

CLEARFIELD COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening				Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)	
			Shaft Depth	Slope		Drift Drift			Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite		
				Length	Degrees										
Andray Mining Co. 17793018	MUK/LF/Rider	16-24-42	-	-	-	-	-	-	-	-	-	54,680	867	-	
Baumgardner Coal Co., Inc., Larry D. 17880108	MLK	28	-	-	-	-	-	-	-	-	-	453,835	1,947	-	
Bender Coal Co., E. P. 17880104	ULF	18-30	-	-	-	-	-	-	-	-	-	427,350	2,620	-	
17880107	ULF	18-30	-	-	-	-	-	-	-	-	-	363,031	1,772	-	
17880123	MLK	28-30	-	-	-	-	-	-	-	-	-	316,480	2,932	-	
17890101	Mahoning/ULF	24-28-30	-	-	-	-	-	-	-	-	-	1,746,269	10,614	-	
Auger-BAM 40257	LF	30	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	2,853,130	17,938	-
Beverly Hill Coal Co. 17860127	LF	17	-	-	-	-	-	-	-	-	-	-	-	-	
Bowman, W. C. 17703032	LF	-	-	-	-	-	-	-	-	-	-	-	-	-	
Brown, Inc., E. M. 17773022	Clarion	30	-	-	-	-	-	-	-	-	-	-	-	-	
17813013	Clarion	28	-	-	-	-	-	-	-	-	-	-	-	-	
17820146	UK	24	-	-	-	-	-	-	-	-	-	-	-	-	
17820175	Clarion	28	-	-	-	-	-	-	-	-	-	-	-	-	
17860136	UK	28	-	-	-	-	-	-	-	-	-	-	-	-	
17900117	LK	40	-	-	-	-	-	-	-	-	-	-	-	-	
17930103	MUK/LUF	24-30-48	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	-	-	-
Bulldog Coal Co. 17820119	Freeport	30	-	-	-	-	-	-	-	-	-	-	-	-	
17890125	Freeport	40	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	-	-	-

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft	Slope		Drift	Gas- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
				Depth	Length									Degrees	Drift
C & K Coal Co. 17880104	ULF	18-20	-	-	-	-	-	-	-	-	-	294,570	1,925	3,847	
17880123	MLK	24-27	-	-	-	-	-	-	-	-	-	96,360	480	978	
17890112	Mahoning/ULF	12-24-28	-	-	-	-	-	-	-	-	-	660,044	2,851	1,642	
												TOTAL	1,050,974	5,256	6,467
Carlin, Inc., R.S. 17793140	UMK	12-20	-	-	-	-	-	-	-	-	-	442,050	1,733	3,109	
Chestnut Ridge Coal Co. 17930104	UK	18	-	-	-	-	-	-	-	-	-	-	-	-	
Cowfer Contracting, Inc., James I.															
17820152	Bituminous	28	-	-	-	-	-	-	-	-	-	-	-	-	
17830119	Bituminous	24	-	-	-	-	-	-	-	-	-	115,050	1,227	-	
3266BSM76/4471BSM19	Bituminous	28	-	-	-	-	-	-	-	-	-	390,760	4,685	-	
												TOTAL	505,810	5,912	-
Cougar Contracting, Inc. 17870122	LUF	16-43	-	-	-	-	-	-	-	-	-	250,150	55,950	-	
17920104	LF/MK	14-38	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	250,150	55,950	-
Deer Run Coal Co. 17840118	LF	36	-	-	-	-	-	-	-	-	-	-	-	-	
Doverspike Bros. Coal Co. 17900116	UMK/LF	18-28-70	-	-	-	-	-	-	-	-	-	591,520	4,604	-	
Ecklund Coal Co., Inc. 17910131	LUF	12-32	-	-	-	-	-	-	-	-	-	-	-	-	

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CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used				
			Shaft			Slope			Drift	Gas-	Non-	Flame	Elec-	Ammonium	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift	Gas-	Non-								
									eous	eous	Open	Safety	tric	Nitrate		
Enercorp, Inc. 17663136	LK	48	-	-	-	-	-	-	-	-	-	278,200	1,281	26,228		
17840115	LK	36	-	-	-	-	-	-	-	-	-	3,050	30	-		
												TOTAL	281,250	1,311	26,228	
Fahr Coal Co. 178700118/17900138	Mahoning/UF	24-30	-	-	-	-	-	-	-	-	-	128,142	908	-		
Forcey Coal Co. 17910115	UK	36	-	-	-	-	-	-	-	-	-	34,400	498	-		
G & S Timber, Inc. 17910116	UF	16	-	-	-	-	-	-	-	-	-	504,580	9,627	31,540		
Graham Bros. Lumber Co., Inc. 17820149	Clarion	16	-	-	-	-	-	-	-	-	-	7,325	212	56		
Hamilton Bros. Coal, Inc. 17880122	LF/MK	20-36	-	-	-	-	-	-	-	-	-	100,305	1,877	-		
17910122	LF/UF	20-24	-	-	-	-	-	-	-	-	-	313,273	4,630	-		
												TOTAL	413,578	6,500	-	
Hamilton Contracting Co., AI 17753159	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
17803166	ULF	24	-	-	-	-	-	-	-	-	-	656,850	6,930	131,045		
17803166 Auger	ULF	24	-	-	-	-	-	-	-	-	-	18,810	210	6,270		
17820106	ULMK	12-18	-	-	-	-	-	-	-	-	-	-	-	-		
17820108	UMLK	-	-	-	-	-	-	-	-	-	-	-	-	-		
17830129	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

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CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft Depth	Slope Length	Drift Degrees	Gas- eous	Non- Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
Hamilton Contracting Co., Al (continued from last page)														
17840131	UMK/LF	20-24-36	-	-	-	-	-	-	-	-	-	680,995	10,363	108,749
17840131 Auger	UMK/LF	20-24-36	-	-	-	-	-	-	-	-	-	-	-	-
17870106	LF/UK	16-34	-	-	-	-	-	-	-	-	-	-	-	-
17890105	ULF	22-24	-	-	-	-	-	-	-	-	-	877,378	4,916	71,440
17890106	MK	24	-	-	-	-	-	-	-	-	-	13,640	216	70
17890115	LK	24	-	-	-	-	-	-	-	-	-	165,600	1,439	10,876
17890117	MK	24	-	-	-	-	-	-	-	-	-	507,927	5,453	29,975
17890121	MK	20	-	-	-	-	-	-	-	-	-	57,970	452	12,960
17910106	ULF	24	-	-	-	-	-	-	-	-	-	656,850	6,930	131,045
17910106 Auger	ULF	24	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL											3,636,020	36,909	502,430	
Hanslovian Coal Co., Inc., Ed														
17870116	MK	26	-	-	-	-	-	-	-	-	-	-	-	-
17910123	ULF	15-36	-	-	-	-	-	-	-	-	-	1,131,126	20,154	-
17930101	LF	28	-	-	-	-	-	-	-	-	-	63,242	1,425	-
TOTAL											1,194,368	21,579	-	
Hartman Contractor, Warren C.														
17783109	Clarion	18-24	-	-	-	-	-	-	-	-	-	21,125	2,766	558
Hepburnia Coal Co.														
17803015	LUF	21	-	-	-	-	-	-	-	-	-	-	-	-
17820118	UK	18	-	-	-	-	-	-	-	-	-	76,580	859	-
17820139	LUF	24	-	-	-	-	-	-	-	-	-	211,380	1,968	-
17830120	LUF	23	-	-	-	-	-	-	-	-	-	100,214	1,438	-
17850133	UF	24	-	-	-	-	-	-	-	-	-	9,370	45	-
17850135	ULF/UK	35	-	-	-	-	-	-	-	-	-	1,347,468	9,092	-
17880101	MUK	27	-	-	-	-	-	-	-	-	-	101,220	815	-
17880119	UK	30	-	-	-	-	-	-	-	-	-	193,782	1,993	-

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CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
			Shaft Depth	Slope		Drift Drift	Open	Flame			Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
				Length	Degrees											
Hepburnia Coal Co. (continued from last page)																
17890119	UF	30	-	-	-	-	-	-	-	-	-	64,250	528	-		
17890120	UF	30	-	-	-	-	-	-	-	-	-	380,000	4,720	-		
17890124	UK	18	-	-	-	-	-	-	-	-	-	137,659	1,547	-		
17900104	ULF	23	-	-	-	-	-	-	-	-	-	500,605	8,219	-		
17900121	LUF	21	-	-	-	-	-	-	-	-	-	-	-	-		
17900134	LUF	21	-	-	-	-	-	-	-	-	-	1,167,131	7,059	-		
												TOTAL	4,289,659	38,283	-	
Hilltop Coal Co.																
17900107	LF	50	-	-	-	-	-	-	-	-	-	-	-	-		
Junior Coal Contracting, Inc.																
17820151	UMK	10-28	-	-	-	-	-	-	-	-	-	611,909	3,920	-		
17900140	UF	36-40	-	-	-	-	-	-	-	-	-	-	-	-		
17920119	LF	30-32	-	-	-	-	-	-	-	-	-	-	-	-		
												TOTAL	611,909	3,920	-	
Kasubick Bros. Coal Co.																
17820129	LK	22	-	-	-	-	-	-	-	-	-	22,500	-	-		
K & J Coal Co., Inc.																
17820176	UF	19	-	-	-	-	-	-	-	-	-	576,451	1,890	2,692		
17830111	ULF	10-26	-	-	-	-	-	-	-	-	-	707,246	3,754	5,775		
17840117	ULF	10-26	-	-	-	-	-	-	-	-	-	-	-	-		
11920101	UF	20	-	-	-	-	-	-	-	-	-	-	-	-		
												TOTAL	1,283,697	5,644	8,467	
King Coal Sales, Inc.																
17850127	UMK	14-16	-	-	-	-	-	-	-	-	-	1,481,441	8,613	-		
17880109	UMK	22-26	-	-	-	-	-	-	-	-	-	742,944	4,309	-		
17910133	Freeport	25	-	-	-	-	-	-	-	-	-	-	-	-		
												TOTAL	2,224,385	12,922	-	

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
			Shaft Depth	Slope		Drift Drift	Open			Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Length	Degrees										
Kitko, Frances B. 17870102	Freeport	48	-	-	-	-	-	-	-	-	-	128	-	-	
Kitko, Fred 17900029	Bituminous	22	-	-	-	-	-	-	-	-	-	-	-	-	
Larson Enterprises, Inc. 17820181	MUK	14-20	-	-	-	-	-	-	-	-	-	409,819	4,044	-	
17860131	MK	14	-	-	-	-	-	-	-	-	-	302,344	2,152	-	
17910134	MK	12	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	712,163	6,196	-
L & J Energy Co., Inc. 17880125	Mahoning	18	-	-	-	-	-	-	-	-	-	-	-	-	
Mahoning Mining, Inc. 17840136	LF	24	-	-	-	-	-	-	-	-	-	160,040	1,769	-	
17880111	ULF	62	-	-	-	-	-	-	-	-	-	149,400	1,519	-	
												TOTAL	309,440	3,288	-
Mary Louise Coal, Inc. 17910128	LF	48	-	-	-	-	-	-	-	-	-	-	-	-	
Maud Mining Co. 17900111	UF	24	-	-	-	-	-	-	-	-	-	-	-	-	
M. B. Energy, Inc. 17814000	LF	24	-	-	-	-	-	-	-	-	-	-	-	-	
17823190	ULF/UK	22-28	-	-	-	-	-	-	-	-	-	424	-	-	
17840132	ULF/UK	23-26	-	-	-	-	-	-	-	-	-	-	-	-	
17850120	LF/UK	23-26	-	-	-	-	-	-	-	-	-	-	-	-	
17900108	LF/UMK	16-26	-	-	-	-	-	-	-	-	-	-	-	-	
17900115	LF/UK	27-29	-	-	-	-	-	-	-	-	-	-	-	-	
17900143	LF/UK	25	-	-	-	-	-	-	-	-	-	-	-	-	
17910124	ULF/UK	22-24	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	167,975	517	-
													168,399	517	-

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft		Slope		Drift	Gas- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
			Depth	Length	Degrees	Drift	Open								Safety
McDonald Land & Mining Co., Inc.															
17773070	ULF/UK	17-28	-	-	-	-	-	-	-	-	-	7,250	315	-	
17890109	UF	28	-	-	-	-	-	-	-	-	-	254,800	2,118	14,340	
17900109	ULF	18-20-30	-	-	-	-	-	-	-	-	-	147,550	2,050	12,000	
17900123	UF	28	-	-	-	-	-	-	-	-	-	695,725	7,650	131,230	
												TOTAL	1,105,325	12,133	157,570
McGovern Coal Co., Clair															
17860142	LF	22	-	-	-	-	-	-	-	-	-	-	-	-	
Moshannon Falls Mining Co., Inc.															
17850144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17900132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mottern Coal, Inc., Floyd															
17930109	Bituminous	36	-	-	-	-	-	-	-	-	-	-	-	-	
MSM Coal Co., Inc.															
17900113	MK	26	-	-	-	-	-	-	-	-	-	120,155	447	-	
Mustang Coal & Contracting Co.															
17860114	LK	38	-	-	-	-	-	-	-	-	-	-	-	-	
17890106	LK	38	-	-	-	-	-	-	-	-	-	-	-	-	
Northern Counties Coal Co.															
17820180	LMUK	18-24-48	-	-	-	-	-	-	-	-	-	331,665	2,842	4,800	
17860131	MK	14	-	-	-	-	-	-	-	-	-	95,320	13,530	1,086	
17900129	Rider/ULF	12-48	-	-	-	-	-	-	-	-	-	363,570	13,626	2,952	
17910138	UF/Mahoning	26-36	-	-	-	-	-	-	-	-	-	1,730,800	91,886	13,381	
												TOTAL	2,521,355	121,884	22,219
P & N Coal Co., Inc.															
17743003	ULF/UK	24-36	-	-	-	-	-	-	-	-	-	23,220	170	-	

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft	Slope		Drift	Gas- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Depth	Length									Degrees
Peles, Joseph 17860140	UF/Mahoning	24-30	-	-	-	-	-	-	-	-	52,850	2,370	-	
Penn-Grampian Coal Co.														
17773038	MLK	26-30	-	-	-	-	-	-	-	-	118,275	1,656	5,750	
17840120	ULF/Mahoning	24-26	-	-	-	-	-	-	-	-	519,740	4,088	-	
17840135	Clarion 1 & 2	12-24	-	-	-	-	-	-	-	-	-	-	-	
17910102	UF/Mahoning	24-40	-	-	-	-	-	-	-	-	-	-	-	
17910117	ULF/Mahoning	24-30	-	-	-	-	-	-	-	-	151,064	1,120	-	
17910120	ULF	24-30	-	-	-	-	-	-	-	-	36,264	624	-	
											TOTAL	825,343	7,488	5,750
Philipsburg Family Fun, Inc. 17890123	Clarion/Mercer	24-26	-	-	-	-	-	-	-	-	-	-	-	
Power Operating Co., Inc.														
17673057	LF/UMLK	132	-	-	-	-	-	-	-	-	9,081,419	50,299	-	
17841604	UK	18	-	-	-	-	-	-	-	-	1,267	19	-	
17860144	LF/UK	36	-	-	-	-	-	-	-	-	-	712	-	
											TOTAL	9,082,686	51,030	-
Ratay Coal, Inc. 17830134	LUK/LF	24-42	-	-	-	-	-	-	-	-	-	-	-	
R. B. Contracting														
17910126	-	30	-	-	-	-	-	-	-	-	-	-	-	
17920111	ULF	25	-	-	-	-	-	-	-	-	-	-	-	
Reese Coal Co., Inc. Philip 17814033	UMLK	18-32-34	-	-	-	-	-	-	-	-	538,400	5,240	-	

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft		Slope		Drift	Gas- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
			Depth	Length	Degrees	Drift			Open	Safety					
River Hill Coal Co., Inc.															
17663047	UMK/LF	24	-	-	-	-	-	-	-	-	-	1,316,674	69,299	-	
1775350	UMK/LF	12-36	-	-	-	-	-	-	-	-	-	454,509	23,921	-	
17803045	LF/UMK	12-24	-	-	-	-	-	-	-	-	-	304,115	16,006	-	
17803049	LF/ULK	12-24-60	-	-	-	-	-	-	-	-	-	317,243	16,697	-	
17813046	LF/UMK	12-24	-	-	-	-	-	-	-	-	-	272,655	14,350	-	
17840123	UMK/LF	12-24	-	-	-	-	-	-	-	-	-	-	-	-	
17860112	MUK/LF	12-24	-	-	-	-	-	-	-	-	-	471,904	24,867	-	
17910114	UMK	12-24	-	-	-	-	-	-	-	-	-	2,858,971	142,949	-	
												TOTAL	5,996,071	308,089	-
Roy Coal Co.															
17743165	MUK	15-30	-	-	-	-	-	-	-	-	-	25,425	155	-	
Ryan Brothers Coal Co.															
17860134	LUF	24-26	-	-	-	-	-	-	-	-	-	-	-	-	
Sky Haven Coal, Inc.															
17743172	UK/LF	30	-	-	-	-	-	-	-	-	-	897,890	-	5,101	
17803094	UK/LUF	40	-	-	-	-	-	-	-	-	-	973,985	-	4,905	
17820104	MUK/LF	20	-	-	-	-	-	-	-	-	-	799,040	-	3,017	
17820131	MUK	24	-	-	-	-	-	-	-	-	-	77,530	-	454	
17820182	UK/ULF	30	-	-	-	-	-	-	-	-	-	324,320	-	1,659	
17850124	LMUK	24	-	-	-	-	-	-	-	-	-	226,185	-	1,783	
17851501	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17860101	UK/LUF	36	-	-	-	-	-	-	-	-	-	241,690	-	2,267	
17860104	UK/LF	30	-	-	-	-	-	-	-	-	-	373,560	-	-	
17860148	UK/LF	28	-	-	-	-	-	-	-	-	-	-	-	-	
17870129	MK/LF	45	-	-	-	-	-	-	-	-	-	550,960	-	3,864	
17880118	UK/LUF	26	-	-	-	-	-	-	-	-	-	245,840	-	1,687	
17890122	UK/LF	30	-	-	-	-	-	-	-	-	-	454,805	-	7,291	

(continued on next page)

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Number and Type Lamps Used			Pounds of Explosives Used				
			Shaft Depth	Slope Length	Drift Degrees	Drift Drift	Gas Gases	Non- Gas Gases	Flame Open	Elec- Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
Sky Haven Coal, Inc. (continued from previous page)															
17900118	MK	28	-	-	-	-	-	-	-	-	-	187,770	-	809	
17900130	UK/LF	18	-	-	-	-	-	-	-	-	-	323,940	-	2,212	
17901601	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17910109	LUF	30	-	-	-	-	-	-	-	-	-	175,070	-	1,940	
17910110	MUK/LF	20	-	-	-	-	-	-	-	-	-	91,720	-	666	
17910111	MK	26	-	-	-	-	-	-	-	-	-	77,820	-	1,126	
17910130	UF	24	-	-	-	-	-	-	-	-	-	153,440	-	1,139	
17910132	UF	28	-	-	-	-	-	-	-	-	-	293,005	-	1,425	
17920121	UF	28	-	-	-	-	-	-	-	-	-	59,355	-	359	
17920122	UF/Mahoning	28	-	-	-	-	-	-	-	-	-	24,520	-	106	
												TOTAL	6,352,445	-	41,810
Smith Coal Co., AA															
17900125 and Auger BAM 40246	ULMK/Luthersburg	16-27	-	-	-	-	-	-	-	-	-	63,085	823	-	
Southwest Reclamation, Inc.															
17900105	ULF	22-28	-	-	-	-	-	-	-	-	-	2,493	102,333	17,550	
Strishock Coal Co.															
17793123	MLK	24	-	-	-	-	-	-	-	-	-	203,911	1,303	1,696	
17803096	MLK/LMF	24	-	-	-	-	-	-	-	-	-	307,020	1,742	2,536	
												TOTAL	510,931	3,045	4,232
Thomas Coal Co., Inc.															
17820177	UK	22	-	-	-	-	-	-	-	-	-	-	-	-	
17860133	UK/LF	27-30	-	-	-	-	-	-	-	-	-	690,070	10,382	38,970	
17870119	LK	28	-	-	-	-	-	-	-	-	-	-	-	-	
17920109	UF/UK	22-28	-	-	-	-	-	-	-	-	-	287,400	4,158	9,930	
												TOTAL	977,470	14,540	48,900

CLEARFIELD COUNTY (continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Number and Type Lamps Used			Pounds of Explosives Used				
			Shaft		Slope		Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
			Depth	Length	Degrees	Drift	Drift								
T & T Clay Co. 17900126	Mercer	32	-	-	-	-	-	-	-	-	-	29,900	1,503	8,010	
Turner Coal Co., W. R. 17870107	Mahoning	-	-	-	-	-	-	-	-	-	-	-	-	-	
Waroquier Coal Co. 17840138	ULF	24-28	-	-	-	-	-	-	-	-	-	2,090	66,225	19,480	
17880106	ULF	24-28	-	-	-	-	-	-	-	-	-	2,075	79,420	1,100	
												TOTAL	4,165	145,645	20,580
Wesott, Inc. 17920103	UK/ULF	16-32	-	-	-	-	-	-	-	-	-	109,070	1,025	-	
												COUNTY TOTAL	50,385,566	1,023,207	905,476

NOTE:

Symbols for Geological Name of Coal Bed:

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

CLINTON COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft		Slope		Drift		Gas- Open	Non- Gas- Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift	eous	eous							
Confer Bros. Coal Co. 18793005	Brookville	30	-	-	-	-	-	-	-	-	-	-	-	-	
Con-Coal, Inc. 18860101	Brookville	30	-	-	-	-	-	-	-	-	-	147,450	3,050	425	
												COUNTY TOTAL	147,450	3,050	425

ELK COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Non- Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
			Shaft: Depth	Slope		Drift: Drift	Gas- eous			Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	
				Length	Degrees										
Bauer Equipment Sales 24763013	LF	44	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Oak Development, Inc. 24840105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24870102	LF	30	-	-	-	-	-	-	-	-	-	49,230	133	-	
												TOTAL	49,230	133	-
Energy Resources, Inc. 24880101	UK/ULF	28	-	-	-	-	-	-	-	-	-	360,496	713	-	
24890102	ULF/UK	28	-	-	-	-	-	-	-	-	-	507,355	1,615	-	
24890108	UK	30	-	-	-	-	-	-	-	-	-	471,030	1,273	-	
24900104	UK/LF	28	-	-	-	-	-	-	-	-	-	332,765	658	-	
												TOTAL	1,671,646	4,259	-
Fairview Coal Co. 24820107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24820110	LK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24840103	LUMK/LF	20-36	-	-	-	-	-	-	-	-	-	-	-	-	-
24890107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33820140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepburnia Coal Co. 24763006	UK	25	-	-	-	-	-	-	-	-	-	27,765	448	-	
24880105	UK	24	-	-	-	-	-	-	-	-	-	290,850	2,146	-	
												TOTAL	318,615	2,594	-

ELK COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used		
			Shaft		Slope		Drift	Gas- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift	Open							
Tamburlin Bros. Coal Co., Inc.														
24703004	Up. Mercer	36	-	-	-	-	-	-	-	-	-	-	-	-
24813008	LF/UK	30	-	-	-	-	-	-	-	-	-	-	-	-
24830103	LF/MUK	25	-	-	-	-	-	-	-	-	241,575	1,510	7,050	
24870101	MUK	24	-	-	-	-	-	-	-	-	11,565	112	1,380	
											TOTAL	253,140	1,622	8,430
Vollmer, David L.														
24673003	MK	30	-	-	-	-	-	-	-	-	-	-	-	-
											COUNTY TOTAL	2,292,631	8,608	8,430

Note: Symbols for Geological Name of Coal Bed:

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