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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY  
986 NATIONAL CENTER  
RESTON, VIRGINIA 20192

INDIVIDUAL COMPANY  
DATA - PROPRIETARY

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to Federal defense agencies, or to the Congress upon official request for appropriate purposes. Unless objection is made in writing to the USGS, the information furnished in this report may be disclosed to the respondent's State Geological Survey (or similar State Agency) if the State has appropriate safeguards to prevent disclosing company proprietary data.

COMMON CLAY AND SHALE  
AND FIRE CLAY

\_\_\_\_\_  
(Please correct if name or address has changed.)

FACSIMILE NUMBER  
1-800-543-0661

Public reporting burden for this voluntary collection of information is estimated to average 90 MINUTES per response. A Federal agency may not conduct, sponsor, or require a person to respond to a collection of information unless it displays a valid OMB control number. Comments regarding this collection of information should be directed to: U.S. Geological Survey, Statistics and Information Systems Section, 988 National Center, Reston, VA 20192. **Please do not mail survey forms to this address.**

Collection of nonfuel minerals information is authorized by Public Law 96-479 and the Defense Production Act. This information is used to support executive policy decisions pertaining to emergency preparedness, national defense, and analyses for minerals legislation and industrial trends. The USGS relies on your voluntary and timely response to assure that its information is complete and accurate. Please complete and return a separate form for each operation that was active during the calendar year in the enclosed envelope or fax to the above toll-free number. Use zero (0) when appropriate. Please do not make entries in shaded areas. Additional forms are available upon request.

If you have any questions concerning completion of this form, please contact the Mineral Commodities Data Unit, U.S. Geological Survey, 985 National Center, Reston, VA 20192, Telephone (703) 648-7960.

1. **Status during year. (Check one or more)**  (1) Active From \_\_\_\_\_ To \_\_\_\_\_  (2) Idle  
 (3) Abandoned  (4) Purchased  (5) Sold: if ownership changed during year, give date of change \_\_\_\_\_  
 and name and address of other party in transfer \_\_\_\_\_  
 If operating company is a subsidiary, please name controlling company \_\_\_\_\_

2. (1) **Total number of mines or pits covered in this report** \_\_\_\_\_ ; list names and locations of other operations not covered in 1.  
 (2) **Did you produce clay or shale from any other operations not included in this report for which you did not receive a report form?**  
 (1) Yes  (2) No If Yes, please furnish names of other operations \_\_\_\_\_

3. **Mining methods (Check one or both)**  (1) Open-pit  (2) Underground

4. **Did you produce at this mine any other mineral products as byproducts or coproducts?**  (1) Yes  (2) No  
 If Yes, please list \_\_\_\_\_

5. **Clay sold or used and production capacity during year by kind.**  
 Report clay of your own production. Include material produced for you under contract and exclude purchased material. Give fair market value for captive tonnage and rated capacity.

Kind (1)	Code	Quantity (short tons) (2)	Value of material sold or used (f.o.b. mine or plant) (3)	Rated capacity (short tons) (4)
Common clay and shale.....	129		\$	
Fire clay:				
Plastic.....				
Flint.....				
<b>Total fire clay.....</b>	139			
<b>TOTAL CLAYS.....</b>	199			

**6. Clay sold or used during year by use (Report in short tons). Include only the clay that you produced, DO NOT include purchased clay.**

Domestic End Use (1)	Code	Common clay and shale (2)	Fire clay (3)
<b>ABSORBENTS</b> .....	203		
<b>CERAMICS AND GLASS</b>	Pottery.....	212	
	Roofing granules.....	213	
	Other (please specify) _____	216	
<b>CIVIL ENGINEERING AND SEALING</b> .....	224		
<b>FILLERS AND BINDERS (check use below)</b> .....	247		

Filler and binder sales or use for  Animal feed  Asphalt emulsion  Asphalt tile  Wall board  Other (please specify) \_\_\_\_\_

<b>FLOOR AND WALL TILE</b>	Floor and wall tile, ceramic.....	256		
	Quarry tile.....	257		
	Other (please specify) _____	258		
<b>HEAVY CLAY PRODUCTS</b>	Face brick, extruded.....	260		
	Face brick, other.....	261		
	Drain tile.....	262		
	Flower pots.....	263		
	Sewer pipe.....	267		
	Portland and other cement.....	265		
	Other (please specify or check use below) _____	270		

"Other" heavy clay products sales or use for:  Flue linings  Roofing tile  Structural tile  Terra cotta

<b>LIGHTWEIGHT AGGREGATE</b>	Concrete block.....	273		
	Structural concrete.....	274		
	Highway surfacing.....	275		
	Other (please specify) _____	276		
<b>REFRACTORIES</b>	Firebrick, block, and shapes.....	281		
	Grogs and calcines.....	283		
	Mortar and cement.....	287		
	Other (please specify or check use below) _____	290		

"Other" refractory sales or use for:  Foundry sand  High alumina brick  High alumina specialties  Kiln furniture  Plug, tap, or wad

<b>OTHER OR UNKNOWN USES</b> .....	291		
<b>EXPORTS</b> .....	391		
<b>TOTAL</b> .....	999		

Name of person to be contacted regarding this report		Tel. area code	No.	Ext.
Address	No.	Street	City	State
			ZIP Code	

May tabulations be published which could indirectly reveal the data reported in the Production Section?

Value data  (1) Yes  (2) No Other (including quantity) data  (1) Yes  (2) No

May tabulations be published which could indirectly reveal the data reported in the End Use Section?  (1) Yes  (2) No

Signature	Title	Date
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