(3) With expansion case:

a) The production plan for the with expansion case was estimated as shown in Table 9-11.

Table 9-11 Production plan (with expansion)

(Unit: 1,000 tons)

	1987	1988	1989	1990	1991	1992	1993 Onwards
DRI	845	716	716	716	71.6	1,119	1,327
Burnt Lime	37	33	34	34	34	44	50
Billet	892	798	821	821	821	1,082	1,231
Bar	446	418	425	425	425	427	427
Rod	1.78	293	319	320	320	571	693

(4) Surplus DRI

Regarding outside sale of DRI, its possibility as well as price is not yet clear and DRI production is adjusted to leave no surplus.

9-1-3. Manufacturing costs

In this feasibility study a variety of cases with different premises are taken up for consideration. Therefore before discussing the production cost, those cases studied are summarized in a table to indicate the difference in the premises among the cases.

Table 9-12 Cases for financial analysis

				Without	Without Escalation Case	on Case				With E	With Escalation case	case
Cases	Case I-1	1-2	1-3	I-II	II-2	II-3	III-1	III-2	III-3	Case IV V	Λ	VI
Purchased price of natural gas	0.08707 \$/Nm³	0.08707 \$/Nm³	0.08707 \$/Nm³	0.08707 0.08707 0.08707 0.05775 0.05775 0.05775 \$/Nm³ \$/Nm³ \$/Nm³	0.05775 \$/Nm³	0.05775 \$/Nm ³	0.03786 \$/Nm³	0.03786 \$/Nm ³	0.03786 \$/Nm ³	0.03786 0.03786 0.03786 0.08707 0.08707 \$\\$\frac{1}{3}\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$	0.08707 \$/Nm³	0.08707 \$/Nm³
Sales price of bar and rod	250 \$/T 260		\$/T 270 \$/T 250 \$/T	250 \$/T	260 S/T	260 S/T 270 S/T 250 S/T 260 S/T 270 S/T 250 S/T 250 S/T 250 S/T	250 \$/T	260 \$/T	270 S/T	250 \$/T	250 \$/T	250 s/T
Sales price of billet	200 \$/Ton	205 \$/Ton	210 \$/Ton	200 \$/Ton	205 \$/Ton	210 \$/Ton	200 \$/Ton	205 \$/Ton	210 \$/Ton	200 \$/Ton	200 \$/Ton	200 \$/Ton
Escalation rate for sales price	%0	%O:	%0	%0	0%	0%	%0	80	%0	%0	1.5%	88

Production cost after the expansion was calculated on the basis of the above mentioned conditions, but the basic items are as given in Table 9-13 (Case I), Table 9-14 (Case II), Table 9-15 (Case III) and Table 9-16 (Case IV).

Namely production cost per ton in 1993 when the plants are in full operation will be bar US\$210.7 and rod US\$209.2 in Case I, bar US\$200.7 and rod US\$199.3 in Case II and bar US\$193.9 and rod US\$192.5 in Case III. The difference in production cost per ton between Case I where purchasing price of natural gas is the highest and Case III where it is the lowest is US\$16.8 for bar and US\$16.7 for rod.

For information, output data is attached as Table 9-18 (Case I), Table 9-19 (Case II), Table 9-20 (Case III) and Table 9-21 (Case IV).

Table 9-13 Manufacturing costs by process (Case I)
(US\$/Ton)

		1992	1993	1994	1995	1996
D	Fixed cost	17.7	16.2	16.2	16.2	16.2
R P	Variable cost	75.5	75.3	75.3	75.3	74.9
P	Total	93.2	91.5	91.5	91.5	91.1
_	Fixed cost	52.5	46.1	46.1	46.1	44.9
C C	Variable cost	33.0	32.5	32.5	32.5	32.2
P	Total	85.5	78.6	78.6	78.6	77.1
	Fixed cost	45.2	42.3	42.3	42.3	42.1
S M	Variable cost	140.3	140.4	140.4	140.4	138.8
P	Total	185.5	182.7	182.7	182.7	180.9
В	Fixed cost	63.3	60.8	60.8	60.8	60.4
M P	Variable cost	150.0	149.9	149.9	149.9	148.0
r	Total	213.3	210.7	210.7	210.7	208.4
R	Fixed cost	64.2	59.0	59.0	59.0	58.7
M P	Variable cost	150.5	150.2	150.2	150.2	148.2
r	Total	214.7	209.2	209.2	209.2	206.9

Table 9-14 Manufacturing costs by process (Case II) (US\$/Ton)

	1992	1993	1994	1995	1996
Fixed cost	17.7	16.2	16.2	16.2	16.2
Variable cost	67.6	67.4	67.4	67.4	67.0
Total	85.3	83.6	83.6	83.6	83.2
Fixed cost	52.4	46.1	46.1	46.1	44.9
Variable cost	30.5	30.0	30.0	30.0	29.7
Total	82.9	76.1	76.1	76.1	74.6
Fixed cost	45.2	42.2	42.2	42.2	42.1
Variable cost	131.9	131.7	131.7	131.7	130.0
Total	177.1	173.9	173.9	173.9	172.1
Fixed cost	63.4	60.8	60.8	60.8	60.4
Variable cost	140.3	139.9	139.9	139.9	138.0
Total	203.7	200.7	200.7	200.7	198.4
Fixed cost	64.2	59.0	59.0	59.0	58.8
Variable cost	140.9	140.3	140.3	140.3	138.2
Total	205.1	199.3	199.3	199.3	197.0
	Variable cost Total Fixed cost Variable cost Total Fixed cost Variable cost Total Fixed cost Variable cost Variable cost Variable cost Variable cost	Fixed cost 17.7 Variable cost 67.6 Total 85.3 Fixed cost 52.4 Variable cost 30.5 Total 82.9 Fixed cost 45.2 Variable cost 131.9 Total 177.1 Fixed cost 63.4 Variable cost 140.3 Total 203.7 Fixed cost 64.2 Variable cost 140.9	Fixed cost 17.7 16.2 Variable cost 67.6 67.4 Total 85.3 83.6 Fixed cost 52.4 46.1 Variable cost 30.5 30.0 Total 82.9 76.1 Fixed cost 45.2 42.2 Variable cost 131.9 131.7 Total 177.1 173.9 Fixed cost 63.4 60.8 Variable cost 140.3 139.9 Total 203.7 200.7 Fixed cost 64.2 59.0 Variable cost 140.9 140.3	Fixed cost 17.7 16.2 16.2 Variable cost 67.6 67.4 67.4 Total 85.3 83.6 83.6 Fixed cost 52.4 46.1 46.1 Variable cost 30.5 30.0 30.0 Total 82.9 76.1 76.1 Fixed cost 45.2 42.2 42.2 Variable cost 131.9 131.7 131.7 Total 177.1 173.9 173.9 Fixed cost 63.4 60.8 60.8 Variable cost 140.3 139.9 139.9 Total 203.7 200.7 200.7 Fixed cost 64.2 59.0 59.0 Variable cost 140.9 140.3 140.3	Fixed cost 17.7 16.2 16.2 16.2 Variable cost 67.6 67.4 67.4 67.4 Total 85.3 83.6 83.6 83.6 Fixed cost 52.4 46.1 46.1 46.1 Variable cost 30.5 30.0 30.0 30.0 Total 82.9 76.1 76.1 76.1 Fixed cost 45.2 42.2 42.2 42.2 Variable cost 131.9 131.7 131.7 131.7 Total 177.1 173.9 173.9 173.9 Fixed cost 63.4 60.8 60.8 60.8 Variable cost 140.3 139.9 139.9 139.9 Total 203.7 200.7 200.7 200.7 Fixed cost 64.2 59.0 59.0 59.0 Variable cost 140.9 140.3 140.3 140.3

Table 9-15 Manufacturing costs by process (Case III) (US\$/Ton)

	:	1992	1993	1994	1995	1996
	Fixed cost	17.7	16.2	16.2	16.2	16.2
D R	Variable cost	62.2	62.0	62.0	62.0	61.6
P	Total	79.9	78.2	78.2	78.2	77.8
	Fixed cost	52.4	46.1	46.1	46.1	44.9
C	Variable cost	28.8	28.3	28.3	28.3	28.0
P	Total	81.2	74.4	74.4	74.4	72.9
s	Fixed cost	45.2	42.3	42.3	42.3	42.1
M P	Variable cost	126.2	125.7	125.7	125.7	124.1
r	Total	171.4	168.0	168.0	168.0	166.2
В	Fixed cost	63.3	60.7	60.7	60.7	60.4
M P	Variable cost	133.8	133.2	133.2	133.2	131.2
F	Total	197.1	193.9	193.9	193.9	191.6
R	Fixed cost	64.2	59.0	59.0	59.0	58.7
M P	Variable cost	134.4	133.5	133.5	133.5	131.5
. E	Total	198.6	192.5	192.5	192.5	190.2

Table 9-16 Manufacturing costs by process (Case IV) (US\$/Ton)

		4 1				
		1992	1993	1994	1995	1996
	Fixed cost	18.5	17.1	17.1	17.1	17.0
D R	Variable cost	82.3	82.1	82.1	82.1	81.7
P	Total	100.8	99.2	99.2	99.2	98.7
	Fixed cost	53.1	46.8	46.8	46.8	45.6
C	Variable cost	33.1	32.5	32.5	32.5	32.2
P	Total	86.2	79.3	79.3	79.3	77.8
	Fixed cost	47.0	44.2	44.2	44.2	44.0
S M	Variable cost	152.7	153.0	153.0	153.0	151.4
P	Total	199.7	197.2	197.2	197.2	195.4
	Fixed cost	65.4	63.0	63.0	63.0	62.6
B M	Variable cost	162.9	163.1	163.1	163.0	161.1
P	Total	228.3	226.1	226.1	226.0	223.7
	Fixed cost	66.9	61.6	61.6	61.6	61.4
R	Variable cost	163.3	163.3	163.3	163.3	161.2
P	Total	230.2	224.9	224.9	224.9	222.6

9-1-4. Sensitivity analysis

Changes in the manufacturing costs (fixed and variable costs) were examined for the following items for Case I-1. The result is shown in Table 9-17.

a) using the following preferential rates for the purchase price of electric power, this rate being one estimated to be applicable to some public sector enterprises.

	Currer	nt rate	Prefer ra	ential te
Electric power	0.016	US\$/kWH	0.0075	US\$/kWH

b) Increasing the production after startup of the expansion facilities by 5% as follows:

(Unit: 1,000 tons)

	1992	1993 onwards
Bar	448	448
Rođ	600	728
Billet	1,136	1,293

c) Decreasing the production after startup of the expansion facilities by 5% as follows:

(Unit: 1,000 tons)

	1992	1993 onwards
Bar	406	406
Rod	543	658
Billet	1,028	1,170

- d) Increasing the domestic scrap price by 10% to US\$63.641/tons.
- e) Increasing the domestic scrap price by 20% to US\$69.426/tons.
- f) Increasing the labor cost by 20% as compared with that in the Case I-1.

Table 9-17 Sensitivity analysis (for Case I-1)

(Unit: US\$)

			(01176.
		1992	1993
	Bar	-8.2	-8.3
a	Rođ	-8.6	-8.6
	Billet	-7.2	-7.3
	Bar	-3.4	-3.3
b	Rod	-3.5	-3.2
-	Billet	-2.5	-2.4
	Bar	3.7	3.6
C	Rod	3.8	3.6
	Billet	2.8	2.5
	Bar	0.7	0.5
đ ·	Rod	0.8	0.6
	Billet	0.8	0.6
	Bar	1.4	0.9
е	Rođ	1.5	1.1
	Billet	1.7	1.2
	Bar	0.6	0.5
£	Rod	0.5	0.5
	Billet	0.4	0.3

Note: The negative figures represent the decrease in the cost, and the positive ones, the increase in the cost, relative to the respective costs in Case I-1.

Table 9-18 Manufacturing Cost (Case I: With Expansion)

1993	34.1650 1.0150 34.6775	32.2950 .4350 .14.0483	32.4470 .0007 .0227	48.7485	11.0000	.4950	.0194 110.0000 2.1353	.0875 270.0000 23.6123
1992	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	33.0290	48.7489	11.0000	.4950	. 0199 110.0000 2.1883	. 0875 270.0000 23.6307
1991	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	34.0520 .0007 .0238	48.7496	11.0000	. 4950	.0207 110.0000 2.2786	. 0878 270.0000 23.6932
1990	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	34.0520 .0007 .0238	48.7496	11.0000 .0450 .4950	.4950	.0207 110.0000 2.2786	.0878 270.0000 23.6932
PHASE 2 1989	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	34.0536 .0007 .0238	48.7496	11.0000	.4950	.0207 110.0000 2.2787	.0878 270.0000 23.6932
NTING SHEET 1988	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	34.1258 .0007 .0239	48.7497	11.0000 .0450 .4950	.4950	.0209 110.0000 2.2935	.0878 270.0000 23.6943
DRP COST ACCOU	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	34.8437	48.7502	11.0000 .0450 .4950	. 4950	.0219 110.0000 2.4040	. 0879 270. 0000 23. 7246
	* <variable cost="">** ***<raw materials="">*** PELLET UNIT PRICE PELLET UNIT CONSUMP PELLET COST PER DRI</raw></variable>	IRON ORE UNIT PRICE IRON ORE UNIT CONSU	B. LINE UNIT PRICE B. LINE UNIT CONSUM B. LINE COST PER DR	SUB TOTAL	*** <byproduct>*** OXIDE FINE UNIT PRI OXIDE FINE UNIT OUT FINE HINUS COST PER</byproduct>	SUB TOTAL	*** <utility>**** ELEC. UNIT PRICE ELEC. UNIT CONSUNPT ELEC. COST PER DRI</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER DRI

.0153 7.0000 .1070	.0985 1.0000 .0985	. 8291 1.3000 1.0779	27.0310	75.2846	1327000	172,680.0000	12984500	2200000	4980000	1225773	16.2494	91.5340
.0167 7.0000 .1170	1131 . 1131 . 1131	. 9457 1. 3000 1. 2294	27.2784	75.5323	1119000	172,680.0000	11173500	2200000	4980000	1225773	17.6514	93.1838
.0194	1.0000	.6728 1.3000 .8746	27.1356	75.3902	716,000.0000	79,700.0000	5743500	150000	2583000	910,538.8580	15.1072	90.4974
.0194 7.0000 .1358	.1534 1.0000 .1534	.6728 1.3000 .8746	27.1356	75.3902	716,000.0000	79,700.0000	5743500	150000	2583000	910,538.8580	15.1072	90.4974
.0194	.1534 1.0000 .1534	.6728 1.3000 .8746	27.1358		716,000.0000	79,700.0000	5743500	150000	2583000	910,538.8580	15.1072	90.4977
.0202	.1570 1.0000 .1570	.6841 1.3000 .8893	27.1752	75.4299	716,000.0000		5743500	1500000	2583	910,538.8580	15.1072	90.5371
.0277 7.0000 .1939	404	1 to 0 m	27.5339	75.7891	,000.0000	,266.6667		2000,000,0000		1210,385.2624	17.0635	92.8526
T PRICE I CONSUMPTIO I PER DRI	UNIT PRICE UNIT CONSUMPT COST PER DRI	UNIT PRICE UNIT CONSUMPT COST PER DRI	B TOTAL	BLE COST T	* <fixed cost="">** PRODUCTION OF DRI</fixed>	TOTAL LABOR COST FO	DEPRECIATION	SPECIAL REPAI	REPAIR COST F	TOTAL OTHER FIXED C	COST TOTA	TOTAL
AIR UNIT AIR UNIT AIR COST	02 N2 UN 02 N2 UN 02 N2 CC	WATER UN WATER UN	SUB	VARIABLE	* <fixed PRODUCT</fixed 	TOTAL L	TOTAL DI	TOTAL SI	TOTAL RI	TOTAL O	FIXED	GRAND

1993	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0194 60.0000 1.1647	.0875 85.0000 7.4335	. 0153 45.0000 . 6880	.0000
1992	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0199 62.0000 1.2334	.0875 87.0000 7.6143	. 0167 61.0000 1.0193	.0000
1991	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0207 65.0000 1.3465	. 0878 90. 0000 7. 8977	. 0194 85.0000 1.6486	. 1534
SHEET PHASE 2 1990	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	. 6075	.0207 65.0000 1.3465	.0878 90.0000 7.8977	. 0194 85.0000 1.6486	.0000
LCP COST ACCOUNTING SI 1988 1989	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	. 6075	.0207 65.0000 1.3465	.0878 90.0000 7.8977	. 0194 85.0000 1.6501	. 1534
LCP COST 1988	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	. 6075	.0209 65.0000 1.3553	.0878 90.0000 7.8981	.0202 85.0000 1.7131	.0000
1987	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	. 0219 65.0000 1.4205	. 0879 90. 0000 7. 9082	. 0277 . 85. 0000 2. 3546	. 1854
* <variable cost="">**</variable>	*** <raw materials="">**** LIME STONE UNIT PRI LIME STONE UNIT CON LIME STONE COST PER</raw>	SUB TOTAL	*** <byproduct>*** LIME FINE UNIT PRIC LIME FINE UNIT OUTP LIME FINE MINUS COS</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BURN</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BURNT	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BURNT	02 N2 UNIT PRICE 02 N2 UNIT CONSUMPT 02 N2 COST PER BURN
				- 59	92 -			

	.6541 .6728 .6728 .9457 .0100 .0100 .0100 .0100 .0100 .0068 .0067 .0067 .0067 .0095	10.9733 10.9011 10.8995 10.8995 9.8765	34.1258 34.0536 34.0520 34.0520 33.0290	00.0000 34,000.0000 34,000.0000 34,000.0000 44,000.0000 50,000.0000	40.0000 40,740.0000 40,740.0000 40,740.0000 43,750.0000 43,750.0000	00.0000 668,800.0000 668,800.0000 668,800.0000 668,800.0000 668,800.0000	00.0000 60,000.0000 60,000.0000 60,000.0000 74,000.0000 74,000.0000	00.0000 300,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000.0000	88.3280 908,788.3280 908,788.3280 908,788.3280 1220421	59.9493 58.1861 58.1861 52.4312	94.0751 92.2397 92.2381 92.2381 85.4602
28 00 67 95	95	1	50	i	1					61	81
(B)	200	10.89	34.05	34,000.00	40,740.00		60,000.00			58.18	92.23
	.0100 .0100 .0067	10.9011	34.0536	34,000.0000	40,740.0000	668,800.0000	60,000.0000	300,000.0000	908,788.3280	58.1861	92.2397
	. 6541	10.9733	34.1258	33,000.0000	40,740.0000	668,800.0000	80,000.0000	300,000.0000	908,788.3280	59.9493	94.0751
	.7893 .0100 .0079	11.6912	34.8437	37,000.0000	54,320.0000	891,700.0000	80,000.0000	400,000.0000	1208,051.2300	71.1911	106.0348
	WATER UNIT FRICE WATER UNIT CONSUMPT WATER COST PER BURN	SUB TOTAL	VARIABLE COST TOTAL	* <fixed cost="">** PRODUCTION OF BURNT</fixed>	TOTAL LABOR COST FO	DEPRECIATION	TOTAL SPECIAL REPAI	REPAIR COST F	TOTAL OTHER FIXED C 1208,051.2300	FIXED COST TOTAL	GRAND TOTAL
	WATER WATER	SUB	VARIA	* <fixi< td=""><td>TOTAL</td><td>TOTAL</td><td>TOTAL</td><td>TOTAL</td><td>TOTAL</td><td>FIXED</td><td>GRAND</td></fixi<>	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	FIXED	GRAND

1993	75.2846 1.0770 81.0815	57.8550 .1200 6.9426	32.4470 .0410 1.3303	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250
1992	75.5323 1.0330 78.0249	57.8550 .1590 9.1989	33.0290 .0410 1.3542	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000	97.1250
1991	75.3902 .8720 65.7403	57.8550 .3040 17.5879	34.0520 .0410 1:3961	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250
SHEET PHASE 2 1990	75.3902 .8720 65.7403	57.8550 .3040 17.5879	34.0520 .0410 1.3961	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250
ACCOUNTING SH 1989	75.3905 .8720 65.7405	57.8550 .3040 17.5879	34.0536 .0410 1.3962	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250
SMP COST 1988	75.4299 .8970 67.6606	57.8550 .2810 .16.2573	34.1258 .0410 1.3992	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250
1987	SUPPLIES>**** 75.7891 .9470 71.7723	57.8550 .2370 13.7116	34.8437 .0410 1.4286	205.9000 .0020 .4118	5. 7.		766.5000 .0001	97.1250
**/TOOD & 100 1 AV	TERIALS AND RICE ONSUMPTIO	SCRAP UNIT PRICE SCRAP UNIT CONSUMPT SCRAP COST PER BILL	BURNT LIME UNIT PRI BURNT LIME UNIT CON BURNT LIME COST PER	FLOURSPAR UNIT PRIC FLOURSPAR UNIT CONS FLOURSPAR COST PER	FE-MN UNIT PRICE FE-MN UNIT CONSUMPT FE-MN COST PER BILL	FE-SI UNIT PRICE FE-SI UNIT CONSUMPT FE-SI COST PER BILL	AL UNIT PRICE AL UNIT CONSUMPTION AL COST PER BILLRT	COKE BREEZE UNIT PR COKE BREEZE UNIT CO

					•					
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000	713.0000 .0030 2.1390	124.5223	57.8550 .0164 .9488	.9488	.0194	.0875
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000 .0030 2.1390	123.7460	57.8550 .0164 .9488	.9488	.0199 731.0000 14.5421	.0875
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	119.8923	57.8550 .0164 .9488	.9488	.0207 708.0000 14.6660	.0878
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	119.8923	57.8550 .0164 .9488	.9488		.0878
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	119.8926	57.8550 .0164 .9488	. 9488	.0207 708.0000 14.6667	.0878
.1263	2,045.8200 .0041 8.3879	427.0000 0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	120.4850	57.8550 .0164 .9488	. 9488	.0209 708.0000 14.7621	.0878
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	122.0805	57.8550 .0164	. 9488	. 0219 718.0000 15.6912	0879
COKE BREEZE COST PE	ELECTRODE UNIT PRIC ELECTRODE UNIT CONS ELECTRODE COST PER	FETTLING NATERIALS FETTLING MATERIALS FETTLING NATERIALS	FURNACE BRICK UNIT FURNACE BRICK UNIT FURNACE BRICK COST	LADLE BRICK UNIT PR LADLE BRICK UNIT CO LADLE BRICK COST PE	TUNDISH BRICK UNIT TUNDISH BRICK UNIT TUNDISH BRICK COST	SUB TOTAL	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP WINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BILL</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO

0202	.1526 .1524 .1524	0 4.0800 4.0800 4.0800 4.0800 7.625962596259	1 .6728 .6728 .9457 0 2.1400 2.1400 2.1400 2.1400 9 1.4397 1.4397 2.0237	5 17.2403 17.2394 17.2394 17.5129	7 136.1840 136.1829 136.1829 140.3101	3 821,000.0000 821,000.0000 821,000.0000 1082000	0 816,380.0000 816,380.0000 816,380.0000 1275230	0 10596400 10596400 10596400 17159400		0 4583000 4583000 4583000 7127000
.0202	• • !	. 1570 4.0800 . 6407		17.3805	136.9167	798,000.0000 8	816,380.0000 8	10596400		4583000
	.2177	.1854 4.0800 .7566	. 7893 2.1400 1.6890	18.7104	139.8421	892,000.0000 798		4128,500.0000	3111 000 0000	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
	COST	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER BILL	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER BILL	SUB TOTAL	VARIABLE COST TOTA	* <fixed cost="">** PRODUCTION OF BILLE</fixed>	TOTAL LABOR COST FO 1088, 506.6667	TOTAL DEPRECIATION 14128,500.0000	TOTAL REPAIR COST F 6111,000.0000	

1993	1.0420	146.3117	57.8550 .0260 1.5042	1.5042	.0194 86.0000 1.6694	.0875 29.5000 2.5799	.0153 19.3000 .2951	.0085
1992	140.3101 1.0420 146.2031	146.2031	57.8550 .0260 1.5042	1.5042	.0199 86.0000 1.7108	.0875 29.5000 2.5819	.0167 19.3000 .3225	.1131
1991	136.1829 1.0420 141.9026	141.9026	57.8550 .0260 1.5042	1.5042	.0207 86.0000 1.7815	. 0878 29.5000 2.5887	.0194 19.3000 .3743	.1534
SHEET PHASE 2 1990	136.1829 1.0420 141.9026	141.9026	57.8550 .0260 1.5042	1.5042	.0207 86.0000 1.7815	.0878 29.5000 2.5887	.0194	. 1534
ACCOUNTING 1989	136.1840 1.0420 141.9037	141.9037	57.8550 .0260 1.5042	1.5042	.0207 86.0000 1.7815	. 0878 29.5000 2.5887	. 0194 19.3000 .3747	. 1534
BMP COST 1988	136.9167 1.0420 142.6672	142.6672	57.8550 .0260 1.5042	1.5042	.0209 86.0000 1.7931	29.5000 2.5888	. 0202 19.3000 3890	. 1570
1987	o 12	145.7155	57.8550 .0260 1.5042	1.5042	219 000 795	. 0879 29.5000 2.5921	. 0277 19.3000 .5346	.0000
* <variable cost="">**</variable>	*** <rav materials="">**** BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER BAR</rav>	SUB TOTAL	*** <byproduct>**** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP HINUS COST PE</byproduct>	SUB TOTAL	*** <utility>**** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BAR</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BAR	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BAR	O2 N2 UNIT PRICE O2 N2 UNIT CONSUNPT O2 N2 COST PER BAR
				- 5	97 -			

				671116211611	111111111		
210.6969	213.2882	199.1209	199.1209	199.1762	202.0564	230.5567	GRAND TOTAL
60.7745	63, 3233	53.5151	53.5151	53,5687	55.6517	80.7960	FIXED COST TOTAL
1233503	1233503	921,803,1380	,803.1380 921,803.1380	921	921,803.1380	1225,404.2530	TOTAL OTHER FIXED C 1225,404.2530
19833483	20921824	16965540	16965540	16988343	17484037	28333, 906. 7545	TOTAL PRECEEDING PR28333, 906.7545
1337000	1337000	1337000	1337000	1337000	1337000	1783,000.0000	TOTAL REPAIR COST F 1783,000.0000
3223900	3223900	3223900	3223900	3223900	3223900	4298,500.0000	TOTAL DEPRECIATION 4298,500.0000
322,805.0000	322,805.0000 322,805.0000	295,665,0000	295,665.0000	295,665.0000	295,665.0000	394,220.0000 2	TOTAL LABOR COST FO
427,000.0000	425,000.0000 427,000.0000 427,000.0000	425,000.0000	425,000.0000	425,000.0000	418,000.0000	446,000.0000 4	* <fixed cost="">** PRODUCTION OF BAR</fixed>
149.9224	149.9649	145.6058	145.6058	145.6074	146.4047	149.7606	VARIABLE COST TOTA
5.1150	5.2660	5.2075	5.2075	5.2079	5.2417	5.5494	SUB TOTAL
.6882	.9457 .6882 .6508	.6728 .6882 .4630	. 6728 . 6882 . 4630	.6728	.6841 .0882 .4708	.7893 .0882 .5432	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER BAR
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1993	140.4143 1.0310 144.7671	144.7671	57.8550 .0150	.8678	.0194 131.0000 2.5429	.0875 31.3000 2.7373	.0153 25.0000 .3822	.0085
1992	140.3101 1.0310 144.6597	144.6597	57.8550 .0150	.8678	.0199 135.0000 2.6856	.0875 31.7000 2.7744	.0167 27.0000 .4512	.0000
1991	136.1829 1.0310 140.4046	140.4046	57.8550 .0160	.9257	.0207 144.0000 2.9829	.0878 32.5000 2.8520	.0194 30.0000 .5818	. 1534
SHEET PHASE 2 1990	136.1829 1.0310 140.4046	140.4046	57.8550 .0160	. 9257	.0207 144.0000 2.9829	.0878 32.5000 2.8520	.0194 30.0000 .5818	. 1534
ACCOUNTING SI 1989	136.1840 1.0310 140.4057	140.4057	57.8550 .0160	. 9257	. 0207 144.0000 2.9831	.0878 32.5000 2.8520	. 0194 30.0000 5824	. 1534
RMP COST 1988	136.9167 1.0310 141.1611	141.1611	57.8550 .0160	.9257	. 0209 144.0000 3.0025	.0878 32.5000 2.8521	. 0202 30.0000 . 6046	.1570
1987	139.8421 1.0310 144.1772	144.1772	57.8550 .0160	: <2	. 0219	. 0879 32.5000 2.8557	30.0000	. 1854
* <variable cost="">**</variable>	*** <raw materials="">**** BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER ROD</raw>	SUB TOTAL	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OPUTPUT SCRAP MINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER ROD</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER ROD	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER ROD	02 NZ UNIT PRICE 02 NZ UNIT CONSUMPT 02 NZ COST PER ROD
				- 5	99			

209.2246	214.7086	202.7983	202.7983	202.9052	207.0280	249.4729	GRAND TOTAL
58.9995	64.2318	56.3278	56.3278	56.4329	59.7488	98.7132	FLXED COST TOTA
1233900	1233900	920,661.4880	920,661.4880	920,661.4880	920,661.4880	1223,882.0580	TOTAL OTHER FIXED C 1223,882.0580
32188768	27977427	12774053	12774053	12751250	12255557	11308,151.1262	TOTAL PRECEEDING PR11308,151.1262
1808000	1808000	1120000	1120000	1120000	1120000	1493,000.0000	TOTAL REPAIR COST F 1493,000.0000
5324400	5325400	2937400	2937400	2937400	2937400	3182,200.0000	TOTAL DEPRECIATION
331,605.0000	331,605.0000	272,785.0000 331	272,785.0000	272,785.0000	272,785.0000	363,713.3333	TOTAL LABOR COST FO
693,000.0000	571,000.0000	320,000.0000	320,000.0000	319,000.0000	293,000.0000	178,000.0000	* <fixed cost="">** PRODUCTION OF ROD</fixed>
150.2250	150.4768	146.4705	146.4705	146.4723	147.2792	150.7598	VARIABLE COST TOTA
6.3257	6.6850	6.9916	6.9916	6.9923	7.0437	7.5082	SUB TOTAL
.8291	.9457	.6728 .8545 .5749	.6728 .8545 .5749	.6728 .8545 .5749	.6841 .8545 .5846	.7893	WATER UNIT PRICE WATER COST PER ROD

2000	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.1470	48.7483	11.0000	.4950	0183	. 0873 270.0000 23.5797
1999	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.1470 .0007 .0225	48.7483	11.0000	.4950	.0183	. 0873 270.0000 23.5797
1998	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.1470 .0007 .0225	48.7483	11.0000	.4950	.0183 110.0000 2.0130	. 0873 270.0000 23.5797
1997	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.1470 .0007 .0225	48.7483	11.0000	.4950	.0183 110.0000 2.0130	.0873 270.0000 23.5797
PHASE 2	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.1559 .0007 .0225	48.7483	11.0000 .0450 .4950	4950	.0184 110.0000 2.0293	. 0873 270.0000 23.5797
ING SHEET 1995	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.4469	48.7485	11.0000	.49	.0194 110.0000 2.1353	.0875 270.0000 23.6123
DRP COST ACCOUNT	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.4470 .0007 .0227		11.0000	.4950	.0194 110.0000 2.1353	. 0875 270.0000 23.6123
beend .	* <variable cost="">** ***CRAW HATERIALS>*** PELLET UNIT PRICE PELLET UNIT CONSUMP PELLET COST PER DRI</variable>	TRON ORE UNIT PRICE TRON ORE UNIT CONSUIRON ORE COST PER D	B. LINE UNIT PRICE B. LIME UNIT CONSUM B. LIME COST PER DR	SUB TOTAL	*** <byproduct>**** OXIDE FINE UNIT PRI OXIDE FINE UNIT OUT FINE MINUS COST PER</byproduct>	SUB TOTAL	****CUTTLITY>**** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER DRI	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER DRI

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.0104 7.0000 .0726	.0623 1.0000 .0623	. 6894 1.3000 . 8962	26.6236	74.8769	1327000	172,680.0000	12981500	2200000	4980000	1166673	16.2026	91.0795		
7.0000	.0623 1.0000 .0623	. 6894 1.3000 . 8962	26.6236	74.8769		172,680.0000	12981500	2200000	4980000	1166673	16.2026	91.0795		
.0104 7.0000 .0726	.0623	.6894 1.3000 .8962	26.6236	74.8769	1327000	172,680.0000	12981500	220000	4980000	1165673	16.2026	91.0795		
.0104 7.0000 .0726	.0623 1.0000 .0623	. 6894 1.3000 . 8962	26.6236	74.8769	1327000	172,680.0000	12981500	220000	4980000	1166673	16.2026	91.0795		
.0104 7.0000 .0726	.0623 1.0000 .0623	.6894 1.3000 .8962	26.6400	74.8933		172,680.0000	12983000	2200000	4980000	1166693	16.2037	91.0970		
.0153 7.0000 .1070	.0985 1.0000 .0985	.8249 1.3000 1.0724	27.0255	75.2791	1327000	172,680.0000	12984500	220000	4980000	1225773	16.2494	91.5285		
.0153 7.0000 .1070	. 0985 1. 0000 . 0985	. 8291 1.3000 1.0779	27.0310	75.2846	1327,000.0000	172,680.0000	2984,500.0000	2200,000.0000	4980,000.0000	1225,772.7020	16.2494	91.5340	-	
AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER DRI	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER DRI	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER DRI	SUB TOTAL	VARIABLE COST T	* <fixed cost="">** PRODUCTION OF DRI</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION 12984,500,0000	TOTAL SPECIAL REPAI	TOTAL REPAIR COST F	TOTAL OTHER FIXED C	FIXED COST TOTA	GRAND TOTAL		

2000	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0183 60.0000 1.0980	.0873 85.0000 7.4232	.0104	.0000
1999	12.0000 1.9800 23.7600	23.7600	2.2500 2700 6075	.8075	.0183 60.0000 1.0980	.0873 85.0000 7.4232	.0104	.0000
1998	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	. 6075	.0183 60.0000 1.0980	.0873 85.0000 7.4232	.0104	.0000
ET PHASE 2 1997	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	. 6075	.0183 60.0000 1.0980	.0873 85.0000 7.4232	.0104 45.0000 .4664	.0623
ACCOUNTING SHEET 1996	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0184 60.0000 1.1069	.0873 85.0000 7.4232	.0104	.0000
LCP COST / 1995	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	. 6075	.0194 60.0000 1.1647	.0875 85.0000 7.4335	.0153 45.0000 .6880	0000
1994	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0194 60.0000 1.1647	.0875 85.0000 7.4335	. 0153 45.0000 . 6880	0000
	* <variable cost="">** ***CRAW MATERIALS>*** LINE STONE UNIT PRI LINE STONE UNIT CON LINE STONE COST PER</variable>	SUB TOTAL	*** <byproduct>*** LIME FINE UNIT PRIC LIME FINE UNIT OUTP LINE FINE MINUS COS</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BURN</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BURNT	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BURNT	02 N2 UNIT PRICE 02 N2 UNIT CONSUMPT 02 N2 COST PER BURN

.6894 .0100 .0069	8.9945	32.1470	50,000.0000	43,750.0000	667,300.0000	74,000.0000	300,000.0000	1161321	44.9274	77.0745
.0894 .0100 .0069	8.9945	32.1470	50,000.0000	43,750.0000	667,300.0000 667,300.0000	74,000.0000	300,000.0000	1161321	44.9274	77.0745
.6894	8.9945	32.1470	50,000.0000	43,750.0000	667,300.0000	74,000.0000	300,000.0000	1161321	44.9274	77.0745
.6894 .0100 .0069	8.9945	32.1470	50,000.0000	43,750.0000	667,300.0000	74,000.0000	300,000.0000	1161321	44.9274	77.0745
.6894	9.0034	32.1559	50,000.0000	43,750.0000	668,000.0000	74,000.0000	300,000.0000	1161341	44.9418	77.0978
.8249	9.2944	32.4469	50,000.0000	43,750.0000	668,800.0000	74,000.0000	300,000.0000	1220421	46.1394	78.5863
. 8291	9.2945	32.4470	50,000.0000	43,750.0000	668,800.0000	74,000.0000	300,000.0000	1220,420.7620	46.1394	78.5864
WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER BURN	SUB TOTAL	VARIABLE COST TOTAL	* <fixed cost="">** PRODUCTION OF BURNT</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION	TOTAL SPECIAL REPAI	TOTAL REPAIR COST F	TOTAL OTHER FIXED C 1220, 420, 7620	FIXED COST TOTAL	GRAND TOTAL
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	2000	74.8769 1.0770 80.6424	57.8550 .1200 6.9426	32.1470	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250
	1999	74.8769 1.0770 80.6424	57.8550 .1200 6.9426	32.1470	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250
	1998	74.8769 1.0770 80.6424	57.8550 .1200 6.9426	32.1470 .0410 1.3180	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250
.*	SHEET PHASE 2 1997	74.8769 1.0770 80.6424	57.8550 .1200 6.9426	32.1470 .0410 1.3180	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250
	ACCOUNTING SI 1996	74.8933 1.0770 80.6600	57.8550 .1200 6.9426	32.1559 .0410 1.3184	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250
	SMP COST 1995	75.2791 1.0770 81.0755	57.8550 .1200 6.9426	32.4469 .0410 1.3303	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000	97.1250
	1994	SUPPLIES>**** 75.2846 1.0770 81.0815	1	32.4470 .0410 1.3303	205.9000		518.8050 .0049 2.5421	766.5000	97.1250
		* <variable cost="">** ***<raw and="" billet<="" consumptio="" cost="" dri="" materials="" per="" price="" td="" unit=""><td>SCRAP UNIT PRICE SCRAP UNIT CONSUMPT SCRAP COST PER BILL</td><td>BURNT LIME UNIT PRI BURNT LIME UNIT CON BURNT LIME COST PER</td><td>FLOURSPAR UNIT PRIC FLOURSPAR UNIT CONS FLOURSPAR COST PER</td><td>FE-MN UNIT PRICE FE-MN UNIT CONSUMPT FE-MN COST PER BILL</td><td>FE-SI UNIT PRICE FE-SI UNIT CONSUMPT FE-SI COST PER BILL</td><td>AL UNIT PRICE AL UNIT CONSUMPTION AL COST PER BILLRT</td><td>COKE BREEZE UNIT PR COKE BREEZE UNIT CO</td></raw></variable>	SCRAP UNIT PRICE SCRAP UNIT CONSUMPT SCRAP COST PER BILL	BURNT LIME UNIT PRI BURNT LIME UNIT CON BURNT LIME COST PER	FLOURSPAR UNIT PRIC FLOURSPAR UNIT CONS FLOURSPAR COST PER	FE-MN UNIT PRICE FE-MN UNIT CONSUMPT FE-MN COST PER BILL	FE-SI UNIT PRICE FE-SI UNIT CONSUMPT FE-SI COST PER BILL	AL UNIT PRICE AL UNIT CONSUMPTION AL COST PER BILLRT	COKE BREEZE UNIT PR COKE BREEZE UNIT CO

.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	124.0710	57.8550 .0164 .9488	.9488	.0183 731.0000 13.3771	.0873
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000	713.0000	124.0710	57.8550 .0164 .9488	.9488	.0183 731.0000 13.3771	.0873
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	124.0710	57.8550 .0164 .9488	.9488	.0183 731.0000 13.3771	.0873
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000	713.0000 .0030 2.1390	124.0710	57.8550 .0164 .9488	.9488	.0183 731.0000 13.3771	.0873
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	124.0890	57.8550 .0164 .9488	.9488	.0184 731.0000 13.4857	.0873
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	124.5164	57.8550 .0164 .9488	. 9438	. 0194 731.0000 14.1900	.0875
.1263	2,045	427.0000 .0260 11.1020	1004	747.0000	713.0000	: <7	57.8550 .0164 .9488	. 9488	.0194 731.0000 14.1900	.0875
COKE BREEZE COST PE	ELECTRODE UNIT PRIC ELECTRODE UNIT CONS ELECTRODE COST PER	FETTLING MATERIALS FETTLING MATERIALS FETTLING MATERIALS	FURNACE BRICK UNIT FURNACE BRICK UNIT FURNACE BRICK COST	LADLE BRICK UNIT PR LADLE BRICK UNIT CO LADLE BRICK COST PE	TUNDISH BRICK UNIT TUNDISH BRICK UNIT TUNDISH BRICK COST	SUB TOTAL	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP WINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BILL</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO

GAS COST PER BILLE	.3542	.3542	.3537	.3537	.3537	.3537	.3537
AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BILLET	. 0153 7.8600 . 1202	. 0153 7.8600 .1202	.0104 7.8600 .0815	.0104	. 0104 7.8600 . 0815	.0104 7.8600 .0815	.0104 7.8600 .0815
O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER BILL	. 0985 4.0800 .4020	. 0985 4.0800 . 4020	.0623 4.0800 .2540	. 0623 4. 0800 . 2540	.0623 4.0800 .2540	.0623 4.0800 .2540	.0623 4.0800 .2540
WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER BILL		. 8249 2.1400 1.7653	.6894 2.1400 1.4752	.6894 2.1400 1.4752	.6894 2.1400 1.4752	.6894 2.1400 1.4752	.6894 2.1400 1.4752
SUB TOTAL	16.8408	16.8317	15.6501	15.5415	15.5415	15.5415	15.5415
VARIABLE COST TOTA	140.4143	140.3993	138.7903	138.6637	138.6637	138.6637	138.6637
- * <fixed cost="">** PRODUCTION OF BILLE 12</fixed>	1231,000.0000	1231000		1231000	1231000	1231000	1231000
TOTAL LABOR COST FO 12	1275,230.0000	1275230	1275230	1275230	1275230	1275230	1275230
TOTAL DEPRECIATION 18471,400.0000	171,400.0000	18471400	18438700	18438700	18438700	18438700	18438200
TOTAL REPAIR COST F 7	7127,000.0000	7127000	7127000	7127000	7127000	7127000	7127000
TOTAL PRECEEDING PR23869,923.4640	369,923.4640	23869923	23749463	23747223	23747223	23747223	23747223
TOTAL OTHER FIXED C 12	1278,697.4420	1 ~	1219617	1219597	1219597	1219597	1219597
FIXED COST TOTAL	42.2602			42.0859	42.0859	42.0859	42.0855
GRAND TOTAL	182.6744	182.6595	180.8780	180.7496	180.7496	Ğ.	180.7492

2000	138.6637 1.0420 144.4876	144.4876	57.8550 .0260 1.5042	1.5042	.0183 86.0000 1.5738	.0873 29.5000 2.5763	.0104	0000
1999	138.6637 1.0420 144.4876	144,4876	57.8550 .0260 1.5042	1.5042	.0183 86.0000 1.5738	. 0873 29.5000 2.5763	. 0104 19.3000 . 2000	.0000
1998	138.6637 1.0420 144.4876	144,4876	57.8550 .0260 1.5042	1.5042	. 0183 86.0000 1.5738	. 0873 29.5000 2.5763	. 0104 19.3000 . 2000	. 0623
SHEET PHASE 2 1997	138.6637 1.0420 144.4876	144.4876	57.8550 .0260 1.5042	1.5042	.0183 86.0000 1.5738	. 0873 29.5000 2.5763	.0104	. 0000
ACCOUNTING SH 1996	138.7903 1.0420 144.6194	144.6194	57.8550 .0260 1.5042	1.5042	.0184 86.0000 1.5865	. 0873 29.5000 2.5763	.0104	.0623
BMP COST 1995	140.3993 1.0420 146.2961	146.2961	57.8550 .0260 1.5042	1.5042	. 0194 86.0000 1.6694	. 0875 29.5000 2.5799	. 0153 19.3000 . 2951	. 0000
1994	140.4143 1.0420 146.3117	146.3117	57.8550 .0260 1.5042	1.5042	.0194 86.0000 1.6694	.0875 29.5000 2.5799	.0153 19.3000 .2951	.0085
* <variable cost="">**</variable>	******* BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER BAR	SUB TOTAL	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP WINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BAR</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BAR	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BAR	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER BAR

WATER UNIT CONSUMPT WATER COST PER BAR	. 8291 . 6882 . 5706	.8249	.6894 .6882 .4744	.6894 .6882 .4744	.6894 .6882 .4744	.6894	.6882
SUB TOTAL	5.1150	5.1120	4.8373	4.8245	4.8245	4.8245	4.8245
VARIABLE COST TOTA	149.9224	140.9039	147.9525	147.8079	147.8079	147.8079	147.8079
* <fixed cost="">** PRODUCTION OF BAR</fixed>	427,000.0000 427,000.0		127,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	322,805.0000	322,805.0	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000
TOTAL DEPRECIATION 3	3223,900.0000	3223900	3214100	3212100	3212100	3212100	3212100
TOTAL REPAIR COST F 1337,000.0000	337,000.0000	1337000	1337000	1337000	1337000	1337000	1337000
TOTAL PRECEEDING PR19833,483.1579	833,483.1579	19833483	19752567	19751705	19751705	19751705	19751514
TOTAL OTHER FIXED C 1233,503.2820	233,503.2820	1233503	1174423	1174403	1174403	1174403	1174403
FIXED COST TOTAL	60.7745	60.7745	60.4236	60.4169	60.4169	60.4169	60.4164
GRAND TOTAL	210.6969	210.6784	208.3762	208.2248	208.2248	208.2248	208.2244

2000	138.6637 1.0310 142.9623	142.9623	57.8550 .0150	.8678	.0183 131.0000 2.3973	.0873 31.3000 2.7335	. 0104 25.0000 .2591	. 0000
1999	138.6637 1.0310 142.9623	142.9623	57.8550 .0150	.8678	.0183 131.0000 2.3973	.0873 31.3000 2.7335	.0104 25.0000 .2591	.0623
1998	138.6637 1.0310 142.9623	142.9623	57.8550 .0150	.8678	.0183 131.0000 2.3973	.0873 31.3000 2.7335	.0104 25.0000 .2591	. 0623
SHEET PHASE 2 1997	138.6637 1.0310 142.9623	142.9623	57.8550 .0150	.8678	. 0183 131.0000 2.3973	.0873 31.3000 2.7335	.0104 25.0000 .2591	. 0623
ACCOUNTING 1996	138.7903 1.0310 143.0928	143.0928	57.8550 .0150	8678	. 0184 131.0000 2.4167	.0873 31.3000 2.7335	.0104 25.0000 .2591	. 0623
RMP COST 1995	140.3993 1.0310 14.7517	144.7517	57.8550 .0150	.8678	.0194 131.0000 2.5429	.0875 31.3000 2.7373	.0153 25.0000 .3822	. 0985
1994	140.4143 1.0310 144.7671	144.7671	57.8550 .0150 .8678	8678	.0194 131.0000 2.5429	.0875 31.3000 2.7373	.0153 25.0000 .3822	 영영임
	* <variable cost="">** ***<raw waterials="">*** BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER ROD</raw></variable>	SUB TOTAL	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OPUTPUT SCRAP MINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER ROD</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER ROD	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER ROD	O2 N2 UNIT PRICE O2 N2 UNIT CONSUNPT O2 N2 COST PER ROD

206.7581	206.7586	206,7586	206.7586	206.9105	209.2058	209.2246	GRAND TOTAL
58.7223	58.7227	58.7227	58.7227	58.7248	58.9995	58.9995	FIXED COST TOTA
1174800	1174800	1174800	1174800	1174820	1233900	1233,899.7220	TOTAL OTHER FIXED C 1233,899.7220
32055736	32056046	32056046	32056046	32057444	32188768	12188,767.7481	TOTAL PRECEEDING PR32188,767.7481
1808000	1808000	1808000	1808000	1808000	1808000	1808,000.0000	TOTAL REPAIR COST F 1808,000.0000
5324400	5324400	5324400	5324400	5324400	5324400	5324,400.0000	TOTAL DEPRECIATION
331,605.0000	331,605.0000 331,605.0000	331,605.0000	331,605.0000	331,605.0000	331,605.0000 331,605.0000		TOTAL LABOR COST FO
693,000.0000	693,000.0000 693,000.0000 693,000.0000	693,000.0000	693,000.0000	693,000.0000	693,000.0000 693,000.0000 693,000.0000	693,000.0000	* <fixed cost="">** PRODUCTION OF ROD</fixed>
148.0359	148.0359	148.0359	148.0359	148.1858	150.2062	150.2250	VARIABLE COST TOTA
5.9414	5.9414	5.9414	5.9414	5.9608	6.3224	6.3257	SUB TOTAL
.6894 .8000 .5515	.6894	.6894 .8000 .5515	.6894 .8000 .5515	.6894 .8000 .5515	.8249 .8000 .6599	.8291 .8000 .6633	WATER UNIT PRICE WATER UNIT CONSUNPT WATER COST PER ROD

2007	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.2773 .0007 .0226	48.7484	11.0000	.4950	.0188 110.0000 2.0657	.0874 270.0000 23.5991	
2006	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.0976 .0007 .0225	48.7483	11.0000 .0450	.4950	.0181 110.0000 1.9924	000	
2005	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.0976 .0007 .0225	48.7483	11.0000 .0450 .4950	.4950	.0181 110.0000 1.9924	.0873 270.0000 23.5797	
2004	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.0976 .0007 .0225	48.7483	11.0000 .0450 .4950	.4950	.0181 110.0000 1.9924	.0873 270.0000 23.5797	
PHASE 2 2003	34.1650 1.0150 34.6775	32.2950 .4350 .14.0483	32.0976 .0007 .0225	48.7483	11.0000	.4950	.0181 110.0000 1.9924	.0873 270.0000 23.5797	
OUNTING SHEET 2002	34.1650 1.0150 34.6775	32.2050 .4350 14.0483	32.0976 .0007 .0225	48.7483	11.0000	.4950	.0181 110.0000 1.9924	.0873 270.0000 23.5797	1
DRP COST ACCOU	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.1470 .0007 .0225	48.7483	11.0000 .0450 .4950	. 4950	=	.0873 270.0000 23.5797	; ; ; ; 1 1 1 1
* <variable cost="">**</variable>	*** <raw waterials="">*** PELLET UNIT PRICE PELLET UNIT CONSUMP PELLET COST PER DRI</raw>	IRON ORE UNIT PRICE IRON ORE UNIT CONSUIRON ORE COST PER D	B. LINE UNIT PRICE B. LIME UNIT CONSUM B. LIME COST PER DR	SUB TOTAL	*** <byproduct>**** OXIDE FINE UNIT PRI OXIDE FINE UNIT OUT FINE MINUS COST PER</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER DRI</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER DRI	
				612		J.			

7.0000	.0840 1.0000 .0840	. 6093 1.3000 . 7921	26.6285	74.8819	1327000	72,680.0000	7418000	2200000	7564000	1090673	13.9000	88.7819
.0096.	.0623 1.0000 .0623	.5257 1.3000 .6834	26.3846		1327000	172,680.0000 1	10112000	2200000	4980000	1056273	13.9570	88.5948
0000.7	.0623 1.0000 .0623	.5257 1.3000 .6834	26.3846	74.6378	1327000	172,680.0000		2200000	4980000	1056273	13.9570	88.5948
.0096 7.0000 .0669	.0623 1.0000 .0623	.5257 1.3000 .6834	26.3846	74.6378	1327000	172,680.0000	10112000	2200000	4980000	1056273	13.9570	.5
.0096 7.0000 .0669	.0623 1.0000 .0623	.5257 1.3000 .6834	26.3846	74.6378	1327000	172,680.0000	10112000	2200000	4980000	1056273	13.9570	
.0096 7.0000 .0669	.0623 1.0000 .0623	.5257 1.3000 .6834	26.3846	63	1327000	172,680.0000	10112000	18	4980000	1056273	13.9570	88.5948
.0104 7.0000 .0726	.0623 1.0000 .0623	. 6894 1.3000 . 8962	26.6236	74.87	1327,000.0000	10	1546,700.0000	2200,000.0000	4980,000.0000	1166,672.7020	15.1214	89.0983
AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER DRI	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER DRI	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER DRI	SUB TOTAL	VARIABLE COST T	* <fixed cost="">** PRODUCTION OF DRI</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION 11546,700.0000	TOTAL SPECIAL REPAI	TOTAL REPAIR COST F	TOTAL OTHER FIXED C	FIXED COST TOTA	GRAND TOTAL
					- 61	3 -						

	2007	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0188 60.0000 1.1268	.0874 85.0000 7.4294	.0125 45.0000 .5626	.0000	
	2000	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0181 60.0000 1.0868	.0873 85.0000 7.4232	.0096 45.0000	.0000	
	2005	12.0000 1.9800 23.7600	23,7600	2.2500 .2700 .6075	. 6075	.0181	.0873 85.0000 7.4232	.0096 45.0000	.0623	: : : : ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
	SHEET PHASE 2 2004	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0181 60.0000 1.0868	.0873 85.0000 7.4232	.0006	.0000	
•	ACCOUNTING 2003	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	. 0181 60.0000 1.0868	.0873 85.0000 7.4232	. 0096 45.0000 . 4299	. 0623	
	LCP COST 2002	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	6075	.0181	.0873 85.0000 7.4232	. 0096 . 4299	. 0623	: ::::::::::::::::::::::::::::::::::::
	2001	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	. 0183 60.0000 1.0980	.0873 85.0000 7.4232	.0104 45.0000 .4664	.0023	
	* <variable cost="">**</variable>	###KANW MAIEKIALS>#### LINE STONE UNIT PRI LINE STONE UNIT CON LINE STONE COST PER	SUB TOTAL	*** <byproduct>*** LINE FINE UNIT PRIC LINE FINE UNIT OUTP LINE FINE MINUS COS</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUNPT ELEC. COST PER BURN</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BURNT	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BURNT	02 N2 UNIT PRICE 02 N2 UNIT CONSUMPT 02 N2 COST PER BURN	

75.0387	68.1510	68.1510	68,1510	68.1510	68.1510	73.5265	GRAND TOTAL
42.7614	36.0534	36.0534	36.0534	36.0534	36.0534	41.3794	FIXED COST TOTAL
1085321	1050921	1050921	1050921	1050921	1050921	1161,320.7620	TOTAL OTHER FIXED C 1161,320.7620
601,000.0000	300,000.0000 300,000.0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000 300,000.0000 300,000.0000	300,000.0000	TOTAL REPAIR COST F
74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000	74,000.0000 74,000.0000	74,000.0000	TOTAL SPECIAL REPAI
334,000.0000	334,000.0000 334,000.0000		334,000.0000	334,000.0000	489,900.0000 334,000.0000	489,900.0000	TOTAL DEPRECIATION
43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	43,750.0000	TOTAL LABOR COST FO
50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	50,000.0000	* <fixed cost="">** PRODUCTION OF BURNT</fixed>
32.2773	32.0976	32.0976	32.0976	32.0976	32.0976	32.1470	VARIABLE COST TOTAL
9.1248	8.9451	8.9451	8.9451	8.9451	8.9451	8.0945	SUB TOTAL
.0003	.5257	.5257	.5257	.5257	.5257 .0100 .0053	.0894	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER BURN

2000 2007	74.6378 74.8819 1.0770 1.0770 80.3849 80.6478	8550 57.8550 1200 .1200 9426 6.9426	0976 32.2773 0410 .0410 3160 1.3234	9000 205.9000 0020 .0020 4118 .4118	.3600 357.3600 .0140 .0140 .0030 5.0030	518.8050 518.8050 .0049 .0049 2.5421 2.5421	766.5000 766.5000 .0001 .0001 .0767	.1250 97.1250 .0013 .0013
	74	57.	32.	205.	357.	518.	;	50 97. 13
2 2005	74.6378 1.0770 80.3849	57.8550 .1200 6.9426	32.0976 .0410 1.3160	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8	766.5000 .0001 .0767	97.1250
SHEET PHASE 2	74.6378 1.0770 80.3849	57.8550 .1200 6.9426	32.0976 .0410 1.3160	205.9000 .0020 .4118	357,3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250
T ACCOUNTING 2003	74.6378 1.0770 80.3849	57.8550 .1200 6.9426	32.0976 .0410 1.3160	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250
SMP COST 2002	74.6		32.0976 .0410 1.3160	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250
2001	SUPPLIE 74.	57.8550 .1200 6.9426		205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250
57	***CRAW MATERIALS AND DRI UNIT PRICE DRI UNIT CONSUMPTIO DRI COST PER BILLET	SCRAP UNIT PRICE SCRAP UNIT CONSUMPT SCRAP COST PER BILL	BURNT LIME UNIT PRI BURNT LIME COST PER	FLOURSPAR UNIT PRIC FLOURSPAR UNIT CONS FLOURSPAR COST PER	FE-MN UNIT PRICE FE-MN UNIT CONSUMPT FE-MN COST PER BILL	FE-SI UNIT PRICE FE-SI UNIT CONSUMPT FE-SI COST PER BILL	AL UNIT PRICE AL UNIT CONSUMPTION AL COST PER BILLRT	COKE BREEZE UNIT PR COKE BREEZE UNIT CO

.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	124.0817	57.8550 .0164 .9488	.0488	.0188 731.0000 13.7276	.0500
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000 .0030 2.1390	123.8115	57.8550 .0164 .9488	.9488	.0181 731.0000 13.2404	.0873
.1263	2,045,8200 ,0041 8,3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000	713.0000	123.8115	57,8550 .0164 .9488	.9488	.0181 731.0000 13.2404	.0873
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	123.8115	57.8550 .0164 .9488	.9488	.0181 731.0000 13.2404	.0873
.1263	2,045.8200 .0041 8,3879	427.0000 .0260 11.1020	1,207,0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	123.8115	57.8550 .0164	.9488	.0181 731.0000 13.2404	.0873
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000	123.8115	57.8550 .0164 .9488	.9488	.0181 731.0000 13.2404	.0873
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 .11.1020	1,207.0000 .0026 3.1382	747.0000	713.0000	124.0710	57.8550 .0164 .9488	. 9488	31.	.0873
COKE BREEZE COST PE	ELECTRODE UNIT PRIC ELECTRODE UNIT CONS ELECTRODE COST PER	FETTLING NATERIALS FETTLING NATERIALS FETTLING NATERIALS	FURNACE BRICK UNIT FURNACE BRICK COST	LADLE BRICK UNIT PR LADLE BRICK UNIT CO LADLE BRICK COST PE	TUNDISH BRICK UNIT TUNDISH BRICK UNIT TUNDISH BRICK COST	SUB TOTAL	*** <byproduct>**** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP HINUS COST PE</byproduct>	. SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BILL</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO

								. •				·	
.3540	7.8500	.0840 4,0800 .3427	.6093 2.1400 1.3040	15.8265	138.9594	1231000	1275230	10243600	11711000	20583423	1143597	36.5206	175.4800
.3537		. 0623 4.0800 . 2540	. 5257 2.1400 1.1249	15.0481	137.9108	1231000	1275230	13346600	7127000	20323623	1109197	35.0785	172.9893
.3537		.0623 4.0800 .2540	.5257 2.1400 1.1249	15.0481	137.9108	1231000	1275230	13346600	7127000	20323623	1109197	35.0785	172.9893
.3537	. 0096 7.8600 . 0751	.0623 4.0800 .2540	. 5257 2. 1400 1. 1249	15.0481	137.9108	1231000	1275230	13346600	7127000	20323623	1109197	35.0785	172.9893
.3537	.0096 7.8600 .0751	.0623 4.0800 .2540	.5257 2.1400 1.1249	15.0481	137.9108	1231000	1275230	13346600	7127000	20323623	1109197	35.0785	172.9893
.3537	.0096 7.8600 .0751	. 0623 4. 0800 . 2540	.5257 2.1400 1.1249	15.0481	137.9108	1231000	1275230	13346600	7127000	20323623	1109197	35.0785	172.9893
.3537	.0104 7.8600 .0815	.0623 4.0800 .2540	.6894 2.1400 1.4752	15.5415	138.6637	231,000.0000	275,230.0000	346,600.0000	127,000.0000	135,023.4640	219, 597, 4420	36.6397	175.3034
GAS COST PER BILLE	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BILLET	02 N2 UNIT PRICE 02 N2 UNIT CONSUMPT 02 N2 COST PER BILL	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER BILL	SUB TOTAL	VARIABLE COST TOTA	* <fixed cost="">** PRODUCTION OF BILLE 1231,000.0000</fixed>	TOTAL LABOR COST FO 1275,230.0000	TOTAL DEPRECIATION 13346,600.0000	TOTAL REPAIR COST F 7127,000.0000	TOTAL PRECEEDING PR22135,023.4640	TOTAL OTHER FIXED C 1219,597.4420	FIXED COST TOTAL	GRAND TOTAL

					•			
2007	138.9594 1.0420 144.7957	144.7957	57.8550 .0260 1.5042	1.5042	.0188 86.0000 1.6150	.0874 29.5000 2.5784	.0125 19.3000 .2413	.0000
2006	137.9108 1.0420 143.7031	143.7031	57.8550 .0260 1.5042	1.5042	.0181 86.0000 1.5577	.0873 29.5000 2.5763	.0096 19.3000 .1844	.0000
2005	137.9108 1.0420 143.7031	143.7031	57.8550 .0260 1.5042	1.5042	.0181 86.0000 1.5577	.0873 29.5000 2.5763	.0096 19.3000 .1844	.0623
SHEET PHASE 2 2004	137.9108 1.0420 143.7031	143.7031	57.8550 .0280 1.5042	1.5042	.0181 86.0000 1.5577	.0873 29.5000 2.5763	.0096 19.3000 .1844	.0000
ACCOUNTING 2003	137.9108 1.0420 143.7031	143.7031	57.8550 .0260 1.5042	1.5042	.0181 86.0000 1.5577	.0873 29.5000 2.5763	.0096 19.3000 .1844	.0000
BMP COST 2002	137.9108 1.0420 143.7031	143.7031	57.8550 .0260 1.5042	1.5042	.0181 86.0000 1.5577	.0873 29.5000 2.5763	.0096 19.3000 .1844	.0000
2001	138.6637 1.0420 144.4876	144.4876	57.8550 .0260 1.5042	1.5042	.0183 86.0000 1.5738	. 0873 29.5000 2.5763	. 0104 19.3000 . 2000	.0000
# <variable cost="">##</variable>	BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER BAR	SUB TOTAL	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP MINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BAR</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BAR	AIR UNIT PRICE AIR UNIT CONSUNPTIO AIR COST PER BAR	02 N2 UNIT PRICE 02 N2 UNIT CONSUNPT 02 N2 COST PER BAR

WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER BAR	. 6894 . 6882 . 4744	.5257 .6882 .3618	.5257 .6882 .3618	.5257 .6882 .3618	.5257	.5257 .6882 .3618	.6882 .6882 .4193
SUB TOTAL	4.8245	4.6801	4.6801	4.6801	4.6801	4.6801	4.8541
VARIABLE COST TOTA	147.8079	146.8790	146.8790	146.8790	146.8790	146.8790	148.1456
* <fixed cost="">** PRODUCTION OF BAR</fixed>	427,000.0000 42	427,000.0000	427,000.0000	427,000.0000	427,000.0000 427,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	322,805.0000 32	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000	322,805.0000
TOTAL DEPRECIATION	1974,800.0000	1727200	1727200	1727200	1727200	1727200	1727200
TOTAL REPAIR COST F 1337,000.0000	1337,000.0000	1337000	1337000	1337000	1337000	1337000	2674000
TOTAL PRECEEDING PRI7195,690.6579	17195,690.6579	16463004	16463004	16463004	16463004	16463004	17139799
TOTAL OTHER FIXED C 1174,403.2820	1174,403.2820	1064003	1064003	1064003	1064003	1064003	1098403
FIXED COST TOTAL	51.5333	48.9790	48.9790	48.9790	48.9790	48.9790	53.7757
GRAND TOTAL	199.3412	195.8579	195.8579	195,8579	195.8579	195.8579	201.9212

		57	.8678	.0188 131.0000 2.4601	.0874 31.3000 2.7358	.0125 25.0000 .3126	.0840
137.9108 1.0310 142.1860	142.1860	57.8550 .0150	8678	.0181 131.0000 2.3728	.0873 31.3000 2.7335	.0096 25.0000 .238	.0000
137.9108 1.0310 142.1860	142.1860	57.8550 .0150	.8678	.0181 131.0000 2.3728	.0873 31.3000 2.7335	.0096 25.0000 .2388	.0000
137.9108 1.0310 142.1860	142.1860	57.8550 .0150	.8678	.0181 131.0000 2.3728	.0873 31.3000 2.7335	.0096 25.0000 .2388	.0623
137.9108 1.0310 142.1860	142.1860	57.8550 .0150	.8678	.0181 131.0000 2.3728	.0873 31.3000 2.7335	.0096 25.0000 .2388	.0000
137.9108 1.0310 142.1860	142.1860	57.8550 .0150	.8678	.0181	.0873 31.3000 2.7335	.0096 25.0000 .2388	.0000
∞ ∾	1 %	855 015	.867	.018	O & [~	.0104 25.0000 .2591	.0000
*** <rav materials="">*** BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER ROD</rav>	SUB TOTAL	*** <byproduct>**** SCRAP UNIT PRICE SCRAP UNIT OPUTPUT SCRAP MINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER ROD</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER ROD	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER ROD	02 N2 UNIT PRICE 02 N2 UNIT CONSUNPT 02 N2 COST PER ROD
	I NATERIALS>*** UNIT PRICE 138.6637 137.9108 137.9108 137.9108 137.9108 UNIT CONSUMP 1.0310 1.0310 1.0310 1.0310 1.0310 COST PER ROD 142.1860 142.1860 142.1860 142.1860 142.1860	JUNIT PRICE 138.6637 137.9108 142.1860	### WATERIALS>**** UNIT PRICE	### <raw materials="">### BILLET UNIT PRICE BILLET UNIT PRICE BILLET UNIT CONSUMP 1.0310 1</raw>	UNIT PRICE UNIT PRICE UNIT PRICE UNIT PRICE UNIT PRICE TOTAL PRODUCT>****** *****************************	###*\RAW MATERIALS**** BILLET UNIT PRICE BILLET UNIT PRICE BILLET UNIT CONSUMP 1.03100 1.03100 1.03100 1.0310 1.0310 1.03100 1.03100 1.03100 1.03	###CRAW HATERIALS>####################################

.8003	5.9959	148.3952	693,000.0000	331,605.0000	2971800	2928000	27817051	1098800	50.7175	199.1128
.5257 .8000 .4205	5.7656	147.0838	693,000.0000	331,605.0000	4080800	1808000	26718646	1064400	49.0670	196.1509
.5257 .8000 .4205	5.7656	147.0838	693,000.0000	331,605.0000	4080800	1808000	26718646	1064400	49.0670	196.1509
.5257 .8000 .4205	5.7656	147.0838	693,000.0000	331,605.0000	4030800	1808000	26718646	1064400	49.0670	196.1509
.5257 .8000 .4205	5.7656	147.0838	693,000.0000	331,605.0000	4030800	1808000	26718646	1064400	49.0670	196, 1509
.5257 .8000 .4205	5.7656	147.0338			4080800	1808000	26718646	1064400	49.0670	196.1509
.6894	5.9414	148.0359	693,000.0000 693,000.0000	331,605.0000 331,605.0000	5221,000.0000	1808,000,0000	7907,760.2481	1174,799.7220	52.5875	200.6234
WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER ROD	SUB TOTAL	VARIABLE COST TOTA	* <fixed cost="">** PRODUCTION OF ROD</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION 5221,000.0000	TOTAL REPAIR COST F 1808,000.0000	TOTAL PRECEEDING PR27907,760.2481	TOTAL OTHER FIXED C 1174,799.7220	FIXED COST TOTA	GRAND TOTAL

	•							
2011	34.1650 1.0150 34.6775	32.2950 . 4350 14.0483	32.2773 .0007 .0226	48.7484	11.0000	.4950	.0188 110.0000 2.0657	.0874 270.0000 23.5991
I PHASE 2	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.2773 .0007 .0226	48.7484	11.0000	.4950	.0188 110.0000 2.0657	.0874 270.0000 23.5991
COUNTING SHEET	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.2773 .0007 .0226	48.7484	11.0000	.4950	.0188 110.0000 2.0657	.0874 270.0000 23.5991
DRP COST ACCOUNTING	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	32.2773 .0007 .0226	48.7484	11.0000	.4950	.0188	.0874 270.0000 23.5991
	* <variable cost="">** ***<raw materials="">*** PELLET UNIT PRICE PELLET UNIT CONSUMP PELLET COST PER DRI</raw></variable>	IRON ORE UNIT PRICE IRON ORE UNIT CONSU IRON ORE COST PER D	B. LIME UNIT PRICE B. LIME UNIT CONSUM B. LIME COST PER DR	SUB TOTAL	*** <byproduct>**** OXIDE FINE UNIT PRI OXIDE FINE UNIT OUT FINE MINUS COST PER</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER DRI</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER DRI

.0125 7.0000 .0875	.0840	.6093 1.3000 .7921	26.6285	74.8819	1327000	172,680.0000	6521000	220000	7564000	1090673	13.2241	88.1060
.0125 7.0000 .0875	.0840	.6093 1.3000 .7921	26.6285	74.8819	1327000	172,680.0000	6521000	2200000	7564000	1090673	13.2241	88.1060
.0125 7.0000 .0875	.0840 1.0000 .0840	.6093 1.3000 .7921	26.6285	74.8819	1327000	172,680.0000	6521000	2200000	7564000	1090673	13.2241	88.1060
7.0000	. 0840 1.0000 . 0840	. 6093 1.3000 . 7921	26.6285	74.8819	1327,000.0000	172,680.0000	6521,000.0000	2200,000.0000	7564,000.0000	C 1090,672.7020	13.2241	88.1060
AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER DRI	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER DRI	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER DRI	SUB TOTAL	VARIABLE COST T	* <fixed cost="">** PRODUCTION OF DRI</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION	TOTAL SPECIAL REPAI	TOTAL REPAIR COST F	TOTAL OTHER FIXED C	FIXED COST TOTA	GRAND TOTAL

	SHEET PHASE 2	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0188 60.0000 1.1268	.0874 85.0000 7.4294	.0125 45.0000 .5626	.0840
	ACCOUNTING 2010	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	. 6075	.0188 60.0000 1.1268	. 0874 85.0000 7.4294	.0125 45.0000 .5626	.0840
	LCP COST 2009	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	. 6075	.0188 60.0000 1.1268	.0874 85.0000 7.4294	. 0125 45.0000 . 5626	.0840
-	2008	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	. 0075	.0188 60.0000 1.1268	.0874 85.0000 7.4294	. 5626 . 5626	. 0840
		# <variable cost="">## *##<raw materials="">#### LINE STONE UNIT PRI LINE STONE UNIT CON LINE STONE COST PER</raw></variable>	SUB TOTAL	*** <byproduct>**** LIME FINE UNIT PRIC LIME FINE UNIT OUTP LIME FINE MINUS COS</byproduct>	SUB TOTAL	*** <utility>**** ELEC. UNIT PRICE FLEC. UNIT CONSUNPT ELEC. COST PER BURN</utility>	GAS UNIT PRICE GAS UNIT CONSUNPTIO GAS COST PER BURNT	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BURNT	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER BURN

	***************************************	+	11111111111		
75.0387	75.0387	75.0387	75.0387	TOTAL	GRAND
42.7614	42.7614	42.7614	42.7614	COST TOTAL	FIXED
1085321	1085321	1085321	1085,320.7620	OTHER FIXED C 1085,320.7620	TOTAL
601,000.0000 601,000.0000		601,000.0000	601,000.0000	REPAIR COST F	TOTAL
74,000.0000 74,000.0000	74,000.0000	74,000.0000	74,000.0000	TOTAL SPECIAL REPAI	TOTAL
334,000.0000	334,000.0000	334,000.0000	334,000.0000	TOTAL DEPRECIATION	TOTAL
43,750.0000	43,750.0000	43,750.0000	43,750.0000	TOTAL LABOR COST FO	TOTAL
50,000,0000	50,000.0000	50,000.0000	50,000.0000	* <fixed cost=""> ** PRODUCTION OF BURNT</fixed>	* <fixe< td=""></fixe<>
32.2773	32.2773	32.2773	32.2773	VARIABLE COST TOTAL	VARIAE
9.1248	9.1248	9.1248	9.1248	SUB TOTAL	SUB
0100	.0100	.0100	.0100	UNIT	WATER WATER
6003	6003	6093	6093	HNIT PRICE	WATER

SHEET PHASE 2		57.8550 .1200 6.9426	32.2773 .0410 1.3234	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250
ACCOUNTING 2010	74.8819 1.0770 80.6478	57.8550 .1200 6.9426	32.2773 .0410 1.3234	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250
SMP COST 2009	, C W	57.8550 .1200 6.9426	32.2773 .0410 1.3234	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250
2008	SUPPLIE 74. 1. 80.	57.8550 .1200 6.9426		205.9000 .0020 .4118	800		766.5000 .0001	97.1250
	* <variable cost="">** ***<raw and="" billet<="" consumptio="" cost="" dri="" materials="" per="" price="" td="" unit=""><td>SCRAP UNIT PRICE SCRAP UNIT CONSUMPT SCRAP COST PER BILL</td><td>BURNT LIME UNIT PRI BURNT LIME UNIT CON BURNT LIME COST PER</td><td>FLOURSPAR UNIT PRIC FLOURSPAR UNIT CONS FLOURSPAR COST PER</td><td>FE-MN UNIT PRICE FE-MN UNIT CONSUMPT FE-MN COST PER BILL</td><td>FE-SI UNIT PRICE FE-SI UNIT CONSUMPT FE-SI COST PER BILL</td><td>AL UNIT PRICE AL UNIT CONSUMPTION AL COST PER BILLRT</td><td>COKE BREEZE UNIT PR COKE BREEZE UNIT CO</td></raw></variable>	SCRAP UNIT PRICE SCRAP UNIT CONSUMPT SCRAP COST PER BILL	BURNT LIME UNIT PRI BURNT LIME UNIT CON BURNT LIME COST PER	FLOURSPAR UNIT PRIC FLOURSPAR UNIT CONS FLOURSPAR COST PER	FE-MN UNIT PRICE FE-MN UNIT CONSUMPT FE-MN COST PER BILL	FE-SI UNIT PRICE FE-SI UNIT CONSUMPT FE-SI COST PER BILL	AL UNIT PRICE AL UNIT CONSUMPTION AL COST PER BILLRT	COKE BREEZE UNIT PR COKE BREEZE UNIT CO

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.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 . 0026 3.1382	747.0000 .0030 2.2410	713.0000	124.0817	57.8550 .0164 .9488	.9488	.0188 731.0000 13.7276	.0874
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000 .0030 2.1390	124.0817	57.8550 .0164 .9488	.9488	.0188 731.0000 13.7276	.0874
. 1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207,0000 .0026 3.1382	747.0000 .0030 2.2410	713.0000 .0030 2.1390	124.0817	57.8550 .0164 .9488	.9488	.0188 731.0000 13.7276	.0874
.1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 2.2410	713.0000 .0030 2.1390	124.0817	57.8550 .0164 .9488	. 9488	.0188 731.0000 13.7276	.0874
COKE BREEZE COST PE	ELECTRODE UNIT PRIC ELECTRODE UNIT CONS ELECTRODE COST PER	FETTLING MATERIALS FETTLING MATERIALS FETTLING MATERIALS	FURNACE BRICK UNIT FURNACE BRICK UNIT FURNACE BRICK COST	LADLE BRICK UNIT PR LADLE BRICK UNIT CO LADLE BRICK COST PE	TUNDISH BRICK UNIT TUNDISH BRICK COST	SUB TOTAL	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP WINUS COST PE</byproduct>	SUB TOTAL	*** <utility>**** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BILL</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO
							e e			

.3540	. 0125 7.8600 . 0983	.0840 4.0800 .3427	.6093 2.1400 1.3040	15.8265	138.9594	1231000	1275230	9621600	11711000	19686423	1143597	35.2866	174 9461
.3540	. 0125 7.8600 . 0983	.0840 4.0800 .3427	. 6093 2.1400 1.3040	15.8265	138.9594	1231000	1275230	9621600	11711000	19686423	1143597	35.2866	178 9/81
.3540	. 0125 7.8600 . 0983	. 0840 4.0800 .3427	.6093 2.1400 1.3040	15.8265	138.9594	1231000	1275230	9621600	11711000	19686423	1143597	35.2866	1070 707
.3540	. 0125 7.8600 . 0983	. 0840 4.0800 . 3427	.6093 2.1400 1.3040	15.8265	138.9594	1231,000.0000	1275,230.0000	9621,600.0000	F11711,000.0000	9686,423,4640	1143,597.4420	35.2866	
GAS COST PER BILLE	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BILLET	02 N2 UNIT PRICE 02 N2 UNIT CONSUMPT 02 N2 COST PER BILL	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER BILL	SUB TOTAL	VARIABLE COST TOTA	* <fixed cost="">** PRODUCTION OF BILLE</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION	TOTAL REPAIR COST F1	TOTAL PRECEEDING PR19686,423.4640	TOTAL OTHER FIXED C	FIXED COST TOTAL	

TING SHEET PHASE 2 2010 2011	38.9594 138.9594 1.0420 1.0420 14.7957 144.7957	957 144.7957	.8550 57.8550 .0260 .0260 .5042 1.5042	.5042 1.5042	.0188 .0188 86.0000 86.0000 1.6150 1.6150	. 0874 . 0874 29.5000 29.5000 2.5784 2.5784	.0125 .0125 .0125 .2413 .2413	.0840 .0840 .0000
ACCOUN	138.9594 1.0420 144.7957	144.7957	57.8550 .0260 1.5042	E.	86.0	29.5	19	
BMP COST 2009	138.9594 1.0420 144.7957	144.7957	57.8550 .0260 1.5042	1.5042	.0188 86.0000 1.6150	.0874 29.5000 2.5784	. 0125 19.3000 . 2413	.0000
2008	138.9594 1.0420 144.7957	144.7957	57.8550 .0260 1.5042	1.5042	. 0188 86.0000 1.6150	.0874 29.5000 2.5784	.0125	. 0840
* <variable cost="">**</variable>	F	SUB TOTAL	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP MINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUNPT ELEC. COST PER BAR</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BAR	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BAR	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER RAR

200.5650	200.5650	200.5650	200.5650	TOTAL	GRAND
52.4194	52.4194	52.4194	52.4194	COST TOTAL	FIXED
1098403	1098403	1098403	TOTAL OTHER FIXED C 1098,403.2820	THER FIXED C	TOTAL 07
16560681	16560681	16560681	TOTAL PRECEEDING PR16560,680.6579	ECEEDING PR	TOTAL PR
2674000	2674000	2674000	TOTAL REPAIR COST F 2674,000.0000	PAIR COST F	TOTAL RE
1727200	1727200	1727200	1727,200.0000	TOTAL DEPRECIATION	TOTAL DE
322,805.0000	322,805.0000	322,805.0000	322,805.0000	TOTAL LABOR COST FO	TOTAL LA
427,000.0000	427,000.0000 427,000.0000 427,000.0000		427,000.0000	* <fixed cost="">** PRODUCTION OF BAR</fixed>	* <fixed PRODUCTI</fixed
148.1456	148.1456	148.1456	148.1456	VARIABLE COST TOTA	VARIABI
4.8541	4.8541	4.8541	4.8541	OTAL	SUB TOTAL
.6093 .6882 .4193	.6093 .6882 .4193	.6093 .6882 .4193	.6093 .6882 .4193	UNIT PRICE UNIT CONSUMPT COST PER BAR	WATER UN WATER UN
			1		\$ { { !

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SHEET PHASE 2 2011	138.9594 1.0310 143.2672	143.2672	57.8550 .0150	.8678	.0188 131.0000 2.4601	.0874 31.3000 2.7358	. 0125 25.0000 .3126	. 0000	
ACCOUNTING 2010	138.9594 1.0310 143.2672	143.2672	57.8550 .0150	.8678	.0188 131.0000 2.4601	. 0874 31.3000 2.7358	.0125 25.0000 .3126	. 0840	
RMP COST 2009	138.9594 1.0310 143.2672	143.2672	57.8550 .0150	.8678	.0188 131.0000 2.4601	.0874 31.3000 2.7358	.0125 25.0000 .3126	.0840	
2008	138.9594 1.0310 143.2672	143.2672	57.8550 .0150	. 8678	.0188 131.0000 2.4601	.0874 31.3000 2.7358	.0125 25.0000 .3126	.0840	
# <variable cost="">#</variable>	*** <rav materials="">**** BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER ROD</rav>	SUB TOTAL	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OPUTPUT SCRAP MINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER ROD</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER ROD	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER ROD	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER ROD	

			L	
197.7565	197.7565	197.7565	197.7565	GRAND TOTAL
49.3613	49.3613	49.3613	49.3613	FIXED COST TOTA
1098800	1098800	1098800	1098,799.7220	TOTAL OTHER FIXED C 1098,799.7220
26877170	26877170	26877170	26877,170.2481	TOTAL PRECEEDING PR26877,170.2481
2928000	2928000	2928000	2928,000.0000	TOTAL REPAIR COST F 2928,000.0000
2971800	2971800	2971800	2971,800.0000	TOTAL DEPRECIATION
331,605.0000	331,605.0000	331,605.0000	331,605.0000	TOTAL LABOR COST FO
693,000.0000	693,000.0000 693,000.0000		693,000.0000	* <fixed cost="">** PRODUCTION OF ROD</fixed>
148.3952	148.3952	148.3952	148.3952	VARIABLE COST TOTA
5.9959	5.9959	5,9959	5.9959	SUB TOTAL
.6093 .8000 .4875	.6093 .8000 .4875	.6093 .8000 .4875	.6093 .8000 .4875	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER ROD
		6	0	

INPUT: QUIT SAVE UPDATED M&R FILE EGYPT2 (YES OR NO) INPUT: YES

MODELS AND REPORTS SAVED ON FILE EGYPT2

Table 9-19 Manufacturing Cost (Case II: With Expansion)

#### 34.1650 3		DRP COST ACCU	COST ACCOUNTING SHEET 1987 1988	PHASE 2 1989	1990	1661	1992	1993
CONSUMP T. OLISO T. CONSUMP T. CONSUMP T.	* <variable cost="">** ***<ram naterials="">**** PELLET INVY DETCE</ram></variable>		037L 97	0371 72	0371 92	0371 92	037t 72	24 1650
PER DRI 34.6775 34.6		1.0150	1.0150	1.0150	1.0150	1.0150	1.0150	1.0150
UNIT PRICE 32.2950 4350 4350 4350 4350 4350 4350 4350 4350 4350 4350 4350 4350 4350 4350 4350 4350 14,0463 10,0007 10,0007 10,0007 10,0007 10,0007 11,0000 11,		34.6775	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775
UNIT CONSUL MAIN PRIZER MAIN	FINS	32,2950	32.2950	32,2950	32.2950	32.2950	32,2950	32.2950
NAIT PRICE 32.2049 31.4870 31.4146 31.4132 31.4132 36 32.2049 31.4870 31.4870 31.4146 31.4132 31.4132 36 31.007 0007 0007 00000 111.0000 11.0000 11		.4350	.4350	.4350	.4350	.4350	4350	.4350
NSIGN NSIG		14.0483	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483
NSIAN .0007 .0007 .0007 .0007 .0007 .0007 .0007 .0007 .0007 .0020 .0250 .0220 .0207 .0207 .0202	UNIT PRICE	32.2049	31.4870	31.4148	31.6132	2512.TF	30.4782	29.9548
######################################	UNIT CONSUM	.0007	2000.	7000.	2000	2000.	2000	7000.
### #### #############################	COST PER DR	.0225	.0220	.0220	.0220	.0220	.0213	.0210
PRI 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 10.0055		48.7483	48.7478	48.7478	48.7478	48.7478	48.7471	48.7468
PRI 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 1.0450 .	*		1					
TOTAL .045G .045G .045G .045G .045G .045G .045G COST PER .495G .1060G .1060G .1060G .1060G .1060G .1060G .110.000G .110.000G .110.000G .110.000G .110.000G .110.000G .110.000G .110.000G .270.000G .270.00G		11.0000	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000
HAPT 110.0000 110.000		.0450	.0450	0450	.0450	0450	.0450	.0450
MPT 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 12.2786	g	.4950	.4950	.4950	.4950	.4950	.4950	.4950
MPT 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 110.0000 12.2786 2.278		.4950	.4950	.4950	. 4950	4950	. 4950	.4950
MPT 110.0000				* * * * * * * * * * * * * * * * * * *				4 1 1 1 1 1 1
TIO 276440 2.2935 2.2787 2.2786 2.2786 3.0584 0.058	UNIT PRICE	0219	.0209	.0207	.0207	0207	9610.	.0194
TIO 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.00000 270.00000 270.0000 270.0000 270.00000 270.00000 270.00000 27	COST PER DRI	2.4040	2.2935	2.2787	2.2786	2.2786	2.1883	2.1353
TID 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.00000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.0000 270.000								
TIO 7.0000 2.77.79 15.7768 15.	PRICE	0585	4850.	.0584	4850.	0584	2582	.0581
TIO 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.000	להטלאטט המה מהם	15 8082	0000.072	77.58	15, 7768	15 7768	15, 7167	15,6900
TIO 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.000				1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
TIO 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.00000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.0000 7.000	T PRICE	.0277	.0202	.0194	.0194	.0194	.0167	.0153
PRICE 1.854 .1570 .1534 .1334 .1334 .41334 .1334	IT CONSUMPTIO	•	7,0000	7.0000	7.0000	7.6000	7.0000	7.0000
PRICE .1854 .1570 .1534 .1534 .1534 .1534 CONSUMPT 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1300 1.3000 1.3000 PER DRI 1.0261 .8893 .8746 .8746 .8746 .19.2192 19.2192 1	SI PER URL	756T.		AGGT.	2557.	9997.	0/77.	0/07.
CONSUMPT 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.3000 1.3000 1.3000 1.3000 1.3000 PER DRI 1.0261 .8893 .8746 .8746 .8746 .8746 19.2192 19.2192 1		1854	.1570	.1534	,1534	.1534	.1131	. 0985
PER DRI .1854 .1570 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1534 .1344 .1334 .1344 .1334 .1344 .1334 .134		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	T.0000
MPT 1.3000 1.300	PER D	.1854	.1570	.1534	.1534	.1534	.1131	.0985
RI 1.0261 1.3000		7893	1989	.6728	.6728	.6728	. 9457	.8291
PER DRI 1.0261 .8893 .8746 .8746 .8746 .8746 .TOTAL 19.6175 19.2588 19.2194 19.2192 19.2192 1	INTT CONSTMET	1 2000	ביינים ב	7.3000	1.3000	1.3000	1.3000	1.3000
TOTAL 19.6175 19.2588 19.2194 19.2192 19.2192		1.0261	8893	.8746	.8746	.8746	1.2294	1.0779
		19.6175	19.2588	19.2194	19.2192	19.2192	19.3620	19.1146
COST T 67.8709 67.5117 67.4722 67.4720 67.4720	VARIABLE COST T	62.8709	67.5117	67.4722	67.4720	67.4720	67.6142	67.3664
	AVITACIO CUSTAN							_

1327000	172,680.0000 172,680.0000	12984500	2200000	4980000	1225773	16.2494	83.6158	
1119000		11173500	2200000	498000	1225773	17.6514	85.2656	
716,000.0000	79,700.0000	5743500	1500000	2583000	910,538.8580	15.1072	82.5791	
716,000.0000	79,700.0000	5743500	1500000	2583000	910,538.8580	15.1072	82.5791	
716,000.0000 716,000.0000 716,000.0000	79,700.0000	5743500	150000	2583000	910,538.8580	15.1072	82,5794	
716,000.0000	79,700.0000	5743500	1500000	2563000	910,538.8580	15.1072	82.6189	
845,000.0000	106,266.6667	7658,000.0000	2000,000.0000	3444,000.0000	1210,385.2624	17.0635	84.9344	
PRODUCTION OF DRI	TOTAL LABOR COST FO	TOTAL DEPRECIATION	TOTAL SPECIAL REPAI	TOTAL REPAIR COST F	TOTAL OTHER FIXED C	FIXED COST TOTA	GRAND TOTAL	
PRODU	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	FIX	GRAN	

1993	12,0000	1.9800	23.7600	2.2500	.2700	.6075	5209.	7610	60.0000	1.1647	.0581	85.0000	4.9413	.0153	45.0000	. 6880	10985	0000	0000	.8291	.0100	.0083	6.8023	29.9548	59,000.0000	43,750.0000	668,800.0000	74,000.0000
1992	12.0000	1.9800 23.7600	23.7600	2.2500	2700	.6075	.6075	6610	62.0000	1.2334	.0582	87,0000	5.0635	.0167	61,0000	1.0193	1211.	0000	0000	79457	.0100	5600.	7.3257	30,4782	44,000.0000	43,750,0000	668,800.0000	74,000.0000
1991	12.0000	23.7600	23.7600	2.2500	.2700	.6075	.6075	.0207	65,0000	1.3465	4850.	90.0000	5.2589	.0194	85,0000	1.6486	1534	0000	0000	.6728	.0100	.0067	8.2607	31.4132	34,000.0000	40,740.0000	668,800.0000	60,000.6000
SHEET PHASE 2 1990	12.0000	23.7600	23.7600	2.2500	.2700	.6075	.6075	.0207	65.0000	1,3465	.0584	90.0000	5,2589	.0194	85.0000	1.6486	1534	0000	0000	.6728	.0100	.0067	8.2607	31.4132	34,000.0000	40,740.0000	668,800.0000	60,000.0000
ACCOUNTING 1989	12.0000	23.7600	23.7600	2.2500	.2700	.6075	.6075	.0207	65.0000	1.3465	.0584	90.0000	5.2589	4610.	85.0000	1.6501	.1534	.0000	. 0000	.6728	.0100	.0067	8,2623	31.4148	34,000.0000	40,740.0000	668,800.0000	60,000.0000
1988	12.0000	23.7600	23.7600	2.2500	.2700	.6075	.6075	.0209	65.0000	1.3553	.0584	90.0000	5.2593	.0202	85.0000	1.7131	.1570	0000	0000	.6841	.0100	.0068	8.3345	31.4870	33,000.0000	40,740.0000	668,800.0000	60,000.0000
1987	12.0000	23.7600	23.7600	2.2500	.2700	.6075	6075	.0219	65.0000	1.4205	.0585	90,0000	5.2694	.0277	85.0000	2.3546	.1854	.0000	0000	.7893	.0100	6200.	9.0524	32.2049	37,000.0000	54,320,0000	891,700.0000	80,000.0000
2 1 1 2 2 4 1 2 4 1 2 7 X	***CAKIABLE COS1>** ***CRAW MATERIALS>**** LIME STONE UNIT PRI	LIME STONE COST PER	SUB TOTAL	*** <byproduct>*** LIME FINE UNIT PRIC</byproduct>	LIME FINE UNIT OUTP	LIME FINE MINUS COS	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE</utility>	ELEC. UNIT CONSUMPT	ELEC. COST PER BURN	GAS UNIT PRICE	GAS UNIT CONSUMPTIO	GAS COST PER BURNT	AIR UNIT PRICE	AIR UNIT CONSUMPTIO	AIR COST PER BURNT		L 1 2 5	OZ NZ COST PER BURN	MATER UNIT PRICE	MATER UNIT CONSUMPT	MATER COST PER BURN	SUB TOTAL	VARIABLE COST TOTAL	* <fixed cost="">** PRODUCTION OF BURNT</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION	TOTAL SPECIAL REPAI

			THE THE PERSON OF THE PROPERTY OF THE PERSON					
76.0942	82,9093	89, 5993	89.5993	89,6009	91,4363	103.3960	D TOTAL	GRAND
111111111111111111111111111111111111111								i
46.1394	52.4312	58.1861	71,1911 59,9493 58,1861 58,1861 58,1861 52,4312 46,1394	58.1861	59.9493	71.1911	5 COST TOTAL	FIXE
1220421	1220421	908,788.3280	908,788.3280	908,788.3280	908,788.3280	1208,051.2300	TOTAL OTHER FIXED C 1208,051.2300 908,788.3280 908,788.3280 908,788.3280 908,788.3280	TOTAL
	1701111111111		PIRKETERS SISSILLERS OFFICERSES LINESSISSIES			111100000000000000000000000000000000000		
300,000,000	300,000.0000	300,000.0000	300,000.0000	300,000,000	300,000.0000	400,000.0000	TOTAL REPAIR COST F 400,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000.0000	TOTAL

1993	67.3664 1.0770 72.5536	57.8550 .1200 6.9426	29.9548 .0410 1.2281	205.9000 .0020	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 10001 0767	97,1250 .0013	2,045,8200 .0041 8,3879	427.0000 .0260 11.1020	1,207,0000 .0026 3,1382	747.0000 .0030 2.2410
1992	67.6142 1.0330 69.8454	57.8550 .1590 9.1989	30.4782 .0410 1.2496	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250 .0013 .1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410
1661	67.4720 .8720 58.835	57.8550 .3040 17.5879	31.4132 .0410	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0061.	97.1250 .0013 .1263	2,045,8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410
SHEET PHASE 2 1990	67.4720 .8720 58.8356	57.8550 .3040 17.5879	31.4132 .0410 1.2879	205.9000 .0020	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747,0000 .0030 2.2410
SMP COST ACCOUNTING S 1988 1989	67.4722 .8720 58.8358	57.8550 .3040 17.5879	31.4148 .0410 1.2880	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410
SMP COST 1988	67.5117 .8970 60.5580	57.8550 .2810 16.2573	31.4870 .0410 1.2910	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000
1987	SUPPLIES>**** 67.8709 .9470 64.2737	57.8550 .2370 13.7116	32.2049 .0410 1.3204	205.9000 ,0020	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250 .0013	2,045.	427.0	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410
	* <variable cost="">** ***<raw and="" materials="" sup<br="">DRI UNIT PRICE DRI UNIT CONSUMPTIO DRI COST PER BILLET</raw></variable>	SCRAP UNIT PRICE SCRAP UNIT CONSUMPT SCRAP COST PER BILL	BURNT LIME UNIT PRI BURNT LIME UNIT CON BURNT LIME COST PER	FLOURSPAR UNIT PRIC FLOURSPAR UNIT CONS FLOURSPAR COST PER	FE-MN UNIT PRICE FE-MN UNIT CONSUMPT FE-MN COST PER BILL	FE-SI UNIT PRICE FE-SI UNIT CONSUMPT FE-SI COST PER BILL	AL UNIT PRICE AL UNIT CONSUMPTION AL COST PER BILLRT	COKE BREEZE UNIT PR COKE BREEZE UNIT CO COKE BREEZE COST PE	ELECTRODE UNIT PRIC ELECTRODE UNIT CONS ELECTRODE COST PER	FETTLING MATERIALS FETTLING MATERIALS FETTLING MATERIALS	FURNACE BRICK UNIT FURNACE BRICK UNIT FURNACE BRICK COST	LADLE BRICK UNIT PR LADLE BRICK UNIT CO LADLE BRICK COST PE

.

713.0000 .0030 2.1390	115.8923	57.8550 .0164	. 9488	.0194 731.0000 14.1900	.0581 4.0500 .2354	.0153 7.8600 .1202	.0985 4.0800 .4020	.8291 2.1400 1.7744	16.7220	131.6655	1231000	1275230	18471400	7127000	23869923	1278697	42.2602	L200 XL*
713.0000 .0030 2.1390	115.4619	57.8550 .0164	. 9488	.0199 731.0000 14.5421	.0582 4.0500 .2357	.0167 7.8600 1313	.1151 4.0800 4613	.9457 2.1400 2.0237	17.3942	131.9073	1082000	1275230	17159400	7127000	22058923	1278697	45.1934	7001 771
713.0000 .0030 2.1390	112.8794	57.8550 .0164 .9488	9488	.0207 708.0000 14.6660	.0584 4.0500 .2367	.0194 7.8600 11524	4	. 67 2.14 1.43	17.1207	129.0513	821,000.0000	816,380.0000	10596400	4583000	12795067	948,746.0780	36.2236	365 2769
713.0000 .0030 2.1390	112.8794	57.8550 .0164 .9488	. 9488	.0207 708.0000 14.6660	.0584 4.0500 .2367	.0194 7.8600 1524	.1534 4.0800 4.0800	.6728 2.1400 1.4397	17.1207	129.0513	821,000.0000	316,380.0000	10596400	4563000	12795067	948,746.0780	36.2236	146 2769
713.0000 .0030 2.1390	112.8797	57.8550 .0164 .9488	. 9488	.0207 708.0000 14.6667	.0584 4.0500 .2367	.0194 7.8600 1526	.1534 4.0800 6.259	.6728 2.1400 1.4397	17.1215	129.0524	821,000.0000	816,380.0000	10596400	4583000	12795067	948,746.0780	36.2236	725 935
713.0000 .0030 2.1390	113.2742	57.8550 .0164 .9488	9488	.0209 708.0000 14.7621	.0584 4.0500 .2367	.0202 7.8600 1584	.1570	.6841 2.1400 1.4639	17.2618	129.5871	798,000.0000	816,380.0000	10596400	4583000	12795067	948,746.0780	37.2677	8738 77L
713.0000 .0030 2.1390	114.4	57.8550 .0164	. 9488	.0219 718.0000 15.6912	.0585 4.0500 .2371	.0277 7.8600 7.8500	.1854 4.0800 7566	. 7893 2.1400 1.6890	18.5917	132,1166	2,000.0000	.6667	4128,500.0000	6111,000.0000	7052,723.1591	1261,328.0550	44.4418	7633 744
TUNDISH BRICK UNIT TUNDISH BRICK COST TUNDISH BRICK COST	SUB TOTAL	*** <byproduct>**** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP HINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BILL</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BILLE	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BILLET	02 NZ UNIT PRICE 02 NZ UNIT CONSUMPT 02 NZ COST PER BILL	MATER UNIT PRICE MATER UNIT CONSUMPT WATER COST PER BILL	SUB TOTAL	VARIABLE COST TOTA	* <fixed cost="">** PRODUCTION OF BILLE</fixed>	TOTAL LABOR COST FO 1088,506	TOTAL DEPRECIATION 14128,500.0000	TOTAL REPAIR COST F 6111,000.0000	TOTAL PRECEEDING PRI7052	TOTAL OTHER FIXED C 1261	FIXED COST TOTAL	1704

* <variable cost="">**</variable>	1987	BMP COST 1988		ACCOUNTING SHEET PHASE 2 1989 1990	1991	1992	1993
CRAM MATERIALS>* BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER BAR	** 132.1166 1.0420 137.6655	129.5871 1.0420 135.0298	129.0524 1.0420 134.4726	129.0513 1.0420 134.4714	129.0513 1.0420 134.4714	131.9073 1.0420 137.4474	131.6655 1.0420 137.1955
SUB TOTAL	137.6655	135.0298	134.4726	134.4714	134.4714	137.4474	137.1955
*** <byproduct>**** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP MINUS COST PE</byproduct>	57.8550 .0260 1.5042	57.8550 .0260 1.5042	57.8550 .0260 1.5042	57.8550 .0260 1.5042	57.8550 .0260 1.5042	57.8550 .0260 1.5042	57.8550 .0260
SUB TOTAL	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BAR</utility>	.0219 86.0000 1.8795	.0209 86.0000 1.7931	.0207 86.0000 1.7815	.0207 86.0000 1.7815	.0207 86.0000 1.7815	.0199 86.0000 1.7108	86.0
GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BAR	.0585 29.5000 1.7272	.0534 29.5000 1.7239	.0584 29.5000 1.7238	.0584 29.5000 1.7238	.0584 29.5000 1.7238	.0582 29.5000 1.7169	.0581 29.5000 1.7149
AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BAR	.0277 19.3000 5346	.0202 19.3000 .3890	.0194 19.3000 3747	.0194 19.3000 3743	.0194 .019.3000 .3743	.0167 19.3000 .3225	.0153 19.3000 .2951
O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER BAR	.0000 .0000	.0000	1534	.0000	.0000	.0000	.0000
MATER UNIT PRICE MATER UNIT CONSUMPT MATER COST PER BAR	. 5832 . 5432	.6841 .6882 .4708	. 6882 . 6882 . 4630	. 6723	,6728 ,6882 ,4630	.6508	.8291 .6882 .5706
SUB TOTAL VARIABLE COST TOTA	4.6844	4.3768	4.3430	4.3425	4.3425	4.4011	4.2500
* <fixed cost="">** PRODUCTION OF BAR</fixed>	446,000.0000	418,000.0000	425,000.0000	425,000.0000	425,000		
TOTAL DEPRECIATION (3223900	3223900	3223900	3223900	322,805.0000	522,805,0000
TOTAL REPAIR COST F ;	1783,000.0000	1337000	1337000	1337000	1337000	1337000	1337000

19833483	1233503	60.7745	00.7157		
15			25		
20921824	1233503	63.3233	203.6675 200.7157	٠.	
		53.5151 63.3233	190.8248		
16965540	225,404,2530 921,803.1380 921,803.1380 921,803.1380 921,803.1380	53.5151	190.8800 190.8248		
16988343	921,803.1380	80.7960 55.6517 53.5687	221.6417 193.5540 190.8600		
17484037	921,803,1380	55.6517	193,5540	÷	
PR28333,906.7545 17484037	C 1225,404.2530 921,803.1380 921,803.1380 921,803.1380 921,803.1380	80.7960	221.6417		
TOTAL PRECEEDING PR28	TOTAL OTHER FIXED C	FIXED COST TOTAL	GRAND TOTAL		
TOTAL PR	TOTAL OT	FIXED	GRAND		

\$66°I	555 510 571	77.	.8550 .0150 .8678	.8678	.0194	.0581 .3000 .8196	.0153 .0000 .3822	.0985	.8000 .8000	180	373	900	00 00	100	181
×	131.6655 1.0310 135.7471	135.7471	57.8550 .0150	.86	.0194 131.0000 2.5429	.0581 31.3000 1.8196	.0153 25.0000 .3822	9,8,6	90,00,0	5.4080	140.2873	693,000.0000	331,605.0000	5324400	1808000
266 <u>7</u>	151.9073 1.0310 135.9964	135.9964	57.8550 .0150	.8678	.0199 135.0000 2.6856	.0582 31.7000 1.8450	.0167 27.0000 .4512	.0000	.9457 .8182 .7737	5.7555	140.8841	0000	331,605.0000	5325400	1808000
1991	129.0513 1.0310 133.0518	133.0518	57.8550 .0160	.9257	.0207 144.0000 2.9829	,0584 32.5000 1.8991	.0194 30.0000 .5818	.0000	.6728 .8545 .5749	6.0387	138.1649		272,785.0000	2937400	1120000
SHEET PHASE 2 1990	129.0513 1.0510 133.0518	133.0518	57.8550 .0160	.9257	.0207	.0584 32.5000 1.8991	.0194 30.0000 .5818	.0000	.6728 .8545 .5749	6.0387	138.1649	320,000.0000 3	272,785.0000 2	2937400	1120000
ST ACCOUNTING S	129.0524 1.0310 133.0530	133.0530	57.8550 .0160	. 9257	.0207 144.0000 2.9831	.0584 32.5000 1.8991	.0194 30.0000 .5824	.0000	.6728 .8545 .5749	6.0394	138.1667	319,000.0000 3	272,785.0000 2	2937400	1120000
RMP COST 1988	129,5871 1.0310 133,6043	133.6043	57,8550 .0160	. 9257	.0209 144.0000 3.0025	.0584 32.5000 1.8992	.0202 30.0000 .6046	.0000	. 6841 . 8545 . 5846	8060.9	138,7695	293,000.0000 3	272,785.0000 2	2937400	1120000
1987	* 132,1166 1.0310 136,2122	136.2122	57.8550 .0160	.9257	.0219 144.0000 3.1470	.0585 32.5000 1.9028	.0277 30.0000 8310	.1854 .0000	.7893 .8545 .6745	6.5553	141.8419	178,000.0000 2	13.3333	3182,200.0000	1493,000.0000
	* <variable cost="">** ***CRAW MATERIALS>**** BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER ROD</variable>	SUB TOTAL	*** <byproduct>**** SCRAP UNIT PRICE SCRAP UNIT OPUTPUT SCRAP MINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER ROD</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER ROD	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER ROD	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER ROD	MATER UNIT PRICE MATER UNIT CONSUMPT MATER COST PER ROD	SUB TOTAL .	VARIABLE COST TOTA	* <fixed cost="">** PRODUCTION OF ROD</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION 3	TOTAL REPAIR COST F 1
										٠.		-			

	0002	34.1650	54.6775	32.2950 .4350 14.0483	29.6548 .0007	48.7466	11.0000	.4950	.0183 110.0000 2.0130	.0580 270.0009 15.6633	.0104 7.0000 .0726	.0623 1.0000 .0623	.6894 1.3000 .8962	18.7072	66,9588	
000	1227	34.1650	6//0.45	32.2950 .4350 14.0483	29.6548 .0007	48.7466	11.0000	. 4950	.0163	.0580 270.0000 15.6633	.0104 7.0000 .0726	.0623 1.0000 .0623	.6894 1.3000 .8962	18.7072	66.9588	
600	7	34.1650 1.0150	0//0/40	32.2950 ,4350 14.0483	29.6548 .0007 .0208	48.7466	11.0000	.4950	.0183 110.0000 2.0130	.0580 270.0000 15.6633	. 0104 7. 0000 . 0726	.0623 1.0000 .0623	.6894 1.3000 .8962	18.7072	66.9588	
1997		1.0150	1110110	32.2950 .4350 14.0483	29.6548	48.7466	11.0000	.4950	.0183 110.0000 2.0130	.0580 270.0000 15.6633	.0104 7.0000 .0726	.0623 1.0000	.6894 1.3000 .8962	18.7072	66.9588	
PHASE 2) (34.1650 1.0150 34.6775	1 110110	32.2950 .4350 14.0483	29.6637 .0007 .0208	48.7466	11.0000 .0450 .4950	.4950	.0184 110.0000 2.0293	.0580 270.0000 15.6633	.0104 7.0000 .0726	.0623 1.0000 .0623	.6894 1.3000 .8962	18.7236	66.9751	
DRP COST ACCOUNTING SHEET PHASE		34.1650		32,2950 ,4350 14,0483	29.9547 .0007 .0210	48.7468	11.0060	.4950	.0194 110.0000 2.1353	.0581 270.0000 15.6959	.0153 7.0000 .1070	.0985 1.0000 .0985	.8249 1.3000 1.0724	19.1091	6092'29	
DRP COST ACC		34.1650 1.0150 34.6775	G770-10	32.2950 .4350 14.0483	29.9548 .0007 .0210	48.7468	11.0000	.4950	.0194 110.0000 2.1353	.0531 270.0000 15.6959	.0153 7.0000 .1070	.0980. 1.0000 5890.	.8291 1.3000 1.0779	19.1146	67.3664	
	* <variable cost="">** ***<ram materials="">***</ram></variable>	PELLET UNIT PRICE PELLET UNIT CONSUMP PELLET COST PER DET	יייייייייייייייייייייייייייייייייייייי	IRON ORE UNIT PRICE IRON ORE UNIT CONSU IRON ORE COST PER D	B. LIME UNIT PRICE B. LIME UNIT CONSUM B. LIME COST PER DR	SUB TOTAL	*** <byproduct>**** CXIDE FINE UNIT PRI CXIDE FINE UNIT OUT FINE MINUS COST PER</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER DRI</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER DRI	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER DRI	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER DRI	MATER UNIT PRICE MATER UNIT CONSUMPT MATER COST PER DRI	SUB TOTAL	VARIABLE COST T	* <fixed cost="">**</fixed>

	1327000	0000	1500	2200000	4980000	1166673	16.2026	1614
:	1327	172,680.0000	12981500	220(1964	116	16.	83.
		172,680.0000 1	12981500	2200000	4980000	1166673	16.2026 16.2026	83.1614 83.1614 83.1614
	1327000	172,680.0000	12981500	2200,000,0000 2200000 2200000 2200000 2200000	980,000.0000 4980000 4980000 4980000 4980000 4980000	225,772,7020 1225773 1166693 1166673 1166673 1166673	16.2494 16.2037 16.2026 16.2026 16.2026 16.2026	
	1327000	172,680.0000	12981500	2200000	4980000	1166673	16.2026	83.1614
	1327000	172,680.0000	12983000	2200000	4980000	1166693	16.2037	83.1789
	1327000	172,680.0000	12984500	2200000	4980000	1225773	16.2494	83.6103
	1327,000.0000	FO 172,680.0000 172,680.0000 172,680.0000 172,680.0000 172,680.0000 172,680.0000 172,680.0000	TOTAL DEPRECIATION 12984,500.0000 12984500 12983000 12981500	PAI 2200,000:0000	F 4980,000.0000	D C 1225,772.7020	16.2494	83.6158
			PRECIATION 1	ECIAL REPAI	PAIR COST F	HER FIXED C	FIXED COST TOTA	TOTAL
	PRODUCTION OF DRI	TOTAL LABOR COST	TOTAL DE	TOTAL SPECIAL REI	TOTAL REPAIR COST	TOTAL OTHER FIXE	FIXED	GRAND

	Ö	<u> </u>	1 9	1 882	ែស	1 222	1 2 2 2	। क्र ठ क	រូងឧទ	1 \$ 5 6	I W I	호! D	18	- 2	181
÷	2000	12.0000 1.9800 23.7600	23.7600	2.2500	.6075		.0580 85.0000 4.9310	.010¢ 45.0005 464	.0000	.00100 .00100	6.5023	29.6548	43,750.0000	667,300.0000	74,000.0000
	1999	12.0000 1.9800 23.7600	23.7600	2.2500 .2700 .6075	.6075	.0183 60.0000 1.0980	.0580 85.0000 4.9310	.0104 45.0000 .4664	.0623	.0100 .0000	6.5023	29.6548	43,750.0000	667,300.0000	74,000.0000
	1998	12.0060 1.9800 23.7600	23.7600	2.2500	. 6075	.0183 60.0000 1.0980	.0580 85.0000 4.9310	.0104 45.0000	0000	.0100 .0069	6.5023	29.6548	43,750.0000	667,300.0000	74,000.0000
	HEET PHASE 2 1997	12.0000 1.9800 23.7600	23.7600	2.2500	5209.	.0183 60.6000 1.0980	.0580 85.0000 4.9310	.0104 45.0000	.0000	.0100	6.5023	29.6548	43,750.0000	667,300.0000 6	74,000.0000
	LCP COST ACCOUNTING SHEET 1995	12.0000 1.9800 23.7600	23.7600	2.2500	. 6075	.0184 60.0000 1.1069	.0580 85.0000 4.9310	.0104	.0623	.6894 .0100 .0069	6.5112	29.6637	43,750.0000	668,000.0000	74,000.0000
	1995 1995	12.0000 1.9800 23.7600	23.7600	2.2500	. 6075	.0194 60.0000 1.1647	.0561 85.0000 4.9413	.0153 45.0000 .6880	.0985	.8249 .0100 .0082	6.8022	29.9547	43,750.0000	668,800.0000 6	
	1994	12.0000 1.9800 23.7600	23.7600	2.2500 .2700	.6075	.0194 60.0000 1.1647	,0581 85,0000 4,9413	. 0153 45.0000 , 6880	. 0000	.8291 .0100 .0083	6.8023	29.9548	43,750.0000	668,800.0000 6	74,000.0000
	* <variable cost="">**</variable>	*** <ram materials="">**** LIME STONE UNIT PRI LIME STONE UNIT CON LIME STONE COST PER</ram>	SUB TOTAL	*** <byproduct>**** LIME FINE UNIT PRIC LIME FINE UNIT OUTP LIME FINE MINUS COS</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BURN</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BURNT	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BURNT	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER BURN	MATER UNIT PRICE MATER UNIT CONSUMPT MATER COST PER BURN	SUB TOTAL	VARIABLE COST TOTAL * <fixed cost="">** PRODUCTION OF BURNT</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION	TOTAL SPECIAL REPAI
														:	
												-			

74.5823	74.5823	74.5823	74.5823	74.6056	76.0941	76.0942	GRAND TOTAL
44.9274 44.9274	44.9274	46,1394 46.1394 44,9418 44,9274 44,9274 44,9274	44.9274	44.9418	46.1394	46.1394	FIXED COST TOTAL
1161321	1161321	220,420.7620 1220421 1161341 1161321 1161321 1161321	1161321	1161341	1220421	1220,420.7620	TOTAL OTHER FIXED C 1220,420.7620
300,000,000	300,000,000	300,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000 0000 300,000 300,0000	300,000,0000	300,000.0000	300,000.0000	300,000.0000	TOTAL REPAIR COST F 300,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000 300,0000 300,0000
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2000	66,9588	57.850	6,9426 29,6548 .0410 1,2158	205.9000 .0020	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250 .0013 .1265	2,045,8200 .0041 8.3879	427.0000 .0260 11.1020	1,207,0000 .0026 3.1382	.0030
1999	1.0770	57.8550	6.9426 29.6548 .0410	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250 .0013	2,045,8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000	747.0000
1998	66.9588	57.8550	6.9426 29.6548 0.0410 1.2158	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250 .0013	2,045,8200 .0041 8,3879	427.0000 .0260 11.1020	1,207.0000	747.0000
SHEET PHASE 2 1997	1.0770	57.8550	6.9426 29.6548 .0410 1.2158	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3,1382	747.0000
ACCOUNTING 1996	1.0770	57.8550	29.6637 .0410	205.9000 .0020	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250 .0013 .1263	2,045,8200 .0041 8,3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000
SMP COST 1995	1.0770	57.8550	6,9426 29,9547 0410 1,2281	205.9000	357.3600 .0140 5.0030	1000	766.5000	97.1250 .0013		1000	I O O W	747.0000
1994	SUPPLIES>**** 67.3664 1.0770	57.8550	6.9426 29.9548 .0410	205.9000	357.3500 .0140 5.0030	518.	766.5000	97.1250 .0013	2,045.8200 .0041 8.3879	427	1,207.0000	747.0000
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	***CALMABLE COST XXX ****CRAM MATERIALS AND DRI UNIT PRICE DRI UNIT CONSUMPTIO DRI COST DED RITE ET	SCRAP UNIT PRICE SCRAP UNIT CONSUMPT	SCRAP COST PER BILL BURNT LIME UNIT PRI BURNT LIME UNIT CON BURNT LIME COST PER	FLOURSPAR UNIT PRIC FLOURSPAR UNIT CONS FLOURSPAR COST PER	FE-MN UNIT PRICE FE-MN UNIT CONSUMPT FE-MN COST PER BILL	FE-SI UNIT PRICE FE-SI UNIT CONSUMPT FE-SI COST PER BILL	AL UNIT PRICE AL UNIT CONSUMPTION AL COST PER BILLRT	COKE BREEZE UNIT PR COKE BREEZE UNIT CO COKE BREEZE COST PE	ELECTRODE UNIT PRIC ELECTRODE UNIT CONS ELECTRODE COST PER	FETTLING MATERIALS FETTLING MATERIALS FETTLING MATERIALS	FURNACE BRICK UNIT FURNACE BRICK UNIT FURNACE BRICK COST	LADLE BRICK UNIT PR LADLE BRICK UNIT CO
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255 255	TUNDISH BRICK UNIT TUNDISH BRICK COST	713.0000 .0030 2.1390	713.0000 .0030 2.1390	713.0000 .0030 2.1390	713.0000 .0030 2.1390	713.0000 .0030 2.1390	713.0000 .0030 2.1390	713.0000 .0030 2.1390
	SUB TOTAL	115.8923	115.8864	115.4590	115.4410	115.4410	115.4410	115.4410
SCR.	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP MINUS COST PE</byproduct>	57.8550 .0164 .9488	57.8550 .0164	57,8550 .0164	57.8550 .0164 .9488	57.8550 .0164	57.8550 .0164	57.8550 .0164
01	SUB TOTAL	. 9488	. 9488	. 9488	. 9488	9488	.9488	. 9488
* 27 27 27	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BILL</utility>	.0194 731.0000 14.1900	.0194 731.0000 14.1900	.0184 731,0000 13,4857	.0183	.0183 731.0000 13.3771	.0183 731.0000 13.3771	.0183 731.0000 13.3771
GAS GAS GAS	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BILLE	.0581 4.0500 .2354	. 0581 4.0500 . 2354	.0580 4.0500 .2349	.0580 4.0500 .2349	.0580 4.0500 .2349	.0580 4.0500 .2349	.0580 4.0500 .2349
AIR AIR	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BILLET	.0153 7.8600 .1202	.0153 7.8600 .1202	.0104 7.8600 .0815	.0104 7.8600 .0815	.0104 7.8600 .0815	.0104 7.8600 .0815	.0104 7.8600 .0815
02 N2 02 N2 02 N2	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER BILL	. 0985 4. 0800 . 4020	.0985	. 0623 4.0800 .2540	.0623 4.0800 .2540	.0623 4.0800 .2540	.0623 4.0800 .2540	. 0623 4.0800 . 2540
MATER MATER MATER	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER BILL	.8291 2.1400 1.7744	.8249 2.1400 1.7653	.6894 2.1400 1.4752	.6894 2.1400 1.4752	.6894 2.1400 1.4752	.6894 2.1400 1.4752	.6894 2.1400 1.4752
∞	SUB TOTAL	16.7220	16.7130	15.5313	15.4228	15.4228	15.4228	15.4228
VA	VARIABLE COST TOTA	131.6655	131,6505	130.0415	129.9150	129.9150	129.9150	129.9150
* <f.< td=""><td>*<fixed cost="">** PRODUCTION OF BILLE 10</fixed></td><td>1231,000.0000</td><td>1231000</td><td>1231000</td><td>1231000</td><td>1231000</td><td>1231000</td><td>1231000</td></f.<>	* <fixed cost="">** PRODUCTION OF BILLE 10</fixed>	1231,000.0000	1231000	1231000	1231000	1231000	1231000	1231000
TOT	TOTAL LABOR COST FO 1	1275,230.0000	1275230	1275230	1275230	1275230	1275230	1275230
TOT	TOTAL DEPRECIATION 18	18471,400.0000	18471400	18438700	18438700	18438700	18438700	18438200
TOT	TOTAL REPAIR COST F 7	7127,000.0000	7127000	7127000	7127000	7127000	7127000	7127000
TOT	TOTAL PRECEEDING PR23	PR23869,923.4640	23869923	23749463	23747223	23747223	23747223	23747223
TOT	TOTAL OTHER FIXED C 1	1278,697.4420	1278697	1219617	1219597	1219597	1219597	1219597
U.	FIXED COST TOTAL	42.2602	42.2602	42.0877	42.0859	42.0859	42,0859	42.0855
GRA	GRAND TOTAL	173.9257	173.9107	172.1292	172.0009	172.0009	172.0009	172.0005

	1994	BMP COST	ST ACCOUNTING 1996	SHEET PHASE 2	1998	1999	2000
* <variable cost="">** ***<ram materials="">****</ram></variable>		-					
BILLET UNIT PRICE	131.6655	131.6505	130.0415	129.9150	129.9150	129.9150	129.9150
	137.1955	137.1799	135.5032	135.3714	135.3714	135.3714	135.3714
SUB TOTAL	137.1955	137.1799	135.5032	135.3714	135.3714	135.3714	135.3714
*** <byproduct>***</byproduct>						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
SCRAP UNIT PRICE	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550	57.8550
SCRAP MINUS COST PE	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
SUB TOTAL	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042	1.5042
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PRICE	.019¢	٠		.0183	.0183	.0183	.0183
ELEC. UNIT CONSUMPT	86.0000	Φ.	86.0000	86.0000	86.0000	36.0000	86.0000
ELEC. COST PER BAR	1.6694	1.6694	1.5865	1.5738	1.5738	1.5738	1.5738
GAS UNIT PRICE	.0581	.0581	0580	.0580	.0580	.0580	0580
UNIT	29,5000	29.5000	29.5000	29.5000	29.5000	29.5000	29.5000
GAS COST PER BAR	1.7149	1.7149	1.7114	1.7114	1.7114	1.7114	1.7114
AIR UNIT PRICE	.0153	.0153	4010.	010	0104	4010	010
LIND	19	19.3000	19.3000	19.3000	19,3000	19.3000	19.3000
AIR COST PER BAR	.2951	•	•	. 2000	.2000	. 2000	.2000
OZ NZ UNIT PRICE	3860.	3860.	.0623	.0623	.0623	.0623	.0623
N2 UNIT CONSUM	0000	0000	0000	•	.0000	.0000	.0000
O2 N2 COST PER BAR	0000	0000	0000	.0000	.0000	. 0000	0000
MATER UNIT PRICE	18281	.8249	4689.	5689*	4689.	.6894	4689.
MATER UNIT CONSUMPT	.6832	•	•		.6882	.6382	. 6882
NATER COST PER BAR	.5706	.5677	4444	4744	\$5/5.	4744	4744
SUB TOTAL	4.2500	4.2471	3.9724	3.9596	3.9596	3.9596	3.9596
VARIABLE COST TOTA	139.9413	139.9227	137.9714	137.8268	137.8268	137.8268	137.8268
* <fixed cost="">** PRODUCTION OF BAR</fixed>	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000	427,000.0000
TOTAL LABOR COST FO	322,805.0000	322,805,0000	322,805.000	322,805.0000	322,805.0000	322,805.0000	322,805,0000
TOTAL DEPRECIATION	3223,900.000	3223900	3214100	3212100	3212100	3212100	3212100
TOTAL REPAIR COST F	1337,000.0000	1337000	1337000	1337000	1337000	1337000	1337000
				1 1 1 1 1 1 1 1 1 1			***********

TOTAL PR	TOTAL PRECEEDING PRI	PR19833,483.1579	19833483	19752567	19751705 19751705 19751705	19751705	19751705	19751514
TOTAL OT	TOTAL CTHER FIXED C	C 1233,503.2820	233,503,2820 1233503		1174403	1174403	1174403	1174403
FIXED	COST TOTAL	60.7745 60.7745		60.4236	6914369	6914.09	60.4169 60.4169 60.4164	60.4164
GRAND	TOTAL	200,7157	200.6972	198.3950	198.2437	198.2437	200,7157 200,6972 198,3950 198,2437 198,2437 198,2437 198,2432	198.2432

2000	129.9150 1.0510 133.9423	133.9423	57.8550 .0150	.8678	.0183 131,0000 2,3973	.0580 31,3000 1,8158	.0104 25.0000 .2591	. 0623	. 8000 . 8315	5.0237	138.0982	693,000.0000	331,605.0000	5324400	1808000	
1999	129.9150 1.0310 133.9423	133.9423	57.8550 .0150	.8678	.0183 131.0000 2.3973	.0580 31.3000 1.8158	.0104 25.0000 .2591	.0000	.8900 .8000 .5515	5.0237	138.0982	693,000.0000	331,605.0000	5324400	1808000	
1998	129.9150 1.0310 133.9423	133.9423	57.8550 .0150	8678	.0183 131.0000 2.3973	,0580 31,3000 1.8158	.0104 25.0000 .2591	.0623	.6894 .8000 .5515	5.0237	138.0982	693,000.0000	331,605.0000	5324400	1808000	
SHEET PHASE 2 1997	129.9150 1.0310 133.9423	133.9423	57.8550 .0150	.8678	.0183 131.0000 2.3973	.0580 31.3000 1.8158	.0104 25.0000 .2591	.0000	.6394 .8000 .5515	5.0237	138.0982	. 0	331,605.0000 3	5324400	1808000	
ACCOUNTING 1996	130.0415 1.0310 134.0728	134.0728	57.8550 .0150	8298.	.0184 131.0000 2.4167	.0580 31.3000 1.8158	.0104 25.0000 .2591	.0000	. 6894 . 8000 . 5515	5.0431	138.2481	693,000.0000	331,605.0000	5324400	1808000	
RMP COST 1995	131.6505 1.0310 135,7317	135.7317	57.8550 .0150	l	.0194 131.0000 2.5429	.0531 31.3000 1.8196	.0153 25.0000 .3822	.0985	.8249 .8000 .6599	5.4046	140.2685			5324400	180800	
1994	131.6655	135.7471		.8678	.0194 131.0000 2.5429	.0581 31.3000 1.8196	.0153 25.0000 .3822	.0000 .0000	.8291 .8000 .6633	5.4080	140,2873	693,000.0000 693,000.000	331,605.0000 3	0.000.0		
* <variable cost="">**</variable>	BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER ROD	SUB TOTAL	*** <byproduct>*** SCRAP UNIT PRICE SCRAP UNIT OPUTPUT SCRAP MINUS COST PE</byproduct>	SUB TOTAL	*** <utility>**** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER ROD</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER ROD	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER ROD	02 N2 UNIT PRICE 02 N2 UNIT CONSUMPT 02 N2 COST PER ROD	MATER UNIT PRICE MATER UNIT CONSUMPT MATER COST PER ROD	SUB TOTAL	VARIABLE COST TOTA	* <fixed cost="">** PRODUCTION OF ROD</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION S	TOTAL REPAIR COST F 1808,000.0000	
									• •	-			٠			

		ASSESSED OF SERVICE STREET, ST	11111111111						
196.8204	196.8209	196.8209	196.8209	196.9728	199.2681	199.2869		TOTAL	GRAND
58.7223	58.7227 58.7223		58.7227	58.9995 58.7248 58.7227 58.7227	58.9995	58.9995	TOTA	FIXED COST TO	FIXED
1174800	1174800	1174800	1174800	1174820	1233900	TOTAL OTHER FIXED C 1233,899.7220	XED C	HER FI	TOTAL OF
32055736	32056046	188,767.7481 32188768 32057444 32056046 32056046 32055736	32056046	32057444	32188768	PR32188,767.7481		ECEEDI	TOTAL PRECEEDING

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2007	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	29.7851.	48.7466	11.0000	.4950	.0188 110.0000 2.0657	,0531 270.0000 15.6827	.0125 7.0000 0875		. 7921	18.7121	66.9638	
2006	34.1650 1.0150 34.675	32.2950 .4350 14.0483	29.6054	48.7465	11.0000	. 4950	.0181 110.0000 1.9924	.0580 270.0000 15.6633	0000. 7.0000 6990.	.0623 1.0000 1.0623	. 5257 1.3000 1.6834	18.4682	66.7197	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2005	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	29.6054 .0007	48.7465	11.0000	.4950	.0181	.0580 270.0000 15.6633	2000 7.0000 9699	1.0000		18,4682	66.7197	
2004	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	29.6054	48.7465	11.0000	.4950	.0181 110.0000 1.9924	.0580 270.0000 15.6633	9600°.	.0623 1.0000 .0623	.5257 1.3000 .6834	18.4682	66.7197	9 9 9 9 9 9
PHASE 2 2003	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	29.6054	48.7465	11.0060	.4950	.0181	.0580 270.0000 15.6633	0000. 7.0000	1.0000	.5257 1.3000 .6834	18.4682	66.7197	
INTING SHEET 2002	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	29.6054	48.7465	11.0000	0564'	.0181 110.0000 1.9924	.0580 270.0000 15.6633	7.0000 7.0000		. 5257 1.3000 . 6834	18.4682	66.7197	
DRP COST ACCOUNTING SHEET PHASE 2001	34.1650 1.0150 34.6775	32.2950 .4350 14.0483	29.6548 .0007 .0208		11.0000	.4950	.0183 110.0000 2.0130	.0580 270.0000 15.6633	.0104	. 0623 1.0000 . 0623	. 6894 1.3000 . 8962	18.7072	66.9583	
* <variable cost="">**</variable>	*** <raw materials="">**** PELLET UNIT PRICE PELLET UNIT CONSUMP PELLET COST PER DRI</raw>	IRON ORE UNIT PRICE IRON ORE UNIT CONSU IRON ORE COST PER D	B. LIME UNIT PRICE B. LIME UNIT CONSUM B. LIME COST PER DR	SUB TOTAL	***CBYPRODUCT>**** OXIDE FINE UNIT PRI OXIDE FINE UNIT OUT FINE MINUS COST PER	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER DRI</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO. GAS COST PER DRI	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER GRI	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER DRI	MATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER DRI	SUB TOTAL	VARIABLE COST T	* <fixed cost="">**</fixed>

1327000	172,680.0000	7418000	2200000	7564000	1090673	13.9000	80.8638
327,000.0000 1327000 1327000 1327000 1327000 1327000	172,680.0000 172,680.0000	10112000 10112000 10112000 10112000 10112000 7418000	2200000 2200000 2200000 2200000 2200000	4980000 4980000 4980000 4980000 7864000	1056273 1056273 1056273 1056273 1090673	13,9570 13,9570 13,9570	80.6767
1327000	172,680.0000	10112000	2200000	4980000	1056273	13.9570	80.6767
1327000	172,680.0000	10112000	2200000	4980000	1056273	13.9570	80.6767
 1327000	172,680.0000	10112000	2200000	4980000	1056273	13.9570	80.6767 80.6767
1327000	172,680.0000	546,700.0000 10112000 10112000	220000	i	1056273	13.9570	ŀ
1327,000.0000	172,680.0000 172,680.0000 172,680.0000 172,680.0000 172,680.0000 172,680.0000 172,680.0000			4980,000.0000	D C 1166,672.7020	15.1214	82.0801
PRODUCTION OF DRI	TOTAL LABOR COST FO	TOTAL DEPRECIATION 11546,700.0000	TOTAL SPECIAL REPAI 2200,000.0000	TOTAL REPAIR COST F 4980,000.0000	TOTAL OTHER FIXED C	FIXED COST TOTA	GRAND TOTAL

2007	12.0000	23.7600	2.2500 .2700	.6075	.0188 60.0000 1.1268	.0581 85.0000 4.9372	.0125 45.0000 .5626	.0000	.6093 .0100	6.6326	29.7851	50,000,0000	43,750.0000. 334,000.0000	74,000.0000
2006	12.0000	23.7600	2.2500	.6075	.0181 60.0000 1.0868	.0580 85.0000 4.9310	.0096 45.0000	.0000	.5257 .0100 .0053	6.4529	29.6054	50,000,0000	43,750.0000	
2005	12,0000	23.7600	2.2500 .2700 .6075	9209	.0181 60.0000 1.0868	.0580 85.0000 4.9310	.0096 45.0000 .4299	.0000	.5257 .0100 .0053	6.4529	29,6054	50,000.0000	45,750.0000	74,000.0000
SHEET PHASE 2 2004	12.0000	23.7600	2.2500	.6075	.0181 60.0000 1.0868	.0580 85.0000 4.9310	.0096	.0000	.5257 .0100 .0053	6.4529	29.6054	50,000.0000	45,750.0000	74,000.0000
LCP COST ACCOUNTING 2002 2003	12.0000	23.7600	2.2500	.6075	.0181 60.0000 1.0868	.0580 85.0000 4.9310	.0096	.0000	.5257 .0100 .0053	6.4529	29.6054	50,000.0000	45,750.0000	74,000.0000
LCP COS 2002	12,0000	23.7600	2.2500	.6075	.0181 60.0000 1.0868	.0580 85.0000 4.9310	.0096 45.0000	0000.	.5257 .0100 .0053	6.4529	29.6054	50,000,0000	*5,750.0000 334,000.0000	74,000.0000
2001	12. . 4.	23.7600	2.2500 .2700 .6075	.6075	.0183 60.0000 1.0980	.0580 85.0000 4.9310	.0104 45.0000	.0000.	.6894 .0100 .0069	6.5023	29.6548	50,000.0000	489,900.0000	74,000.0000
	* <variable cost="">** ****CRAW MATERIALS>**** LIME STONE UNIT PRI LIME STONE UNIT CON LIME STONE COST PER</variable>	R TOTAL	*** <byproduct>**** LIME FINE UNIT PRIC LIME FINE UNIT OUTP LIME FINE MINUS COS</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BURN</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BURNT	AIR UNIT CONSUMPTIO AIR COST PER BURNT	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER BURN	MATER UNIT CONSUMPT MATER COST PER BURN	SUB TOTAL	VARIABLE COST TOTAL	* <fixed cost="">** PRODUCTION OF BURNT</fixed>	TOTAL DEPRECIATION	TOTAL SPECIAL REPAI

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TOTAL 1	REPAIR COST F	TOTAL REPAIR COST F 300,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000.0000 601,000.0000	300,000,0000	300,000.0000	300,000.0000	300,000.0000	300,000.0000	601,000.0000
TOTAL (THER FIXED C	TOTAL OTHER FIXED C 1161,320.7620	1050921	1050921	1050921	1050921	1050921	1085321
FIXED (FIXED COST TOTAL	41.3794	36.0534		36.0534	36.0534		
GRAND TOTAL	TOTAL	71.0343	65.658	65.6588	65.6588	71.0343 65.6588 65.6588 65.6588 65.6588 72.5465	65.6588	72.5465

2007	66.9638 1.0770 72.1200	57.8550 .1200 6.9426	29.7851 .0410 1.2212 205.9000 .0020	357.3600 .0140 5.0030	518.8050	766.5000 .0001 .0767 .071250 .0013	2,045,8260 .0041 8,3879	427.9000 .0260 11.1020	1,207.0000	747.0000 .0030 2.2410
2006	66.7197 1.0770 71.8571	57.8550 .1200 6.9426	29.6054 .0410 1.2138 205.9000 .0020	357.3600 .0140 5.0030	518.8050	766.5000 .0001 .0767 .0767 97.1250 .0013	2,045.8200	427.0000 .0260 11.1020	1,207.0000	747.0000 .0030 2.2410
2002	66.7197 1.0770 71.8571	57.8550 .1200 6.9426	29,6054 .0410 1.2138 205,9000 .0020	357,3600 .0140 5,0030	518,8050 .0049 2,5421	766.5000 .0001 .0767 .0767 97.1250 .0013	2,045.8200 .0041 8.3879	427,0000 .0260 11,1020	1,207.0000	747.0000 .0030 2.2410
SHEET PHASE 2 2004	66.7197 1.0770 71.8571	57.8550 .1200 6.9426	29.6054 .0410 1.2138 205.9000 .0020	357.3600 .0140 5.0030	518.8050	766.5000 .0001 .0767 .0767 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0500 .0030 2.2410
ACCOUNTING 2003	66.7197 1.0770 71.8571	57.8550 .1200 6.9426	29.6054 .0410 1.2138 205.9000 .0020	357.3600 .0140 5.0030	518.8050	766.5000 .0001 .0767 .0767 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747,0000 .0030 2.2410
SMP COST 2002	66.7197 1.0770 71.8571	57,8550 .1200 6.9426	29.6054 .0410 1.2138 205.9000 .0020	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767 .0767 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747,0000 .0030 2.2410
2001	AND SUPPLIES>**** 66.9588 0 1.0770 T 72.1146	57.8550 .1200 6.9426	29.6548 .0410 1.2158 205.9000 .0020	357.3600 .0140 5.0030	518.8050	766,5000 .0001 .0767 .97,1250 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410
	* <variable cost="">** ***CRAM MATERIALS AND DRI UNIT PRICE DRI UNIT CONSUMPTIO DRI COST PER BILLET</variable>	SCRAP UNIT PRICE SCRAP UNIT CONSUMPT SCRAP COST PER BILL	BURNT LIME UNIT CON BURNT LIME COST PER FLOURSPAR UNIT PRIC FLOURSPAR UNIT CONS FLOURSPAR COST PER	FE-MN UNIT PRICE FE-MN UNIT CONSUMPT FE-MN COST PER BILL	FE-SI UNIT PRICE FE-SI UNIT CONSUMPT FE-SI COST PER BILL	AL UNIT PRICE AL UNIT CONSUMPTION AL COST PER BILLRT COKE BREEZE UNIT PR COKE BREEZE UNIT CO	ELECTRODE UNIT PRIC ELECTRODE UNIT CONS ELECTRODE COST PER	FETTLING MATERIALS FETTLING MATERIALS FETTLING MATERIALS	FURNACE BRICK UNIT FURNACE BRICK COST FURNACE BRICK COST	LADLE BRICK UNIT PR LADLE BRICK CNIT CO LADLE BRICK COST PE

2.1390	713.0000 .0030 2.1390	713.0000 .0030 2.1390	713.0000 .0030 2.1390	713.0000 .0030 2.1390	713.0000 .0050 2.1390	713.0000 .0030 2.1390
115,4410	115.1815	115.1615	115.1815	115.1815	115.1815	115.4517
57.8550 .0164	57.8550 .0164	57.8550 .0164	57.8550	57.8550 .0164 .9488	57.8550 .0164 .9488	57.8550 .0164 .9488
9488	. 9488	. 9488	. 9488	. 9488	. 9488	. 9488
.0183 731.0000 1772.51	.0181 731.0000 13.2404	.0181 731.0000 13.2404	.0181 731.0000 13.2464	.0181 731.0000 13.2404	.0181 731.0000 13.2404	.0188 731.0000 13.7276
.0580 4.0500 .2349	.0580 4.0500 .2349	.0580 4.0500 .2349	.0580 4.0500 .2349	.0580 4.0500 .2349	.0580	.0581 4.0500 .2352
.0104 7.8600 .0815	.0096 7.8600 .0751	.0096 7.8600 .0751	.0096 7.8600 .0751	.0096 7.8600 .0751	.0096 7.8600 .0751	.0125 7.8600 .0983
.0623 4.0800 .2540	.0623 4.0800 .2540	.0623 4.0800 .2540	.0623 4.0800 .2540	.0623 4.0800 .2540	.0623 4.0800 .2540	.0840 4.0800 .3427
.6894 2.1400 1.4752	.5257 2.1400 1.1249	.5257 2.1400 1.1249	.5257 2.1400 1.1249	.5257 2.1400 1.1249	.5257 2.1400 1.1249	.6093 2.1400 1.3040
15.4228	14.9294	14.9294	14.9294	14.9294	14.9294	15.7078
129.9150	129,1620	129.1620	129.1620	129.1620	129.1620	130.2107
1231,000.0000	1231000	1231000	1231000	1231000	1231000	1231000
FO 1275,230.0000	1275230	1275230	1275230	1275230	1275230	1275230
13346,600.0000	13346600	13346600	13346600	13346600	13346600	10243600
7127,000.0000	7127000	7127000	7127000	7127000	7127000	11711000
PR22135,023.4640	20323623	20323623	20323623	20323623	20323623	20583423
1219,597,4420	76160II	1109197	1109197	1109197	1109197	1143597
36.6397	35.0785	35.0785	35.0785	35.0785	35.0785	36.5206
166,5546	164.2405	164.2405	164.2405	164.2405	164.2405	166.7313
	731 131 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	731.0000 13.3771 13.3771 .0580 .0580 .0104 7.8600 .0815 .0623 4.0800 .0623 4.0800 1.4752 1.4752 129.9150 1275,230.0000 1275,230.0000 7127,000.0000 7127,000.0000 7127,000.0000 7127,000.0000 7127,000.0000	731.0000 731.0000 731.0000 731.0000 731.0000 731.0000 731.0000 731.0000 731.0000 731.0000 731.0000 731.0000 731.0000 73249 7.8600 7.860	731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 732,4904 7,0500 7,8600 7	731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,0000 731,000 731,000 731,000 731,000 731,000 731,000 731,000 731,000 731,000 731,000 731,000 731,000 732	731,0000 732,000 <

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2007	130.2107	135,6795	57.8550 .0260 1.5042	1.5042	.0188 36.0000 1.6150	.0581 29.5000 1.7135	.0125 19.3000 .2413	.0840	.6093	3,9891	138.1644	322,805.0000	1727200	2674000
2006	129.1620 1.0420 134.5868	134.5868	57.8550 .0260 1.5042	1.5042	.0181 86.0000 1.5577	.0580 29.5000 1.7114	.0096 19.3000	.0000	.5257 .6882 .3618	3.8152	136.8978	322,805.0000	1727200	1337000
	129.1620 1.0420 134.5868	134.5868	57,8550 .0260 1.5042	1.5042	.0181 86.0000 1.5577	.0580 29.5000 1.7114	.0096 19.3000 1844	.0000	.5257 .6882 .3618	3.8152	136.8978	322,805.0000	1727200	1337000
SHEET PHASE 2 2004	129.1620 1.0420 134.5868	134.5868	57.8550 .0260 1.5042	1.5042	.0181 86.0000 1.5577	.0580 29.5000 1.7114	.0096 19.3000 1844	.0623	.5257 .6882 .3618	3.8152	136.8978	322,805.0000	1727200	1337000
Õ	129.1620 1.0420 134.5868	134.5868	57.8550 .0260 1.5042	1.5042	.0181 86.0000 1.5577	.0580 29.5000 1.7114	.0096 19.3000 1844	.0000.	.5257 .6882 .3618	3.8152	136.8978	322,805.0000	1727200	1337000
BMP COST 2002	129.1620 1.0420 134.5868	134.5868	57.8550 .0260 1.5042	1.5042	.0181 86.0000 1.5577	.0580 29.5000 1.7114	.0096 19.3000	.0000	.5257 .6882 .5618	3.8152	136.8978	322,805,0000	1727200	1337000
	129.9150 1.0420 135.3714	135.3714	57.8550 .0260 1.5042	1.5042	.0183 86.0000 1.5738	.0580 29.5000 1.7114	.0104 19.3000 .2000	.0000	.6894 .6882 .4744	3.9596	137.8268	322,805.0000	1974,800.0000	1337,000.0000
* <variable cost="">** ***CRAM MATERIALS>****</variable>		SUB TOTAL	***CBYPRODUCT>**** SCRAP UNIT PRICE SCRAP UNIT OUTPUT SCRAP MINUS COST PE	SUB TOTAL	*** <utility>**** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BAR</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BAR	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BAR	02 N2 UNIT PRICE 02 N2 UNIT CONSUMPT 02 N2 COST PER BAR	MATER UNIT PRICE MATER UNIT CONSUMPT MATER COST PER BAR	SUB TOTAL	VARIABLE COST TOTA *CFIXED COST>** PRODUCTION OF BAR	TOTAL LABOR COST FO	TOTAL DEPRECIATION	TOTAL REPAIR COST F]

4 16465004 I/159799	1064003	48.9790	7 185.8767 191.9401
	1064003	48.9790	185.8767
toocoto+		48.9790	185.8767
+0000000 +00000000 +00000000	1064003	48.9790	189.3600 185.8767 185.8767 185.8767
*noceter	1064003	48.9790	189,3600 185.8767
FK1/195,690,65/7	TOTAL OTHER FIXED C 1174,403.2820	51.5333	189.3600
ICIAL PRECEEDING PRI	THER FIXED C	FIXED COST TOTAL	TOTAL
TOTAL PI	TOTAL OF	FIXED	GRAND

130.2107 1.0310 134.2472	134.2472	57.8550 .0150	8678.	.0188 131,0000 2.4601	.0581 31.3000 1.8160	.0125 25.0000 .3126	.0000	.6093 .8000 .4875	5.0782	693,000.0000	331,605.0000	2928000
129.1620 1.0310 133.1661	133.1661	57.8550 .0150 .8678	8798.	.0181 131.0000 2.3728	.0580 31.3000 1.8158	.0096 25.0000 .2388	.0623	.5257 .8000 .4205	4.8479	693,000.0000	331,605,0000	1808000
129.1620 1.0310 133.1661	133.1661	57.8550 .0150 .8678	.8678	.0181 131.0000 2.3728	.0580 31.3000 1.8158	.0096	. 0623 . 0000 . 0000	.5257 .8000 .4205	4.8479	693,000,0000	4030800	1808000
129.1620 1.0310 133.1661	133.1661	57.8550 .0150	8678	.0181 131.0000 2.3728	.0580 31.3000 1.8158	.0096 25.0000 .2388	.0000	.5257 .8000 .4205	4.8479	693,000.0000	4080800	1808000
129.1620 1.0310 133.1661	133.1661	57.8550 .0150	8798.	.0181 131.0000 2.3728	.0580 31.3000 1.8158	.0096 25.0000 .2388	.0623	.5257 .8000 .4205	4.8479	693,000.0000	331,605.0000	1808000
129.1620 1.0310 133.1661	133.1661	57.8550 .0150	.8678	.0181 131.0000 2.3728	.0580 31.3000 1.8158	.0096 25.0000 .2388	.0623	.5257 .8000 .4205	4.8479	693,000.0000	331,605.0000	1808000
129.9150 1.0310 133.9423	133.9423	57.8550 .0150	8678	.0183 131.0000 2.3973	,0580 31,3000 1,8158	,0104 25,0000 ,2591	.0000	,6894 ,8000 ,5515	5.0237	693,000.0000	331,605,0000	1808,000.0000
* <variable cost="">** ***<ram materials="">*** BILLET UNIT PRICE BILLET UNIT CONSUMP BILLET COST PER ROD</ram></variable>	SUB TOTAL	*** <byproduct>**** SCRAP UNIT PRICE SCRAP UNIT OPUTPUT SCRAP MINUS COST PE</byproduct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER ROO</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER ROD	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER ROD	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER ROD	WATER UNIT PRICE WATER UNIT CONSUMPT WATER COST PER ROD	SUB TOTAL VARIABLE COST TOTA	* <fixed cost="">** PRODUCTION OF ROD</fixed>	0 z	TOTAL REPAIR COST F 3
	****** 129.9150 129.1620 129.1620 129.1620 129.1620 139.1620 139.1620 130.1620 130.1620 133.161 133.16	****** 129.9150 129.1620 129.1620 129.1620 129.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1621 133.1661 133.1	129.9150 129.1620 129.1620 129.1620 129.1620 129.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1620 139.1620 133.0423 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 134.1661 133.1661 134.1661 133.1661 134.1661 133.1661 134.1661 133.1661 134.1661 133.1661 134.1661 133.1661 134.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 134.1661 133.1661 134.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 133.1661 134.1661 133.1661 134.1661 133.1661 134.1661 134.1661 133.1661 134.1661	129,9150 129,1620 129,1620 129,1620 129,1620 129,1620 130, 130, 130, 133, 9423 133,1661 133,1	129.9150	129,9150 129,1620 129,1620 129,1620 129,1620 130,1620 131,1620	ATERIALS **** ATERIALS ***** ATERIALS ****** ATERIALS ***** ATERIALS ***** ATERIALS ****** ATERIALS ***** ATERIALS ***** ATERIALS ****** ATERIALS ****** ATERIALS ****** ATERIALS ****** ATERIALS ****** ATERIAL	F COST-** IT PRIZE IT CONSUMP IT CONSUMP IT PRIZE IT PRIZE IT PRIZE IT CONSUMP IT PRIZE IT PRIZE	CONSUMP 1.0310 1.29.1620 129.1620 129.1620 129.1620 130.1620	PRINCE	CONSTANT 19, 9150 129, 1650 129, 1650 129, 1650 131, 1651 131, 1	PRICE (129, 9456) 129, 1450 129, 1450 129, 1450 130, 145

46 27817051	1064400 1098800	52.5875 49.0670 49.0670 49.0670 49.0670 50.7175	190,6857 186,2132 186,2132 186,2132 186,2132 189,1751
	1064400	49.0670	186.2132
	1064400	49.0670	186,2132 186,2132 186,2132
	1064400	49.0670	186.2132
26718646	1064400	49.0670	186.2132
26718646	174,799.7220 1064400 1064400	49.0670	186.2132
PR27907,760.2481	TOTAL OTHER FIXED C 1174,799.7220	52.5875	190.6857
78. PR.	XED C	TOTA	
ECEEDI	HER FI	COST	TOTAL
TOTAL PRECEEDING	TOTAL OT	FIXED COST	GRAND

	34.1650 1.0150 34.6775	22.2950 .4350 14.0483 29.7851 29.7851	48.7466	11.0000	.4950	.0188 110.0000 2.0657	.0581 270.0000 15.6827	.0125 7.0000 .0875	1.0000	.6093 1.3000 .7921	18.7121	66.9638	
PHASE 2	34.1650 1.0150 34.6775	32.2950 34.0483 14.0483 29.7851 .0007	48.7466	11.0000	.4950	.0188 110.0000 2.0657	.0581 270.0000 15.6827	.0125	1.0000	.6093 1.3000 .7921	18.7121	66.9638	
DRP COST ACCOUNTING SHEET PHASE	34.1650 1.0150 34.6775	32.2950 34.0483 14.0483 29.7851 .0007	48.7466	11.0000	.4950	.0188 110.0000 2.0657	.0581 270.0000 15.6827	.0125 7.0000 .0875	.0840 1.0000	.6093 1.3000 .7921	18.7121	66.9638	
DRP COST ACC	34.1650 1.0150 34.6775	32.2950 32.2950 44.550 14.0483 29.7851 .0007	48.7466	11.0000	.4950	.0188 110.0000 2.0657	.0581 270.0000 15.6827	.0125 7.0000 .0875	.0840 1.0000 .0840	.6093 1.3000 .7921	18.7121	66.9638	
	* <variable cost="">** ***<ram materials="">**** PELLET UNIT PRICE PELLET UNIT CONSUMP PELLET COST PER ORI</ram></variable>	IRON ORE UNIT PRICE IRON ORE UNIT CONSU IRON ORE COST PER D. B. LIME UNIT PRICE B. LIME UNIT CONSUM B. LIME COST PER DR	SUB TOTAL	*****BYPRODUCT>**** OXIDE FINE UNIT PRI OXIDE FINE UNIT OUT FINE MINUS COST PER	SUB TOTAL	***-drility>**** Elec. Unit Price Elec. Unit consumpt Elec. COST PER DRI	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER DRI	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER DRI	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER DRI	MATER UNIT PRICE MATER UNIT CONSUMPT MATER COST PER DRI	SUB TOTAL	VARIABLE COST T	* <fixed cost="">**</fixed>

:

80.1878	80.1878	80.1878	80.1878	TOTAL	GRAND
			13.2241	FIXED COST TOTA	FIXE
			TOTAL OTHER FIXED C 1090,672.7020	THER FIXED C	TOTAL (
7564000		7564000	TOTAL REPAIR COST F 7564,000.0000	REPAIR COST F	TOTAL
220000	220000	2200000	TOTAL SPECIAL REPAI 2200,000.0000	SPECIAL REPAI	TOTAL :
6521000	6521000		6521,000.0000	TOTAL DEPRECIATION	TOTAL
172,680.0000	172,680.0000 172,680.0000	172,680.0000	TOTAL LABOR COST FG 172,680.0000 172,680.0000 172,680.0000 172,680.0000	LABOR COST FO	TOTAL
1327000	1327000	1327000	1327,000.0000	PRODUCTION OF DRI	PRODUCT

2008 2009 2010 2010 2011	12.0000 12.0000 12.0000 12.0000 1.9800 1.9800 1.9800 23.7600 23.7600 23.7600 23.7600	23.7600 23.7600 23.7600 23.7600	2.2500 2.2500 2.2500 .2700 .2700 .2700 .6075 .6075	503.	.0188 .0188 .0188 .0188 .0188 .0188 .0188 .0188 .1.1268 1.1268 1.1268 1.1268	. 28.	. 0125 .65.0000 .5626		.6093 .6093 .6093 .6093 .6090 .6000	6.6326 6.6326 6.6326	29.7851 29.7851 29.7851 29.7851	50,000.0000 50,000.0000 50,000.0000 50,000.0000	43,750.0000 43,750.0000 43,750.0000 43,750.0000	334,000.0000 334,000.0000 334,000.0000 334,000.0000	0.0000 74,000.
* <variable cost="">** ***<raw materials="">****</raw></variable>	LIME STONE UNIT PRI LIME STONE UNIT CON LIME STONE COST PER	SUB TOTAL	*** <byproduct>**** LIME FINE UNIT PRIC LIME FINE UNIT OUTP LIME FINE MINUS COS</byproduct>	SUB TOTAL	*** <utility>**** ELEC, UNIT PRICE ELEC, UNIT CONSUMPT ELEC, COST PER BURN</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BURNT	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BURNT	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER BURN	MATER UNIT PRICE MATER UNIT CONSUMPT MATER COST PER BURN	SUB TOTAL	VARIABLE COST TOTAL	* <fixed cost="">** PRODUCTION OF BURNT S</fixed>	TOTAL LABOR COST FO 4	TOTAL DEPRECIATION 33	TOTAL SPECIAL REPAI 7

72.5465	72.5465	72.5465	72.5465	GRAND TOTAL	GRAND
45.7614	45.7614	42,7614	42.7614	FIXED COST TOTAL	FIXED
		1111111111111			
1085321	1085321	1085321	1085,320.7620	TOTAL OTHER FIXED C 1085,320.7620	TCTAL
	11111111111	PP P P P P P P P P P P P P P P P P P P			
601,000.0000	601,000.0000	601,000.0000	601,000.0000	TOTAL REPAIR COST F 601,000.0000 601,000.0000 601,000.0000 601,000.0000	TOTAL

																		•									٠		
HEET PHASE 2		56.9658	72.1200	57.8550	.1200		.0410	1.2212	205.9000	.0020	0076 646	0140	5.0030	518.8050	2.5421		766.5000	7920.	97.1250	.0013		0045.8200	6.5879	427.0000	11.1020	1,207.0000	3.00.5	747.0000	0500.
SMP COST ACCOUNTING SHEET PHASE 2009 2010	1	56.9658	72.1200	57.8550	1200 .		1691.62	1.2212	205.9000	.0020	0074 432	0160	5.0030	518.8050	2.5421		766.5000	.0767	97.1250	.0013		0045.8200	6705.0	427.0000	11.1020	1,207.0000	3.1382	747.0000	.0030
SMP COST 2009		1 0770	72.1200	57.8550	.1200	1367 00	.0410	1.2212	205.9000	.0020	XE7 7400	0770.	5.0030	518.8050	2.5421		.0001	7920	97.1250	.0013		0045.8200	6,000	427.0000	11.1020	1,207.0006	3.1382	747.0000	0030
2008	gris	1.0770	72,1200	57.8550	.1200	1382 00	.0410	1.2212	205.9000	.4118	- XK7 X600	.0140	5.0030	513.8050	2.5421		0007	.0767	97.1250	.0013		1900.	67000	427.0000	11.1020	1,207.0000	3.1382	747.0000	0030
XX Trans to the XXX	***CRAW MATERIALS AND	DRI UNIT CONSUMPTIO	COST	באלו	SCRAP COST PER BILL	1346	LIME UNIT	BURNT LIME COST PER	LIS	FLOURSPAR UNIT CONS FLOURSPAR COST PER	FE-MN LINIT DETCE	F		LIN	FE-SI COST PER BILL		AL UNIT CONSUMPTION	COST	BREEZE UNIT	COKE BREEZE UNIT CO	. סדממ דיושו ממסמדים ומ	ELECTRODE CALL PRIC	3	FETTLING MATERIALS FETTI ING MATERIALS	FETTLING MATERIALS	FURNACE BRICK UNIT	FURNACE BRICK UNIT FURNACE BRICK COST	LADLE BRICK UNIT PR	BRICK
		-																,								:			
																									٠.				
												***	- 6	568	-	•													

3.0000 713.0000 .0030 .0030 2.1390 2.1390	115.451	.8550 57.8550 .0164 .0164 .9488 .9488	9488 . 9488	.0188 .0188 .0000 731.0000 .7276 13.7276	.0581 .0581 4.0500 4.0500 .2352 .2352	.0125 .0125 7.8600 7.8600 .0983 .0983	.0840 .0840 4.0800 4.0800 .3427 .3427	.6093 .6093 2.1400 2.1400 1.3040 1.3040	078 15.7078	107 130.2107	000 1231000	1275230	600 9621600	00011711 000	423 19686423	1143597	866 35.2866	***********
713.0000	115.4517	57.8550 4010.	6.	.0188 731.0000 13.7276	0.4	0.7	9. 4.	6.5 1.3	15.7078	130.2107	1231000	1275230	9621600	11711000	19686423	1143597	35.2866	
713.0000 .0030 2.1390	115.4517	57.8550 .0164 .9488	. 9488	.0188 731.0000 13.7276	.0581 4.0500 .2352	.0125 7.8600 .0983	.0840	.6093 2.1400 1.3040	15.7078	130.2107	1231000	1275230	9621600	00011211	19686423	1143597	35.2866	17-11-1-11-11
713.0000	115.4517	57.8550 .0164 .9483	. 9438	.0188 731.0000 13.7276	.0581 4.0500 .2352	.0125 7.8600	.3427	.6093 2.1400 1.3040	15.7078	130.2107	1231,000.0000	1275,2	9621,600.0000	F11711,000.0000	19686,423.4640	1143,597.4420	35.2866	
TUNDISH BRICK UNIT TUNDISH BRICK COST	SUB TOTAL	*** <byproblct>**** SCRAP UNIT PRICE SCRAP UNIT CUTPUT SCRAP MINUS COST PE</byproblct>	SUB TOTAL	*** <utility>*** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BILL</utility>	GAS UNIT PRICE GAS UNIT CONSUMPTIO GAS COST PER BILLE	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BILLET	O2 N2 UNIT PRICE O2 N2 UNIT CONSUMPT O2 N2 COST PER BILL	MATER UNIT PRICE MATER UNIT CONSUMPT MATER COST PER BILL	SUB TOTAL	VARIABLE COST TOTA	* <fixed cost="">** PRODUCTION OF BILLE</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION	TOTAL REPAIR COST F	TOTAL PRECEEDING PR19686,423	TOTAL OTHER FIXED C	FIXED COST TOTAL	

PHASE 2 2011	130.2107	1.0420	135.6795	57.8550	.0260 1.5042	1.5042	.0188	86.0000 1.6150	.0581	1.7135	.0125	.2413	.0840	0000	.6093	.4193	3.9891	138.1644	0000	0000	1727200	2674000	
	FT.											ì				ŧ	m		427,000.0000	322,805.0000			1
BMP COST ACCOUNTING SHEET 2009 2010	130.2107	135.6795	135.6795	57.8550	.0260 1.5042	1.5042	.0188	86.0000 1.6150	.0581	1.7135	.0125	2413	.0840	0000	2609	.4193	3.9891	138.1644	427,000.0000	322,805.0000	1727200	2674000	
BMP CO: 2009	130.2107	135,6795	135.6795	57.8550	.0260	1.5042	.0188	36.0000	1050.	1.7135	.0125	2413	0840	0000	.6093	.4193	3.9891	138.1644	427,000.0000	322,805.0000	1727200	2674000	
2008	130	135.6795	135.6795	57.8550	1,5042	1.5042	.0188	86.0000	.0581	1.7135	.0125	.2413	0840	0000	2609.	.4193	3.9891	138.1644	427,000.0000	322,805.0000	1727,200.0000	2674,000.0000	# # # # # # # # # # # # # # # # # # #
0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	***CAM MATERIAS************************************		SUB TOTAL		SCRAP UNIT OUTPUT SCRAP MINUS COST PE	SUB TOTAL	ירוודי האודי	ELEC. COST PER BAR	GAS UNIT PRICE	SST	AIR UNIT PRICE	COST	O2 N2 UNIT PRICE	N2 COST	LINE.	MATER COST PER BAR	SUB TOTAL	VARIABLE COST TOTA	* <fixed cost="">** PRODUCTION OF BAR</fixed>	TOTAL LABOR COST FO	TOTAL DEPRECIATION	TOTAL REPAIR COST F 2	
	•					•																	
																			•				
									- 6	70	_												

	190.5838	190.5838	190.5838	GRAND TOTAL	GRAI
52,4194	52,4194 52,4194	52.4194	52.4194	FIXED COST TOTAL	FIX
1098403	1098403	1098403	1098,403.2820	TOTAL OTHER FIXED C 1098,403.2820	TOTAL
16560681	16560681	16560681	6560,680,6579	TOTAL PRECEEDING PRI6560,680.6579	TOTAL

166711111111			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
2928000	2928000	2928000	2928,000.0000	TOTAL REPAIR COST F
2971800	2971800	2971800	2971,800.0000	TOTAL DEPRECIATION
331,605.0000	331,605.0000	331,605.0000	331,605.0000	TOTAL LABOR COST FO
693,000.0000	693,000.0000	693,000.0000	693,000.0000	* <fixed cost="">** PRODUCTION OF ROD</fixed>
138.4575	138,4575	138.4575	138.4575	VARIABLE COST TOTA
5.0782	5.0782	5.0782	5.0782	SUB TOTAL
.4875	.4875	.4875	.4875	MAICK COST PER KOD
•		.8000	.8000	
.6093	26093	26093	26093	LIND
0000.	. 0000	0000	0000.	UZ NZ CUSI PER KUD
	•	0000	0000	N2 CAIT
0840	.0840	.0840	.0840	Lis.
.3126	.3126	.3126	.3126	AIR CUS! PER KUD
52	25.	25.0000	25.0000	
.0125	.0125	5210.	.0125	15
1.8180	1.8180	1.8180	1.8180	GAS COSI PER ROD
۱۳۱	M	31,3000	31.3000	
.0581		1850.	.0581	LIS
2.4601	2.4601	2.4601	2.4601	ELEC. CUSI PER KOD
13	13	131,0000	131.0000	
.0188		.0188	8910.	TILIT
8798.		•	.8678	SUB TOTAL
3 .8678	.8678	.8678	.8678	SCHAP MINUS CUST PE
	•	.0150		UNIT OPUTP
57.8550	57.8550	57.8550	57.8550	YPRODL
134.2472	134.2472	134.2472	134.2472	SUB TOTAL
134.2472	134,2472	134.2472	134.2472	BILLET COST PER ROD
	•			125
13	E	13	13	BILLET UNIT PRICE
2011	20102		8007	* <variable cost="">**</variable>
SHEET PH	RMP COST ACCOUNTING			

26877170	1098800	49.3613	187.8188
26877170	1098800	49.3613	187.8188
26877170	1098800	49.3613	
TOTAL PRECEEDING PR26877,170.2481	TOTAL OTHER FIXED C 1098,799.7220	49.3613	187.8188
KG PR2	CED C	TOTA	
ECEEDIA	HER FIX	FIXED COST TOTA	GRAND TOTAL
TOTAL PR	TOTAL OF	FIXED	GRAND

INPUT: QUIT

Table 9-20 Manufacturing Cost (Case III: With Expansion)

	DRP COST ACCOUNTING	SHEET	PHASE 2	1 890	1991	6 0 0	1000
* <variable cost="">**</variable>		3			1	1	*****
*** <raw materialsy***<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></raw>							
	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650	34.1650
	1.0150	I.0150	1.0150	1.0150	1.0150	1.0150	1.0150
PELLET COST PER DRI	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775	34.6775
IRON ORE UNIT PRICE	32.2950	70 0 0 0 C C C C C C C C C C C C C C C C	72.29E0	32.2950	32.2950	32.2950	42.29E
NIT C	4550	6350	4350	4350	.4350	4350	4350
IRON ORE COST PER D	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483	14.0483
	07F7 OF		1 11207 00	1207 00	1207 00	07.77. 06	****
LINE ONL! FRI	0000	6969.67	1470.67	7.000	1676.67	0/4/.07	1407.07
1 kg	.0213	.0208	.0207	.0207	.0207	.0201	.0198
				1			
SUB TOTAL	48,7471	48.7466	48.7465	48.7465	48.7465	48,7459	48.7456
*** <byproduct>***</byproduct>) 				
LINS	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000	11.0000
	.0450	.0450	.0450	.0450	.0450	.0450	.0450
FINE MINUS COST PER	.4950	.4950	.4950	.4950	.4950	.4950	.4950
SUB TOTAL	.4950	.4950	.4950	.4950	.4950	.4950	.4950
***<							
LIS.	0219	.0209	.0207	,020,	0207	.0199	9610.
ELEC. UNIT CONSUMPT	110,0000	110.0000	110.0000	0000.011	2 2784	110.0000	110.0000
ELEU. CUSI PER UKI	2+04.7	45,27	2.2761	90/7:2	00/7'7		5.1555
GAS UNIT PRICE	.0387	.0385	.0385	.0385	.0385	.0383	.0382
GAS UNIT CONSUMPTIO	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000	270.0000
GAS COST PER DRI	10.4379	10.4076	10.4065	10.4065	10.4065	10.3440	10.3256
AIR UNIT PRICE	.0277	.0202	.0194	.0194	5610	.0167	.0153
	7.0000	7,0000	7.0000	7.0000	7.0000	7.0000	7,0000
	.1939	1411	.1359	.1358	.1358	.1170	.1070
O2 N2 UNIT PRICE	.1854	1570	.1534	.1534	.1534	1211.	3860.
OZ NZ UNIT CONSUMPT	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
OZ NZ COST PER DRI	.1854	.1570	.1534	.1534	.1534	.1131	.0985
MATER UNIT PRICE	. 7893	.6841	.6728	.6728	.6728	. 9457	.8291
LIND	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000	1.3000
COST PER	1.0261	.8893	.8746	.8746	.8746	1.2294	1.0779
SUB TOTAL	14.2472	13.8885	13.8491	13.8489	13.8489	13.9917	13.7443
VARIABLE COST T	62.4993	62.1401	62.1007	62.1004	62,1004	62,2426	61.9949
* <fixed cost="">**</fixed>							

78.2443	79.8941	77.2076	77.2076	77.2079	77.2473	79.5628	TOTAL	GRAND
	17.6514	15.1072	-	1			FIXED COST TOTA	FIXE
3 1225773	1225773	910,538.8580	910,538.8580	910,538.8580	910,538.8580	TOTAL OTHER FIXED C 1210,385.2624 910,538.8580 910,538.8580 910,538.8580	THER FIXED C	TOTAL C
0 6980000	4980000	2583000	2583000	2583000	2583000	TOTAL REPAIR COST F 3444,000.0000	REPAIR COST F	TOTAL R
	220000	150000			150000	REPAT 2000,000.0000	TOTAL SPECIAL REPAI	TOTAL S
0 12984500	11173500	5743500	5743500	5743500	5743500	7658,000.0000	TOTAL DEPRECIATION	TOTAL D
0 172,680.000	172,680.0000	79,700.0000	106,266.6667 79,700.0000 79,700.0000 79,700.0000 79,700.0000 172,680.0000 172,680.0000	79,700.0000	79,700.0000	106,266.6667	TOTAL LABOR COST FO	TOTAL L
0 1327000	1119000	716,000,0000	845,000.0000 716,000.0000 716,000.0000 716,000.0000 716,000.0000	716,000.0000	716,000.0000	845,000.0000	PRODUCTION OF DRI	PRODUCT

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1993	12.0000 1.9800 23.7600	23.7600	2.2500	. 2700	.6075	.0194	.0382	3.2507		0000	1628. 1620. 1630.	5.1116	28.2641	43,750.0000	663,800.0000	74,006,000
1992	12.0000 1.9800 23.7600	23.7600	2.2500	.2700	.6075	,0199 62,0000 1,2334	.0383	3.3331	.0167 61.0000 1.0193	1211.	. 9457	5.5953	28.7478	43,750.0000	668,800.0000	0000.00047
1661	12.0000 1.9800 23.7600	23.7600	2.2500	.2700	.6075	.0207	.0385	3.4688	.0194 85.0000 1,6486	.0000	. 6728	6.4706	29.6231	40,740.0000	668,800.0000	90,000,000
SHEET PHASE 2 1990	12,0000 1,9800 23,7600	23.7600	2.2500	.2700	.6075	.0207	.0385	3.4688	.0194 85.0000 1,6486	.0000	. 6728 . 0100	6.4706	29.6231	40,740,0000	668,800.0000	0000000000
LCP COST ACCOUNTING 1988 1989	12.0000 1.9800 23.7600	23.7600	2.2500	.6075	.6075	.0207	.0385	3.4688	.0194 85.0000 1.6501	. 1534	.6728 .0100	6.4722	29.6247	40,740.0000	0000.008,899	00000000
1988 1988	12.0000 1.9800 23.7600	23.7600	2.2500	.2700	5209*	.0209 65.0000 1.3553	.0385	3.4692	.0202 85.0000 1.7131	.0000	. 6841 . 00100	6.5444	29.6969	40,740.0000	668,800.0000	200000000000000000000000000000000000000
1987	12.0000 1.9800 23.7600	23.7600	2.2500	.6075	.6075	.0219	.0387	3,4793	.0277 .0277 85.0000 2,3546	1854	. 7893 . 00100 . 0079	7.2623	30.4148		891,700.0000	2000-000-000
**************************************	****CAM MATERIALS>**** LIME STONE UNIT PRI LIME STONE UNIT CON LIME STONE COST PER	SUB TOTAL	*** <byproduct>*** LIME FINE UNIT PRIC</byproduct>	LIME FINE UNIT OUTP	SUB TOTAL	****CUTILITY>**** ELEC. UNIT PRICE ELEC. UNIT CONSUMPT ELEC. COST PER BURN	GAS UNIT PRICE	SOS	AIR UNIT PRICE AIR UNIT CONSUMPTIO AIR COST PER BURNT	NZ UNI	TER UNIT	SUB TOTAL	** ** ** ** ** ** ** ** ** ** ** ** **	TOTAL LABOR COST FO	TOTAL DEPRECIATION	O'AL STECTAL NEVAL

300,000,000		1220421	*******	46.1394		74.4035
300,000.0000	tilling process and the substitute of the substi	1220421		52.4312		81.1789
300,000.0000		908,788.3280	testistism traditions systems trades and the state of the	58.1861		87.8092
300,000.0000		908,788.3280	*************	58.1861	111111111111111111111111111111111111111	87.8092
300,000,000		908,788.3280		58.1861		87.8108
300,000,000		908,788.3280		59,9493		89.6462
TOTAL REPAIR COST F 400,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000.0000 300,000.0000		FIXED C 1208,051.2300 908,788.3280 908,788.3280 908,788.3280 908,788.3280		71.1911		101,6059
F.		ပ မျှ				
800		FIXE S		TOTAL		
REPAIR		OTHER		COST		TOTAL
TOTAL		TOTAL OTHER FIXE		FIXED		GRAND TOTAL

1993 61.9949 1.0770	57.8550	28.2641 .0410 1.1588	205.9000 .0020	357,3600 .0140 5.0030	518.8050 .0049 2.5421	796.5000 .0001	97.1250 .0013 .1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3.1382	747.0000
1992 62.2426 1,0330	57.8550 1590 9.1989	28.7478 .0410 1.1787	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250 .0013 .1263	2,045.8200 .0041 8.3879	427,0000 .0260 11,1020	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410
1991 62.1004	57.8550 .3040 17.5879	29.6231 .0410 1.2145	205.9000 .0020	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000	97.1250 .0013 .1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207,6000 .0026 3,1382	747.0000 .0030 2.2410
HEET PHASE 2 1990 62,1004 8720 64,1414	57.8550 .3040 17.5879	29.6231 .0410 1.2145	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001 .0767	97.1250 .0013 .1263	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207,0000 .0026 3.1382	747.0000 .0030 2.2410
SMP COST ACCOUNTING SHEET PHASE 1988 1990 2.1401 62.1007 62.1000 8.870 6.1500 1872 6.1510	57.8550 .3040 .17.5879	29.6247 .0410 1.2146	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 .0001	97.1250 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1620	1,207.0000 .0026 3.1382	747.0000 .0030 2.2410
SMP COST 1988 1988 62.1401 8970	57.8550 .2810 16.2573	29.6969 .0410 1.2176	205.9000	357.3600 .0140 5.0030	518.8050 .0049 2.5421	766.5000 10001	97.1250 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000 .0026 3,1382	747.0000
1987 SUPPLIES>**** 62,4993 F9 1840	57.8550 .2370 13.7116	30,4148 .0410 1.2470	205.9000 .0020 .4118	357.3600 .0140 5.0030	518.8050 .0049 2.5421	794.5000 .0001	97.1250 .0013	2,045.8200 .0041 8.3879	427.0000 .0260 11.1020	1,207.0000	747.0000 .0030 2.2410
1987 ** <variable cdst="">** ***<raw and="" materials="" supplies="">**** DRI UNIT PRICE 62.4993 DRI UNIT CONSUMPTIO .9470 DRI COST BER RILLET ES 1869</raw></variable>	9 4 4 10 5 6	BURNT LIME UNIT PRI BURNT LIME COST PER	FLOURSPAR UNIT PRIC FLOURSPAR UNIT CONS FLOURSPAR COST PER	FE-MN UNIT PRICE FE-MN UNIT CONSUMPT FE-MN COST PER BILL	FE-SI UNIT PRICE FE-SI UNIT CONSUMPT FE-SI COST PER BILL	AL UNIT PRICE AL UNIT CONSUMPTION AL COST PER BILLRT	COKE BREEZE UNIT PR COKE BREEZE UNIT CO COKE BREEZE COST PE	ELECTRODE UNIT PRIC ELECTRODE UNIT CONS ELECTRODE COST PER	FETTLING MATERIALS FETTLING MATERIALS FETTLING MATERIALS	FURNACE BRICK UNIT FURNACE BRICK UNIT FURNACE BRICK COST	LADLE BRICK UNIT PR LADLE BRICK UNIT CO LADLE BRICK COST PE