

MORRIS-LLOYD MINE

CONSOLIDATED ORE STATEMENT - DECEMBER 31ST, 1914

	MORRIS BESS.	MORRIS	MORRIS SILICA	NO. LAKE BESS.	NORTH LAKE	NO. LAKE SILICA	TOTAL	TOTAL LAST YEAR
On Hand Jany. 1, 1914	7,035	2,913	12,741	9,381	12,097	120,962	165,129	143,189
Output for Year,	31,776	5,606	25,174	34,349	10,297	84,943	192,145	176,080
TOTAL,	38,811	8,519	37,915	43,730	22,394	205,905	357,274	319,269
Shipments,	11,565	617	16,881	18,716	13,056	91,438	152,273	154,140
Balance on Hand,	27,246	7,902	21,034	25,014	9,338	114,467	205,001	165,129
Increase in Output - 9%							16,065	
Increase in Ore on Hand							39,872	

2-8 Hr. Shifts during Years 1913 and 1914.

CONSOLIDATED STATEMENT OF SHIPMENTS FOR YEAR---1914

	POCKET	STOCKPILE	TOTAL	TOTAL LAST YEAR
Morris Bessemer,	11,565		11,565	14,092
Morris,	617		617	1,060
Morris Silica,	7,337	9,544	16,881	3,242
North Lake Bessemer,	13,376	5,340	18,716	44,604
North Lake,	1,560	11,496	13,056	17,916
North Lake Silica,	44,391	47,047	91,438	73,226
Total,	78,846	73,427	152,273	154,140
Total Last Year,	91,121	63,019	154,140	
Decrease - 1.2%			1,867	

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COMPARATIVE AVERAGE WAGES AND PRODUCT.

PRODUCT '14 192,145 Tons.	SURFACE		UNDERGROUND		TOTAL	
	1914	1913	1914	1913	1914	1913
PRODUCT '13 176,080 "						
Avg. no. men working	44	36	199	146	243	182
Avg. wages per day	2.39	2.48	2.85	2.90	2.77	2.82
Avg. wages per mo. 25 days	59.75	62.00	71.25	72.50	69.25	70.50
Avg. product per man per day	13.86	15.74	3.10	3.87	2.53	3.10
Labor Cost per ton	.172	.157	.920	.751	1.092	.908
Diff. in labor cost per ton	+.015	+.034	+.169	+.103	+.184	+.137
Avg. product breakg. & trng.			5.62	5.70		
Avg. wages for miners contr.			2.93	2.97		
Total avg. wages for contract			2.93	2.97		

	1914	1913	INCREASE	DECREASE
<u>SURFACE</u>				
Total Number of Days	13,861	11,198-3/4	2,662 1/4	
Average Rate	2.39	2.48		.09
<u>Amount</u>	33,107.04	27,722.41	5,384.63	
<u>UNDERGROUND</u>				
Total Number of Days	62,055 1/4	45,502	16,553 1/4	
Average Rate	2.85	2.90		.05
<u>Amount</u>	176,785.58	132,125.25	44,660.33	
Total Days	75,916 1/4	56,700-3/4	19,215 1/2	
Average Rate	2.77	2.82		.05
<u>Total Amount</u>	209,892.62	159,847.66	50,044.96	
Labor Cost per ton	1.092	.908	.184	

No. Shifts and hours

2-8hr

2-8hr

Tons per man per day, SURFACE DECREASE 1.88 Tons - 11.9%
 UNDERGROUND " .77 " - 19.7%
 TOTAL " .57 " - 18.4%

Proportion Surface to Underground Men: 1914 - 1 to 4.48
 1913 - 1 to 4.05
 1912 - 1 to 4.37
 1911 - 1 to 4.06

Decrease Wages per Day: Surface - .09 - 3.6%
 Underg. - .05 - 1.7%
 Total - .05 - 1.77%

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TIMBER STATEMENT FOR THE YEAR ENDING DECEMBER 31, 1914.

KIND.	LINEAL FEET.	AVG. PRICE PER FOOT.	AMOUNT 1914	AMOUNT 1913
6" to 8" Timber	127,066	.021	2,670.01	1,657.90
8" to 10" "	42,226	.042	1,790.73	1,317.17
10" to 12" "	35,035	.06	2,138.81	1,075.03
12" to 14" "	13,765	.08 $\frac{1}{4}$	1,135.62	667.83
Total 1914	218,092	.035	7,735.17	
Total 1913	140,737	.0335		4,717.93
	LINEAL FEET.	PER 100'	1914	1913
5' Lagging	504,900	.477	2,410.33	2,264.00
7' "	37,888	.55	208.39	110.88
8' "	147,412	.56	983.15	854.18
Total lagging	690,200	.52	3,601.87	3,229.06
Poles	103,852	.96	998.07	447.17
Total 1914	794,052	.579	4,599.94	
Total 1913	700,904	.525		3,676.23
			1914	1913
Feet Timber per ton of ore			1,135	.799
Feet Lagging per ton of ore			3.59	3.71
Feet Lagging per foot of timber			3.16	4.64
Cost per ton for timber, lagging, poles			.064	.048
Equivalent of stull timber to board measure			394,709	243,390
Feet board measure per ton of ore			2.05	1.38
Total Product			192,145	176,080
Total cost of timber and lagging - 1914				12,335.11
Total cost of timber and lagging - 1913				8,394.16
Total cost of timber and lagging - 1912				6,634.06
Total cost of timber and lagging - 1911				6,001.30

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STATEMENT OF EXPLOSIVES USED FOR BREAKING ORE.

KIND.	QUANTITY.	AVERAGE PRICE	AMOUNT	
			1 9 1 4	1 9 1 3
40% Powder	104,160	.096	9,995.25	8,098.50
50% "	5,450	.10½	583.25	1,892.00
80% " Giant	3,612	.14	506.00	300.69
Total Powder	113,222	.0975	11,084.50	10,291.19
Fuse	270,290	3.84	1,037.49	847.66
Caps	61,500	6.11	375.85	284.97
Cap Crimpers	48	25	12.15	9.15
Fuse Lighters				1.00
Electric Exploders				.75
Tamping Bags				5.28
Connecting Wire	1	.30	.30	4.38
Total fuse, etc.			1,425.79	1,153.19
Grand Total			12,510.29	11,444.38
Product			192,145	176,080
Pounds Powder per ton Ore			.589	.619
Cost per ton for Powder			.058	.058
Cost per ton for fuse, etc.,			.007	.007
Cost per ton for explosives			.065	.065
Avg. price per lb. for powder			.0975	.0944