

SOUTH JACKSON MINE - 1923.

The product for the year was 12,812 tons.

Orders to open the pit were received the latter part of May. Loading started on the 29th, continued through June and was finished on July 2nd.

The ore all came from a cut along the North side of the pit.

After the pit was shut down a crew of three men was employed two weeks scraping back waste material from the bank at the Northeast end of the pit.

The Captain and one man repaired the drainage tunnel under the County Road in July.

ESTIMATE OF ORE RESERVES OF DECEMBER 31, 1923.

Above present pit available by present system of mining:

On Southwest side - - - - -	35,000 tons,
North of Lucy Pit - - - - -	5,000 "
South and Southwest of Lucy Pit - - - - -	<u>3,000 "</u>
Total -	43,000 tons.

Below present pit and above drainage tunnel available by milling:

West of Crusher - - - - -	186,000 tons,
Area below bottom of present pit shown by churn drilling - - - - -	<u>138,488 "</u>
Total -	324,488 tons.

GRAND TOTAL - 367,488 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

SOUTH JACKSON MINE

AVERAGE MINE ANALYSIS ON OUTPUT FOR YEAR 1923.

GRADE	IRON	PHOS.	SILICA	MANG.
So. Jackson,	38.54	.034	36.72	2.12

AVERAGE ANALYSIS ON STRAIGHT CARGOES FOR YEAR 1923.

GRADE	Mine			Lake Erie		
	IRON	PHOS.	SILICA MANG.	IRON	MOIST.	MANG.
So. Jackson,	38.13	.032	37.82	2.10	36.98	6.90 2.73

ORE STATEMENT AND SHIPMENTS FOR YEAR 1923.

	YEAR	LAST YEAR
Output for Year,	12,812	16,101
Shipments,	12,812	16,101
Balance on Hand,	-	-
Decrease in Output,	3,289	
Decrease in Shipments,	3,289	

- 1923 -- Mine Idle, Jan. 1st to May 28th, 1923.
 1-8 Hour Shift, May 29th to July 2nd, 1923.
 Mine Idle, July 3rd, 1923 to Dec. 31st, 1923.
- 1922 -- Mine Idle, Jan. 1st to May 18th, 1922.
 1-8 Hour Shift, May 19th to June 18th, 1922.
 Mine Idle, June 18th to Sept. 15th, 1922.
 1-8 Hour Shift, Sept. 15th to Sept. 28th, 1922.
 Mine Idle Sec. 29th to Dec. 31st, 1922.

SOUTH JACKSON MINE

COMPARATIVE MINING COST FOR YEAR

	1923	1922	INCREASE	DECREASE
PRODUCT		16,101		16,101
Open Pit Costs	.521	.398	.123	
General Mine Accounts	.034	.025	.009	
Cost of Production	.555	.423	.132	
Original Cost	.803	.803		
Taxes	.354	.271	.083	
Central Office	.013	.013		
Contingent Expense	.002	.003		.001
Cost Adjustment	.033	.035		.002
Winter Expense	.163	.129	.034	
Total Cost on Cars	1.923	1.677	.246	
No. Days Operating	28	35		7
No. Hours & Shifts	1-10	1-10		
Avg. Daily Product	548	460	88	
<u>COST OF PRODUCTION</u>				
Labor	.265	.215	.050	
Supplies	.290	.208	.082	
Total	.555	.423	.132	

SOUTH JACKSON MINE

COMPARATIVE WAGES AND PRODUCT

	1 9 2 3	1 9 2 2	INCREASE	DECREASE
PRODUCT	12,812	16,101		3,289
No.Shifts & Hours	1-10hr	1-10hr		
AVG.NO.MEN WORKING				
Surface	1 $\frac{1}{2}$	2		$\frac{1}{2}$
Underground (Pit)	8 $\frac{1}{2}$	11		2 $\frac{1}{2}$
Total	10	13		3
AVG.WAGES PER DAY				
Surface	4.91	4.04	.87	
Underground	4.93	4.20	.73	
Total	4.93	4.18	.85	
WAGES PER MO.of 25 DAYS				
Surface	122.75	101.00	21.75	
Underground	123.25	105.00	18.25	
Total	123.25	104.50	18.75	
PRODUCT PER MAN PER DAY				
Surface	453.54	179.40	274.14	
Underground	26.50	26.60		.10
Total	25.03	23.17	1.86	
LABOR COST PER TON				
Surface	.011	.022		.011
Underground	.186	.158	.028	
Total	.197	.180	.017	
TOTAL NO.OF DAYS				
Surface	28 $\frac{1}{4}$	89-3/4		61 $\frac{1}{2}$
Underground	483 $\frac{1}{2}$	605		121 $\frac{1}{2}$
Total	511-3/4	695		183 $\frac{1}{4}$
AMOUNT FOR LABOR				
Surface	138.80	362.75		223.95
Underground	2385.58	2540.42		154.84
Total	2524.38	2903.17		378.79

1922 - Mine only operated 35 days with 2 men surface and 11 in pit.
 1923 - Mine only operated 28 days: from May 29th to July 2nd.

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