

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)			
Afton Trucking, Inc. 25870309	Gravel	12	-	-	-	1	-	-
Bedrock Sand & Gravel 2579302	Sand/Gravel	30	-	-	-	12	-	-
Beute & Bliley, Inc. 25800303T	Sand & Gravel	17	-	-	-	3	-	-
Burdick, Ronald F. 25870805	Gravel	25	-	-	-	1	-	-
Burdick, Vance E. 4-00535	Gravel Bank	20	-	-	-	-	-	-
Cass, Clifford A. 25880304	Gravel	20	-	-	-	-	-	-
Central Sand & Gravel 3-01798	Sand/Gravel-Bank	-	-	-	-	2	-	-
Crosscut, Ronald L. 4876SML18RE	Bank Gravel	8	-	-	-	1	-	-
Erie Aggregates, Inc. 3173SM11	Glacial Sand & Gravel	30	-	-	-	6	-	-
Fiesler, Sally 4-01098	Gravel	-	-	-	-	-	-	-
Franklin Township MDP 25860301	Gravel	12	-	-	-	1	-	-
Ganzer Sand & Gravel, Inc. 3076 SM2	Gravel	25	-	-	-	3	-	-
Glover, James H. 25870302	Aggregate	12-14	-	-	-	-	-	-
Grubbs, Elwood 3174SM2	Sand & Gravel	20	-	-	-	1	-	-
Hanas, John W. MDP 25880305	Gravel	-	-	-	-	-	-	-
Hoover Sand & Gravel Co., Inc. 3173SM6	Sand & Gravel	-	-	-	-	5	-	2
25800304	Sand & Gravel	15	-	-	-	-	-	-
25830313	Sand & Gravel	40	-	-	-	3	-	-
25840302	Sand & Gravel	20	-	-	-	2	-	-
25830314	Sand & Gravel	25	-	-	-	2	-	-

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)			
J. Kuholski & Son 4-00933	Gravel	8	-	-	-	1	-	-
Klie, David 25820308	Bank Gravel	15	-	-	-	-	-	-
Kress, Gilbert 25870804	Gravel	25	-	-	-	1	-	-
Kuhl, Walter 2579301A-02-1	Gravel	100	-	-	-	1	-	-
Maybro Asphalt Co. 4876 S-M-6	Sand & Gravel	25	-	-	-	3	-	-
3076 S-M-11	Sand & Gravel	25	-	-	-	3	-	-
McCormick Materials 3-01766	Gravel	-	-	-	-	-	-	-
Mckean Sand & Gravel, Inc. 25820314	Sand/Gravel	-	-	-	-	-	-	-
25880303	Sand/Gravel	-	-	-	-	2	-	-
McLaughlin Peat & Gravel 3-02626	Gravel	-	-	-	-	-	-	-
Munsee, Gary 25880302	Gravel	50	-	-	-	1	-	-
Nicholson, Adam W. 400251	Bank Gravel	15	-	-	-	1	-	-
Northwest Gravel Co. 4876SM8	Sand/Gravel	20	-	-	-	5	-	-
2082035	Sand/Gravel	8	-	-	-	-	-	-
Orton, Edward 2584308	Sand & Gravel	21	-	-	-	2	-	-
Over Lake, Inc. 25830310	Bank Gravel	15	-	-	-	1	-	-
Parkov, Milan 25860804	Gravel	-	-	-	-	-	-	-
Pfadt, John 25820302	Gravel	40	-	-	-	1	-	-
Raymond D. Showman & Sons, Inc. 25800305	Sand & Gravel	15	-	-	-	3	-	-
25850311	Sand & Gravel	15	-	-	-	-	-	-

ERIE COUNTY (Continued)

Operators and Mines/ 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)			
Revak, Stuart 4-01220	Gravel	-	-	-	-	-	-	
Robinson, Paul R. 25830302	Bank Gravel	20	-	-	-	3	-	
Royl, Colvin 4-01133	-	-	-	-	-	-	-	
Sibleyville Land & Gravel Co. 25800306-01-1	Gravel & Fill	-	-	-	-	-	-	
Strand, James A.	Bank Gravel	10	-	-	-	1	-	
Union City Sand & Gravel, Inc. 4878SM1	Gravel	40	-	-	-	4	-	
3075SM15	Gravel	10	-	-	-	4	-	
Wroblewski Sand & Gravel Inc. 25890301	-	-	-	-	-	-	-	
Wurst, Jr., William 25860307(A)	Run of Bank	15	-	-	-	3	-	

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Afton Trucking, Inc. 25870309	-	-	25,114	65	25,114
Bedrock Sand & Gravel 2579302	-	-	140,000	200	140,000
Beute & Billey, Inc. 25800303T	-	-	10,165	118	10,165
Burdick, Ronald F. 25870805	-	-	600	4	600
Burdick, Vance E. 4-00535	-	-	-	-	-
Cass, Clifford A. 25880304	-	-	17,722	95	17,722
Central Sand & Gravel 3-01798	-	-	-	-	-
Crosscut, Ronald L. 48765ML18RE	-	-	21,000	25	21,000
Erie Aggregate, Inc. 3173SM11	-	-	120,000	150	120,000
Fiesler, Sally 4-01098	-	-	-	4	110
Franklin Township MDP 25860301	-	-	28,231	120	28,231
Ganzer Sand & Gravel, Inc. 3076 SM2	-	-	30,300	162	30,300
Glover, James H. 25870302	-	-	9,847	44	9,847
Grubbs, Elwood 3174SM2	-	-	9,604	192	9,604
Hanas, John W. MDP 25880305	-	-	-	60	3,650
Hoover Sand & Gravel Co., Inc. 3173SM6	-	-	-	-	-
25800304	-	-	-	-	-
25830313	-	-	52,951	-	52,951
25840302	-	-	152,117	-	152,117
25830314	-	-	31,447	-	31,447



Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
J. Kuholski & Son 4-00933	-	-	1,500	18	1,500
Klie, David 25820308	-	-	2,394	20	2,394
Kress, Gilbert 25870804	-	-	1,700	90	1,700
Kuhl, Walter 2579301A-02-1	-	-	32,580	184	32,580
Maybro Asphalt Co. 4876 S-M-6	-	-	15,594	90	15,594
3076 S-M-11	-	-	55,042	125	55,042
McCormick Materials 3-01766	-	-	-	-	-
McKean Sand & Gravel, Inc. 25820314	-	-	-	-	-
25880303	-	-	38,000	97	38,000
McLaughlin Peat & Gravel 3-02626	-	-	215	120	215
Munsee, Gary 25880302	-	-	29,229	120	29,229
Nicholson, Adam W. 400251	-	-	-	-	1,243
Northwest Gravel Co. 4876SM8	-	-	45,000	240	65,000
2082035	-	-	1,000	3	-
Orton, Edward 2584308	-	-	-	240	28,800
Over Lake, Inc. 25830301	-	-	11,800	72	11,800
Parkov, Milan 25860804	-	-	-	-	450
Pfadt, John 25820302	-	-	2,510	12	2,510
Raymond D. Showman & Sons, Inc. 25800305	-	-	367	2	367
25850311	-	-	1,755	16	1,755

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Revak, Stuart 4-01220	-	-	-	-	-
Robinson, Paul R. 25830302	-	-	1,800	-	1,800
Royle, Colvin 4-01133	-	-	-	-	173,000
Sibleyville Land & Gravel Co. 25800306-01-1	-	-	5,525	110	5,525
Strand, James A.	-	-	-	2	200
Union City Sand & Gravel, Inc. 4878SM1	-	-	-	51	69,463
3075SM15	-	-	-	48	74,810
Wroblewski Sand & Gravel Inc. 25890301	-	-	33,015	147	33,015
Wurst, Jr., William 25860307(A)	-	-	70,280	194	70,280
<b>COUNTY TOTAL</b>					<b>1,369,130</b>

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	-	-
Chess Coal Company 26783037 26870105 26870102	Redstone	3'	119,050	400	-	2	-	-
	Sewickley-Redstone	48"	14,988	150	-	2	-	-
	Redstone	40"	17,840	200	-	2	-	-
Commercial Stone Co., Inc. 3372SM25	Limestone	65	1,226,237	-	Slurry 564,647	23	-	2
	Sandstone	30	-	-	Cast Primers 3,321	-	-	-
Davis, Louis W. 4-01072	Sand	-	-	-	-	-	-	-
Malinzak, Dale L. 26862301	Ashes	5	-	-	-	1	-	-
Marsolino Coolspring Quarry, Inc. 3374 Sm S8-01-0(T)	Loyalhanna	55	271,810	29,000	-	23	-	1
Solomon and Davis, Inc. 26862302	Sand	5	-	-	-	1	-	-

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	-	-	4,200	200	4,200
Chess Coal Company 26783037	-	5646	-	179	5646
26870105	-	1365	-	184	1365
26870102	-	3446	-	94	3446
Commercial Stone Co., Inc. 3372SM25	-	-	-	299	-
					55,470
					825,205
					-
Davis, Louis W. 4-01072	-	-	-	-	-
Malinzak, Dale L. 26862301	-	-	1,800	40	1,800
Marsolino Coolspring Quarry, Inc. 3374SMS8-01-0(T)	-	-	577,365	303	577,365
Solomon and Davis, Inc. 26862302	-	-	-	-	-
<b>COUNTY TOTAL</b>					<b>1,474,497</b>

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)			
A.A. Ames & Co. 27840601-01-0	Sandstone	-	-	-	-	3	-	-
Cochran, Nelson 27890801	Sandstone	6	-	-	-	1	-	-
Kuntz, Jack J. 46725MBRE	Sand & Gravel	-	-	-	-	2	-	-
Tionesta Sand & Gravel, Inc. 27820301	Sand/Gravel	50	-	-	-	1	-	-
4878NC4	Sand/Gravel	50	-	-	-	-	-	-
4673SM4	Sand/Gravel	50	-	-	-	-	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
A.A. Ames & Co. 27840601-01-0	-	-	8,148	-	8,148
Cochran, Nelson 27890801	-	-	2,000	180	2,000
Kuntz, Jack J. 46725MBRE	-	-	4,300	18	4,300
Tionesta Sand & Gravel, Inc. 27820301	-	-	-	20	-
4878NC4	-	-	-	-	-
4673SM4	-	-	-	-	-
<b>COUNTY TOTAL</b>					14,448

## 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 Pit 28880802	Shale	10	-	-	-	1	-	-
Chamberlain, Jay E. 6477SM8	Shale	-	-	-	-	1	-	-
Community Refuse, Limited 28880804	Shale	10	-	-	-	-	-	-
David H. Martin Excavating, Inc. 1A6476SM14	Shale	10	-	-	-	26	-	-
Fayetteville Contractors, Inc. 6476SM15	Shale	15	-	-	-	1	-	-
28860301	Shale	15	-	-	-	1	-	-
28860302	Shale	10	-	-	-	2	-	-
Frisch, Furnley H.	Sand	30	-	-	-	2	-	-
Grove, Edgar C. 28810302	Shale	-	-	-	-	-	-	-
Grove Mfg. Co. 6476-SM-5-01-1	Shale	5	-	-	-	3	-	-
6476-SM-5-01-2	Shale	-	-	-	-	3	-	-
Haines Construction 28860801	Shale	15	-	-	-	1	-	-
Kahl, Jr., John C. 4-00779	Slate	8	-	-	-	2	-	-
Keshner C. & Son 302-363	Fill/Shale	30	-	-	-	7	-	-
May & Co., Inc. 4-01041	Shale	8	-	-	-	1	-	-
McCulloh, Robert D. 28840301	Shale	18	-	-	-	6	-	-
New Enterprise Stone & Lime Co., Inc. 5074SM4	Chambersburg Fm.	300	8,950	178	11,670	5	-	-
P & W Excavating, Inc. 1A6477SM1	Shale	-	-	-	-	-	-	-
28800502	Shale	-	-	-	-	-	-	-
R. & A. Bender, Inc. 4-00146	Slate	35	-	-	-	2	-	-

## 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)			
R. & D. Contractors 302469-6476	Shale Pit	6	-	-	-	8	-	-
Snoke's Excavating & Paving 6476SM17	Shale	8	-	-	-	4	-	-
Starliper, Earl C. SM 210-2	Shell	9	-	-	-	-	-	-
Tatnall, Debra R. 28880803-01-0	Shale	15	-	-	-	3	-	-
Upland Acres Corporation 6476SM26	Slate	200	-	-	-	1	-	-
Valley Quarries, Inc. 50074 SM1	Stonehinge	800	190,875	21,208	-	24	-	1
50074 SM2	Antietam	600	102,140	11,348	-	13	-	-
50074 SM3	Quaternary Alluv	10	-	-	-	16	-	-
28810304-01-0	Quaternary Alluv	-	-	-	-	-	-	-
28890301-01-0	Quaternary Alluv	100	-	-	-	-	-	-
6477-SMB	St. Paul	-	-	400	-	-	-	-
Walls Bros. Salvage 28830301	Shale	15	-	-	-	4	-	-
Weller, Donald L. 4-00708	Shale	10	-	-	-	1	-	-

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 Pit 28880802	-	-	1,750	15	1,750
Chamberlin, Jay E. 6477SM8	-	-	2,381	48	2,381
Community Refuse, Ltd. 28880804	-	-	-	-	-
David H. Martin Excavating, Inc. 1A6476SM14	-	-	155,000	250	155,000
Fayetteville Contractors, Inc. 6476SM15	-	-	2,970	25	2,970
28860301	-	-	3,278	9	3,278
28860302	-	-	99,904	130	99,904
Frisch, Furnley H.	-	-	-	100	20,000
Grove, Edgar C. 28810302	-	-	-	-	-
Grove Mfg. Co. 6476-SM-5-01-1	-	-	-	70	370
6476-SM-5-01-2	-	-	-	-	-
Haines Construction 28860801	-	-	-	1	300
Kahl, Jr., John C. 4-00779	-	-	-	26	1,600
Keshner C. & Son 302-363	-	-	-	160	10,750
May & Co., Inc. 4-01041	-	-	1,490	20	1,490
McCulloh, Robert D. 28840301	-	-	17,768	69	17,768
New Enterprise Stone & Lime Co., Inc. 507NSM4	-	-	71,158	195	71,158
P & W Excavating, Inc. 1A6477SM1	-	-	-	-	-
28800502	-	-	-	-	-
R. & A. Bender, Inc. 4-00146	-	-	-	18	1,500



Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
R. & D. Contractors 302469-6476	-	-	6,600	65	6,600
Snoke's Excavating & Paving, Inc. 6478SM17	-	-	-	43	5,762
Starliper, Earl C. SM 210-2	-	-	-	13	90
Tatnall, Debra R. 2888003-01-0	-	-	1,946	14	1,946
Upland Acres Corporation 6476SM26	-	-	38	2	380
Valley Quarries, Inc. 50074 SM1	-	-	667,000	198	509,000
50074 SM2	-	-	216,000	206	244,000
50074 SM3	-	-	-	-	-
28810304-01-0	-	-	-	46	20,000
28890301-01-0	-	-	219,000	126	141,000
6477 SM8	-	-	2,000	10	2,000
Walls Bros. Salvage 28830301	-	-	-	60	6,188
Weller, Donald L. 4-00708	-	-	2,000	30	2,000
<b>COUNTY TOTAL</b>					<u>1,329,185</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	Shale	10	-	-	-	-	-	
H.B. Mellott Estate, Inc. 4273 SM1	Limestone	150	296,401	750	-	8	-	
4273 SM2	Sandstone	30	-	-	-	-	-	
6577 SM2	Limestone	60	-	-	-	-	-	
P & W Excavating, Inc. 6577SM3A	Shale	-	-	-	-	4	-	

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	-	-	1,750	30	1,750
H.B. Mellott Estate, Inc. 4273 SM1	-	-	425,563	260	504,440
4273 SM2	-	-	-	-	-
6577 SM2	-	-	-	-	-
P & W Excavating, Inc. 6577SM3A	-	-	250	4	250
<b>COUNTY TOTAL</b>					506,440

GREENE 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)			
Chess Coal Company 3270BSM12 30773006	Refuse Sewickley	36-48	13,150	50	-	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		
Chess Coal Company 3270BSM12 30773006	-	1452	-	106	1,452
COUNTY TOTAL					1,452

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	-	-	-	-	1	-	-
Brown, Paul W. 31890802	Shale	24	-	-	-	-	-	-
DER-Bureau of Forestry 31860801	Shale	-	-	-	-	-	-	-
31860802	Shale	-	-	-	-	-	-	-
DER-Bureau of Forestry 31860803	Shale	46	-	-	-	-	-	-
Hillside Enterprises 4-00956	Shale	15	-	-	-	2	-	-
Kern III, Edward M. 4-01053	Shale	-	-	-	-	-	-	-
Marks Bros. 4-00384	Shale	15	-	-	-	4	-	-
New Enterprise Stone 4274SM7 - McConnellstown	Keyser-Tonol Fm.	300	21,150	231	8,680	6	-	-
4274SM26 - Orbisonia	Bellefonte Fm.	1,000	35,975	278	14,900	3	-	-
4273SM8 - Hesston	Keyser-Tonol Fm.	300	-	-	-	-	-	-
4275SM14(T) - Narehood	Bellefonte Fm.	150	132,325	6,205	64,023	28	-	2
4275SM19 - Union Furnace	Loysburg Coburn Ls	-	-	-	-	-	-	-
	Bellefonte Fm.	200	8,500	1,450	129,020	12	-	-
	Loysburg Coburn Ls	-	-	-	-	-	-	-
Runk, Ralph W. 4-00408	Shale	-	-	-	-	-	-	-
U. S. Silica Co. 4275SM20(A)	Oriskany	325-375	56,550	4,100	15,070	81	-	1

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- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Burrell Township Supervisors 4-00483	Slag	30	-	-	-	2	-	-
Coal Processing Services, Inc. 32823063	Sandstone	50	-	-	-	-	-	-
Coy, Robert 4-00923	Slate	10	-	-	-	-	-	-
Gibbons, Charles 32890802-01	Bank Shale	4	-	-	-	-	-	-
Griffith, Edward C. 4-01219	Sandrock	8	-	-	-	4	-	-
Siverd Bros. Coal Co. 4-00813	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		
Burrell Township Supervisors 4-00483	-	-	-	10	685
Coal Processing Services, Inc. 32823063	-	-	-	-	-
Coy, Robert 4-00923	-	-	500	8	500
Gibbons, Charles 32890802-01	-	-	100	-	100
Griffith, Edward C. 4-01219	-	-	-	20	2,000
Siverd Bros. Coal Co. 4-00813	-	-	-	-	800
<b>COUNTY TOTAL</b>					<u><u>4,085</u></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	12	-	-	-	1	-	-
E. M. Brown, Inc. 33860320	-	-	-	-	-	-	-	-
Fitzsimmons, Glen E. 4-01094	Sandstone	5	-	-	-	-	-	-
Glenn Bros. Quarry 3872SH12	Sandstone	40	-	-	-	5	-	-
Marie, Sam J. 4-01083	Shale	10	-	-	-	-	-	-
Olson, Robert E. 401339-33890808-01-0	Sandrock	10	-	-	-	1	-	-
Ross, James W. 401349-33890811-01-0	Sandstone	10	-	-	-	5	-	-
401349-33890812-01-0	Shale	10	-	-	-	-	-	-
The Brockway Clay Co. 76B-1(C)A2 38A77SH4	Clay -	8-10 -	- -	- -	- -	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	-	-	-	60	1200
E. M. Brown, Inc. 33860320	-	-	-	-	-
Fitzsimmons, Glen E. 4-01094	-	-	-	5	1,000
Glenn Bros. Quarry 3872SM12	-	-	33,101	98	33,101
Marie, Sam J. 4-01083	-	-	1,000	100	1,000
Olson, Robert E. 401339-33890808-01-0	-	-	1,600	6	1,600
Ross, James W. 401349-33890811-01-0	-	-	500	15	500
401349-33890812-01-0	-	-	-	-	-
The Brockway Clay Co. 768-1(C)A2	-	-	8,182	182	8,182
38A77SM4	-	-	-	-	-
<b>COUNTY TOTAL</b>					<u><u>46,583</u></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 Es- ploys	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Bureau of Forestry 34860805	Shale	74	-	-	-	-	-	
Jay Fulkroad & Sons, Inc. 3-01683	Stone	3	-	-	-	10	-	
Hosler, James H. 400652	Shale, Grey	-	-	-	-	1	-	
McKnight, Carl M. 34820301	Shale	-	-	-	-	2	-	
Zeiders, Melvin L. 4-01036	Shale	10	-	-	-	1	-	

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	-	-	15	2	15
Jay Fulkroad & Sons, Inc. 3-01683	-	-	140,158	175	140,158
Hosler, James H. 400652	-	-	1,950	31	1,950
McKnight, Carl M. 34820301	-	-	500	18	500
Zeiders, Melvin L. 4-01036	-	-	40	6	400
<b>COUNTY TOTAL</b>					143,023



## 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- ploys	Fatal Acci- dents	Non- Fatal Acci- dents
			Ammonium Nitrate	Dynamite	Other Permis- sible (Name)			
Andrews, Olive 4-01144	-	-	-	-	-	-	-	-
Davallus Enterprises HP400437-35842304010	Gravel	8	-	-	-	1	-	-
Eagle Lake Corp. 302227-35820305-01-0	Sand	25	-	-	-	4	-	-
Godinos W. Mtn. Stone Quarry 53765M29	Sandstone	-	-	439	-	2	-	-
Lackawanna Cinder & Silt Co. 3-01722	Red Cinders	10	-	-	-	1	-	-
Mroccka, Adam 35830302-01	Shale	20	-	-	-	-	-	-
Mroccka, Stanley 4-00903	Shale, Red	4-6	-	-	-	-	-	-
Nagy, John K. 4-01033	Shale, Red	15-18	-	-	-	1	-	-
Parry, Robert N. 35-860802-01-0	Cinders	20	-	-	-	-	-	-
Ransom Quarry Co. Inc. 35890301	Sand and Gravel	-	-	-	-	-	-	-
Rowker Coal Co. 5377SM5T	-	25	-	-	-	3	-	-
Scoblick, V. James 3130021	Sandstone	12	800	300	200	-	-	-
Snyder, James L. 4-01256	Flagstone	25	-	-	-	-	-	-
United Sand & Gravel, Inc. 35860301-01-1	Burrow Mat. Sand & Gravel	25-30	-	-	-	3	-	-
Wargo, John 4-00765	Flagstone/Sandstone	12	-	-	-	-	-	-
West Mtn. Sand, Stone & Aggr.Ltd. 35850801	Sandstone	18	-	1,460	-	4	-	-
Williams Garden Center 4-00908	Soil/Gravel	-	-	-	-	2	-	-
Zaleski, Ronald 400674	Shale, Red	30-40	-	-	-	1	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Andrews, Olive 4-01144	-	-	422	19	422
Davallus Enterprises MP400437-35842304010	-	-	-	30	1,200
Eagle Lake Corp. 302227-35820305-01-0	-	-	-	20	1,250
Godinos W. Mtn. Stone Quarry 53765M29	-	-	-	290	5,121
Lackawanna Cinder & Silt Co. 3-01722	-	-	7,650	182	7,650
Mrocza, Adam 35830302-01	-	-	-	-	-
Mrocza, Stanley 4-00903	-	-	-	-	250
Nagy, John K. 4-01033	-	-	1,800	30	1,800
Parry, Robert N. 35-860802-01-0	-	-	-	-	-
Ransom Quarry Co. Inc. 35890301	-	-	83,424	90	83,424
5377SM1	-	-	1,477	10	1,477
Rowker Coal Co. 5377SM5T	-	-	19,900	120	19,900
Scoblick, V. James 3130021	-	-	2,000	42	2,000
Snyder, James L. 4-01256	-	-	40	5	60
United Sand & Gravel, Inc. 35860301-01-1	-	-	97,000	90	97,000
Wargo, John 4-00765	-	-	600	224	600
West Mtn. Sand, Stone & Aggregates, Ltd. 35850801	-	-	1,728	83	1,728
Williams Garden Center 4-00908	-	-	1,700	120	1,700
Zaleski, Ronald 400674	-	-	500	40	500
<b>COUNTY TOTAL</b>					<u>226,082</u>