3. End use (Shipments of direct-shipping ore, concentrate, and agglomerates, by end use. If data estimated, indicate by "E" after estimated figure.). Please identify your REPORTING UNIT by placing an "X" in the appropriate box. (2) Long tons (3) Metric tons (1) Short tons DIRECT SHIPPING ORE CONCENTRATES (specify) **AGGLOMERATES** Total market Total market Total market End use Shipments value f.o.b. Shipments value f.o.b. value f.o.b. Shipments mine or plant mine or plant mine or plant Code (2) (1) (3) (4) (5) (6) (7) 301 For pig iron and steel. For other use: 302 Cement..... 304 Heavy media..... 305 Chemicals..... 306 Fertilizers..... Other agricultural products..... 307 308 Ballast..... 309 Ferrites..... 310 Fluxes..... 311 312 Pigments..... 313 Pyrites..... 314 Refractories..... Other (specify) 319 TOTAL..... 4. Average analysis of shipments of ore, concentrates, and agglomerates (wet basis). Fe % SiO₂% Mn % $AI_2O_3\%$ CaO % MgO % S % Moisture % Product (1) Code (2) (3) (4) (5) (6) (7) (8) (9) (10)Direct shipping ore (specify) 401 Concentrates for consumer: Standard..... 402 403 Filter cake..... Agglomerates (for consumer): 404 Sinter..... Pellets, standard or acid: 405 Grade 1..... 406 Grade 2..... Pellets, self-fluxing 407 Grade 1..... 408 Grade 2... Pellets, prereduced 409 Grade 1..... 410 Grade 2...... Olivine pellets..... 411 412 Pellet chips..... Other (specify) Remarks:



USGS Form 9-4044-A Fer. (rev. 11/30/2007)



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

IRON ORE

(Containing less than 5 percent manganese)

OMB Control No. 1028-0068 Approval expires: TO BE DETERMINED

> 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.

FACSIMILE NUMBER 1-800-543-0661

(Please correct if name or address has changed.)

Public reporting burden for this voluntary collection of information is estimated to average 30 MINUTES per response. A Federal agency may not conduct or sponsor, and a person is not required 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 return this form in the enclosed envelope or fax to the above toll-free number **BY FEBRUARY 15TH.** Complete a separate form for each mineral establishment that was active during the reporting period. A mineral establishment is defined as a single physical location where mineral operations are conducted; for example, a mine only, a mine and preparation plant, or a preparation plant only. If you do not have exact data, please enter your best estimates and mark with an /e. Use zero (0) when appropriate. Do not report decimals or fractions. Round to the nearest whole number. If you have nothing to report, please complete "Establishment covered by this report", sign, and return the form. Please use the space for "Remarks" to provide any specific information that will help us in the use or interpretation of the data. Any statement on the effect of changes in economic conditions upon the reporting establishment will be useful. 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.

NOTE: Submit a separate report for each mine and associated concentrator and agglomerator mill. Custom mills and agglomerators should not report mine production

ablishment covered by this repo	<i>7</i> 1 C									
Name and location of mine										
Name					Nearest city or town					
ounty State Section				Township		Range				
Status during year (Check app	propriate boxes)									
(1) Active (2)) Inactive	From	То		(3) Abandon	Date Date				
(4) Leased (5)) Sold	(6) Purchase	lf trai d durin	If transfer, occurred during year:						
Name of other party in transfer			Address							
Traine or other party in transfer					Address					
. ,	ary? Yes	No No	If yes,		Address					
Is this establishment a subsidi	ary? Nes	□ No	If yes,		Address					
Is this establishment a subsidi		□ No	If yes,	code		Ext.				
Is this establishment a subsidi		No City		code	Address	Ext. ZIP Code				
Is this establishment a subsidi Name of controlling company e of person to be contacted regarding ess No. Street	this report	City	Tel. area		Address No.					
Is this establishment a subsidi	this report	City y reveal the data	Tel. area	e?	Address No. State					

1. Mining and concentrate	ion.											
Please identify your REPC	RTING	UNIT by placir	ng an "X" in th	e appropriate l	oox. If d	ry measure	ment is used for cr	ude ore, indicate				
average moisture content (1) Short tons		Long tons	(3) Metric	tons	(A) Natu	ral weight	(B) Dry we	ight %	Moisture			
1.1 Dominant mineralogi	cal type	e of ore mined	(check one)									
(1) Hematite (2) Magnetite			e (3)	(3) Limonite (4) Siderite			(5) Othe	(5) Other (specify)				
1.2 CRUDE ORE: Stocks	s at min	ne site, product	ion, and shipm	nents (Total we	eight)							
			Cta also at a	_:	PRODUCTION DURIN		RING YEAR					
Product	Code	Physical inventory adjustment (2)	Stocks at n beginning year (3)				From tailings dumps or t placers (6)	, Shipments during year	Stocks at mine, end of year (8)			
Direct-shipping ore /1	101											
Ore for concentration	102											
TOTAL	109											
1/ Include crushed, screened	, and si	ized ore not fu	ther treated.						_			
1.3 Name and location Name 1.4 Method of concentr (1) Wash	ration <i>(d</i>	check all that a	Nearest (a) Classifier (hydrod spirals,	etc.)] (4) Hea	avy 🔲			v)			
1.5 CRUDE ORE : Stocks	s, receit	ots, and consul	mption. (at co	ncentrator)								
			Stocks at concentrator, beginning of		ORE PR		ROCESSED DURING	G YEAR				
Product		Physical inventory		Receipts			IRON CONTE	IT IN TONS	Stocks at concentrator,			
(1)	Code	adjustment (2)	year (3)	(4)	Total v	-	Total (6)	Magnetic (7)	end of year (8)			
Ore for concentration	111	(=,	(0)	(),	,,,	,	(0)		(5)			
1.6 CONCENTRATE: Sto	ocks, p	roduction, and	shipments.	Π								
			Stocks at		PRODUCTION							
Concentrate		Physical inventory	mill, beginning of	Total weight	IR	ON CONTE	NT IN TONS	Shipments during	Stocks at mill,			
(1)	Code	adjustment (2)	year (3)	(4)	Tot		Magnetic (6)	year (7)	end of year (8)			
For consumer: Standard	121											
Filter cake	122											
For agglomeration	123											
TOTAL	129											
If dry measurement is used for	or conc	entrate, indicat	te average moi	sture content.		(A) Natural	weight (3) Dry weight	% Moisture			

2. Agglomeration (Do not Please identify your REP moisture content.						asurem	ent is used for	agglom	erates, ir	ndicate avera
(1) Short tons	(2) Lor	ng tons (3	3) Metric tons	(A) Natural weight		(B) Dry weight	:	% Mo	isture
2.1 Name and location o	f agglome	rator								
Name		Neare	est town			Co	ounty			<u></u>
2.2 Stocks, receipts, and	d consump	tion of material								
Material		Physical inventory adjustment	Stocks at plant, beginning of year		Receipts during year		Consumption during year		Stocks at plant, end of year	
(1)	Code	(2)	(3)	(3) (4)			(5)			(6)
Iron ore: Natural fines	201									
Concentrate fines	202									
Limestone and dolomite	203									
Organic binders	204									
Coal	205									
Bentonite	206									
Coke breeze	207									
Olivine	208									
Other (specify)										
TOTAL	219									
2.3 Stocks, production,	and shipm	ents of products								
			Stocks at		PRODUCTION I	DURIN	ING YEAR			Stocks
Product		Physical inventory adjustment	plant, beginning of year	Т	Total weight		ron content in tons		ments ig year	at plant, end of year
(1)	Code	(2)	(3)		(4)		(5)	(6)	(7)
Sinter	221									
Pellets, standard or acid Grade 1	222									
Grade 2	223									
Pellets, self-fluxing Grade 1	224									
Grade 2	225									
Pellets, prereduced Grade 1	226									
Grade 2	227									
Olivine pellets	228									
Pellet chips	229									
Other (specify)										
TOTAL	230							1		

OVER