

## ADAMS 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)			
Bureau of Forestry								
01860801	Gravel	-	-	-	-	-	-	-
01860801	Non-Sand/Gravel	-	-	-	-	-	-	-
Clapsaddle, Wilson								
0179301	Sand	12	-	-	-	-	-	-
GAF Chemicals Corp.								
6477SM5	Basalt	-	340,674	-	132,485	140	-	5
Glen-Gary Corp								
4975SM4A	Shale	20	-	-	-	-	-	-
6478NC3	Shale	20	-	-	-	-	-	-
A14975SM5	Shale	20	-	-	-	-	-	-
A24975SM3	Shale	20	-	-	-	-	-	-
Gross Minerals								
4974SM3	Unknown	20	-	-	-	7	-	-
Valley Quarries, Inc.								
01740601	Gettysburg/Trgsh	-	233,750	25,970	-	18	-	3
01740401	Gettysburg/Trgsh	-	205,150	22,790	-	8	-	-
Westminster Law Service								
06880802-01	Top Soil	1	-	-	-	-	-	-

## ADAMS 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		
Bureau of Forestry					
01860801	-	-	-	-	-
01860801	-	-	-	-	-
Clapsaddle, Wilson					
0179301	-	-	4,722	123	4,722
GAF Chemicals Corp					
6477SM5	280,364	-	52,315	-	332,679
Glen-Gary Corp					
4975SM4A	-	-	-	13	24,265
6478NC3	-	-	-	14	26,795
A14975SM5	-	-	-	2	2,020
A24975SM3	-	-	-	18	22,105
Gross Minerals					
4974SM3	1,000	-	3,000	13	4,000
Valley Quarries, Inc.					
01740601	-	-	529,351	193	44,439,796
01740401	-	-	160,032	202	364,704
Westminster Law Service					
06880802-01	-	-	-	-	-
<b>COUNTY TOTAL</b>					<b>45,221,086</b>

ALLEGHENY 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)			
Harmar Brick, Inc. 3476SM22T	None-Shale	10	-	-	-	6	-	-
No. Allegheny Stone, Inc. 02820101	None-Sandstone	40	-	-	-	20	-	-
Penneco Oil Co., Inc. 02882301	Shale	15	-	-	-	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		
Harmar Brick, Inc. 3476SM22T	-	-	-	240	45,000
No. Allegheny Stone, Inc. 02820101	-	-	278,893	230	278,893
Penneco Oil Co., Inc. 02882301	-	-	1,000	15	1,000
<b>COUNTY TOTAL</b>					<u>324,893</u>

ARMSTRONG 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)			
Allegheny Mineral Co. 03840105	Vpt, Clar., L & M Kitt.	15	970,994	7,000	17,200 (Caps)	11	-	2
Allegheny Sand, Inc. 3572SM15	Glacial	-	-	-	-	4	-	-
Glacial Sand & Gravel 3572SM13	Glacial	30	-	-	-	10	-	-
Glenn Fleming Const. 4-01010	Sandstone	15	-	-	-	-	-	-
Logan Clay Products 3-00877	None-Clay	-	-	5	-	1	-	-
Parker Sand & Gravel 3573SM8	None-Sand & Gravel	15	-	-	-	7	-	-
Seven Sisters Mining 03860401	Vpt., L. Kitt.	26	96,143	11,585	-	3	-	-
South Buffalo Twp. Bd. 03852303	Sand & Gravel	-	-	-	-	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		
Allegheny Mineral Co. 03840105	-	-	414,191	280	414,191
Allegheny Sand, Inc. 3572SM15	-	-	619	-	619
Glacial Sand & Gravel 3572SM13	-	-	126,258	90	126,258
Glenn Fleming Const. 4-01010	-	-	1,500	10	1,500
Logan Clay Products 3-00877	-	-	-	165	5,887
Parker Sand & Gravel 3573SM8	-	-	88,925	273	88,925
Seven Sisters Mining 03860401	-	-	72,932	248	72,932
South Buffalo Twp. Bd. 03852303	-	-	-	-	100
<b>COUNTY TOTAL</b>					<u>710,412</u>

BEAVER 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)			
Darlington Ready Mix 04840301	Sand & Gravel	25	-	-	-	6	-	-
3172SM8	Bank Gravel	25	-	-	-	6	-	-
Standard Aggregates 3175M10	None-Sand & Gravel-River	90	-	-	-	12	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Darlington Ready Mix 04840301	-	-	32,089	159	32,089
3172SM8	-	-	6,255	54	6,255
Standard Aggregates 3175M10	-	-	278,342	180	256,816
<b>COUNTY TOTAL</b>					<u>295,160</u>

**BEDFORD 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)			
Bedford Co. Stone & Lime Co. 4273NC10	Limestone	10	11,000	3,000	-	-	-	
Fleegle, Robert 400651	None-Slate	80	-	-	-	2	-	
Gracey, Charles L. 400812	None-Shale	-	-	-	-	-	-	
New Enterprise Stone 0579201 - Judy Hollow Slag	Slag Pile	-	-	-	-	1	-	
4274SM10 - Ashcom	Loysburg-Coburn	700	1,500	2,897	230,210	54	-	
4274SM14(A) - Weyant	Fore Knobs Fm.	-	-	-	-	1	-	
Oldham, Edward 4-00631	Shale	15	-	-	-	1	-	
Wright, Rick 4-00800	Shale	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		
Bedford Co. Stone & Lime Co. 4273NC10	-	-	17,000	250	20,000
Fleegle, Robert 400651	-	-	-	45	180
Gracey, Charles L. 400812	-	-	400	-	400
New Enterprise Stone 0579201 - Judy Hollow Slag	-	-	1,195	45	1,195
4274SM10 - Ashcom	-	-	548,801	220	548,801
4274SM14(A) - Weyant	-	-	5,117	150	5,117
Oldham, Edward 4-00631	-	-	300	4	300
Wright, Rick 4-00800	-	-	600	-	600
<b>COUNTY TOTAL</b>					<u>576,593</u>

## BERKS 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)			
Bashore, Barry 4-01286	-	-	-	-	-	-	-	-
Bashore, Curtis R. 4-00517	-	-	-	-	-	-	-	-
Bechtold, Mark J. 400524	-	-	-	-	-	-	-	-
Berks Products Corp. 6176SM2a	None-Dol.-Ls.	100	66,600	1,302	51,480	6	-	4
7774SM2	None-Dol.-Ls.	50	54,600	8,341	37,710	5	-	-
7775SM1a1	Non-Dol.-Ls.	300	119,520	7,412	258,570	17	-	2
Bern Twp. Lions Rec. Assoc. 4-00683	Shale	20	-	-	-	-	-	-
Breneman, E. J., Inc. 7775SM2-01-2C	Epler Fm.	120	159,325	2,141	83,400	19	-	4
D. B. Diefenderfer & Bros. 6177SM1	Gravel	12	-	-	-	8	-	-
Eastern Industries, Inc. 7774SM3	Allentown	200	237,400	-	265,000	20	-	3
7774SM1	Annvile-Beekmantown	2,000	200,100	-	180,100	26	-	9
Empire Wrecking Co. 6177SM2	Non-Gravel	-	-	-	-	-	-	-
Gable Ent. Inc. 6176SM3	Hardystone	120	62,224	20,487	2,988	-	-	1
Glen-Gary Corp. 7775SM11a2	Hamburg Sequence	75	-	-	-	2	-	-
7775SM11a3	Beekmantown Group	15	-	-	-	2	-	-
7775SM6	Martinsburg	80	-	-	-	3	-	-
7775SM9	Hamburg Sequence	50	-	-	-	3	-	-
Hamilton Excavating & Dev., Inc. 06850301 Hin.	Clay	21	-	-	-	1	-	-
Hempel, Mr. J. 068808044-01	Fieldstone	10	-	-	-	4	-	-
Kunkle, Thomas J. 06880801-01	Surface Rock	3	-	-	-	1	-	-

BERKS 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)			
Martin Stone Quarries 7776SM1	None-Sandstone-Granite	100	142,576	-	290,673	16	-	1
Miller, Nelson T. 4-01238	Shale	-	-	-	-	-	-	-
Pottstown Trap Rock 7773SM1-02-3	Locketong-Metasediments	120	1,146	125,179	-	13	-	5
Reber, Roy E. 068806-01	Shale	10	-	-	-	2	-	-
Rolling Rock Bldg. Stone 4-00480	None-Stone	10	-	-	-	31	-	3
4-00666	None-Stone	10	-	-	-	31	-	3
4-00667	None-Stone	10	-	-	-	28	-	3
Sheridan Corp. Morgan 06820601	Diabase	-	-	-	-	15	-	-
Warner Co. - John T. Dyer 7775SM8	None-Diabase Trap	300	211,340	6,916	356,981	26	-	2
Zwicky, W. David 4-00515	None-Shale	18	-	-	-	3	-	-



## BERKS 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		
Bashore, Barry 4-01286	-	-	-	-	-
Bashore, Curtis R. 4-00517	-	-	1,500	75	1,500
Bechtold, Mark J. 400524	-	-	1,800	15	1,800
Berks Products Corp. 6176SM2a	-	-	239,000	254	239,531
7774SM2	-	-	145,000	150	164,775
7775SM1a1	-	-	682,900	240	682,938
Bern Twp. Lions Rec. Assoc. 4-00683	-	-	-	-	-
Breneman, E. J., Inc. 7775SM2-01-2C	-	-	384,831	204	384,831
D. B. Diefenderfer & Bros. 6177SM1	-	-	1,500	31	500
Eastern Industries, Inc. 7774SM3	-	-	913,000	180	913,000
7774SM1	-	-	667,000	180	667,000
Empire Wrecking Co. 6177SM2	-	-	-	30	600
Gable Ent. Inc. 6176SM3	-	-	90,000	120	180,000
Glen-Gary Corp. 7775SM11a2	-	-	-	212	85,000
7775SM11a3	-	-	-	-	15,000
7775SM6	-	-	-	254	117,000
7775SM9	-	-	-	254	117,000
Hamilton Excavating & Dev., Inc. 06850301 Hin.	-	-	29,964	165	29,964
Hempel, Mr. J. 068808044-01	-	-	528	25	528
Kunkle, Thomas J. 06880801-01	-	-	130	150	130

BERKS COUNTY (Continued)

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Martin Stone Quarries 7776SM1	-	-	1,120,715	240	1,120,715
Miller, Nelson T. 4-01238	-	-	-	-	50
Pottstown Trap Rock 7773SM1-02-3	229,876	-	306,379	270	536,255
Reber, Roy E. 068806-01	-	-	1,600	60	1,600
Rolling Rock Bldg. Stone 4-00480	-	-	1,920	225	1,920
4-00666	-	-	1,290	150	1,290
4-00667	-	-	1,850	225	1,850
Sheridan Corp. Morgan 06820601	-	-	617,000	240	630,500
Warner Co. - John T. Dyer 7775SM8	640,463	-	352,337	184	956,700
Zwicky, W. David 4-00515	-	-	2,000	15	2,000
<b>COUNTY TOTAL</b>					<u>6,853,977</u>

## BLAIR 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)			
Grammas Bros Stone & Asphalt Co., Inc. 4273SM6A2	-	-	43,560	4,383	817	17	-	-
Long, Terry L. SM-534	Shale	-	-	-	-	2	-	-
New Enterprise Stone 4274SM11	Bellefonte Fm.	1,000	367,040	8,156	509,670	260	-	6
4274SM28	Keystone-Tonoloway Fm.	300	-	-	-	-	-	-
Sproul Lime & Stone Co. 4273SM4	Oriskany Fm.	400	-	-	-	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		
Grammas Bros Stone & Asphalt Co., Inc. 4273SM6A2	-	-	128,000	192	128,000
Long, Terry L. SM-534	-	-	1,956	-	1,956
New Enterprise Stone 4274SM11	262,290	-	1,520,604	260	1,782,894
4274SM28	-	-	7,430	-	7,430
Sproul Lime & Stone Co. 4273SM4	-	-	13,000	38	13,000
<b>COUNTY TOTAL</b>					<u>1,933,280</u>

## BRADFORD 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)			
Bagley, Sr., Raymond 4-00746	None-Gravel	20	-	-	-	-	-	
Benjamin, Jr., Nathan 4-00305	Shale	6	-	-	-	-	-	
Carl Hill Const. Co. 4-00409	Bank Gravel	25	-	-	-	1	-	
Cook, Ralph M. 5076SM2	None-Sand/Gravel	20	-	-	-	2	-	
Cross, Jr., Clifford L. 3-02601	None-Gravel	50	-	-	-	2	-	
Dalrymple Gravel & Const. 08830301	-	-	-	-	-	22	-	
Falsey, Donald 4-00033	Shale	12	-	-	-	1	-	
Heeman, Sr., Robert L. 4-01178	Flagstone	4	-	-	-	5	-	
Johnson, Bill T. 08870801	Flagstone	0	-	-	-	2	-	
Johnson, Jerry L. 08870803	Flagstone	6	-	-	-	3	-	
Laudermilch, Tina M. 4-01284	Flagstone	0	-	-	-	0	-	
MacMorren 4-01030	None	-	-	-	-	-	-	
McCloe, James 4-01127	None-Topsoil	3	-	-	-	-	-	
Mott & Sherman 4-00502	-	-	-	-	-	-	-	

## BRADFORD 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)			
New Milford Sand & Gravel 08810301	Riprap	2	-	-	-	2	-	-
Phillips, Gerald 08880802	Shale	18	-	-	-	1	-	-
Root, Charles T. 4-01232	-	40	-	-	-	1	-	-
State Aggregates, Inc. 4774SM6	Quaternary Alluvium	35	-	-	-	20	-	1
5076SM3	Quaternary Alluvium	35	-	-	-	-	-	-
Storch, Robert 08880801	Gravel	10	-	-	-	-	-	-
Vandemark, Luke D. 4-01143	-	-	-	-	-	-	-	-
Wyoming Sand & Stone Co. 00800301	Sand & Gravel	3	-	-	-	1	-	-
Wysox Sand & Gravel, Inc. 4776SM2	Sand & Gravel	14	-	-	-	5	-	-
5078SM1-01	Sand & Gravel	14	-	-	-	5	-	-
5078SM1-01-1	Sand & Gravel	14	-	-	-	5	-	-

BRADFORD 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		
Bagley, Sr., Raymond 4-00746	-	-	1,950	-	1,950
Benjamin, Jr., Nathan 4-00305	-	-	1,215	-	1,215
Carl Hill Const. Co. 4-00409	-	-	1,500	25	1,500
Cook, Ralph M. 5076SM2	-	-	59,913	202	59,913
Cross, Jr., Clifford L. 3-02601	-	-	8,134	27	8,134
Dalrymple Gravel & Const. 08830301	-	-	250,000	160	250,000
Falsey, Donald 4-00033	-	-	285	-	285
Heeman, Sr., Robert L. 4-01178	-	-	-	140	198,000
Johnson, Bill T. 08870801	-	-	1,405	170	1,405
Johnson, Jerry L. 08870803	-	-	1,400	170	1,400
Laudermilch, Tina M. 4-01284	-	-	-	-	-
MacMorren 4-01030	-	-	-	-	-
McCloe, James 4-01127	-	-	-	-	-
Mott & Sherman 4-00502	-	-	-	-	-

## BRADFORD 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		
New Milford Sand & Gravel 08810301	-	-	1,780	10	1,780
Phillips, Gerald 08880802	-	-	1,650	58	1,650
Root, Charles T. 4-01232	-	-	1,774	36	1,774
State Aggregates, Inc. 4774SM6	-	-	264,000	170	264,000
5076SM3	-	-	500	1	500
Storch, Robert 08880801	-	-	1,020	85	1,020
Vandemark, Luke D. 4-01143	-	-	-	-	-
Wyoming Sand & Stone Co. 00800301	-	-	37,904	83	37,904
Wysox Sand & Gravel, Inc. 4776SM2	-	-	74,000	200	67,500
5078SM1-01	-	-	74,000	170	67,500
5078SM1-01-1	-	-	74,000	170	67,500
<b>COUNTY TOTAL</b>					<u>973,180</u>

## BUCKS COUNTY

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)			
American Olean Tile 7974SM6	Brunswick Shale	12	-	-	-	6	-	-
Better Materials Corp. 7971SM2	Lockatong	400	512,000	240,000	7,800	25	-	-
Bucks County Crushed Stone 7974SM2	Lockatong	400	268,400	107,534	4,367	12	-	5
Delaware Quarries 09832601-01	None-Sandstone	70	-	-	-	3	-	-
Delaware Valley Land 09830301	None-Sand & Gravel	25	-	-	-	6	-	3
Durnan, James & Terry 4-00818	Wisconsin Glacial Drift	-	-	-	-	2	-	-
Haines & Kibblehouse Inc. 7975SM1	None-Argillite	50	167,400	2,143	211,270	4	-	-
A17975SM2	None-Argillite	40	19,600	24,676	48,325	3	-	-
7974SM5A1	None-Argillite	60	427,700	231,911	202,016	6	-	-
Langhorne Stone Co. 09832501-01	None-Sandstone	40	3,360	-	-	3	-	1
M. & M. Stone Co. 7974SM4	None-Argillite	-	-	-	-	28	-	2
Marlyn "Rube" Weaver Excavating Inc. 09850801	Shale	1	-	-	-	4	-	-
Miller & Son Paving, Inc. 7973SM3	None-Argillite	50	226,450	198,834	5,618	13	-	2
New Hope Crushed Stone 7974SM3-01-1	Limestone	-	160,120	195,050	-	15	-	4
Sahara Sand of Falls 5476SM5	Sand & Gravel	35	-	-	-	-	-	-
Segletes, Ralph E. 09880801	Shale	-	-	-	-	-	-	-
The General Crushed Stone 7974SM1	None-Gneisses, Diabase	250	-	-	-	-	-	-
Warner Co. 7975SM5	None-Sand & Gravel	30	-	-	-	35	-	7



## BUCKS 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		
American Olean Tile 7974SM6	-	-	-	27	24,200
Better Materials Corp. 7971SM2	-	-	1,600,000	196	1,600,000
Bucks County Crushed Stone 7974SM2	-	-	493,303	202	615,510
Delaware Quarries 09832601-01	-	-	1,999	120	1,999
Delaware Valley Land 09830301	-	-	115,813	185	115,813
Durnan, James & Terry 4-00818	-	-	-	-	-
Haines & Kibblehouse Inc. 7975SM1	-	-	469,000	270	469,000
A17975SM2	-	-	117,000	270	117,000
7974SM5A1	-	-	1,020,000	270	1,020,000
Langhorne Stone Co. 09832501-01	-	-	1,999	80	1,999
M. & M. Stone Co. 7974SM4	-	-	645,062	229	819,514
Marlyn "Rube" Weaver Excavating Inc. 09850801	-	-	-	1000	45
Miller & Son Paving, Inc. 7973SM3	-	-	576,301	178	576,301
New Hope Crushed Stone 7974SM3-01-1	-	-	675,000	282	690,000
Sahara Sand of Falls 5476SM5	-	-	155,749	240	155,749
Segletes, Ralph E. 09880801	-	-	350	3	350
The General Crushed Stone 7974SM1	-	-	562	-	-
Warner Co. 7975SM5	-	-	1,354,000	258	1,400,000
<b>COUNTY TOTAL</b>					<u>7,583,280</u>

BUTLER 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)			
Allegheny Mineral Co. 3072SM3a	Vanport Limestone	16	1,234,591	8,413	23,736 (caps)	24	-	2
3074SM13	Vanport Limestone	15	551,269	6,853	16,749 (caps)	24	-	2
Armstrong Cement & Supply Co. 083061	-	-	-	-	-	-	-	-
Cooper Bros., Inc. 3175SM14	None	20	-	-	-	4	-	-
Cooper, H. W. 3075SM6	None	25	-	-	-	3	-	-
Highway Sand-Gravel 3-00709	-	-	-	-	-	-	-	-
Sechan Limestone Inc. 3070BSM8	None	-	-	-	-	-	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
Allegheny Mineral Co. 3072SM3a	-	-	660,251	200	660,251
3074SM13	-	-	585,328	200	585,328
Armstrong Cement & Supply Co. 083061	-	-	-	-	-
Cooper Bros., Inc. 3175SM14	-	-	30,000	175	30,000
Cooper, H. W. 3075SM6	-	-	70,000	185	70,000
Highway Sand-Gravel 3-00709	-	-	-	-	-
Sechan Limestone Inc. 3070BSM8	-	-	-	-	-
<b>COUNTY TOTAL</b>					1,345,579

CAMBRIA 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 & Y Sand & Gravel, Inc.	Sandstone & Gravel	35	-	-	-	3	-	-
Brown, Francis H. 3-02614	None-Sand/Gravel	7	-	-	-	3	-	-
Himmel's 4-00629	Non-Slate Rock	3	-	-	-	2	-	-
4-00629	Slate Rock, Fill Dirt	3	-	-	-	1	-	-
James, Lewis R. 4-00798	None-Sandstone	-	-	-	-	2	-	-
Jones, Richard H. 4-00086	None-Shale	10	-	-	-	1	-	-
Rose, Donald D. 4-00291	None-Slate	-	-	-	-	-	-	-
Zucco Realty Co. 4-01065	Bank Shale	2	-	-	-	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		
B & Y Sand & Gravel, Inc.	-	-	14,252	300	14,252
Brown, Francis H. 3-02614	-	-	10,000	255	-
Himmel's 4-00629	-	-	550	-	550
4-00629	-	-	900	900	-
James, Lewis R. 4-00798	-	-	1,200	-	1,200
Jones, Richard H. 4-00086	-	-	1,952	140	1,952
Rose, Donald D. 4-00291	-	-	-	-	1,000
Zucco Realty Co. 4-01065	-	-	250	2	250
<b>COUNTY TOTAL</b>					<u>19,204</u>

## CAMERON 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)			
O'Block, A. E. 4673SM11	Gravel	25	-	-	-	5	-	-
Sinnemahoning Gravel 4673SM11	None-Gravel	25	-	-	-	5	-	-

Operators and Mines/or Non Coal Surface Mine Permit No.	Minerals Shipped to Market			Days Worked	Total Production
	By Rail	By Water	By Truck		
O'Block, A. E. 4673SM11	-	-	34,601	150	34,601
Sinnemahoning Gravel 4673SM11	-	-	17,900	276	17,900
<b>COUNTY TOTAL</b>					<u>52,501</u>

## CARBON 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)			
Alliance Sand Co. 7373SM2	Oriskany	90	67,500	-	15,402	9	-	1
Detweiler, Kenneth F. 13852301-01	None-Fill-Dirt	25	-	-	-	10	-	-
Diehl, Spencer H. 401008	Topsoil	1	-	-	-	1	-	-
Eastern Industries, Inc. 4579601a-2	Palmerton	130	15,600	-	160,000	14	-	1
Eckhart, Douglas 4-00969	None	-	-	-	-	1	-	-
Huss Contracting Co. 7375SM4	None-Sandstone	-	-	-	-	-	-	-
Jamico, Inc. 5878SM3	None-Shale	75	-	-	-	12	-	-
Jonathan Point, Inc. 13870803-01	Topsoil	4	-	-	-	-	-	-
Refractory Sand Co. 7373SM8	None-Sandstone	50	22,000	-	23,000	14	-	1
The Smith Partnership 13870801-01	None-Shale	10	-	-	-	-	-	-

CARBON 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		
Alliance Sand Co. 7373SM2	-	-	130,100	235	120,050
Detweiler, Kenneth F. 13852301-01	-	-	2,000	160	2,000
Diehl, Spencer H. 4-01008	-	-	40	13	40
Eastern Industries, Inc. 4579601a-2	-	-	200,000	130	200,000
Eckhart, Douglas 4-00969	-	-	1,900	90	1,900
Huss Contracting Co. 7375SM4	-	-	507	1	507
Jamico, Inc. 5878SM3	-	-	55,000	180	55,000
Jonathan Point, Inc. 13870803-01	-	-	-	80	-
Refractory Sand Co. 7373SM8	-	-	197,266	275	197,266
The Smith Partnership 13870801-01	-	-	600	6	600
<b>COUNTY TOTAL</b>					77,363