

SOUTH JACKSON MINE - 1922.

The product for the year was 16,101 tons.

Orders to open the pit were received on May 16th and loading started on the 19th. The product for this month, which amounted to 5,386 tons, came from the Southwest and South sides. In June the shovel was first moved to the Northeast end of the pit and later to a new cut which was started in the Southwest end. During this month 6,520 tons were loaded. The mine was shut down on June 17th.

On September 15th the pit was reopened and 4,195 tons loaded, the work being stopped on the 27th instant. This completed the loading for the season, after which the steam shovel and dinky engine were moved to the Hard Ore Shops for repairs.

In the latter part of June and early in July, two men were employed in making repairs to the drainage tunnel which runs beneath the pit.

ESTIMATE OF ORE RESERVES OF DECEMBER 31, 1922.

Above present pit available by present system of mining:

On Southwest side - - - - -	35,000 tons,
North of Lucy Pit - - - - -	7,000 "
South and Southwest of Lucy Pit - - - - -	<u>3,000 "</u>
Total -	45,000 tons.

Below present pit and above drainage tunnel available by milling:

West of Crusher - - - - -	186,000 tons,
Area below bottom present pit by churn drilling - -	<u>149,300 "</u>
Total -	335,300 tons.
GRAND TOTAL -	380,300 tons.

ANALYSIS

	<u>IRON</u>	<u>PHOS.</u>	<u>SUL.</u>	<u>MANG.</u>	<u>MOIST.</u>	<u>SIL.</u>
Natural	36.83	.066	.010	2.00	7.00	31.56

~~Patent~~ Bond
MADE IN U.S.A.

SOUTH JACKSON MINE

AVERAGE MINE ANALYSIS ON OUTPUT FOR YEAR 1922.

GRADE	IRON	PHOS.	SILICA	MANG.
So. Jackson,	39.05	.068	33.58	2.24

AVERAGE ANALYSIS ON STRAIGHT CARGOES FOR YEAR 1922.

GRADE	Mine			Lake Erie		
	IRON	PHOS.	SILICA	MANG.	IRON	MOIST. MANG.
So. Jackson,	39.01	.070	33.30	2.33	39.77	7.20 2.61

ORE STATEMENT AND SHIPMENTS FOR YEAR 1922.

	YEAR	LAST YEAR
Output for Year,	16,101	4,677
Shipments,	16,101	4,677
Balance on Hand,	-	-
Increase in Output,	11,424	
Increase in Shipments,	11,424	

- 1922 -- Idle Jan. 1st to May 18th, 1922.
- 1-8 Hour Shift, May 19th to June 18th, 1922.
- Idle June 18th to Sept. 15th, 1922.
- 1-8 Hour Shift, Sept. 15th to Sept. 28th, 1922.
- Idle Sept. 29th to Dec. 31st, 1922.

- 1921 -- Idle Jan. 1st to Sept. 27th, 1921.
- 1-10 Hour Shift Sept. 27th to Oct. 14th, 1921.
- Idle Oct. 14th to Dec. 31st, 1921.

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SOUTH JACKSON MINE

COMPARATIVE MINING COST FOR YEAR

	1 9 2 2	1 9 2 1	INCREASE	DECREASE
PRODUCT	16,101	4,677	11,424	
Open Pit Costs	.398	.726		.328
General Mine Accounts	.025	.054		.029
Cost of Production	.423	.780		.357
Original Cost	.803	.803		
Plant Account		.046		.046
Taxes	.271	1.198		.927
Central Office	.013	.024		.011
Contingent Expense	.003	.003		
Cost Adjustment	.035	.167		.132
Winter Expense	.129	/190		.061
Total Cost on Cars	1.677	3.211		1.534
No. Days Operating	35	12	23	
No. Hours & Shifts	1-10	1-10		
Avg. Daily Product	460	390	70	
<u>COST OF PRODUCTION</u>				
Labor	.215	.279		.064
Supplies	.208	.501		.293
Total	.423	.780		.357

SOUTH JACKSON MINE

COMPARATIVE WAGES AND PRODUCT

	1 9 2 2	1 9 2 1	INCREASE	DECREASE
PRODUCT	16,101	4,677	11,424	
No.Shifts & Hours	1-10hr	1-10hr		
AVG. NO. MEN WORKING				
Surface	2	5		3
Underground(Pit)	11	7	4	
Total	13	12	1	
AVG. WAGES PER DAY				
Surface	4.04	4.39		.35
Underground	4.20	4.16	.04	
Total	4.18	4.28		.10
WAGES PER MO. OF 25 DAYS				
Surface	101.00	109.75		8.75
Underground	105.00	104.00	1.00	
Total	104.50	107.00		2.50
PRODUCT PER MAN PER DAY				
Surface	179.40	34.26	45.14	
Underground	26.60	39.14		12.54
Total	23.17	18.27	4.90	
LABOR COST PER TON				
Surface	.022	.128		.106
Underground	.158	.106	.052	
Total	.180	.234		.054
TOTAL NO. OF DAYS				
Surface	89-3/4	136 1/2		46-3/4
Underground	605	119 1/2	485-3/4	
Total	695	256	439	
AMOUNT FOR LABOR				
Surface	362.75	599.26		236.51
Underground	2540.42	497.32	2043.10	
Total	2903.17	1096.58	1806.59	

1921 - Mine only operated 12 days with 5 men surface and 7 men in pit.
 1922 - " " 35 " 2 " " 11 " "