

## LANCASTER 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. G. Kurtz & Sons, Inc. 8275SM5	Epler	165	267,236	2,913	202,600	25	-	6
Binkley & Ober, Inc. 1A8274SM6	Limestone (Conococheague)	300	242,152	103,780	-	21	-	2
Brookmyer, Ben R. 36850301	Talc-Serpentine	-	-	-	-	-	-	-
Compass Quarries, Inc. 6277SM1-01-3	Dolomite	300	171,600	3,400	183,400	22	-	5
D. M. Stoltzfus & Son, Inc. 82745M1	Limestone	300	109,345	56,424	7,156	14	-	-
82745M5	Olivine	300	226,394	116,589	7,130	18	-	1
Eastern Industries, Inc. 8274SM2	Limestone	1,000	139,000	-	149,000	15	-	3
Hamilton Excavating & Development, Inc. 36850801	Clay	20	-	-	-	2	-	-
J. Miller Eshleman & Son 300730-8275SM1	Limestone	100	107,320	1,538	46,440	8	-	1
Martin Limestone, Inc. 6276 SM2	Limestone	150	197,302	7,070	298,103	24	-	1
6276 SM1	Limestone	150	55,640	-	23,246	8	-	1
8275 SM2	Limestone	150	11,930	14,336	425,147	16	-	3
Narvon Products Corp. 82755M3-(A1)(C)	Chickies Quartzite	2001	-	-	-	14	-	-
Rohrer's Quarry, Inc. 8274SM4	Limestone	110	105,115	161,640	4,308	13	-	1
Silver-Ford, Inc. 302669-36880301-01-0	Limestone	40	-	-	-	3	-	-
Silver Hill Quarry 36820301-01-0	Argillite	50	130,550	1,519	162,225	4	-	-
Union Quarries, Inc. 62763SM6	Limestone	100	10,911	66,955	-	14	-	-
W. L. Bodey Company, Inc. 302538-6276SM5-01-0	Limestone	45	7,750	559	32,140	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		
A.G. Kurtz & Sons, Inc. 8275SM5	-	-	922,000	213	950,000
Binkley & Ober, Inc. 1A8274SM6	-	-	881,795	240	868,738
Brookmyer, Ben R. 36850301	-	-	700	12	1300
Compass Quarries, Inc. 6277SM1-01-3	-	-	-	250	750,000
D. M. Stoltzfus & Son, Inc. 82745M1	-	-	493,176	187	388,992
	-	-	765,794	252	690,404
Eastern Industries, Inc. 8274SM2	-	-	555,000	185	555,000
Hamilton Excavating & Development, Inc. 36850801	-	-	6,163	15	6,163
J. Miller Eshleman & Son 300730-8275SM1	-	-	288,145	251	288,145
Martin Limestone, Inc. 6276 SM2	-	-	1,154,038	250	1,107,402
	-	-	261,776	250	263,618
	-	-	572,584	250	696,066
Narvon Products, Inc. B2755M3(A1)(C)	-	-	18,889	240	18,542
Rohrer's Quarry, Inc. 8274SM4	-	-	587,664	217	720,748
Silver-Ford, Inc. 302669-36880301-01-0	-	-	-	45	-
Silver Hill Quarry 36820301-01-0	-	-	477,700	200	490,500
Union Quarries, Inc. 62763SM6	-	-	186,035	158	150,503
W. L. Bodey Company, Inc. 302538-6276SM5-01-0	-	-	115,000	238	115,000
<b>COUNTY TOTAL</b>					<b><u>8,061,121</u></b>

## LAWRENCE 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)			
Ambrosia Coal & Construction 3176SM3	Gravel	20	-	-	-	2	-	-
B. & P. Slag 37820207	Slag	14	-	-	-	1	-	-
Blum Coal Co. 37870301	Limestone	22	-	-	-	5	-	-
Book, Harold E. 400714-37820306-01-0	Gravel	40	-	-	-	1	-	-
Buchowski, James L. 4-00860	Gravel	10	-	-	-	1	-	-
C & C Vanport Limestone 37840409	Limestone	20	504,712	8,287	10,242	13	-	2
3175SM11	-	-	-	-	-	11	-	4
C & C Vanport Sand & Gravel 31765M6	Sand & Gravel	50	-	-	-	8	-	-
Eastbrook Sand & Supply 3175SM5A	Sand & Gravel	18	-	-	-	5	-	-
G. L. McKnight, Inc. 37860305	Gravel	35	-	-	-	3	-	-
Gamble, Edward A. 37850811	Gravel	-	-	-	-	-	-	-
H. W. Cooper & Sons, Inc. 3175SM13	Sand & Gravel	20	-	-	-	6	-	-
Martin, C. Clair 37880802	Sand & Gravel	-	-	-	-	2	-	-
Medusa Cement Co. MDP-3779103	Limestone	2	1,495,100	239,000	21,400	193	-	36
McQuiston Coal Co. 3174-SM-14	Limestone	22	88,450	1,766	21,350	10	-	1
Northern Industries, Inc. 3175SM3(A)	Sand & Gravel	50	-	-	-	6	-	-
R. W. Elliott & Sons, Inc. 37870303	Slag	25	-	-	-	3	-	-
Rose Point Sand & Gravel 3173SM10(A2)-01-2Re	Sand & Gravel	18	-	-	-	5	-	-
U.S. Cement Co. 3176SM11	-	-	-	-	-	-	-	-
Wilds, Robert L. 37890805	-	-	-	-	-	-	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Ambrosia Coal & Construction 3176SM3	-	-	2,285	90	2,285
B. & P. Slag 37820207	-	-	3996	64	3996
Blum Coal Co. 37870301	-	-	-	-	-
Book, Harold E. 400714-37820306-01-0	-	-	2,200	-	2,200
Buchowski, James L. 4-00860	-	-	1,450	-	1,450
C & C Vanport Limestone 37840409	-	-	-	249	330,000
3175SM11	-	-	298,754	249	-
C & C Vanport Sand & Gravel 31765M6	-	-	95,581	220	130,000
Eastbrook Sand & Supply 3175SM5A	-	-	-	-	-
G. L. McKnight, Inc. 37860305	-	-	143,567	308	143,567
Gamble, Edward A. 37850811	-	-	-	10	475
H. W. Cooper & Sons, Inc. 3175SM13	-	-	104,300	146	104,300
Martin, C. Clair 37880802	-	-	-	10	1,900
Medusa Cement Co. MDP-3779103	-	-	-	342	946,350
McQuiston Coal Co. 3174-SM-14	-	-	124,498	225	140,000
Northern Industries, Inc. 3175SM3(A)	-	-	92,545	172	92,545
R. W. Elliott & Sons, Inc. 37870303	-	-	10,000	90	10,000
Rose Point Sand & Gravel 3173SM10(A2)-01-2Re	-	-	-	-	-
U.S. Cement Co. 3176SM11	-	-	-	-	-
Wilds, Robert L. 37890805	-	-	700	150	700
<b>COUNTY TOTAL</b>					<u>1,909,768</u>

LEBANON 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)			
Eastern Land & Resources Corp. 7676SM2	Limestone	400	-	-	-	4	-	-
Esh, Stephen S. SM 420-1	Shale	10	-	-	-	14	-	-
H. J. Smith & Son, Inc. 7675 SM1	Limestone	-	76,850	105,894	-	7	-	-
Lebanon Rock, Inc. 7674SM1	Limestone	-	79,850	2,833	155,695	15	-	-
Millard Lime & Stone 38870301	Limestone	400	1,013,273	5,400	-	165	-	23
38870302	Limestone	-	-	-	-	-	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Eastern Land & Resources Corp. 7676SM2	-	-	37,000	30	37,000
Esh, Stephen S. SM 420-1	-	-	-	15	900
H. J. Smith & Son, Inc. 7675 SM1	-	-	449,666	254	450,758
Lebanon Rock, Inc. 7674SM1	45,004	-	247,419	220	292,423
Millard Lime & Stone 38870301	717,907	-	1,101,693	251	1,940,279
38870302	-	-	-	-	-
<b>COUNTY TOTAL</b>					<u>2,721,360</u>

## LEHIGH 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.B.E. Materials 39870302-01-0	Limestone	50	230,575	5,731	171,735	4	-	-
Coplay Aggregates, Inc. 39880302-01-0	Limestone	48	79,770	589	29,850	8	-	1
Coplay Cement Co. 7475SM10A1	Limestone	150	36,780	5272.5	270,735	6	-	-
7876SM1	Limestone	140	-	-	-	36	-	-
Eastern Industries, Inc. 7874SM2	Limestone	200	195,000	-	141,000	20	-	1
7874SM3	Limestone	200	296,000	-	361,000	26	-	1
39880301	Limestone	200	61,000	-	42,000	4	-	2
Lafarge Corporation 7475 SM 2	Cement Rock	290	-	-	-	-	-	-
Penn Big Bed Slate Co. 7873SMIC	Slate	12-20	-	-	-	28	-	1
					Torex 250 Black Powder 20 Caps 1500 Fuse			
The Celotex Corp. 7874 SM1 (T)	Iron Slag	80	-	-	-	-	-	-

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.B.E. Materials 39870302-01-0	-	-	482,100	200	600,000
Coplay Aggregates, Inc. 39880302-01-0	-	-	224,954	234	224,954
Coplay Cement Co. 7475SM10A1	-	-	-	230	532,410
7876SM1	-	-	-	1	600
Eastern Industries, Inc. 7874SM2	-	-	755,000	180	755,000
7874SM3	-	-	1,450,000	180	1,450,000
39880301	-	-	235,000	180	235,000
Lafarge Corporation 7475 SM 2	-	-	-	1	500
Penn Big Bed Slate Co. 7873SMIC	-	-	2,373	276	2,373
The Celotex Corp. 7874 SM1 (T)	-	-	23,847	210	23,847
<b>COUNTY TOTAL</b>					<b>3,824,684</b>

LUZERNE 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)			
Addy Asphalt Company 6473SM3	Sandstone	25	236,450	34,800	-	11	-	-
Airport Sand & Gravel 40830301	Glacial	20	-	-	-	21	-	-
40850302	River	10-15	-	-	-	21	-	-
5376SM25	Glacial	20	-	-	-	21	-	-
Andress Jr., Ward 4-01269	Shale, Brown	8	-	-	-	2	-	-
Bonner, Neal J. 302708-40880301-01-0	Shale	-	-	-	-	1	-	-
401155-40870809-01-0	Shale	-	-	-	-	1	-	-
Bonner, Susan 401265-40880810-01-0	Shale	-	-	-	-	1	-	-
Bonomo Trucking 53775M11	Dirt-Soil	3	-	-	-	2	-	-
Boulder Run Corporation 40860804	Sand	25	-	-	-	4	-	-
Brdaric Excavating, Inc. 40842302-01	Shale/Clay	10	-	-	-	2	-	-
Cremard Brothers 40820305-01-2	Topsoil	8	-	-	-	2	-	-
Dallas Nursery 4-00443	Topsoil	12	-	-	-	1	-	-
Duryea Realty Co., Inc. 5376SM1-01-2	Chenango	50	-	-	-	2	-	-
Edwards, Barry 4-00118	Sand and Gravel	-	-	-	-	1	-	-
Elston, Gene 401283-40880812-01-0	Gravel	15	-	-	-	-	-	-
Gigliello, John 5378 SM3 (T)	Topsoil	20	-	-	-	3	-	-
Giordano, Samuel 4-00034	Topsoil	2-1/2	-	-	-	1	-	-
Guszak, Henry 4-01079	Shale	6	-	-	-	-	-	-
Hanover Nursery 4-00035	Top Soil	3	-	-	-	1	-	-
Hess, J. A. & W. A., Inc. 5776 SM8	Sand/Gravel	-	-	-	-	6	-	-



LUZERNE 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)			
Hoover, Donald 4-01037	Shale	15	-	-	-	1	-	-
Hunlock Sand & Gravel 6475SM8	-	5-30	-	-	-	9	-	-
Lombardo, Jr., Frank 4-00939	-	-	-	-	-	-	-	-
Lonzetta Trucking Co. 40870804	Top Soil	1-2	-	-	-	3	-	-
Lukashevski, Edward 400992	-	-	-	-	-	-	-	-
McClure Enterprises, Inc. 40890301	Red Dog/Cinders	25	-	-	-	1	-	-
No. 1 Contracting 40663025	Llewelyn	-	-	-	-	-	-	-
40663026	Llewelyn	-	-	-	-	-	-	-
Panco, John 401318-40890801-01-0	Sand	30	-	-	-	1	-	-
Pocono Transcrete, Inc. 40870302	Sand & Gravel	45	-	-	-	1	-	-
Popple, David 4-00647	Red Ash	-	-	-	-	-	-	-
Post Harold 4-00097	Shale	4	-	-	-	-	-	-
Price, Theodore 4-00062	Topsoil	6	-	-	-	1	-	-
Roth, Carl A. 4-01078	-	-	-	-	-	-	-	-
Russo Construction Co. 401295-40890805-01-0	Topsoil	-	-	-	-	-	-	-
S-M Rinehimer 5076SM-1	Sand	-	-	-	-	-	-	-
Shady, Elizabeth 40880801	Sand and Gravel	50	-	-	-	2	-	-
Small Mountain Quarry 40870301	Sandstone	50	154,660	-	-	8	-	-
White Haven Red Rock Sales 64730304T	Sandstone	145	-	-	-	10	-	-
Yamuelia, David M. 40880806	Shale/Dirt	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		
Addy Asphalt Company 6473SM3	-	-	276,000	190	276,000
Airport Sand & Gravel 40830301	-	-	15,000	20	15,000
40850302	-	-	115,000	180	115,000
5376SM25	-	-	5,000	10	5,000
Andress Jr., Ward 4-01269	-	-	540	48	700
Bonner, Neal J. 302708-40880301-01-0	-	-	-	-	20,000
401155-40870809-01-0	-	-	-	-	800
Bonner, Susan 401265-40880810-01-0	-	-	-	-	-
Bonomo Trucking 53775M11	-	-	-	200	11,200
Boulder Run Corporation 40860804	-	-	300	14	300
Brdaric Excavating, Inc. 40842302-01	-	-	-	-	-
Cremard Brothers 40820305-01-2	-	-	-	240	51,415
Dallas Nursery 4-00443	-	-	-	20	900
Duryea Realty Co., Inc. 5376SM1-01-2	-	-	258,400	179	258,400
Edwards, Barry 4-00118	-	-	-	4	500
Elston, Gene 401283-40880812-01-0	-	-	650	7	650
Gigliello, John 5378 SM3 (T)	-	-	10,000	80	10,000
Giordano, Samuel 4-00034	-	-	-	-	-
Guszk, Henry 4-01079	-	-	30	130	390
Hanover Nursery 4-00035	-	-	1,900	60	1,900
Hess, J. A. & W. A., Inc. 5776 SM8	-	-	93,000	121	93,000

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Hoover, Donald 4-01037	-	-	150	2	150
Hunlock Sand & Gravel 6475SM8	-	-	11,763	-	11,763
Lombardo, Jr., Frank 4-00939	-	-	-	-	-
Lonzetta Trucking Co. 40870804	-	-	1,350	125	1,350
Lukashewski, Edward 400992	-	-	-	-	-
McClure Enterprises, Inc. 40890301	-	-	10,200	50	10,200
No. 1 Contracting 40663025	-	-	-	-	-
40663026	-	-	-	-	-
Panco, John 401318-40890801-01-0	-	-	874	15	874
Pocono Transcrete, Inc. 40870302	-	-	58,000	235	58,000
Popple, David 4-00647	-	-	450	-	-
Post Harold 4-00097	-	-	-	-	-
Price, Theodore 4-00062	-	-	1,700	100	1,700
Roth, Carl A. 4-01078	-	-	-	-	-
Russo Construction Co. 401295-40890805-01-0	-	-	-	-	-
S-M Rinehimer 5076SM-1	-	-	-	-	-
Shady, Elizabeth 40880801	-	-	1,821	80	1,821
Small Mountain Quarry 40870301	-	-	266,483	287	266,483
White Haven Red Rock 64730304T	-	-	572,440	203	501,825
Yamuella, David M. 40880806	-	-	400	2	400
<b>COUNTY TOTAL</b>					<b>1,715,721</b>

LYCOMING 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)			
Lycoming Silica Sand								
4774 SM4	Pleistocene-Terrace	35	-	-	-	18	-	1
4775 SM13	Oriskani	80	7,800	1,970	Hydromite	4	-	-
				1,350	Emulsion			
4773 SM5	Tonoloway/Keyser	300	232,730	54,935	Hydromite	14	-	1
				23,060	Emulsion			
4773 SM3	Loysburg	250	143,650	21,376	Hydromite	12	-	-
				4,320	Emulsion			
P. Stone, Inc.								
4777 SM1	Limestone	200	99,200	1,137	44,300	25	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Lycoming Silica Sand					
4774 SM4	-	-	520,966	192	577,384
4775 SM13	-	-	26,168	40	26,168
4773 SM5	-	-	453,830	184	501,286
4773 SM3	-	-	287,301	184	238,408
P. Stone, Inc.					
4777SM1	-	-	-	307	207,610
<b>COUNTY TOTAL</b>					1,550,856

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McKEAN 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)			
G. L. Carlson, Inc. 465SM18	Gravel	40	-	-	-	2	-	-
Crooks, Curtis L. 4-01279	Gravel	12 38	-	-	-	1	-	-
John Peter Castelli Mining 3-02420	Gravel and Topsoil	90	-	-	-	-	-	-
Kane Stone Co. 3-01160	Sandstone	27	9,800	1,830	-	10	-	-
Twenty-First Centuramics, Inc. 4976 SM1	Shale	20	-	-	-	11	-	-
Wayne Gravel Product 42850302	Sandstone Gravel	80	-	-	-	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		
G. L. Carlson, Inc. 465SM18	-	-	800	7	800
Crooks, Curtis L. 4-01279	-	-	90	6	1,000
John Peter Castelli Mining 3-02420	-	-	7,500	130	7,500
Kane Stone Co. 3-01160	-	-	37,200	64	21,990
Twenty-First Centuramics, Inc. 4976 SM1	-	-	740,000	52	740,000
Wayne Gravel Product 42850302	-	-	151,138	240	155,000
<b>COUNTY TOTAL</b>					<u><u>2,642,011</u></u>

MERCER 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)			
Atlantic Materials, Inc. 4379305	Loam, Silty Sand & Gravel	50	-	-	-	12	-	-
Big B Mining Co., Inc. 30735H5	Gravel	40	-	-	-	4	-	-
Custom Crushing, Ltd. 43820603	Sandstone	25	-	-	-	2	-	-
Ebbert, C. Richard 43852301	Bank Gravel	18	-	-	-	-	-	-
Greene, Gerald S. 43830305	Aggregate	-	-	-	-	-	-	-
Grove Enterprises, Inc. 43890802-01	Bank Gravel	2-10	-	-	-	3	-	-
H. & H. Materials, Inc. 43840303	Sand/Gravel	20	-	-	-	-	-	-
43820304	Sand/Gravel	20	-	-	-	-	-	-
43790306	Sand/Gravel	25	-	-	-	20	-	2
Hazen Sand & Gravel 3073SM12-3073SM12A2	-	-	-	-	-	-	-	-
Hoffman, Roger H. 3-02337	Gravel	-	-	-	-	3	-	-
Hoobler, Philp 438-1	-	-	-	-	-	-	-	-
J. Taylor Sand & Gravel 3077 SM 9	Sand	25	-	-	-	-	-	-
3076 SM 7	Sand	25	-	-	-	-	-	-
Jones, Jack P. 4-00531	Bank Gravel	15	-	-	-	-	-	-
Leali Brothers Excavating 4-00725	Sand/Gravel	20	-	-	-	-	-	-
Risch, Ralph M. 30749M26	Sand/Gravel	25	-	-	-	2	-	-
Seidle Sand & Gravel, Inc. 3073SM11(A)	Glacial	15	-	-	-	15	-	-
Shenango Valley Sand & Gravel, Inc. 4379301	Sand/Gravel	30	-	-	-	2	-	-

MERCER COUNTY (Cont.)

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)			
Western Pa. Aggregate 3077SM22	-	-	-	-	-	-	-	-
3076SM24(A) Wood Gravel Co.	Sand/Gravel	-	-	-	-	2	-	-
3078NC15-01-0	Sand/Gravel	18	-	-	-	-	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Atlantic Materials, Inc. 4379305	-	-	132,391	120	143,963
Big B Mining Co., Inc. 30735M5	-	-	30,567	294	30,567
Custom Crushing, Ltd. 43820603	-	-	-	-	-
Ebbert, C. Richard 43852301	-	-	-	-	-
Greene, Gerald S. 43830305	-	-	-	-	-
Grove Enterprises, Inc. 43890802-01	-	-	2,000	10	2,000
H. & H. Materials, Inc. 43840303	-	-	9,880	80	9,880
43820304	-	-	18,004	100	18,004
43790306	-	-	415,700	320	415,700
Hazen Sand & Gravel 3073SM12-3073SM12A2	-	-	-	-	-
Hoffman, Roger H. 3-02337	-	-	907	15	907
Hoobler, Philp 434-1	-	-	-	3	600
J. Taylor Sand & Gravel 3077 SM 9	-	-	-	-	-
3076 SM 7	-	-	-	-	-
Jones, Jack P. 4-00531	-	-	1,200	10	1,200
Leall Brothers Excavating, Inc. 4-00725	-	-	-	-	2,000 <sup>1</sup>
Risch, Ralph M. 30749M26	-	-	-	3	-
Seidle Sand & Gravel, Inc. 3073SM11(A)	-	-	263,384	180	288,996
Shenango Valley Sand & Gravel, Inc. 4379301	-	-	4,000	250	4,000



Operators and Mines/ Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Western Pa. Aggregates, Inc. 3077SM22	-	-	-	-	-
3076SM24(A)	-	-	23,880	34	11,371
Wood Gravel Co. 3078NC15-01-0	-	-	25,956	156	25,956
<b>COUNTY TOTAL</b>					<b>955,144</b>

MIFFLIN 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)			
Brannon, Jr., Russell SM-425	Shale	60	-	-	-	-	-	
Caldwell, Sara S. 4-00982	Shale	-	-	-	-	-	-	
Espigh, Glenn S. 68870801 01 D	Shale	-	-	-	-	-	-	
Fultz, Allen A. 401306-68890805-01-0	Shale	15	-	-	-	-	-	
Fultz, Irvin L. 4-00417	Shale	12	-	-	-	-	-	
Goss, John H. 4-00809	Shale	-	-	-	-	-	-	
Goss, Sr., Leroy J. 44860802	Shale	18-20	-	-	-	-	-	
Marker, Richard A. 401334-68890806-01-0	Shale	-	-	-	-	-	-	
Morgan, Richard SM 520-1	Shale	-	-	-	-	-	-	
Parchey, Wesley 4-00457	Shale	10-15	-	-	-	-	-	
Peachey, Calab J. 4-00282	Shale	5	-	-	-	-	-	
Reed, Robert W. 4-01196	Limestone	25	-	-	-	1	-	
Renninger, Russell H. 4-01302	-	-	-	-	-	-	-	
Sandy Bend, Inc. 401294-6880804-01-0	Silica Sand	-	-	-	-	-	-	
Wagner, Billy J. 68880803	Shale	10	-	-	-	-	-	

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Brannon, Jr., Russell SM-425	-	-	-	15	300
Caldwell, Sara S. 4-00982	-	-	-	-	100
Espigh, Glenn S. 68870801 01 D	-	-	1,935	-	1,935
Fultz, Allen A. 401306-68890805-01-0	-	-	-	210	1,520
Fultz, Irvin L. 4-00417	-	-	75	90	75
Goss, John H. 4-00809	-	-	800	20	800
Goss, Sr., Leroy J. 44860802	-	-	1,730	100	1,730
Marker, Richard A. 401334-68890806-01-0	-	-	125	5	125
Morgan, Richard SM 520-1	-	-	-	-	-
Parchey, Wesley 4-00457	-	-	-	5	50
Peachey, Calab J. 4-00282	-	-	-	120	1,987
Reed, Robert W. 4-01196	-	-	-	300	641
Renninger, Russell H. 4-01302	-	-	1,320	20	1,320
Sandy Bend, Inc. 401294-6880804-01-0	-	-	1,873	-	1,873
Wagner, Billy J. 68880803	-	-	470	5	470
<b>COUNTY TOTAL</b>					<u>12,926</u>