

PRINCETON MINE

The product for the year was as follows:

Cambridge,	122 tons,
Rock,	<u>2,711</u> "
Total Ore & Rock,	2,833 "

17,171 tons were shipped from Stockpile.

THE MINE

WORK FOR THE YEAR

The work at the Princeton Mine was confined to sinking No. 2 Shaft and repairing main level drifts.

The 5th level plat was retimbered and the traveling road from No. 2 to No. 1 shafts repaired.

Sinking No. 2 Shaft was started February 5th and continued the greater part of the year. During the year the shaft was sunk 131 feet, ground excavated for 6th level plat and pockets constructed. Ground was also excavated on East side of shaft for 7th level pocket and on East side of shaft at an elevation of the Eighth level.

Seventeen sets of timber were installed in the shaft below the 6th level.

The mean sea elevation of the bottom of the shaft at the present time is 675.47 or 555.89 feet below the collar.

WORK FOR DECEMBER

No. 2 Shaft was sunk 12 feet and two sets of timber installed.

PRINCETON MINE

AVERAGE MINE ANALYSIS OF OUTPUT FOR YEAR-1915

GRADE	IRON	PHOS.	SILICA	MANG.
Cambridge,	55.24	.876	7.15	1.047

AVERAGE ANALYSIS ON STRAIGHT CARGOES FOR YEAR-1915

GRADE	
Princeton Bessemer,	No Shipments
Princeton,	" "
Cambridge,	All Mixed

ORE STATEMENT - DECEMBER 31ST, 1915

	PRINCETON BESSEMER	PRINCETON	CAMBRIDGE	TOTAL	TOTAL LAST YEAR
On Hand Jany. 1st, 1915,	0	0	171,842	171,842	182,193
Stockpile Overrun,					2,488
Output for Year,	0	0	122	122	768
Total,	0	0	171,964	171,964	185,449
Shipments,	0	0	17,171	17,171	13,607
Balance on Hand,	0	0	154,793	154,793	171,842
Decrease in Ore on Hand,				17,049	

Mine idle during 1914 & 1915.

The 122 tons shown as output was sent to surface by the few men engaged in keeping drifts open.

PRINCETON MINE

SHIPMENTS FOR YEAR--1915.

GRADE	POCKET	STOCKPILE	TOTAL	TOTAL LAST YEAR
Princeton Bessemer,				2,767
Princeton,				10,840
Cambridge,		17,171	17,171	0
Total,		17,171	17,171	13,607
Total Last Year,		13,607	13,607	
Increase - 26%			3,564	

PRINCETON MINE.

COMPARATIVE WAGES AND PRODUCT.

	1915.	1914.	INCREASE.	DECREASE.																																					
<u>PRODUCT</u>	122	3,256		3,134																																					
No.Shifts and Hours	2-8hr	2-8hr																																							
<u>AVERAGE NUMBER MEN WORKING</u>																																									
Surface	4	4																																							
Underground	5	6		1																																					
Total	9	10		1																																					
<u>AVERAGE WAGES PER DAY</u>																																									
Surface	2.47	2.76		.29 See below																																					
Underground	2.50	3.25		.75 "																																					
Total	2.78	3.04		.26 "																																					
<u>WAGES PER MONTH OF 25 DAYS</u>																																									
Surface	61.75	69.00		7.25																																					
Underground	62.50	81.25		18.75																																					
Total	69.50	76.00		6.50																																					
<u>TOTAL NUMBER OF DAYS (surface)</u>																																									
Surface	1,485 $\frac{3}{4}$	1,394 $\frac{1}{2}$	91 $\frac{1}{4}$																																						
Underground	1,629 $\frac{3}{4}$	1,833 $\frac{3}{4}$		204																																					
Total	3,115 $\frac{1}{2}$	3,228 $\frac{1}{4}$		112 $\frac{3}{4}$																																					
<u>AMOUNT FOR LABOR</u>																																									
Surface	3,675.19	3,853.88		178.69																																					
Underground	4,991.31	5,966.59		975.28																																					
Total	8,666.50	9,820.47		1,153.97																																					
<p>Prop. Surface to Underground Men:                      <u>AVERAGE WAGES PER DAY.</u></p> <table> <thead> <tr> <th></th> <th>DAYS</th> <th>AMOUNT</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>1915-1 to 1.25</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1914-1 to 1.31</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1913-1 to 3.13</td> <td>As shown above</td> <td>3,115<math>\frac{1}{2}</math></td> <td>8,666.50</td> <td>2.78</td> </tr> <tr> <td>1912-1 to 4.69</td> <td>Development (Const)</td> <td>866</td> <td>2,660.80</td> <td>3.07</td> </tr> <tr> <td>1911-1 to 4.18</td> <td>Total</td> <td>3,981<math>\frac{1}{2}</math></td> <td>11,327.30</td> <td>2.84</td> </tr> <tr> <td></td> <td>Rate last yr.Total avg.</td> <td></td> <td></td> <td>3.04</td> </tr> <tr> <td></td> <td>Actual decrease," "</td> <td></td> <td></td> <td>.20</td> </tr> </tbody> </table> <p>Decrease in rates as shown above is misleading on account development in 1915 not being included. The table shows actual decrease of .20, considering all labor for year.</p>						DAYS	AMOUNT	RATE	1915-1 to 1.25				1914-1 to 1.31				1913-1 to 3.13	As shown above	3,115 $\frac{1}{2}$	8,666.50	2.78	1912-1 to 4.69	Development (Const)	866	2,660.80	3.07	1911-1 to 4.18	Total	3,981 $\frac{1}{2}$	11,327.30	2.84		Rate last yr.Total avg.			3.04		Actual decrease," "			.20
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