



STATE OF OHIO
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF GEOLOGICAL SURVEY
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2016 INDUSTRIAL MINERAL REPORT

This report must be filed by February 1, 2017

Please correct any errors in this mailing address

A form must be completed for all mines as required annually under the Ohio Revised Code Section 1505.10 Annual Reports. See also 1505.99 Penalty.

A SEPARATE REPORT MUST BE FILED FOR EACH MINING OPERATION

Please check the appropriate box(es):

- Abandoned: Date: _____ Mine sold to: Name: _____
 Address: _____
 Temporarily shut down Active nonproducing mine _____ Date: _____
 Active producing mine
 Reclaiming only Please check box if this mining operation is underground

1. IDENTIFICATION

Division of Mineral Resources Management permit number: _____ "Old" Division of Mines number: _____
 Mine name: _____ County(ies): _____
 Mine location: _____ Township(s): _____
 Section(s): _____

Geologic formation(s) or unit(s) mined: _____
(Does not apply for sand and gravel) Please contact the Division of Geological Survey if the geologic formation(s) or unit(s) need to be identified for you.

GENERAL INSTRUCTIONS

- ▶ Please note this is an annual report based on a calendar year.
- ▶ Mark the appropriate box(es) on the front of the form to describe the status of the mine during the year. If abandoned during the year, please give the date.
- ▶ If the mine was sold during the year, please give the date of sale and specify to whom the mine was sold. Also complete the appropriate commodity section for the months your company operated the mine.
- ▶ All producers should fill out the Identification and Employment sections, plus the section appropriate to the commodity produced. **If this operation produces incidental coal, this coal production must be reported on a Coal Mine Report form. Please call J. D. Stucker at (614) 265-6601 for a coal-mine reporting form or download the form. You may download the form in PDF format at www.OhioGeology.com.**
- ▶ On the last page, please include the president's or owner's name and a general telephone number for the company along with your name, telephone number, and e-mail address in case of questions. The president's or owner's signature is not required.
- ▶ If you did not receive a form for a new mine opened during the year, please call J. D. Stucker at (614) 265-6601 and request a form for that mine or download the form in PDF format from www.OhioGeology.com and complete the identification information. Alternate contact: Mike Angle, (614) 265-6602, mike.angle@dnr.state.oh.us.

IDENTIFICATION SECTION INSTRUCTIONS

- ▶ Include the ODNR Division of Mineral Resources Management (DMRM) permit number for the mine along with the "old" Division of Mines number, if you know it. The mailing label should include the mine's correct DMRM permit number (begins with IM-, *i.e.*, IM-250) and its "old" Division of Mines number (begins with alphabetical county abbreviation, *i.e.*, FN-25). Please make any corrections necessary.

- ▶ If your company uses a separate pit name to identify the mine, please include this name in the space marked "Mine name."
- ▶ If the mine has an address, please include this under "Mine location." If the mine has no address, please give general directions to the mine.
- ▶ Please include the location of the mine in the spaces marked "County(ies)," "Township(s)," and "Section(s)."

EMPLOYMENT SECTION INSTRUCTIONS

- ▶ *Employment*—Indicate the total number of production employees (people working in the quarry or mine) and nonproduction employees (people employed by the company, but not physically working in the quarry or the mine) for the year, the number of calendar days that the mineral product was actually mined or quarried.
- ▶ *Gross wages and salaries*—Give the total gross wages and salaries for all employees for the year (W-2 earnings). These figures should not reflect any activity pertaining to a manufacturing process, such as brick making. This form is concerned only with the mining and quarrying operations, including sales of stockpiled material.
- ▶ *Captive use*—If raw material is used as an ingredient in an on-site manufacturing process (production of bricks, ceramic tile, sewer pipe, cement, or similar products), please indicate "yes" for "captive use." Manufacturing does not include crushing, screening, or other preparatory procedures for the mineral commodity. All information including an estimated raw material value should be reported for material mined for captive use.

COMMODITY SECTION INSTRUCTIONS

- ▶ Report tonnages to the nearest whole ton. One short ton equals 2,000 pounds.
- ▶ *Total tons sold*—The tonnage breakdown by end-use product (final product) should reflect the total sales for the year, not the total production. Please be sure to enter a zero in the space marked "TOTAL TONS SOLD" if this mine had no sales during the year.
- ▶ *Total production*—If your company distinguishes between total tons produced (mined) and total tons sold, please give the total tons produced in the space marked "TOTAL TONS PRODUCED." If your company knows approximately the tonnage produced, please give this estimate in the space marked "TOTAL TONS PRODUCED." If your company did not have production during the calendar year, please indicate this with a zero in the same space. If you leave the TOTAL TONS PRODUCED space blank, it will be assumed that this mine's production is the same as its sales.
- ▶ Report FOB (free on board) sale value to the nearest whole dollar. FOB sale value indicates the total market value of all tonnage sold during the year for each commodity. FOB sale value should reflect only the value of the raw mineral product. Do not include the value of any manufactured product or any transportation costs. Companies producing mineral commodities for captive use should report an estimated raw material value.
- ▶ Topsoil should not be included in tonnage for sand and gravel.

*Please call J. D. Stucker at (614) 265-6601 or Mike Angle at (614) 265-6602
if you have any questions about how to complete this report.*

2. EMPLOYMENT

	ANNUAL
Number of production employees	
Number of nonproduction employees	
Number of calendar days mineral product produced	

Total gross wages and salaries for this year \$ _____

Is raw material for captive use (see Employment Section Instructions)? _____

Note: Do not include any figures for manufacturing processes or value of manufactured products. Only include figures dealing with the mining operation. (See Instructions concerning "captive use.")

3. LIMESTONE AND DOLOMITE

	TONS SOLD		WEIGHT BEFORE BURNING (TONS)	WEIGHT AFTER BURNING (TONS)
<i>Crushed and broken stone</i>				
Riprap	_____	<i>Lime (burned stone)</i>		
Flux stone	_____	Building stone	_____	_____
Stone for portland cement concrete	_____	Chemical and industrial stone	_____	_____
Stone for asphaltic concrete	_____	Refractory stone	_____	_____
Road construction, resurfacing	_____	Other uses (specify) _____	_____	_____
Commercial building	_____			
Railroad ballast	_____	<i>Other uses (specify)</i> _____		_____ tons
Extenders and fillers	_____			_____ tons
Other uses (specify) _____	_____			
TOTAL TONS SOLD _____				
TOTAL TONS PRODUCED _____				
<small>Note: for lime, please include total weight before burning in both total sales and total production.</small>				
<i>Dimension stone</i>				
<i>For portland cement manufacture</i>	_____	FOB sale value of tonnage sold		
<i>Agriculture stone (aglime)</i>	_____	this year (do not include		
		transportation costs)	\$ _____	

4. SAND AND GRAVEL

(Do not include topsoil)

	TONS SOLD		TONS SOLD
<i>Sand</i>			
Building	_____	<i>Gravel</i>	
Portland cement concrete	_____	Building	_____
Asphaltic concrete	_____	Portland cement concrete	_____
Road construction, resurfacing	_____	Asphaltic concrete	_____
Filtration	_____	Road construction, resurfacing	_____
Foundry	_____	Filtration	_____
Industrial filler	_____	Other uses (specify) _____	_____
Other uses (specify) _____	_____		
TOTAL TONS SOLD _____			
TOTAL TONS PRODUCED _____			
FOB sale value of <u>all</u> sand and gravel sold this year (do not include transportation costs) \$ _____			

If dredging operation, name of river or lake: _____

If no tonnage distinction is made between sand and gravel, please indicate approximate percentages: _____ % sand _____ % gravel

5. SANDSTONE OR CONGLOMERATE

	TONS SOLD		TONS SOLD
<i>Crushed and broken stone</i>			
Foundry sand	_____	<i>Dimension stone</i>	
Glass sand	_____	Refractory (firestone)	_____
Metallurgical pebble	_____	Rough construction	_____
Refractory	_____	Rubble	_____
Riprap	_____	Grindstones	_____
Aggregate	_____	Rough architectural*	_____
Silica flour	_____	Finished (sawed or cut)*	_____
Polishing/grinding sand	_____	Curbing*	_____
Fire and furnace sand	_____	Flagging*	_____
Engine sand	_____	Other uses (specify) _____	_____
Frac sand	_____		
Construction	_____		
Industrial sand	_____	TOTAL TONS SOLD	_____
Other uses (specify) _____	_____	TOTAL TONS PRODUCED	_____
		FOB sale value of tonnage sold	
		this year (do not include	
		transportation costs)	\$ _____

*If you measure the volume of these products in cubic feet, please convert to tons by multiplying number of cubic feet produced by 0.074.

Note: Tonnage breakdown by product should reflect total sales for the year, not total production.

6. CLAY

	TONS SOLD		TONS SOLD
Common clay products	_____	Other uses (specify) _____	_____
Stoneware	_____		_____
Vitrified products	_____	TOTAL TONS SOLD	_____
Cement manufacture	_____	TOTAL TONS PRODUCED	_____
Refractories	_____		_____
Construction	_____	FOB sale value of tonnage sold	
Landfill use	_____	this year (do not include	
		transportation costs)	\$ _____

7. SHALE

	TONS SOLD		TONS SOLD
Common clay products	_____	Other uses (specify) _____	_____
Vitrified products	_____		_____
Cement manufacture	_____	TOTAL TONS SOLD	_____
Lightweight aggregate	_____	TOTAL TONS PRODUCED	_____
Construction	_____		_____
Landfill use	_____	FOB sale value of tonnage sold	
		this year (do not include	
		transportation costs)	\$ _____

8. SALT

<i>Evaporated</i>	TONS SOLD	<i>Rock</i>	TONS SOLD
Method: open pans	_____	Ice control	_____
vacuum pans	_____	Pressed blocks	_____
Product: bulk	_____	Bulk (other than ice control)	_____
pressed blocks	_____	Bagged, packaged	_____
bagged, packaged	_____	Other uses (specify) _____	_____
<i>Salt in brine (weight of salt only)</i>	_____		_____
		TOTAL TONS SOLD	_____
		TOTAL TONS PRODUCED	_____
		FOB sale value of tonnage sold	
		this year (do not include	
		transportation costs)	\$ _____

Note: tonnage breakdown should reflect total sales during the year, not total production.

9. GYPSUM

TOTAL TONS SOLD	_____	FOB sale value of tonnage sold	
TOTAL TONS PRODUCED	_____	this year (do not include	
End-use product (specify)	_____	transportation costs)	\$ _____

10. PEAT

	TONS SOLD	TOTAL TONS SOLD	_____
Mulch	_____	TOTAL TONS PRODUCED	_____
Other uses (specify) _____	_____	FOB sale value of tonnage sold	
_____	_____	this year (do not include	
		transportation costs)	\$ _____

Name of president or owner (please print): _____

General telephone number for the company: _____

Submitted by: _____ Title: _____

Telephone number of person completing this form: _____ E-mail: _____

Company web site for Directory, if applicable: _____