

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	
Bethlehem Mines Corp. 4975SM1	Limestone	720	-	-	-	-	-	-	-	-	-	-	176,000	309,850	1,500
Clapsaddle, Wilson 0179301	Shale	144	-	-	-	-	-	-	-	-	-	-	-	-	-
Genstar Stone Products Co. 1A4974SM1	Limestone	1800	-	-	-	-	-	-	-	-	-	-	-	-	-
1A4974SM2	Shale	3000	-	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL												176,000	309,850	1,500	

ALLEGHENY COUNTY

		Average											
		Mineral	Kind of Opening				Number and Type			Pounds of Explosives Used			
		or	Shaft	Slope	Drift		Lamps	Used					
Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Height of Seam Inches							Ammonium Nitrate	Dynamite	Other Permis- sible (Name)		
			Depth	Length	Degrees	Drift	eous	eous	Open	Safety	tric		
United States Steel Corp. 3473SM15-01-0	Slag		-	-	-	-	-	-	-	-	-	-	

BEAVER COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average	Kind of Opening :										Pounds of Explosives Used		Other Permis- sible (Name)	
		Mineral or Height Coal, Coal, or Geological Formation	Shaft	Slope	Drift	Non-	Gas-gas-	Flame	Elec-	Lamps Used	Open	Safety	tric	Ammonium Nitrate		Dynamite
Darlington Ready Mix Company 3172SM8	Sand & Gravel	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dravo Corp. 04800302	Sand & Gravel	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dravo Corp. 3172SM3	Sand & Gravel	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G. B. Sand Company, Inc. 04801003	Sand & Gravel	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shippingport Sand & Gravel Co. the 3174SM10	Sand & Gravel	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BERKS 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		Nitrate
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
Berks Silica Sand Corporation 7775SM12	Sandstone	1680	-	-	-	-	-	-	-	-	-	-	-	-	
E.J. Breneman, Inc. 7775SM2-01-0	Limestone	1440	-	-	-	-	-	-	-	-	-	85,269	66,663	-	
Dyer Quarry Co. John F 775SM3	Limestone	3600	-	-	-	-	-	-	-	-	-	173,050	306,270	25,020*	
Eastern Industries, Inc. 7774SM1	Limestone	2000	-	-	-	-	-	-	-	-	-	83,000	-	75,700#	
7774SM3	Limestone	200	-	-	-	-	-	-	-	-	-	88,400	-	96,800#	
												TOTAL	171,400	-	172,500
Gabel, Inc. Charles G. 6176SM3	Sandstone	1620	-	-	-	-	-	-	-	-	-	-	-	-	
Glen-Gery Corp. 7775SM6	Clastics	1200	-	-	-	-	-	-	-	-	-	-	-	-	
7775SM9	Clastics	600	-	-	-	-	-	-	-	-	-	-	-	-	
7775SM11	Clastics	1200	-	-	-	-	-	-	-	-	-	-	-	-	
Grings Quarry 7774SM4	Sandstone	240	-	-	-	-	-	-	-	-	-	-	-	-	
Martin Stone Quarries, Inc. 7776SM1-01-1	Sandstone	3501	-	-	-	-	-	-	-	-	-	71,194	17,000	-	
National Gypsum Company 7775SM3	Limestone	600	-	-	-	-	-	-	-	-	-	1,000	895	-	
7775SM4	Limestone	650	-	-	-	-	-	-	-	-	-	48,695	15,935	-	
7775SM10	Limestone	600	-	-	-	-	-	-	-	-	-	83,500	155,353	-	
												TOTAL	133,195	172,183	-
Fottstown Trap Rock Quarries 7773SM1	Clay	1800	-	-	-	-	-	-	-	-	-	24,850	1,146	44,266*	
												COUNTY TOTAL	658,958	563,262	241,786

*Slurries
#Pellite

BLAIR COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Height 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 :				
Eldorado Stone Company 4272NC11	Limestone	1800	-	-	-	-	-	-	-	-	-	-	2,000	50*	
Grannas Bros. Stone & Asphalt Co. 4273SM6A2	Limestone	-	-	-	-	-	-	-	-	-	-	45,000	200	421*	
New Enterprise Stone & Lime Co. 4274SM11	Limestone	1000	-	-	-	-	-	-	-	-	-	512,700	255,272	-	
4274SM28	Limestone	300	-	-	-	-	-	-	-	-	-	-	-	-	
												TOTAL	512,700	255,272	-
Sproul Lime & Stone 3273SM4	Limestone	5100	-	-	-	-	-	-	-	-	-	10,000	1,500	120*	
												COUNTY TOTAL	567,700	258,972	591

*Caps

BRADFORD COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Seam Formation	Average Mineral : or Height Coal, Coal, or of Seam Inches	Kind of Opening :				Number and Type :				Pounds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Non- :gas- :ous:	:Flame :Elec- :ous:	Ammonium Nitrate	Dynamite		
Ralph M. Cook 5076SM2	Sand & Gravel	240	-	-	-	-	-	-	-	-	-	-	-	-
State Aggregates, Inc. 4774SM3	Limestone	140	-	-	-	-	-	-	-	-	-	-	-	-
Wysox Sand & Gravel Inc.	Sand & Gravel	120	-	-	-	-	-	-	-	-	-	-	-	-

BUTLER 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		
Cooper Bros. Inc. 3075SM26	Sand & Gravel	180	-	-	-	-	-	-	-	-	-	-	-	-
Cooper & Son Inc. H.W. 3075SM6	Sand & Gravel	180	-	-	-	-	-	-	-	-	-	-	-	-

CAMBRIA 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
B & Y Sand & Gravel 11810325-01-0	Sandstone	360	-	-	-	-	-	-	-	-	-	-	-
Bender Coal Co., E.P. 1179105	Clay	48	-	-	-	-	-	-	-	-	-	1,158	-
COUNTY TOTAL										-	1,158	-	

CARBON 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
			: Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Alliance Sand Co. 7373SM2	Sandstone	960	-	-	-	-	-	-	-	-	-	-	-	-
Refractory Sand Co., Inc. 7373SM3	Sandstone	600	-	-	-	-	-	-	-	-	-	45,700	499	-
Smith, J.E. 5878SM3	Shale	300	-	-	-	-	-	-	-	-	-	-	-	-
7373SM1	Sand & Gravel	180	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL												45,700	499	-

CENTRE 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:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Herbert R. Imbt Inc. 4775SM18-01-1	Limestone	1080	-	-	-	-	-	-	-	-	-	170,200	32,210	865*
Marblehead Lime Company 14810401	Limestone	900	-	-	-	-	-	-	-	-	-	178,850	51,750	-
Martin Marietta Corporation 4777SM3	Limestone	2580	-	-	-	-	-	-	-	-	-	113,145	73,800	1,138*
Neidigh Bros. Limestone Co. Inc. 4775SM10	Limestone	1800	-	-	-	-	-	-	-	-	-	55,750	28,551	-
Warner Company 1479401	Limestone	840	-	-	-	-	-	-	-	-	-	88,535	7,489	1,472*
COUNTY TOTAL												606,480	193,800	3,475*

*Caps

CHESTER COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Seam Formation	Average Mineral or Height	Kind of Opening										Number and Type		Founds of Explosives Used		Other Perms- sible (Name)
			:Shaft:	Slope	:Drift:	:	:	:	:Non-:	:	:	:	:Lamps Used	:	:Ammonium	Dynamite	
		Inches	:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric	:	Nitrate				
General Crushed Stone Co. The 8173SM1	Limestone	2,400	-	-	-	-	-	-	-	-	-	-	483,885	7,647	116,670*		
Company requested to remain anonymous	Limestone	1,000	-	-	-	-	-	-	-	-	-	-	211,400	-	-		
McAvoy Vitrified Brick Co. 8176SM11	Limestone	216	-	-	-	-	-	-	-	-	-	-	3,908	-	-		
Valley Forge Stone Co. 6276SM4	Limestone	1,680	-	-	-	-	-	-	-	-	-	-	25,200	350	201#		
Warner Company 8175SM3	Limestone	2,160	-	-	-	-	-	-	-	-	-	-	138,825	21,315	143,835*		
Welsh Mountain Building Stone, Inc. 15810401	Limestone	600	-	-	-	-	-	-	-	-	-	-	-	-	-		
Wise, C. Mark 1579601	Limestone	-	-	-	-	-	-	-	-	-	-	-	-	161	-		
COUNTY TOTAL													<u>863,218</u>	<u>29,473</u>	<u>260,706</u>		

* Slurry
Primers

CLINTON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral : or : Height : Coal, Coal, or Geological Seam : Formation Inches	Kind of Opening :				Number and Type :				Founds of Explosives Used		Other Permis- sible (Name)	
			:Shaft:	Slope	:Drift:	:	:Lamps Used	:	:Non-:	:	:Flame	:Elec-:		Ammonium Nitrate
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :			
Fink & Stackhouse, Inc. 4673SM5	Limestone	84	-	-	-	-	-	-	-	-	-	3,000	250	-
Harbison Walker Refractories 4675SM19	Limestone	30	-	-	-	-	-	-	-	-	-	90,000	10,050	-
Lycoming Silica Sand Co. 4775SM14	Sandstone	12000	-	-	-	-	-	-	-	-	-	73,150	450	-
Mill Hall Clay Products, Inc. 4776SM5	Shale	600	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL												166,150	10,750	-

COLUMBIA 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			
Bloomsburg Sand & Gravel Co., inc. 6375SM2	Sand/Gravel	3,600	-	-	-	-	-	-	-	-	-	-	-	-
Columbia Asphalt Corp. 19310002	Sandstone	-	-	-	-	-	-	-	-	-	-	-	-	-
Lycoming Silica Sand Co. 6373SM1	Sandstone	3,000	-	-	-	-	-	-	-	-	-	65,800	-	-
									COUNTY TOTAL			65,800	-	-

CRAWFORD COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Formation	Average Mineral or Height Inches	Kind of Opening :			Number and Type :			Founds of Explosives Used		Other Permis- sible (Name)			
			:Shaft:	Slope	:Drift:	:Lamps Used	:Non-:	:Flame	:Elec-:	Ammonium Nitrate		Dynamite		
Name of Non- Coal, Coal, or Geological Seam	of	Height Inches	:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate	Dynamite	(Name)
Arendash, Joseph 3075SM14	Sand & Gravel	180	-	-	-	-	-	-	-	-	-	-	-	-
Atlas Sand & Gravel, Inc. 4876SM2	Sand & Gravel	240	-	-	-	-	-	-	-	-	-	-	-	-
Conneaut Lake Sand & Gravel 3076SM4	Sand & Gravel	360	-	-	-	-	-	-	-	-	-	-	-	-
Dunn Coast Co., W.L. 4876SM4	Sand & Gravel	240	-	-	-	-	-	-	-	-	-	-	-	-
Edinboro Gravel Co. 4877SM13	Sand & Gravel	360	-	-	-	-	-	-	-	-	-	-	-	-
4878NC3	Sand & Gravel	180	-	-	-	-	-	-	-	-	-	-	-	-
Foust, Virgil 3076SM8	Sand & Gravel	300	-	-	-	-	-	-	-	-	-	-	-	-
4878NC7	Sand & Gravel	300	-	-	-	-	-	-	-	-	-	-	-	-
Glover, L.R. 20800302	Sand & Gravel	300	-	-	-	-	-	-	-	-	-	-	-	-
Hasbrouck Sand & Gravel 3075SM16	Sand & Gravel	720	-	-	-	-	-	-	-	-	-	-	-	-
Meadville Ready Mix 4876SM15	Sand & Gravel	240	-	-	-	-	-	-	-	-	-	-	-	-
4876SM16	Sand & Gravel	480	-	-	-	-	-	-	-	-	-	-	-	-
4876SM17	Sand & Gravel	300	-	-	-	-	-	-	-	-	-	-	-	-
Northwest Gravel Co. 2082035	Sand & Gravel	120	-	-	-	-	-	-	-	-	-	-	-	-
Watson, Robert E. & Ruth Ann 20820304	Shale	240	-	-	-	-	-	-	-	-	-	-	-	-
Wilson Sandstone Aggregates 20810301	Sandstone	360	-	-	-	-	-	-	-	-	-	-	-	-
Wood & Barco 4876SM3	Sand & Gravel	144	-	-	-	-	-	-	-	-	-	-	-	-
4877SM3	Sand & Gravel	180	-	-	-	-	-	-	-	-	-	-	-	-
4877SM5	Sand & Gravel	120	-	-	-	-	-	-	-	-	-	-	-	-
Wood Gravel Co. 20820301	Shale	120	-	-	-	-	-	-	-	-	-	-	-	-

CUMBERLAND 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 :				
Bender & Son R. A. 7574SM5	Antietam	1200	-	-	-	-	-	-	-	-	-	14,500	4,586	-	
Hempt Bros., Inc. 7573SSM1-01-1	Clay	720	-	-	-	-	-	-	-	-	-	-	-	-	
7574SM2	Limestone	720	-	-	-	-	-	-	-	-	-	13,700	26,925	31,955	
												TOTAL	13,700	26,925	31,955
Kough Sons, E. E. 6476SM9	Shale	-	-	-	-	-	-	-	-	-	-	-	-	-	
Locust Point Quarries, Inc. 7575SM1	Limestone	432	-	-	-	-	-	-	-	-	-	5,800	5,865	-	
Minich & Sons, N.L. 6476SM12	Slate	144	-	-	-	-	-	-	-	-	-	-	60	-	
Pennsy Supply, Inc. 7574SM1	Limestone	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rimac, Inc. 7574SM9	Clay	3000	-	-	-	-	-	-	-	-	-	-	-	-	
Snoke's Excavating & Paving 6478NC1	Shale	240	-	-	-	-	-	-	-	-	-	-	-	-	
Union Quarries, Inc. 6476SM6	Limestone	1200	-	-	-	-	-	-	-	-	-	40,050	127,678	-	
Valley Quarries, Inc. 7574SM6	Limestone	600	-	-	-	-	-	-	-	-	-	30,000	35,545	-	
Walter Excavating Inc., John F. 6476SM10	Slate	120	-	-	-	-	-	-	-	-	-	-	-	-	
6477SM4	Slate	120	-	-	-	-	-	-	-	-	-	-	-	-	
												COUNTY TOTAL	104,050	200,659	31,955

437

DELAWARE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Formation	Average Mineral or Height	Kind of Opening					Number and Type			Pounds of Explosives Used		Other Permis- sible (Name)
			:Shaft:	Slope	:Drift:	: : :	: : :	:Lamps Used	: : :	: : :	Ammonium Nitrate	Dynamite	
Name of Non- Coal, Coal, or Geological Formation	Seam Inches	: : :	: : :	: : :	: : :	:Gas-:gas-:	:Flame	:Elec-:	: : :	: : :	: : :	: : :	
General Crushed Stone Co., The 5273SM2	Limestone	364	-	-	-	-	-	-	-	-	286,290	-	-
Media Quarry 5273NC3	Limestone	-	-	-	-	-	-	-	-	-	-	700	-
COUNTY TOTAL											286,290	700	

ERIE COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Geological Formation	Name of Non- Coal, Coal, or Seam	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 :			
Arendash, Joseph 4877SM2	Sand & Gravel		144	-	-	-	-	-	-	-	-	-	-	-
Bedrock Sand & Gravel, Inc. 2579302	Sand & Gravel		480	-	-	-	-	-	-	-	-	-	-	-
Central Sand & Gravel 3174SM4	Sand & Gravel		-	-	-	-	-	-	-	-	-	-	-	-
Edinboro Gravel Co. 4876SM10	Sand & Gravel		300	-	-	-	-	-	-	-	-	-	-	-
Erie Aggregates 3173SM11	Sand & Gravel		480	-	-	-	-	-	-	-	-	-	-	-
Fairchild, Ray 4878NC6	Sand & Gravel		96	-	-	-	-	-	-	-	-	-	-	-
Feagley Gravel Co. 4878NC2	Sand & Gravel		144	-	-	-	-	-	-	-	-	-	-	-
Ganzer Sand & Gravel, Inc. 3076SM2	Sand & Gravel		240	-	-	-	-	-	-	-	-	-	-	-
Girts, David 25800303	Sand & Gravel		360	-	-	-	-	-	-	-	-	-	-	-
Grubbs, Elwood M. 3174SM2	Sand & Gravel		264	-	-	-	-	-	-	-	-	-	-	-
Hollis, John W. 4876SM19	Sand & Gravel		180	-	-	-	-	-	-	-	-	-	-	-
McCormick Materials 4877SM9	Sand & Gravel		-	-	-	-	-	-	-	-	-	-	-	-
Maybro Asphalt Co. 3076SM11	Sand & Gravel		-	-	-	-	-	-	-	-	-	-	-	-
4876SM6	Sand & Gravel		-	-	-	-	-	-	-	-	-	-	-	-
Niemeyer, Rodger F. 25810301	Sand & Gravel		300	-	-	-	-	-	-	-	-	-	-	-
Northwest Gravel Co. 4876SM8	Sand & Gravel		216	-	-	-	-	-	-	-	-	-	-	-
Pfadt, John F. 25820302	Sand & Gravel		480	-	-	-	-	-	-	-	-	-	-	-

440

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	Dynamite		
			:Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric:	Nitrate		
Richter, William & Eileen 25800301	Sand & Gravel	180	-	-	-	-	-	-	-	-	-	-	-	-
Sibleyville Land & Gravel Co. 25800306	Sand & Gravel	-	-	-	-	-	-	-	-	-	-	-	-	-
Tancho & Sons Inc., Joseph M. 4876SM14	Sand & Gravel	120	-	-	-	-	-	-	-	-	-	-	-	-
Union City Sand & Gravel, Inc. 3075SM15	Sand & Gravel	240	-	-	-	-	-	-	-	-	-	-	-	-
4878SM1	Sand & Gravel	480	-	-	-	-	-	-	-	-	-	-	-	-
Waterford Sand & Gravel 4876SM13	Sand & Gravel	144	-	-	-	-	-	-	-	-	-	-	-	-
West Ridge Gravel & Sand 3075SM14	Sand & Gravel	96	-	-	-	-	-	-	-	-	-	-	-	-

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 (Name)			
			: Shaft:	Slope	: Drift:	:	: Lamps Used	:	:	:	Ammonium Nitrate		Dynamite		
			: Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :				
Commercial Stone Co., Inc. 3272SM25	Limestone	804	-	-	-	-	-	-	-	-	-	1,606,720	13,850	-	
Piore, Inc. Allan R. 26810301	Sand & Gravel	300	-	-	-	-	-	-	-	-	-	-	-	-	
												COUNTY TOTAL	1,606,720	13,850	-

FOREST 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:	Gas-:gas-:	Open:	Safety:	tric :		
Kuntz, Jack 4672SM8	Sand & Gravel	120	-	-	-	-	-	-	-	-	-	-
Tionseta Sand & Gravel, Inc. 4878NC4	Sand & Gravel	600	-	-	-	-	-	-	-	-	-	-

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 :	: : :	: : :	: : :	: Ammonium Nitrate :		: Dynamite :
			: Depth :	: Length :	: Degrees :	: Drift :	: eous :	: eous :	: Open :	: Safety :	: Elec- tric :			
Brake Co., Inc., Charles E. 2879303	Shale	180	-	-	-	-	-	-	-	-	-	-	-	-
6476SM21	Shale	180	-	-	-	-	-	-	-	-	-	-	-	-
Chamberlin, Jay E. 6477SM8	Shale	-	-	-	-	-	-	-	-	-	-	-	-	-
Crouse Bros. 6476SM8	Shale	240	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville Contractors, Inc. 301487	Shale	120	-	-	-	-	-	-	-	-	-	-	-	-
Grove Manufacturing Co. 6476SM5010	Shale	60	-	-	-	-	-	-	-	-	-	-	-	-
Gsell, Fulton L. 6478NC4	Shale	-	-	-	-	-	-	-	-	-	-	-	-	-
McCulloh, Robert D. 6477SM7	Shale	120	-	-	-	-	-	-	-	-	-	-	-	-
Montgomery Township M-21	Slate	120	-	-	-	-	-	-	-	-	-	-	-	-
Mt. Cydonia Sand 5074SM2	Sandstone	600	-	-	-	-	-	-	-	-	-	9,600	-	-
5074SM3	Sand & Gravel	600	-	-	-	-	-	-	-	-	-	-	-	-
												Total	9,600	-
New Enterprise Stone & Lime Co. 5074SMA	Limestone	1,080	-	-	-	-	-	-	-	-	-	-	-	-
5074SM4	Limestone	3,600	-	-	-	-	-	-	-	-	-	22,500	3,740	393*
												Total	22,500	3,740
P & W Excavating, Inc. 1A6477SM1	Shale	-	-	-	-	-	-	-	-	-	-	-	-	-
Snoke's Excavating & Paving, Inc. 646SM17	Shale	96	-	-	-	-	-	-	-	-	-	-	-	-
Valley Quarries, Inc. 5074SM1	Limestone	600	-	-	-	-	-	-	-	-	-	102,350	79,640	-
												COUNTY TOTAL	134,450	83,380
														393

* Caps

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-:	:	Ammonium		Dynamite	
			: Depth:	Length:	Degrees:	Drift:	eous:	eous:	Open:	Safety:	tric :	Nitrate		
H. B. Mellott Estates, Inc. 52735MIA	Limestone	900	-	-	-	-	-	-	-	-	-	-	76,779	-
P & W Excavating, Inc. 6577SM3A	Shale	-	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL												76,779	-	

GREEN 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)
		Mineral	Shaft	Slope	Drift	Lamps Used	Open	Safety	tric	Nitrate	Dynamite	
	Height of Seam Inches					Non-			Ammonium			
			Depth	Length	Degrees	Gas	Gas	Flame	Elec			
Erie Aggregates 3173SM11	Sand & Gravel	480	-	-	-	-	-	-	-	-	-	-

HUNTINGDON COUNTY

Operators and Mines/ or Mine Drainage Permit No.	Name of Non- Coal, Coal, or Geological Formation	Average Mineral or Height	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				
Narehead Limestone, Inc. 4275SM14	Limestone	1800	-	-	-	-	-	-	-	-	-	127,975	-	62,135#	
New Enterprise Stone & Lime Co. Inc. 4274SM7	Limestone	3600	-	-	-	-	-	-	-	-	-	15,575	9,036	-	
4274SM26	Limestone	12000	-	-	-	-	-	-	-	-	-	16,950	10,132	-	
												TOTAL	32,525	19,168	-
Company requested to remain anonymous Warner Company 4275SM19	Sandstone	3600	-	-	-	-	-	-	-	-	-	316,600	40,800	235,396	
	Sandstone	2400	-	-	-	-	-	-	-	-	-	94,000	20,200	70*	
												COUNTY TOTAL	571,100	80,168	297,601

Primers

* Caps

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:	: : :Non-:	: : :Flame :	: : :Elec-:	Ammonium Nitrate	Dynamite			
Brockway Clay Co., The 3873SM5	Clay	96	-	-	-	-	-	-	-	-	-	-	-
Colt Resources, Inc. 3379130	Clay	120	-	-	-	-	-	-	-	-	-	-	-
Glenn, David P. 3872SM12	Sandstone	480	-	-	-	-	-	-	-	-	-	-	-
Hanley Brick Co. 33800120	Clay	120	-	-	-	-	-	-	-	-	-	-	-
Quinn, Russell 38A76SM8	Sand & Gravel	144	-	-	-	-	-	-	-	-	-	-	-

LACKAWANNA 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			
Eureka Stone Quarry Inc. 5975SM3	Limestone	-	-	-	-	-	-	-	-	-	-	-	-	-
Jackson Crushed Stone, Inc. 5974SM1	Limestone	360	-	-	-	-	-	-	-	-	-	34,350	3,600	-
COUNTY TOTAL												34,350	3,600	-