

GEOGRAPHICAL TABLE

NON-COAL

ADAMS COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :					Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:	:Lamps Used	:	:	:	Ammonium Nitrate		Dynamite
			:Depth:	Length:	Degrees:	Drift:	Gas:	Non- gas:	Flame	Elec:				
DER, Bureau of Forestry 01860801	Gravel	0	-	-	-	-	-	-	-	-	-	0	0	0
GAF Chemicals Corp. 6477SM5	Greenstone	160	-	-	-	-	-	-	-	-	-	0	0	0
Valley Quarries, Inc. 0174041	Gettysburg Trg	0	-	-	-	-	-	-	-	-	-	0	0	0
01740601	Gettysburg Trg	0	-	-	-	-	-	-	-	-	-	0	0	0
												<u>0</u>	<u>0</u>	<u>0</u>
												<u>0</u>	<u>0</u>	<u>0</u>
												<u>0</u>	<u>0</u>	<u>0</u>
												<u>0</u>	<u>0</u>	<u>0</u>
												<u>0</u>	<u>0</u>	<u>0</u>

COUNTY TOTAL

ALLEGHENY COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)	
			Shaft:	Slope	Drift:	Lamps Used	Non- :Gas- :gas- :Open:	Flame :Elec- :tric	Ammonium Nitrate	Dynamite			
Duquesne Slag Products Co. 02850301	Slag Reserve	120	-	-	-	-	-	-	-	-	0	0	0
Harmar Brick, Inc. 3476SM22	Shale	4	-	-	-	-	-	-	-	-	0	0	0
McShane Industries, Inc. 3473SM46		75	-	-	-	-	-	-	-	-	0	0	0
U.S.X. Corp. (Gascola Slag) 3473SM15	Slag	80	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL											0	0	0

ARMSTRONG COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height Seam Inches	Average							Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)		
			Kind of Opening		Shaft		Slope		Drift		Lamps Used		Ammonium Nitrate	Dynamite			
			Depth	Length	Degrees	Drift	feet	feet	Open	Safety	Flame	Elec-					
Allegheny Sand, Inc. 3572SM15	Glacial	25	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
Armstrong Cement & Supply Corp. 03830601		0	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
Cousins, John W. 03852302	Sand & Gravel	20	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
Glacial Sand & Gravel Co. 3572SM13	Glacial Deposit	180	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
3573SM2	Glacial Deposit	180	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
Glen Fleming Const. Co.	Sandstone	20	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
Logan Clay Products Co. 3572SM1	Clay	0	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
M & M Lime Company 03800401	Vanport LS	18	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
Manor Minerals, Inc. 03823027T	Freeport Clay	12	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
3570B5SM16	Freeport Clay	12	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
3572SM17	Vanport LS	8	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
																	TOTAL
														0	0	0	
Parker Sand & Gravel 3573SM8	Sand & Gravel	20	-	-	-	-	-	-	-	-	-	-	-	0	0	0	
																	COUNTY TOTAL
														0	0	0	

BEAVER COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :					Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:	:Lamps Used	:	:	:	Ammonium Nitrate		Dynamite
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Darlington Ready Mix Co. 04840301 3172SM8	Sand & Gravel Sand & Gravel	25 25	-	-	-	-	-	-	-	-	-	0	0	0
												0	0	0
												TOTAL	0	0
Duquesne Slag Products Co. 04850301	Slag Reserve	50	-	-	-	-	-	-	-	-	-	0	0	0
G. B. Sand Co., Inc. 04801003	Glacial Sand & Gravel	20	-	-	-	-	-	-	-	-	-	0	0	0
Standard Aggregates, Inc. 3174SM10	Sand & Gravel	90	-	-	-	-	-	-	-	-	-	0	0	0
												COUNTY TOTAL	0	0

BEDFORD COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)				
			: Shaft :	: Slope :	: Drift :	: Lamps Used :	: Non- :	: Flame :	: Elec- :	Ammonium Nitrate	Dynamite					
			: : : :	: : : :	: : : :	: : : :	: Gas- : gas- :	: : : :	: : : :							
Bedford Co. Stone & Lime 4273B4NC10	Limestone	300	-	-	-	-	-	-	-	-	-	0	0	0		
New Enterprise Stone & Lime Co. 0579201	Slag Pile	0	-	-	-	-	-	-	-	-	-	0	0	0		
4274SM10	Laysburg-Coburn FM.	700	-	-	-	-	-	-	-	-	-	0	0	0		
42714SM14	Foreknobs FM.	0	-	-	-	-	-	-	-	-	-	0	0	0		
												TOTAL		0	0	0
												COUNTY TOTAL		0	0	0

BERKS COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Sum Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	Ammonium Nitrate	Dynamite		
			:Depth:	Length:	Degrees:	Drift:	Gas:	gas:	Flame:	Elec-:			
Bashore, Curtis		0	-	-	-	-	-	-	-	-	0	0	0
Bechtold, Mark J.	Shale	0	-	-	-	-	-	-	-	-	0	0	0
Breneman, E. J., Inc. 7775SM2	Epler FM	120	-	-	-	-	-	-	-	-	0	0	0
D. B. Diefenderfer & Bros. Inc. 6177SM1	Gravel	12	-	-	-	-	-	-	-	-	0	0	0
Dryer, John T. Quarry (Warner) 7775SM8	Diabase Trap	300	-	-	-	-	-	-	-	-	0	0	0
Eastern Industries, Inc. 7774SM1	Limestone	2,000	-	-	-	-	-	-	-	-	0	0	0
7774SM3	Limestone	200	-	-	-	-	-	-	-	-	0	0	0
			TOTAL								0	0	0
Pottstown Trap Rock Quarries 7773SM1	Lockatong FM	200	-	-	-	-	-	-	-	-	0	0	0
Rolling Rock Building Stone Mt. Mary Pit	Building Stone Veneer	10	-	-	-	-	-	-	-	-	0	0	0
Rolling Rock Pt	Building Stone Veneer	10	-	-	-	-	-	-	-	-	0	0	0
Waller	Building Stone Veneer	10	-	-	-	-	-	-	-	-	0	0	0
			TOTAL								0	0	0
Sheridan Corporation 06820601	Diabase Rock	40	-	-	-	-	-	-	-	-	0	0	0
The General Crushed Stone Co. 7974SM1	Gneiss Diabase	250	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL											0	0	0

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BLAIR COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	Ammonium Nitrate	Dynamite			
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
East Loop & Sand Co. 0782031	Sand	100	-	-	-	-	-	-	-	-	-	0	0	0
Grannas Bros. Stone & Asphalt 4273SM6		0	-	-	-	-	-	-	-	-	-	0	0	0
New Enterprise Stone & Lime Co. 4274SM11	Bellefonte FM	1,000	-	-	-	-	-	-	-	-	-	0	0	0
4274SM28	Keyser-Tonoloway FM	300	-	-	-	-	-	-	-	-	-	0	0	0
												TOTAL		0
Sproul Lime & Stone Company 4273SM4	Driskanny SS	400	-	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL												0	0	0

BUCKS COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :				Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Non-:	:	:Ammonium	Dynamite		
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	Elec-:	Nitrate		
American Olean Tile Co. 7976SM6	Brunswick Shale	12	-	-	-	-	-	-	-	-	-	0	0	0
Better Materials Corp. 7971SM2	Lockatong FM	400	-	-	-	-	-	-	-	-	-	0	0	0
Blooming Glen Quarry 7975SM1	Argillite	50	-	-	-	-	-	-	-	-	-	0	0	0
Colony Materials A17975SM2	Argillite	40	-	-	-	-	-	-	-	-	-	0	0	0
Delaware Quarries 09832601	Sandstone	70	-	-	-	-	-	-	-	-	-	0	0	0
Delaware Valley Landscape 09830301	Sand & Gravel	25	-	-	-	-	-	-	-	-	-	0	0	0
G. R. O. W. S., Inc. 09840301	Magathy sp.	20	-	-	-	-	-	-	-	-	-	0	0	0
General Crushed Stone Rk Hil 7974SM1	Gneiss & Diabase	250	-	-	-	-	-	-	-	-	-	0	0	0
H & K 7974SM5	Argillite	60	-	-	-	-	-	-	-	-	-	0	0	0
Langhorne Stone Co. 09832501	Silica Sandstone	40	-	-	-	-	-	-	-	-	-	0	0	0
M & M Stone Company 7974SM4	Argillite	0	-	-	-	-	-	-	-	-	-	0	0	0
Miller Quarries 7973SM3	Argillite	50	-	-	-	-	-	-	-	-	-	0	0	0
New Hope Crushed Stone & Lime 7974SM3	Allentown FM	0	-	-	-	-	-	-	-	-	-	0	0	0
Warner Company 7975SM5	Sand & Gravel	30	-	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL												0	0	0

BUTLER COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral : or Height Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:Lamps Used	:Non-:	:Flame :	:Elec-:	Ammonium	Dynamite		Nitrate	
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Allegheny Mineral Corporation														
3072SM3	Vanport Limestone	192	-	-	-	-	-	-	-	-	-	0	0	0
3074SM13	Vanport Limestone	180	-	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL												0	0	0

CARBON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height Seam Inches	Kind of Opening :					Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)	
			: Shaft :	: Slope :	: Drift :	: : :	: : :	: Lamps Used :	: : :	: : :	: : :	: Ammonium Nitrate		: Dynamite
			: Depth :	: Length :	: Degrees :	: Drift :	: eous :	: eous :	: Open :	: Safety :	: tric :			
Ahner, Grover 4-00971	Shale	0	-	-	-	-	-	-	-	-	-	0	0	0
Alliance Sand Co. 7373SM2		100	-	-	-	-	-	-	-	-	-	0	0	0
Detweiler, Kenneth F. 13852301	Fill Dirt	25	-	-	-	-	-	-	-	-	-	0	0	0
Diehl, Spencer H.		0	-	-	-	-	-	-	-	-	-	0	0	0
Eastern Industries, Inc. 1376030	Sand & Gravel	130	-	-	-	-	-	-	-	-	-	0	0	0
Huss Contracting Co. 7374SM2	Sandstone	0	-	-	-	-	-	-	-	-	-	0	0	0
Refractory Sand Co., Inc. 7373SM3	Shale	50	-	-	-	-	-	-	-	-	-	0	0	0
Smith, J. E., Inc. 5876SM3	Shale	25	-	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL												0	0	0

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CENTRE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :					Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:	:Lamps Used	:	:	:	Ammonium Nitrate		Dynamite	
			:Depth:	Length:	Degrees:	Drift:	ecous:	ecous:	Open:	Safety:	tric :				
Fenush, C. G. Contracting 14860801	Soft Clay	3	-	-	-	-	-	-	-	-	-	0	0	0	
Fleming Mining Company 14840301	Clay	45	-	-	-	-	-	-	-	-	-	0	0	0	
Harbison-Walker Refractories 4775SM17	Kaolin Clay	100	-	-	-	-	-	-	-	-	-	0	0	0	
Hawbaker, Glenn, Jr. 477SM3	Limestone	0	-	-	-	-	-	-	-	-	-	0	0	0	
Imbt, Herbert R. Inc. 4775SM18	Bellefonte Dol.	90	-	-	-	-	-	-	-	-	-	0	0	0	
Imbt, Herbert R., Inc. 4775SM10	Trenton Gravel	150	-	-	-	-	-	-	-	-	-	0	0	0	
4775SM21	Oswago Sandstone	90	-	-	-	-	-	-	-	-	-	0	0	0	
												TOTAL	0	0	0
Marblehead Lime Co. 14810401	Valentine Limestone	75	-	-	-	-	-	-	-	-	-	0	0	0	
												COUNTY TOTAL	0	0	0

CHESTER COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening					Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:	:Lamps Used	:	:	:	Ammonium Nitrate		Dynamite
			:Depth:	Length:	Degrees:	Drift:	Gas:	gas:	Flame:	Elec:				
Atglen Quarry, Inc. 15860801	Sandstone	35	-	-	-	-	-	-	-	-	-	0	0	0
D'Amico, Anthony SM-324-1	Sandstone	0	-	-	-	-	-	-	-	-	-	0	0	0
Glasgow, Inc. 15750402-01	Ledger Dolomite	0	-	-	-	-	-	-	-	-	-	0	0	0
McAvoy Vitrified 8176SM1	Red Shale	10	-	-	-	-	-	-	-	-	-	0	0	0
Pennsylvania Granite Corp. 15830601	Granite	0	-	-	-	-	-	-	-	-	-	0	0	0
6278031	Granite	0	-	-	-	-	-	-	-	-	-	0	0	0
												TOTAL		
												0	0	0
The General Crushed Stone Co. 8173SM1	Limestone	300	-	-	-	-	-	-	-	-	-	0	0	0
Valley Forge Stone Company 6276SM4A2	Quartzite	0	-	-	-	-	-	-	-	-	-	0	0	0
Warner Company 8175SM3	Dolomitic Limestone	180	-	-	-	-	-	-	-	-	-	0	0	0
Welsh Mtn. Bldg. Stone, Inc. 1581401	Dimensional Stone	50	-	-	-	-	-	-	-	-	-	0	0	0
												COUNTY TOTAL		
												0	0	0

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CLARION COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral : or : Height : Coal, Coal, or Seam : Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Non-:	:Flame :	Elec-:		Ammonium Nitrate
DGB Trucking 16842311	Rock	10	-	-	-	-	-	-	-	-	0	0	0
Forest, Arthur E 16852303	Sand & Gravel	20	-	-	-	-	-	-	-	-	0	0	0
Glen Gery Corp. 16810330	Lower Clarion Clay	12	-	-	-	-	-	-	-	-	0	0	0
Hanley Brick, Inc. 16810130	Lower Clarion Clay	12	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL											0	0	0

CLEARFIELD COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	: :	: :	: :	: Lamps Used	: :	: :		: :	Ammonium Nitrate
Harbison-Walker Refractories 4475SM10	Mercer Clay	0	-	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL											0	0	0	

COLUMBIA COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average				Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)
		Height	Shaft	Slope	Drift	Gas	Non-	Flame	Elec-	Ammonium	Dynamite				
	Inches	Depth	Length	Degrees	Drift	eous	eous	Open	Safety	tric	Nitrate				
Bartholomew, Clyde 19842501	Shale	0	-	-	-	-	-	-	-	-	0	0	0		
Hock, Ryland L.	Shale	4	-	-	-	-	-	-	-	-	0	0	0		
Lycoming Silica Sand Company 7373SM1	Tonoloway FM	250	-	-	-	-	-	-	-	-	0	0	0		
Valeski, Frank M.	Sand	5	-	-	-	-	-	-	-	-	0	0	0		
Young, Robert C., Inc.	Shale	0	-	-	-	-	-	-	-	-	0	0	0		
COUNTY TOTAL											0	0	0		

CRAWFORD COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening				Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Non-:	:Flame	:Elec-:		Ammonium Nitrate	Dynamite
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric			
Bechtel, James B. Excavating 20860805	Sand & Gravel	20	-	-	-	-	-	-	-	-	-	0	0	0
Conneaut Lake Sand & Gravel 20340308		0	-	-	-	-	-	-	-	-	-	0	0	0
20810302		0	-	-	-	-	-	-	-	-	-	0	0	0
30765M4	Glacial	50	-	-	-	-	-	-	-	-	-	0	0	0
												TOTAL		0
Cornell, Edward 20820310	Bank Gravel	6	-	-	-	-	-	-	-	-	-	0	0	0
Edinboro Gravel 4877SM13		25	-	-	-	-	-	-	-	-	-	0	0	0
4878NC3	Gravel	25	-	-	-	-	-	-	-	-	-	0	0	0
												TOTAL		0
Ferris, Don SM 506-1	Gravel	20	-	-	-	-	-	-	-	-	-	0	0	0
L. R. Glover 20800302	Gravel	25	-	-	-	-	-	-	-	-	-	0	0	0
Hall, Marvin L. SM 272-1	Sand & Gravel	18	-	-	-	-	-	-	-	-	-	0	0	0
Heurich, E. Charles 20860803	Glacial Till	25	-	-	-	-	-	-	-	-	-	0	0	0
I. A. Construction Corp. 3178SM8	Glacial	30	-	-	-	-	-	-	-	-	-	0	0	0
Klippel, Donald H. SM 326-1	Sand & Gravel	12	-	-	-	-	-	-	-	-	-	0	0	0
McMahon, Louane 20820309	Sand & Gravel	15	-	-	-	-	-	-	-	-	-	0	0	0
Northwest Gravel Co. 20820305	Sand & Gravel	8	-	-	-	-	-	-	-	-	-	0	0	0

CRAWFORD COUNTY (Continued)

Operators and Mines/ or Mine Drainage Permit No.	Mineral : or Name of Non- Coal, Coal, or Geological Formation	Average Height or Seam Inches	Kind of Opening :				Number and Type :				Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Non-:	:Flame :	:Elec-:	Ammonium		Dynamite
			:Depth:	Length:	Degrees:	Drift:	sons:	sons:	Open:	Safety:	tric :	Nitrate		
Oskin, David L. 20842304	Sand & Gravel	3	-	-	-	-	-	-	-	-	-	0	0	0
See, Edward F. 20842607	Sandstone	24	-	-	-	-	-	-	-	-	-	0	0	0
Shevitz, Walter SM 240-1	Sand & Gravel	0	-	-	-	-	-	-	-	-	-	0	0	0
Smock, Robert L. SM 459-1	Gravel	8	-	-	-	-	-	-	-	-	-	0	0	0
Wallach, John Louis, Jr. 20830310	Sand & Gravel	0	-	-	-	-	-	-	-	-	-	0	0	0
Wallis, Donald R. 20842607	Aggregate	8	-	-	-	-	-	-	-	-	-	0	0	0
Watson, Orie Leon 20832313	Aggregates	15	-	-	-	-	-	-	-	-	-	0	0	0
Watson, Robert E. & Ruth Ann 20820304	Shale	30	-	-	-	-	-	-	-	-	-	0	0	0
20840301	Gravel	20	-	-	-	-	-	-	-	-	-	0	0	0
										TOTAL		0	0	0
White, Roger W. SM 521	Gravel	10	-	-	-	-	-	-	-	-	-	0	0	0
Wilson Sandstone Aggregates Co. 20810301	Sandstone	0	-	-	-	-	-	-	-	-	-	0	0	0
Wood & Barco 4876SM3	Sand & Gravel	20	-	-	-	-	-	-	-	-	-	0	0	0
4877SM3	Sand & Gravel	15	-	-	-	-	-	-	-	-	-	0	0	0
4877SM5	Sand & Gravel	20	-	-	-	-	-	-	-	-	-	0	0	0
										TOTAL		0	0	0

CRAWFORD COUNTY (Continued)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral : or Height : Inches	Kind of Opening :					Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	: : : : : :	: : : : : :	: : : : : :	: : : : : :	: : : : : :	: : : : : :	: : : : : :		Ammonium Nitrate	Dynamite
Wood Gravel Co. 20820301	Shale	14	-	-	-	-	-	-	-	-	-	-	0	0	0
Zimmerman, Noel L. SM 564	Sand & Gravel	24	-	-	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL												0	0	0	

CUMBERLAND COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Coal, Coal, or of Geological Formation	Average							:Elec- :tric :	Ammonium Nitrate	Permis- Dynamite	sible (Name)
		Seam	:Depth:	Length:	Degrees:	Drift:	:Gas-:gas-: :eous:eous:	Open:				
Bender, R. A., Inc. 7574SM5	Antietam	500	-	-	-	-	-	-	-	0	0	0
7574SMA2		0	-	-	-	-	-	-	-	0	0	0
								TOTAL		0	0	0
DER, Bureau of Forestry 21860805	Gravel	0	-	-	-	-	-	-	-	0	0	0
Hempt Bros., Inc. 726-8	Quartzite	0	-	-	-	-	-	-	-	0	0	0
726-3	Limestone	0	-	-	-	-	-	-	-	0	0	0
								TOTAL		0	0	0
Kough, E. E. Sons 6476sm9	Shale	12	-	-	-	-	-	-	-	0	0	0
Lebo Shale Pit SM 5684	Shale & Fill	0	-	-	-	-	-	-	-	0	0	0
Penny Supply, Inc. 7574SM1	Chambersburg FM	275	-	-	-	-	-	-	-	0	0	0
Reisinger, William P. 21832301	Shale	0	-	-	-	-	-	-	-	0	0	0
Snake's Excavating & Paving 6478NC1	Shale	20	-	-	-	-	-	-	-	0	0	0
Valley Quarries, Inc. 7574SM6	Stonehenge Os	800	-	-	-	-	-	-	-	0	0	0
Walter, John F. Exo., Inc. 6476SM10	Slate	10	-	-	-	-	-	-	-	0	0	0
6477SM4	Fill	10	-	-	-	-	-	-	-	0	0	0
								TOTAL		0	0	0
								COUNTY TOTAL		0	0	0

DAUPHIN COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:Lamps Used	:Non- :Gas- :Open:	:Elec- :Flame :Safety:	Ammonium Nitrate	Dynamite			
Blue Mtn. Bldg. Stone Co.	Quartzite	25	-	-	-	-	-	-	-	-	0	0	0
Faylor-Middlecreek, Inc. 7175SM2	Sandstone	300	-	-	-	-	-	-	-	-	0	0	0
Hempt Bros., Inc. 1P-158	Limestone	0	-	-	-	-	-	-	-	-	0	0	0
Pennay Supply, Inc. 6377SM1	Beckmantown Grp.	250	-	-	-	-	-	-	-	-	0	0	0
7175SM1	Beckmantown Grp.	250	-	-	-	-	-	-	-	-	0	0	0
7175SM3	River Sand & Gravel	20	-	-	-	-	-	-	-	-	0	0	0
TOTAL											0	0	0
COUNTY TOTAL											0	0	0

DELAWARE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)			
			:Shaft:	Slope	:Drift:	:Lamps Used	:Non-:	:Flame :	:Elec-:	Ammonium Nitrate		Dynamite		
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Media Quarry Co. 5273NC3	Mica Schist	0	-	-	-	-	-	-	-	-	-	0	0	0
Pyramid Land Development Co. 5273SM1	Granite	40	-	-	-	-	-	-	-	-	-	0	0	0
The General Crushed Stone Co. 5273SM2	Granitic Gneiss	450	-	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL												0	0	0

ERIE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)			
			Shaft	Slope	Drift	Lamps Used	Flame	Elec-	Ammonium Nitrate	Dynamite				
			Depth:	Length:	Degrees:	Drift:	Gas:	gas:	Open:	Safety:	tric :			
Arnevan, Martin 25820311	Glacial Till	15	-	-	-	-	-	-	-	-	-	0	0	0
Bedrock Sand & Gravel, Inc. 2579302	Sand & Gravel	40	-	-	-	-	-	-	-	-	-	0	0	0
Beute & Bailey, Inc. 25800303T	Sand & Gravel	0	-	-	-	-	-	-	-	-	-	0	0	0
Burdich, Ronald R. 400858	Gravel	16	-	-	-	-	-	-	-	-	-	0	0	0
Burdich, Vance E. SM 535-1		25	-	-	-	-	-	-	-	-	-	0	0	0
Central Sand & Gravel 3174SM4	Sand & Gravel	0	-	-	-	-	-	-	-	-	-	0	0	0
Erie Aggregates, Inc. 3171SM11	Glacial Sand & Gravel	30	-	-	-	-	-	-	-	-	-	0	0	0
Fenton, C. B. 25860802	Gravel	0	-	-	-	-	-	-	-	-	-	0	0	0
First National Bank - Bruce Magoon 25830314	Gravel	0	-	-	-	-	-	-	-	-	-	0	0	0
Franklin Township 25860301	Gravel	25	-	-	-	-	-	-	-	-	-	0	0	0
Ganzer Sand & Gravel, Inc. 3076SM2	Sand & Gravel	0	-	-	-	-	-	-	-	-	-	0	0	0
Gubbs, Elwood M. 3174SM2		0	-	-	-	-	-	-	-	-	-	0	0	0
3174SM6		0	-	-	-	-	-	-	-	-	-	0	0	0
TOTAL											0	0	0	

ERIE COUNTY (Continued)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)			
			Shaft:	Slope :	Drift:	:	Lamps Used :	:		Ammonium Nitrate	Dynamite				
			:	:	:	:	:	Non-:	Flame :				Elec-:		
Hoover Sand & Gravel Co., Inc.															
25800304	Sand & Gravel	15	-	-	-	-	-	-	-	-	0	0	0		
25830313	Sand & Gravel	40	-	-	-	-	-	-	-	-	0	0	0		
25840302	Sand & Gravel	20	-	-	-	-	-	-	-	-	0	0	0		
3176SM6	Sand & Gravel	20	-	-	-	-	-	-	-	-	0	0	0		
											0	0	0		
											TOTAL		0	0	0
Lyons, Larry															
20850804	Sand & Gravel	20	-	-	-	-	-	-	-	-	0	0	0		
Maybro Asphalt Co.															
3076SM11A	Gravel	0	-	-	-	-	-	-	-	-	0	0	0		
4876SM6	Sand & Gravel	25	-	-	-	-	-	-	-	-	0	0	0		
											0	0	0		
McCormick Materials															
4877SM8	Sand & Gravel	20	-	-	-	-	-	-	-	-	0	0	0		
McKean Sand & Gravel, Inc.															
25820314	Sand & Gravel	15	-	-	-	-	-	-	-	-	0	0	0		
Northwest Gravel Co.															
4876SM8	Sand & Gravel	20	-	-	-	-	-	-	-	-	0	0	0		
Orton, Edward															
25840308	Sand & Gravel	21	-	-	-	-	-	-	-	-	0	0	0		
Over Lake, Inc.															
25830310		15	-	-	-	-	-	-	-	-	0	0	0		
Pavkov, Milan L.															
2586084	Sand & Gravel	0	-	-	-	-	-	-	-	-	0	0	0		
R. & C. Gravel															
25830301	Sand & Gravel	20	-	-	-	-	-	-	-	-	0	0	0		
Richter, William & Eileen															
25800301A	Sand & Gravel	18	-	-	-	-	-	-	-	-	0	0	0		
25810303	Sand & Gravel	18	-	-	-	-	-	-	-	-	0	0	0		
											0	0	0		
											TOTAL		0	0	0

ERIE COUNTY (Continued)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral : or : Height : Seam : Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)			
			: Shaft :	: Slope :	: Drift :	: : :	: Lamps Used :	: : :	: : :	: Ammonium Nitrate	: Dynamite				
			: Depth :	: Length :	: Degrees :	: Drift :	: eous :	: eous :	: Open :	: Safety :	: tric :				
Robinson, Paul R. 25830302	Bank Gravel	10	-	-	-	-	-	-	-	-	-	0	0	0	
Sibleyville Sand & Gravel 25800306	Gravel & Fill	0	-	-	-	-	-	-	-	-	-	0	0	0	
Strand, James A. 2584306	Gravel	10	-	-	-	-	-	-	-	-	-	0	0	0	
Tomcho, Joseph M. & Sons, Inc. 4876SM14	Bank Gravel	10	-	-	-	-	-	-	-	-	-	0	0	0	
Union City Sand & Gravel, Inc. 25820303	Glacial	40	-	-	-	-	-	-	-	-	-	0	0	0	
3075SM15	Glacial	10	-	-	-	-	-	-	-	-	-	0	0	0	
4878SM1	Glacial	40	-	-	-	-	-	-	-	-	-	0	0	0	
												TOTAL	0	0	0
												COUNTY TOTAL	0	0	0

FAYETTE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used			Other Permis- sible (None)
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	:Ammonium Nitrate	Dynamite		
Commercial Stone Co., Inc. 3372SM24	Loyalhanna LS.	67	-	-	-	-	-	-	-	-	0	0	0
3372SM25	Loyalhanna LS.	67	-	-	-	-	-	-	-	-	0	0	0
											TOTAL		
											0	0	0
Davis, Louis W. 26862304		0	-	-	-	-	-	-	-	-	0	0	0
Davison Sand & Gravel Co. 3372SM22		70	-	-	-	-	-	-	-	-	0	0	0
Fiore, Allan R., Inc. 26810301	Sand & Gravel	15	-	-	-	-	-	-	-	-	0	0	0
Harbison-Walker Refractories 2969BSM24		0	-	-	-	-	-	-	-	-	0	0	0
Laurel Standard Aggregates, Inc. 26800401	Mauch-Chunk-Pocono	120	-	-	-	-	-	-	-	-	0	0	0
Malinzak, Dale L. 26862301	Ashes	5	-	-	-	-	-	-	-	-	0	0	0
Solomon and Davis, Inc. 26862302	Sand	5	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL											0	0	0

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FOREST COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral : or Height Seam Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permis- sible (Name)		
			:Shaft:	Slope	:Drift:	:Lamps Used	:Non-:	:Flame :	:Elec-:	Ammonium Nitrate	Dynamite			
			:Depth:	Length:	Degree:	:Drift:	Gas:	gas:	Open:	Safety:	tric :			
Albert A. Ames, Jr. 27840601	Sand Stone	0	-	-	-	-	-	-	-	-	-	0	0	0
Kuntz General Contracting 4672SM8	Sand & Gravel	15	-	-	-	-	-	-	-	-	-	0	0	0
Tionesta Sand & Gravel, Inc. 27820301	Sand & Gravel	50	-	-	-	-	-	-	-	-	-	0	0	0
4673SM4	Sand & Gravel	50	-	-	-	-	-	-	-	-	-	0	0	0
4678NC4	Sand & Gravel	50	-	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL												0	0	0

FRANKLIN COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)			
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Non-:	:Elec-:	Ammonium Nitrate		Dynamite		
			:Depth:	Length:	Degrees:	Drift:	cus:	cus:	Open:	Safety:	tric :				
Bender, R. A., Inc. 40016	Slate	35	-	-	-	-	-	-	-	-	-	0	0	0	
Chamberlain, Jay E. 6477SM-8	Shale	0	-	-	-	-	-	-	-	-	-	0	0	0	
Fayetteville Contractors, Inc. 6476SM15	Shale	10	-	-	-	-	-	-	-	-	-	0	0	0	
Kahl, John C., Jr.	Slate	8	-	-	-	-	-	-	-	-	-	0	0	0	
Kershner, C. & Son 28830302	Fill & Shale	40	-	-	-	-	-	-	-	-	-	0	0	0	
May & Co., Inc. 28860802	Shale	0	-	-	-	-	-	-	-	-	-	0	0	0	
McCulloch, Robert D. 28840301	Shale	10	-	-	-	-	-	-	-	-	-	0	0	0	
6477SM6	Shale	0	-	-	-	-	-	-	-	-	-	0	0	0	
6477SM7	Shale	12	-	-	-	-	-	-	-	-	-	0	0	0	
												TOTAL	0	0	0
New Enterprise Stone & Lime Co. 5074SM4	Limestone	300	-	-	-	-	-	-	-	-	-	0	0	0	
P & W Excavating, Inc. 1A6477SM1	Shale	0	-	-	-	-	-	-	-	-	-	0	0	0	
28800502	Shale	0	-	-	-	-	-	-	-	-	-	0	0	0	
												TOTAL	0	0	0
R & D Contractors 6476SM13	Shale	6	-	-	-	-	-	-	-	-	-	0	0	0	
Snock's Excavating & Paving 6476SM17	Shale	8	-	-	-	-	-	-	-	-	-	0	0	0	
Starliper, Earl SM 210-2		10	-	-	-	-	-	-	-	-	-	0	0	0	

FRANKLIN COUNTY (Continued)

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)		
			Shaft:	Slope	Drift:	:	Lamps Used	:	:	Ammonium Nitrate	Dynamite			
			Depth:	Length:	Degrees:	Drift:	Gas:	gas:	Flame:	Elec- tric :				
Sunny Hill Development Corp. 301568	Slate	300	-	-	-	-	-	-	-	-	0	0	0	
Timmons, Guy S.	Shale	10	-	-	-	-	-	-	-	-	0	0	0	
Valley Quarries, Inc. 28810304	Quaternary Alvv.	10	-	-	-	-	-	-	-	-	0	0	0	
5074SM1	Stonehenge Os	800	-	-	-	-	-	-	-	-	0	0	0	
5074SM2	Antietam FM	600	-	-	-	-	-	-	-	-	0	0	0	
5074SM3	Quaternary Alvv.	10	-	-	-	-	-	-	-	-	0	0	0	
6477SMB	St. Paul Grp.	0	-	-	-	-	-	-	-	-	0	0	0	
			TOTAL									0	0	0
Walls Bros. 28830301	Shale	10	-	-	-	-	-	-	-	-	0	0	0	
			COUNTY TOTAL									0	0	0

FULTON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening					Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)			
			:Shaft:	Slope	:Drift:	:	:	:Lamps Used	:	:Non-:	:Flame:	:Elec-:		Ammonium Nitrate	Dynamite	
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :					
H. B. Mellott Estate, Inc.																
4273SM1	Tonoloway FM	150	-	-	-	-	-	-	-	-	-	0	0	0		
4273SM1A	Tonoloway FM	150	-	-	-	-	-	-	-	-	-	0	0	0		
4273SM2	Oriskany SS.	30	-	-	-	-	-	-	-	-	-	0	0	0		
4273SM2	Oriskany SS.	30	-	-	-	-	-	-	-	-	-	0	0	0		
6577SM2	Beekmantown Grp.	60	-	-	-	-	-	-	-	-	-	0	0	0		
6577SM2	Beekmantown Grp.	60	-	-	-	-	-	-	-	-	-	0	0	0		
												TOTAL		0	0	0
P & W Excavating, Inc.																
6577SM3	Shale	0	-	-	-	-	-	-	-	-	-	0	0	0		
6577SM3A	Shale	0	-	-	-	-	-	-	-	-	-	0	0	0		
												TOTAL		0	0	0
												COUNTY TOTAL		0	0	0

HUNTINGDON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height Coal, Coal, or Seam Formation	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:Lamps Used	:Non- :Gas-:gas-: :Flame :Elec-: :Open:Safety:tric :	Ammonium Nitrate	Dynamite				
		Inches	:Depth:	Length:	Degrees:	Drift:	ecus:	ecus:					
New Enterprise Stone & Lime Co.													
4273SM8	Keyser-Tonol FM	300	-	-	-	-	-	-	-	-	0	0	0
4274SM26	Bellfonte FM	1000	-	-	-	-	-	-	-	-	0	0	0
4274SM7	Keyser-Tonol FM	300	-	-	-	-	-	-	-	-	0	0	0
										TOTAL	0	0	0
Pennsylvania Glass Sand Corp.													
4275SM20	Oriskany SS.	375	-	-	-	-	-	-	-	-	0	0	0
Warner Company													
4275SM19	Cambro Ordovician	200	-	-	-	-	-	-	-	-	0	0	0
										COUNTY TOTAL	0	0	0

INDIANA COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	Ammonium	Dynamite		
			:Depth:	Length:	Degrees:	Drift:	Gas:	gas:	:Flame	:Elec:	Nitrate		
Jennings Helms Trucking, Inc. 33800320	Sandrock	12	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL											0	0	0

JEFFERSON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	:	Ammonium Nitrate		Dynamite
			:Depth:	Length:	Degrees:	Drift:	Gas:	gas:	Flame:	Elec:			
Glen-Gery Corp. 33800320	Lower Clarion Clay	8	-	-	-	-	-	-	-	-	0	0	0
David P. Glenn 3872SM12	Sandstone	50	-	-	-	-	-	-	-	-	0	0	0
Glover, Daniel 33860810	Shale	0	-	-	-	-	-	-	-	-	0	0	0
Hanely Brick, Inc. 33800120	Lower Clarion Clay	8	-	-	-	-	-	-	-	-	0	0	0
Hanley Brick, Inc. 3379131	Lower Clarion Clay	0	-	-	-	-	-	-	-	-	0	0	0
Quinn, Russell 38A76SM8	Sand & Gravel	20	-	-	-	-	-	-	-	-	0	0	0
The Brockway Clay Co. 38A77SM4	Clay	8	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL											0	0	0

JUNIATA COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height of Seam Inches	Kind of Opening :				Number and Type :			Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:	Ammonium	Dynamite		
			:Depth:	Length:	Degrees:	Drift:	Gas:	gas:	Flame	:Elec:	Nitrate		
Hosler, James H.	Gray Shale	0	-	-	-	-	-	-	-	-	0	0	0
Shearer, Harold J. 34860802	Shale	10	-	-	-	-	-	-	-	-	0	0	0
COUNTY TOTAL											0	0	0