		334,352	1,616	3,501
Graham Bros. Lumber Co., Inc. 17820149	L.K.	44	-	-	-	-	-	-	-	-	-	217,008	7,746	-
17820149	Clarion	12-27	-	-	-	-	-	-	-	-	-	-	9,235	-
										TOTAL		217,008	16,981	-
Greenbriar Associates 17783113	M.K.	24	-	-	-	-	-	-	-	-	-	-	-	-
Hamilton Contracting Co., Al 17773067	U.L.F.	26	-	-	-	-	-	-	-	-	-	39,640	816	698
17773155	U.M.K.	30-36	-	-	-	-	-	-	-	-	-	240,125	2,961	1,303
17803167	U.L.F.	26	-	-	-	-	-	-	-	-	-	39,640	816	698
17803176	M.L.K.	10-30	-	-	-	-	-	-	-	-	-	482,500	6,028	3,185
17820106	M.L.K.	20-40	-	-	-	-	-	-	-	-	-	514,024	3,802	1,485

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Operators and Mines/ or Mine Drainage 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-:	:Elec-:	Ammonium	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate			
Hamilton Contracting Co., Al (Cont.)															
17820122	U.M.K.	15-30	-	-	-	-	-	-	-	-	-	539,790	4,337	1,836	
17820133	M.K.	15-30	-	-	-	-	-	-	-	-	-	31,000	166	324	
17820178	U.L.F.	26	-	-	-	-	-	-	-	-	-	438,167	4,318	1,864	
17840158	L.F./U.K.	27	-	-	-	-	-	-	-	-	-	-	-	-	
17350104	U.M.K.	12-30	-	-	-	-	-	-	-	-	-	220,925	1,983	784	
												<b>TOTAL</b>	<b>2,545,811</b>	<b>25,227</b>	<b>12,177</b>
Hanslovan Coal Co., Inc., Ed															
17810123	M.K.	30	-	-	-	-	-	-	-	-	-	-	463	-	
17850119	M.K.	30	-	-	-	-	-	-	-	-	-	-	-	-	
17850122	M.K.	30	-	-	-	-	-	-	-	-	-	-	1	-	
												<b>TOTAL</b>	<b>-</b>	<b>464</b>	<b>-</b>
Hartman Contractor, Warren C.															
17840129	U.K.	24	-	-	-	-	-	-	-	-	-	-	-	-	
17840158	U.K.	30	-	-	-	-	-	-	-	-	-	40,560	303	143	
												<b>TOTAL</b>	<b>40,560</b>	<b>303</b>	<b>143</b>
Hepburnia Coal Co.															
17813132	U.F.	24	-	-	-	-	-	-	-	-	-	387,955	1,497	2,363	
17820139	U.F.	24	-	-	-	-	-	-	-	-	-	598,051	10,183	3,276	
17820168	U.L.F.	24	-	-	-	-	-	-	-	-	-	16,539	3,053	340	
17820171	L.M.K.	24-20	-	-	-	-	-	-	-	-	-	10,244	487	126	
17820174	L.F.	31	-	-	-	-	-	-	-	-	-	-	-	-	
17830114	U.L.F.	24	-	-	-	-	-	-	-	-	-	41,305	2,230	823	
17830121	U.F.	24	-	-	-	-	-	-	-	-	-	149,607	11,613	1,182	
17830136	L.F.	24	-	-	-	-	-	-	-	-	-	107,340	418	846	
17840102	L.K.	22	-	-	-	-	-	-	-	-	-	60,272	3,494	1,086	
17840107	L.U.F.	24	-	-	-	-	-	-	-	-	-	85,507	1,213	451	
17840110	U.L.F.	24	-	-	-	-	-	-	-	-	-	55,140	387	754	
17840128	U.K./L.F.	16-24	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>TOTAL</b>	<b>1,511,960</b>	<b>34,575</b>	<b>11,247</b>

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CLEARFIELD COUNTY (Cont.)

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			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	Ammonium Nitrate	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	Gas-:gas-:	:Flame :	Elec-:					
K & J Coal Co., Inc.														
17803026	U.F./Rider	12-18	-	-	-	-	-	-	-	-	-	-		
17820176	U.F.	27	-	-	-	-	-	-	-	-	34,391	4,972	414	
17830111	U.F./Rider	7-22	-	-	-	-	-	-	-	-	838,001	16,748	5,778	
											<b>TOTAL</b>	<b>872,392</b>	<b>21,720</b>	<b>6,192</b>
Kasubick Bros. Coal Co.														
17820129	L.K.	20	-	-	-	-	-	-	-	-	8,100	280	-	
Kitko, Francis B.														
17703110	L.F.	54	-	-	-	-	-	-	-	-	-	-	-	
L.T. Contracting, Inc.														
17714023	U.L.F.	26	-	-	-	-	-	-	-	-	272,375	13,795	-	
17850118	Clarion/L.K.	26-48	-	-	-	-	-	-	-	-	29,113	1,651	-	
											<b>TOTAL</b>	<b>301,488</b>	<b>15,446</b>	<b>-</b>
Lansberry Coal & Excavating Co.														
17840137	L.K.	48	-	-	-	-	-	-	-	-	-	-	-	
Linn Corp.														
17850117	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	
17860115	U.F.	30-52	-	-	-	-	-	-	-	-	-	-	-	
M & M Construction Co., Inc.														
1779128	U.F.	28	-	-	-	-	-	-	-	-	32,000	200	-	
17850134	U.F.	36	-	-	-	-	-	-	-	-	-	-	-	
											<b>TOTAL</b>	<b>32,000</b>	<b>200</b>	<b>-</b>
M. B. Energy, Inc.														
17813016	U.L.F.	28-29	-	-	-	-	-	-	-	-	-	-	-	
17840108	Brookville/L.K.	30-45	-	-	-	-	-	-	-	-	99,395	-	1,318	
17840127	U.F./U.K.	22-32	-	-	-	-	-	-	-	-	243,590	-	1,766	
17850114	U.L.F.	30-32	-	-	-	-	-	-	-	-	92,861	-	250,098	
											<b>TOTAL</b>	<b>435,846</b>	<b>-</b>	<b>253,182</b>
McDonald Land & Mining Co., Inc.														
17773066	L.K.	24	-	-	-	-	-	-	-	-	152,825	2,913	2,370	
17773069	U.M.L.K.	20-26	-	-	-	-	-	-	-	-	371,232	5,016	600	

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			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Flame	:Elec-:	Ammonium	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate			
McDonald Land & Mining Co., Inc. (Cont.)															
17813063	U.K./L.F.	24-36	-	-	-	-	-	-	-	-	-	82,781	557	2,558	
17820153	L.F.	28	-	-	-	-	-	-	-	-	-	797,836	14,084	32,205	
17820124	L.F.	28	-	-	-	-	-	-	-	-	-	-	-	-	
17840143	L.M.K.	25-30	-	-	-	-	-	-	-	-	-	28,175	901	570	
17840144	U.L.F./U.K.	17-44	-	-	-	-	-	-	-	-	-	647,053	8,334	1,920	
17850115	U.K.	24	-	-	-	-	-	-	-	-	-	-	-	-	
17850116	L.F./U.M.K.	24-33	-	-	-	-	-	-	-	-	-	96,800	1,885	990	
17850148	L.F.	24	-	-	-	-	-	-	-	-	-	103,460	1,654	8,610	
Auger-BAM 40134	L.K.	28	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	2,280,162	35,344	49,823
McGovern Coal Co., Clair															
17663136	L.K.	12	-	-	-	-	-	-	-	-	-	64,920	2,991	-	
17840133	Kittanning	18	-	-	-	-	-	-	-	-	-	6,975	106	-	
												TOTAL	71,895	3,097	-
Minds Coal Co., Inc., Art															
17813179	U.K.	15	-	-	-	-	-	-	-	-	-	-	-	-	
Moshannon Falls Mining Co.															
17803100	L.M.U.K.	24	-	-	-	-	-	-	-	-	-	398,711	2,494	2,543	
Mustang Coal & Contracting Co.															
17813039	L.K.	24	-	-	-	-	-	-	-	-	-	42,359	663	2,665	
17823174	L.K.	38	-	-	-	-	-	-	-	-	-	333,843	4,294	17,930	
17860114	L.K.	38	-	-	-	-	-	-	-	-	-	516,406	6,927	12,690	
(d)	L.K.	38	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	792,608	11,884	33,285
Northern Counties Coal Co.															
17820157	L.K./U.L.Clarion	18	-	-	-	-	-	-	-	-	-	297,170	33,410	1,639	
17830110	L.K.	26	-	-	-	-	-	-	-	-	-	-	-	-	
17830110-03	L.K.	26	-	-	-	-	-	-	-	-	-	318,810	3,746	1,528	
												TOTAL	615,980	37,156	3,167

CLEARFIELD COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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:	cus:	cus:	Open:	Safety:	tric :				
P & N Coal Co., Inc.															
17743003	L.U.F./U.K.	26-36	-	-	-	-	-	-	-	-	-	1,331,205	18,802	3,358	
17793010	U.K./L.F.	26-30	-	-	-	-	-	-	-	-	-	1,106,552	17,488	4,178	
												TOTAL	2,437,757	36,290	7,536
Penn Coal Co., Inc.															
17850117	U.F.	30	-	-	-	-	-	-	-	-	-	-	-	-	
Pentz Coal Co.															
17823101	Coal	28-30	-	-	-	-	-	-	-	-	-	16,700	51	63	
Power Operating Co., Inc.															
170673057	U.K.M.K.	12-42	-	-	-	-	-	-	-	-	-	3,196,374	12,246	-	
17820114	L.K.	20	-	-	-	-	-	-	-	-	-	27,087	123	-	
17830132	U.M.K.	20-42	-	-	-	-	-	-	-	-	-	381,354	1,699	-	
17850102	L.F./U.M.K.	12-30	-	-	-	-	-	-	-	-	-	231,115	4,583	-	
												TOTAL	3,835,930	18,651	-
Ratay Coal, Inc.															
17820126	U.K.	42	-	-	-	-	-	-	-	-	-	23,250	3,000	-	
Reese Coal, Inc., Philip															
17814033	U.M.L.K.	30-36	-	-	-	-	-	-	-	-	-	263,000	11,250	-	
River Hill Coal Co., Inc.															
17663047	M.U.K./L.U.F.	24-36	-	-	-	-	-	-	-	-	-	1,599,388	8,985	-	
Roy Coal Co., Inc.															
17743165	U.M.K.	15-30	-	-	-	-	-	-	-	-	-	-	-	-	
Ryan Bros. Coal Co.															
17800147	L.U.F.	24-26	-	-	-	-	-	-	-	-	-	-	-	-	
17840104	Kittanning/U.L.F.	16-30	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	-	-	-
S.R.P. Coal Co., Inc.															
17803108	L.M.U.K.	28	-	-	-	-	-	-	-	-	-	316,412	2,960	-	
17820141	L.M.U.K.	28	-	-	-	-	-	-	-	-	-	2,600	88	-	
17860101	M.U.K./U.F.	34	-	-	-	-	-	-	-	-	-	1,688	208	-	
												TOTAL	320,700	3,256	-



CLEARFIELD COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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 :				
Shale Hill Coal Co., Inc.															
17800112	U.K./U.L.F.	16-24	-	-	-	-	-	-	-	-	-	16,400	600	-	
17820118	L.K./M.K.	20	-	-	-	-	-	-	-	-	-	175,245	3,242	-	
17820172	U.K./L.F.	19-24	-	-	-	-	-	-	-	-	-	156,295	4,494	-	
												TOTAL	347,940	8,336	-
Sky Haven Coal, Inc.															
17713099	L.M.U.K./L.F.	28-40	-	-	-	-	-	-	-	-	-	306,205	4,629	-	
17753116	U.K./L.F.	44	-	-	-	-	-	-	-	-	-	303,900	3,104	-	
17783017	L.M.U.K.	28	-	-	-	-	-	-	-	-	-	89,482	2,648	-	
17793086	L.U.F.	28	-	-	-	-	-	-	-	-	-	176,120	8,653	-	
17793088	L.M.U.K.	28	-	-	-	-	-	-	-	-	-	402,362	7,391	-	
17793090	U.F./Mahoning	22	-	-	-	-	-	-	-	-	-	287,329	2,804	-	
17803094	M.U.K./L.U.F.	58	-	-	-	-	-	-	-	-	-	421,968	7,002	-	
17803095	L.M.K.	28	-	-	-	-	-	-	-	-	-	2,812	46	-	
17813084	M.U.K./L.F.	32	-	-	-	-	-	-	-	-	-	329,975	8,672	-	
17813091	L.K./Rider	30	-	-	-	-	-	-	-	-	-	384,129	4,762	-	
17813093	U.K./L.F.	40	-	-	-	-	-	-	-	-	-	294,612	5,190	-	
17813098	U.F./Mahoning	22	-	-	-	-	-	-	-	-	-	305,266	3,086	-	
17813122	L.M.U.K.	30	-	-	-	-	-	-	-	-	-	86,482	678	-	
17813153	U.F. Mahoning	22	-	-	-	-	-	-	-	-	-	224,380	3,690	-	
17820104	M.K./U.K.	26	-	-	-	-	-	-	-	-	-	253,413	2,805	-	
17820131	M.K./U.K.	24	-	-	-	-	-	-	-	-	-	78,720	4,338	-	
17820144	U.K./L.F.	42	-	-	-	-	-	-	-	-	-	1,640	68	-	
17820148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17820155	U.F.	26	-	-	-	-	-	-	-	-	-	114,168	1,210	-	
17820182	U.K./L.U.F.	36	-	-	-	-	-	-	-	-	-	397,222	6,180	-	
17820183	L.F.	32	-	-	-	-	-	-	-	-	-	-	-	-	
17830116	U.K./L.F.	44	-	-	-	-	-	-	-	-	-	303,900	3,140	-	
17830126	M.K./L.F.	32	-	-	-	-	-	-	-	-	-	229,187	3,262	-	
17840114	M.U.K./L.F.	24	-	-	-	-	-	-	-	-	-	10,460	620	-	

CLEARFIELD COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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-	Nitrate	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
Sky Haven Coal, Inc. (Cont.)															
17840125	U.F./Mahoning	38	-	-	-	-	-	-	-	-	-	282,460	8,612	-	
17840130	U.F./Mahoning	20	-	-	-	-	-	-	-	-	-	82,642	3,720	-	
17850143	U.K./L.F.	28	-	-	-	-	-	-	-	-	-	640	52	-	
												TOTAL	5,369,474	90,237	-
Shaffer Mining Corp.															
17813052	U.F.	26	-	-	-	-	-	-	-	-	-	119,985	1,020	576	
Stott Coal Co., James M.															
17743172	Freeport	20	-	-	-	-	-	-	-	-	-	-	-	-	
17753180	L.M.K.	18-24	-	-	-	-	-	-	-	-	-	-	-	-	
17773181	Freeport	20	-	-	-	-	-	-	-	-	-	-	-	-	
17803171	Kittanning	20	-	-	-	-	-	-	-	-	-	-	-	-	
17813182	Kittanning	24	-	-	-	-	-	-	-	-	-	714,480	5,580	-	
												TOTAL	714,480	5,580	-
Strishock Coal Co.															
17693009	M.L.K.	24	-	-	-	-	-	-	-	-	-	593,440	1,513	2,809	
17793123	M.L.L.F.	24	-	-	-	-	-	-	-	-	-	26,640	125	125	
												TOTAL	620,080	1,638	2,934
Swisher Contracting Co.															
17850121	Coal	20	-	-	-	-	-	-	-	-	-	-	-	-	
Swistock Assoc. Coal Corp.															
17820145	L.K.	38	-	-	-	-	-	-	-	-	-	1,428,247	11,350	10,087	
17830134	U.L.K./L.F.	24-42	-	-	-	-	-	-	-	-	-	489,428	4,109	6,226	
												TOTAL	1,917,675	15,459	16,313
T. & T. Clay Co.															
17820161	M.K.	28	-	-	-	-	-	-	-	-	-	36,500	750	-	
Thomas Coal Co., Inc.															
17773080	U.L.F./U.K.	12-24	-	-	-	-	-	-	-	-	-	11,400	1,015	-	
17793073	L.F./M.K.	24	-	-	-	-	-	-	-	-	-	14,550	86	-	
17803072	L.M.K.	24-36	-	-	-	-	-	-	-	-	-	293,945	4,640	3,990	

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CLEARFIELD COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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- eous:	gas- eous:	:Flame :Elec- :tric :					
Thomas Coal Co., Inc. (Cont.)														
17820125	M.U.K.	12-24	-	-	-	-	-	-	-	-	75,136	4,534	2,850	
17820127	L.M.U.K.	24-36	-	-	-	-	-	-	-	-	887,716	9,667	-	
17820177	L.M.K.	12-24	-	-	-	-	-	-	-	-	471,153	8,469	14,105	
Auger-BAM 40136	U.K.	24	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 40138	U.K.	24	-	-	-	-	-	-	-	-	-	-	-	
											<b>TOTAL</b>	<b>1,753,900</b>	<b>28,411</b>	<b>20,945</b>
Thompson Bros. Coal Co., Inc.														
17800104	L.K.	63	-	-	-	-	-	-	-	-	1,632,461	16,573	-	
17810104	M.K.	12-20	-	-	-	-	-	-	-	-	85,300	2,559	1,575	
17810104	L.U.K.	26	-	-	-	-	-	-	-	-	34,000	950	-	
17810154	Freeport	24	-	-	-	-	-	-	-	-	-	-	-	
17813055	L.U.K.	24	-	-	-	-	-	-	-	-	-	-	-	
17813055	M.L.K.	12-20	-	-	-	-	-	-	-	-	115,201	3,119	2,064	
Auger-BAM 40124	-	-	-	-	-	-	-	-	-	-	-	-	-	
											<b>TOTAL</b>	<b>1,866,962</b>	<b>23,201</b>	<b>3,639</b>
Turner Coal Co., W. R.														
17753112	U.L.F.	Stumps	-	-	-	-	-	-	-	-	514,078	7,677	3,927	
17830302	Clarion	36	-	-	-	-	-	-	-	-	-	251	-	
											<b>TOTAL</b>	<b>514,078</b>	<b>7,928</b>	<b>3,927</b>
Wally Coal Co., Inc.														
17850904	L.F.	40	-	-	-	-	-	-	-	-	-	-	-	
Warquier Coal Co.														
17850125	L.F.	23	-	-	-	-	-	-	-	-	26,530	660	-	
17850139	U.L.F.	24-28	-	-	-	-	-	-	-	-	411,317	9,810	-	
17850140	U.F.	26	-	-	-	-	-	-	-	-	8,005	257	-	
17850149	L.F.	22	-	-	-	-	-	-	-	-	128,742	2,570	-	
											<b>TOTAL</b>	<b>574,594</b>	<b>13,297</b>	<b>-</b>
Welker, J. & E.														
17840116	Freeport	30	-	-	-	-	-	-	-	-	16,800	190	-	

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CLEARFIELD COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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	
Westport Mining Co. 17791323 Yingling, Richard License No. given only 1-02427 Maney Coal Co., R.L. 01779115	L.K./Clarion  Coal  -	36-40  12-26  -	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL										61,462,215	780,429	850,646

Note: 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



ELK COUNTY

Operators and Mines/ or Mine Drainage 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 :			
Fairview Coal Co.														
24820108	Middle Kittanning	-	-	-	-	-	-	-	-	-	-	-		
24820110	L.K.	-	-	-	-	-	-	-	-	-	-	-		
24840103	L.K.	-	-	-	-	-	-	-	-	-	-	-		
4674SM8	Brush Creek	-	-	-	-	-	-	-	-	-	-	-		
Glen Irvan Corp.														
24830101	L.K./L.F.	24-26-28	-	-	-	-	-	-	-	-	-	-		
Mottern Coal, Inc., Floyd														
24860101	Bituminous	36	-	-	-	-	-	-	-	-	-	-		
New Shawmut Mining Co.														
24820106	U.F.	36	-	-	-	-	-	-	-	-	-	-		
Northern Counties Coal Co., Inc.														
24683026	L.K.	24	-	-	-	-	-	-	-	-	802,391	4,270	2,847*	
24743016	M.L.K.	16-24	-	-	-	-	-	-	-	-	328,235	924	1,151*	
24743016	U.K./U.L.F.	32-45	-	-	-	-	-	-	-	-	24,750	804	293*	
24753024	U.K./U.L.F.	32-45	-	-	-	-	-	-	-	-	-	-	-	
24820101	L.K.	30	-	-	-	-	-	-	-	-	103,955	221	303*	
											<b>TOTAL</b>	<b>1,259,331</b>	<b>6,219</b>	<b>4,594</b>
P&N Coal Co., Inc.														
24840105	L.F./U.K.	22-32	-	-	-	-	-	-	-	-	125,415	394	618*	
Rockwood Energy & Mineral Corp.														
24810102	M.K.	32	-	-	-	-	-	-	-	-	20,000	-	-	
24820106	U.K.	32	-	-	-	-	-	-	-	-	55,600	-	-	
											<b>TOTAL</b>	<b>75,600</b>	<b>-</b>	<b>-</b>
S & S Coal Leasing, Inc.														
24850101	L.K.	36	-	-	-	-	-	-	-	-	-	-	-	
Strishock Coal Co.														
24820107	Elk	28	-	-	-	-	-	-	-	-	-	-	-	
Tamburlin Bros. Coal Co., Inc.														
24813008	L.F.	28	-	-	-	-	-	-	-	-	-	-	-	
4670BSM4	U.L.F.	40	-	-	-	-	-	-	-	-	5,900	850	-	

ELK COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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:	Flame:	Elec:	Nitrate			
Tamburlin Bros. Coal Co., Inc. (Cont.)																
4678SM3	L.F.	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4678SM4	M.K.	30	-	-	-	-	-	-	-	-	-	-	22,610	1,250	-	-
													TOTAL	28,510	2,100	-
Vollmer, Lawrence B.																
24673003	U.K.	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													COUNTY TOTAL	1,488,856	8,713	5,212

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







FAYETTE COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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	
Swenglish & Sons Coal Co. 26773025	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-
Voithofer, Jr. Edward V. 26773046	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL										3,831,584	43,195	39,344

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  
U.F. - Lower Freeport

FULTON COUNTY

Operators and Mines/ or Mine Drainage 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		Nitrate
			Depth	Length	Degrees	Drift	Gas-	gas-	Open	Safety	tric			
L&B Coal Co. Inc. 05743005	Barnett/Kelly	24-42	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL												-	-	-

GREENE COUNTY

Operators and Mines/ or Mine Drainage 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			
B.L.F. Corp.															
30803017	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	-	
30823028	Waynesburg	60	-	-	-	-	-	-	-	-	-	1,511,573	5,217	13,665	
30830106T	Waynesburg	60	-	-	-	-	-	-	-	-	-	129,233	482	1,488	
												TOTAL	1,640,806	5,699	15,153
Balazick, Charles															
30830104	Waynesburg	54	-	-	-	-	-	-	-	-	-	163,552	650	-	
C&J Coal Co.															
30830108	Sewickley	48	-	-	-	-	-	-	-	-	-	20,000	500	-	
Chess Coal Co.															
30773006	Sewickley	36-48	-	-	-	-	-	-	-	-	-	10,890	100	-	
Energy Resources Corp. of America															
3274SM23	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
3275SM9	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
327B76SM1	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
32B77SM3	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ford & Gaskill															
3270BSMT	Redstone/Sewickley	36-60	-	-	-	-	-	-	-	-	-	1,268,267	-	3,463*	
Genovese II, Theodore R.															
30850102	Sewickley	46	-	-	-	-	-	-	-	-	-	-	-	-	
Greene County Coal Co.															
30840102	Waynesburg	44	-	-	-	-	-	-	-	-	-	329,327	888	-	
Lawrence Coal Co.															
30713008	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	-	
North Fayette Coal Co.															
30813020	Waynesburg	42	-	-	-	-	-	-	-	-	-	(b)	(b)	(b)	
Oliverio, Coal Co.															
30743013T	Waynesburg	36	-	-	-	-	-	-	-	-	-	101,050	-	-	
S.J.M. Diversified Co.															
30813012	Waynesburg	54	-	-	-	-	-	-	-	-	-	-	-	-	
Sun Ann Coal, Inc.															
30810107	Waynesburg	42	-	-	-	-	-	-	-	-	-	39,275	-	113*	

GREENE COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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
Turner, Inc., John K. (a)	Unknown	84	-	-	-	-	-	-	-	-	-	-	-	-	-
Twilight Industries 30813010	Waynesburg	48	-	-	-	-	-	-	-	-	-	84,946	692	-	
Viabile Coal Corp., Inc. 30840103	Waynesburg	48	-	-	-	-	-	-	-	-	-	(c)	-	-	
30850103	Waynesburg	48	-	-	-	-	-	-	-	-	-	-	-	-	
Zinn Coal Co. 30830101	Sewickley	52	-	-	-	-	-	-	-	-	-	900	150	-	
COUNTY TOTAL												3,659,013	8,679	18,729	

Note: (a) No permit no. indicated  
on operators annual report  
\* Primers  
(b) Sub contracted  
(c) Blasting done by H.L. & A.G. Balsinger, Inc.

HUNTINGDON COUNTY

Operators and Mines/ or Mine Drainage 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	
L&B Coal Co. Inc. 05830101	Spear Coal	24	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL										-	-	-

INDIANA COUNTY

Operators and Mines/ or Mine Drainage 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 :				
ALT Incorporated 32840102	Pittsburgh	80	-	-	-	-	-	-	-	-	-	39,050	617	140	
A & T Coal Co., Inc. 32793047	Bakerstown	19	-	-	-	-	-	-	-	-	-	-	-	-	
32820137	Bakerstown	24	-	-	-	-	-	-	-	-	-	201,590	-	1,872	
32820139	L.F.	42	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	201,590	-	1,872
Acme Drilling 32823035	U.L.F.	32-42	-	-	-	-	-	-	-	-	-	38,605	513	-	
Arcadia Co., Inc., The 32563051	U.L.F./U.K.	42-30-20	-	-	-	-	-	-	-	-	-	266,016	2,810	4,082	
32820134	L.M.U.K.	18-20	-	-	-	-	-	-	-	-	-	-	-	-	
32830109	U.L.F./U.K.	42-30-20	-	-	-	-	-	-	-	-	-	177,344	1,874	2,722	
32850116	U.K.	50	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	443,360	4,684	6,804
B & W Coal, Inc. 32823038	Pittsburgh	72	-	-	-	-	-	-	-	-	-	116,000	2,151	940	
Benjamin Coal Co. 32813065	L.U.F.	22-30	-	-	-	-	-	-	-	-	-	71,925	560	602*	
32823052	L.F.	20	-	-	-	-	-	-	-	-	-	-	-	-	
32830111	U.K.	20	-	-	-	-	-	-	-	-	-	224,225	1,746	1,879*	
32850106	L.U.F.	22-30	-	-	-	-	-	-	-	-	-	1,018,692	7,931	853*	
												TOTAL	1,314,842	10,237	3,334
Beilchick Brothers 32663056	U.F.	27	-	-	-	-	-	-	-	-	-	104,400	495	-	
32830113	L.F.	38	-	-	-	-	-	-	-	-	-	68,500	337	-	
												TOTAL	172,900	832	-
Bentley Coal Co., Inc. 3273039	Mahoning	32	-	-	-	-	-	-	-	-	-	204,042	5,030	-	
32830102	L.F.	34	-	-	-	-	-	-	-	-	-	139,131	4,134	-	
32830110	L.F./Mahoning	32-34	-	-	-	-	-	-	-	-	-	1,025,040	16,956	-	
												TOTAL	1,368,213	26,120	-
Blairsville Associates 32823005	U.K.	30	-	-	-	-	-	-	-	-	-	13,944	527	-	

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INDIANA COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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		Dynamite		
			:Depth:	:Length:	:Degrees:	:Drift:	:ous:	:ous:	Open:	Safety:	tritic :	Nitrate			
Marion Center Mining Co., Inc. 32820138	L.K.	27	-	-	-	-	-	-	-	-	-	77,660	1,322	-	
Marquise Mining Corp. 32813061	U.L.K.	26-48	-	-	-	-	-	-	-	-	-	169,581	6,081	-	
M.B. Energy, Inc. 32823049	U.F.	60	-	-	-	-	-	-	-	-	-	395,735	-	112,148	
32830108	U.L.F.	36-53	-	-	-	-	-	-	-	-	-	-	-	-	
32840111	L.K.	42	-	-	-	-	-	-	-	-	-	606,802	-	253,584	
32850109	U.F.	42	-	-	-	-	-	-	-	-	-	-	-	-	
33820134	L.K.	40	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>TOTAL</b>	<b>1,002,537</b>	<b>-</b>	<b>365,732</b>
Mears Enterprise, Inc. 32803009	L.F.	26	-	-	-	-	-	-	-	-	-	211,740	3,231	-	
32813021	U.L.F.	20-30	-	-	-	-	-	-	-	-	-	41,210	1,111	-	
3282320	L.F./M.K.	20-26	-	-	-	-	-	-	-	-	-	35,140	444	-	
32823017	U.F.	36	-	-	-	-	-	-	-	-	-	94,720	731	-	
32823028	L.F.	34	-	-	-	-	-	-	-	-	-	99,770	521	-	
Auger-BAM 2001-194	L.F.	26	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-210	L.F.	26	-	-	-	-	-	-	-	-	-	-	-	-	
Auger-BAM 2001-214	M.K.	20	-	-	-	-	-	-	-	-	-	-	-	-	
												<b>TOTAL</b>	<b>482,580</b>	<b>6,038</b>	<b>-</b>
Negley Coal Co., Inc. 32753025	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	
North Cambria Fuel Co. 32840107	U.L.F.	42	-	-	-	-	-	-	-	-	-	607,118	-	395,881	
P & N Coal Co., Inc. 32813011	U.L.F.	28-30	-	-	-	-	-	-	-	-	-	882,130	4,414	4,828*	
Peles, Joseph 32840103	U.F.	30	-	-	-	-	-	-	-	-	-	88,550	9,007	-	
Rayar Mining Co. 32823024	L.U.F.	20	-	-	-	-	-	-	-	-	-	25,315	560	-	
T.L.H. Coal Co. 32763040	M.U.K./L.U.F.	30	-	-	-	-	-	-	-	-	-	580,697	3,299	3,031*	

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INDIANA COUNTY (Cont.)

Operators and Mines/ or Mine Drainage 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		
Twin Brook Coal Co. 32813001	Bakerstown	15	-	-	-	-	-	-	-	-	-	113,710	2,924	-
Yenzi Jr., John 03976SM5	Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL												12,346,083	138,530	859,699

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