

ALLEGHENY COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used				
			Shaft		Slope		Drift		Gas- eous	Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift	Gas- eous	Gas- eous								
Aloe Coal Co. 02803001 and 028013012	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	2,700	80,700(a)		
Arnoni Co., M.C. 02860104	Redstone	30	-	-	-	-	-	-	-	-	-	-	-	-		
Bologna Mining Co. 028783003	Pittsburgh No. 8	48	-	-	-	-	-	-	-	-	-	-	-	-		
Chambers Development Co. 02830103	Pittsburgh	36	-	-	-	-	-	-	-	-	-	-	-	-		
Dinert, Inc., James Unknown	Pittsburgh	100	-	-	-	-	-	-	-	-	-	-	-	-		
Hamrock, Robert G. & Bayles, Brad D. 02860901	Redstone	36	-	-	-	-	-	-	-	-	-	-	-	-		
Kerry Coal Co. 02860103	Pittsburgh	60	-	-	-	-	-	-	-	-	-	200,610	1,047	1,757		
Pangersis Coal Co. 02860102	Pittsburgh No. 8	60	-	-	-	-	-	-	-	-	-	173,470	3,627	-		
COUNTY TOTAL												374,080	7,374	82,457		

Note: (a) Wet Hole

ARMSTRONG COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used		
			Shaft	Slope		Drift	Gas- eous	Non- Gas- eous	Open	Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Length	Degrees									
Daybrook Coal Co.														
03813074	UF	38	-	-	-	-	-	-	-	-	18,000	62	-	
03880123	UF	40	-	-	-	-	-	-	-	-	57,726	705	-	
Auger-BAM 3325	UF	38	-	-	-	-	-	-	-	-	-	-	-	
											Total	75,726	767	-
Doverspike Bros. Coal Co.														
03803034	LK	24	-	-	-	-	-	-	-	-	93,280	509	-	
03860107	LK	26	-	-	-	-	-	-	-	-	128,815	704	-	
											Total	222,095	1,213	-
Doverspike, Gary C														
03850102	LF	24	-	-	-	-	-	-	-	-	-	-	-	
Auger - BAM 3311	LF	24	-	-	-	-	-	-	-	-	-	-	-	
Glacial Minerals, Inc.														
03880101	UF	24	-	-	-	-	-	-	-	-	314,600	-	-	
Houser, Earl														
33663009	UK/LF	16-48	-	-	-	-	-	-	-	-	17,524	-	-	
Houser Coal Co., Inc., Walter L.														
03830116	LF	34	-	-	-	-	-	-	-	-	59,193	2,224	-	
03860109	LUF	28-40	-	-	-	-	-	-	-	-	163,001	1,697	-	
03880104	UF	32	-	-	-	-	-	-	-	-	29,200	317	-	
											Total	251,394	4,238	-
K. M. P. Associates														
03850113	UF	42	-	-	-	-	-	-	-	-	31,650	520	-	
Kent Coal Mining Co														
03793072C	Pittsburgh	132	-	-	-	-	-	-	-	-	184,555	2,771	-	
03850105T	UF	45	-	-	-	-	-	-	-	-	37,000	1,731	-	
03870105	UF	44	-	-	-	-	-	-	-	-	146,750	2,183	-	

ARMSTRONG COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft		Slope		Drift	Gas	Non- Gas	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
			Depth	Length	Degrees	Drift	eous	eous	Open						Safety
State Industries, Inc. 03830118	MKLFLK Clarion	6-24-26-32	-	-	-	-	-	-	-	-	-	1,266,758	6,150	7,099	
03840106	ULF/UMK	24-39	-	-	-	-	-	-	-	-	-	-	-	-	
03860108	MK/UF	28-48	-	-	-	-	-	-	-	-	-	72,698	425	709	
03860111	UF	48	-	-	-	-	-	-	-	-	-	781,597	4,339	5,650	
												Total	2,121,053	10,914	13,458
T. C. Mining 03880106	LF	30	-	-	-	-	-	-	-	-	-	-	-	-	
TDK Coal Sales, Inc. 03880112	UF	24	-	-	-	-	-	-	-	-	-	-	-	-	
Terry Coal Sales, Inc. 03860103	UF	35	-	-	-	-	-	-	-	-	-	23,065	454	-	
03880109	UF	30	-	-	-	-	-	-	-	-	-	993,370	9,644	-	
03890101	UF	35	-	-	-	-	-	-	-	-	-	75,225	1,218	-	
Auger BAM 333	UF	30	-	-	-	-	-	-	-	-	-	-	-	-	
												Total	1,091,660	11,316	-
Turner Enterprises, Bill 03830108	UMK	30-36	-	-	-	-	-	-	-	-	-	660	581	-	
Windber High Standard Coal Co. 03823013	Pittsburgh	100	-	-	-	-	-	-	-	-	-	-	-	-	
												COUNTY TOTAL	9,045,737	92,185	198,792

Note: @ Wet Hole

Symbols for Geological Name of Coal Bed

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

BEAVER COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft		Slope		Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift									
Amerikohl Mining, Inc.															
04840101	Middle Kittanning	18	-	-	-	-	-	-	-	-	-	14,083	74	-	
04880103	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	849,229	4,029	-	
												Total	863,312	4,103	-
Kerry Coal Co.															
04823006	MLK	16-25-27	-	-	-	-	-	-	-	-	-	40,030	778	1,262	
04870102	UF	36	-	-	-	-	-	-	-	-	-	359,947	3,180	5,068	
04890101	LK	27	-	-	-	-	-	-	-	-	-	-	-	-	
												Total	399,977	3,958	6,330
												COUNTY TOTAL	1,263,289	8,061	6,330

Note:

Symbols for Geological Name of Coal Bed:

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

BEDFORD COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft		Slope		Drift		Gas- eous	Non- Gas- eous	Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
			Depth	Length	Degrees	Drift	Gas-	Gas-							
Dash Coal Co., Inc. 03753004	Big Pittsburgh	36	-	-	-	-	-	-	-	-	-	-	-	-	-
05773002	Fulton	36	-	-	-	-	-	-	-	-	-	164,825	1,295	1,441*	
05803009	Fulton/Barnett	36	-	-	-	-	-	-	-	-	-	-	-	-	
												Total	164,825	1,295	1,441
												COUNTY TOTAL	164,825	1,295	1,441

Note: * Caps

BLAIR COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft Depth	Slope		Drift Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
				Length	Degrees										
Cooney Bros. Coal Co. 07850103 11813015	Brookville, LMK	28	-	-	-	-	-	-	-	-	-	50,000	6,000	-	
	Brookville, LMK	28	-	-	-	-	-	-	-	-	-	110,000	10,500	-	
												Total	160,000	16,500	-
												COUNTY TOTAL	160,000	16,500	-

Note:

Symbols for Geological Name of Coal Bed:

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

BUTLER COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft		Slope		Drift	Gas-	Non-	Flame	Elec-	Ammonium	Dynamite	Other Permis- sible (Name)	
			Depth	Length	Degrees	Drift	eous	eous	Open						Safety
Amerikohl Mining, Inc.															
10870103	MK	20	-	-	-	-	-	-	-	-	-	7,800	42	-	
1080101	MK	18	-	-	-	-	-	-	-	-	-	293,574	1,135	-	
10890107	MK	22	-	-	-	-	-	-	-	-	-	109,376	440	-	
												Total	410,750	1,617	-
Big B Mining Co., Inc.															
10810124	Freeport	24	-	-	-	-	-	-	-	-	-	199,002	1,527	3,084*	
10840117	Freeport	24	-	-	-	-	-	-	-	-	-	-	-	-	
												Total	199,002	1527	3,084
Black Fox Mining															
1082013 (a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C & C Drilling, Inc.															
10870106	Brookville	-	-	-	-	-	-	-	-	-	-	34,980	275	-	
C & K Coal Co.															
10860118	MK	20	-	-	-	-	-	-	-	-	-	462,194	2,601	4,202*	
Darmac Coal, Inc.															
10840122	UF	36	-	-	-	-	-	-	-	-	-	-	-	-	
10850113	UF	34	-	-	-	-	-	-	-	-	-	-	-	-	
10860113	UF	30	-	-	-	-	-	-	-	-	-	391,670	3,024	27,266e	
10870107	UF	34	-	-	-	-	-	-	-	-	-	919,014	5,004	83,408	
10880103	UF	34	-	-	-	-	-	-	-	-	-	386,440	2,362	31,682e	
												Total	1,697,124	10,390	142,356
Glacial Minerals, Inc.															
10813016	MK	24	-	-	-	-	-	-	-	-	-	107,600	-	-	
10870102	Up. Lo. Clarion	18-24	-	-	-	-	-	-	-	-	-	53,100	-	-	
10880102	Up. Lo. Cl/MK	18-22-28	-	-	-	-	-	-	-	-	-	435,000	-	-	
10890101	MK	22	-	-	-	-	-	-	-	-	-	920,100	-	-	
												Total	1,515,800	-	-

BUTLER COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used			
			Shaft Depth	Slope Length	Drift Degrees	Gas- Drift	Non- Gas- eous	Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
															Total
H & D Coal Co.															
10860114	Brookville/ Clarion	32	-	-	-	-	-	-	-	-	-	854,970	7,723	27,852c	
10870105	Brookville	36	-	-	-	-	-	-	-	-	-	-	-	-	
10890108	Brookville/ Clarion	34	-	-	-	-	-	-	-	-	-	148,560	1,552	7,875c	
												Total	1,003,530	9,275	35,727
Malinski Mining Co., Inc.															
10850103	MK	30	-	-	-	-	-	-	-	-	-	-	-	-	
10850110	UF	24	-	-	-	-	-	-	-	-	-	20,010	-	-	
												Total	20,010	-	
McKnight Coal Corp.															
10840113	MK	34	-	-	-	-	-	-	-	-	-	203,560	1,167	-	
10860117	MK	20	-	-	-	-	-	-	-	-	-	-	-	-	
												Total	203,560	1,167	
Romanko Bros. Ent. Inc.															
10820124	MK	24	-	-	-	-	-	-	-	-	-	-	-	-	
Siegel, Thomas E.															
10820142	Up. & Lo. Clarion	17-33	-	-	-	-	-	-	-	-	-	-	-	-	
10840111	Up. & Lo. Cl/MK	17-26-36	-	-	-	-	-	-	-	-	-	-	-	-	
Sunbeam Coal Corp.															
10820112	LF	30-48	-	-	-	-	-	-	-	-	-	680,000	-	-	
10823025	Brookville	24-36	-	-	-	-	-	-	-	-	-	-	-	-	
10830110T	Brookville	30-36	-	-	-	-	-	-	-	-	-	-	-	-	
10860111	UMK	24-36	-	-	-	-	-	-	-	-	-	1,480,000	-	-	
10860119	Brookville	18-30	-	-	-	-	-	-	-	-	-	376,500	-	-	
												Total	2,536,500	-	

BUTLER COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Number and Type Lamps Used					Pounds of Explosives Used			
			Shaft	Slope		Drift	Gas- eous	Non- Gas- eous	Flame Open	Elec- Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
				Depth	Length										Degrees	Drift
Terry Coal Sales, Inc. 10860105	LK	24	-	-	-	-	-	-	-	-	-	-	74,930	2,107	-	
Tiche Limestone & Constr. Co. 10820139	Bituminous	18	-	-	-	-	-	-	-	-	-	-	-	-	-	
Western Hickory Coal Co. 10860104	UF	36	-	-	-	-	-	-	-	-	-	-	235,044	1,355	2,129	
10870104	MK/Brookville	28-30	-	-	-	-	-	-	-	-	-	-	320,961	1,355	2,128	
													Total	556,005	2,710	4,257
Willowbrook Mining Co. 10820126	MK	30	-	-	-	-	-	-	-	-	-	-	1,293,949	7,662	71,526	
Wright, Inc., Grant R. 10860115	MK	30	-	-	-	-	-	-	-	-	-	-	30,350	90	-	
													COUNTY TOTAL	10,038,684	39,421	261,152

Note: † Wet Hole
* Caps
(a) Inactive

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

CAMBRIA COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening				Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)	
			Shaft	Slope	Drift	Drift			Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite		
															Depth
Bender Coal Co., E.P.	Brookville														
11793025	Mercer/LK	30-32	-	-	-	-	-	-	-	-	-	1,827,190	34,284	-	
11823029	UK	20	-	-	-	-	-	-	-	-	-	343,925	3,995	-	
11830104	MLK/LF	20-32-48	-	-	-	-	-	-	-	-	-	98,215	1,448	-	
11850110	ULF	30-32	-	-	-	-	-	-	-	-	-	617,570	5,095	-	
11850111	UK	36	-	-	-	-	-	-	-	-	-	239,595	2,913	-	
11860102	UF	32	-	-	-	-	-	-	-	-	-	888,635	12,501	-	
11880101	UF	30	-	-	-	-	-	-	-	-	-	309,140	2,601	-	
Auger BAM 2001-285	UF	30	-	-	-	-	-	-	-	-	-	-	-	-	
											Total	4,324,270	62,837	-	
Bethmar Enterprises, Inc.	Mah,UFUK	14-32													
11850109	LF	34-38	-	-	-	-	-	-	-	-	-	585,052	2,211	-	
Cambria Coal Co.	ULF	27-30													
11783028	ULF	27-30	-	-	-	-	-	-	-	-	-	-	-	-	
11783035	UMK	14-26	-	-	-	-	-	-	-	-	-	1,854,911	8,529	19,979	
11823002	UMLK	19-22-30	-	-	-	-	-	-	-	-	-	1,267,785	7,173	11,757	
11823020	ULF	24-26	-	-	-	-	-	-	-	-	-	415,750	1,096	2,143	
11850106	UL Clarion														
	Brookville	15-42	-	-	-	-	-	-	-	-	-	147,031	937	1,855	
11860103	UF	26	-	-	-	-	-	-	-	-	-	1,391,861	3,670	7,173	
Auger BAM 2001-290	MK	22	-	-	-	-	-	-	-	-	-	-	-	-	
											Total	5,077,338	21,405	42,907	
Cooney Bros. Coal Co.	LF	40													
11693042	LF	40	-	-	-	-	-	-	-	-	-	150,000	7,500	-	
11773037	LUF	36	-	-	-	-	-	-	-	-	-	150,000	7,000	-	

CAMBRIA COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Non- Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		
			Shaft Depth	Slope		Drift Drift	Gas- eous			Flame	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
				Length	Degrees										
Cooney Bros. Coal Co. (Continued)															
11803024	UK	40	-	-	-	-	-	-	-	-	-	38,000	6,000	-	
11813038	Brookville	32	-	-	-	-	-	-	-	-	-	450,000	25,000	-	
11813039	Brookville	30	-	-	-	-	-	-	-	-	-	650,000	31,000	-	
11813040	Brookville	42	-	-	-	-	-	-	-	-	-	170,000	7,500	-	
11823003	LUK	40	-	-	-	-	-	-	-	-	-	40,000	4,000	-	
11850102	Brookville	24	-	-	-	-	-	-	-	-	-	25,000	3,000	-	
11860104	LUK	48	-	-	-	-	-	-	-	-	-	10,000	3,000	-	
Auger BAM 2001-299	UK	40	-	-	-	-	-	-	-	-	-	-	-	-	
												Total	1,683,000	94,000	-
Gard Mining, Inc.															
11840111	UF/UK	24-30	-	-	-	-	-	-	-	-	-	266,130	2,966	2,959	
GLR Mining, Inc.															
11823030	ULF	38	-	-	-	-	-	-	-	-	-	4,100	75	-	
Hepburnia Coal Co.															
11840110	LF	30	-	-	-	-	-	-	-	-	-	32,500	539	232	
K & J Coal Co., Inc.															
11693000	UFUK	25-51	-	-	-	-	-	-	-	-	-	5,422,142	272,656	15,500	
11813010	UFUK	20-45	-	-	-	-	-	-	-	-	-	282,518	2,959	4,316	
17880129	UK	45	-	-	-	-	-	-	-	-	-	1,490,569	75,000	4,260	
Auger-BAM 40187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
												Total	7,195,229	350,615	24,076
L & J Energy Co., Inc.															
11823011	ULF/UK	30	-	-	-	-	-	-	-	-	-	48,000	2,800	-	
Lasky Landfill, Inc.															
11870103	Bituminous	-	-	-	-	-	-	-	-	-	-	-	-	-	

CENTRE COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Gas- eous	Non- Gas- eous	Number and Type Lamps Used			Pounds of Explosives Used		Other Permis- sible (Name)
			Shaft	Slope		Drift	Open			Flame	Elec- tric	Ammonium Nitrate	Dynamite		
				Depth	Length									Degrees	
AME Enterprises, Inc. 14813001	MUK	8-10-24	-	-	-	-	-	-	-	-	-	266,530	2,159	-	
Carlin, Inc., R. S. 14733009	Brookville	20-30	-	-	-	-	-	-	-	-	-	453,000	1,529	2,330¢	
Hamilton Contracting Co., Al 14820103	UMK	6-30	-	-	-	-	-	-	-	-	-	53,327	730	700	
Lobb Mining Co. 14743007	Brookville	30	-	-	-	-	-	-	-	-	-	1,172,451	6,539	-	
PAC Coal Co. 14880101	Mercer	12	-	-	-	-	-	-	-	-	-	24,200	376	742¢	
Power Operating Co., Inc. 14663003	MUK	8-36	-	-	-	-	-	-	-	-	-	-	-	-	
14663004	MUK	8-36	-	-	-	-	-	-	-	-	-	653,955	5,948	-	
14663005	MUK	8-36	-	-	-	-	-	-	-	-	-	217,985	1,983	-	
14850101	UMLK	12-80	-	-	-	-	-	-	-	-	-	-	-	-	
Total									871,940			7,931	-		
COUNTY TOTAL											2,841,448	19,264	3,772		

Note: ¢ Caps

Symbols for Geological Name of Coal Bed:

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

CLARION COUNTY

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening					Number and Type Lamps Used				Pounds of Explosives Used					
			Shaft Depth	Slope Length	Drift Degrees	Drift Drift	Gas- eous	Non- Gas- eous	Open	Flame Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Ancient Sun, Inc.																	
16850108	MK	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16860106	MLK	26-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C & K Coal Co.																	
16703006	MLK	7-5	-	-	-	-	-	-	-	-	-	741,605	2,948e	3,827e			
16743037	LK	46	-	-	-	-	-	-	-	-	-	19,315	246e	248e			
16743037	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
16753010	MLK	23-37	-	-	-	-	-	-	-	-	-	1,459,443	8,213e	10,504e			
16753017	MLK/LUClarion	19-30	-	-	-	-	-	-	-	-	-	-	-	-			
		28-45	-	-	-	-	-	-	-	-	-	4,543,700	21,392e	18,460e			
16753025	UL Clarion	18-20	-	-	-	-	-	-	-	-	-	17,742	333e	541e			
16793006	UL Clarion/LK	19-26-27	-	-	-	-	-	-	-	-	-	646,698	3,766e	6,266e			
16830114	UF/MLK	12-27-38	-	-	-	-	-	-	-	-	-	9,726,257	24,807e	25,593e			
16850109	MK	28	-	-	-	-	-	-	-	-	-	448,466	2,646e	4,228e			
16850110	UMLK/LF	13-23	-	-	-	-	-	-	-	-	-	-	-	-			
		35-25	-	-	-	-	-	-	-	-	-	8,452,458	23,417e	24,192e			
16890102	UMK	9-25	-	-	-	-	-	-	-	-	-	87,514	610e	942e			
												Total	26,143,198	88,378	94,801		
Colt Resources, Inc.																	
16773010	MK	24	-	-	-	-	-	-	-	-	-	116,242	-	-			
16793028	LMK	28	-	-	-	-	-	-	-	-	-	-	-	-			
16830121	MK	24	-	-	-	-	-	-	-	-	-	1,018,870	-	-			
16880101	MK	22	-	-	-	-	-	-	-	-	-	929,467	-	-			
												Total	2,064,579	-	-		

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CLARION COUNTY (Continued)

Operators and Mines/ or Surface Mine Permit No.	Name of Coal or Geological Formation	Height of Seam Inches	Kind of Opening						Number and Type Lamps Used			Pounds of Explosives Used		
			Shaft	Slope		Drift	Gas	Non- Gas- eous	Open	Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)
				Depth	Length									
Doverspike Bros. Coal Co. 16800132	Up. & Lo. Clarion	18-36	-	-	-	-	-	-	-	-	-	1,335,389	15,240	-
16890103	Up. & Lo. Clarion	14-36	-	-	-	-	-	-	-	-	-	132,071	1,507	-
Gearhart, Alvin 16713021	LF	60	-	-	-	-	-	-	-	-	-	224,620	11,629	-
Glacial Minerals, Inc 16850104	MUK	18-24	-	-	-	-	-	-	-	-	-	569,000	-	-
16880103	LU	28-34	-	-	-	-	-	-	-	-	-	2,414,850	-	-
												Total	2,983,850	-
McKay Coal Co., Inc. 16773009	UK	18	-	-	-	-	-	-	-	-	-	17,880	394	-
R.E.M. Coal Co., Inc. 16753059	Up. & Lo. Clarion	14-24	-	-	-	-	-	-	-	-	-	129,020	2,989	-
16840108	LK	30	-	-	-	-	-	-	-	-	-	163,220	2,086	-
												Total	292,240	5,075
Reichard Contracting, Inc. 16840106	MK/LF	24-48	-	-	-	-	-	-	-	-	-	612,930	8,448	-
Reichard Paving & Excavating, Gene 16830116	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDK Coal Sales, Incorporated 16890101	LK	26	-	-	-	-	-	-	-	-	-	-	-	-
Terry Coal Sales, Inc. 16693007	MUK/LF	70	-	-	-	-	-	-	-	-	-	-	-	-
16840109	UK/LF	70	-	-	-	-	-	-	-	-	-	197,652	6,373	-
16840110	MUK	46	-	-	-	-	-	-	-	-	-	-	-	-
16850115	MUK	48	-	-	-	-	-	-	-	-	-	93,040	2,104	-
16850116	MUK	52	-	-	-	-	-	-	-	-	-	841,085	10,377	-
16860114	MUK/ULF	90	-	-	-	-	-	-	-	-	-	1,876,395	24,312	-
16870103	MUK/LF	70	-	-	-	-	-	-	-	-	-	106,428	3,432	-

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