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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.

**BALL CLAY AND KAOLIN**

\_\_\_\_\_  
(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 canvass 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. 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 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)
Ball clay:				
Airfloat.....	101		\$	
Unprocessed.....	102			
Water slurried.....	103			
<b>Total ball clay.....</b>	<b>109</b>			
Kaolin:				
Airfloat.....	151			
Calcined-refractory grades.....	152			
Calcined-pigment grades.....	153			
Delaminated.....	154			
Unprocessed.....	155			
Waterwashed.....	156			
<b>Total kaolin.....</b>	<b>159</b>			
<b>TOTAL CLAYS.....</b>	<b>199</b>			

OVER

**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	Ball clay (2)	Kaolin (3)	Domestic End Use (1)	Code	Ball clay (2)	Kaolin (3)	
<b>ABSORBENTS</b> .....	203			<b>FLOOR AND WALL TILE</b>	Floor and wall tile, ceramic.....			
<b>GLASS</b> Catalysts (oil refining)....	205							256
<b>GLASS</b> Electrical porcelain.....	207				Other (please specify)			
<b>GLASS</b> Fiberglass.....	208				_____	258		
<b>CERAMICS AND GLASS</b>	Fine china / dinnerware..	209		<b>HEAVY CLAY PRODUCTS</b>	Face brick, extruded.....	260		
	Mineral wool and insulation.....	211			Face brick, other.....	261		
	Pottery.....	212			Portland and other cement.....	265		
	Roofing granules.....	213			Other (check use below)	270		
	Sanitaryware.....	214			Other heavy clay product sales or use for		<input type="checkbox"/> Flue linings	
	Other (check use below)	216					<input type="checkbox"/> Sewer pipe	
	Other ceramic and glass sales or use for		<input type="checkbox"/> Crockery and other earthenware					
		<input type="checkbox"/> Glazes, glass and enamel						
<b>CHEMICAL MANUFACTURING</b>	Aluminum sulfate.....	218		<b>REFRACTORIES</b>	Firebrick, block, and shapes.....	281		
	Other (please specify)				Grogs and calcines.....	283		
	_____	219			Kiln furniture.....	286		
					Other (check use below)	290		
				Other refractories sales or use for		<input type="checkbox"/> Foundry Sand		
						<input type="checkbox"/> High alumina brick		
						<input type="checkbox"/> High alumina specialties		
<b>ADHESIVES AND BINDERS</b>	Adhesives.....	227		<b>OTHER OR UNKNOWN USES</b> .....		291		
	Animal feed.....	228			<b>S</b> Ceramics.....	316		
	Fertilizers.....	230			<b>T</b> Paint.....	334		
	Medical, pharmaceutical, and cosmetic.....	233			<b>R</b> Paper coating.....	335		
	Paint.....	234			<b>O</b> Paper filling.....	336		
	Paper coating.....	235			<b>P</b> Rubber.....	339		
	Paper filling.....	236			<b>X</b> Other (please specify)			
	Pesticides and agricultural granules.....	237			_____	391		
	Plastics.....	238						
	Rubber.....	239			<b>T O T A L</b> .....	999		
	Other (check use below)	247						
Other filler and binder sales or use for		<input type="checkbox"/> Animal feed	<input type="checkbox"/> Asphalt emulsion					
		<input type="checkbox"/> Asphalt tile	<input type="checkbox"/> Gypsum products					

**Remarks:**

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

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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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