



Open-File Mineral Resource Report 15–01.1

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# **DIRECTORY OF NONFUEL-MINERAL PRODUCERS IN PENNSYLVANIA**

compiled by

**John H. Barnes**

Pennsylvania Geological Survey

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PENNSYLVANIA GEOLOGICAL SURVEY

FOURTH SERIES

HARRISBURG

**2015**

## Preface

This report is the most recent update of a series of directories that date back to 1965. It is a compilation of information about the availability of nonfuel-mineral commodities that are mined in Pennsylvania. These are commodities that are used for construction materials, for improving agricultural production, and as raw materials for many kinds of manufactured products, including bricks, pottery, and carved monuments. Such products have been important in Pennsylvania for many centuries, from the earliest crafting of pottery and other objects by the Native American population through William Penn's instruction to the earliest settlers of Philadelphia to build their homes of brick for fire resistance. As of 2011, Pennsylvania's nonfuel-mineral industry had a total value of \$1.60 billion, ranking 13th in the nation (U.S. Geological Survey, 2015).

The primary purpose of this directory is to provide a current listing of Pennsylvania's nonfuel-mineral producers so that individuals searching for a specific product can readily identify the closest appropriate sources. The identification of the geologic formations being mined should assist the knowledgeable reader in forming a general characterization of the physical and chemical properties of the mineral products and can serve as a guide

to the potential for additional undeveloped resources. Those potential resources should be considered in land-use planning.

This compilation was assembled with the assistance and cooperation of the state's mineral producers, many of whom responded to questionnaires that were sent to them in the summer of 2015. This is not a complete listing of all nonfuel-mineral extraction operations in Pennsylvania because it includes only those run by companies that returned questionnaires and agreed to be listed. The directory includes contact information for each company, the names and locations of their operations, the geologic formations that they are mining, and information that the companies provided about the products that they sell. Selected references have been included in some listings as an aid to obtaining additional geologic information.

The directory is organized alphabetically by commodity category, lithology being mined, county where operation is located, and the name of the producer. In addition to this tabular listing, the location of the operations can be viewed and the related information can be accessed using an interactive mapping application on the Pennsylvania Department of Conservation and Natural Resources website at <http://maps.dcnr.pa.gov/topo/quarries/>.

*Latitude and longitude coordinates are in North American Datum 1983.*

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*OFMR 15–01.1 is a modification of OFMR 15–01.0. It includes an update to the mapping application link, corrections to the Martin Shale Pit listings under Aggregate, and corrections to the locations of the following operations:*

Furman Pit Quarries	Martin Shale Pit No. 7
Gap Mine	Mayberry Sand & Gravel Mine
Hazleton Materials/ Eckley Operation	Pikes Creek Asphalt & Crushed Stone
Maguire Quarry	Pittston West Quarry
	Werner Mine

**Suggested citation:** Barnes, J. H., compiler, 2015, Directory of nonfuel-mineral producers in Pennsylvania: Pennsylvania Geological Survey, 4th ser., Open-File Report OFMR 15–01.1, 152 p. [Available online.]

*This report has not undergone external peer review.*

**Directory of Nonfuel Mineral Producers in Pennsylvania**

John H. Barnes, compiler

**2015**

Name	Type of Operation	Formation 1	Comments
Office Address	Name of Operation	Lithology 1	
City	Quadrangle	Formation 2	
Office Phone	Latitude	Lithology 2	
Web Address	Longitude		

**AGGREGATE****ARGILLITE***Bucks County*

H & K Group, Inc.  
PO Box 196  
Skipack, PA 19474-0196  
(610) 584-8500 (215) 257-5188  
<http://www.hkgroup.com>

quarry  
Blooming Glen Quarry  
Doylestown  
40°21'56"N  
75°13'59"W

Lockatong  
argillite

**DOLOMITE***Centre County*

Hanson Aggregates Pennsylvania, LLC.  
7660 Imperial Way  
Allentown, PA 18195-1040  
(610) 366-4600

quarry  
Black Hawk Quarry  
Centre Hall  
40°48'49"N  
77°44'05"W

Bellefonte  
dolomite

*Franklin County*

George, D.L., & Sons Construction Company  
20 East 6th Street  
Waynesboro, PA 17268-9418  
(717) 765-4700

quarry  
Gap Mine  
Waynesboro  
39°47'46"N  
77°32'05"W

Tomstown  
dolomite

Geology from Root (1968).

*Northampton County*

Chrin Brothers, Inc.  
635 Industrial Drive  
Easton, PA 18042-7339  
(610) 258-8737  
<http://www.chrin.org/>

quarry  
Island Park Road Quarry  
Nazareth  
40°38'43"N  
75°15'42"W

Leithsville  
dolomite

Geology according to Berg and Dodge (1981).

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### AGGREGATE (cont.)

#### GNEISS

##### *Berks County*

Martin Stone Quarries, Inc.  
1355 North Reading Avenue  
Bechtelsville, PA 19505-0297  
(610) 367-2011 (810) 845-7260  
<http://martinstone.com>

quarry  
Gabel Quarry  
Manatawny  
40°22'56"N  
75°37'45"W

Pochuck  
gneiss

#### GRAVEL

##### *Crawford County*

Wienczek, Joseph M.  
551 Maple St.  
Marine City, MI 48039-3446  
(810) 765-1268 (810) 335-0110

quarry  
Wienczek Gravel Pit #1  
Linesville  
41°41'07"N  
80°25'21"W

Quaternary  
gravel

Selling bank gravel wholesale only.

##### *Erie County*

Law, Todd.  
7422 Turner Road  
Union City, PA 16438  
(814) 722-2462

Open pit  
Acme Gravel Products  
Hammett  
42°01'54"N  
79°54'15"W

Quaternary  
gravel

Bank gravel.

##### *Jefferson County*

Coolspring Sand & Gravel Co., Inc.  
PO Box 243  
Dubois, PA 15801-0249  
(814) 541-1760 (814) 849-4595

dredge  
Coolspring Sand & Gravel  
Coolspring  
41°02'46"N  
79°05'20"W

Quaternary  
gravel

##### *Tioga County*

Cross, Chad E.  
13216 Route 6  
Mansfield, PA 16933  
(570) 549-3234 (570) 827-0358

open pit  
Kilmer Quarry  
Jackson Summit  
41°58'13"N  
77°06'35"W

Quaternary  
gravel

2A, 1B, 2B, 2RC. Probably alluvium or glacial outwash

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### AGGREGATE (cont.)

#### GRAVEL (cont.)

##### *Warren County*

Jackson, William D. 4034 Oil Creek Road Spartansburg, PA 16434-5230 (814) 663-0030	quarry Jackson Gravel Products Spring Creek 41°50'23"N 79°34'31"W	Quaternary gravel
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#### LIMESTONE

##### *Armstrong County*

M & M Lime Company 215 Nichola Road Worthington, PA 16262-4303 (724) 297-3958	underground mine Mine 5 Worthington 40°51'58"N 79°41'23"W	Vanport limestone	See O'Neill (1964, 1974) for general geologic descriptions.
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##### *Centre County*

Graymont PA., Inc. 965 East College Avenue Bellefonte, PA 16823-6823 (814) 355-4761 <a href="http://www.graymont.com">http://www.graymont.com</a>	quarry Gentzel Mingoville 40°53'32"N 77°42'00"W	Centre Hall limestone Rodman limestone	See Berkheiser and Smith (1995).
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##### *Fayette County*

Amerikohl Aggregates, Inc. 202 Sunset Drive Butler, PA 16001-1334 (724) 282-2339	quarry Jim Mountain Quarry Mill Run 39°57'36"N 79°23'01"W	Loyalhanna limestone
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##### *Huntingdon County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Canoe Valley Aggregate Plant #16 Spruce Creek 40°33'19"N 78°10'38"W	Linden Hall limestone Salona limestone	PennDOT approved products (Type A, SRL L).
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### AGGREGATE (cont.)

#### LIMESTONE (cont.)

##### *Lawrence County*

Beyond Corp. LLC. 2905 Hillsville Rd. Edinburg, PA 16116-3409 (724) 657-7584 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	open pit Beyond Corp. Edinburg 41°02'33"N 80°28'09"W	Allegheny limestone	
East Fairfield Coal Co. 10900 South Avenue North Lima, OH 44452-9792 (330) 549-2165 (330) 542-1010	open pit Raushel Mine New Middletown 40°54'50"N 80°30'33"W	Vanport limestone	

##### *Somerset County*

Garrett Limestone Co., Inc. 451 Stoystown Road Somerset, PA 15501-6927 (814) 445-1010 (814) 926-2901	quarry Romesburg Quarry Murdock 39°53'04"N 79°05'30"W	Loyalhanna limestone	
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#### QUARTZITE

##### *Chester County*

Atglen Quarry, Inc. 22 Wildwood Dr Malvern, PA 19355-2937 (484) 614-7424 <a href="http://www.martinlimestone.com/">http://www.martinlimestone.com/</a>	quarry Atglen Quarry Parkesburg 39°57'25"N 75°58'14"W	Chickies quartzite	
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#### SAND

##### *Erie County*

Troyer Sand & Gravel, Ltd. 13021 Flatt Road Waterford, PA 16441-2809 (814) 796-2641 <a href="mailto:rgtroyer@verizon.net">rgtroyer@verizon.net</a>	quarry Troyer Quarry Waterford 41°54'25"N 79°56'14"W	Quaternary sand	Bituminous sand.
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### AGGREGATE (cont.)

#### SAND AND GRAVEL

##### *Beaver County*

Georgetown Sand & Gravel, Inc. PO Box 127 Georgetown, PA 15043-0127 (724) 573-9518	quarry Georgetown Mine Midland 40°38'32"N 80°29'23"W	Quaternary sand and gravel	Alluvial deposit, glacial material.
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##### *Bradford County*

Gerould, Jesse 1829 Gee Road Gillett, PA 16925-8962 (570) 596-7811	quarry Gerould Excavating Gravel Pit Bentley Creek 41°58'44"N 76°43'51"W	Quaternary sand and gravel	
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Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (570) 673-8846 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	open pit Canton Aggregate Plant #21 Canton 41°38'48"N 76°52'12"W	Quaternary sand and gravel	PennDOT approved products (Type C).
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##### *Clearfield County*

North Star Aggregates, Inc. PO Box R Ridgway, PA 15853-0319 (814) 637-5599 <a href="http://northstaraggregates.com">http://northstaraggregates.com</a>	open pit Penfield Penfield 41°12'58"N 78°33'50"W	Quaternary sand and gravel	Bank-run. Mining Quaternary alluvium.
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##### *Columbia County*

Sokol, Inc. P. O. Box 366 Bloomsburg, PA 17815-0366 (570) 784-4411 (570) 925-5993	open pit Stillwater Benton 41°08'44"N 76°22'34"W	Quaternary sand and gravel	
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##### *Crawford County*

Barnhart, Sam H., & Son 41520 Diamond Street Titusville, PA 16354-3704 (814) 827-6031	quarry Barnhart Gravel 2 Mine Titusville North 41°41'09"N 79°44'09"W	Quaternary sand and gravel	
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**AGGREGATE (cont.)**  
**SAND AND GRAVEL (cont.)**  
*Crawford County (cont.)*

Pikula, Del A. 1900 Myer Ave. McKeesport, PA 15133 (724) 309-1003 <a href="mailto:del@ccasolutions.com">del@ccasolutions.com</a>	open pit Pikula #1 Edinboro South 41°50'03"N 80°14'46"W	Quaternary sand and gravel	
Waterford Sand & Gravel Co. 15871 Sturgis Road Union City, PA 16438-8541 (814) 796-6250	open pit Ballogg Mine Lake Canadohta 41°47'15"N 79°49'00"W	Quaternary sand and gravel	Washed stone products.
Watson, Robert E. and Ruth Ann 38881 Armstrong Road Centerville, PA 16404-4815 (814) 967-5250	open pit Watson Centerville 41°43'50"N 79°46'16"W	Quaternary sand and gravel	Crushed. Gravel is mapped as kame and outwash deposits (Shepps and others, 1959).

*Erie County*

ACA Sand & Gravel LLC PO Box 16 Corry, PA 16407-0016 (814) 665-6087	quarry ACA Sand and Gravel Corry 41°53'57"N 79°42'17"W	Quaternary sand and gravel	
Fenton, C.B. 13439 Lovell Road Corry, PA 16407-7715 (814) 663-2161 <a href="mailto:dwarner@worldconnx.net">dwarner@worldconnx.net</a>	quarry Fenton Gravel 1 Mine Corry 41°54'28"N 79°39'54"W	Quaternary sand and gravel	
Fiesler Sand & Gravel LLC. 3853 Knoyle Rd. Erie, PA 16510-4924 (814) 899-9161	quarry Fiesler Sand & Gravel LLC Hammett 42°05'39"N 79°59'07"W	Quaternary sand and gravel	
West Ridge Gravel Co. PO Box 181 Girard, PA 16417-0181 (814) 774-9115	open pit West Ridge Mine Fairview 42°01'24"N 80°17'31"W	Quaternary sand and gravel	



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**AGGREGATE (cont.)**  
**SAND AND GRAVEL (cont.)**  
*McKean County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449      (814) 697-7819 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	open pit Shinglehouse Aggregate Plant #8 Bullis Mills 41°58'39"N 78°12'55"W	Quaternary sand and gravel	PennDOT approved products (Type A, SRL E)
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Wayne Gravel Products 262 Route 44 Shinglehouse, PA 16748-3620 (814) 697-7191 <a href="http://www.wayne-companies.com">http://www.wayne-companies.com</a>	open pit Wayne Gravel Products Bullis Mills 41°59'38"N 78°15'31"W	Quaternary sand and gravel	Glacial deposit.
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*Pike County*

Schmalzle Construction Co., Inc. 109 Alex Road Hawley, PA 18428-9039 (570) 226-9753	quarry Schmalzle Blooming Grove Quarry Rowland 41°24'23"N 75°03'42"W	Quaternary sand and gravel	Various size products.
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*Tioga County*

Jacobson, Terry PO Box 32 Sabinsville, PA 16943-0032 (814) 367-2880	open pit Jam Pit Elkland 41°58'53"N 77°15'28"W	Quaternary sand and gravel	
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*Wayne County*

Wilmot, Robert R., Jr. 253 Goose Pond Road Lake Ariel, PA 18436-5715 (570) 840-2886      (570) 698-6989 <a href="mailto:rrwinc@hotmail.com">rrwinc@hotmail.com</a>	open pit Evergreen Estates Quarry Lakeville 41°24'07"N 75°20'37"W	Quaternary sand and gravel	Sand and gravel.
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**SANDSTONE**  
*Bradford County*

Decristo, Inc. 9070 Route 414 Canton, PA 17724-7537 (570) 364-5251	quarry Leroy Quarry Canton 41°39'29"N 76°45'48"W	Lock Haven sandstone	2RC, R3–R8, 57's, 1B's, AASHTO1
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### AGGREGATE (cont.)

#### SANDSTONE (cont.)

#### *Bradford County (cont.)*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (570) 673-8846 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Canton Aggregate Plant #21 Canton 41°38'48"N 76°52'12"W	Catskill sandstone Lock Haven sandstone	PennDOT approved products (Type C).
Johnson, Jerry L. PO Box 136 LeRaysville, PA 18829 (570) 744-1284 <a href="http://johnsonquarries.com">http://johnsonquarries.com</a>	quarry Johnson Quarries, Inc. Laceyville 41°44'40"N 76°13'30"W	Catskill sandstone	PennDOT approved. Producing aggregate and dimension stone at more than one location.
Johnson, Jerry L. PO Box 136 LeRaysville, PA 18829 (570) 744-1284 <a href="http://johnsonquarries.com">http://johnsonquarries.com</a>	quarry Johnson Quarries, Inc. Wyalusing 41°42'37"N 76°21'50"W	Catskill sandstone	PennDOT approved. Producing aggregate and dimension stone at more than one location.
Johnson, Robert J. 3659 Old Stagecoach Road Wyalusing, PA 18853 (570) 746-1287 (570) 721-2609	quarry Sandt Quarry LeRaysville 41°45'07"N 76°13'59"W	Catskill sandstone	Crushed stone.
Nittany Nova Aggregates LLC 103 Brown Hill Road Wysox, PA 18854 (570) 268-0500	quarry Nittany Nova Rome 41°48'44"N 76°20'19"W	Lock Haven sandstone	Crushed stone, 2A, R6.
T M T Gravel & Contracting, Inc. 8792 Route 549 Millerton, PA 16936 (570) 537-2638 (570) 537-2637	quarry TMT Gravel and Contracting, Inc. Millerton 41°58'04"N 76°55'09"W	Lock Haven sandstone	Crushed stone.

#### *Carbon County*

Pagnotti Enterprises, Inc. 46 Public Square, Ste. 600 Wilkes-Barre, PA 18701-2609 (570) 825-8700 <a href="http://www.jeddocoal.com">http://www.jeddocoal.com</a>	strip mine Wetslope Hazleton 40°55'13"N 75°58'17"W	Llewellyn sandstone	
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Name		Type of Operation	Formation 1	Comments
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### AGGREGATE (cont.)

#### SANDSTONE (cont.)

##### *Clarion County*

Dave's Tilt Bed Service 96 Dave's Storage Lane Clarion, PA 16214-6308 (814) 764-3558 <a href="mailto:davestiltbedandstorage@gmail.com">davestiltbedandstorage@gmail.com</a>	quarry Dave's Tilt Bed Service Strattanville 41°12'06"N 79°20'50"W	Allegheny sandstone	Reported to be excellent for road base or building foundation.
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##### *Clearfield County*

Russell, Cynthia E. 2641 Greenville Pike Grampian, PA 16838 (814) 236-2449	quarry Roaring Run Quarry Curwensville 40°59'53"N 78°33'27"W	Pottsville sandstone	Crushed waste from dimension stone products.
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##### *Clinton County*

Big Woods Land Company PO Box 400 McElhattan, PA 17748-0400 (570) 769-6445	quarry Big Woods Mine Jersey Shore 41°08'25"N 77°19'25"W	Juniata sandstone	Mostly landscape stone. Geology according to Berg and Dodge (1981).
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##### *Elk County*

North Star Aggregates, Inc. PO Box R Ridgway, PA 15853-0319 (814) 637-5599 <a href="http://northstaraggregates.com">http://northstaraggregates.com</a>	quarry Montmorenci Ridgway 41°29'40"N 78°44'00"W	Allegheny sandstone	
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North Star Aggregates, Inc. PO Box R Ridgway, PA 15853-0319 (814) 637-5599 (814) 265-0318 <a href="http://northstaraggregates.com">http://northstaraggregates.com</a>	quarry Oyster Run Mine Brandy Camp 41°17'26"N 78°42'10"W	Glenshaw sandstone	
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##### *Greene County*

Fayette Coal & Coke, Inc. 195 Enterprise Lane Connellsville, PA 15425-6617 (724) 628-8408 (724) 970-1038 <a href="http://www.shallenbergerconstruction.com">http://www.shallenbergerconstruction.com</a>	quarry Paisley (Kovach) Quarry Masontown 39°51'41"N 79°58'40"W	Waynesburg sandstone	
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### AGGREGATE (cont.)

#### SANDSTONE (cont.)

##### *Indiana County*

Britt Energies, Inc. 57 S Ninth St., #3 Indiana, PA 15701-2602 (724) 465-9333	(724) 479-2006	quarry Kinkead Aggregates LLC Indiana 40°32'35"N 79°07'35"W	Allegheny sandstone	Appears to be mining near the contact of the Glenshaw and Allegheny.
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##### *Jefferson County*

Coolspring Sand & Gravel Co., Inc. PO Box 243 Dubois, PA 15801-0249 (814) 541-3740	(814) 849-4595	quarry Alcorn Shale Mine Coolspring 41°03'16"N 79°06'03"W	Glenshaw sandstone	Geology according to Berg and Dodge (1981).
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##### *Luzerne County*

Brdaric Excavating, Inc. 913 Miller Street Luzerne, PA 18709-1131 (570) 287-7279	(570) 287-2766	quarry Buck Mountain Quarry Kingston 41°17'54"N 75°53'49"W	Llewellyn sandstone	Crushed stone. Geology according to Berg and Dodge (1981).
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Pagnotti Enterprises, Inc. 46 Public Square, Ste. 600 Wilkes-Barre, PA 18701-2609 (570) 825-8700 <a href="http://www.jeddocoal.com">http://www.jeddocoal.com</a>		strip mine Jeddo Basin Operations Hazleton 40°59'16"N 75°55'07"W	Llewellyn sandstone	
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Susquehanna Coal Co. 76 Main Road Glen Lyon, PA 18617 (570) 825-8700 <a href="http://www.jeddocoal.com">http://www.jeddocoal.com</a>		strip mine Newport Aggregate, Inc. Nanticoke 41°09'32"N 76°05'01"W	Llewellyn sandstone	PennDOT certified.
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##### *McKean County*

Powell, Richard A. PO Box 252 Kane, PA 16735-3353 (814) 837-8408		quarry Powell Stone Mine Kane 41°40'17"N 78°50'16"W	Pottsville sandstone	Geology according to Berg and Dodge (1981).
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### AGGREGATE (cont.)

#### SANDSTONE (cont.)

##### *Potter County*

Ludwig, James L. 2689 State Route 607 Austin, PA 16720-5927 (814) 642-7896	quarry Ludwig's Quarry Keating Summit 41°41'01"N 78°10'27"W	Catskill sandstone Huntley Mountain sandstone	Catskill and Huntley Mountain sandstones are both exposed in this area.
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##### *Susquehanna County*

Wheaton, Eric 1021 Lake Ave. Montrose, PA 18801-8648 (570) 267-4435	quarry Wheaton Quarry Auburn Center 41°42'49"N 76°06'21"W	Catskill sandstone	Crushed stone.
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##### *Tioga County*

Atlas Land & Royalty, Inc. 2 Village Dr., Ste. 207 Abilene, TX 79606-8206 (325) 690-6300 (325) 428-0552	quarry Atlas Oilfield Construction Tioga 41°58'54"N 77°07'54"W	Lock Haven sandstone	Reported nearby to be fine-grained sandstone having fossiliferous beds (Kochanov, 2013).
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Cross, Chad E. 13216 Route 6 Mansfield, PA 16933 (570) 549-3234	open pit Hemlock Hill Mansfield 41°46'23"N 77°00'31"W	Lock Haven sandstone	Crushed 2RC, 2A, 2B, 1B, 3B.
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##### *Venango County*

Cooperstown Sand and Gravel PO Box 4 Cooperstown, PA 16317-0004 (814) 432-3448 <a href="http://sandgravelandconcrete.com">http://sandgravelandconcrete.com</a>	open pit Miller Mine Franklin 41°28'38"N 79°51'39"W	Pottsville sandstone	Geology according to Berg and Dodge (1981).
Guiste, William A., Excavating 4142 State Route 208 Emlenton, PA 16373-6424 (814) 385-6833 (814) 758-2069	quarry Coblentz 1 Mine Barkeyville 41°13'13"N 79°53'16"W	Allegheny sandstone	Crushed stone.

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<b>AGGREGATE (cont.)</b>			
<b>SANDSTONE (cont.)</b>			
<i>Venango County (cont.)</i>			
Guiste, William A., Excavating 4142 State Route 208 Emlenton, PA 16373-6424 (814) 385-6833      (814) 758-2069	quarry Sallew Mine Barkeyville 41°13'17"N 79°54'04"W	Allegheny sandstone	Crushed stone.
Klapec, Joe, & Son, Inc. 218 State Route 428 Oil City, PA 16301-4728 (814) 677-9563 <a href="http://www.klapecexcavating.com">http://www.klapecexcavating.com</a>	quarry Tower Mine Oil City 41°26'24"N 79°43'49"W	Connoquenessing sandstone	Geology from Ward and others (1979).
Manross, Gerald L. 501 Rockland Cranberry Road Kennerdell, PA 16374-5421 (814) 720-0096	quarry Manross Mine Cranberry 41°17'25"N 79°44'35"W	Allegheny sandstone	
<i>Washington County</i>			
Boyle, Arthur J. 234 Baywood Lane Laughlintown, PA 15655-0400 (724) 238-4662      (412) 708-5315	quarry Mon River Aggregates Mather 39°59'17"N 80°01'02"W	Waynesburg sandstone	
<i>Wayne County</i>			
MBK Associates, LLC PO Box 103 Equinunk, PA 18417-0103 (607) 637-5222      (570) 224-4320	quarry Equinunk Quarry Long Eddy 41°51'38"N 75°14'43"W	Catskill sandstone Catskill shale	
<i>Westmoreland County</i>			
Ligonier Stone & Lime Co. 117 Marcia St. Latrobe, PA 15650-4300 (724) 537-6023      (724) 459-3971	quarry Derry Stone & Lime Blairsville 40°23'10"N 79°16'20"W	Monongahela sandstone	Various sizes.

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### AGGREGATE (cont.)

#### SHALE

##### *Carbon County*

Smith Partnership PO Box 70 Albrightsville, PA 18210 (570) 722-3201	(570) 401-4472	open pit Albrightsville Blakeslee 41°01'50"N 75°34'59"W	Catskill shale	Road-base material. Mining soft red shale and hard red and gray shale of the Duncannon Member of the Catskill Formation.
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##### *Franklin County*

Martin, David H. 4961 Cumberland Highway Chambersburg, PA 17202-9655 (717) 264-2168 <a href="http://dhmexc.com/">http://dhmexc.com/</a>	(717) 729-1393	open pit Martin Shale Pit No. 8 Chambersburg 39°57'10"N 77°40'00"W	Martinsburg shale	
Martin, David H. 4961 Cumberland Highway Chambersburg, PA 17202-9655 (717) 264-2168 <a href="http://dhmexc.com/">http://dhmexc.com/</a>	(717) 729-1393	open pit Martin Shale Pits Nos. 3 and 4 Greencastle 39°49'20"N 77°44'36"W	Martinsburg shale	See Root (1971) for geology.

##### *Mifflin County*

Peachy, Emerson L. 39 Betty Circle Reedsville, PA 17084-8609 (717) 667-9408		quarry Peachey's Shale Quarry Allensville 40°35'18"N 77°47'00"W	Reedsville shale	Road base, log yard base.
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#### SHALE AND SILTSTONE

##### *Franklin County*

Martin, David H. 4961 Cumberland Highway Chambersburg, PA 17202-9655 (717) 264-2168 <a href="http://dhmexc.com/">http://dhmexc.com/</a>	(717) 729-1393	open pit Martin Shale Pit No. 2 Chambersburg 39°58'40"N 77°40'19"W	Martinsburg shale and siltstone	
Martin, David H. 4961 Cumberland Highway Chambersburg, PA 17202-9655 (717) 264-2168 <a href="http://dhmexc.com/">http://dhmexc.com/</a>	(717) 729-1393	open pit Martin Shale Pit No. 7 Williamson 39°48'27"N 77°46'46"W	Martinsburg shale and siltstone	

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### AGGREGATE (cont.)

#### SILTSTONE

##### *Crawford County*

Heritage Excav. & Stone		quarry	Cuyahoga	
PO Box 462		Majome Mine	siltstone	
Wampum, PA 16157-0462		Hartstown	Sharpsville	
(724) 535-7722	(724) 944-5569	41°31'00"N	sandstone	
		80°26'58"W		

#### SLAG

##### *Lawrence County*

RWE Holding Company		slag bank		
PO Box 144		West Pittsburgh 1 Mine	slag	
Portersville, PA 16051-0144		New Castle South		
(724) 368-8040	(412) 652-2999	40°57'28"N		
<a href="http://www.tubecityims.com/">http://www.tubecityims.com/</a>		80°22'24"W		

##### *Mercer County*

Development of Sharpsville Furnace, Ltd.		slag bank		Recycles concrete to manufacture PennDOT approved aggregate.
2 North Sixth Street		Development of Sharpsville Furnace	slag	
Sharpsville, PA 16150-2051		Sharpsville		
(724) 962-4324		41°15'47"N		
<a href="http://dsfslag.com">http://dsfslag.com</a>		80°29'27"W		

### AGGREGATE, COARSE

#### ARGILLITE

##### *Berks County*

H & K Group, Inc.		quarry	Brunswick	Very near diabase contact.
PO Box 196		Douglassville Quarry	argillite	
Skippack, PA 19474-0196		Boyertown		
(610) 584-8500	(610) 326-5921	40°15'33"N		
<a href="http://www.hkggroup.com">http://www.hkggroup.com</a>		75°41'36"W		

##### *Bucks County*

Edison Quarry, Inc.		quarry	Lockatong	See Willard and others (1959) for geology, Hoover and others (1971) for analyses. Accepts clean fill.
25 Quarry Road		Edison	argillite	
Doylestown, PA 18901-2809		Doylestown		
(215) 348-4382		40°17'02"N		
<a href="mailto:buccirock@aol.com">buccirock@aol.com</a>		75°07'46"W		
H & K Group, Inc.		quarry	Lockatong	See Willard and others (1959) for geology.
PO Box 196		H & K Materials	argillite	
Skippack, PA 19474-0196		Doylestown	Brunswick	
(610) 584-8500	(215) 822-2200	40°19'37"N	siltstone	
<a href="http://www.hkggroup.com">http://www.hkggroup.com</a>		75°13'35"W		



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### AGGREGATE, COARSE (cont.)

#### ARGILLITE (cont.)

#### *Bucks County (cont.)*

Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (610) 847-5211	quarry Ottsville Quarry Bedminster 40°29'42"N 75°10'13"W	Lockatong argillite	
Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (215) 598-3152	quarry Penns Park Quarry Buckingham 40°15'27"N 75°00'48"W	Lockatong argillite	
Naceville Materials 350 South Main Street, Suite 207 Doylestown, PA 18901 (267) 880-2422 (215) 598-7801 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Miller Materials Buckingham 40°15'57"N 75°01'19"W	Lockatong argillite	Also known as "Rushland" or "Rushville." Construction aggregate and bituminous asphalt paving materials. Geology according to Berg and Dodge (1981).
Naceville Materials 350 South Main Street, Suite 207 Doylestown, PA 18901 (267) 880-2422 (215) 453-8933 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Naceville Materials Telford 40°21'31"N 75°22'23"W	Lockatong argillite York Haven diabase	Operates as joint venture with H & K Group. See Willard and others (1959) for geology.
Naceville Materials 350 South Main Street, Suite 207 Doylestown, PA 18901 (267) 880-2422 (215) 766-2206 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Plumstead Materials Lumberville 40°22'31"N 75°07'06"W	Lockatong argillite	Operates as joint venture with H & K Group

#### *Montgomery County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (610) 326-4843 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Sanatoga Quarry Phoenixville 40°14'04"N 75°35'32"W	Lockatong argillite	
Harleysville Materials LLC 427 S White Horse Pike Berlin, NJ 08009-9003 (856) 768-8493 (215) 256-8813 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Harleysville Materials Perkiomenville 40°16'39"N 75°24'26"W	Lockatong argillite	Custom aggregate of all sizes. Red decorative stone available in various sizes.

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### AGGREGATE, COARSE (cont.)

#### ARGILLITE AND HORNFELS

##### *Adams County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 334-3165 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Gettysburg Gettysburg 39°48'05"N 77°12'45"W	Gettysburg argillite and hornfels York Haven diabase	See Hoff (1978) for geology and mineralogy. See Wood (1980) for regional geology. Diabase from Smith and Barnes (2008).
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#### CALCAREOUS SANDSTONE

##### *Monroe County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 992-4951	quarry Bossardville Saylorsburg 40°55'30"N 75°16'06"W	Decker calcareous sandstone Poxono Island limestone and dolomite	Mining the Decker through Poxono Island, undivided. Selective mining for aggregate, Bossardville limestone for SRL L, and Decker for SRL H.
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#### DIABASE

##### *Berks County*

Dyer Quarry, Inc. PO Box 188 Birdsboro, PA 19508-0188 (610) 582-6010	quarry Dyer Quarry Birdsboro 40°15'57"N 75°51'18"W	York Haven diabase	Traditional source of high-quality railroad ballast. Geology according to Wood (1980).
H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (610) 404-8440 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Birdsboro Materials Elverson 40°14'54"N 75°49'06"W	York Haven diabase	Geology from Smith, R.C., II (personal communication, June 16, 2009)

##### *Lancaster County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (717) 445-7430 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Silver Hill Morgantown 40°11'14"N 75°58'34"W	York Haven diabase Hammer Creek argillite	Geology from Smith, R.C., II (personal communication, June 16, 2009)
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#### DOLOMITE

##### *Berks County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 683-7400 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Eastern Kutztown Topton 40°30'42"N 75°43'33"W	Allentown dolomite	
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### AGGREGATE, COARSE (cont.)

#### DOLOMITE (cont.)

##### *Centre County*

Hanson Aggregates Pennsylvania, LLC		quarry	Nittany	Selectively mining the Nittany and Bellefonte, which produce SRL G aggregate, and the Axemann, which produces SRL M aggregate.
7660 Imperial Way		Curtin Gap	dolomite	
Allentown, PA 18195-1040		Mingoville	Bellefonte	
(610) 366-4600	(814) 353-2352	40°56'34"N	dolomite	
		77°42'58"W		

##### *Chester County*

Hanson Aggregates Pennsylvania, LLC		quarry	Ledger	Also mining Zooks Corner Dolomite and Henderson Marble. For analysis, see O'Neill (1964, p. 19). For geology, see MacLachlan (1994).
7660 Imperial Way		Downingtown	dolomite	
Allentown, PA 18195-1040		Downingtown	Conestoga	
(610) 366-4600	(610) 269-1710	40°00'45"N	limestone	
		75°40'10"W		

##### *Lancaster County*

Pennsy Supply, Inc.		quarry	Snitz Creek	
PO Box 3331		Landisville Quarry	dolomite	
Harrisburg, PA 17105-3331		Columbia East	Buffalo Springs	
(717) 236-7023	(717) 898-2278	40°05'18"N	limestone	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		76°26'55"W		

##### *Lebanon County*

Pennsy Supply, Inc.		quarry	Ontelaunee	Stripping Ontelaunee to mine Annville. May selectively mine underground. See O'Neill (1976) and Sims (1968) for analyses, Geyer (1970) for geology, Turley (1993) for description.
PO Box 3331		Millard	dolomite	
Harrisburg, PA 17105-3331		Palmyra	Annville	
(717) 236-7023		40°19'30"N	limestone	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		76°34'00"W		

##### *Montgomery County*

Highway Materials, Inc.		quarry	Ledger	See O'Neill (1964) for analysis.
1750 Walton Road		Plymouth Meeting	dolomite	
Blue Bell, PA 19422-0465		Germantown		
(610) 832-8000	(610) 828-4300	40°06'27"N		
		75°14'54"W		

##### *Northampton County*

H & K Group, Inc.		quarry	Epler	
PO Box 196		A.B.E. Materials - Easton	dolomite	
Skippack, PA 19474-0196		Bangor	Jacksonburg	
(610) 584-8500	(610) 250-7700	40°45'56"N	limestone	
<a href="http://www.hkgroup.com">http://www.hkgroup.com</a>		75°11'16"W		

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### AGGREGATE, COARSE (cont.)

#### DOLOMITE (cont.)

##### *York County*

York Building Products Company, Inc. PO Box 1708 York, PA 17405-1708 (717) 848-2831 (717) 792-1200 <a href="http://www.yorkbuilding.com/">http://www.yorkbuilding.com/</a>	quarry Lincoln Stone West York 39°54'58"N 76°52'00"W	Vintage dolomite	For geology see Stose and Jonas (1939) and Ganis and Hopkins (1995).
York Building Products Company, Inc. PO Box 1708 York, PA 17405-1708 (717) 848-2831 (717) 854-8040 <a href="http://www.yorkbuilding.com/">http://www.yorkbuilding.com/</a>	quarry Roosevelt Quarry West York 39°58'07"N 76°45'15"W	Ledger dolomite	Geology from Wilshusen (1979).

#### DOLOMITE AND LIMESTONE

##### *Dauphin County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 566-0222 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Hummelstown Hershey 40°16'26"N 76°42'11"W	Ontelaunee dolomite and limestone	Some minor Epler and Annville on property.
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##### *Lehigh County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 799-2421 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Ormrod Cementon 40°39'58"N 75°32'56"W	Epler dolomite and limestone	
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##### *Northampton County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 759-3334 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Nazareth Nazareth 40°44'02"N 75°17'26"W	Epler dolomite and limestone	
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#### GNEISS

##### *Berks County*

Martin Stone Quarries, Inc. 1355 North Reading Avenue Bechtelsville, PA 19505-0297 (610) 367-2011 <a href="http://martinstone.com">http://martinstone.com</a>	quarry Martin Stone Quarry Boyertown 40°22'56"N 75°37'46"W	Pochuck gneiss	See Buckwalter (1959) for geology and Pennsylvania Geological Survey (1984) for description.
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### AGGREGATE, COARSE (cont.)

#### GNEISS (cont.)

##### *Delaware County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (610) 494-4722	quarry Pyramid Materials Media 39°52'38"N 75°25'30"W	Wissahickon gneiss Wissahickon schist	
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (610) 459-2492	quarry Glen Mills Media 39°55'10"N 75°29'09"W	Baltimore gneiss	Felsic to mafic gneiss and calcsilicates. See Parrott (1974) for geological description. See Atlee (1994) for history.

#### GRANITIC GNEISS

##### *Chester County*

Myers, Allan A., LP., dba Independent Construction PO Box 98 Worcester, PA 19490-0098 (610) 584-6020 (610) 296-1793 <a href="http://www.americaninfrastructure.com/">http://www.americaninfrastructure.com/</a>	quarry Devault Quarry Malvern 40°04'52"N 75°32'09"W	Precambrian granitic gneiss	
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#### GRAVEL

##### *Bradford County*

P & P Gravel Co. 76 Barclay View Road Monroeton, PA 18832-9615 (570) 364-7100	quarry P & P Gravel Sayre 41°41'53"N 76°37'15"W	Quaternary gravel	
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##### *Crawford County*

McManus, Kimberly 6971 Krieder Road Fairview, PA 16415-2509 (814) 474-9597	open pit Thomas Willrich #1 Millers Station 41°50'28"N 79°55'26"W	Quaternary gravel	Band-run gravel deposit.
Sherretts Gravel, Inc. 10008 Kosturick Road Conneaut Lake, PA 16316-2548 (814) 398-2085	quarry Sherretts Gravel Supply Linesville 41°41'30"N 80°29'18"W	Quaternary gravel	Bank-run gravel.

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### AGGREGATE, COARSE (cont.)

#### GRAVEL (cont.)

##### *Erie County*

Groundwork Resource LLC 8870 Baron Road McKean, PA 16426-1159 (814) 476-7344	(814) 602-6946	open pit Groundwork Mine 1 Swanville 42°01'16"N 80°10'17"W	Quaternary gravel	Mining glacial gravel.
Pfadt, John F. 12612 Half Moon Road Wattsburg, PA 16442-9328 (814) 739-2336		open pit Pfadt Wattsburg 42°02'51"N 79°49'56"W	Quaternary gravel	Bank-run. Mapped as kames, kame terraces, kame moraines, and eskers, undifferentiated (Shepps and others, 1959).
Shunk, Frederick W. 11520 Damsite Road North East, PA 16428-5262 (814) 725-1070	(814) 725-0590	open pit Shunk Pit #1 North East 42°12'22"N 79°52'01"W	Quaternary gravel	Bank-run gravel. Operator also willing to take allowable fill material to fill old pit.
Troyer, Mervin 7400 Route 97 Union City, PA 16438-8510 (814) 739-2108		quarry Merv Troyer Sand & Gravel Waterford 41°56'21"N 79°53'39"W	Quaternary gravel	Bank-run gravel.

##### *Lawrence County*

Beyond Corp. LLC 2905 Hillsville Rd. Edinburg, PA 16116-3409 (724) 657-7584		open pit Beyond Corp. Campbell 41°01'49"N 80°30'39"W	Quaternary gravel	
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##### *Mercer County*

Cline, J.J. 628 Hadley Road Greenville, PA 16125-9644 (724) 588-0616	(724) 253-3232	open pit Cline Hadley 41°24'49"N 80°13'16"W	Quaternary gravel	
Ebbert, Gregory R. 580 Millcreek Road Utica, PA 16362-1218 (724) 376-3934		open pit Ebbert Sandy Lake 41°22'26"N 80°04'51"W	Quaternary gravel	Bank-run. Mapped as kames, kame terraces, kame moraines, and eskers (Shepps and others, 1959).

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### AGGREGATE, COARSE (cont.)

#### GRAVEL (cont.)

##### *Tioga County*

Aumick, Dale Alan 1301 Mill Creek Rd. Mansfield, PA 16933 (570) 549-4602	quarry Mill Creek Pit Mansfield 41°51'45"N 77°03'10"W	Quaternary gravel	Bank-run gravel, 2RL.
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##### *Venango County*

Klapec, Joe, & Son, Inc. 218 State Route 428 Oil City, PA 16301-4728 (814) 677-9563 <a href="http://www.klapecexcavating.com">http://www.klapecexcavating.com</a>	quarry Klingler 1 Mine Titusville South 41°35'55"N 79°39'26"W	Quaternary gravel	Bank gravel.
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##### *Warren County*

Allen, John, Excavating, Inc. 288 Dobson Road Sugar Grove, PA 16350-5606 (814) 489-7830	open pit Allen Excavating Sugar Grove 41°56'30"N 79°18'53"W	Quaternary gravel	Various sizes, 85 percent local sandstone and 15 percent crystalline rocks. All products delivered to customer, not loaded at the quarry.
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##### *Wayne County*

Scull, Ronald 565 Beach Lake Highway Honesdale, PA 18431-3022 (570) 729-7636 (570) 251-9818	quarry Valley Sand and Gravel White Mills 41°34'28"N 75°12'02"W	Quaternary gravel	
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#### HORNFELS

##### *Montgomery County*

Highway Materials, Inc. 1750 Walton Road Blue Bell, PA 19422-0465 (610) 832-8000 (215) 234-4522	quarry Perkiomenville Perkiomenville 40°19'22"N 75°28'20"W	Brunswick hornfels	
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### AGGREGATE, COARSE (cont.)

#### LIMESTONE

##### *Adams County*

Vulcan Construction Materials, LP 875 Oxford Avenue Hanover, PA 17331 (804) 717-8374 (717) 637-7121 <a href="http://www.vulcanmaterials.com">http://www.vulcanmaterials.com</a>	quarry Hanover McSherrystown 39°50'00"N 77°02'00"W	Kinzers limestone Ledge dolomite	Selectively mining in a geologically complex setting. See Berkheiser (1983) and Hole (1968) for analyses.
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##### *Armstrong County*

M & M Lime Company 215 Nichola Road Worthington, PA 16262-4303 (724) 297-3958	underground mine M & M 6 Mine Worthington 40°51'45"N 79°40'50"W	Vanport limestone	See O'Neill (1974) for general geologic description.
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##### *Bedford County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 652-5121 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Ashcom Clearville 39°59'51"N 78°25'31"W	Coburn-Loysburg limestone	Mining the Coburn through Loysburg interval. Selectively mining the Linden Hall and Snyder for high-calcium products. A composite of 93 feet yields 92 percent CaCO <sub>3</sub> and 2.9 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). See MacQueen (1993).
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New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 839-4850 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry New Paris Schellsburg 40°07'02"N 78°37'35"W	Keyser-Tonoloway limestone	A 17-foot section contains 77 percent CaCO <sub>3</sub> and 8 MgCO <sub>3</sub> . The "Calico" horizon, which is much higher in CaCO <sub>3</sub> , may be present slightly deeper (R.C. Smith, II, unpub. data, 1995). See Berkheiser and Smith (1995). See Atlee (1989) for history.
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##### *Berks County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 689-9551 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Oley Birdsboro 40°21'20"N 75°48'02"W	Annville limestone Ontelaunee dolomite and limestone	See MacLachlan (1983) and Smith (1977) for geology, and O'Neill (1964) for analysis.
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##### *Blair County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 224-2121 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Roaring Spring Roaring Spring 40°20'46"N 78°23'55"W	Coburn-Loysburg limestone Bellefonte dolomite	Mining the entire Coburn through Axemann interval. See Remick (1991) for SO <sub>2</sub> sorbent application. See Atlee (1989) for history.
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### AGGREGATE, COARSE (cont.)

#### LIMESTONE (cont.)

##### *Centre County*

Hanson Aggregates Pennsylvania, LLC	quarry	Salona-Snyder	A section of 212 feet contains 92 percent CaCO <sub>3</sub> and 2.9 MgCO <sub>3</sub> (R. C. Smith, II, unpub. data, 1995). See Berkheiser and Smith (1995).
7660 Imperial Way	Oak Hall	limestone	
Allentown, PA 18195-1040	State College		See Miller (1934, p. 288) for early operations.

(610) 366-4600 (814) 466-6216

40°47'49"N  
77°48'39"W

Hawbaker, Glenn O., Inc.  
1952 Waddle Road, Ste. 203  
State College, PA 16803-1649  
(814) 272-2449 (814) 359-3411  
<http://www.goh-inc.com/>

quarry  
Whiterock Quarry Agg. Plant #2  
Centre Hall  
40°52'21"N  
77°43'45"W

Nealmont  
limestone  
Salona  
limestone

Aggregate is also produced from the Linden Hall, Snyder, and Hatter. Valentine Member of the Linden Hall Formation is a source of high-calcium limestone.

##### *Clinton County*

Hanson Aggregates Pennsylvania, LLC  
7660 Imperial Way  
Allentown, PA 18195-1040  
(610) 366-4600 (570) 726-4511

quarry  
Salona  
Mill Hall  
41°05'18"N  
77°27'54"W

Coburn-Loysburg  
limestone

Mining Coburn through Loysburg, undivided. See O'Neill (1964) for analysis. Rones (1969) included a discussion of the stratigraphy.

##### *Cumberland County*

New Enterprise Stone & Lime Co., Inc.  
PO Box 77  
New Enterprise, PA 16664-0077  
(814) 766-2211 (717) 532-2312  
<http://www.nesl.com/>

quarry  
Shippensburg  
Walnut Bottom  
40°05'52"N  
77°28'08"W

Stonehenge  
limestone  
Rockdale Run  
limestone and dolomite

See O'Neill (1964) for analysis.

Pennsy Supply, Inc.  
PO Box 3331  
Harrisburg, PA 17105-3331  
(717) 236-7023 (717) 766-7676  
<http://www.pennsysupply.com/>

quarry  
Silver Spring  
Mechanicsburg  
40°14'56"N  
77°00'55"W

Chambersburg  
limestone

See Root (1978) for geology.

##### *Dauphin County*

Pennsy Supply, Inc.  
PO Box 3331  
Harrisburg, PA 17105-3331  
(717) 236-7023 (717) 566-7521  
<http://www.pennsysupply.com/>

quarry  
Fiddlers Elbow Quarry  
Middletown  
40°14'27"N  
76°43'59"W

Ontelaunee  
limestone

Geology according to Berg and Dodge (1981).

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### AGGREGATE, COARSE (cont.)

#### LIMESTONE (cont.)

##### *Fayette County*

Bullskin Stone & Lime LLC PO Box 528 Latrobe, PA 15650-0528 (724) 220-5771 <a href="http://bullskinstone.com">http://bullskinstone.com</a>	underground mine Bullskin 1 Mine Connellsville 40°05'59"N 79°30'08"W	Loyalhanna limestone	All sizes and gradations of aggregate.
Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (724) 628-5027	underground mine Rich Hill Quarry Connellsville 40°02'33"N 79°30'56"W	Loyalhanna limestone	Crushed stone.
Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (724) 626-8437	underground mine Springfield Pike Quarry Connellsville 40°00'54"N 79°32'14"W	Loyalhanna limestone	Crushed stone.
Laurel Aggregates, Inc. 250 Lakewood Center Morgantown, WV 26508-4457 (304) 296-7501 (724) 564-5099 <a href="http://www.laurelaggregates.com/">http://www.laurelaggregates.com/</a>	quarry Lake Lynn Quarry Lake Lynn 39°44'00"N 79°45'21"W	Loyalhanna limestone Pocono sandstone	Geology according to Berg and Dodge (1981).

##### *Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 264-4178 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Chambersburg Chambersburg 39°52'58"N 77°39'03"W	Stonehenge limestone Rockdale Run limestone and dolomite	See O'Neill (1964) for chemical analysis. Also see Root (1971) for geology and partial chemical analyses. See Staff of Valley Quarries, Inc. (1993) for the company's view of its reclamation effort.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 349-2412 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Dry Run Shade Gap 40°10'09"N 77°45'38"W	Chambersburg limestone	Includes aggregate for concrete. See Nickelsen (1996) for structural features and geologic description. See Atlee (1989) for history.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 369-3098 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Williamson Quarry Williamson 39°51'24"N 77°48'16"W	St. Paul limestone Chambersburg limestone	

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### AGGREGATE, COARSE (cont.)

#### LIMESTONE (cont.)

##### *Franklin County (cont.)*

St. Thomas Dev., Inc.	quarry	Chambersburg
1750 Walton Road	St. Thomas Dev. Quarry	limestone
Blue Bell, PA 19422-0465	St. Thomas	Martinsburg
(610) 832-8000 (717) 369-3030	39°55'15"N	shale
	77°48'31"W	

##### *Huntingdon County*

New Enterprise Stone & Lime Co., Inc.	quarry	Coburn-Loysburg	Includes aggregate for concrete. Mining the entire Coburn through Loysburg interval. Also mining Bellefonte Dolomite. See Atlee (1989) for history.
PO Box 77	Orbisonia	limestone	
New Enterprise, PA 16664-0077	Shade Gap	Bellefonte	
(814) 766-2211 (814) 447-3295	40°13'31"N	dolomite	
<a href="http://www.nesl.com/">http://www.nesl.com/</a>	77°52'01"W		
New Enterprise Stone & Lime Co., Inc.	quarry	Coburn-Loysburg	Mining the Coburn through Loysburg interval. Nearby roadcut includes 211 feet of section containing 93 percent CaCO <sub>3</sub> and 2.8 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). See Rones (1969) for description of nearby section. See Atlee (1989) for history.
PO Box 77	Union Furnace	limestone	
New Enterprise, PA 16664-0077	Spruce Creek	Bellefonte	
(814) 766-2211 (814) 684-3180	40°37'31"N	dolomite	
<a href="http://www.nesl.com/">http://www.nesl.com/</a>	78°09'56"W		

##### *Jefferson County*

Original Fuels, Inc.	quarry	Allegheny	Produces sized sandstone and limestone.
PO Box 343	Grange Lime & Stone	limestone	
Punxsutawney, PA 15767-0343	Valier		
(814) 938-5171 (814) 938-4883	40°56'16"N		
	79°05'41"W		

##### *Juniata County*

Fulkroad, Jay, and Sons, Inc.	quarry	Keyser-Tonoloway	See Fail and Wells (1974) for geology.
2736 Free Spring Church Road	Fulkroad and Sons	limestone	
McAlisterville, PA 17049-9600	Millerstown		
(717) 463-3701	40°37'28"N		
	77°14'57"W		

##### *Lancaster County*

Eastern Industries, Inc.	quarry	Annville	See Berkheiser (1983) for analysis.
4401 Camp Meeting Road, Suite 200	Schoeneck	limestone	
Center Valley, PA 18034-9467	Ephrata	Ontelaunee	
(610) 866-0932 (717) 335-4545	40°14'08"N	dolomite	
<a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	76°10'50"W		

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### AGGREGATE, COARSE (cont.)

#### LIMESTONE (cont.)

##### *Lancaster County (cont.)*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 354-1340 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Burkholder Terre Hill 40°09'24"N 76°05'57"W	Epler limestone Annville limestone	Also producing from the Hershey and Meyerstown.
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##### *Lawrence County*

Allegheny Mineral Corp. PO Box 1022 Kittanning, PA 16201-5022 (724) 548-8101	quarry Princeton Mine Portersville 40°57'20"N 80°11'48"W	Vanport limestone	
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##### *Lebanon County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 867-4617 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Fontana Lebanon 40°16'06"N 76°28'43"W	Buffalo Springs limestone	
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Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 534-1606 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Prescott Richland 40°21'19"N 76°21'28"W	Annville limestone Ontelaunee dolomite	
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##### *Lehigh County*

Coplay Aggregates, Inc. PO Box 143 Orefield, PA 18069-0143 (610) 262-3804	quarry Coplay Whitehall Cementon 40°40'22"N 75°30'47"W	Jacksonburg limestone	Coarse aggregate for roadway base.
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Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 262-5574 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Whitehall Cementon 40°39'45"N 75°31'16"W	Jacksonburg limestone Epler dolomite	Includes argillaceous (shaly) limestone.
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### AGGREGATE, COARSE (cont.)

#### LIMESTONE (cont.)

##### *Lycoming County*

Hanson Aggregates Pennsylvania, LLC		quarry	Coburn	Includes 68 ft. containing 94 percent CaCO <sub>3</sub> and 2.4 percent MgCO <sub>3</sub> from the upper part of the Linden Hall. See Faill and others (1977) for geology and analyses.
7660 Imperial Way		Pine Creek	limestone	
Allentown, PA 18195-1040		Linden	Hatter	
(610) 366-4600	(717) 745-7555	41°09'14"N	limestone	
		77°12'51"W		

##### *Mifflin County*

Eastern Industries, Inc.		quarry	Coburn-Loysburg	A roadcut in the area exposes 206 feet of section containing 92 percent CaCO <sub>3</sub> and 2.4 MgCO <sub>3</sub> . Of this, 109 feet contains 95 percent CaCO <sub>3</sub> and 2.2 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995).
4401 Camp Meeting Road, Suite 200		Naginey	limestone	
Center Valley, PA 18034-9467		Burnham	Linden Hall	
(610) 866-0932	(717) 667-2015	40°42'39"N	limestone	
<a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>		77°33'21"W		

##### *Montour County*

Hanson Aggregates Pennsylvania, LLC		quarry	Keyser-Tonoloway	See Way (1993) for geology.
7660 Imperial Way		Limestoneville	limestone	
Allentown, PA 18195-1040		Washingtonville		
(610) 366-4600	(570) 437-2041	41°02'29"N		
		76°42'36"W		

Hanson Aggregates Pennsylvania, LLC		quarry	Keyser-Tonoloway	Keyser and Tonoloway are undivided. Faill (1979) reports 99 feet contain 92 percent CaCO <sub>3</sub> and 2.1 MgCO <sub>3</sub> . This is likely in the base of the Keyser. See Way (1993) for geology.
7660 Imperial Way		Milton	limestone	
Allentown, PA 18195-1040		Washingtonville		
(610) 366-4600	(570) 437-2041	41°01'51"N		
		76°43'48"W		

##### *Northampton County*

Eastern Industries, Inc.		quarry	Jacksonburg	
4401 Camp Meeting Road, Suite 200		Martins Creek	limestone	
Center Valley, PA 18034-9467		Bangor	Quaternary	
(610) 866-0932	(610) 258-2345	40°46'50"N	glacial gravel	
<a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>		75°10'26"W		

##### *Northumberland County*

Meckley's Limestone Products, Inc.		quarry	Keyser-Tonoloway	See Faill and others (1973) and Hoskins (1976) for description, geology, and analyses. See Meckley (1996) for a perspective on the company's history.
1543 State Route 225		Mandata	limestone	
Herndon, PA 17830-9665		Pillow		
(570) 758-3011		40°40'28"N		
		76°50'06"W		

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### AGGREGATE, COARSE (cont.)

#### LIMESTONE (cont.)

##### *Perry County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Dromgold Shermans Dale 40°20'58"N 77°13'26"W	Keyser limestone	Intermittent production. See Dyson (1967) for geology.
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##### *Snyder County*

National Limestone Quarry, Inc. PO Box 397 Middleburg, PA 17842-0397 (570) 837-1635 (570) 539-4405	quarry Mt. Pleasant Mills Richfield 40°43'34"N 77°01'29"W	Keyser-Tonoloway limestone	Also mining Old Port sandstone
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National Limestone Quarry, Inc. PO Box 397 Middleburg, PA 17842-0397 (570) 837-1635	quarry Paxtonville Middleburg 40°46'01"N 77°07'10"W	Keyser-Tonoloway limestone	See O'Neill (1964) for analysis.
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##### *Somerset County*

Keystone Lime Company, Inc. PO Box 278 Springs, PA 15562-0278 (814) 662-2711	quarry / underground mine Buckeye Quarry Grantsville 39°44'40"N 79°12'21"W	Deer Valley limestone Loyalhanna quartzose limestone	Mining the Deer Valley for agricultural limestone and the Loyalhanna for aggregate. A 7-foot section of Deer Valley contains 83 percent CaCO <sub>3</sub> and 1.0 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). Also see Brezinski (1993) and Berkheiser and Smith (1995).
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##### *Union County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 524-1103 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Lewisburg Lewisburg 40°58'21"N 76°56'23"W	Keyser-Tonoloway limestone	
Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (570) 524-2251 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Winfield Northumberland 40°54'23"N 76°51'40"W	Keyser-Tonoloway limestone	

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### AGGREGATE, COARSE (cont.)

#### LIMESTONE (cont.)

##### *Union County (cont.)*

Iddings Quarry, Inc. 900 Chestnut Street Mifflinburg, PA 17844-1235 (570) 966-1551	quarry Iddings Mifflinburg 40°54'08"N 77°04'59"W	Keyser-Tonoloway limestone	Mapped as Keyser and Tonoloway, undivided.
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##### *Venango County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (888) 603-5354	quarry Berg Mine Plant #14 Barkeyville 41°11'36"N 79°59'26"W	Vanport limestone	PennDOT approved products (Type A, SRL L).
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##### *Westmoreland County*

Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (724) 459-6031	underground mine Torrance Quarry Bolivar 40°24'21"N 79°13'07"W	Loyalhanna limestone	Crushed stone
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Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (724) 423-3601	underground mine Whitney Quarry Mammoth 40°13'40"N 79°22'50"W	Loyalhanna limestone	Crushed stone
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Ligonier Stone & Lime Co. 117 Marcia St. Latrobe, PA 15650-4300 (724) 537-6023 (724) 459-3971	quarry Derry Stone & Lime Blairsville 40°23'10"N 79°16'20"W	Monongahela limestone	Various sizes.
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##### *York County*

Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Ensminger West York 39°56'14"N 76°47'20"W	Kinzers limestone	See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.
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### AGGREGATE, COARSE (cont.)

#### LIMESTONE (cont.)

##### *York County (cont.)*

Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Williams West York 39°56'15"N 76°46'58"W	Kinzers limestone	See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.
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#### LIMESTONE AND DOLOMITE

##### *Cumberland County*

Union Quarries, Inc. 102 Bonnybrook Road Carlisle, PA 17013 (717) 249-5012 <a href="http://www.unionquarries.com">http://www.unionquarries.com</a>	quarry Bonny Brook Carlisle 40°10'44"N 77°10'58"W	Zullinger limestone and dolomite	See Root (1978) for geology.
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##### *Lancaster County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 335-4500 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Denver Terre Hill 40°13'26"N 76°07'17"W	Epler limestone and dolomite	
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 354-1370 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Weaverland Terre Hill 40°08'15"N 76°03'26"W	Stonehenge limestone and dolomite Buffalo Springs limestone	See Kauffman (1999), Poth (1977), Jonas and Stose (1926).
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry East Petersburg Quarry Lancaster 40°06'39"N 76°21'40"W	Buffalo Springs limestone and dolomite	
Rohrer's Quarry, Inc. PO Box 365 Lititz, PA 17543-0365 (717) 626-9760 <a href="http://www.rohrersquarry.com/">http://www.rohrersquarry.com/</a>	quarry Rohrer's Lititz 40°07'57"N 76°20'06"W	Epler limestone and dolomite	See O'Neill (1964) for analysis.



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### AGGREGATE, COARSE (cont.) LIMESTONE CONGLOMERATE

#### *Adams County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 642-8535 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Fairfield Fairfield 39°47'36"N 77°21'23"W	Gettysburg limestone conglomerate Beekmantown limestone and dolomite	Mining Mesozoic limestone fanglomerates and possibly underlying Beekmantown carbonates. See Stose and Bascom (1929) for geology.
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#### QUARTZITE

#### *Berks County*

Highway Materials, Inc. 1750 Walton Road Blue Bell, PA 19422-0465 (610) 832-8000 (610) 929-4922	quarry Temple Quarry Temple 40°23'54"N 75°52'34"W	Hardyston quartzite Hardyston sandstone	Geology from MacLachlan (1979).
Martin Stone Quarries, Inc. 1355 North Reading Avenue Bechtelsville, PA 19505-0297 (610) 367-2011 <a href="http://martinstone.com">http://martinstone.com</a>	quarry Martin Stone Quarry Boyertown 40°22'56"N 75°37'46"W	Hardyston quartzite	See Buckwalter (1959) for geology and Pennsylvania Geological Survey (1984) for description.

#### *Chester County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (610) 273-2921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	open pit Honey Brook Honey Brook 40°07'26"N 75°54'14"W	Chickies quartzite	See Berkheiser (1985a) for chemical analyses.
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#### *York County*

County Line Quarry, Inc. PO Box 1667 Blue Bell, PA 19422-0465 (717) 252-1584	open pit County Line Quarry Columbia West 40°00'44"N 76°32'05"W	Antietam quartzite	See Ganis and Hopkins (1984a, 1995) for descriptions.
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### QUARTZOSE LIMESTONE

#### *Fayette County*

Coolspring Mining, Inc. PO Box 1328 Uniontown, PA 15401-1328 (724) 437-8663 (412) 437-5200	quarry Coolspring Uniontown 39°53'56"N 79°38'49"W	Loyalhanna quartzose limestone Pocono sandstone	See Miller (1934).
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Name		Type of Operation	Formation 1	Comments
Office Address		Name of Operation	Lithology 1	
City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
Web Address		Longitude		

**AGGREGATE, COARSE (cont.)**  
**QUARTZOSE LIMESTONE (cont.)**

*Somerset County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 443-9950 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Bakersville Seven Springs 40°03'57"N 79°15'18"W	Loyalhanna quartzose limestone Burgoon sandstone	Includes aggregate for concrete. Selectively mining the Loyalhanna limestone and Burgoon sandstone. See Atlee (1989) for history.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 754-4921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Ogletown Ogletown 40°14'18"N 78°41'18"W	Loyalhanna quartzose limestone Mauch Chunk sandstone	See Atlee (1989) for history.

**SAND AND GRAVEL**

*Allegheny County*

Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (412) 264-2797	dredge Coraopolis Sand & Gravel Ambridge 40°31'22"N 80°10'02"W	Quaternary sand and gravel	Mining glacial sand and gravel.
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*Bradford County*

Dalrymple Gravel and Contracting Co., Inc. 2105 South Broadway Pine City, NY 14871-9700 (607) 737-6200 (607) 529-3235	open pit Chemung Sayre 41°59'58"N 76°36'39"W	Quaternary sand and gravel	Mining glacial outwash on the floodplain of the Chemung River.
Root, Charles T. 188 Thorndike Drive Gillett, PA 16925-8882 (570) 596-2707	open pit Root's Pit Millerton 41°58'55"N 76°54'03"W	Quaternary sand and gravel	Screened gravel.

*Clearfield County*

North Star Aggregates, Inc. PO Box R Ridgway, PA 15853-0319 (814) 637-5599 <a href="http://northstaraggregates.com">http://northstaraggregates.com</a>	open pit Penfield Penfield 41°12'58"N 78°33'50"W	Quaternary sand and gravel	Mining Quaternary alluvium.
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City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
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### AGGREGATE, COARSE (cont.)

#### SAND AND GRAVEL (cont.)

##### *Columbia County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 784-1640	open pit Bloomsburg Sand and Gravel Bloomsburg 41°01'44"N 76°26'22"W	Quaternary sand and gravel	Apparently mining Olean outwash. For geology, see Inners (1981).
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Zeisloft Construction Company PO Box 338 Bloomsburg, PA 17815-0338 (570) 784-6578 (570) 204-5967	open pit Zeisloft Bloomsburg 41°04'32"N 76°25'43"W	Quaternary sand and gravel	Mining alluvium.
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##### *Crawford County*

Lakeland Aggregates, Inc. 7013 Atlantic Lake Road Conneaut Lake, PA 16316 (814) 382-8178 (814) 382-5345	open pit Conneaut Lake Mine Conneaut Lake 41°35'59"N 80°17'10"W	Quaternary sand and gravel	
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Tucci, Frank 25000 Pa Route 99 Cambridge Springs, PA 16403-9802 (814) 398-8111	open pit Orr Mine Millers Station 41°48'38"N 79°57'30"W	Quaternary sand and gravel	
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Watson, Robert E. and Ruth Ann 38881 Armstrong Road Centerville, PA 16404-4815 (814) 967-5250	open pit Watson Centerville 41°43'50"N 79°46'16"W	Quaternary sand and gravel	Bank run. Gravel is mapped as kame and outwash deposits (Shepps and others, 1959).
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##### *Erie County*

Girts Sand and Gravel 11850 Findley Lake Road North East, PA 16428-4259 (814) 725-9757	open pit Girts Sand and Gravel North East 42°12'11"N 79°47'36"W	Quaternary sand and gravel	Bank-run. Mapped as kames, kame terraces, kame moraines, and eskers, undifferentiated (Shepps and others, 1959).
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Showman, Raymond D., and Sons, Inc. 3883 Wheelertown Road Waterford, PA 16441 (814) 796-4230	open pit Wise Pit Waterford 41°54'22"N 79°55'04"W	Quaternary sand and gravel	Bank-run. Mapped as alluvium (Shepps and others, 1959). Mining the floodplain of French Creek, which contains outwash.
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Name		Type of Operation	Formation 1	Comments
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City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
Web Address		Longitude		

### AGGREGATE, COARSE (cont.)

#### SAND AND GRAVEL (cont.)

##### *Erie County (cont.)*

Wroblewski Sand and Gravel, Inc. 12907 Halfmoon Road Wattsburg, PA 16442-9328 (814) 739-2085	open pit Wroblewski Sand and Gravel Wattsburg 42°02'35"N 79°49'23"W	Quaternary sand and gravel	Mining glacial sand and gravel and alluvium of French Creek.
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##### *Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 352-7081 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	open pit Mt. Cydonia No. 2 Scotland 39°54'44"N 77°31'40"W	Quaternary sand and gravel	Mines a quartz- and sandstone-rich alluvium.
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##### *Luzerne County*

Riverview Block, Inc. 1507 Salem Boulevard Berwick, PA 18603-6914 (570) 752-7191 (570) 752-3382 <a href="http://www.riverview-block.com">http://www.riverview-block.com</a>	open pit Riverview Berwick 41°04'06"N 76°11'22"W	Quaternary sand and gravel	#57 and 2A coarse aggregate. Type A and B3 fine aggregate. Type AS1 antiskid.
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##### *Lycoming County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 368-2666	open pit Montoursville Montoursville South 41°14'18"N 76°54'36"W	Quaternary sand and gravel	Mapped as alluvium of the West Branch Susquehanna River. See Fail (1979) for geology.
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##### *Tioga County*

Fisher Aggregate 1658 Buckwheat Hollow Road Lawrenceville, PA 16929-8745 (570) 827-2620 (607) 769-3609	open pit Fisher Aggregate Jackson Summit 41°59'52"N 77°06'46"W	Quaternary sand and gravel	Bank-run, also crushed and screened.
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##### *Venango County*

Cooperstown Sand and Gravel PO Box 4 Cooperstown, PA 16317-0004 (814) 432-3448 (814) 374-4412 <a href="http://sandgravelandconcrete.com">http://sandgravelandconcrete.com</a>	open pit Tionesta 3 Franklin 41°29'18"N 79°52'00"W	Quaternary sand and gravel	Bank-run and dredged aggregate. Probably glacial valley outwash.
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Name		Type of Operation	Formation 1	Comments
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### AGGREGATE, COARSE (cont.)

#### SAND AND GRAVEL (cont.)

##### *Venango County (cont.)*

Vincent Excavating and Gravel 154 Vincent Road Franklin, PA 16323-9325 (814) 432-8126	open pit Vincent Excavating Franklin 41°25'17"N 79°50'46"W	Quaternary sand and gravel	Mapped as kames, kame terraces, kame moraines, and eskers, undifferentiated (Shepps and others, 1959).
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##### *Warren County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (814) 563-7911 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	open pit Brokenstraw Aggregate Plant #22 Pittsfield 41°51'27"N 79°23'48"W	Quaternary sand and gravel	PennDOT approved products (Type C). Mapped as outwash, river terraces, and lake deposits, undifferentiated (Shepps and others, 1959).
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##### *Westmoreland County*

Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080	dredge Lower Burrell Sand & Gravel New Kensington West 40°33'12"N 79°45'51"W	Quaternary sand and gravel	Mining glacial sand and gravel.
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##### *Wyoming County*

Chamberlain Sand and Gravel 447 Old State Road Falls, PA 18615-0447 (570) 388-6687	open pit Chamberlain Sand and Gravel Ransom 41°27'18"N 75°51'22"W	Quaternary sand and gravel	Mining an outwash terrace of the Susquehanna River.
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#### SANDSTONE

##### *Bradford County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (570) 268-0328 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Bradford County Quarry Ulster 41°46'58"N 76°35'54"W	Catskill sandstone	Claims mined interval is Towanda sandstone and Luther Mills coquinite.
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##### *Cameron County*

Solveson Contr., Inc. 340 Catlin Hollow Drive Emporium, PA 15834-5254 (814) 486-3687	quarry SCI Stone West Creek 41°27'33"N 78°19'11"W	Shenango through Oswayo sandstone	
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City		Quadrangle	Formation 2	
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### AGGREGATE, COARSE (cont.)

#### SANDSTONE (cont.)

##### *Carbon County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Little Gap Palmerton 40°49'51"N 75°31'12"W	Palmerton sandstone	See Sevon (1970) and Epstein and others (1974) for analyses and description.
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H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Jamico South Pit Christmans 40°57'58"N 75°38'37"W	Catskill sandstone	Mining the Duncannon Member of the Catskill Formation. For geology, see Sevon (1975).
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##### *Centre County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (814) 339-7125 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Sandy Ridge Aggregate Plant #9 Sandy Ridge 40°51'07"N 78°14'30"W	Mineral Spring sandstone Laurel Run sandstone	PennDOT approved products (Type C).
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##### *Clearfield County*

Kinthead Aggregates LLC 2311 Route 56 E Homer City, PA 15748-6237 (724) 479-2006 (814) 227-4576	quarry Buena Vista Mine McGees Mills 40°53'05"N 78°46'51"W	Allegheny sandstone	
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##### *Columbia County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 784-2888	quarry Bloomsburg Bloomsburg 41°03'44"N 76°29'48"W	Catskill sandstone	Mining a red sandstone, the Sherman Creek Member of the Catskill Formation. For geology, see Inners (1981).
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##### *Cumberland County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 486-5414 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Mount Holly Springs Mount Holly Springs 40°06'14"N 77°13'00"W	Antietam sandstone	See Berkheiser (1985a) for analyses. See Key and Sims (1991) for geology and description.
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Name		Type of Operation	Formation 1	Comments
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City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
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### AGGREGATE, COARSE (cont.)

#### SANDSTONE (cont.)

##### *Dauphin County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 362-3388 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Elizabethville Elizabethville 40°32'26"N 76°48'58"W	Pocono sandstone	Mining the Mount Carbon and Beckville Members of the Pocono. For geology, see Hoskins (1976) and Sevon and others (1986).
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##### *Jefferson County*

Original Fuels, Inc. PO Box 343 Punxsutawney, PA 15767-0343 (814) 938-5171 (814) 938-4883	quarry Grange Lime & Stone Valier 40°56'16"N 79°05'41"W	Allegheny sandstone	Produces sized sandstone and limestone
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##### *Lawrence County*

Mayberry Sand & Gravel, Inc. 4983 State Route 18 New Castle, PA 16102-3449 (724) 657-2801	quarry Mayberry Sand & Gravel Mine Bessemer 40°57'00"N 80°23'10"W	Pottsville sandstone	Geology from DeWolf (1929).
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Mayberry Sand & Gravel, Inc. 4983 State Route 18 New Castle, PA 16102-3449 (724) 657-2801	open pit Werner Mine Bessemer 40°56'48"N 80°23'10"W	Pottsville sandstone	Geology from DeWolf (1929).
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##### *Luzerne County*

American Asphalt Paving Company 500 Chase Road Shavertown, PA 18708-9689 (570) 696-1181	quarry Chase Kingston 41°17'26"N 75°57'40"W	Catskill sandstone	Red and gray colors. Predominantly red beds.
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American Asphalt Paving Company 500 Chase Road Shavertown, PA 18708-9689 (570) 696-1181	quarry Wilkes-Barre Material, LLC Pittston 41°16'56"N 75°48'15"W	Llewellyn sandstone	Could also be mining the Pottsville.
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City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
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### AGGREGATE, COARSE (cont.)

#### SANDSTONE (cont.)

#### *Luzerne County (cont.)*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (570) 477-3030 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Pikes Creek Asphalt & Crushed Stone Harveys Lake 41°17'36"N 76°05'10"W	Catskill sandstone	
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 443-8131	quarry White Haven White Haven 41°05'50"N 75°46'24"W	Mauch Chunk sandstone	Mining red sandstone.
Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (570) 453-1305 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Hazleton Aggregates Plant #23 Hazleton 40°59'55"N 75°57'19"W	Llewellyn sandstone	PennDOT approved products (Type A, SRL E).
Hazleton Materials, LLC 2052 Lucon Road Skippack, PA 19474 (610) 584-8500 (570) 636-3300 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Hazleton Materials/Eckley Operation Weatherly 40°59'45"N 75°50'20"W	Pottsville sandstone	
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (570) 654-1972 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Pittston East Quarry Pittston 41°17'21"N 75°45'30"W	Pottsville sandstone	
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Pittston West Quarry Pittston 41°17'24"N 75°45'48"W	Pottsville sandstone	
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (570) 868-5942 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Small Mountain Quarry Freeland 41°05'06"N 75°57'57"W	Catskill sandstone	Duncannon Member of the Catskill Formation. Geology according to Berg and Dodge (1981).



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### AGGREGATE, COARSE (cont.)

#### SANDSTONE (cont.)

##### *Lycoming County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (570) 368-3578 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Hagermans Run Aggregate Plant #12 Montoursville South 41°12'45"N 76°58'54"W	Bald Eagle sandstone	PennDOT approved products (Type A, SRL E).
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Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (570) 924-4455 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Minnier Quarry Plant #39 Grover 41°31'28"N 76°49'16"W	Huntley Mountain sandstone	PennDOT approved products (Type C).
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##### *Mercer County*

McDowell, John H. 270 Hemlock Road Grove City, PA 16127-8358 (814) 786-7886	open pit McDowell Grove City 41°12'29"N 80°02'56"W	Pottsville sandstone	Producing crushed gravel and screened stone. Mining near mapped contact of Pottsville and Shenango.
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White Rock Silica Sand Company 331 Methodist Road Greenville, PA 16125-3741 (724) 588-7020	quarry White Rock Silica Sand Greenville East 41°22'59"N 80°21'37"W	Sharon sandstone	See Stone (1932) for geologic description.
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##### *Monroe County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (570) 223-8060 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry 209 Enterprises East Stroudsburg 41°02'16"N 75°07'36"W	Buttermilk Falls sandstone Buttermilk Falls limestone	
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H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (717) 646-3324 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Locust Ridge Thornhurst 41°08'06"N 75°33'38"W	Catskill sandstone	
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### AGGREGATE, COARSE (cont.)

#### SANDSTONE (cont.)

##### *Northumberland County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 644-0603 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Shamokin Shamokin 40°46'39"N 76°31'47"W	Llewellyn sandstone	For a map of coal outcrops in the area, see Danilchik and others (1962).
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##### *Perry County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 444-2140 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Liverpool Millersburg 40°33'28"N 76°59'43"W	Pocono sandstone	Mining the Mount Carbon and Beckville Members of the Pocono Formation. See Hoskins (1976) for geology.
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##### *Pike County*

Edwards, George F. 204 State Route 435 Elmhurst, PA 18444-7692 (570) 842-8438 (717) 676-3200	quarry South Sterling Newfoundland 41°16'41"N 75°19'57"W	Catskill sandstone	See Sevon and others (1989) for geology.
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Springbrook Enterprises, Inc. 504 Well Road Hawley, PA 18428-6021 (570) 775-7320	quarry Springbrook Quarry Edgemere 41°21'48"N 74°58'09"W	Catskill sandstone	Variety, 2A modified, berm.
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##### *Schuylkill County*

HMMK, LLC PO Box 79 Skipack, PA 19474-0079 (610) 584-8500 (570) 695-0291 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Foster Materials Minersville 40°41'22"N 76°22'06"W	Pottsville sandstone	
Pottsville Materials LLC 2052 Lucon Road Skipack, PA 19474-0079 (610) 584-8500 (570) 933-0668 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Pottsville Materials Pottsville 40°43'38"N 76°12'42"W	Llewellyn sandstone Pottsville sandstone	Also mining Llewellyn conglomerate.

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### AGGREGATE, COARSE (cont.)

#### SANDSTONE (cont.)

##### *Schuylkill County (cont.)*

Rausch Creek Coal Mining LLC 978 Gap Street Valley View, PA 17983-9749 (570) 682-3181	quarry Rausch Creek Aggregates Tower City 40°36'50"N 76°30'30"W	Llewellyn sandstone	Sized stone.
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##### *Somerset County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 443-9950 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Bakersville Seven Springs 40°03'57"N 79°15'18"W	Burgoon sandstone Loyalhanna quartzose limestone	Selectively mining the Loyalhanna limestone and Burgoon sandstone. See Atlee (1989) for history.
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New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 754-4921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Central City Central City 40°07'13"N 78°47'30"W	Allegheny sandstone	Apparently mining sandstone associated with the Kittanning and Clarion coals. See Atlee (1989) for history.
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##### *Susquehanna County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (570) 222-3193 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Clifford Quarry Lenoxville 41°40'25"N 75°37'45"W	Catskill sandstone	
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##### *Tioga County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Tioga Keeneyville 41°49'23"N 77°17'01"W	Huntley Mountain sandstone	
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 324-2514	quarry Blossburg Liberty 41°37'19"N 77°06'57"W	Huntley Mountain sandstone Burgoon sandstone	

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### AGGREGATE, COARSE (cont.)

#### SANDSTONE (cont.)

##### *Tioga County (cont.)*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449	quarry Antrim Aggregates Plant #25 Antrim 41°38'10"N 77°15'40"W	Pottsville sandstone	Mining sandstone and shale.
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##### *Wayne County*

Bedrock Quarries, Inc.  
PO Box 79  
Skippack, PA 19474-0079  
(610) 584-8500 (570) 224-6835  
<http://www.hkggroup.com>

quarry  
Bedrock Quarry  
Galilee  
41°41'41"N  
75°10'55"W

Catskill  
sandstone

H & K Group, Inc.  
PO Box 196  
Skippack, PA 19474-0196  
(610) 584-8500 (570) 226-4728  
<http://www.hkggroup.com>

quarry  
Atkinson Materials  
Hawley  
41°28'09"N  
75°11'35"W

Catskill  
sandstone

Hanson Aggregates Pennsylvania, LLC  
7660 Imperial Way  
Allentown, PA 18195-1040  
(610) 366-4600 (570) 698-5631

quarry  
Lake Ariel  
Lake Ariel  
41°28'06"N  
75°24'31"W

Catskill  
sandstone

Mining the Poplar Gap and Packerton Members of the Catskill Formation.

Linde, E.R., Construction Corp.  
9 Collan Park  
Honesdale, PA 18431-7654  
(570) 253-4090 (570) 226-7625

quarry  
Leeward Middle Creek Quarry  
Hawley  
41°28'21"N  
75°11'33"W

Catskill  
sandstone

Produces full range of PennDOT-approved products.

Star Pond LLC  
315 Old Route 10  
Deposit, NY 13754-2106  
(607) 467-4990

quarry  
Star Pond Quarry  
Starrucca  
41°58'08"N  
75°23'19"W

Catskill  
sandstone

Gray sandstone.

##### *Wyoming County*

H & K Group, Inc.  
PO Box 196  
Skippack, PA 19474-0196  
(610) 584-8500 (570) 586-7461  
<http://www.hkggroup.com>

quarry  
Hilltop Quarry  
Ransom  
41°28'55"N  
75°48'54"W

Catskill  
sandstone

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### AGGREGATE, COARSE (cont.)

#### SERPENTINITE

##### *Lancaster County*

H & K Group, Inc.		quarry	Baltimore Mafic Complex	
PO Box 196		Penn/Md Materials	serpentinite	
Skippack, PA 19474-0196		Conowingo Dam		
(610) 584-8500	(717) 548-2147	39°43'18"N		
<a href="http://www.hkgroup.com">http://www.hkgroup.com</a>		76°08'56"W		

#### SILTSTONE

##### *Perry County*

Pennsy Supply, Inc.		quarry	Trimmers Rock	See Dyson (1967) for geology.
PO Box 3331		Newport	siltstone	
Harrisburg, PA 17105-3331		Newport	Brallier	
(717) 236-7023	(717) 567-3197	40°28'10"N	siltstone	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		77°08'10"W		

##### *Schuylkill County*

Pennsy Supply, Inc.		quarry	Trimmers Rock	
PO Box 3331		Summit Stone	siltstone	
Harrisburg, PA 17105-3331		Friedensburg		
(717) 236-7023	(717) 754-7508	40°34'27"N		
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		76°11'06"W		

#### SLAG

##### *Beaver County*

Beaver Valley Slag		slag bank		
100 Bet-Tech Drive		Beaver Valley Slag	slag	
Aliquippa, PA 15001		Beaver		
(724) 773-0444	(724) 375-6170	40°39'04"N		
<a href="http://bvslag.com">http://bvslag.com</a>		80°15'32"W		

##### *Cambria County*

Phoenix SVC, LLC		slag bank		Blast-furnace slag.
148 West State Street, Ste. 301		Johnstown	slag	
Kennett Square, 19348-3021		Geistown		
(610) 347-0444	(814) 539-0710	40°21'26"N		
<a href="http://phxslag.com">http://phxslag.com</a>		78°51'26"W		
Tube City IMS, LLC		slag bank		
1155 Business Center Drive, Suite 200		Parkhill	slag	
Horsham, PA 19044-3454		Geistown		
(215) 956-5639	(814) 535-1911	40°21'52"N		
<a href="http://www.tubecityims.com/">http://www.tubecityims.com/</a>		78°51'54"W		

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### AGGREGATE, COARSE (cont.)

#### SLAG (cont.)

##### *Westmoreland County*

Tube City IMS, LLC 1155 Business Center Drive, Suite 200 Horsham, PA 19044-3454 (215) 956-5639 (412) 929-4515 <a href="http://www.tubecityims.com/">http://www.tubecityims.com/</a>	slag bank Patton Site Donora 40°09'17"N 79°50'09"W	slag	
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### AGGREGATE, FINE ALLUVIUM/COLUVIUM

#### *Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	open pit Mainsville 2 Scotland 39°59'42"N 77°30'38"W	Quaternary alluvium/colluvium	Colluvium is sandstone.
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### ARGILLITE

#### *Berks County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (610) 326-5921 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Douglassville Quarry Boyertown 40°15'33"N 75°41'36"W	Brunswick argillite	Very near diabase contact.
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#### *Bucks County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (215) 822-2200 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry H & K Materials Doylestown 40°19'37"N 75°13'35"W	Lockatong argillite Brunswick siltstone	See Willard and others (1959) for geology.
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Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (610) 847-5211	quarry Ottsville Quarry Bedminster 40°29'42"N 75°10'13"W	Lockatong argillite	
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Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (215) 598-3152	quarry Penns Park Quarry Buckingham 40°15'27"N 75°00'48"W	Lockatong argillite	
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### AGGREGATE, FINE (cont.)

#### ARGILLITE (cont.)

##### *Bucks County (cont.)*

Naceville Materials 350 South Main Street, Suite 207 Doylestown, PA 18901 (267) 880-2422 (215) 598-7801 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Miller Materials Buckingham 40°15'57"N 75°01'19"W	Lockatong argillite	Also known as "Rushland" or "Rushville." Construction aggregate and bituminous asphalt paving materials. Geology according to Berg and Dodge (1981).
Naceville Materials 350 South Main Street, Suite 207 Doylestown, PA 18901 (267) 880-2422 (215) 453-8933 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Naceville Materials Telford 40°21'31"N 75°22'23"W	Lockatong-Brunswick argillite York Haven diabase	Operates as joint venture with H & K Group. See Willard and others (1959) for geology.
Naceville Materials 350 South Main Street, Suite 207 Doylestown, PA 18901 (267) 880-2422 (215) 766-2206 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Plumstead Materials Lumberville 40°22'31"N 75°07'06"W	Lockatong argillite	Operates as joint venture with H & K Group

##### *Montgomery County*

H & K Group, Inc. PO Box 196 Skipack, PA 19474-0196 (610) 584-8500 (610) 326-4843 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Sanatoga Quarry Phoenixville 40°14'04"N 75°35'32"W	Lockatong argillite	
Harleysville Materials LLC 427 S White Horse Pike Berlin, NJ 08009-9003 (856) 768-8493 (215) 256-8813 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Harleysville Materials Perkiomenville 40°16'39"N 75°24'26"W	Lockatong argillite	

### ARGILLITE AND HORNFELS

#### *Adams County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 334-3165 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Gettysburg Gettysburg 39°48'05"N 77°12'45"W	Gettysburg argillite and hornfels	See Hoff (1978) for geology and mineralogy. See Wood (1980) for regional geology.
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**AGGREGATE, FINE (cont.)**  
**CALCAREOUS SANDSTONE**

*Monroe County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 992-4951	quarry Bossardville Saylorsburg 40°55'30"N 75°16'06"W	Decker calcareous sandstone Poxono Island limestone and dolomite	Mining the Decker through Poxono Island, undivided. Selective mining for aggregate, Bossardville limestone for SRL L, and Decker for SRL H.
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**DIABASE**

*Berks County*

Dyer Quarry, Inc. PO Box 188 Birdsboro, PA 19508-0188 (610) 582-6010	quarry Dyer Quarry Birdsboro 40°15'57"N 75°51'18"W	York Haven diabase	Traditional source of high-quality railroad ballast. Geology according to Wood (1980).
H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (610) 404-8440 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Birdsboro Materials Elverson 40°14'54"N 75°49'06"W	York Haven diabase	Geology from Smith, R.C., II (personal communication, June 16, 2009).

*Lancaster County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (717) 445-7430 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Silver Hill Morgantown 40°11'14"N 75°58'34"W	York Haven diabase Hammer Creek argillite	See Wood (1980) for geology. Diabase identification from Smith, R.C., II (pers. comm. June 16, 2009).
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**DOLOMITE**

*Berks County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 683-7400 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Eastern Kutztown Topton 40°30'42"N 75°43'33"W	Allentown dolomite	
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*Centre County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (814) 353-2352	quarry Curtin Gap Mingoville 40°56'34"N 77°42'58"W	Nittany dolomite Bellefonte dolomite	Selectively mining the Nittany and Bellefonte, which produce SRL G aggregate, and the Axemann, which produces SRL M aggregate.
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### AGGREGATE, FINE (cont.)

#### DOLOMITE (cont.)

##### *Chester County*

Hanson Aggregates Pennsylvania, LLC		quarry	Ledger	Also mining Zooks Corner Dolomite and Henderson Marble. For analysis, see O'Neill (1964, p. 19). For geology, see MacLachlan (1994).
7660 Imperial Way		Downingtown	dolomite	
Allentown, PA 18195-1040		Downingtown	Conestoga	
(610) 366-4600	(610) 269-1710	40°00'45"N	limestone	
		75°40'10"W		

##### *Lancaster County*

Pennsy Supply, Inc.		quarry	Snitz Creek	
PO Box 3331		Landisville Quarry	dolomite	
Harrisburg, PA 17105-3331		Columbia East	Buffalo Springs	
(717) 236-7023	(717) 898-2278	40°05'18"N	limestone	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		76°26'55"W		

##### *Lebanon County*

Pennsy Supply, Inc.		quarry	Ontelaunee	Stripping Ontelaunee to mine Annville. May selectively mine underground. See O'Neill (1976) and Sims (1968) for analyses, Geyer (1970) for geology, Turley (1993) for description.
PO Box 3331		Millard	dolomite	
Harrisburg, PA 17105-3331		Palmyra	Annville	
(717) 236-7023		40°19'30"N	limestone	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		76°34'00"W		

##### *Montgomery County*

Highway Materials, Inc.		quarry	Ledger	See O'Neill (1964) for analysis.
1750 Walton Road		Plymouth Meeting	dolomite	
Blue Bell, PA 19422-0465		Germantown		
(610) 832-8000	(610) 828-4300	40°06'27"N		
		75°14'54"W		

##### *Northampton County*

H & K Group, Inc.		quarry	Epler	
PO Box 196		A.B.E. Materials - Easton	dolomite	
Skippack, PA 19474-0196		Bangor	Jacksonburg	
(610) 584-8500	(610) 250-7700	40°45'56"N	limestone	
<a href="http://www.hkgroup.com">http://www.hkgroup.com</a>		75°11'16"W		

##### *York County*

York Building Products Company, Inc.		quarry	Vintage	For geology see Stose and Jonas (1939) and Ganis and Hopkins (1995).
PO Box 1708		Lincoln Stone	dolomite	
York, PA 17405-1708		West York		
(717) 848-2831	(717) 792-1200	39°54'58"N		
<a href="http://www.yorkbuilding.com/">http://www.yorkbuilding.com/</a>		76°52'00"W		

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### AGGREGATE, FINE (cont.)

#### DOLOMITE (cont.)

##### *York County (cont.)*

York Building Products Company, Inc. PO Box 1708 York, PA 17405 (717) 848-2831 <a href="http://www.yorkbuilding.com/">http://www.yorkbuilding.com/</a>	quarry Roosevelt Quarry West York 39°58'07"N 76°45'15"W	Ledger dolomite	Geology from Wilshusen (1979).
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### DOLOMITE AND LIMESTONE

#### *Dauphin County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Hummelstown Hershey 40°16'26"N 76°42'11"W	Ontelaunee dolomite and limestone	Some minor Epler and Annville on property.
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#### *Lehigh County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Ormrod Cementon 40°39'58"N 75°32'56"W	Epler dolomite and limestone	
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#### *Northampton County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Nazareth Nazareth 40°44'02"N 75°17'26"W	Epler dolomite and limestone	
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### GNEISS

#### *Berks County*

Martin Stone Quarries, Inc. 1355 North Reading Avenue Bechtelsville, PA 19505-0297 (610) 367-2011 <a href="http://martinstone.com">http://martinstone.com</a>	quarry Martin Stone Quarry Boyertown 40°22'56"N 75°37'46"W	Pochuck gneiss	Crushed stone. See Buckwalter (1959) for geology and Pennsylvania Geological Survey (1984) for description.
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### AGGREGATE, FINE (cont.)

#### GNEISS (cont.)

##### *Delaware County*

H & K Group, Inc. PO Box 196 Skipack, PA 19474-0196 (610) 584-8500 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	(610) 494-4722	quarry Pyramid Materials Media 39°52'38"N 75°25'30"W	Wissahickon gneiss Wissahickon schist	
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600	(610) 459-2492	quarry Glen Mills Media 39°55'10"N 75°29'09"W	Baltimore gneiss	Felsic to mafic gneiss and calcsilicates. See Parrott (1974) for geological description. See Atlee (1994) for history.

### GRANITIC GNEISS

#### *Chester County*

Myers, Allan A., LP., dba Independent Construction PO Box 98 Worcester, PA 19490-0098 (610) 584-6020 <a href="http://www.americaninfrastructure.com/">http://www.americaninfrastructure.com/</a>	(610) 296-1793	quarry Devault Quarry Malvern 40°04'52"N 75°32'09"W	Precambrian granitic gneiss	
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### HORNFELS

#### *Montgomery County*

Highway Materials, Inc. 1750 Walton Road Blue Bell, PA 19422-0465 (610) 832-8000	(215) 234-4522	quarry Perkiomenville Perkiomenville 40°19'22"N 75°28'20"W	Brunswick hornfels	
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### LIMESTONE

#### *Adams County*

Vulcan Construction Materials, LP 875 Oxford Avenue Hanover, PA 17331 (804) 717-8374 <a href="http://www.vulcanmaterials.com">http://www.vulcanmaterials.com</a>	(717) 637-7121	quarry Hanover McSherrystown 39°50'00"N 77°02'00"W	Kinzers limestone Ledger dolomite	Selectively mining in a geologically complex setting. See Berkheiser (1983) and Hole (1968) for analyses.
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### AGGREGATE, FINE (cont.)

#### LIMESTONE (cont.)

##### *Armstrong County*

M & M Lime Company 215 Nichola Road Worthington, PA 16262-4303 (724) 297-3958	underground mine M & M 6 Mine Worthington 40°51'45"N 79°40'50"W	Vanport limestone	See O'Neill (1974) for general geologic description.
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##### *Bedford County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 652-5121 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Ashcom Clearville 39°59'51"N 78°25'31"W	Coburn-Loysburg limestone	Mining the Coburn through Loysburg interval. Selectively mining the Linden Hall and Snyder for high-calcium products. A composite of 93 feet yields 92 percent CaCO <sub>3</sub> and 2.9 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). See MacQueen (1993).
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##### *Berks County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 689-9551 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Oley Birdsboro 40°21'20"N 75°48'02"W	Annville limestone Ontelaunee dolomite and limestone	See MacLachlan (1983) and Smith (1977) for geology, and O'Neill (1964) for analysis.
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##### *Blair County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 224-2121 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Roaring Spring Roaring Spring 40°20'46"N 78°23'55"W	Coburn-Loysburg limestone Bellefonte dolomite	Mining the entire Coburn through Axemann interval. See Remick (1991) for SO <sub>2</sub> sorbent application. See Atlee (1989) for history.
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##### *Centre County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (814) 466-6216	quarry Oak Hall State College 40°47'49"N 77°48'39"W	Salona-Snyder limestone	A section of 212 feet contains 92 percent CaCO <sub>3</sub> and 2.9 MgCO <sub>3</sub> (R. C. Smith, II, unpub. data, 1995). See Berkheiser and Smith (1995). See Miller (1934, p. 288) for early operations.
Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (814) 359-3411 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Whiterock Quarry Agg. Plant #2 Centre Hall 40°52'21"N 77°43'45"W	Nealmont limestone Salona limestone	Aggregate is also produced from the Linden Hall, Snyder, and Hatter. PennDOT approved products (Type A, SRL L).

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### AGGREGATE, FINE (cont.)

#### LIMESTONE (cont.)

##### *Clinton County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 726-4511	quarry Salona Mill Hall 41°05'18"N 77°27'54"W	Coburn-Loysburg limestone	Mining Coburn through Loysburg, undivided. See O'Neill (1964) for analysis. Rones (1969) included a discussion of the stratigraphy.
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##### *Cumberland County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 532-2312 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Shippensburg Walnut Bottom 40°05'52"N 77°28'08"W	Stonehenge limestone Rockdale Run limestone and dolomite	See O'Neill (1964) for analysis.
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Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 766-7676 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Silver Spring Mechanicsburg 40°14'56"N 77°00'55"W	Chambersburg limestone	See Root (1978) for geology.
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##### *Dauphin County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 566-7521 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Fiddlers Elbow Quarry Middletown 40°14'27"N 76°43'59"W	Ontelaunee limestone	Geology according to Berg and Dodge (1981).
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##### *Fayette County*

Bullskin Stone & Lime LLC PO Box 528 Latrobe, PA 15650-0528 (724) 220-5771 <a href="http://bullskinstone.com">http://bullskinstone.com</a>	underground mine Bullskin 1 Mine Connellsville 40°05'59"N 79°30'08"W	Loyalhanna limestone	All sized and gradations of aggregate.
Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (724) 628-5027	underground mine Rich Hill Quarry Connellsville 40°02'33"N 79°30'56"W	Loyalhanna limestone	Crushed stone.

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### AGGREGATE, FINE (cont.)

#### LIMESTONE (cont.)

#### *Fayette County (cont.)*

Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (724) 626-8437	underground mine Springfield Pike Quarry Connellsville 40°00'54"N 79°32'14"W	Loyalhanna limestone	Crushed stone.
Laurel Aggregates, Inc. 250 Lakewood Center Morgantown, WV 26508-4457 (304) 296-7501 (724) 564-5099 <a href="http://www.laurelaggregates.com/">http://www.laurelaggregates.com/</a>	quarry Lake Lynn Quarry Lake Lynn 39°44'00"N 79°45'21"W	Loyalhanna limestone Pocono sandstone	Geology according to Berg and Dodge (1981).
<i>Franklin County</i>			
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 264-4178 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Chambersburg Chambersburg 39°52'58"N 77°39'03"W	Stonehenge limestone Rockdale Run limestone and dolomite	See O'Neill (1964) for chemical analysis. Also see Root (1971) for geology and partial chemical analyses. See Staff of Valley Quarries, Inc. (1993) for the company's view of its reclamation effort.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 349-2412 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Dry Run Shade Gap 40°10'09"N 77°45'38"W	Chambersburg limestone	See Nickelsen (1996) for structural features and geologic description. See Atlee (1989) for history.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 369-3098 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Williamson Quarry Williamson 39°51'24"N 77°48'16"W	St. Paul limestone Chambersburg limestone	
St. Thomas Dev., Inc. 1750 Walton Road Blue Bell, PA 19422-0465 (610) 832-8000 (717) 369-3030	quarry St. Thomas Dev. Quarry St. Thomas 39°55'15"N 77°48'31"W	Chambersburg limestone Martinsburg shale	

#### *Huntingdon County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 447-3295 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Orbisonia Shade Gap 40°13'31"N 77°52'01"W	Coburn-Loysburg limestone Bellefonte dolomite	Mining the entire Coburn through Loysburg interval. Also mining Bellefonte Dolomite. See Atlee (1989) for history.
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### AGGREGATE, FINE (cont.)

#### LIMESTONE (cont.)

##### *Huntingdon County (cont.)*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 684-3180 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Union Furnace Spruce Creek 40°37'31"N 78°09'56"W	Coburn-Loysburg limestone Bellefonte dolomite	Mining the Coburn through Loysburg interval. Nearby roadcut includes 211 feet of section containing 93 percent CaCO <sub>3</sub> and 2.8 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). See Rones (1969) for description of nearby section. See Atlee (1989) for history.
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##### *Jefferson County*

Original Fuels, Inc. PO Box 343 Punxsutawney, PA 15767-0343 (814) 938-5171 (814) 938-4883	quarry Grange Lime & Stone Valier 40°56'16"N 79°05'41"W	Allegheny limestone	Produces sized sandstone and limestone.
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##### *Juniata County*

Fulkroad, Jay, and Sons, Inc. 2736 Free Spring Church Road McAlisterville, PA 17049-9600 (717) 463-3701	quarry Fulkroad and Sons Millerstown 40°37'28"N 77°14'57"W	Keyser-Tonoloway limestone	See Fail and Wells (1974) for geology.
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##### *Lancaster County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 335-4545 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Schoeneck Ephrata 40°14'08"N 76°10'50"W	Annville limestone Ontelaunee dolomite	See Berkheiser (1983) for analysis.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 354-1340 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Burkholder Terre Hill 40°09'24"N 76°05'57"W	Epler limestone Annville limestone	Also producing from the Hershey and Meyerstown.

##### *Lawrence County*

Allegheny Mineral Corp. PO Box 1022 Kittanning, PA 16201-5022 (724) 548-8101	quarry Princeton Mine Portersville 40°57'20"N 80°11'48"W	Vanport limestone	
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### AGGREGATE, FINE (cont.)

#### LIMESTONE (cont.)

##### *Lebanon County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Fontana Lebanon 40°16'06"N 76°28'43"W	Buffalo Springs limestone	
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Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Prescott Richland 40°21'19"N 76°21'28"W	Annaville limestone Ontelaunee dolomite	
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##### *Lehigh County*

Coplay Aggregates, Inc. PO Box 143 Orefield, PA 18069-0143 (610) 262-3804	quarry Coplay Whitehall Cementon 40°40'22"N 75°30'47"W	Jacksonburg limestone	
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Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Whitehall Cementon 40°39'45"N 75°31'16"W	Jacksonburg limestone Epler dolomite	Includes argillaceous (shaly) limestone.
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##### *Lycoming County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600	quarry Pine Creek Linden 41°09'14"N 77°12'51"W	Coburn limestone Hatter limestone	Includes 68 ft. containing 94 percent CaCO <sub>3</sub> and 2.4 percent MgCO <sub>3</sub> from the upper part of the Linden Hall. See Faill and others (1977) for geology and analyses.
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##### *Mifflin County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Naginey Burnham 40°42'39"N 77°33'21"W	Coburn-Loysburg limestone Linden Hall limestone	A roadcut in the area exposes 206 feet of section containing 92 percent CaCO <sub>3</sub> and 2.4 MgCO <sub>3</sub> . Of this, 109 feet contains 95 percent CaCO <sub>3</sub> and 2.2 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995).
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### AGGREGATE, FINE (cont.)

#### LIMESTONE (cont.)

##### *Montour County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 437-2041	quarry Milton Washingtonville 41°01'51"N 76°43'48"W	Keyser-Tonoloway limestone	Keyser and Tonoloway are undivided. Faill (1979) reports 99 feet contain 92 percent CaCO <sub>3</sub> and 2.1 MgCO <sub>3</sub> . This is likely in the base of the Keyser. See Way (1993) for geology.
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##### *Northampton County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 258-2345 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Martins Creek Bangor 40°46'50"N 75°10'26"W	Jacksonburg limestone Quaternary glacial gravel	
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##### *Northumberland County*

Meckley's Limestone Products, Inc. 1543 State Route 225 Herndon, PA 17830-9665 (570) 758-3011	quarry Mandata Pillow 40°40'28"N 76°50'06"W	Keyser-Tonoloway limestone	See Faill and others (1973) and Hoskins (1976) for description, geology, and analyses. See Meckley (1996) for a perspective on the company's history.
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##### *Perry County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Dromgold Shermans Dale 40°20'58"N 77°13'26"W	Keyser limestone	Intermittent production. See Dyson (1967) for geology.
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##### *Snyder County*

National Limestone Quarry, Inc. PO Box 397 Middleburg, PA 17842-0397 (570) 837-1635 (570) 539-4405	quarry Mt. Pleasant Mills Richfield 40°43'34"N 77°01'29"W	Keyser-Tonoloway limestone	Also mining Old Port sandstone
National Limestone Quarry, Inc. PO Box 397 Middleburg, PA 17842-0397 (570) 837-1635	quarry Paxtonville Middleburg 40°46'01"N 77°07'10"W	Keyser-Tonoloway limestone	See O'Neill (1964) for analysis.

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### AGGREGATE, FINE (cont.)

#### LIMESTONE (cont.)

##### *Union County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 524-1103 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Lewisburg Lewisburg 40°58'21"N 76°56'23"W	Keyser-Tonoloway limestone	
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Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (570) 524-2251 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Winfield Northumberland 40°54'23"N 76°51'40"W	Keyser-Tonoloway limestone	
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##### *Venango County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (888) 603-5354	quarry Berg Mine Plant #14 Barkeyville 41°11'36"N 79°59'26"W	Vanport limestone	PennDOT approved products (Type A, SRL L).
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##### *Westmoreland County*

Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (724) 537-5530	underground mine Latrobe Quarry Derry 40°16'22"N 79°17'46"W	Loyalhanna limestone	Crushed stone
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Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (724) 459-6031	underground mine Torrance Quarry Bolivar 40°24'21"N 79°13'07"W	Loyalhanna limestone	Crushed stone
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Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (724) 423-3601	underground mine Whitney Quarry Mammoth 40°13'40"N 79°22'50"W	Loyalhanna limestone	Crushed stone
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Ligonier Stone & Lime Co. 117 Marcia St. Latrobe, PA 15650-4300 (724) 537-6023 (724) 459-3971	quarry Derry Stone & Lime Blairsville 40°23'10"N 79°16'20"W	Monongahela limestone	Various sizes.
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### AGGREGATE, FINE (cont.)

#### LIMESTONE (cont.)

##### *York County*

Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Ensminger West York 39°56'14"N 76°47'20"W	Kinzers limestone	See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.
Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Williams West York 39°56'15"N 76°46'58"W	Kinzers limestone	See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.

#### LIMESTONE AND DOLOMITE

##### *Cumberland County*

Union Quarries, Inc. 102 Bonnybrook Road Carlisle, PA 17013 (717) 249-5012 <a href="http://www.unionquarries.com">http://www.unionquarries.com</a>	quarry Bonny Brook Carlisle 40°10'44"N 77°10'58"W	Zullinger limestone and dolomite	See Root (1978) for geology.
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##### *Lancaster County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 335-4500 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Denver Terre Hill 40°13'26"N 76°07'17"W	Epler limestone and dolomite	
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 354-1370 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Weaverland Terre Hill 40°08'15"N 76°03'26"W	Stonehenge limestone and dolomite Buffalo Springs limestone	See Kauffman (1999), Poth (1977), Jonas and Stose (1926).
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry East Petersburg Quarry Lancaster 40°06'39"N 76°21'40"W	Buffalo Springs limestone and dolomite	

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**AGGREGATE, FINE (cont.)**  
**LIMESTONE AND DOLOMITE (cont.)**  
*Lancaster County (cont.)*

Rohrer's Quarry, Inc. PO Box 365 Lititz, PA 17543-0365 (717) 626-9760 <a href="http://www.rohrersquarry.com/">http://www.rohrersquarry.com/</a>	quarry Rohrer's Lititz 40°07'57"N 76°20'06"W	Epler limestone and dolomite	See O'Neill (1964) for analysis.
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**LIMESTONE CONGLOMERATE**  
*Adams County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 642-8535 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Fairfield Fairfield 39°47'36"N 77°21'23"W	Gettysburg limestone conglomerate Beekmantown limestone and dolomite	Mining Mesozoic limestone conglomerates and possibly underlying Beekmantown carbonates. See Stose and Bascom (1929) for geology.
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**QUARTZITE**  
*Berks County*

Highway Materials, Inc. 1750 Walton Road Blue Bell, PA 19422-0465 (610) 832-8000 (610) 929-4922	quarry Temple Quarry Temple 40°23'54"N 75°52'34"W	Hardyston quartzite Hardyston sandstone	Geology from MacLachlan (1979).
Martin Stone Quarries, Inc. 1355 North Reading Avenue Bechtelsville, PA 19505-0297 (610) 367-2011 <a href="http://martinstone.com">http://martinstone.com</a>	quarry Martin Stone Quarry Boyertown 40°22'56"N 75°37'46"W	Hardyston quartzite	See Buckwalter (1959) for geology and Pennsylvania Geological Survey (1984) for description.

*Chester County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (610) 273-2921 <a href="http://www.martinlimestone.com/">http://www.martinlimestone.com/</a>	quarry Honey Brook Honey Brook 40°07'26"N 75°54'14"W	Chickies quartzite	See Berkheiser (1985a) for chemical analyses.
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### AGGREGATE, FINE (cont.)

#### QUARTZITE (cont.)

##### *York County*

County Line Quarry, Inc. PO Box 1667 Blue Bell, PA 19422-0465 (717) 252-1584		open pit County Line Quarry Columbia West 40°00'44"N 76°32'05"W	Antietam quartzite	See Ganis and Hopkins (1984a, 1995) for descriptions.
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#### QUARTZOSE LIMESTONE

##### *Fayette County*

Coolspring Mining, Inc. PO Box 1328 Uniontown, PA 15401-1328 (724) 437-8663 (412) 437-5200		quarry Coolspring Uniontown 39°53'56"N 79°38'49"W	Loyalhanna quartzose limestone Pocono sandstone	See Miller (1934).
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##### *Somerset County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 443-9950 <a href="http://www.nesl.com/">http://www.nesl.com/</a>		quarry Bakersville Seven Springs 40°03'57"N 79°15'18"W	Loyalhanna quartzose limestone Burgoon sandstone	Selectively mining the Loyalhanna limestone and Burgoon sandstone. See Atlee (1989) for history.
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New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 754-4921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>		quarry Ogletown Ogletown 40°14'18"N 78°41'18"W	Loyalhanna quartzose limestone Mauch Chunk sandstone	See Atlee (1989) for history.
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#### SAND

##### *Crawford County*

Tucci, Frank 25000 Pa Route 99 Cambridge Springs, PA 16403-9802 (814) 398-8111		open pit Orr Mine Millers Station 41°48'38"N 79°57'30"W	Quaternary sand	
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##### *Schuylkill County*

Grow, Helen I. PO Box 154 Ringtown, PA 17967 (570) 889-5153		open pit The Hill Ashland 40°51'18"N 76°16'34"W	Quaternary sand	Mining a glacial kame deposit. See Braun and Springman (1983) for a discussion of the geology.
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### AGGREGATE, FINE (cont.)

#### SAND AND GRAVEL

##### *Allegheny County*

Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080	(412) 264-2797	dredge Coraopolis Sand & Gravel Ambridge 40°31'22"N 80°10'02"W	Quaternary sand and gravel	Mining glacial sand and gravel.
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##### *Bradford County*

Dalrymple Gravel and Contracting Co., Inc. 2105 South Broadway Pine City, NY 14871-9700 (607) 737-6200	(607) 529-3235	open pit Chemung Sayre 41°59'58"N 76°36'39"W	Quaternary sand and gravel	Mining glacial outwash on the floodplain of the Chemung River.
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Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	(570) 888-2268	open pit Greens Landing Plant #38 Sayre 41°55'16"N 76°31'43"W	Quaternary sand and gravel	PennDOT approved products (Type A, SRL E). Unstratified Olean glacial drift.
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##### *Columbia County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600	(570) 784-1640	open pit Bloomsburg Sand and Gravel Bloomsburg 41°01'44"N 76°26'22"W	Quaternary sand and gravel	Apparently mining Olean outwash. For geology, see Inners (1981).
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Zeisloft Construction Company PO Box 338 Bloomsburg, PA 17815-0338 (570) 784-6578	(570) 204-5967	open pit Zeisloft Bloomsburg 41°04'32"N 76°25'43"W	Quaternary sand and gravel	Mining alluvium.
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##### *Crawford County*

Lakeland Aggregates, Inc. 7013 Atlantic Lake Road Conneaut Lake, PA 16316 (814) 382-8178	(814) 382-5345	open pit Conneaut Lake Mine Conneaut Lake 41°35'59"N 80°17'10"W	Quaternary sand and gravel	
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### AGGREGATE, FINE (cont.)

### SAND AND GRAVEL (cont.)

#### *Erie County*

Girts Sand and Gravel 11850 Findley Lake Road North East, PA 16428-4259 (814) 725-9757	open pit Girts Sand and Gravel North East 42°12'11"N 79°47'36"W	Quaternary sand and gravel	Mapped as kames, kame terraces, kame moraines, and eskers, undifferentiated (Shepps and others, 1959).
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Wroblewski Sand and Gravel, Inc. 12907 Halfmoon Road Wattsburg, PA 16442-9328 (814) 739-2085	open pit Wroblewski Sand and Gravel Wattsburg 42°02'35"N 79°49'23"W	Quaternary sand and gravel	Mining glacial sand and gravel and alluvium of French Creek.
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#### *Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 352-7081 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	open pit Mt. Cydonia No. 2 Scotland 39°54'44"N 77°31'40"W	Quaternary sand and gravel	Mines a quartz- and sandstone-rich alluvium.
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#### *Luzerne County*

Riverview Block, Inc. 1507 Salem Boulevard Berwick, PA 18603-6914 (570) 752-7191 (570) 752-3382 <a href="http://www.riverview-block.com">www.riverview-block.com</a>	open pit Riverview Berwick 41°04'06"N 76°11'22"W	Quaternary sand and gravel	#57 and 2A coarse aggregate. Type A and B3 fine aggregate. Type AS1 antiskid.
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#### *Lycoming County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 368-2666	open pit Montoursville Montoursville South 41°14'18"N 76°54'36"W	Quaternary sand and gravel	Mapped as alluvium of the West Branch Susquehanna River. See Fail (1979) for geology.
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#### *Tioga County*

Fisher Aggregate 1658 Buckwheat Hollow Road Lawrenceville, PA 16929-8745 (570) 827-2620 (607) 769-3609	open pit Fisher Aggregate Jackson Summit 41°59'52"N 77°06'46"W	Quaternary sand and gravel	Bedding sand.
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### AGGREGATE, FINE (cont.)

### SAND AND GRAVEL (cont.)

#### *Tioga County (cont.)*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	open pit Lawrenceville Aggregate Plant #20 Jackson Summit 41°57'08"N 77°05'50"W	Quaternary sand and gravel	PennDOT approved products (Type C).
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#### *Venango County*

Cooperstown Sand and Gravel PO Box 4 Cooperstown, PA 16317-0004 (814) 432-3448 <a href="http://sandgravelandconcrete.com">http://sandgravelandconcrete.com</a>	open pit Tionesta 3 Franklin 41°29'18"N 79°52'00"W	Quaternary sand and gravel	Bank-run and dredged aggregate. Probably glacial valley outwash.
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#### *Warren County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	open pit Brokenstraw Aggregate Plant #22 Pittsfield 41°51'27"N 79°23'48"W	Quaternary sand and gravel	PennDOT approved products (Type C). Mapped as outwash, river terraces, and lake deposits, undifferentiated (Shepps and others, 1959).
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#### *Westmoreland County*

Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080	dredge Lower Burrell Sand & Gravel New Kensington West 40°33'12"N 79°45'51"W	Quaternary sand and gravel	Mining glacial sand and gravel.
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### SANDSTONE

#### *Bradford County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Bradford County Quarry Ulster 41°46'58"N 76°35'54"W	Catskill sandstone	Claims mined interval is Towanda sandstone and Luther Mills coquinite.
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### AGGREGATE, FINE (cont.)

#### SANDSTONE (cont.)

##### *Cameron County*

Solveson Contr., Inc. 340 Catlin Hollow Drive Emporium, PA 15834-5254 (814) 486-3687	quarry SCI Stone West Creek 41°27'33"N 78°19'11"W	Shenango through Oswayo sandstone	
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##### *Carbon County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Little Gap Palmerton 40°49'51"N 75°31'12"W	Palmerton sandstone	See Sevon (1970) and Epstein and others (1974) for analyses and description.
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H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Jamico South Pit Christmans 40°57'58"N 75°38'37"W	Catskill sandstone	Mining the Duncannon Member of the Catskill Formation. For geology, see Sevon (1975).
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##### *Centre County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (814) 339-7125 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Sandy Ridge Aggregate Plant #9 Sandy Ridge 40°51'07"N 78°14'30"W	Mineral Spring sandstone Laurel Run sandstone	
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##### *Clearfield County*

Kinthead Aggregates LLC 2311 Route 56 E Homer City, PA 15748-6237 (724) 479-2006 (814) 227-4576	quarry Buena Vista Mine McGees Mills 40°53'05"N 78°46'51"W	Allegheny sandstone	
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##### *Columbia County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 784-2888	quarry Bloomsburg Bloomsburg 41°03'44"N 76°29'48"W	Catskill sandstone	Mining a red sandstone, the Sherman Creek Member of the Catskill Formation. For geology, see Inners (1981).
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### AGGREGATE, FINE (cont.)

#### SANDSTONE (cont.)

##### *Cumberland County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 530-1559 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Mt. Cydonia No. 3 Walnut Bottom 40°03'04"N 77°24'54"W	Antietam sandstone	
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 486-5414 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Mount Holly Springs Mount Holly Springs 40°06'14"N 77°13'00"W	Antietam sandstone	See Berkheiser (1985a) for analyses. See Key and Sims (1991) for geology and description.
<i>Dauphin County</i>			
Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 362-3388 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Elizabethville Elizabethville 40°32'26"N 76°48'58"W	Pocono sandstone	Mining the Mount Carbon and Beckville Members of the Pocono Formation. For geology, see Hoskins (1976) and Sevon and others (1986).
<i>Jefferson County</i>			
Original Fuels, Inc. PO Box 343 Punxsutawney, PA 15767-0343 (814) 938-5171 (814) 938-4883	quarry Grange Lime & Stone Valier 40°56'16"N 79°05'41"W	Allegheny sandstone,	Produces sized sandstone and limestone.
<i>Lawrence County</i>			
Mayberry Sand & Gravel, Inc. 4983 State Route 18 New Castle, PA 16102-3449 (724) 657-2801	quarry Mayberry Sand & Gravel Mine Bessemer 40°57'00"N 80°23'10"W	Pottsville sandstone	Geology from DeWolf (1929).
Mayberry Sand & Gravel, Inc. 4983 State Route 18 New Castle, PA 16102-3449 (724) 657-2801	open pit Werner Mine Bessemer 40°56'48"N 80°23'10"W	Pottsville sandstone	Geology from DeWolf (1929).

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### AGGREGATE, FINE (cont.)

#### SANDSTONE (cont.)

##### *Luzerne County*

American Asphalt Paving Company 500 Chase Road Shavertown, PA 18708-9689 (570) 696-1181	quarry Chase Kingston 41°17'26"N 75°57'40"W	Catskill sandstone	Red and gray colors. Predominantly red beds.
American Asphalt Paving Company 500 Chase Road Shavertown, PA 18708-9689 (570) 696-1181	quarry Wilkes-Barre Material, LLC Pittston 41°16'56"N 75°48'15"W	Llewellyn sandstone	Could also be mining the Pottsville.
H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (570) 477-3030 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Pikes Creek Asphalt & Crushed Stone Harveys Lake 41°17'36"N 76°05'10"W	Catskill sandstone	
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 443-8131	quarry White Haven White Haven 41°05'50"N 75°46'24"W	Mauch Chunk sandstone	Mining red sandstone.
Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (570) 453-1305 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Hazleton Aggregates Plant #23 Hazleton 40°59'55"N 75°57'19"W	Llewellyn sandstone	PennDOT approved products (Type A, SRL E).
Hazleton Materials, LLC 2052 Lucon Road Skippack, PA 19474 (610) 584-8500 (570) 636-3300 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Hazleton Materials/Eckley Operation Weatherly 40°59'45"N 75°50'20"W	Pottsville sandstone	
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (570) 654-1972 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Pittston East Quarry Pittston 41°17'21"N 75°45'30"W	Pottsville sandstone	

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### AGGREGATE, FINE (cont.)

#### SANDSTONE (cont.)

#### *Luzerne County (cont.)*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Pittston West Quarry Pittston 41°17'24"N 75°45'48"W	Pottsville sandstone	
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (570) 868-5942 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Small Mountain Quarry Freeland 41°05'06"N 75°57'57"W	Catskill sandstone	Duncannon Member of the Catskill Formation. Geology according to Berg and Dodge (1981).

#### *Lycoming County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (570) 368-3578 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Hagermans Run Aggregate Plant #12 Montoursville South 41°12'45"N 76°58'54"W	Bald Eagle sandstone	PennDOT approved products (Type A, SRL E).
Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (570) 924-4455 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Minnier Quarry Plant #39 Grover 41°31'28"N 76°49'16"W	Huntley Mountain sandstone	PennDOT approved products (Type C).

#### *Monroe County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (570) 223-8060 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry 209 Enterprises East Stroudsburg 41°02'16"N 75°07'36"W	Buttermilk Falls sandstone Buttermilk Falls limestone	
H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (570) 646-3324 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Locust Ridge Thornhurst 41°08'06"N 75°33'38"W	Catskill sandstone	

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### AGGREGATE, FINE (cont.)

#### SANDSTONE (cont.)

##### *Northumberland County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 644-0603 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Shamokin Shamokin 40°46'39"N 76°31'47"W	Llewellyn sandstone	For a map of coal outcrops in the area, see Danilchik and others (1962).
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##### *Perry County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 444-2140 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Liverpool Millersburg 40°33'28"N 76°59'43"W	Pocono sandstone	Mining the Mount Carbon and Beckville Members of the Pocono Formation. See Hoskins (1976) for geology.
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##### *Pike County*

Edwards, George F. 204 State Route 435 Elmhurst, PA 18416-7692 (570) 842-8438 (717) 676-3200	quarry South Sterling Newfoundland 41°16'41"N 75°19'57"W	Catskill sandstone	See Sevon and others (1989) for geology.
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##### *Schuylkill County*

HMMK, LLC PO Box 79 Skipack, PA 19474-0079 (610) 584-8500 (570) 695-0291 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Foster Materials Minersville 40°41'22"N 76°22'06"W	Pottsville sandstone Pottsville conglomerate	
Pottsville Materials LLC 2052 Lucon Road Skipack, PA 19474-0079 (610) 584-8500 (570) 933-0668 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Pottsville Materials Pottsville 40°43'38"N 76°12'42"W	Llewellyn sandstone Pottsville sandstone	Also mining Llewellyn conglomerate.
Rausch Creek Coal Mining LLC 978 Gap Street Valley View, PA 17983-9749 (570) 682-3181 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Rausch Creek Aggregates Tower City 40°36'50"N 76°30'30"W	Llewellyn sandstone	Sized stone.

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### AGGREGATE, FINE (cont.)

#### SANDSTONE (cont.)

##### *Somerset County*

Keystone Lime Company, Inc. PO Box 278 Springs, PA 15562-0278 (814) 662-2711	quarry Rodamer Quarry Markleton 39°45'10"N 79°09'54"W	Burgoon sandstone	
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 443-9950 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Bakersville Seven Springs 40°03'57"N 79°15'18"W	Burgoon sandstone Loyalhanna quartzose limestone	Selectively mining the Loyalhanna limestone and Burgoon sandstone. See Atlee (1989) for history.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 754-4921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Central City Central City 40°07'13"N 78°47'30"W	Allegheny sandstone	Apparently mining sandstone associated with the Kittanning and Clarion coals. See Atlee (1989) for history.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 754-4921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Ishman Ogletown 40°07'50"N 78°45'03"W	Allegheny sandstone	Apparently mining sandstone associated with the Kittanning and Clarion coals. See Atlee (1989) for history.

##### *Susquehanna County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (570) 222-3193 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Clifford Quarry Lenoxville 41°40'25"N 75°37'45"W	Catskill sandstone	
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##### *Tioga County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Tioga Keeneyville 41°49'23"N 77°17'01"W	Huntley Mountain sandstone	
Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (570) 353-2184 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Antrim Aggregates Plant #25 Antrim 41°38'10"N 77°15'40"W	Pottsville sandstone	Mining sandstone and shale.

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### AGGREGATE, FINE (cont.)

#### SANDSTONE (cont.)

##### *Wayne County*

Bedrock Quarries, Inc. PO Box 79 Skipack, PA 19474-0079 (610) 584-8500 (570) 224-6835 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Bedrock Quarry Galilee 41°41'41"N 75°10'55"W	Catskill sandstone	
H & K Group, Inc. PO Box 196 Skipack, PA 19474-0196 (610) 584-8500 (570) 226-4728 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Atkinson Materials Hawley 41°28'09"N 75°11'35"W	Catskill sandstone	
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 698-5631	quarry Lake Ariel Lake Ariel 41°28'06"N 75°24'31"W	Catskill sandstone	Mining the Poplar Gap and Packerton Members of the Catskill Formation.
Star Pond LLC 315 Old Route 10 Deposit, NY 13754-2106 (607) 467-4990	quarry Star Pond Quarry Starrucca 41°58'08"N 75°23'19"W	Catskill sandstone	Gray sandstone.

##### *Wyoming County*

H & K Group, Inc. PO Box 196 Skipack, PA 19474-0196 (610) 584-8500 (570) 586-7461 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Hilltop Quarry Ransom 41°28'55"N 75°48'54"W	Catskill sandstone	
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#### SANDSTONE AND QUARTZITE

##### *Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 352-3411 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Mt. Cydonia No. 1 Scotland 39°53'38"N 77°30'50"W	Antietam sandstone and quartzite	Mines a weathered, friable, varicolored-to-white sandstone. See Berkheiser (1985a) for analysis, Fauth (1968) and Sevon and Van Scyoc (1991) for geology.
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### AGGREGATE, FINE (cont.)

#### SERPENTINITE

##### *Lancaster County*

H & K Group, Inc.		quarry	Baltimore Mafic Complex	
PO Box 196		Penn/Md Materials	serpentinite	
Skippack, PA 19474-0196		Conowingo Dam		
(610) 584-8500	(717) 548-2147	39°43'18"N		
<a href="http://www.hkgroup.com">http://www.hkgroup.com</a>		76°08'56"W		

#### SILTSTONE

##### *Perry County*

Pennsy Supply, Inc.		quarry	Trimmers Rock	See Dyson (1967) for geology.
PO Box 3331		Newport	siltstone	
Harrisburg, PA 17105-3331		Newport	Brallier	
((717) 236-7023	(717) 567-3197	40°28'10"N	siltstone	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		77°08'10"W		

##### *Schuylkill County*

Pennsy Supply, Inc.		quarry	Trimmers Rock	
PO Box 3331		Summit Stone	siltstone	
Harrisburg, PA 17105-3331		Friedensburg		
(717) 236-7023	(717) 754-7508	40°34'27"N		
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		76°11'06"W		

#### SLAG

##### *Beaver County*

Beaver Valley Slag		slag bank		
100 Bet-Tech Drive		Beaver Valley Slag	slag	
Aliquippa, PA 15001		Beaver		
(724) 773-0444	(724) 375-6170	40°39'04"N		
<a href="http://bvslag.com">http://bvslag.com</a>		80°15'32"W		

##### *Cambria County*

Phoenix SVC, LLC		slag bank		
148 West State Street, Ste. 301		Johnstown	slag	Blast-furnace slag
Kennett Square, PA 19348-3021		Geistown		
(610) 347-0444	(814) 539-0710	40°21'26"N		
<a href="http://phxslag.com">http://phxslag.com</a>		78°51'26"W		
Tube City IMS, LLC		slag bank		
1155 Business Center Drive, Suite 200		Parkhill	slag	
Horsham, PA 19044-3454		Geistown		
(215) 956-5639	(814) 535-1911	40°21'52"N		
<a href="http://www.tubecityims.com/">http://www.tubecityims.com/</a>		78°51'54"W		



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### AGGREGATE, FINE (cont.)

#### SLAG (cont.)

##### *Westmoreland County*

Tube City IMS, LLC  
1155 Business Center Drive, Suite 200  
Horsham, PA 19044-3454  
(215) 956-5639 (412) 929-4515  
<http://www.tubecityims.com/>

slag bank  
Patton Site  
Donora  
40°09'17"N  
79°50'09"W

slag

### AGRICULTURAL PRODUCTS

#### DOLOMITE

##### *Berks County*

Eastern Industries, Inc.  
4401 Camp Meeting Road, Suite 200  
Center Valley, PA 18034-9467  
(610) 866-0932 (610) 683-7400  
<http://www.eastern-ind.com/enter.html>

quarry  
Eastern Kutztown  
Topton  
40°30'42"N  
75°43'33"W

Allentown  
dolomite

Pulverized dolomite.

##### *Lancaster County*

New Enterprise Stone & Lime Co., Inc.  
PO Box 77  
New Enterprise, PA 16664-0077  
(814) 766-2211 (717) 442-4148  
<http://www.nesl.com/>

quarry  
Limeville  
Honey Brook  
40°00'28"N  
75°58'21"W

Ledger  
dolomite

Pulverized dolomite, lime.

##### *Montgomery County*

Highway Materials, Inc.  
1750 Walton Road  
Blue Bell, PA 19422-0465  
(610) 832-8000 (610) 828-4300

quarry  
Plymouth Meeting  
Germantown  
40°06'27"N  
75°14'54"W

Ledger  
dolomite

Lime. See O'Neill (1964) for analysis.

##### *York County*

Magnesita Refractories Company  
425 South Salem Church Road  
York, PA 17408-5955  
(717) 792-3611 (717) 792-3683

quarry  
York Quarry  
West York  
39°56'25"N  
76°48'40"W

Ledger  
dolomite

Pulv. dolo., pelletized lime, bedding lime. See Stose and Jonas (1939) for geo., Hopkins (1985a, b) for desc., Ganis and Hopkins (1984b), Hopkins and Ganis (1990), Taylor and Hopkins (1990) for geo. and desc. <1% insol. min. (Ganis and Hopkins, 1995).

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### AGRICULTURAL PRODUCTS (cont.)

#### LIMESTONE

##### *Adams County*

Vulcan Construction Materials, LP 875 Oxford Avenue Hanover, PA 17331 (804) 717-8374 (717) 637-7121 <a href="http://www.vulcanmaterials.com">http://www.vulcanmaterials.com</a>	quarry Hanover McSherrystown 39°50'00"N 77°02'00"W	Kinzers limestone Ledge dolomite	Pulverized carbonate. Selectively mining in a geologically complex setting. See Berkheiser (1983) and Hole (1968) for analyses.
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##### *Armstrong County*

M & M Lime Company 215 Nichola Road Worthington, PA 16262-4303 (724) 297-3958	underground mine M & M 6 Mine Worthington 40°51'45"N 79°40'50"W	Vanport limestone	Pulverized limestone. See O'Neill (1974) for general geologic description.
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M & M Lime Company 215 Nichola Road Worthington, PA 16262-4303 (724) 297-3958	underground mine Mine 5 Worthington 40°51'58"N 79°41'23"W	Vanport limestone	Pulverized limestone. See O'Neill (1964, 1974) for general geologic descriptions.
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##### *Centre County*

Graymont PA., Inc. 965 East College Avenue Bellefonte, PA 16823-6823 (814) 355-4761 (814) 357-4525 <a href="http://www.graymont.com/">http://www.graymont.com/</a>	underground mine Nos. 1 and 2 Mingoville 40°53'16"N 77°42'35"W	Valentine limestone	Pulverized limestone. Mining the Valentine Member of the Linden Hall Formation. Location is for entrance to Numbers 1 and 2. Number 3 is nearby.
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##### *Cumberland County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 532-2312 <a href="http://www.valleyquarries.com/">http://www.valleyquarries.com/</a>	quarry Shippensburg Walnut Bottom 40°05'52"N 77°28'08"W	Stonehenge limestone Rockdale Run limestone and dolomite	Pulverized limestone. See O'Neill (1964) for analysis.
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##### *Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 264-4178 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Chambersburg Chambersburg 39°52'58"N 77°39'03"W	Stonehenge limestone Rockdale Run limestone and dolomite	Pulverized limestone.
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## AGRICULTURAL PRODUCTS (cont.)

### LIMESTONE (cont.)

#### *Mifflin County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 667-2015 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Naginey Burnham 40°42'39"N 77°33'21"W	Coburn-Loysburg limestone Linden Hall limestone	Lime. A roadcut in the area exposes 206 feet of section containing 92 percent CaCO <sub>3</sub> and 2.4 MgCO <sub>3</sub> . Of this, 109 feet contains 95 percent CaCO <sub>3</sub> and 2.2 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995).
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#### *Montour County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 437-2041	quarry Milton Washingtonville 41°01'51"N 76°43'48"W	Keyser-Tonoloway limestone	Pulverized limestone. Keyser and Tonoloway are undivided. Faill (1979) reports 99 feet contain 92 percent CaCO <sub>3</sub> and 2.1 MgCO <sub>3</sub> . This is likely in the base of the Keyser Formation. See Way (1993) for geology.
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#### *Northampton County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (610) 250-7700 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry A.B.E. Materials - Easton Bangor 40°45'56"N 75°11'16"W	Jacksonburg limestone Epler dolomite	Agricultural lime.
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#### *Northumberland County*

Meckley's Limestone Products, Inc. 1543 State Route 225 Herndon, PA 17830-9665 (570) 758-3011	quarry Mandata Pillow 40°40'28"N 76°50'06"W	Keyser-Tonoloway limestone	Pulverized limestone. See Faill and others (1973) and Hoskins (1976) for description, geology, and analyses. See Meckley (1996) for a perspective on the company's history.
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#### *Snyder County*

National Limestone Quarry, Inc. PO Box 397 Middleburg, PA 17842-0397 (570) 837-1635 (570) 539-4405	quarry Mt. Pleasant Mills Richfield 40°43'34"N 77°01'29"W	Keyser-Tonoloway limestone	Pulverized limestone, poultry grit.
National Limestone Quarry, Inc. PO Box 397 Middleburg, PA 17842-0397 (570) 837-1635	quarry Paxtonville Middleburg 40°46'01"N 77°07'10"W	Keyser-Tonoloway limestone	Pulverized limestone. See O'Neill (1964) for analysis.

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## AGRICULTURAL PRODUCTS (cont.)

### LIMESTONE (cont.)

#### *Somerset County*

Keystone Lime Company, Inc. PO Box 278 Springs, PA 15562-0278 (814) 662-2711	quarry / underground mine Buckeye Quarry Grantsville 39°44'40"N 79°12'21"W	Deer Valley limestone	Pulverized ls. Mining the Deer Valley for ag. ls. and Loyalhanna for aggregate. A 7-foot section of Deer Valley contains 83 percent CaCO <sub>3</sub> and 1.0 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). Also see Brezinski (1993) and Berkheiser and Smith (1995).
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#### *Union County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (570) 524-2251 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Winfield Northumberland 40°54'23"N 76°51'40"W	Keyser-Tonoloway limestone	Lime.
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#### *York County*

Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Ensminger West York 39°56'14"N 76°47'20"W	Kinzers limestone	Lime, poultry grit. See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.
Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Williams West York 39°56'15"N 76°46'58"W	Kinzers limestone	Lime, poultry grit. See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.
Oldcastle Industrial Minerals, Inc. 550 South Biesecker Road Thomasville, PA 17364-9699 (717) 235-7023	underground mine Thomasville West York 39°55'18"N 76°51'24"W	Kinzers limestone	Pulverized limestone. See Cloos (1968) and Ganis and Hopkins (1995) for geologic description, O'Neill (1964) for analysis, and Berkheiser (1983) for whiting potential.
York Building Products Company, Inc. PO Box 1708 York, PA 17405-1708 (717) 848-2831 (717) 854-8040 <a href="http://www.yorkbuilding.com/">http://www.yorkbuilding.com/</a>	quarry Roosevelt Quarry West York 39°58'07"N 76°45'15"W	Kinzers limestone	

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### AGRICULTURAL PRODUCTS (cont.)

#### LIMESTONE AND DOLOMITE

##### *Lancaster County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 354-1370 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Weaverland Terre Hill 40°08'15"N 76°03'26"W	Stonehenge limestone and dolomite Buffalo Springs limestone	Pulverized limestone, lime. Probably selectively mining the Stonehenge. Company reports at least 88.2% total carbonates in pulverized limestone. See Kauffman (1999), Poth (1977), Jonas and Stose (1926).
Rohrer's Quarry, Inc. PO Box 365 Lititz, PA 17543-0365 (717) 626-9760 <a href="http://www.rohrersquarry.com/">http://www.rohrersquarry.com/</a>	quarry Rohrer's Lititz 40°07'57"N 76°20'06"W	Epler limestone and dolomite	Pulverized carbonate. See O'Neill (1964) for analysis.

#### ANTISKID

#### ARGILLITE

##### *Berks County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (610) 326-5921 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Douglassville Quarry Boyertown 40°15'33"N 75°41'36"W	Brunswick argillite	Very near diabase contact.
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##### *Bucks County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (215) 257-5188 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Blooming Glen Quarry Doylestown 40°21'56"N 75°13'59"W	Lockatong argillite	
H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (215) 822-2200 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry H & K Materials Doylestown 40°19'37"N 75°13'35"W	Lockatong argillite Brunswick siltstone	See Willard and others (1959) for geology.
Hanson Aggregates BMC, Inc. 2200 Springfield Pike Connellsville, PA 15425 (724) 626-0080 (610) 847-5211	quarry Ottsville Quarry Bedminster 40°29'42"N 75°10'13"W	Lockatong argillite	

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#### **ANTISKID (cont.)**

#### **ARGILLITE (cont.)**

#### *Bucks County (cont.)*

Hanson Aggregates BMC, Inc.  
2200 Springfield Pike  
Connellsville, PA 15425  
(724) 626-0080 (215) 598-3152

quarry  
Penns Park Quarry  
Buckingham  
40°15'27"N  
75°00'48"W

Lokatong  
argillite

Naceville Materials  
350 South Main Street, Suite 207  
Doylestown, PA 18901  
(267) 880-2422 (215) 453-8933  
<http://www.hkgroup.com>

quarry  
Naceville Materials  
Telford  
40°21'31"N  
75°22'23"W

Lokatong-Brunswick  
argillite  
York Haven  
diabase

Operates as joint venture with H & K Group. See Willard and others (1959) for geology.

Naceville Materials  
350 South Main Street, Suite 207  
Doylestown, PA 18901  
(267) 880-2422 (215) 766-2206  
<http://www.hkgroup.com>

quarry  
Plumstead Materials  
Lumberville  
40°22'31"N  
75°07'06"W

Lokatong  
argillite

Operates as joint venture with H & K Group

#### *Montgomery County*

H & K Group, Inc.  
PO Box 196  
Skipack, PA 19474-0196  
(610) 584-8500 (610) 326-4843  
<http://www.hkgroup.com>

quarry  
Sanatoga Quarry  
Phoenixville  
40°14'04"N  
75°35'32"W

Lokatong  
argillite

#### **ARGILLITE AND HORNFELS**

#### *Adams County*

New Enterprise Stone & Lime Co., Inc.  
PO Box 77  
New Enterprise, PA 16664-0077  
(814) 766-2211 (717) 334-3165  
<http://www.nesl.com/>

quarry  
Gettysburg  
Gettysburg  
39°48'05"N  
77°12'45"W

Gettysburg  
argillite and hornfels

See Hoff (1978) for geology and mineralogy. See Wood (1980) for regional geology.

#### **CALCAREOUS SANDSTONE**

#### *Monroe County*

Hanson Aggregates Pennsylvania, LLC  
7660 Imperial Way  
Allentown, PA 18195-1040  
(610) 366-4600 (570) 992-4951

quarry  
Bossardville  
Saylorsburg  
40°55'30"N  
75°16'06"W

Decker  
calcareous sandstone  
Poxono Island  
limestone and dolomite

Mining the Decker through Poxono Island, undivided. Selective mining for aggregate, Bossardville limestone for SRL L, and Decker for SRL H.

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<b>ANTISKID (cont.)</b>			
<b>DIABASE</b>			
<i>Berks County</i>			
Dyer Quarry, Inc. PO Box 188 Birdsboro, PA 19508-0188 (610) 582-6010	quarry Dyer Quarry Birdsboro 40°15'57"N 75°51'18"W	York Haven diabase	Traditional source of high-quality railroad ballast. Geology according to Wood (1980).
H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (610) 404-8440 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Birdsboro Materials Elverson 40°14'54"N 75°49'06"W	York Haven diabase	Geology from Smith, R.C., II (personal communication, June 16, 2009).
<i>Lancaster County</i>			
H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (717) 445-7430 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Silver Hill Morgantown 40°11'14"N 75°58'34"W	York Haven diabase Hammer Creek argillite	See Wood (1980) for geology. Diabase identification from Smith, R.C., II (pers. comm. June 16, 2009).
<b>DOLOMITE</b>			
<i>Berks County</i>			
Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 683-7400 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Eastern Kutztown Topton 40°30'42"N 75°43'33"W	Allentown dolomite	
<i>Centre County</i>			
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (814) 353-2352	quarry Curtin Gap Mingoville 40°56'34"N 77°42'58"W	Nittany dolomite Bellefonte dolomite	Selectively mining the Nittany and Bellefonte, which produce SRL G aggregate, and the Axemann, which produces SRL M aggregate.
<i>Chester County</i>			
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (610) 269-1710	quarry Downingtown Downingtown 40°00'45"N 75°40'10"W	Ledger dolomite Conestoga limestone	Also mining Zooks Corner Dolomite and Henderson Marble. For analysis, see O'Neill (1964, p. 19). For geology, see MacLachlan (1994).

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### ANTISKID (cont.)

### DOLOMITE (cont.)

#### *Lancaster County*

Pennsy Supply, Inc.	quarry	Snitz Creek	
PO Box 3331	Landisville Quarry	dolomite	
Harrisburg, PA 17105-3331	Columbia East	Buffalo Springs	
(717) 236-7023 (717) 898-2278	40°05'18"N	limestone	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	76°26'55"W		

#### *Lebanon County*

Pennsy Supply, Inc.	quarry	Ontelaunee	Stripping Ontelaunee to mine Annville. May selectively mine underground. See O'Neill (1976) and Sims (1968) for analyses, Geyer (1970) for geology, Turley (1993) for description.
PO Box 3331	Millard	dolomite	
Harrisburg, PA 17105-3331	Palmyra	Annville	
(717) 236-7023	40°19'30"N	limestone	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	76°34'00"W		

#### *Montgomery County*

Highway Materials, Inc.	quarry	Ledger	See O'Neill (1964) for analysis.
1750 Walton Road	Plymouth Meeting	dolomite	
Blue Bell, PA 19422-0465	Germantown		
(610) 832-8000 (610) 828-4300	40°06'27"N		
	75°14'54"W		

#### *Northampton County*

H & K Group, Inc.	quarry	Epler	
PO Box 196	A.B.E. Materials - Easton	dolomite	
Skippack, PA 19474-0196	Bangor	Jacksonburg	
(610) 584-8500 (610) 250-7700	40°45'56"N	limestone	
<a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	75°11'16"W		

#### *York County*

York Building Products Company, Inc.	quarry	Ledger	Geology from Wilshusen (1979).
PO Box 1708	Roosevelt Quarry	dolomite	
York, PA 17405-1708	West York		
(717) 848-2831 (717) 854-8040	39°58'07"N		
<a href="http://www.yorkbuilding.com/">http://www.yorkbuilding.com/</a>	76°45'15"W		

### DOLOMITE AND LIMESTONE

#### *Dauphin County*

Pennsy Supply, Inc.	quarry	Ontelaunee	Some minor Epler and Annville on property.
PO Box 3331	Hummelstown	dolomite and limestone	
Harrisburg, PA 17105-3331	Hershey		
(717) 236-7023 (717) 566-0222	40°16'26"N		
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	76°42'11"W		



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### ANTISKID (cont.)

#### DOLOMITE AND LIMESTONE (cont.)

##### *Lehigh County*

Eastern Industries, Inc.  
4401 Camp Meeting Road, Suite 200  
Center Valley, PA 18034-9467  
(610) 866-0932 (610) 799-2421  
<http://www.eastern-ind.com/enter.html>

quarry  
Ormrod  
Cementon  
40°39'58"N  
75°32'56"W

Epler  
dolomite and limestone

##### *Northampton County*

Eastern Industries, Inc.  
4401 Camp Meeting Road, Suite 200  
Center Valley, PA 18034-9467  
(610) 866-0932 (610) 759-3334  
<http://www.eastern-ind.com/enter.html>

quarry  
Nazareth  
Nazareth  
40°44'02"N  
75°17'26"W

Epler  
dolomite and limestone

### GNEISS

##### *Berks County*

Martin Stone Quarries, Inc.  
1355 North Reading Avenue  
Bechtelsville, PA 19505-0297  
(610) 367-2011  
<http://martinstone.com>

quarry  
Martin Stone Quarry  
Boyertown  
40°22'56"N  
75°37'46"W

Pochuck  
gneiss

See Buckwalter (1959) for geology and Pennsylvania Geological Survey (1984) for description.

##### *Delaware County*

Hanson Aggregates Pennsylvania, LLC  
7660 Imperial Way  
Allentown, PA 18195-1040  
(610) 366-4600 (610) 459-2492

quarry  
Glen Mills  
Media  
39°55'10"N  
75°29'09"W

Baltimore  
gneiss

Felsic to mafic gneiss and calcsilicates. See Parrott (1974) for geological description. See Atlee (1994) for history.

### HORNFELS

##### *Montgomery County*

Highway Materials, Inc.  
1750 Walton Road  
Blue Bell, PA 19422-0465  
(610) 832-8000 (215) 234-4522

quarry  
Perkiomenville  
Perkiomenville  
40°19'22"N  
75°28'20"W

Brunswick  
hornfels

Name	Type of Operation	Formation 1	Comments
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<b>ANTISKID (cont.)</b>			
<b>LIMESTONE</b>			
<i>Adams County</i>			
Vulcan Construction Materials, LP 875 Oxford Avenue Hanover, PA 17331 (804) 717-8374 (717) 637-7121 <a href="http://www.vulcanmaterials.com">http://www.vulcanmaterials.com</a>	quarry Hanover McSherrystown 39°50'00"N 77°02'00"W	Kinzers limestone Ledge dolomite	Selectively mining in a geologically complex setting. See Berkheiser (1983) and Hole (1968) for analyses.
<i>Bedford County</i>			
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 652-5121 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Ashcom Clearville 39°59'51"N 78°25'31"W	Coburn-Loysburg limestone	Mining the Coburn through Loysburg interval. Selectively mining the Linden Hall and Snyder for high-calcium products. A composite of 93 feet yields 92 percent CaCO <sub>3</sub> and 2.9 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). See MacQueen (1993).
<i>Berks County</i>			
Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 689-9551 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Oley Birdsboro 40°21'20"N 75°48'02"W	Annville limestone Ontelaunee dolomite and limestone	See MacLachlan (1983) and Smith (1977) for geology, and O'Neill (1964) for analysis.
<i>Blair County</i>			
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 224-2121 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Roaring Spring Roaring Spring 40°20'46"N 78°23'55"W	Coburn-Loysburg limestone Bellefonte dolomite	Mining the entire Coburn through Axemann interval. See Remick (1991) for SO <sub>2</sub> sorbent application. See Atlee (1989) for history.
<i>Centre County</i>			
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (814) 466-6216	quarry Oak Hall State College 40°47'49"N 77°48'39"W	Salona-Snyder limestone	A section of 212 feet contains 92 percent CaCO <sub>3</sub> and 2.9 MgCO <sub>3</sub> (R. C. Smith, II, unpub. data, 1995). See Berkheiser and Smith (1995). See Miller (1934, p. 288) for early operations.
Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (814) 359-3411 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Whiterock Quarry Agg. Plant #2 Centre Hall 40°52'21"N 77°43'45"W	Nealmont limestone Salona limestone	Aggregate is also produced from the Linden Hall, Snyder, and Hatter. PennDOT approved products (Type A, SRL L).

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<b>ANTISKID (cont.)</b>			
<b>LIMESTONE (cont.)</b>			
<i>Clinton County</i>			
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 726-4511	quarry Salona Mill Hall 41°05'18"N 77°27'54"W	Coburn-Loysburg limestone	Mining Coburn through Loysburg, undivided. See O'Neill (1964) for analysis. Rones (1969) included a discussion of the stratigraphy.
<i>Cumberland County</i>			
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 532-2312 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Shippensburg Walnut Bottom 40°05'52"N 77°28'08"W	Stonehenge limestone Rockdale Run limestone and dolomite	See O'Neill (1964) for analysis.
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 766-7676 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Silver Spring Mechanicsburg 40°14'56"N 77°00'55"W	Chambersburg limestone	See Root (1978) for geology.
<i>Fayette County</i>			
Bullskin Stone & Lime LLC PO Box 528 Latrobe, PA 15650-0528 (724) 220-5771 <a href="http://bullskinstone.com">http://bullskinstone.com</a>	underground mine Bullskin 1 Mine Connellsville 40°05'59"N 79°30'08"W	Loyalhanna limestone	
<i>Franklin County</i>			
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 264-4178 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Chambersburg Chambersburg 39°52'58"N 77°39'03"W	Stonehenge limestone Rockdale Run limestone and dolomite	See O'Neill (1964) for chemical analysis. Also see Root (1971) for geology and partial chemical analyses. See Staff of Valley Quarries, Inc. (1993) for the company's view of its reclamation effort.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 349-2412 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Dry Run Shade Gap 40°10'09"N 77°45'38"W	Chambersburg limestone	See Nickelsen (1996) for structural features and geologic description. See Atlee (1989) for history.

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<b>ANTISKID (cont.)</b>			
<b>LIMESTONE (cont.)</b>			
<i>Huntingdon County</i>			
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 447-3295 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Orbisonia Shade Gap 40°13'31"N 77°52'01"W	Coburn-Loysburg limestone Bellefonte dolomite	Mining the entire Coburn through Loysburg interval. Also mining Bellefonte Dolomite. See Atlee (1989) for history.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 684-3180 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Union Furnace Spruce Creek 40°37'31"N 78°09'56"W	Coburn-Loysburg limestone Bellefonte dolomite	Mining the Coburn through Loysburg interval. Nearby roadcut includes 211 feet of section containing 93 percent CaCO <sub>3</sub> and 2.8 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). See Rones (1969) for description of nearby section. See Atlee (1989) for history.
<i>Juniata County</i>			
Fulkroad, Jay, and Sons, Inc. 2736 Free Spring Church Road McAlisterville, PA 17049-9600 (717) 463-3701	quarry Fulkroad and Sons Millerstown 40°37'28"N 77°14'57"W	Keyser-Tonoloway limestone	See Faill and Wells (1974) for geology.
<i>Lancaster County</i>			
Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 335-4545 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Schoeneck Ephrata 40°14'08"N 76°10'50"W	Annville limestone Ontelaunee dolomite	See Berkheiser (1983) for analysis.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 354-1340 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Burkholder Terre Hill 40°09'24"N 76°05'57"W	Epler limestone Annville limestone	Also producing from the Hershey and Meyerstown.
<i>Lebanon County</i>			
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 867-4617 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Fontana Lebanon 40°16'06"N 76°28'43"W	Buffalo Springs limestone	

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<b>ANTISKID (cont.)</b>			
<b>LIMESTONE (cont.)</b>			
<i>Lebanon County (cont.)</i>			
Pennsy Supply, Inc.	quarry	Annville	
PO Box 3331	Prescott	limestone	
Harrisburg, PA 17105-3331	Richland	Ontelaunee	
(717) 236-7023 (717) 534-1606	40°21'19"N	dolomite	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	76°21'28"W		
<i>Lehigh County</i>			
Coplay Aggregates, Inc.	quarry	Jacksonburg	
PO Box 143	Coplay Whitehall	limestone	
Orefield, PA 18069-0143	Cementon		
(610) 262-3804	40°40'22"N		
	75°30'47"W		
Eastern Industries, Inc.	quarry	Jacksonburg	Includes argillaceous (shaly) limestone.
4401 Camp Meeting Road, Suite 200	Whitehall	limestone	
Center Valley, PA 18034-9467	Cementon	Epler	
(610) 866-0932 (610) 262-5574	40°39'45"N	dolomite	
<a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	75°31'16"W		
<i>Lycoming County</i>			
Hanson Aggregates Pennsylvania, Inc.	quarry	Coburn	Includes 68 ft. containing 94 percent CaCO <sub>3</sub> and 2.4 percent MgCO <sub>3</sub>
7660 Imperial Way	Pine Creek	limestone	from the upper part of the Linden Hall. See Faill and others
Allentown, PA 18195-1040	Linden	Hatter	(1977) for geology and analyses.
(610) 366-4600 (717) 745-7555	41°09'14"N	limestone	
	77°12'51"W		
<i>Mifflin County</i>			
Eastern Industries, Inc.	quarry	Coburn-Loysburg	A roadcut in the area exposes 206 feet of section containing 92 percent
4401 Camp Meeting Road, Suite 200	Naginey	limestone	CaCO <sub>3</sub> and 2.4 MgCO <sub>3</sub> . Of this, 109 feet contains 95 percent CaCO <sub>3</sub>
Center Valley, PA 18034-9467	Burnham	Linden Hall	and 2.2 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995).
(610) 866-0932 (717) 667-2015	40°42'39"N	limestone	
<a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	77°33'21"W		
<i>Montour County</i>			
Hanson Aggregates Pennsylvania, LLC	quarry	Keyser-Tonoloway	See Way (1993) for geology.
7660 Imperial Way	Limestoneville	limestone	
Allentown, PA 18195-1040	Washingtonville		
(610) 366-4600 (570) 437-2041	41°02'29"N		
	76°42'36"W		

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<b>ANTISKID (cont.)</b>			
<b>LIMESTONE (cont.)</b>			
<i>Montour County (cont.)</i>			
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 437-2041	quarry Milton Washingtonville 41°01'51"N 76°43'48"W	Keyser-Tonoloway limestone	Keyser and Tonoloway are undivided. Faill (1979) reports 99 feet contain 92 percent CaCO <sub>3</sub> and 2.1 MgCO <sub>3</sub> . This is likely in the base of the Keyser. See Way (1993) for geology.
<i>Northampton County</i>			
Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 258-2345 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Martins Creek Bangor 40°46'50"N 75°10'26"W	Jacksonburg limestone Quaternary glacial gravel	
<i>Northumberland County</i>			
Meckley's Limestone Products, Inc. 1543 State Route 225 Herndon, PA 17830-9665 (570) 758-3011	quarry Mandata Pillow 40°40'28"N 76°50'06"W	Keyser-Tonoloway limestone	See Faill and others (1973) and Hoskins (1976) for description, geology, and analyses. See Meckley (1996) for a perspective on the company's history.
<i>Perry County</i>			
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Dromgold Shermans Dale 40°20'58"N 77°13'26"W	Keyser limestone	Intermittent production. See Dyson (1967) for geology.
<i>Snyder County</i>			
National Limestone Quarry, Inc. PO Box 397 Middleburg, PA 17842-0397 (570) 837-1635	quarry Paxtonville Middleburg 40°46'01"N 77°07'10"W	Keyser-Tonoloway limestone	See O'Neill (1964) for analysis.
<i>Union County</i>			
Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 524-1103 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Lewisburg Lewisburg 40°58'21"N 76°56'23"W	Keyser-Tonoloway limestone	

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<b>ANTISKID (cont.)</b>			
<b>LIMESTONE (cont.)</b>			
<i>Union County (cont.)</i>			
Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (570) 524-2251 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Winfield Northumberland 40°54'23"N 76°51'40"W	Keyser-Tonoloway limestone	
<i>Westmoreland County</i>			
Ligonier Stone & Lime Co. 117 Marcia St. Latrobe, PA 15650-4300 (724) 537-6023 (724) 459-3971	quarry Derry Stone & Lime Blairsville 40°23'10"N 79°16'20"W	Monongahela limestone	
<i>York County</i>			
Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Ensminger West York 39°56'14"N 76°47'20"W	Kinzers limestone	See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.
Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Williams West York 39°56'15"N 76°46'58"W	Kinzers limestone	See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.
<b>LIMESTONE AND DOLOMITE</b>			
<i>Cumberland County</i>			
Union Quarries, Inc. 102 Bonnybrook Road Carlisle, PA 17013 (717) 249-5012 <a href="http://www.unionquarries.com">http://www.unionquarries.com</a>	quarry Bonny Brook Carlisle 40°10'44"N 77°10'58"W	Zullinger limestone and dolomite	See Root (1978) for geology.
<i>Lancaster County</i>			
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 335-4500 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Denver Terre Hill 40°13'26"N 76°07'17"W	Epler limestone and dolomite	

Name		Type of Operation	Formation 1	Comments
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### ANTISKID (cont.)

#### LIMESTONE AND DOLOMITE (cont.)

##### *Lancaster County (cont.)*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 354-1370 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Weaverland Terre Hill 40°08'15"N 76°03'26"W	Stonehenge limestone and dolomite Buffalo Springs limestone	See Kauffman (1999), Poth (1977), Jonas and Stose (1926).
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry East Petersburg Quarry Lancaster 40°06'39"N 76°21'40"W	Buffalo Springs limestone and dolomite	
Rohrer's Quarry, Inc. PO Box 365 Lititz, PA 17543-0365 (717) 626-9760 <a href="http://www.rohrersquarry.com/">http://www.rohrersquarry.com/</a>	quarry Rohrer's Lititz 40°07'57"N 76°20'06"W	Epler limestone and dolomite	See O'Neill (1964) for analysis.

#### LIMESTONE CONGLOMERATE

##### *Adams County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 642-8535 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Fairfield Fairfield 39°47'36"N 77°21'23"W	Gettysburg limestone conglomerate Beekmantown limestone and dolomite	Mining Mesozoic limestone fanglomerates and possibly underlying Beekmantown carbonates. See Stose and Bascom (1929) for geology.
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#### QUARTZITE

##### *Berks County*

Martin Stone Quarries, Inc. 1355 North Reading Avenue Bechtelsville, PA 19505-0297 (610) 367-2011 <a href="http://martinstone.com">http://martinstone.com</a>	quarry Martin Stone Quarry Boyertown 40°22'56"N 75°37'46"W	Hardyston quartzite	See Buckwalter (1959) for geology and Pennsylvania Geological Survey (1984) for description.
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##### *Chester County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (610) 273-2921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Honey Brook Honey Brook 40°07'26"N 75°54'14"W	Chickies quartzite	See Berkheiser (1985a) for chemical analyses.
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### ANTISKID (cont.)

### QUARTZITE (cont.)

#### *York County*

County Line Quarry, Inc. PO Box 1667 Blue Bell, PA 19422-0465 (717) 252-1584		open pit County Line Quarry Columbia West 40°00'44"N 76°32'05"W	Antietam quartzite	See Ganis and Hopkins (1984a, 1995) for descriptions.
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### QUARTZOSE LIMESTONE

#### *Fayette County*

Coolspring Mining, Inc. PO Box 1328 Uniontown, PA 15401-1328 (724) 437-8663	(412) 437-5200	quarry Coolspring Uniontown 39°53'56"N 79°38'49"W	Loyalhanna quartzose limestone Pocono sandstone	See Miller (1934).
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#### *Somerset County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	(814) 443-9950	quarry Bakersville Seven Springs 40°03'57"N 79°15'18"W	Loyalhanna quartzose limestone Burgoon sandstone	Selectively mining the Loyalhanna limestone and Burgoon sandstone. See Atlee (1989) for history.
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New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	(814) 754-4921	quarry Ogletown Ogletown 40°14'18"N 78°41'18"W	Loyalhanna quartzose limestone Mauch Chunk sandstone	See Atlee (1989) for history.
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### SAND AND GRAVEL

#### *Bradford County*

Dalrymple Gravel and Contracting Co., Inc. 2105 South Broadway Pine City, NY 14871-9700 (607) 737-6200	(607) 529-3235	open pit Chemung Sayre 41°59'58"N 76°36'39"W	Quaternary sand and gravel	Mining glacial outwash on the floodplain of the Chemung River.
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#### *Columbia County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600	(570) 784-1640	open pit Bloomsburg Sand and Gravel Bloomsburg 41°01'44"N 76°26'22"W	Quaternary sand and gravel	Apparently mining Olean outwash. For geology, see Inners (1981).
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Name		Type of Operation	Formation 1	Comments
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**ANTISKID (cont.)**  
**SAND AND GRAVEL (cont.)**  
*Crawford County*

Tucci, Frank 25000 Pa Route 99 Cambridge Springs, PA 16403-9802 (814) 398-8111	open pit Orr Mine Millers Station 41°48'38"N 79°57'30"W	Quaternary sand and gravel
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*Erie County*

Wroblewski Sand and Gravel, Inc. 12907 Halfmoon Road Wattsburg, PA 16442-9328 (814) 739-2085	open pit Wroblewski Sand and Gravel Wattsburg 42°02'35"N 79°49'23"W	Quaternary sand and gravel	Mining glacial sand and gravel and alluvium of French Creek.
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*Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 17201-0077 (814) 766-2211      (717) 352-7081 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	open pit Mt. Cydonia No. 2 Scotland 39°54'44"N 77°31'40"W	Quaternary sand and gravel	Mines a quartz- and sandstone-rich alluvium.
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*Luzerne County*

Riverview Block, Inc. 1507 Salem Boulevard Berwick, PA 18603-6914 (570) 752-7191      (570) 752-3382 <a href="http://www.riverview-block.com">www.riverview-block.com</a>	open pit Riverview Berwick 41°04'06"N 76°11'22"W	Quaternary sand and gravel	#57 and 2A coarse aggregate. Type A and B3 fine aggregate. Type AS1 antiskid.
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*Lycoming County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600      (570) 368-2666	open pit Montoursville Montoursville South 41°14'18"N 76°54'36"W	Quaternary sand and gravel	Mapped as alluvium of the West Branch Susquehanna River. See Fail (1979) for geology.
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*Venango County*

Cooperstown Sand and Gravel PO Box 4 Cooperstown, PA 16317-0004 (814) 432-3448      (814) 374-4412 <a href="http://sandgravelandconcrete.com">http://sandgravelandconcrete.com</a>	open pit Tionesta 3 Franklin 41°29'18"N 79°52'00"W	Quaternary sand and gravel	Bank-run and dredged aggregate. Probably glacial valley outwash.
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**ANTISKID (cont.)**  
**SAND AND GRAVEL (cont.)**  
*Warren County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (814) 563-7911 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	open pit Brokenstraw Aggregate Plant #22 Pittsfield 41°51'27"N 79°23'48"W	Quaternary sand and gravel	PennDOT approved products (Type C). Mapped as outwash, river terraces, and lake deposits, undifferentiated (Shepps and others, 1959)
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**SANDSTONE**  
*Carbon County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Little Gap Palmerton 40°49'51"N 75°31'12"W	Palmerton sandstone	See Sevon (1970) and Epstein and others (1974) for analyses and description.
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*Clearfield County*

Kinkead Aggregates LLC 2311 Route 56 E Homer City, PA 15748-6237 (724) 479-2006 (814) 227-4576	quarry Buena Vista Mine McGees Mills 40°53'05"N 78°46'51"W	Allegheny sandstone	
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*Columbia County*

Hanson Aggregates Pennsylvania, Inc. 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (570) 784-2888	quarry Bloomsburg Bloomsburg 41°03'44"N 76°29'48"W	Catskill sandstone	Mining a red sandstone, the Sherman Creek Member of the Catskill Formation. For geology, see Inners (1981).
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*Cumberland County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 486-5414 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Mount Holly Springs Mount Holly Springs 40°06'14"N 77°13'00"W	Antietam sandstone	See Berkheiser (1985a) for analyses. See Key and Sims (1991) for geology and description.
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*Dauphin County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 362-3388 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Elizabethville Elizabethville 40°32'26"N 76°48'58"W	Pocono sandstone	Mining the Mount Carbon and Beckville Members of the Pocono Formation. For geology, see Hoskins (1976) and Sevon and others (1986).
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<b>ANTISKID (cont.)</b>			
<b>SANDSTONE (cont.)</b>			
<i>Elk County</i>			
North Star Aggregates, Inc. PO Box R Ridgway, PA 15853-0319 (814) 637-5599 <a href="http://northstaraggregates.com">http://northstaraggregates.com</a>	quarry Montmorenci Ridgway 41°29'40"N 78°44'00"W	Allegheny sandstone	
<i>Luzerne County</i>			
American Asphalt Paving Company 500 Chase Road Shavertown, PA 18708-9689 (570) 696-1181	quarry Chase Kingston 41°17'26"N 75°57'40"W	Catskill sandstone	Red and gray colors. Predominantly red beds.
American Asphalt Paving Company 500 Chase Road Shavertown, PA 18708-9689 (570) 696-1181	quarry Wilkes-Barre Material, LLC Pittston 41°16'56"N 75°48'15"W	Llewellyn sandstone	Could also be mining the Pottsville.
H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (570) 477-3030 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Pikes Creek Asphalt & Crushed Stone Harveys Lake 41°17'36"N 76°05'10"W	Catskill sandstone	
Hazleton Materials, LLC 2052 Lucon Road Skippack, PA 19474 (610) 584-8500 (570) 636-3300 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Hazleton Materials/Eckley Operation Weatherly 40°59'45"N 75°50'20"W	Pottsville sandstone	
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (570) 654-1972 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Pittston East Quarry Pittston 41°17'21"N 75°45'30"W	Pottsville sandstone	
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Pittston West Quarry Pittston 41°17'24"N 75°45'48"W	Pottsville sandstone	

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<b>ANTISKID (cont.)</b>			
<b>SANDSTONE (cont.)</b>			
<i>Luzerne County (cont.)</i>			
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (570) 868-5942 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Small Mountain Quarry Freeland 41°05'06"N 75°57'57"W	Catskill sandstone	Duncannon Member of the Catskill Formation. Geology according to Berg and Dodge (1981).
<i>Monroe County</i>			
H & K Group, Inc. PO Box 196 Skipack, PA 19474-0196 (610) 584-8500 (570) 646-3324 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Locust Ridge Thornhurst 41°08'06"N 75°33'38"W	Catskill sandstone	
<i>Northumberland County</i>			
Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 644-0603 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Shamokin Shamokin 40°46'39"N 76°31'47"W	Llewellyn sandstone	For a map of coal outcrops in the area, see Danilchik and others (1962).
<i>Pike County</i>			
Edwards, George F. 204 State Route 435 Elmhurst, PA 18444-7692 (570) 842-8438 (717) 676-3200	quarry South Sterling Newfoundland 41°16'41"N 75°19'57"W	Catskill sandstone	See Sevon and others (1989) for geology.
<i>Schuylkill County</i>			
HMMK, LLC. PO Box 79 Skipack, PA 19474-0079 (610) 584-8500 (814) 695-0291 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Foster Springs Minersville 40°41'22"N 76°22'06"W	Pottsville sandstone Pottsville conglomerate	
Pottsville Materials LLC 2052 Lucon Road Skipack, PA 19474-0079 (610) 584-8500 (570) 933-0668 <a href="http://hkgroup.com">http://hkgroup.com</a>	quarry Pottsville Materials Pottsville 40°43'38"N 76°12'42"W	Llewellyn sandstone Pottsville sandstone	Also mining Llewellyn conglomerate.

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**ANTISKID (cont.)**  
**SANDSTONE (cont.)**  
*Somerset County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211      (814) 443-9950 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Bakersville Seven Springs 40°03'57"N 79°15'18"W	Burgoon sandstone Loyalhanna quartzose limestone	Selectively mining the Loyalhanna limestone and Burgoon sandstone. See Atlee (1989) for history.
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New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664 (814) 766-2211      (814) 754-4921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Central City Central City 40°07'13"N 78°47'30"W	Allegheny sandstone	Apparently mining sandstone associated with the Kittanning and Clarion coals. See Atlee (1989) for history.
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*Tioga County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600      (570) 324-2514	quarry Blossburg Liberty 41°37'19"N 77°06'57"W	Huntley Mountain sandstone Burgoon sandstone
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*Wayne County*

Bedrock Quarries, Inc. PO Box 79 Skippack, PA 19474-0079 (610) 584-8500      (570) 224-6835 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Bedrock Quarry Galilee 41°41'41"N 75°10'55"W	Catskill sandstone	
H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500      (570) 226-4728 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Atkinson Materials Hawley 41°28'09"N 75°11'35"W	Catskill sandstone	
Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600      (570) 698-5631	quarry Lake Ariel Lake Ariel 41°28'06"N 75°24'31"W	Catskill sandstone	Mining the Poplar Gap and Packerton Members of the Catskill Formation.
Linde, E.R., Construction Corp. 9 Collan Park Honesdale, PA 18431-7654 (570) 253-4090      (570) 226-7625	quarry Leeward Middle Creek Quarry Hawley 41°28'21"N 75°11'33"W	Catskill sandstone	Produces full range of PennDOT-approved products.

Name		Type of Operation	Formation 1	Comments
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**ANTISKID (cont.)**  
**SANDSTONE (cont.)**  
*Wyoming County*

H & K Group, Inc.  
PO Box 196  
Skipack, PA 19474-0196  
(610) 584-8500 (570) 586-7461  
<http://www.hkgroup.com>

quarry  
Hilltop Quarry  
Ransom  
41°28'55"N  
75°48'54"W

Catskill  
sandstone

**SANDSTONE AND QUARTZITE**  
*Franklin County*

New Enterprise Stone & Lime Co., Inc.  
PO Box 77  
New Enterprise, PA 16664-0077  
(814) 766-2211 (717) 352-3411  
<http://www.nesl.com/>

quarry  
Mt. Cydonia No. 1  
Scotland  
39°53'38"N  
77°30'50"W

Antietam  
sandstone and quartzite

Mines a weathered, friable, varicolored-to-white sandstone. See Berkheiser (1985a) for analysis, Fauth (1968) and Sevon and Van Scyoc (1991) for geology.

**SERPENTINITE**  
*Lancaster County*

H & K Group, Inc.  
PO Box 196  
Skipack, PA 19474-0196  
(610) 584-8500 (717) 548-2147  
<http://www.hkgroup.com>

quarry  
Penn/Md Materials  
Conowingo Dam  
39°43'18"N  
76°08'56"W

Baltimore Mafic Complex  
serpentinite

**SILTSTONE**  
*Perry County*

Pennsy Supply, Inc.  
PO Box 3331  
Harrisburg, PA 17105-3331  
(717) 236-7023 (717) 567-3197  
<http://www.pennsysupply.com/>

quarry  
Newport  
Newport  
40°28'10"N  
77°08'10"W

Trimmers Rock  
siltstone  
Brallier  
siltstone

See Dyson (1967) for geology.

*Schuylkill County*

Pennsy Supply, Inc.  
PO Box 3331  
Harrisburg, PA 17105-3331  
(717) 236-7023 (717) 754-7508  
<http://www.pennsysupply.com/>

quarry  
Summit Stone  
Friedensburg  
40°34'27"N  
76°11'06"W

Trimmers Rock  
siltstone

Name	Type of Operation	Formation 1	Comments
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City	Quadrangle	Formation 2	
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<b>ANTISKID (cont.)</b>			
SLAG			
<i>Beaver County</i>			
Beaver Valley Slag 100 Bet-Tech Drive Aliquippa, PA 15001 (724) 773-0444 <a href="http://bvslag.com">http://bvslag.com</a>	slag bank Beaver Valley Slag Beaver 40°39'04"N 80°15'32"W	slag	PennDOT approved.
<i>Cambria County</i>			
Tube City IMS, LLC 1155 Business Center Drive, Suite 200 Horsham, PA 19044-3454 (215) 956-5639 <a href="http://www.tubecityims.com/">http://www.tubecityims.com/</a>	slag bank Parkhill Geistown 40°21'52"N 78°51'54"W	slag	
<i>Westmoreland County</i>			
Tube City IMS, LLC 1155 Business Center Drive, Suite 200 Horsham, PA 19044-3454 (215) 956-5639 <a href="http://www.tubecityims.com/">http://www.tubecityims.com/</a>	slag bank Patton Site Donora 40°09'17"N 79°50'09"W	slag	
<b>BRICK RAW MATERIAL</b>			
SHALE			
<i>Northumberland County</i>			
Watsonstown Brick Company PO Box 68 Watsonstown, PA 17777-0068 (717) 538-2555	open pit Watsonstown Brick Milton 41°04'05"N 76°50'55"W	Bloomsburg shale Wills Creek shale	See Berkheiser and Inners (1984) for a description of the operation.
<b>CLAY</b>			
CLAY			
<i>Mercer County</i>			
McDowell, John H. 270 Hemlock Road Grove City, PA 16127-8358 (814) 786-7886	open pit McDowell Grove City 41°12'29"N 80°02'56"W	Quaternary clay	Clay for pond lining.



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### COAL-MINE ROCK DUST

#### LIMESTONE

##### *Westmoreland County*

Ligonier Stone & Lime Co.		quarry	Monongahela	
117 Marcia St.		Derry Stone & Lime	limestone	
Latrobe, PA 15650-4300		Blairsville		
(724) 537-6023	(724) 459-3971	40°23'10"N		
		79°16'20"W		

### CONCRETE RAW MATERIALS

#### LIMESTONE

##### *Berks County*

Eastern Industries, Inc.		quarry	Annville	
4401 Camp Meeting Road, Suite 200		Oley	limestone	
Center Valley, PA 18034-9467		Birdsboro		
(610) 866-0932	(610) 689-9551	40°21'20"N		
<a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>		75°48'02"W		

##### *Lancaster County*

New Enterprise Stone & Lime Co., Inc.		quarry	Epler	Limestone for cement manufacture. Also producing from the Hershey and Meyerstown.
PO Box 77		Burkholder	limestone	
New Enterprise, PA 16664-0077		Terre Hill	Annville	
(814) 766-2211	(717) 354-1340	40°09'24"N	limestone	
<a href="http://www.nesl.com/">http://www.nesl.com/</a>		76°05'57"W		

##### *Lebanon County*

Pennsy Supply, Inc.		quarry	Annville	Stripping Ontelaunee to mine Annville. May selectively mine underground. See O'Neill (1976) and Sims (1968) for analyses, Geyer (1970) for geology, Turley (1993) for description.
PO Box 3331		Millard	limestone	
Harrisburg, PA 17105-3331		Palmyra	Ontelaunee	
(717) 236-7023		40°19'30"N	dolomite	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		76°34'00"W		

##### *Lehigh County*

Lafarge Corporation		quarry	Jacksonburg	
5160 Main Street		Cementon	limestone	
Whitehall, PA 18052-1827		Cementon		
(610) 261-3424	(610) 262-7831	40°40'32"N		
		75°30'42"W		

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### CONCRETE RAW MATERIALS (cont.)

#### LIMESTONE (cont.)

##### *Lehigh County (cont.)*

Lafarge Corporation		quarry	Jacksonburg	
5160 Main Street		Lafarge Egypt Quarry	limestone	
Whitehall, PA 18052-1827		Cementon		
(610) 261-3424		40°40'03"N		
		75°31'47"W		

##### *Northampton County*

Eastern Industries, Inc.		quarry	Jacksonburg	
4401 Camp Meeting Road, Suite 200		Martins Creek	limestone	
Center Valley, PA 18034-9467		Bangor	Quaternary	
(610) 866-0932	(610) 258-2345	40°46'50"N	glacial gravel	
<a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>		75°10'26"W		

Lafarge Corporation		quarry	Jacksonburg	
5160 Main Street		Northampton	limestone	
Whitehall, PA 18052-1827		Catasauqua		
(610) 261-3424	(610) 262-7831	40°41'49"N		
		75°29'19"W		

##### *York County*

Oldcastle Industrial Minerals, Inc.		underground mine	Kinzers	
550 South Biesecker Road		Thomasville	limestone	
Thomasville, PA 17364-9699		West York		
(717) 235-7023		39°55'18"N		
		76°51'24"W		

#### QUARTZITE

##### *Chester County*

New Enterprise Stone & Lime Co., Inc.		quarry	Chickies	
PO Box 77		Honey Brook	quartzite	
New Enterprise, PA 16664-0077		Honey Brook		
(814) 766-2211	(610) 273-2921	40°07'26"N		
<a href="http://www.nesl.com/">http://www.nesl.com/</a>		75°54'14"W		

#### SANDSTONE

##### *Somerset County*

Keystone Lime Company, Inc.		quarry	Burgoon	
PO Box 278		Rodamer Quarry	sandstone	
Springs, PA 15562-0278		Markleton		
(814) 662-2711		39°45'10"N		
		79°09'54"W		

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### CONCRETE RAW MATERIALS (cont.)

#### SANDSTONE (cont.)

##### *Somerset County (cont.)*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 443-9950 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Bakersville Seven Springs 40°03'57"N 79°15'18"W	Burgoon sandstone Loyalhanna quartzose limestone	Selectively mining the Loyalhanna limestone and Burgoon sandstone. See Atlee (1989) for history.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 754-4921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Ishman Ogletown 40°07'50"N 78°45'03"W	Allegheny sandstone	Fine aggregate. Apparently mining sandstone associated with the Kittanning and Clarion coals. See Atlee (1989) for history.

### DIMENSION STONE

#### LIMESTONE

##### *Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 369-3098 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Williamson Quarry Williamson 39°51'24"N 77°48'16"W	St. Paul limestone Chambersburg limestone	
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### LIMESTONE CONGLOMERATE

##### *Adams County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 642-8535 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Fairfield Fairfield 39°47'36"N 77°21'23"W	Gettysburg limestone conglomerate Beekmantown limestone and dolomite	Marblized limestone. Mining Mesozoic limestone fanglomerates and possibly underlying Beekmantown carbonates. See Stose and Bascom (1929) for geology.
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### QUARTZITE

##### *Berks County*

Rolling Rock Building Stone, Inc. 40 Rolling Rock Road Boyertown, 19512-8394 (610) 987-6226	open pit Rolling Rock Manatawny 40°24'18"N 75°40'48"W	Hardyston quartzite Quaternary colluvium	Natural and split-face building stone; three fieldstone-stripping areas are operated.
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### **DIMENSION STONE (cont.)**

#### **QUARTZITE (cont.)**

##### *Chester County*

Rotunno Stone Yard		quarry	Setters	Building stone, flagging. See Stone (1932) for description of quarry and Bascom and Stose (1932) for geology.
PO Box 67		Rotunno Stone Yard	quartzite	
Avondale, PA 19311-0067		West Grove		
(610) 268-3451		39°49'46"N		
		75°46'08"W		

#### **SANDSTONE**

##### *Bradford County*

Black Knight Quarries, Inc.		quarry	Lock Haven	Bluestone.
293 Beacon Light Rd.		Comstock Quarry	sandstone	
Towanda, PA 18848		Windham		
(570) 265-8991	(570) 247-7726	41°54'33"N		
		76°19'54"W		
Cole, Marcus, DBA Cole's Const.		quarry	Lock Haven	Bluestone.
PO Box 158		Marcus Cole Construction	sandstone	
Nichols, PA 13812-0158		Windham		
(607) 699-3644	(570) 247-2935	41°56'21"N		
		76°19'36"W		
Johnson, Jerry L.		quarry	Catskill	Bluestone. Producing aggregate and dimension stone at more than one location.
PO Box 136		Johnson Quarries, Inc.	sandstone	
Le Raysville, PA 18829		Laceyville		
(570) 744-1284		41°44'40"N		
<a href="http://johnsonquarries.com">http://johnsonquarries.com</a>		76°13'30"W		
Johnson, Jerry L.		quarry	Lock Haven	Bluestone. Producing aggregate and dimension stone at more than one location.
PO Box 136		Johnson Quarries, Inc.	sandstone	
Le Raysville, PA 18829		Wyalusing		
(570) 744-1284		41°42'37"N		
<a href="http://johnsonquarries.com">http://johnsonquarries.com</a>		76°21'50"W		
Johnson, Robert J.		quarry	Catskill	Bluestone, flagstone.
3659 Old Stagecoach Road		Sandt Quarry	sandstone	
Wyalusing, PA 18853		Le Raysville		
(570) 746-1287	(570) 721-2609	41°45'07"N		
		76°13'59"W		
Johnson, Robert J.		quarry	Catskill	Bluestone, flagstone.
3659 Old Stagecoach Road		Sharer Quarry	sandstone	
Wyalusing, PA 18853		Le Raysville		
(570) 746-1287	(570) 746-0907	41°45'15"N		
		76°09'13"W		

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### DIMENSION STONE (cont.)

#### SANDSTONE (cont.)

##### *Bradford County (cont.)*

Meshoppen Stone, Inc. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767 (570) 833-0101 <a href="http://www.meshoppenstone.com">http://www.meshoppenstone.com</a>	quarry Comstock Quarry Windham 41°54'28"N 76°19'56"W	Catskill sandstone	Bluestone. Flagstone, treads, hearths, steps.
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Meshoppen Stone, Inc. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767 (570) 833-0101 <a href="http://www.meshoppenstone.com">http://www.meshoppenstone.com</a>	quarry Furman Pit Quarries Laceyville 41°39'16"N 76°08'31"W	Catskill sandstone	Bluestone. Flagstone, treads, hearths, steps.
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Preston, John RR 1 Box 20 Wyalusing, PA 18853-9708 (607) 206-2042 <a href="mailto:prestonandprestoninc@yahoo.com">prestonandprestoninc@yahoo.com</a>	quarry Lafrance Quarry Laceyville 41°40'40"N 76°13'01"W	Catskill sandstone	Bluestone.
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Preston, John RR 1 Box 20 Wyalusing, PA 18853-9708 (607) 206-2042 <a href="mailto:prestonandprestoninc@yahoo.com">prestonandprestoninc@yahoo.com</a>	quarry Preston's Quarry Wyalusing 41°44'07"N 76°15'30"W	Catskill sandstone	Bluestone.
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##### *Butler County*

Annandale Sandstone 219 Goff Station Road Boyers, PA 16020-1903 (724) 735-4939 <a href="http://www.annandalequarries.com">http://www.annandalequarries.com</a>	quarry Annandale Mine Eau Claire 41°07'34"N 79°52'24"W	Allegheny sandstone	Geology according to Berg and Dodge (1981).
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Raducz Stone Corporation 313 Pittsburgh Road Butler, PA 16002-3983 (724) 287-6210 <a href="http://www.raduczstone.com">http://www.raduczstone.com</a>	quarry Butler Butler 40°48'04"N 79°55'41"W	Glenshaw sandstone	Ashlar, square, and rubble veneer, end cuts, wall stone, patio stone, capstone, stone steps.
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##### *Centre County*

Russell, Cynthia E. 2641 Greenville Pike Grampian, PA 16838 (814) 236-2449	quarry Howard No. 3 Mine Mingoville 40°59'48"N 77°39'36"W	Tuscarora sandstone	Geology according to Berg and Dodge (1981).
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### DIMENSION STONE (cont.)

#### SANDSTONE (cont.)

##### *Chester County*

Damico, John A. 1703 Baltimore Pike Avondale, PA 19311-9793 (610) 268-0115 <a href="http://www.damicoquarryinc.com/">http://www.damicoquarryinc.com/</a>	quarry D'Amico Quarry, Inc. West Grove 39°49'49"N 75°46'03"W	Setters sandstone	Building stone and stone for retaining walls and patios and natural thin veneer. See Stone (1932) for description and Bascom and Stose (1932) for geology.
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##### *Clearfield County*

Russell, Cynthia E. 2641 Greenville Pike Grampian, PA 16838 (814) 236-2449	quarry Roaring Run Quarry Curwensville 40°59'53"N 78°33'27"W	Pottsville sandstone	Fabrication shop. Geology according to Berg and Dodge (1981). Operator claims to be mining Homewood.
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##### *Clinton County*

Rummings Bluestone 804 Old US Highway 220 Jersey Shore, PA 17740-7860 (570) 398-1691 (570) 777-6441	quarry Maguire Quarry Jersey Shore 41°08'25"N 77°19'22"W	Juniata sandstone	Veneer, retaining walls, hearths; blonde, yellow, white, light purple. Geology according to Berg and Dodge (1981).
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##### *Dauphin County*

Blue Mountain Building Stone Co. 542 Cocoa Avenue Hershey, PA 17033-1433 (717) 533-9145 (717) 671-8711 <a href="http://www.bluemountainstone.com/">http://www.bluemountainstone.com/</a>	quarry Blue Mountain Enders 40°22'45"N 76°47'02"W	Mahantango sandstone	Building stone, boulders, wallstone, slabs, thin veneer; varicolored, including white, tan, rust, and brown. Probably mining Montebello or equivalent plus Silurian and Devonian sandstone float and colluvium.
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##### *Juniata County*

Blue Mountain Building Stone Co. 542 Cocoa Avenue Hershey, PA 17033-1433 (717) 533-9145 (717) 671-8711 <a href="http://www.bluemountainstone.com/">http://www.bluemountainstone.com/</a>	quarry Trioplus Quarry Mifflintown 40°35'40"N 77°28'55"W	Tuscarora sandstone	Building stone, boulders, treads, slabs, thin veneer, wallstone; colors: smokey blacks, greys, tans, burgandy, buffs, whites.
Quarry Cut, Inc. 77 Wells Road, Box 1020 Parker Ford, PA 19457 (610) 495-5088 (610) 587-7672 <a href="http://quarrycut.com">http://quarrycut.com</a>	quarry Stoudt Mine Spruce Hill 40°28'15"N 77°24'24"W	Tuscarora sandstone	Boulders, slabs, building stone, thin stone.

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### **DIMENSION STONE (cont.)**

#### **SANDSTONE (cont.)**

##### *Lackawanna County*

Pierre, Gregory J. 4269 Jubilee Road Madison Twp., PA 18444-6922 (570) 233-8516	quarry Madison Twp. #1 Sterling 41°21'04"N 75°28'17"W	Tuscarora sandstone	Boulders, slabs, building stone, thin stone.
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##### *Lycoming County*

Rummings Bluestone 804 Old US Highway 220 Jersey Shore, PA 17740-7860 (570) 398-1691 (570) 777-6441	quarry Bald Eagle Quarry Linden 41°11'14"N 77°11'57"W	Tuscarora sandstone	Veneer, retaining walls, hearths; brown, tan, red, earthtones. Geology from Faill and others (1977).
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##### *McKean County*

Gentilman, John J. 214 Chestnut Street Kane, PA 16735-1603 (814) 331-0934	quarry North Kane Stone Co. Kane 41°40'52"N 78°47'39"W	Pottsville sandstone	Surface stone, layered stone, and floor.
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##### *Northumberland County*

Chillisquaque Mountain Stone 729 Hookies Grove Rd. Northumberland, PA 17857-9545 (570) 473-7996	quarry Chillisquaque Mountain Stone Northumberland 40°56'46"N 76°46'41"W	Tuscarora sandstone	Decorative quartzite for landscape stone, boulders, fireplace stone.
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##### *Pike County*

Holbert, Wayne D. 115 Rocky Rift Farm Road Lackawaxen, PA 18435-9727 (570) 685-4405	quarry Holbert Quarry Eldred 41°30'01"N 74°59'29"W	Catskill sandstone	Bluestone. Steps, flagging, wallstone, patios; stone men up to 20 feet tall (primitive).
McKay, John S. 112 Mast Hope Ave. Lackawaxen, PA 18435-9776 (570) 685-7001 (570) 955-7540	quarry McKay Bluestone Quarry Narrowsburg 41°32'18"N 75°02'43"W	Catskill sandstone	Bluestone.

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### DIMENSION STONE (cont.)

#### SANDSTONE (cont.)

##### *Pike County (cont.)*

Springbrook Enterprises, Inc. 504 Well Road Hawley, PA 18428-6021 (570) 775-7320	quarry Springbrook Quarry Edgemere 41°21'48"N 74°58'09"W	Catskill sandstone	Bluestone. Variety of products.
<i>Potter County</i>			
Blauvelt, Paul 437 Herrington Road Shinglehouse, PA 16748-4410 (814) 698-2256	open pit Blauvelt Oswayo 41°55'24"N 78°05'55"W	Catskill sandstone Catskill shale	Bluestone. Flagstone, available in blue and green.
Drabert, Gary L. 77 Card Creek Road Roulette, PA 16746 (814) 544-9973	quarry Drabert Quarry Roulette 41°46'45"N 78°10'28"W	Oswayo sandstone	Flagstone. Mining near boundary of Oswayo and Catskill Formations.
Ludwig, James L. 2689 State Route 607 Austin, PA 16720-5927 (814) 642-7896	quarry Ludwig's Quarry Keating Summit 41°41'01"N 78°10'27"W	Catskill sandstone Huntley Mountain sandstone	Blue and gray flagstone. Catskill and Huntley Mountain sandstones are both exposed in this area.
<i>Schuylkill County</i>			
Rolling Rock Building Stone, Inc. 40 Rolling Rock Road Boyertown, PA 19512-8394 (610) 987-6226	quarry Stonemont Quarry Friedensburg 40°33'23"N 76°13'05"W	Hamilton sandstone	Natural fieldstone and split-face building stone. Geology according to Berg and Dodge (1981).
<i>Susquehanna County</i>			
Bennett, William T., Flagstone 1295 Gage Road Lawton, PA 18828 (570) 934-2571	quarry Bennett Middletown Quarry Lawton 41°52'16"N 76°04'59"W	Catskill sandstone	Bluestone.
Birchard, Rodney A. P. O. Box 332 Montrose, PA 18801 (570) 278-8770	quarry Northeast Stone Works, Inc. Springville 41°40'10"N 75°56'36"W	Catskill sandstone	Bluestone and other architectural stone native to this area.



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**DIMENSION STONE (cont.)**

**SANDSTONE (cont.)**

*Susquehanna County (cont.)*

Burke, William A. 196 Dean Road Meshoppen, PA 18630-7750 (570) 833-4805		quarry Burke Auburn Quarry Auburn Center 41°41'30"N 76°02'50"W	Catskill sandstone	Flagstone.
Burns, Don 17503 U.S. Route 11 New Milford, PA 18834-7728 (570) 465-3058		quarry Burns Susquehanna 41°56'19"N 75°36'33"W	Lock Haven sandstone	Flagstone. Stone (1932) described the "New Milford" lower sandstone as 20 ft. thick and exposed 70 ft. above tracks at New Milford.
Hibbard, Arvin & Milan 3830 State Route 3010 Springville, PA 18844-9709 (570) 278-1705	(570) 767-1705	quarry Mike's Quarry Springville 41°44'26"N 75°54'00"W	Catskill sandstone	Bluestone.
Jenkins, Rich, Inc. 362 Grinnell Road Kingsley, PA 18826-9518 (570) 434-2883		quarry Jenkins Montrose East 41°48'40"N 75°49'15"W	Catskill sandstone	Bluestone.
Kannenberg, Helga 882 Moran Road Little Meadows, PA 18830-7820 (570) 623-3371		quarry Kannenberg Quarry Friendsville 41°57'02"N 76°03'51"W	Catskill sandstone	Bluestone. Cut pattern and colonial stone.
Luce, Richard 23675 State Route 29 Hallstead, PA 18822-8920 (570) 967-2611	(607) 765-5323	quarry Luce 2 Quarry Franklin Forks 41°58'41"N 75°51'12"W	Catskill sandstone	Bluestone.
Luce, Richard 23675 State Route 29 Hallstead, PA 18822-8920 (570) 967-2611	(607) 765-5323	quarry Luce Rolling Acres Quarry Franklin Forks 41°58'42"N 75°51'09"W	Catskill sandstone	Bluestone.

Name	Type of Operation	Formation 1	Comments
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**DIMENSION STONE (cont.)**

**SANDSTONE (cont.)**

*Susquehanna County (cont.)*

McClain, Matthew R. PO Box 585 Tunkhannock, PA 18657 -0585 (570) 836-5035 (570) 406-0809 <a href="http://pafieldstonesupply.com/">http://pafieldstonesupply.com/</a>	quarry McClain Brooklyn Quarry Hop Bottom 41°44'46"N 75°48'47"W	Catskill sandstone	Bluestone. Fieldstone, colonial wall stone, veneer.
Meshoppen Stone, Inc. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767 (570) 833-0101 <a href="http://www.meshoppenstone.com">http://www.meshoppenstone.com</a>	quarry Hollister Quarry Auburn Center 41°41'39"N 76°03'44"W	Catskill sandstone	Bluestone. Flagstone, treads, hearths, steps.
Meshoppen Stone, Inc. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767 (570) 833-0101 <a href="http://www.meshoppenstone.com">http://www.meshoppenstone.com</a>	quarry Nemec Quarry Auburn Center 41°39'05"N 76°06'05"W	Catskill sandstone	Bluestone. Flagstone, treads, hearths, steps.
Meshoppen Stone, Inc. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767 (570) 833-0101 <a href="http://www.meshoppenstone.com">http://www.meshoppenstone.com</a>	quarry Newhart Quarry Friendsville 41°52'49"N 76°05'53"W	Catskill sandstone	Bluestone. Flagstone, treads, hearths, steps.
Meshoppen Stone, Inc. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767 (570) 833-0101 <a href="http://www.meshoppenstone.com">http://www.meshoppenstone.com</a>	quarry Smales 1 Quarry Springville 41°41'28"N 75°54'07"W	Catskill sandstone	Bluestone. Flagstone, treads, hearths, steps.
Meshoppen Stone, Inc. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767 (570) 833-0101 <a href="http://www.meshoppenstone.com">http://www.meshoppenstone.com</a>	quarry Stanley Quarry Lawton 41°48'18"N 76°02'13"W	Catskill sandstone	Bluestone. Flagstone, treads, hearths, steps.
Mi Desi Mine 140 Briarcrest Road Dallas, PA 18612-2726 (717) 319-0908	open pit Mi Desi Mine Springville 41°40'25"N 75°55'11"W	Catskill sandstone	Bluestone. Stand-up, irregular, cut pattern, various sizes.

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**DIMENSION STONE (cont.)**

**SANDSTONE (cont.)**

*Susquehanna County (cont.)*

Oliviero, Leonard 224 Stone Hill Road Kingsley, PA 18826-7109 (570) 222-7238		quarry Oliviero Quarry Lenoxville 41°44'23"N 75°38'29"W	Catskill sandstone	Bluestone, flagstone.
Ruark, William M. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767	(570) 833-0101	quarry Elk Lake Quarry Springville 41°44'43"N 75°57'50"W	Catskill sandstone	Bluestone, flagstone.
Rzepecki, Mary 1051 Johnson Pond Road Montrose, PA 18801 (570) 280-8729	(570) 280-8022	quarry Peter the Rock Stone Quarries Montrose East 41°47'29"N 75°51'43"W	Catskill sandstone	Bluestone. Some red. Stand-up, pattern, colonial.
Smith, William A. RR 5, Box 34 Montrose, PA 18801 (570) 278-1388		quarry Smith Montrose West 41°47'52"N 75°57'10"W	Catskill sandstone	Flagstone.
Smithson, Andrew J. 2 Woodfield Ln. Lawrenceville, NJ 08648-1059 (609) 896-0515	(570) 934-2424	quarry Smithson Quarry Lawton 41°48'22"N 76°04'37"W	Catskill sandstone	Bluestone.
Wheaton, Eric 1021 Lake Ave. Montrose, PA 18801-8648 (570) 267-4435		quarry Wheaton Quarry Auburn Center 41°42'49"N 76°06'21"W	Catskill sandstone	Bluestone.

*Wayne County*

Fuller, Douglas 420 Roberts Rd. Starlight, PA 18461-1127 (570) 635-5853		quarry F&R Quarry Hancock 41°57'15"N 75°20'59"W	Catskill sandstone	Bluestone.
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### DIMENSION STONE (cont.)

#### SANDSTONE (cont.)

#### Wayne County (cont.)

MBK Associates, LLC PO Box 103 Equinunk, PA 18417-0103 (607) 637-5222 (570) 224-4320	quarry Equinunk Quarry Long Eddy 41°51'38"N 75°14'43"W	Catskill sandstone Catskill shale	Bluestone.
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Roloson Excav. Inc. 836 Braman Road Equinunk, PA 18417-3131 (570) 224-4881	quarry Roloson-Cooley #1 Callicoon 41°48'33"N 75°05'07"W	Catskill sandstone	Bluestone.
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Star Pond LLC 315 Old Route 10 Deposit, NY 13754-2106 (607) 467-4990	quarry Star Pond Quarry Starrucca 41°58'08"N 75°23'19"W	Catskill sandstone	Bluestone, cut.
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Summa Frank A. 2345 State Route 167 Hop Bottom, PA 18824-9504 (570) 289-4626	quarry Summa Starrucca Quarry Starrucca 41°53'16"N 75°28'02"W	Catskill sandstone	Flagstone.
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#### Wyoming County

Choplosky, Jeremy 101 State Street Nicholson, PA 18446-8210 (570) 942-6489	quarry Doghole Quarry Hop Bottom 41°38'08"N 75°45'22"W	Catskill sandstone	Bluestone. Colonial wallstone, heavy and irregular flagstone.
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Meshoppen Stone, Inc. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767 (570) 833-0101 <a href="http://www.meshoppenstone.com">http://www.meshoppenstone.com</a>	quarry Carter Quarry Meshoppen 41°37'27"N 76°02'21"W	Catskill sandstone	Bluestone. Flagstone, treads, hearths, steps.
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Meshoppen Stone, Inc. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767 (570) 833-0101 <a href="http://www.meshoppenstone.com">http://www.meshoppenstone.com</a>	quarry Nealy Quarry Laceyville 41°38'58"N 76°07'59"W	Catskill sandstone	Bluestone. Flagstone, treads, hearths, steps.
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### DIMENSION STONE (cont.)

#### SANDSTONE (cont.)

##### *Wyoming County (cont.)*

Ruark, William M. PO Box 127 Meshoppen, PA 18630-0127 (570) 833-2767	(570) 833-0101	quarry Alderdice Quarry Meshoppen 41°36'59"N 76°01'53"W	Catskill sandstone	Bluestone, flagstone.
Spencer, Kevin 515 Spencer Hill Road Nicholson, PA 18446-9635 (570) 942-6466 <a href="mailto:haystack1@epix.net">haystack1@epix.net</a>	(570) 690-1288	quarry Spencer Hill Farm Factoryville 41°36'42"N 75°46'42"W	Catskill sandstone	Stand-up, colonial, boulders, steppers, blue-gray; available in full and half pallets.

#### SCHIST

##### *Delaware County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	(610) 494-4722	quarry Pyramid Materials Media 39°52'38"N 75°25'30"W	Wissahickon schist Wissahickon gneiss	
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##### *Montgomery County*

Wissahickon Stone Quarry LLC 1A Waverly Road Glenside, PA 19038-7237 (215) 353-3281 <a href="http://www.wsqllc.net">http://www.wsqllc.net</a>		quarry Wissahickon Stone Quarry LLC Germantown 40°05'15"N 75°10'40"W	Wissahickon schist	Building stone and veneers, browns through light and dark gray, high content of mica and quartz.
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#### SHALE

##### *Elk County*

Kline, Chris, Enterprises LLC 351 State Street St. Marys, PA 15857-2649 (814) 781-8334		quarry St. Marys Stone, Mulch & More St. Marys 41°25'14"N 78°35'35"W	Shenango through Oswayo shale	Decorative landscaping stone (various types). Mapped as Shenango through Oswayo undivided (Berg and Dodge, 1981).
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##### *Westmoreland County*

Flagstone Vista, Inc. 2158 State Route 381 Rector, PA 15677 (724) 593-2628		open pit Cook Township Site Stahlstown 40°10'21"N 79°17'33"W	Casselman shale	Flagstone. Geology according to Berg and Dodge (1981).
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Name	Type of Operation	Formation 1	Comments
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### **DIMENSION STONE (cont.)**

#### **SLATE**

##### *Lehigh County*

Penn Big Bed Slate Company, Inc. PO Box 184 Slatingdon, PA 18080-0184 (610) 767-4601 <a href="http://pennbigbedslate.com/">http://pennbigbedslate.com/</a>	quarry Manhattan Slatedale 40°44'56"N 75°39'36"W	Pen Argyl slate	Structural slate, roofing slate, flagging, sills, treads, blackboards, tiles and panels, turkey calls. Mining the Pen Argyl Member of the Martinsburg Formation. See Behre (1933) and Berkheiser (1984, 1985b) for a description of the geology and mining.
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##### *Northampton County*

Penn Big Bed Slate Company, Inc. PO Box 184 Slatingdon, PA 18080-0184 (610) 767-4601 (610) 863-4172 <a href="http://pennbigbedslate.com/">http://pennbigbedslate.com/</a>	quarry A. Dally and Sons Wind Gap 40°51'40"N 75°15'23"W	Pen Argyl slate	Structural slate, roofing slate, electrical slate, billiard slate, blackboards, flooring. Mining the Pen Argyl Member of the Martinsburg Formation. See Behre (1933) and Berkheiser (1984, 1985b).
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#### **FILL**

#### **ALLUVIUM/COLUVIUM**

##### *Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	open pit Mainsville 2 Scotland 39°59'42"N 77°30'38"W	Quaternary alluvium/coluvium	Clay.
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#### **CLAY**

##### *Lawrence County*

East Fairfield Coal Co. 10900 South Avenue North Lima, OH 44452-9792 (330) 549-2165 (330) 542-1010	open pit Raushel Mine New Middletown 40°54'50"N 80°30'33"W	Lower Kittanning clay	
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##### *Tioga County*

Fisher Aggregate 1658 Buckwheat Hollow Road Lawrenceville, PA 16929-8745 (570) 827-2620 (607) 769-3609	open pit Fisher Aggregate Jackson Summit 41°59'52"N 77°06'46"W	Quaternary clay	
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### FILL (cont.)

#### GRAVEL

##### *Monroe County*

Dehaven, Floyd, Jr. 1315 Sullivan Trail Scotrun, PA 18355-9611 (570) 629-1731	(570) 629-5377	open pit Dehaven Pocono Pines 41°05'32"N 75°23'37"W	Quaternary gravel	Mapped as unsorted clay, silt, sand, pebbles, cobbles, and boulders by Berg and others (1977).
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#### SAND AND GRAVEL

##### *Clearfield County*

North Star Aggregates, Inc. PO Box R Ridgway, PA 15853-0319 (814) 637-5599 <a href="http://northstaraggregates.com">http://northstaraggregates.com</a>		open pit Penfield Penfield 41°12'58"N 78°33'50"W	Quaternary sand and gravel	Mining Quaternary alluvium.
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##### *Crawford County*

Watson, Robert E. and Ruth Ann 38881 Armstrong Road Centerville, PA 16404-4815 (814) 967-5250		open pit Watson Centerville 41°43'50"N 79°46'16"W	Quaternary sand and gravel	Gravel is mapped as kame and outwash deposits (Shepps and others, 1959).
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##### *Pike County*

Martin, Matthew G. 194 Egypt Road Tafton, PA 18464-9690 (570) 226-7526		quarry Martin Excavating Hawley 41°22'46"N 75°09'50"W	Quaternary sand and gravel	
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#### SANDSTONE

##### *Cameron County*

Solveson Contr., Inc. 340 Catlin Hollow Drive Emporium, PA 15834-5254 (814) 486-3687		quarry SCI Stone West Creek 41°27'33"N 78°19'11"W	Shenango through Oswayo sandstone	
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**FILL (cont.)**  
**SANDSTONE (cont.)**  
*Carbon County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Jamico South Pit Christmans 40°57'58"N 75°38'37"W	Catskill sandstone	Mining the Duncannon Member of the Catskill Formation. For geology, see Sevon (1975).
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*Cumberland County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211      (717) 530-1559 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Mt. Cydonia No. 3 Walnut Bottom 40°03'04"N 77°24'54"W	Antietam sandstone	Clay.
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**SANDSTONE AND QUARTZITE**  
*Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211      (717) 352-3411 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Mt. Cydonia No. 1 Scotland 39°53'38"N 77°30'50"W	Antietam sandstone and quartzite	Clay.
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**SHALE**  
*Bedford County*

Crist, Troy A. 2496 N Imler Valley Road Imler, PA 16655-8009 (814) 239-0092      (814) 330-2616	quarry Crist Mine Roaring Spring 40°15'46"N 78°28'40"W	Onondaga and Old Port shale	Bank sand.
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*Berks County*

Bashore, Barry, Inc. PO Box 18 Bethel, PA 19507-0318 (717) 933-8686	quarry Barry Bashore Bethel 40°28'45"N 76°16'22"W	Hamburg shale	
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**FILL (cont.)**

**SHALE (cont.)**

*Centre County*

Confer, James W. 153 Confer Lane Spring Mills, PA 16875-9710 (814) 422-8267	quarry Aumans Quarry Madisonburg 40°52'58"N 77°32'32"W	Salona shale	Mining unit mapped as Coburn through Nealmont, undivided. Salona is the more shaly formation. Geology according to Berg and Dodge (1981).
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Confer, James W. 153 Confer Lane Spring Mills, PA 16875-9710 (814) 422-8267	quarry Browns Quarry Spring Mills 40°49'21"N 77°36'30"W	Reedsville shale	Geology according to Berg and Dodge (1981).
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Swank, Thomas B. 285 Upper Georges Valley Road Spring Mills, PA 16875-9118 (814) 364-1844	open pit Swank Centre Hall 40°48'47"N 77°37'40"W	Reedsville shale	Operator reports that the material is good for road base.
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*Clearfield County*

Killion, Harry D. Trucking & Excav. 6085 St. Lawrence Road Coalport, PA 16627-8613 (814) 672-5311	quarry Harry D. Killion Trucking & Excav. Irvona 40°45'37"N 78°33'28"W	Allegheny Shale	Operator states that the product is good for pads, roads, and fill around foundations.
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*Clinton County*

Charles, Thomas F. 838 E Central Ave. Jersey Shore, PA 17740-7014 (570) 753-3595	open pit Spong Hollow Mine Jersey Shore 41°11'00"N 77°20'12"W	Lock Haven shale	
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*Columbia County*

Sokol, Inc. P. O. Box 366 Bloomsburg, PA 17815-0366 (570) 784-4411	(570) 925-5993 open pit Stillwater Benton 41°08'44"N 76°22'34"W	Trimmers Rock shale	
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**FILL (cont.)**

**SHALE (cont.)**

*Crawford County*

Agnew, Bryan M. 13029 State Highway 18 Conneaut Lake, PA 16316-5719 (814) 282-2447	(814) 382-2151	open pit Agnew Harmonsburg 41°41'10"N 80°19'23"W	Bedford shale	See Schiner and Gallaher (1979) for geology.
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Watson, Robert E. and Ruth Ann 38881 Armstrong Road Centerville, PA 16404-4815 (814) 967-5250		open pit Watson Centerville 41°43'50"N 79°46'16"W	Bedford shale	
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*Cumberland County*

Hamilton, Harold L., Sr. 261 Ridge Road Shippensburg, PA 17257-9738 (717) 776-5197		open pit Hamilton Newville 40°08'06"N 77°28'36"W	Martinsburg shale	
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Minich, N.L., & Sons, Inc. 211 N Middleton Road Carlisle, PA 17013-8612 (717) 243-2856		open pit N.L. Minich & Sons, Inc. Carlisle 40°14'49"N 77°13'43"W	Martinsburg shale	
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Nolt, Warren M. 34 Clugston Road Newville, PA 17241-9686 (717) 776-6240		open pit Red Shed Slate Pit Newville 40°08'19"N 77°29'03"W	Martinsburg shale	
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Weller, Martin L., Sr. 58 Feaster Road Chambersburg, PA 17202-7703 (717) 375-4244		open pit Martin L. Weller Slate Bank Newville 40°12'37"N 77°28'19"W	Martinsburg shale	
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*Elk County*

Kline, Chris, Enterprises LLC 351 State Street St. Marys, PA 15857-2649 (814) 781-8334		quarry St. Marys Stone, Mulch & More` St. Marys 41°25'14"N 78°35'35"W	Shenango through Oswayo shale	Mapped as Shenango through Oswayo undivided (Berg and Dodge, 1981)
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<p align="center"><b>FILL (cont.)</b>  <b>SHALE (cont.)</b>  <i>Franklin County</i></p>			
George, D.L., & Sons Construction Company 20 East 6th Street Waynesboro, PA 17268-9418 (717) 765-4700	quarry George Kershner Quarry Williamson 39°46'44"N 77°45'42"W	Martinsburg shale	Geology from Berg and others (1980).
Hill, R.A., Inc. 1364 Lincoln Way E Chambersburg, PA 17202-3083 (717) 264-7413 (717) 729-3065	open pit Commerce Street Shale Pit Chambersburg 39°56'57"N 77°39'48"W	Martinsburg shale	
Hill, R.A., Inc. 1364 Lincoln Way E Chambersburg, PA 17202-3083 (717) 264-7413 (717) 729-3065	open pit Letterkenny Road Shale Pit Chambersburg 39°57'35"N 77°40'10"W	Martinsburg shale	
Martin, David H. 4961 Cumberland Highway Chambersburg, PA 17202-9655 (717) 264-2168 (717) 729-1393 <a href="http://dhmexc.com/">http://dhmexc.com/</a>	open pit Martin Shale Pit No. 8 Chambersburg 39°57'10"N 77°40'00"W	Martinsburg shale	
Martin, David H. 4961 Cumberland Highway Chambersburg, PA 17202-9655 (717) 264-2168 (717) 729-1393 <a href="http://dhmexc.com/">http://dhmexc.com/</a>	open pit Martin Shale Pits Nos. 3 and 4 Greencastle 39°49'20"N 77°44'36"W	Martinsburg shale	See Root (1971) for geology.
McCulloh, Robert D., Excav. & Paving, Inc. 5006 Buchanan Trail W Greencastle, PA 17225-9316 (717) 597-2702	quarry Robert D. McCulloh Exc. & Paving Mercersburg 39°48'09"N 77°57'14"W	Martinsburg shale	
Miller, R.R., & Sons, Inc. 10961 Worleytown Road Greencastle, PA 17225-9662 (717) 597-2390	open pit Miller's Mine Mason and Dixon 39°43'51"N 77°48'44"W	Martinsburg shale	

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<b>FILL (cont.)</b>			
<b>SHALE (cont.)</b>			
<i>Franklin County (cont.)</i>			
Snoke's Excavating and Paving, Inc. 33 East Main Street Walnut Bottom, PA 17266-9704 (717) 532-2857	open pit Vaughn's Shippensburg 40°03'58"N 77°35'16"W	Martinsburg shale	
<i>Huntingdon County</i>			
Colton, Robert B. 11368 Old Town Road Huntingdon, PA 16652 (814) 667-2172	open pit Yocum Site Allensville 40°34'58"N 77°52'28"W	Hamilton shale	Geology according to Berg and Dodge (1981).
<i>Luzerne County</i>			
Dotzel Trucking 19 Felisha Way Mountain Top, PA 18707-9666 (570) 868-5467 (570) 760-1448	quarry Dotzel Quarry Sybertsville 41°01'15"N 76°00'40"W	Mauch Chunk shale	Geology according to Berg and Dodge (1981).
Dotzel Trucking 19 Felisha Way Mountain Top, PA 18707-9666 (570) 868-5467 (570) 760-1448	quarry Slocum 2 Quarry Nanticoke 41°08'31"N 76°00'46"W	Catskill shale	Geology according to Berg and Dodge (1981).
<i>Lycoming County</i>			
Winder, Dan A., Jr. 281 Sunrise Dr. Hughesville, PA 17737-9106 (570) 279-6521 (570) 584-6056	quarry Dan Winder Quarry Picture Rocks 41°15'15"N 76°42'45"W	Trimmers Rock shale	Rough shale.
<i>Mercer County</i>			
McDowell, John H. 270 Hemlock Road Grove City, PA 16127-8358 (814) 786-7886	open pit McDowell Grove City 41°12'29"N 80°02'56"W	Shenango shale	Mining near mapped contact of Pottsville and Shenango.

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City	Quadrangle	Formation 2	
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<b>FILL (cont.)</b>			
<b>SHALE (cont.)</b>			
<i>Mifflin County</i>			
Peachy, Emerson L. 39 Betty Circle Reedsville, PA 17084-8609 (717) 667-9408	open pit Peachey's Shale Quarry Allensville 40°35'18"N 77°47'00"W	Reedsville shale	
Russler, Adam K. 1057 River Rd. McVeytown, PA 17051-8239 (717) 348-7040	open pit Russler Belleville 40°30'40"N 77°41'21"W	Wills Creek shale	
<i>Monroe County</i>			
Fuhse Excavating 111 Travis Hawley, PA 18428-6103 (570) 775-7927	quarry Echo Lake Quarry Bushkill 41°04'25"N 75°03'06"W	Mahantango shale	Geology according to Berg and Dodge (1981).
<i>Northumberland County</i>			
Adams, Roy A., Partnership 7347 State Route 147 Sunbury, PA 17801-6078 (570) 286-9698	open pit Adams Sunbury 40°49'06"N 76°48'26"W	Hamilton shale	Geology according to Berg and Dodge (1981).
Diminick, Ferdinand A. 615 Elysburg Rd. Danville, PA 17821-7832 (570) 672-2795	quarry Ferdinand A. Diminick Danville 40°53'37"N 76°34'04"W	Trimmers Rock shale	
Ferster, Mark L. 521 Hofflander Road Dornsife, PA 17823-7078 (570) 758-1734	quarry Mark Ferster & Sons Excavating Pillow 40°41'31"N 76°46'26"W	Trimmers Rock shale	
Fleming, Samuel L. 160 Airport Road Sunbury, PA 17801-7001 (570) 850-6474 (570) 898-3993	quarry Fleming Quarry Trevorton 40°49'44"N 76°43'33"W	Hamilton shale	

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**FILL (cont.)**

**SHALE (cont.)**

*Northumberland County (cont.)*

J Mar Construction, Inc. 372 Forestview Drive Sunbury, PA 17801-5157 (570) 286-0746	quarry J Mar Construction Quarry Sunbury 40°49'04"N 76°47'30"W	Hamilton shale	
Stahlnecker, R.C., Co. PO Box 296 Milton, PA 17847-0296 (570) 742-7636	quarry Stahlnecker Milton 41°01'30"N 76°51'00"W	Bloomsburg shale	

*Perry County*

Armolt, Bobbi L. 6148 Spring Rd. Shermans Dale, PA 17090-8622 (717) 582-3011	open pit Sam Armolt Excavating Shermans Dale 40°20'55"N 77°11'26"W	Hamilton shale	
Dum, Benjamin 44 Meadow Lane Elliottsburg, PA 17024-9091 (717) 582-2110 (717) 497-1438	open pit Dum Landisburg 40°22'28"N 77°16'07"W	Marcellus shale Onondaga shale	
Pontius, Ilene 273 Pontius Lane Loysville, PA 17047 (717) 789-2169	open pit Kling Shale Pit Spruce Hill 40°22'28"N 77°22'55"W	Marcellus shale	Geology from Miller (1961).
Smith, William A. 5557 Couchtown Road Blain, PA 17006-6235 (717) 536-3675	quarry Smith's Excavating Andersonburg 40°17'47"N 77°29'33"W	Clinton shale	
Snyder, Robert H. 237 Notch Road Duncannon, PA 17020-7018 (717) 834-4211 (717) 648-7626	open pit Snyder Paving & Excavating Duncannon 40°27'06"N 77°00'02"W	Catskill shale	

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<b>FILL (cont.)</b>			
<b>SHALE (cont.)</b>			
<i>Pike County</i>			
Cykosky, Ed, Jr., Inc. 1274 Route 507 Greentown, PA 18426-3710 (570) 857-2956	quarry Ed Cykosky, Jr., Inc. Newfoundland 41°21'30"N 75°17'26"W	Catskill shale	Red shale.
Martin, Matthew G. 194 Egypt Road Tafton, PA 18464-9690 (570) 226-7526	quarry Martin Excavating Hawley 41°22'46"N 75°09'50"W	Catskill shale	Red shale.
<i>Schuylkill County</i>			
Mintz, Jean & Jean PO Box 145 Schuylkill Haven, PA 17972-0145 (570) 385-5326	quarry Mintz Quarry Pottsville 40°37'56"N 76°07'35"W	Trimmers Rock shale	Geology according to Berg and Dodge (1981).
<i>Susquehanna County</i>			
Cals Auto, Inc. 441 E Baltimore Avenue Clifton Heights, PA 19018 (610) 394-3220	quarry Great Bend Quarry Great Bend 41°59'37"N 75°43'38"W	Catskill shale	
Springville LP 8 Millers Crossing Tenafly, NJ 07670 (917) 301-6182	quarry Springville Springville 41°42'18"N 75°56'13"W	Catskill shale	
<i>Union County</i>			
Willow Lake Excavation 16257 US Route 15 Allenwood, PA 17810-9154 (570) 538-4243	quarry Willow Lake Allenwood 41°05'35"N 76°53'10"W	Rose Hill shale	Shale and fill.

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**FILL (cont.)**

**SHALE (cont.)**

*Wayne County*

Scull, Ronald 565 Beach Lake Highway Honesdale, PA 18431-3022 (570) 729-7636	(570) 251-9818	quarry Valley Sand and Gravel White Mills 41°34'28"N 75°12'02"W	Catskill shale	Shot shale and red crushed shale.
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Suhosky, Robert J. 26 Lakeview Heights Drive Honesdale, PA 18431-9514 (570) 253-2245		open pit Suhosky Honesdale 41°33'19"N 75°17'02"W	Catskill shale	
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Wilmot, Robert R., Jr. 253 Goose Pond Road Lake Ariel, PA 18436-5715 (570) 840-2886 <a href="mailto:rrwinc@hotmail.com">rrwinc@hotmail.com</a>	(570) 698-6989	open pit Evergreen Estates Quarry Lakeville 41°24'07"N 75°20'37"W	Catskill shale	
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*Wyoming County*

Baker, John 333 Nimble Hill Road Forkston Twp., PA 18629-6050 (570) 833-4115	(570) 823-2125	quarry Baker Quarry Jenningsville 41°32'51"N 76°07'34"W	Catskill shale	Geology according to Berg and Dodge (1981).
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**SHALE AND GRAYWACKE**

*Berks County*

Bechtold, Dale M. 90 Schmehl Drive Bethel, PA 19507-9583 (717) 933-5713	(717) 821-0696	open pit Bechtold Bethel 40°28'55"N 76°20'53"W	Hamburg shale and graywacke	
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**SHALE AND SILTSTONE**

*Franklin County*

Martin, David H. 4961 Cumberland Highway Chambersburg, PA 17202-9655 (717) 264-2168 <a href="http://dhmexc.com/">http://dhmexc.com/</a>	(717) 729-1393	open pit Martin Shale Pit No. 2 Chambersburg 39°58'40"N 77°40'19"W	Martinsburg shale and siltstone	
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**FILL (cont.)**

**SHALE AND SILTSTONE (cont.)**

*Franklin County (cont.)*

Martin, David H. 4961 Cumberland Highway Chambersburg, PA 17202-9655 (717) 264-2168 <a href="http://dhmexc.com/">http://dhmexc.com/</a>	open pit Martin Shale Pit No. 7 Williamson 39°48'27"N 77°46'46"W	Martinsburg shale and siltstone	
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**SLAG**

*Beaver County*

Beaver Valley Slag 100 Bet-Tech Drive Aliquippa, PA 15001 (724) 773-0444 <a href="http://bvslag.com">http://bvslag.com</a>	slag bank Beaver Valley Slag Beaver 40°39'04"N 80°15'32"W	slag	
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*Cambria County*

Phoenix SVC, LLC 148 West State Street, Ste. 301 Kennett Square, PA 19348-3021 (610) 347-0444 <a href="http://phxslag.com">http://phxslag.com</a>	slag bank Johnstown Geistown 40°21'26"N 78°51'26"W	slag	2A fill, ballast. Blast-furnace slag.
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*Westmoreland County*

Tube City IMS, LLC 1155 Business Center Drive, Suite 200 Horsham, PA 19044-3454 (215) 956-5639 <a href="http://www.tubecityims.com/">http://www.tubecityims.com/</a>	slag bank Patton Site Donora 40°09'17"N 79°50'09"W	slag	
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**FILLERS**

**CLAY**

*Lancaster County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	mine Narvon Mine Honey Brook 40°05'57"N 75°59'00"W	Chickies clay	Fillers and extenders; kaolin. Hosterman (1984)
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### FILLERS (cont.)

#### DOLOMITE

##### *Lancaster County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 442-4148 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Limeville Honey Brook 40°00'28"N 75°58'21"W	Ledger dolomite	Fillers and extenders.
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##### *York County*

Magnesita Refractories Company 425 South Salem Church Road York, PA 17408-5955 (717) 792-3611 (717) 792-3683	quarry York Quarry West York 39°56'25"N 76°48'40"W	Ledger dolomite	See Stose and Jonas (1939) for geo., Hopkins (1985a, b) for desc., Ganis and Hopkins (1984b), Hopkins and Ganis (1990), Taylor and Hopkins (1990) for geo. and desc. <1% insol. min. (Ganis and Hopkins, 1995).
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#### LIMESTONE

##### *Northumberland County*

Meckley's Limestone Products, Inc. 1543 State Route 225 Herndon, PA 17830-9665 (570) 758-3011	quarry Mandata Pillow 40°40'28"N 76°50'06"W	Keyser-Tonoloway limestone	See Faill and others (1973) and Hoskins (1976) for description, geology, and analyses. See Meckley (1996) for a perspective on the company's history.
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##### *Snyder County*

National Limestone Quarry, Inc. PO Box 397 Middleburg, PA 17842-0397 (570) 837-1635	quarry Paxtonville Middleburg 40°46'01"N 77°07'10"W	Keyser-Tonoloway limestone	Fillers for fertilizer. See O'Neill (1964) for analysis.
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##### *York County*

Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Ensminger West York 39°56'14"N 76°47'20"W	Kinzers limestone	Fillers for whiting, plastics, rubber, ceramics, health products, and construction. See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.
Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Williams West York 39°56'15"N 76°46'58"W	Kinzers limestone	Fillers for whiting, plastics, rubber, ceramics, health products, and construction. See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.

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**FILLERS (cont.)**  
**LIMESTONE (cont.)**  
*York County (cont.)*

Oldcastle Industrial Minerals, Inc. 550 South Biesecker Road Thomasville, PA 17364-9699 (717) 235-7023	underground mine Thomasville West York 39°55'18"N 76°51'24"W	Kinzers limestone	Specializes in micron-size particles for fillers; also produces mineral foods. See Cloos (1968) and Ganis and Hopkins (1995) for geologic description, O'Neill (1964) for analysis, and Berkheiser (1983) for whiting potential.
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**HIGH-CALCIUM LIMESTONE**  
**LIMESTONE**  
*Adams County*

Vulcan Construction Materials, LP 875 Oxford Avenue Hanover, PA 17331 (804) 717-8374 (717) 637-7121 <a href="http://www.vulcanmaterials.com">http://www.vulcanmaterials.com</a>	quarry Hanover McSherrystown 39°50'00"N 77°02'00"W	Kinzers limestone Ledger dolomite	Selectively mining in a geologically complex setting. See Berkheiser (1983) and Hole (1968) for analyses.
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*Berks County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (610) 689-9551 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Oley Birdsboro 40°21'20"N 75°48'02"W	Annville limestone	Selective mining for high calcium limestone; averages about 92 percent calcium carbonate. See O'Neill (1964) for analysis, MacLachlan (1983) and Smith (1977) for geology.
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*Centre County*

Con-Stone, Inc. PO Box 28 Bellefonte, PA 16823-0028 (814) 355-9580 (814) 349-2400	quarry Aaronsburg Millheim 40°53'40"N 77°26'27"W	Valentine limestone	Mining the Valentine Member of the Linden Hall Formation.
Graymont PA., Inc. 965 East College Avenue Bellefonte, PA 16823-6823 (814) 355-4761 (814) 359-2313 <a href="http://www.graymont.com/">http://www.graymont.com/</a>	quarry Gentzel Mingoville 40°53'32"N 77°42'00"W	Centre Hall limestone Rodman limestone	High-calcium quicklime. See Berkheiser and Smith (1995).
Graymont PA., Inc. 965 East College Avenue Bellefonte, PA 16823-6823 (814) 355-4761 (814) 357-4525 <a href="http://www.graymont.com/">http://www.graymont.com/</a>	underground mine Nos. 1 and 2 Mingoville 40°53'16"N 77°42'35"W	Valentine limestone	High-calcium lime. Mining the Valentine Member of the Linden Hall Formation. Location is for entrance to Numbers 1 and 2. Number 3 is nearby.

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## HIGH-CALCIUM LIMESTONE (cont.)

### LIMESTONE (cont.)

#### *Lebanon County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Millard Palmyra 40°19'30"N 76°34'00"W	Annville limestone Ontelaunee dolomite	Includes quicklime. Stripping Ontelaunee to mine Annville. May selectively mine underground. See O'Neill (1976) and Sims (1968) for analyses, Geyer (1970) for geology, Turley (1993) for description.
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#### *Lycoming County*

Hanson Aggregates Pennsylvania, LLC 7660 Imperial Way Allentown, PA 18195-1040 (610) 366-4600 (717) 745-7555	quarry Pine Creek Linden 41°09'14"N 77°12'51"W	Coburn limestone Hatter limestone	Mining Coburn through Hatter. Includes 68 ft. containing 94 percent CaCO <sub>3</sub> and 2.4 MgCO <sub>3</sub> from the upper part of the Linden Hall. See Faill and others (1977) for geology and analyses.
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#### *York County*

Oldcastle Industrial Minerals, Inc. 550 South Biesecker Road Thomasville, PA 17364-9699 (717) 235-7023	underground mine Thomasville West York 39°55'18"N 76°51'24"W	Kinzers limestone	See Cloos (1968) and Ganis and Hopkins (1995) for geologic description, O'Neill (1964) for analysis, and Berkheiser (1983) for whiting potential.
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## HIGH-MAGNESIUM DOLOMITE

### DOLOMITE

#### *Adams County*

Vulcan Construction Materials, LP 875 Oxford Avenue Hanover, PA 17331 (804) 717-8374 (717) 637-7121 <a href="http://www.vulcanmaterials.com">http://www.vulcanmaterials.com</a>	quarry Hanover McSherrystown 39°50'00"N 77°02'00"W	Ledger dolomite Kinzers limestone	Selectively mining in a geologically complex setting. See Berkheiser (1983) and Hole (1968) for analyses.
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#### *Lancaster County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 442-4148 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Limeville Honey Brook 40°00'28"N 75°58'21"W	Ledger dolomite	
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### HIGH-MAGNESIUM DOLOMITE (cont.)

#### DOLOMITE (cont.)

##### *Montgomery County*

Highway Materials, Inc. 1750 Walton Road Blue Bell, PA 19422-0465 (610) 832-8000	(610) 828-4300	quarry Plymouth Meeting Germantown 40°06'27"N 75°14'54"W	Ledger dolomite	High-magnesium quicklime. See O'Neill (1964) for analysis.
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### LANDFILL PRODUCTS

#### CLAY

##### *Berks County*

Martin Stone Quarries, Inc. 1355 North Reading Avenue Bechtelsville, PA 19505-0297 (610) 367-2011 <a href="http://martinstone.com">http://martinstone.com</a>		quarry Martin Stone Quarry Boyertown 40°22'56"N 75°37'46"W	Quaternary clay	Clay for landfill liner. See Buckwalter (1959) for geology and Pennsylvania Geological Survey (1984) for description.
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#### DOLOMITE

##### *York County*

Magnesita Refractories Company 425 South Salem Church Road York, PA 17408-5955 (717) 792-3611	(717) 792-3683	quarry York Quarry West York 39°56'25"N 76°48'40"W	Ledger dolomite	Clay. See Stose and Jonas (1939) for geo., Hopkins (1985a, b) for desc., Ganis and Hopkins (1984b), Hopkins and Ganis (1990), Taylor and Hopkins (1990) for geo. and desc. <1% insol. min. (Ganis and Hopkins, 1995).
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### SAND AND GRAVEL

##### *Venango County*

Vincent Excavating and Gravel 154 Vincent Road Franklin, PA 16323-9325 (814) 432-8126		open pit Vincent Excavating Franklin 41°25'17"N 79°50'46"W	Quaternary sand and gravel	Landfill cover material. Mapped as kames, kame terraces, kame moraines, and eskers, undifferentiated (Shepps and others, 1959).
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#### SANDSTONE

##### *Somerset County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	(814) 754-4921	quarry Central City Central City 40°07'13"N 78°47'30"W	Allegheny sandstone	Aggregate for leachate zone. Apparently mining sandstone associated with the Kittanning and Clarion coals. See Atlee (1989) for history.
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### LANDFILL PRODUCTS (cont.)

#### SANDSTONE (cont.)

##### *Somerset County (cont.)*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 754-4921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Ishman Ogletown 40°07'50"N 78°45'03"W	Allegheny sandstone	Aggregate for leachate zone. Apparently mining sandstone associated with the Kittanning and Clarion coals. See Atlee (1989) for history.
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#### SHALE

##### *York County*

Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Ensminger West York 39°56'14"N 76°47'20"W	Kinzers shale	Landfill covers, landfill liners, and backfill. See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.
Kinsley Construction, Inc. PO Box 2886 York, PA 17405-2886 (717) 741-3841	quarry Williams West York 39°56'15"N 76°46'58"W	Kinzers shale	Landfill covers, landfill liners, and backfill. See Ganis and Hopkins (1984a, 1990, 1995), Ganis and Taylor (1990), and Hopkins and Ganis (1990) for geology and descriptions.

### LANDSCAPE BOULDERS

#### ARGILLITE

##### *Bucks County*

Edison Quarry, Inc. 25 Quarry Road Doylestown, PA 18901-2809 (215) 348-4382 <a href="mailto:buccirock@aol.com">buccirock@aol.com</a>	quarry Edison Doylestown 40°17'02"N 75°07'46"W	Locketong argillite	See Willard and others (1959) for geology, Hoover and others (1971) for analyses. Accepts clean fill.
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#### SANDSTONE

##### *Butler County*

Raducz Stone Corporation 313 Pittsburgh Road Butler, PA 16002-3983 (724) 287-6210 <a href="http://www.raduczstone.com">http://www.raduczstone.com</a>	quarry Butler Butler 40°48'04"N 79°55'41"W	Glenshaw sandstone	Sizes range from 20 pounds to multiple tons.
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### LANDSCAPE BOULDERS (cont.)

#### SANDSTONE (cont.)

##### *Dauphin County*

Blue Mountain Building Stone Co. 542 Cocoa Avenue Hershey, PA 17033-1433 (717) 533-9145 (717) 671-8711 <a href="http://www.bluemountainstone.com/">http://www.bluemountainstone.com/</a>	quarry Blue Mountain Enders 40°22'45"N 76°47'02"W	Mahantango sandstone	Varicolored, including white, tan, rust, and brown. Probably mining Montebello or equivalent plus Silurian and Devonian sandstone float and colluvium.
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##### *Northumberland County*

Chillisquaque Mountain Stone 729 Hookies Grove Rd Northumberland, PA 17857-9545 (570) 473-7996	quarry Chillisquaque Mountain Stone Northumberland 40°56'46"N 76°46'41"W	Tuscarora sandstone	Mountain rubble, various sizes.
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#### SCHIST

##### *Delaware County*

H & K Group, Inc. PO Box 196 Skipack, PA 19474-0196 (610) 584-8500 (610) 494-4722 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Pyramid Materials Media 39°52'38"N 75°25'30"W	Wissahickon schist Wissahickon gneiss	
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### MASONRY RAW MATERIALS

#### QUARTZITE

##### *Chester County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (610) 273-2921	quarry Honey Brook Honey Brook 40°07'26"N 75°54'14"W	Chickies quartzite	Washed and unwashed sand used for masonry mixing. See Berkheiser (1985a) for chemical analyses.
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#### SAND

##### *Wayne County*

Scull, Ronald 565 Beach Lake Highway Honesdale, PA 18431-3022 (570) 729-7636 (570) 251-9818	quarry Valley Sand and Gravel White Mills 41°34'28"N 75°12'02"W	Quaternary sand	Masonry sand.
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### MASONRY RAW MATERIALS (cont.)

#### SANDSTONE

##### *Somerset County*

Keystone Lime Company, Inc. PO Box 278 Springs, PA 15562-0278 (814) 662-2711	quarry Rodamer Quarry Markleton 39°45'10"N 79°09'54"W	Burgoon sandstone	
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 754-4921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Central City Central City 40°07'13"N 78°47'30"W	Allegheny sandstone	Apparently mining sandstone associated with the Kittanning and Clarion coals. See Atlee (1989) for history.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 754-4921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Ishman Ogletown 40°07'50"N 78°45'03"W	Allegheny sandstone	Apparently mining sandstone associated with the Kittanning and Clarion coals. See Atlee (1989) for history.

### RAILROAD BALLAST

#### ARGILLITE

##### *Berks County*

H & K Group, Inc. PO Box 196 Skipack, PA 19474-0196 (610) 584-8500 (610) 326-5921 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Douglassville Quarry Boyertown 40°15'33"N 75°41'36"W	Brunswick argillite	Very near diabase contact.
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#### DIABASE

##### *Berks County*

Dyer Quarry, Inc. PO Box 188 Birdsboro, PA 19508-0188 (610) 582-6010	quarry Dyer Quarry Birdsboro 40°15'57"N 75°51'18"W	York Haven diabase	Traditional source of high-quality railroad ballast. Geology according to Wood (1980).
H & K Group, Inc. PO Box 196 Skipack, PA 19474-0196 (610) 584-8500 (610) 404-8440 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Birdsboro Materials Elverson 40°14'54"N 75°49'06"W	York Haven diabase	Geology from Smith, R.C., II (personal communication, June 16, 2009).



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### RAILROAD BALLAST (cont.)

#### DIABASE (cont.)

##### *Lancaster County*

H & K Group, Inc.		quarry	York Haven	See Wood (1980) for geology. Diabase identification from Smith,
PO Box 196		Silver Hill	diabase	R.C., II (pers. comm. June 16, 2009).
Skippack, PA 19474-0196		Morgantown	Hammer Creek	
(610) 584-8500	(717) 445-7430	40°11'14"N	argillite	
<a href="http://www.hkgroup.com">http://www.hkgroup.com</a>		75°58'34"W		

#### DOLOMITE

##### *Lebanon County*

Pennsy Supply, Inc.		quarry	Ontelaunee	Stripping Ontelaunee to mine Annville. May selectively mine
PO Box 3331		Millard	dolomite	underground. See O'Neill (1976) and Sims (1968) for analyses, Geyer
Harrisburg, PA 17105-3331		Palmyra	Annville	(1970) for geology, Turley (1993) for description.
(717) 236-7023		40°19'30"N	limestone	
<a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		76°34'00"W		

#### GNEISS

##### *Delaware County*

Hanson Aggregates Pennsylvania, LLC		quarry	Baltimore	Felsic to mafic gneiss and calcsilicates. See Parrott (1974) for geological
7660 Imperial Way		Glen Mills	gneiss	description. See Atlee (1994) for history.
Allentown, PA 18195-1040		Media		
(610) 366-4600	(610) 459-2492	39°55'10"N		
		75°29'09"W		

#### GRANITIC GNEISS

##### *Chester County*

Myers, Allan A., LP., dba Independent Construction		quarry	Precambrian	
PO Box 98		Devault Quarry	granitic gneiss	
Worcester, PA 19490-0098		Malvern		
(610) 584-6020	(610) 296-1793	40°04'52"N		
<a href="http://www.americaninfrastructure.com/">http://www.americaninfrastructure.com/</a>		75°32'09"W		

#### LIMESTONE

##### *Adams County*

Vulcan Construction Materials, LP		quarry	Kinzers	Selectively mining in a geologically complex setting. See Berkheiser
875 Oxford Avenue		Hanover	limestone	(1983) and Hole (1968) for analyses.
Hanover, PA 17331		McSherrystown	Ledger	
(804) 717-8374	(717) 637-7121	39°50'00"N	dolomite	
<a href="http://www.vulcanmaterials.com">http://www.vulcanmaterials.com</a>		77°02'00"W		

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### RAILROAD BALLAST (cont.)

#### LIMESTONE (cont.)

##### *Blair County*

New Enterprise Stone & Lime Co., Inc.		quarry	Coburn-Loysburg	Mining the entire Coburn through Axemann interval. See Remick (1991) for SO <sub>2</sub> sorbent application. See Atlee (1989) for history.
PO Box 77		Roaring Spring	limestone	
New Enterprise, PA 16664-0077		Roaring Spring	Bellefonte	
(814) 766-2211	(814) 224-2121	40°20'46"N	dolomite	
<a href="http://www.nesl.com/">http://www.nesl.com/</a>		78°23'55"W		

#### QUARTZOSE LIMESTONE

##### *Fayette County*

Coolspring Mining, Inc.		quarry	Loyalhanna	See Miller (1934).
PO Box 1328		Coolspring	quartzose limestone	
Uniontown, PA 15401-1328		Uniontown	Pocono	
(724) 437-8663	(412) 437-5200	39°53'56"N	sandstone	
		79°38'49"W		

#### SANDSTONE

##### *Luzerne County*

American Asphalt Paving Company		quarry	Catskill	Red and gray colors. Predominantly red beds.
500 Chase Road		Chase	sandstone	
Shavertown, PA 18708-9689		Kingston		
(570) 696-1181		41°17'26"N		
		75°57'40"W		

American Asphalt Paving Company		quarry	Llewellyn	Could also be mining the Pottsville.
500 Chase Road		Wilkes-Barre Material, LLC	sandstone	
Shavertown, PA 18708-9689		Pittston		
(570) 696-1181		41°16'56"N		
		75°48'15"W		

#### SERPENTINITE

##### *Lancaster County*

H & K Group, Inc.		quarry	Baltimore Mafic Complex	
PO Box 196		Penn/Md Materials	serpentinite	
Skippack, PA 19474-0196		Conowingo Dam		
(610) 584-8500	(717) 548-2147	39°43'18"N		
<a href="http://www.hkggroup.com">http://www.hkggroup.com</a>		76°08'56"W		

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### RAILROAD BALLAST (cont.)

#### SLAG

#### *Westmoreland County*

Tube City IMS, LLC  
1155 Business Center Drive, Suite 200  
Horsham, PA 19044-3454  
(215) 956-5639 (412) 929-4515  
<http://www.tubecityims.com/>

slag bank  
Patton Site  
Donora  
40°09'17"N  
79°50'09"W

slag

### REFRACTORY RAW MATERIAL

#### DOLOMITE

#### *York County*

Magnesita Refractories Company  
425 South Salem Church Road  
York, PA 17408-5955  
(717) 792-3611 (717) 792-3683

quarry  
York Quarry  
West York  
39°56'25"N  
76°48'40"W

Ledger  
dolomite

Includes refractory bricks. See Stose and Jonas (1939) for geo., Hopkins (1985a, b) for desc., Ganis and Hopkins (1984b), Hopkins and Ganis (1990), Taylor and Hopkins (1990) for geo. and desc. <1% insol. min. (Ganis and Hopkins, 1995).

#### RIPRAP

#### ARGILLITE

#### *Bucks County*

H & K Group, Inc.  
PO Box 196  
Skippack, PA 19474-0196  
(610) 584-8500 (215) 257-5188  
<http://www.hkggroup.com>

quarry  
Blooming Glen Quarry  
Doylestown  
40°21'56"N  
75°13'59"W

Lockatong  
argillite

Naceville Materials  
350 South Main Street, Suite 207  
Doylestown, PA 18901  
(267) 880-2422 (215) 453-8933  
<http://www.hkggroup.com>

quarry  
Naceville Materials  
Telford  
40°21'31"N  
75°22'23"W

Lockatong-Brunswick  
argillite  
York Haven  
diabase

Operates as joint venture with H & K Group. See Willard and others (1959) for geology.

#### DIABASE

#### *Berks County*

H & K Group, Inc.  
PO Box 196  
Skippack, PA 19474-0196  
(610) 584-8500 (610) 404-8440  
<http://www.hkggroup.com>

quarry  
Birdsboro Materials  
Elverson  
40°14'54"N  
75°49'06"W

York Haven  
diabase

Geology from Smith, R.C., II (personal communication, June 16, 2009).

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### **RIPRAP (cont.)**

#### **DOLOMITE**

##### *Chester County*

Hanson Aggregates Pennsylvania, LLC		quarry	Ledger	Also mining Zooks Corner Dolomite and Henderson Marble. For analysis, see O'Neill (1964, p. 19). For geology, see MacLachlan (1994).
7660 Imperial Way		Downingtown	dolomite	
Allentown, PA 18195-1040		Downingtown	Conestoga	
(610) 366-4600	(610) 269-1710	40°00'45"N	limestone	
		75°40'10"W		

#### **GNEISS**

##### *Delaware County*

H & K Group, Inc.		quarry	Wissahickon	Geology from Smith, R.C., II (personal communication, June 16, 2009).
PO Box 196		Pyramid Materials	gneiss	
Skippack, PA 19474-0196		Media	Wissahickon	
(610) 584-8500	(610) 494-4722	39°52'38"N	schist	
<a href="http://www.hkgroup.com">http://www.hkgroup.com</a>		75°25'30"W		

Hanson Aggregates Pennsylvania, LLC		quarry	Baltimore	Felsic to mafic gneiss and calcsilicates. See Parrott (1974) for geological description. See Atlee (1994) for history.
7660 Imperial Way		Glen Mills	gneiss	
Allentown, PA 18195-1040		Media		
(610) 366-4600	(610) 459-2492	39°55'10"N		
		75°29'09"W		

### **GRANITIC GNEISS**

##### *Chester County*

Myers, Allan A., LP., dba Independent Construction		quarry	Precambrian	
PO Box 98		Devault Quarry	granitic gneiss	
Worcester, PA 19490-0098		Malvern		
(610) 584-6020	(610) 296-1793	40°04'52"N		
<a href="http://www.americaninfrastructure.com/">http://www.americaninfrastructure.com/</a>		75°32'09"W		

### **LIMESTONE**

##### *Blair County*

New Enterprise Stone & Lime Co., Inc.		quarry	Coburn-Loysburg	Mining the entire Coburn through Axemann interval. See Remick (1991) for SO <sub>2</sub> sorbent application. See Atlee (1989) for history.
PO Box 77		Roaring Spring	limestone	
New Enterprise, PA 16664-0077		Roaring Spring	Bellefonte	
(814) 766-2211	(814) 224-2121	40°20'46"N	dolomite	
<a href="http://www.nesl.com/">http://www.nesl.com/</a>		78°23'55"W		

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**RIPRAP (cont.)**  
**LIMESTONE (cont.)**  
*Franklin County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 349-2412 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Dry Run Shade Gap 40°10'09"N 77°45'38"W	Chambersburg limestone	See Nickelsen (1996) for structural features and geologic description. See Atlee (1989) for history.
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*Huntingdon County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 447-3295 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Orbisonia Shade Gap 40°13'31"N 77°52'01"W	Coburn-Loysburg limestone Bellefonte dolomite	Mining the entire Coburn through Loysburg interval. Also mining Bellefonte Dolomite. See Atlee (1989) for history.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 684-3180 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Union Furnace Spruce Creek 40°37'31"N 78°09'56"W	Coburn-Loysburg limestone Bellefonte dolomite	Mining the Coburn through Loysburg interval. Nearby roadcut includes 211 feet of section containing 93 percent CaCO <sub>3</sub> and 2.8 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). See Rones (1969) for description of nearby section. See Atlee (1989) for history.

**QUARTZOSE LIMESTONE**  
*Fayette County*

Coolspring Mining, Inc. PO Box 1328 Uniontown, PA 15401-1328 (724) 437-8663 (412) 437-5200	quarry Coolspring Uniontown 39°53'56"N 79°38'49"W	Loyalhanna quartzose limestone Pocono sandstone	See Miller (1934).
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*Somerset County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 443-9950 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Bakersville Seven Springs 40°03'57"N 79°15'18"W	Loyalhanna quartzose limestone Burgoon sandstone	Selectively mining the Loyalhanna limestone and Burgoon sandstone. See Atlee (1989) for history.
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<b>RIPRAP (cont.)</b>			
<b>SANDSTONE</b>			
<i>Cameron County</i>			
Solveson Contr., Inc. 340 Catlin Hollow Drive Emporium, PA 15834-5254 (814) 486-3687	quarry SCI Stone West Creek 41°27'33"N 78°19'11"W	Shenango through Oswayo sandstone	
<i>Clearfield County</i>			
Kinthead Aggregates LLC 2311 Route 56 E Homer City, PA 15748-6237 (724) 479-2006 (814) 277-4576	quarry Buena Vista Mine McGees Mills 40°53'05"N 78°46'51"W	Allegheny sandstone	
<i>Luzerne County</i>			
American Asphalt Paving Company 500 Chase Road Shavertown, PA 18708-9689 (570) 696-1181	quarry Chase Kingston 41°17'26"N 75°57'40"W	Catskill sandstone	Red and gray colors. Predominantly red beds.
American Asphalt Paving Company 500 Chase Road Shavertown, PA 18708-9689 (570) 696-1181	quarry Wilkes-Barre Material, LLC Pittston 41°16'56"N 75°48'15"W	Llewellyn sandstone	Could also be mining the Pottsville.
<i>Schuylkill County</i>			
Pottsville Materials LLC 2052 Lucon Road Skippack, PA 19474-0079 (610) 584-8500 (570) 933-0668 <a href="http://hkgroup.com">http://hkgroup.com</a>	quarry Pottsville Materials Pottsville 40°43'38"N 76°12'42"W	Llewellyn sandstone Pottsville sandstone	Also mining Llewellyn conglomerate.
Rausch Creek Coal Mining LLC 978 Gap Street Valley View, PA 17983-9749 (570) 682-3181	quarry Rausch Creek Aggregates Tower City 40°36'50"N 76°30'30"W	Llewellyn sandstone	Sized stone.

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**RIPRAP (cont.)**  
**SANDSTONE (cont.)**  
*Somerset County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 443-9950 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Bakersville Seven Springs 40°03'57"N 79°15'18"W	Burgoon sandstone Loyalhanna quartzose limestone	Selectively mining the Loyalhanna limestone and Burgoon sandstone. See Atlee (1989) for history.
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*Tioga County*

Cross, Chad E. 13216 Route 6 Mansfield, PA 16933 (570) 549-3234	open pit Hemlock Hill Mansfield 41°46'23"N 77°00'31"W	Lock Haven sandstone	R3-R8
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*Wayne County*

E.R. Linde Construction Corp. 9 Collan Park Honesdale, PA 18431-7654 (570) 253-4090 (570) 226-7625	quarry Leeward Middle Creek Quarry Hawley 41°28'21"N 75°11'33"W	Catskill sandstone	
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*Wyoming County*

H & K Group, Inc. PO Box 196 Skeppack, PA 19474-0196 (610) 584-8500 (570) 586-7461 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry Hilltop Quarry Ransom 41°28'55"N 75°48'54"W	Catskill sandstone	
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**SHALE**

*Wayne County*

Suhosky, Robert J. 26 Lakeview Heights Drive Honesdale, PA 18431-9514 (570) 253-2245	open pit Suhosky Honesdale 41°33'19"N 75°17'02"W	Catskill shale	Red shale shot rock.
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## ROOFING MATERIALS

### METABASALT

#### *Adams County*

Specialty Granules, Inc. 1455 Old Waynesboro Road Blue Ridge Summit, PA 17214 (717) 794-2184		quarry Charmian Plant Iron Springs 39°45'33"N 77°26'56"W	Catoctin metabasalt	See Fauth (1978) for geology, Smith and Barnes (1994) for general chemistry, and Berkheiser and Smith (1990) for general description.
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## SPECIALTY DOLOMITE

### DOLOMITE

#### *Lebanon County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>		quarry Millard Palmyra 40°19'30"N 76°34'00"W	Ontelaunee dolomite Annville limestone	Fluxstone. Stripping Ontelaunee to mine Annville. May selectively mine underground. See O'Neill (1976) and Sims (1968) for analyses, Geyer (1970) for geology, Turley (1993) for description.
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#### *Montgomery County*

Highway Materials, Inc. 1750 Walton Road Blue Bell, PA 19422-0465 (610) 832-8000 (610) 828-4300		quarry Plymouth Meeting Germantown 40°06'27"N 75°14'54"W	Ledger dolomite	Fluxstone for metal industry. See O'Neill (1964) for analysis.
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#### *York County*

Magnesita Refractories Company 425 South Salem Church Road York, PA 17408-5955 (717) 792-3611 (717) 792-3683		quarry York Quarry West York 39°56'25"N 76°48'40"W	Ledger dolomite	Includes fluxstone, dead-burned dolomite. See Stose and Jonas (1939) for geo., Hopkins (1985a, b) for desc., Ganis and Hopkins (1984b), Hopkins and Ganis (1990), Taylor and Hopkins (1990) for geo. and desc. <1% insol. min. (Ganis and Hopkins, 1995).
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## SPECIALTY LIMESTONE

### DOLOMITE

#### *Montgomery County*

Highway Materials, Inc. 1750 Walton Road Blue Bell, PA 19422-0465 (610) 832-8000 (610) 828-4300		quarry Plymouth Meeting Germantown 40°06'27"N 75°14'54"W	Ledger dolomite	Metallurgical lime. See O'Neill (1964) for analysis.
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### SPECIALTY LIMESTONE (cont.)

#### LIMESTONE

##### *Adams County*

Vulcan Construction Materials, LP 875 Oxford Avenue Hanover, PA 17331 (804) 717-8374 (717) 637-7121 <a href="http://www.vulcanmaterials.com">http://www.vulcanmaterials.com</a>	quarry Hanover McSherrystown 39°50'00"N 77°02'00"W	Kinzers limestone Ledge dolomite	Fluxstone. Selectively mining in a geologically complex setting. See Berkheiser (1983) and Hole (1968) for analyses.
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##### *Bedford County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 652-5121 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Ashcom Clearville 39°59'51"N 78°25'31"W	Coburn-Loysburg limestone	For SO <sub>2</sub> abs., coal-mine rock dust, specialty fine grits. Mining Coburn–Loysburg. Selectively mining Linden Hall and Snyder for high-Ca products. 93-ft composite yields 92% CaCO <sub>3</sub> and 2.9 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). See MacQueen (1993).
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##### *Blair County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 224-2121 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Roaring Spring Roaring Spring 40°20'46"N 78°23'55"W	Coburn-Loysburg limestone	Carbonate for SO <sub>2</sub> absorption. Mining the entire Coburn through Axemann interval. See Remick (1991) for SO <sub>2</sub> sorbent application. See Atlee (1989) for history.
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##### *Centre County*

Graymont PA., Inc. 965 East College Avenue Bellefonte, PA 16823-6823 (814) 355-4761 (814) 359-2313 <a href="http://www.graymont.com">http://www.graymont.com</a>	quarry Gentzel Mingoville 40°53'32"N 77°42'00"W	Centre Hall limestone Rodman limestone	Fluxstone. See Berkheiser and Smith (1995).
Graymont PA., Inc. 965 East College Avenue Bellefonte, PA 6823-6823 (814) 355-4761 (814) 357-4525 <a href="http://www.graymont.com">http://www.graymont.com</a>	underground mine Nos. 1 and 2 Mingoville 40°53'16"N 77°42'35"W	Valentine limestone	Fluxstone. Mining the Valentine Member of the Linden Hall Formation. Location is for entrance to Numbers 1 and 2. Number 3 is nearby.

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### SPECIALTY LIMESTONE (cont.)

#### LIMESTONE (cont.)

##### *Huntingdon County*

Hawbaker, Glenn O., Inc. 1952 Waddle Road, Ste. 203 State College, PA 16803-1649 (814) 272-2449 (814) 669-9453 <a href="http://www.goh-inc.com/">http://www.goh-inc.com/</a>	quarry Canoe Valley Aggregate Plant #16 Spruce Creek 40°33'19"N 78°10'38"W	Linden Hall limestone Salona limestone	Sorbent stone.
New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (814) 684-3180 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Union Furnace Spruce Creek 40°37'31"N 78°09'56"W	Coburn-Loysburg limestone	Sorbent for SO <sub>2</sub> capture. Mining the Coburn-Loysburg interval. Nearby roadcut includes 211 feet of section containing 93% CaCO <sub>3</sub> and 2.8 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995). See Ronces (1969) for desc. of nearby section. See Atlee (1989) for history.

##### *Lebanon County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Millard Palmyra 40°19'30"N 76°34'00"W	Annville limestone Ontelaunee dolomite	Fluxstone. Stripping Ontelaunee to mine Annville. May selectively mine underground. See O'Neill (1976) and Sims (1968) for analyses, Geyer (1970) for geology, Turley (1993) for description.
Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 (717) 534-1606 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Prescott Richland 40°21'19"N 76°21'28"W	Annville limestone Ontelaunee dolomite	Limestone for chemicals, metallurgy, and other industrial applications.

##### *Mifflin County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 667-2015 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Naginey Burnham 40°42'39"N 77°33'21"W	Coburn-Loysburg limestone Linden Hall limestone	Carbonate for SO <sub>2</sub> absorption. A roadcut in the area exposes 206 feet of section containing 92 percent CaCO <sub>3</sub> and 2.4 MgCO <sub>3</sub> . Of this, 109 feet contains 95 percent CaCO <sub>3</sub> and 2.2 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995).
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##### *Northumberland County*

Meckley's Limestone Products, Inc. 1543 State Route 225 Herndon, PA 17830-9665 (570) 758-3011	quarry Mandata Pillow 40°40'28"N 76°50'06"W	Keyser-Tonoloway limestone	Carbonate for SO <sub>2</sub> absorption. See Faill and others (1973) and Hoskins (1976) for description, geology, and analyses. See Meckley (1996) for a perspective on the company's history.
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Name	Type of Operation	Formation 1	Comments
Office Address	Name of Operation	Lithology 1	
City	Quadrangle	Formation 2	
Office Phone	Latitude	Lithology 2	
Web Address	Longitude		

### SPECIALTY LIMESTONE (cont.)

#### LIMESTONE (cont.)

##### *Union County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 524-1103 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Lewisburg Lewisburg 40°58'21"N 76°56'23"W	Keyser-Tonoloway limestone	Carbonate for SO <sub>2</sub> absorption.
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Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (570) 524-2251 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Winfield Northumberland 40°54'23"N 76°51'40"W	Keyser-Tonoloway limestone	Carbonate for SO <sub>2</sub> absorption.
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##### *York County*

Oldcastle Industrial Minerals, Inc. 550 South Biesecker Road Thomasville, PA 17364-9699 (717) 235-7023	underground mine Thomasville West York 39°55'18"N 76°51'24"W	Kinzers limestone	Fluxstone, whiting, raw material for glass manufacture. See Cloos (1968) and Ganis and Hopkins (1995) for geologic description, O'Neill (1964) for analysis, and Berkheiser (1983) for whiting potential.
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### LIMESTONE AND DOLOMITE

#### *Lancaster County*

Rohrer's Quarry, Inc. PO Box 365 Lititz, PA 17543-0365 (717) 626-9760 <a href="http://www.rohrersquarry.com/">http://www.rohrersquarry.com/</a>	quarry Rohrer's Lititz 40°07'57"N 76°20'06"W	Epler limestone and dolomite	Carbonate for SO <sub>2</sub> absorption. See O'Neill (1964) for analysis.
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### SPECIALTY SAND

#### ARGILLITE

##### *Bucks County*

H & K Group, Inc. PO Box 196 Skippack, PA 19474-0196 (610) 584-8500 (215) 822-2200 <a href="http://www.hkggroup.com">http://www.hkggroup.com</a>	quarry H & K Materials Doylestown 40°19'37"N 75°13'35"W	Locketong argillite Brunswick siltstone	Sand for septic systems.
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Name		Type of Operation	Formation 1	Comments
Office Address		Name of Operation	Lithology 1	
City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
Web Address		Longitude		

### **SPECIALTY SAND (cont.)**

#### **ARGILLITE (cont.)**

##### *Bucks County (cont.)*

Naceville Materials 350 South Main Street, Suite 207 Doylestown, PA 18901 (267) 880-2422 (215) 766-2206 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Plumstead Materials Lumberville 40°22'31"N 75°07'06"W	Lockatong argillite	Sand for septic systems. Operates as joint venture with H & K Group.
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##### *Montgomery County*

Harleysville Materials LLC 427 S White Horse Pike Berlin, NJ 08009-9003 (856) 768-8493 (215) 256-8813 <a href="http://www.harleysvillematerials.com">http://www.harleysvillematerials.com</a>	quarry Harleysville Materials Perkiomenville 40°16'39"N 75°24'26"W	Lockatong argillite	DEP sand mound sand.
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#### **DIABASE**

##### *Berks County*

H & K Group, Inc. PO Box 196 Skipack, PA 19474-0196 (610) 584-8500 (610) 404-8440 <a href="http://www.hkgroup.com">http://www.hkgroup.com</a>	quarry Birdsboro Materials Elverson 40°14'54"N 75°49'06"W	York Haven diabase	Sand for septic systems. Geology from Smith, R.C., II (personal communication, June 16, 2009).
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#### **DOLOMITE**

##### *Lancaster County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (717) 442-4148 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Limeville Honey Brook 40°00'28"N 75°58'21"W	Ledger dolomite	Baseball/softball infield mix.
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#### **LIMESTONE**

##### *Mifflin County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (717) 667-2015 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Naginey Burnham 40°42'39"N 77°33'21"W	Coburn-Loysburg limestone Linden Hall limestone	Sand for septic systems. A roadcut in the area exposes 206 feet of section containing 92 percent CaCO <sub>3</sub> and 2.4 MgCO <sub>3</sub> . Of this, 109 feet contains 95 percent CaCO <sub>3</sub> and 2.2 MgCO <sub>3</sub> (R.C. Smith, II, unpub. data, 1995).
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Name		Type of Operation	Formation 1	Comments
Office Address		Name of Operation	Lithology 1	
City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
Web Address		Longitude		

### SPECIALTY SAND (cont.)

#### LIMESTONE (cont.)

##### *Union County*

Eastern Industries, Inc. 4401 Camp Meeting Road, Suite 200 Center Valley, PA 18034-9467 (610) 866-0932 (570) 524-2251 <a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>	quarry Winfield Northumberland 40°54'23"N 76°51'40"W	Keyser-Tonoloway limestone	Sand for septic systems.
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#### QUARTZITE

##### *Chester County*

New Enterprise Stone & Lime Co., Inc. PO Box 77 New Enterprise, PA 16664-0077 (814) 766-2211 (610) 273-2921 <a href="http://www.nesl.com/">http://www.nesl.com/</a>	quarry Honey Brook Honey Brook 40°07'26"N 75°54'14"W	Chickies quartzite	See Berkheiser (1985a) for chemical analyses.
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#### QUARTZOSE LIMESTONE

##### *Fayette County*

Coolspring Mining, Inc. PO Box 1328 Uniontown, PA 15401-1328 (724) 437-8663 (412) 437-5200	quarry Coolspring Uniontown 39°53'56"N 79°38'49"W	Loyalhanna quartzose limestone Pocono sandstone	Sand for manufacturing. See Miller (1934).
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#### SAND

##### *Berks County*

Martin Stone Quarries, Inc. 1355 North Reading Avenue Bechtelsville, PA 19505-0297 (610) 367-2011	quarry Martin Stone Quarry Boyertown 40°22'56"N 75°37'46"W	Quaternary sand	Baseball infield mix. See Buckwalter (1959) for geology and Pennsylvania Geological Survey (1984) for description.
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##### *Crawford County*

Tucci, Frank 25000 Pa Route 99 Cambridge Springs, PA 16403-9802 (814) 398-8111	open pit Orr Mine Millers Station 41°48'38"N 79°57'30"W	Quaternary sand	Sand for septic systems.
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Name		Type of Operation	Formation 1	Comments
Office Address		Name of Operation	Lithology 1	
City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
Web Address		Longitude		

### SPECIALTY SAND (cont.)

#### SAND (cont.)

##### *Luzerne County*

Pennsy Supply, Inc. PO Box 3331 Harrisburg, PA 17105-3331 (717) 236-7023 <a href="http://www.pennsysupply.com/">http://www.pennsysupply.com/</a>	quarry Salem 1 and 2 Freeland 41°05'01"N 75°58'03"W	Quaternary sand	Intermittant production.
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##### *Pike County*

Schmalzle Construction Co., Inc. 109 Alex Road Hawley, PA 18428-9039 (570) 226-9753	quarry Schmalzle Blooming Grove Quarry Rowland 41°24'23"N 75°03'42"W	Quaternary sand	Pipesand, various stone products, DEP sand.
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##### *Wayne County*

Scull, Ronald 565 Beach Lake Highway Honesdale, PA 18431-3022 (570) 729-7636 (570) 251-9818	quarry Valley Sand and Gravel White Mills 41°34'28"N 75°12'02"W	Quaternary sand	Sand-mound sand, screened sand.
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### SAND AND GRAVEL

#### *Bradford County*

Root, Charles T. 188 Thorndike Drive Gillett, PA 16925-8882 (570) 596-2707	open pit Root's Pit Millerton 41°58'55"N 76°54'03"W	Quaternary sand and gravel	Bedding sand. 2RC, 2A. 2-inch minus sand and gravel.
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#### *Clearfield County*

North Star Aggregates, Inc. PO Box R Ridgway, PA 15853-0319 (814) 637-5599 <a href="http://northstaraggregates.com">http://northstaraggregates.com</a>	open pit Penfield Penfield 41°12'58"N 78°33'50"W	Quaternary sand and gravel	Mining Quaternary alluvium.
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Name		Type of Operation	Formation 1	Comments
Office Address		Name of Operation	Lithology 1	
City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
Web Address		Longitude		

**SPECIALTY SAND (cont.)**  
**SAND AND GRAVEL (cont.)**

*Erie County*

Girts Sand and Gravel		open pit	Quaternary	Filter sand. Mapped as kames, kame terraces, kame moraines, and eskers, undifferentiated (Shepps and others, 1959).
11850 Findley Lake Road		Girts Sand and Gravel	sand and gravel	
North East, PA 16428-4259		North East		
(814) 725-9757		42°12'11"N		
		79°47'36"W		

**SANDSTONE**

*Dauphin County*

Eastern Industries, Inc.		quarry	Pocono	Sand for septic systems. Mining the Mount Carbon and Beckville Members of the Pocono Formation. For geology, see Hoskins (1976) and Sevon and others (1986).
4401 Camp Meeting Road, Suite 200		Elizabethville	sandstone	
Center Valley, PA 18034-9467		Elizabethville		
(610) 866-0932	(717) 362-3388	40°32'26"N		
<a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>		76°48'58"W		

*Luzerne County*

H & K Group, Inc.		quarry	Catskill	Sand for septic systems.
PO Box 196		Pikes Creek Asphalt & Crushed Stone	sandstone	
Skippack, PA 19474-0196		Harveys Lake		
(610) 584-8500	(570) 477-3030	41°17'36"N		
<a href="http://www.hkgroup.com">http://www.hkgroup.com</a>		76°05'10"W		

*Northumberland County*

Eastern Industries, Inc.		quarry	Llewellyn	Sand for septic systems. For a map of coal outcrops in the area, see Danilchik and others (1962).
4401 Camp Meeting Road, Suite 200		Shamokin	sandstone	
Center Valley, PA 18034-9467		Shamokin		
(610) 866-0932	(717) 644-0603	40°46'39"N		
<a href="http://www.eastern-ind.com/enter.html">http://www.eastern-ind.com/enter.html</a>		76°31'47"W		

*Wayne County*

Bedrock Quarries, Inc.		quarry	Catskill	Sand for septic systems.
PO Box 79		Bedrock Quarry	sandstone	
Skippack, PA 19474-0079		Galilee		
(610) 584-8500	(570) 224-6835	41°41'41"N		
<a href="http://www.hkgroup.com">http://www.hkgroup.com</a>		75°10'55"W		

Name		Type of Operation	Formation 1	Comments
Office Address		Name of Operation	Lithology 1	
City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
Web Address		Longitude		

### **SPECIALTY SAND (cont.)**

#### **SANDSTONE (cont.)**

##### *Wyoming County*

H & K Group, Inc.		quarry	Catskill	Sand for septic systems.
PO Box 196		Hilltop Quarry	sandstone	
Skippack, PA 19474-0196		Ransom		
(610) 584-8500	(570) 586-7461	41°28'55"N		
<a href="http://www.hkgroup.com">http://www.hkgroup.com</a>		75°48'54"W		

#### **SANDSTONE AND QUARTZITE**

##### *Franklin County*

New Enterprise Stone & Lime Co., Inc.		quarry	Antietam	Colored sands - various. Mines a weathered, friable, varicolored-to-
PO Box 77		Mt. Cydonia No. 1	sandstone and quartzite	white sandstone. See Berkheiser (1985a) for analysis, Fauth (1968)
New Enterprise, PA 16664-0077		Scotland		and Sevon and Van Scyoc (1991) for geology.
(814) 766-2211	(717) 352-3411	39°53'38"N		
<a href="http://www.nesl.com/">http://www.nesl.com/</a>		77°30'50"W		

#### **SLAG**

##### *Mercer County*

Development of Sharpsville Furnace, Ltd.		slag bank		Foundry sand.
2 North Sixth Street		Development of Sharpsville Furnace	slag	
Sharpsville, PA 16150-2051		Sharpsville		
(724) 962-4324		41°15'47"N		
<a href="http://dsfslag.com">http://dsfslag.com</a>		80°29'27"W		

#### **TOPSOIL**

##### **SOIL**

##### *Clearfield County*

North Star Aggregates, Inc.		open pit	Quaternary	Mining Quaternary alluvium.
PO Box R		Penfield	soil	
Ridgway, PA 15853-0319		Penfield		
(814) 637-5599		41°12'58"N		
<a href="http://northstaraggregates.com">http://northstaraggregates.com</a>		78°33'50"W		

##### *Crawford County*

Barnhart, Sam H., & Son		quarry	Quaternary	Screened topsoil.
41520 Diamond Street		Barnhart Gravel 2 Mine	soil	
Titusville, PA 16354-3704		Titusville North		
(814) 827-6031		41°41'09"N		
		79°44'09"W		



Name		Type of Operation	Formation 1	Comments
Office Address		Name of Operation	Lithology 1	
City		Quadrangle	Formation 2	
Office Phone	Phone at Operation	Latitude	Lithology 2	
Web Address		Longitude		

### TOPSOIL (cont.)

#### SOIL (cont.)

#### *Crawford County (cont.)*

McManus, Kimberly 6971 Krieder Road Fairview, PA 16415-2509 (814) 474-9597	(814) 602-0566	open pit Thomas Willrich #1 Millers Station 41°50'28"N 79°55'26"W	Quaternary soil	
Pikula, Del A. 1900 Myer Ave. McKeesport, PA 15133 (724) 309-1003 <a href="mailto:del@ccasolutions.com">del@ccasolutions.com</a>		open pit Pikula #1 Edinboro South 41°50'03"N 80°14'46"W	Quaternary soil	
Watson, Robert E. and Ruth Ann 38881 Armstrong Road Centerville, PA 16404-4815 (814) 967-5250		open pit Watson Centerville 41°43'50"N 79°46'16"W	Quaternary soil	

#### *Erie County*

Girts Sand and Gravel 11850 Findley Lake Road North East, PA 16428-4259 (814) 725-9757		open pit Girts Sand and Gravel North East 42°12'11"N 79°47'36"W	Quaternary soil	Mapped as kames, kame terraces, kame moraines, and eskers, undifferentiated (Shepps and others, 1959).
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#### *Franklin County*

Hill, R.A., Inc. 1364 Lincoln Way E Chambersburg, PA 17202-3083 (717) 264-7413	(717) 729-3065	open pit Commerce Street Shale Pit Chambersburg 39°56'57"N 77°39'48"W	Quaternary soil	
Hill, R.A., Inc. 1364 Lincoln Way E Chambersburg, PA 17202-3083 (717) 264-7413	(717) 729-3065	open pit Letterkenny Road Shale Pit Chambersburg 39°57'35"N 77°40'10"W	Quaternary soil	

Name	Type of Operation	Formation 1	Comments
Office Address	Name of Operation	Lithology 1	
City	Quadrangle	Formation 2	
Office Phone	Latitude	Lithology 2	
Web Address	Longitude		
<b>TOPSOIL (cont.)</b>			
SOIL (cont.)			
<i>Lawrence County</i>			
Beyond Corp. LLC 2905 Hillsville Rd. Edinburg, PA 16116-3409 (724) 657-7584	open pit Beyond Corp. Campbell 41°01'49"N 80°30'39"W	Quaternary soil	
<i>Luzerne County</i>			
Dotzel Trucking 19 Felisha Way Mountain Top, PA 18707-9666 (570) 868-5467 (570) 760-1448	open pit Dotzel Quarry Sybertsville 41°01'15"N 76°00'40"W	Quaternary soil	
Dotzel Trucking 19 Felisha Way Mountain Top, PA 18707-9666 (570) 868-5467 (570) 760-1448	open pit Slocum 2 Quarry Nanticoke 41°08'31"N 76°00'46"W	Quaternary soil	
Hanover Nursery 5 Crystal Street Wilkes-Barre, PA 18706-5015 (570) 822-1545 <a href="https://www.facebook.com/HanoverNursery">https://www.facebook.com/HanoverNursery</a>	open pit Hanover Nursery Wilkes-Barre West 41°13'08"N 75°58'41"W	Quaternary soil	Mining on the floodplain of the Susquehanna River.
Valley Seeding Co., Inc. 306 West County Road Sugarloaf, PA 18249-3252 (570) 788-3338	open pit Sugarloaf Stripping Conyngham 40°59'38"N 76°06'00"W	Quaternary soil	
<i>Northampton County</i>			
Chrin Brothers, Inc. 635 Industrial Drive Easton, PA 18042-7339 (610) 258-8737 <a href="http://www.chrin.org/">http://www.chrin.org/</a>	quarry Island Park Road Quarry Nazareth 40°38'43"N 75°15'42"W	Quaternary soil	

Name		Type of Operation	Formation 1	Comments
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City		Quadrangle	Formation 2	
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Web Address		Longitude		

### TOPSOIL (cont.)

#### SOIL (cont.)

#### *Northumberland County*

Stahlnecker, R.C., Co. PO Box 296 Milton, PA 17847-0296 (570) 742-7636	open pit Stahlnecker Milton 41°01'30"N 76°51'00"W	Quaternary soil	
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#### *Potter County*

Leach, James C. 197 W Main St. Galeton, PA 16922-1019 (814) 320-1317	quarry Topsoil Quarry Galeton 41°44'36"N 77°40'05"W	Quaternary soil	Local delivery only.
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#### *Tioga County*

Fisher Aggregate 1658 Buckwheat Hollow Road Lawrenceville, PA 16929-8745 (570) 827-2620 (607) 769-3609	open pit Fisher Aggregate Jackson Summit 41°59'52"N 77°06'46"W	Quaternary soil	
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Jacobson, Terry PO Box 32 Sabinsville, PA 16943-0032 (814) 367-2880	open pit Jam Pit Elkland 41°58'53"N 77°15'28"W	Quaternary soil	
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#### *Warren County*

Allen, John, Excavating, Inc. 288 Dobson Road Sugar Grove, PA 16350-5606 (814) 489-7830	open pit Allen Excavating Sugar Grove 41°56'30"N 79°18'53"W	Quaternary soil	All products are delivered to customer, not loaded at the quarry.
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#### *Wayne County*

Scull, Ronald 565 Beach Lake Highway Honesdale, PA 18431-3022 (570) 729-7636 (570) 251-9818	quarry Valley Sand and Gravel White Mills 41°34'28"N 75°12'02"W	Quaternary soil	Screened.
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Name		Type of Operation	Formation 1	Comments
Office Address		Name of Operation	Lithology 1	
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Web Address		Longitude		

**TOPSOIL (cont.)**

SOIL (cont.)

*Wyoming County*

Bennies Nurseries  
614 State Route 92 S  
Tunkhannock, PA 18657  
(570) 836-3338

open pit  
Bennies Nurseries  
Tunkhannock  
41°30'39"N  
75°54'24"W

Quaternary  
soil

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