

ERIE COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Arneman, Martin W. 25820311	Gravel	10	-	-	-	-	-	
Bedrock Sand & Gravel 2579302	None-Sand/Gravel	30	-	-	-	13	-	
2579302	Sand/Gravel	30	-	-	-	10	-	
Beute & Bliley, Inc. 25800303T	Sand & Gravel	17	-	-	-	3	-	
Bilski, Joseph R. 4-00980	-	-	-	-	-	-	-	
Briggs Construction 276-76	None-Gravel	35	-	-	-	-	-	
Burdick, Ronald F. 25870805-01	Gravel	30	-	-	-	-	-	
Cass, Clifford A. 25880304	Gravel	20	-	-	-	-	-	
Central Sand & Gravel 3-01798	None-Sand/Gravel-Ban	-	-	-	-	2	-	
Colvin, Roy L. 4-01133	-	-	-	-	-	-	-	
Crosscut, L. W. 4876SM18RE	Gravel	8	-	-	-	1	-	
Deutsch, Richard 25850809	Aggregate	15	-	-	-	1	-	
Erie Aggregate, Inc. 3173SM11	None-Sand/Gravel, Gla	30	-	-	-	6	-	
Fenton, C. B. 25870301	None-Aggregate	-	-	-	-	-	-	
Fiesler, Sally 25850812	Sand & Gravel	12	-	-	-	-	-	
Franklin Township 3778SM10	None-Gravel	12	-	-	-	1	-	
Ganzer Sand & Gravel 3076SM2	None-Sand/Gravel	-	-	-	-	5	-	
Glover, James H. 25870302	Gravel	12	-	-	-	-	-	

ERIE COUNTY (Continued)

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Grubbs, Elwood M. 3174SM6	None-Gravel	20	-	-	-	2	-	-
Hanas, John W. 25880305	Gravel	-	-	-	-	-	-	-
Hoover Sand & Gravel Co. 25800304	Sand & Gravel	15	-	-	-	-	-	-
25830313	Sand & Gravel	40	-	-	-	4	-	-
25830314	Sand & Gravel	25	-	-	-	4	-	-
25840302	Sand & Gravel	20	-	-	-	3	-	-
3173SM6	Sand & Gravel	-	-	-	-	5	-	-
Kcholske, J. & Son 4-00933	-	-	-	-	-	-	-	-
Kress, Gilbert 25870804	None-Gravel	25	-	-	-	1	-	-
25870804	Gravel	30	-	-	-	1	-	-
Kuhl, Walter 3-01974	None	80	-	-	-	-	-	-
Majerik, John SM452-1	None-Gravel	12	-	-	-	-	-	-
Maybro Asphalt Co. 3076SM11	None-Gravel	25	-	-	-	3	-	-
4876SM6	Sand & Gravel	25	-	-	-	3	-	-
McCormick Materials 4877SM8RE	Sand & Gravel	-	-	-	-	3	-	-
McKean Sand & Gravel, Inc. 25820314	None-Sand/Gravel	15	-	-	-	2	-	-
McLaughlin Peat & Gravel 25860306	-	-	-	-	-	-	-	-
McMolsmz & Son 2584311-01	None	15	-	-	-	1	-	-
Migliaccio, Patrick 4-00838	-	-	-	-	-	-	-	-
Munsee, Gary 25880302	Gravel	50	-	-	-	1	-	-

ERIE COUNTY (Continued)

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Nicholson, Adam 4-00251	None-Gravel/Bank	15	-	-	-	-	-	
Northwest Gravel Co. 2082035	None-Sand/Gravel	8	-	-	-	2	-	
4876SM8	None-Sand/Gravel	20	-	-	-	3	-	
Orton, Edward 2584308	None-Sand/Gravel	21	-	-	-	2	-	
Over Lake, Inc. 25830301	None	15	-	-	-	1	-	
Pfadt, John 25820302	None-Gravel	25	-	-	-	1	-	
Raymond D. Showman & Son 25800305	Sand & Gravel	15	-	-	-	3	-	
25850311	Sand & Gravel	15	-	-	-	0	-	
Revak, Stuart 4-01220	Gravel	-	-	-	-	-	-	
Richte, William & Eileen 25800301	None-Sand & Gravel	15	-	-	-	1	-	
25810303	None-Sand & Gravel	16	-	-	-	1	-	
Robinson, Paul R. 25830302	None-Gravel/Bank	20	-	-	-	3	-	
Scot's Glen Dev. Co. 4-00657	-	-	-	-	-	-	-	
Seelinger, Clarence SM-300-1	Sand & Gravel	4	-	-	-	-	-	
Sibleyville Land & Gravel 25800306-01-1	None-Gravel & Fill	-	-	-	-	-	-	
Tomcho, Joseph M. & Son 4876SM14	None-Gravel & Bank	10	-	-	-	3	-	
Union City Sand & Gravel 3075SM15	Gravel	10	-	-	-	4	-	
4878SM1	Gravel	40	-	-	-	4	-	

ERIE COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Arneman, Martin W. 25820311	-	-	1,988	26	1,988
Bedrock Sand & Gravel 2579302	-	-	140,000	200	140,000
2579302	-	-	106,400	106,400	200
Beute & Bliley, Inc. 25800303T	-	-	9,785	112	9,785
Bilski, Joseph R. 4-00980	-	-	50	2	50
Briggs Construction 276-76	-	-	1,750	60	1,750
Burdick, Ronald F. 25870805-01	-	-	1,000	10	1,000
Cass, Clifford A. 25880304	-	-	5,500	25	5,500
Central Sand & Gravel 3-01798	-	-	-	-	59,174
Colvin, Roy L. 4-01133	-	-	-	-	185,500
Crosscut, L. W. 4876SM18RE	-	-	5,972	7	5,972
Deutsch, Richard 25850809	-	-	1,900	30	1,900
Erie Aggregate, Inc. 3173SM11	-	-	120,000	150	120,000
Fenton, C. B. 25870301	-	-	10,290	220	10,290
Fiesler, Sally 25850812	-	-	375	10	375
Franklin Township 3778SM10	-	-	22,280	120	22,280
Ganzer Sand & Gravel 3076SM2	-	-	53,448	180	53,448
Glover, James H. 25870302	-	-	2,556	39	2,556

ERIE COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Grubbs, Elwood M. 3174SM6	-	-	6,470	160	6,470
Hanas, John W. 25880305	-	-	-	-	-
Hoover Sand & Gravel Co. 25800304	-	-	-	-	-
25830313	-	-	11,806	-	11,806
25830314	-	-	16,932	-	16,932
25840302	-	-	164,877	-	164,877
3173SM6	-	-	-	-	-
Kchoiski, J. & Son 4-00933	-	-	1,200	10	1,200
Kress, Gilbert 25870804	-	-	1,500	-	1,500
25870804	-	-	1,500	120	1,500
Kuhl, Walter 3-01974	-	-	12,015	185	12,015
Majerik, John SM452-1	-	-	-	-	-
Maybro Asphalt Co. 3076SM11	-	-	40,940	90	40,940
4876SM6	-	-	44,460	85	44,460
McCormick Materials 4877SM8RE	-	-	12,000	60	12,000
McKean Sand & Gravel, Inc. 25820314	-	-	3,000	5	3,000
McLaughlin Peat & Gravel 25860306	-	-	3,919	100	3,919
McMolmsz & Son 2584311-01	-	-	2,000	20	2,000
Migliaccio, Patrick 4-00838	-	-	400	10	400
Munsee, Gary 25880302	-	-	22,500	108	22,500

ERIE COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Nicholson, Adam 4-00251	-	-	637	-	637
Northwest Gravel Co. 2082035	-	-	12,150	80	12,150
4876SM8	-	-	25,050	240	45,000
Orton, Edward 2584308	-	-	-	215	8,000
Over Lake, Inc. 25830301	-	-	3,000	24	3,000
Pfadt, John 25820302	-	-	5,958	18	5,958
Raymond D. Showman & Son 25800305	-	-	6,094	23	6,094
25850311	-	-	3,222	19	3,222
Revak, Stuart 4-01220	-	-	-	-	-
Richte, William & Eileen 25800301	-	-	48,750	50	48,750
25810303	-	-	2,340	6	2,340
Robinson, Paul R. 25830302	-	-	1,800	-	1,800
Scot's Glen Dev. Co. 4-00657	-	-	-	-	-
Seelinger, Clarence SM-300-1	-	-	2,000	50	2,000
Sibleyville Land & Gravel 25800306-01-1	-	-	27,069	75	27,069
Tomcho, Joseph M. & Son 4876SM14	-	-	500	-	500
Union City Sand & Gravel 3075SM15	-	-	-	40	69,720
4878SM1	-	-	-	46	73,140
COUNTY TOTAL					<u>6,882,795</u>

FAYETTE COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Allan R. Fiore, Inc. 26810301	Sand & Gravel	15	-	-	-	1	-	-
Ames, A. A. 27840601	None-Sandstone	8	-	-	-	3	-	-
Davis, Louis W. 4-01072	Sand	-	-	-	-	-	-	-
Davison Sand & Gravel Co. 3378NC17T	Bluestone	60	180,450	-	77,270	12	-	-
Harbison-Walker Refractories 2969BSM24	-	-	-	-	-	-	-	-
Malinzak, Dale L. 26862301	Ashes	5	-	-	-	1	-	-
Rose, John C. 4-01138	Red Dog	10	-	-	-	2	-	-
Vico, Inc. 3372SM30-01	-	-	-	-	-	-	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Allan R. Fiore, Inc. 26810301	-	-	3,000	180	3,000
Ames, A. A. 27840601	-	-	4,470	-	4,470
Davis, Louis W. 4-01072	-	-	-	-	-
Davison Sand & Gravel 3378NC17T	-	-	210,437	238	210,437
Harbison-Walker Refr 2969BSM24	-	-	-	-	-
Malinzak, Dale L. 26862301	-	-	1,200	1,200	30
Rose, John C. 26862301	-	-	50	10	50
Vico, Inc. 3372SM30-01	-	-	-	-	-
COUNTY TOTAL					217,987

FOREST COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Kuntz, Jack J. 4672SM8RE	Sand & Gravel	-	-	-	-	2	-	-
Tionesta Sand & Gravel Co. 27820301	None-Sand/Gravel	50	-	-	-	2	-	-
4673SM4	None-Sand/Gravel	50	-	-	-	0	-	-
4878MC4	None-Sand/Gravel	50	-	-	-	0	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Kuntz, Jack J. 4672SM8RE	-	-	5,100	20	5,100
Tionesta Sand & Gravel 27820301	-	-	13,166	33	1,166
4673SM4	-	-	-	-	-
4878MC4	-	-	-	-	-
COUNTY TOTAL					6,266

FRANKLIN COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Alleman Shale 28880802	Shale	4	-	-	-	1	-	-
Chamberlin, Jay E. 6477SM8	None-Shale	-	-	-	-	1	-	-
Community Refuse, Ltd. 28880804	Shale	10	-	-	-	-	-	-
Crouse Brothers 6476SM8	None-Shale	15	-	-	-	-	-	-
Fayetteville Contracting 28860301	Shale	15	-	-	-	2	-	-
6476SM15	Shale	15	2,500	4,000	-	2	-	-
2860302	Shale	10	-	-	-	2	-	-
Grove Mfg. Co. 6476SM5-01-1	None-Shale	5	-	-	-	3	-	-
6476SM5-01-2	None-Shale	-	-	-	-	3	-	-
Grove, Edgar C. 28810302	Shale	-	-	-	-	-	-	-
Gsell, Fulton L. 6478NC4	Unknown	-	-	-	-	8	-	-
Hendershot, John L. 4-00540	-	-	-	-	-	8	-	-
Kahl, J., John C. 4-00779	Shale	8	-	-	-	2	-	-
Keshner & Son 3-02363	None-Fill/Slate	30	-	-	-	9	-	-
Knoll, Eddy H. 182324869	-	-	-	-	-	-	-	-
Kohl, Jr., John C. 4-00779	None-Slate	8	-	-	-	2	-	-
Martin, David H. 6476SM14	None-Shale	10	-	-	-	26	-	-

FRANKLIN COUNTY (Continued)

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
May & Co., Inc. 4-01041	None-Shale	8	-	-	-	1	-	-
McCulloh, Robert D. 28840301	Shale	16	-	-	-	6	-	-
New Enterprise Stone 5074SM4	Chambersburg Fm.	300	17,950	177	13,160	5	-	-
P & W Excavating, Inc. 1a6477SM1	Shale	-	-	-	-	-	-	-
28800502	Shale	-	-	-	-	-	-	-
R. & D. Contractors 6476SM13	None-Shale	6	-	-	-	5	-	-
R. & A. Bender, Inc. 4-00146	Shale	35	-	-	-	2	-	-
Snoke's Excavating & Paving 6476SM17	Shale	8	-	-	-	4	-	-
Starliper, Earl C. 4-00210	None	9	-	-	-	-	-	-
Sunny Hill Development 6476SM26	None-Slate	150	-	-	-	1	-	-
Tatnall, Debra R. 28880803-01	Shale	15	-	-	-	3	-	-
Timmons, Guy S. 28850804	None-Shale	8	-	-	-	-	-	-
Upland Acres Corp. 6476SM26	Shale	200	-	-	-	1	-	-
Valley Quarries, Inc. 28810304-01	Quaternary Alluvium	10	-	-	-	13	-	1
5074SM1	Stonehenge	800	279,300	31,033	-	23	-	1
5074SM2	Antietam	600	117,390	13,043	-	13	-	-
5074SM3	Quaternary Alluvium	10	-	-	-	13	-	1
6477SM8	St. Paul	-	2,050	400	-	-	-	-

FRANKLIN COUNTY (Continued)

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Walls Bros. Salvage 28830301	None-Shale	-	-	-	-	2	-	-
Weller, Donald L. 4-00708	None	10	-	-	-	-	-	-

FRANKLIN COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Alleman Shale 28880802	-	-	1,020	15	1,020
Chamberlin, Jay E. 6477SM8	-	-	18,320	-	18,320
Community Refuse, Ltd. 28880804	-	-	-	-	-
Crouse Brothers 6476SM8	-	-	-	-	-
Fayetteville Contracting 28860301	-	-	776	3	776
6476SM15	-	-	49,848	139	49,848
2860302	-	-	25,576	66	25,576
Grove Mfg. Co. 6476SM5-01-1	-	-	-	60	350
6476SM5-01-2	-	-	-	-	-
Grove, Edgar C. 28810302	-	-	1,500	-	1,500
Gsell, Fulton L. 6478NC4	-	-	16,000	180	16,000
Hendershot, John L. 4-00540	-	-	-	-	-
Kahl, J., John C. 4-00779	-	-	1,700	30	1,700
Keshner & Son 3-02363	-	-	11,400	110	11,400
Knoll, Eddy H. 182324869	-	-	-	-	-
Kohl, Jr., John C. 4-00779	-	-	1,900	40	1,900
Martin, David H. 6476SM14	-	-	132,000	250	132,000

FRANKLIN COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
May & Co., Inc. 4-01041	-	-	1,811	25	1,811
McCulloh, Robert D. 28840301	-	-	26,148	93	26,148
New Enterprise Stone 5074SM4	-	-	134,471	195	134,417
P & W Excavating, Inc. 1a6477SM1	-	-	-	-	-
28800502	-	-	-	-	-
R. & D. Contractors 6476SM13	-	-	3,300	30	3,300
R. & A. Bender, Inc. 4-00146	-	-	-	18	1,500
Snoke's Excavating & Paving 6476SM17	-	-	-	71	33,906
Starliper, Earl C. 4-00210	-	-	1,150	15	1,150
Sunny Hill Development 6476SM26	-	-	1,360	3	350
Tatnall, Debra R. 28880803-01	-	-	1,896	8	1,896
Timmons, Guy S. 28850804	-	-	200	12	200
Upland Acres Corp. 6476SM26	-	-	900	14	900
Valley Quarries, Inc. 28810304-01	-	-	-	-	266,250
5074SM1	-	-	609,234	214	698,252
5074SM2	-	-	269,461	205	265,393
5074SM3	-	-	239,492	-	-
6477SM8	-	-	-	-	-

FRANKLIN COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Walls Bros. Salvage 28830301	-	-	8,742	-	-
Weller, Donald L. 4-00708	-	-	200,000	20	200,000
COUNTY TOTAL					<u>1,912,663</u>

FULTON COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Hill, Robert A. 29860801	None-Shale	12	-	-	-	-	-	
P & W Excavating, Inc. 6577SM3A	Shale	-	-	-	-	-	-	
Richards, K. G. 4-01084	Shale	-	-	-	-	2	-	

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Hill, Robert A. 29860801	-	-	1,800	10	1,800
P & W Excavating, Inc. 6577SM3A	-	-	-	-	-
Richards, K. G. 4-01084	-	-	3,500	20	3,500
				COUNTY TOTAL	<u>5,300</u>

HUNTINGDON COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
B & M, Inc. 4-00399	Shale	20	-	-	-	1	-	-
Harbison-Walker Refractories 4274SM6	Mercer Clay	-	-	-	-	-	-	-
Hillside Enterprises 4-00956	Shale	15	-	-	-	-	-	-
Marks Bros. 4-00384-1	None-Shale	15	-	-	-	3	-	-
New Enterprise Stone 4274SM7 - McConnellstown	Keyser-Tonolaway Fm.	300	-	-	-	-	-	-
4274SM26 - Orbisonia	Bellefonte Fm.	1,000	22,600	427	13,980	3	-	-
4273SM8 - Hesston	Keyser-Tonolaway Fm.	300	47,625	473	24,400	16	-	-
4275SM14T - Narehood	Bellefonte/Loysburg/ Coburn Ls	150	316,650	4,363	220,575	40	-	5
U. S. Silica Co. 4275SM20A	Oriskany	375	102,250	5,300	95,882	105	-	-
Warner Co. Union Furnace 4275SM19	Cambro-Ordovician Ls.	200	125,883	3,010	-	12	-	-

HUNTINGDON COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
B & M, Inc. 4-00399	-	-	1,000	10	1,000
Harbison-Walker Refractories 4274SM6	-	-	-	-	-
Hillside Enterprises 4-00956	-	-	-	-	-
Marks Bros. 4-00384-1	-	-	1,875	25	1,875
New Enterprise Stone 4274SM7 - McConnellstown	-	-	-	-	-
4274SM26 - Orbisonia	-	-	76,699	175	76,699
4273SM8 - Hesston	-	-	82,855	175	82,885
4275SM14T - Narehood	-	-	1,109,339	260	1,109,339
U. S. Silica Co. 4275SM20A	298,046	-	367,785	240	803,435
Warner Co. Union Furnace 4275SM19	-	-	318,784	143	368,827
	-	-	-	-	-
				COUNTY TOTAL	2,444,060

INDIANA COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ploys	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Coy, Robert 4-00923	Shale	15	-	-	-	-	-	
Griffith, Edward C. 32880801	Shale	9	-	-	-	2	-	
Jennings Hellms Trucking 4-00782	Sandstone & Shale	8	-	-	-	5	-	
4-00782	None-Sandstone	12	-	-	-	10	-	
Kensey, William E. 4-00854	Shale	-	-	-	-	-	-	
R. D. Johns & Sons 4-00793	None-Sandstone	29	-	-	-	2	-	
Siverd Bros. Coal Co. 4-00863	None-Shale	6	-	-	-	-	-	

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Coy, Robert 4-00923	-	-	300	-	300
Griffith, Edward C. 32880801	-	-	1,500	30	1,500
Jennings Hellms Trucking 4-00782	-	-	100	15	100
4-00782	-	-	-	50	600
Kensey, William E. 4-00854	-	-	-	-	-
R. D. Johns & Sons 4-00793	-	-	500	-	500
Siverd Bros. Coal Co. 4-00863	-	-	1,200	6	1,200
COUNTY TOTAL					<u>4,200</u>

JEFFERSON COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Beckman, L. E. 33860821	Shale	15	-	-	-	-	-	-
Fitzsimmons, Glen E. 33870802-01	None	4	-	-	-	-	-	-
Glen Gery Corp. 33800320	L. Clarion Clay	-	-	-	-	-	-	-
Glenn Bros. Quarry 3872SM12	Sandstone	50	-	-	-	5	-	-
Glenn, David P. 3872SM12	None-Sandstone	50	-	-	-	5	-	-
Marie, Sam 3360818	None-Shale	8	-	-	-	1	-	-
Quinn, Russell 38a76SM8	None-Sand/Gravel	18	-	-	-	2	-	-
The Brockway Clay Co. 38a77SM4	None-Clay	9	-	-	-	2	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Beckman, L. E. 33860821	-	-	125	10	125
Fitzsimmons, Glen E. 33870802-01	-	-	1,500	5	1,500
Glen Gery Corp. 33800320	-	-	-	-	-
Glenn Bros. Quarry 3872SM12	-	-	30,952	71	30,952
Glenn, David P. 3872SM12	-	-	34,400	80	55,000
Marie, Sam 3360818	-	-	1,200	100	1,200
Quinn, Russell 38a76SM8	-	-	7,000	126	7,000
The Brockway Clay Co. 38a77SM4	-	-	19,262	175	192,262
COUNTY TOTAL					<u>288,039</u>

JUNIATA COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ploys	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Bureau of Forestry 34860805	None-Shale	74	-	-	-	-	-	
Hasler, James H. 4-00652	Shale, Grey	20	-	-	-	1	-	
Jay Fulkroad & Sons, Inc. 3-01683	None-Shale	-	-	-	-	10	-	
McKnight, Carl M. 34820301	None-Shale	-	-	-	-	-	-	
Seiders Excavating 4-01036	Shale	20	-	-	-	-	-	

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Bureau of Forestry 34860805	-	-	-	-	-
Hasler, James H. 4-00652	-	-	1,215	8	1,215
Jay Fulkroad & Sons, Inc. 3-01683	-	-	330,936	175	330,936
McKnight, Carl M. 34820301	-	-	500	15	500
Seiders Excavating 4-01036	-	-	980	20	980
COUNTY TOTAL					<u>333,631</u>

LACKAWANNA COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Name of Non Coal or Geological Formation	Thickness	Pounds of Explosives Used			No. of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Davallus Enterprises 35842304-01	Sand & Gravel	12	-	-	-	-	-	-
Grab, Joseph M. SM-380-1	None-Sand/Gravel	8	-	-	-	-	-	-
Lackawanna Cinder & Silt Co. 3-01722	None-Red Cinders	10	-	-	-	-	-	-
Nagy, John K. 4-01033	Red Shale	17	-	-	-	5	-	-
Parry, Robert N. 860802-01	Cinders	20	-	-	-	5	-	-
Ransom Quarry Co. Inc. 5377SM1	None-Rock?	30	-	-	-	1	-	-
Rowker Coal Co. 5377SM5	None-Cinders	25	-	-	-	2	-	-
5377SM5	Cinders	0	-	-	-	2	-	-
Scoblick, V. James 3579702	None-Sandstone	12	450	200	200	2	-	-
Snyder, James L. 4-01256	Flagstone	11	-	-	-	-	-	-
Snyder, Melvern C. 4-00243	None	-	-	-	-	1	-	-
Wargo, John 4-00765	None-Flagstone/Sands	-	-	-	-	-	-	-
Williams Garden Center 4-00908	None-Soil/Gravel	-	-	-	-	2	-	-
Wyoming Sand & Stone Co. 35840602	Sandstone	30	26,000	25,049	-	8	-	-

LACAKAWANNA COUNTY

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Davailus Enterprises 35842304-01	-	-	1,400	40	1,400
Grab, Joseph M. SM-380-1	-	-	1,339	10	1,339
Lackawanna Cinder & Silt Co. 3-01722	-	-	11,430	186	11,430
Nagy, John K. 4-01033	-	-	1,600	45	1,600
Parry, Robert N. 860802-01	-	-	-	-	-
Ransom Quarry Co. Inc. 5377SM1	-	-	700	7	700
Rowker Coal Co. 5377SM5	-	-	16,000	120	16,000
5377SM5	-	-	16,100	120	16,100
Scoblick, V. James 3579702	-	-	2,000	60	2,000
Snyder, James L. 4-01256	-	-	40	12	60
Snyder, Melvern C. 4-00243	-	-	-	-	-
Wargo, John 4-00765	-	-	-	180	1,000
Williams Garden Center 4-00908	-	-	-	-	-
Wyoming Sand & Stone Co. 35840602	-	-	119,489	175	119,489
COUNTY TOTAL					171,118