

Cost of Manufacturing & Selling  
 Powder exclusive of Gallipeta Soda & Sulphur

Wagon \$93,833.80 ÷ 75,771 bags = cts per bag \$1.28.8

Wagon \$1011,287.78 ÷ 140,400 " = 71.43

Freight - - - - - 5.00  
 Magazining 1.00  
 Expenses delivery 8.25

Commissions 10.58 = cts per bag = 96.26

Brandymine - Wagon; as part was spent, we have the  
 total packed in Blasting, as follows

Total packed of all kinds 288,582 1/2  
 In Port counting double hence to be added 56,720 1/2  
 Coals counted triple hence double & added 10,590 1/2  
 355,893 1/2

Total Wagon excluding salaries 130,188.36 ÷ 355,893 = 36.58 cts

Cost of Supplies from factory account + 2088.68 + 3000 cask

Factory account \$563,066.79 from which deduct premium  
 on gold on 82259.76 of Gallipeta @ 5 cts per lb @ 1st out, & 15% premium

premium 10,238.95 currency } = 23,890.95 & on Net Sale of

Duties 13,652.00 currency } Soda Gold premium -

@ 15% - 26,801.15  
 \$50,692.10

Or

\$ 563,066.79
+ 12,688.68
<hr/> 575,755.47
355,893
<hr/> 219,862.47
50,692.10
<hr/> 169,170.37
355,893
<hr/> 164,170.37
142,357.2
<hr/> 26,813.17
24,812.51
<hr/> 1,900.660
1,779.465
<hr/> 121,195.0

( 147.53 )

To this we must add wages = 36.58 cts

Factory

147.53  

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\$ 1.84.11 per key

As they stand this cost of manufacturing a key of Power exclusive of Nibbles & Galleys

Brandywine	\$ 1.84.11/100
Wलय Ho	1.23 <sup>8</sup> / <sub>10</sub>
Wapnallepen	.96 <sup>24</sup> / <sub>100</sub>
Soflin Manuf Co	.78 <sup>8</sup> / <sub>10</sub>

In looking at these figures in the reverse order we have 1<sup>st</sup> the Soflin Man Co this is managed with great closeness and not one cent spent in improvements of any kind on the real estate which is leased and I doubt very much if a power mill can be administered more economically than this I do not refer to Macking but merely to administration -

2<sup>nd</sup> Wapnallepen - These mill have been run at a cost of  
1870 - 9.9 <sup>1</sup>/<sub>10</sub> - 1871 = 9.8 <sup>5</sup>/<sub>10</sub> - 1872 - 1.02 <sup>7</sup>/<sub>10</sub> - 1873 1.07 cts

1874 -  $1.03\frac{6}{10}$  and 1875 at  $96\frac{26}{100}$

Now I will say for Wep that in these years we have spent a considerable amount of money to prepare for a war with Boie if it has to come - and have built a set of mill with a capacity of over 1000 days per day, and rebuilt all our dams new bridges &c and in 1876 hope to come pretty near the Lipton Manufacturing Co -

3rd N. A. Welby & Co. His items are large and swelled by the fact of putting up 2 heavy sets of Rells - 5 Siffel waterwheels and other improvements which have been charged to powder say 4000 for Rells and 800 each for water wheels = 8000.00 which on a fabrication of 75000 is nearly 11 cts per key and beside having no capital except 24000 & surplus he has borrowed from the Govt out 120,000 which at 6% is 8400, or 12 cts per key, these two items seem 123.8 to  $100\frac{6}{10}$  cts

4th Now let us look at Brandywine - with an enormous expenditure of 525063 \$ exclusive of Iowa Lipton Manate of Potash Charcoal & Sulphur as well as Gunpowder bought, Premiums on Gold, rents received and interest Stocks, bonds, purchases of Real Estate &c &c

Having thus described what it does not include let us look

at some of the items it includes viz

Wilson & Green	90,000
James Bealey	40,000
Hugh Sterling	29,000

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To the above \$184.11 we must add freights  
and commissions, now they are taking Pittsburgh  
as a mean freight 30 cts per day and 10% commission  
say taking the present prices at Pittsburgh say 2.30  
commissions would be 23 cts or the powder would cost

$184.11 + 30 + 23 = 237.11$  or a loss of  $7\frac{1}{8}$  cts  
on each day net counting Iowa or Galena

Bruno's  
Galena