

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	405	Press
139, 140,		Mis.
Dated	6-2-	1873.

Not to be folded or roughly handled

Read the following letters:—

No. 139. From the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 26th November 1872, No. 3,049.

With reference to paragraph 5 of G. O. of the 12th November 1872, No. 2,654,

1 Original letter, No. 205, dated 18th November 1872, from the Officer in charge, Government Workshops, Dowlaishweram.

1 Account of Stock (despatched by book-post).

I have the honour to forward an account of the stock, etc., of the Government Workshops as recently completed; this document would have been sent before, but I was under the impression the

Government would be satisfied with the results reported, by the Controller annually after the examination of the Workshop's accounts: the account now forwarded was begun in October 1871, and completed in July 1872. I find the last stock-taking was so far back as August 1864, or eight years ago; it is, therefore, impossible to account at all satisfactorily for the deficiencies now reported.

2. In stores the book value is given as Rupees 92,045-5-4, whilst the value, as actually counted, is Rupees 92,840-3-11, thus exhibiting an excess value of Rupees 794-14-7 made up of sundry items detailed in the stock accounts; in future the Storekeeper must be directed to maintain more correct registry. These excess items in actuals clearly show the book entries had not been correctly made in past years.

3. The timber stock is quite correct.

4. In charcoal and other stock there is a deficiency of Rupees 18-0-6, and in block of Rupees 227-0-2, these are for perishable articles and for depreciations.

5. In tools and plant the deficiency is shown to be Rupees 498-14-3; this deficiency is shown to have occurred between March 1872 and July of the same year, and is accounted for as unserviceable articles.

6. I take this opportunity to forward, for the consideration and orders of Government, a letter from the Officer in charge of the Workshops with reference to G. O. of the 11th October 1872; No. 2,397. Captain Mead shows in this that 50 per cent. of the cost in iron can be saved by obtaining this material direct from England, and this is the item I had in view, principally when advocating that the shop should deal more directly with the home markets; of course, this applies to all manufactured articles. If the trade up the river were better developed, we should be able to make a considerable reduction in the prices of timber.

7. Captain Mead does not appear to consider the principle I had laid down for the guidance of the shop to be fair, and he gives a statement of profit and loss to support this, which, however, clearly shows that the shop rates after 1870-71 ought to have been reduced, as in the following year the works are charged with Rupees 6,772-1-10 profits, which looks very well for the Workshops or the Treasury, but, as it is chiefly obtained from Government works, the estimates suffer, and, as I contend, very unnecessarily so. The profits answer no purpose whatever; we get nothing by them; and therefore as long as the shop pays its way and keeps out of

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6th February 1873.*

debt, its charges for manufactured goods need not be so high as these show they had been maintained at.

8. In conclusion, I have only to draw attention to paragraphs 6 and 7 of Captain Mead's letter, and to recommend this interest on the whole stock value should not be made debitable to the Workshops as appears to be done for the institution at Madras; the principle which that Officer advocates appears to be quite fair and reasonable, and I trust the Government will be pleased to allow us to adopt it.

9. I am unable to send any list of articles as called for in G. O. of the 11th October 1872, No. 2,397, because the principle item in which we can save in purchases is iron, or iron manufactures, and if these are procured direct from England and landed at Cocanada a saving of from 50 to 70 per cent. in prices can be effected, and the shop would be able to avail itself of the trade discount as well; excepting timber then there are no other items on which any saving can be made.

10. A copy of this report will be furnished to the Executive Engineer in charge of the Workshops, and his explanation as regards any points noted herein will be forwarded as soon as received.

From the Officer in charge of Government Workshops, Dowlaishweram, to the Superintending Engineer, 1st Division, Dowlaishweram, 18th November 1872, No. 205.

In reply to your memorandum No. 2,660, forwarding G. O., No. 2,397, I have the honour to report that I am at a loss how to answer it, as your letter to Government appears to refer to the supply of raw materials to the shops, and the G. O. to the prices charged by the shop for manufactured articles.

2. With regard to the latter I fear that I am not a fair judge. I can only say that I believe that the prices charged by the shop for the manufactures sent out are, considering the quality, etc., cheaper than they could be obtained elsewhere, and as they can be, and are, turned out quicker than they could be obtained in the local market, some credit is due to the shop on this account; as a rule in most districts buildings are delayed by the wood-work not being ready, in this district the wood-work is ready before the masonry.

3. With regard to the supply of raw materials to the shop, with the exception of iron, which I consider we should obtain nearly all from England and occasionally from the Madras Stores, we get them from the local market, Madras or Calcutta, in fact from what we consider the cheapest market.

4. At the same time I would point out that the shop is under a great disadvantage, because we never know what work will have to be executed, and therefore we are unable to arrange to buy materials in the cheapest market, but have constantly to buy retail and are not always able to buy wholesale as we could do did we know what orders we should receive. I am unable to keep up a large stock as the interest on stock is a heavy item.

5. With regard to iron from England, the cost of iron in Calcutta delivered at the shops is about 1 anna 10 pies per lb.; the cost of the last supply from England was 11 pies per lb.; and the cost of the last supply from the Government Stores at Madras was 1 anna per lb. I would call attention to the great delay there is in getting iron from England; the last indent was despatched on 18th June 1869, the iron received in July 1871; another indent was despatched on 12th April 1872, but as yet nothing has been heard of it.

6. This being the case, and as we never get orders for work except for work to be executed at once, we are unable to get from England the exact sizes of iron we require, but can only get

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out iron of useful sizes, and, when we receive an order for large iron work, have, as a rule, to obtain iron from Calcutta to complete the iron required for the work.

7. I have no wish to compare the Dowlaishweram shops with those at Madras, but I think it right to point out one disadvantage we labour under compared with them as regards capital. At the end of 1871-72 we had to pay Rupees 4,837-3-8, or 5 per cent. on our stock of raw materials which stood at a value of Rupees 96,744-9-4; at the same time I see the Madras shops paid only Rupees 377-10-2, or 5 per cent. on a stock amounting to a value of Rupees 7,553.

This difference is occasioned, I believe, in consequence of the Madras shops keeping comparatively no stock of raw materials, but drawing them as they require and use them from the Government Stores at Madras, and the result is that we have in yearly charge of about Rupees 4,500 in excess of the Madras shops.

In conclusion, I would remark that the reason of the large profit made last year, which has caused these references, was simply on account of the large amount of work which had been executed in that and previous years, but which had not been paid for, and I had reason to believe that it would not be so at the end of the year.

It would be a much fairer way if the profit and loss account of four years was taken instead of one year. Below I have done so:—

Year			Profit.			Loss.		
			RS.	A.	P.	RS.	A.	P.
1863-69	...	...				2,639	5	8
" 1869-70	...	...				1,709	10	6
" 1870-71	...	...	190	1	6			
" 1871-72	...	...	6,772	1	10			
			6,962	3	4	4,349	0	2
			4,349	0	2			
			2,613	3	2			

Net Profit for four years...

No. 140. From the District Engineer, Godavery.

(Here enter No. 426, dated 10th January 1873.)

No. 141.

ORDER THEREON, 6th February 1873, No. 405.

ACCOUNT, No. 20.

WITH the first letter recorded above Lieutenant-Colonel Fischer submits the result of the recent stock-taking at the

Dowlaishweram Workshop, when the following differences were found to exist between the book entries and the actual stock on hand:—

	Excess.			Deficiency.		
	RS.	A.	P.	RS.	A.	P.
(1.)—Stock	...	...	...	...	...	...
(2.)—Charcoal	...	...	...	...	...	...
(3.)—Block	...	...	...	...	...	...
(4.)—Tools and Plant	...	...	...	...	...	...

2. The excess shown against item (1) is, in a great measure, due to the existence of surplus articles, of which no account had been previously taken; these should be added to the stock on hand, and the books corrected accordingly. The deficiencies noted are reported to be caused by depreciation and loss, and should be written off to "Profit and Loss."

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3. It is observed that though the results of the stock-taking in this instance cannot be regarded otherwise than as satisfactory, the period allowed to elapse was much greater than is desirable.
4. Stock should be taken at least once in three years at shops of the kind under reference.
5. The purchase of stores in Europe for Government purposes otherwise than through the Secretary of State is in contravention of the orders of the Home Government, but there is no objection to the landing of stores for the Dowlaish-
weram Workshops at Cocanada, and in order to secure this object it is only necessary that the place of landing be specified on the Home indent in which the stores are included.
6. The rates which it is advisable to charge to secure the Workshops being self-supporting can be modified from time to time as experience may prove to be necessary: the return furnished by Captain Mead appears to warrant those hitherto obtaining.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Godavery.
.. Controller of Public Works Accounts.

Exd. S. T. Austin.

No 1226 District Engrs Office, Godavery, 1/73

My dear Capt Smith:

With thanks, I return the enclosed papers. The item of Exp refd. to in para. 5 of Mr. Fischer's letter should have been changed to the word "Profit & Loss", which is debatable with the annual deterioration of the block & plant & machinery.

There is no order prescribing the periods at which stock shall be taken. It is a safe guide to the working of the shop, and the principle I had laid down would far more clearly demonstrate the good management.

Ordinarily, in the P.W. Dept
proper, stock is taken
twice a year, but, except
in the case of timber, this
may, perhaps, not be
practicable with Workshop
stores generally, and making
interfere with the working
of the Factory - I am not
aware of any reason
why stock should not
be taken once a year, but
you may perhaps decide
it advisable to submit
the D. Engineers of mind in
the subject - As regards

Exd. S. T. Austin.

the last stock taking of the
Dumlaishuam Workshop P.C.
Stores, please see List of
India letter No 2250, ³⁷⁸ 124 Aug 1870,
1701, rounded in of O of the C.
19 Sept following, No 2250 - P.W.

When stock is taken
anywhere, differences
(small excesses or deficiencies) are
will always be found, if the
the stores are large, and the
comprise a number of small
small items - Bearing this
this in mind, I think that
that the last stock taking
at Dumlaishuam

and a safe guide to the working of the shop,
and the principle I had laid down would
far more clearly demonstrate the good

management

cannot be regarded as
otherwise than satisfactory.

As regards delays in
compliance with orders
upon the Home front, I am
aware that this has
always been a cause
of complaint on the part
of our officers. It is just
possible that these delays
arise, in some measure,
by there being some
in the submission of tenders
by various supplying houses
in England, but I am
unable to write with

1426 District Engrs Office Antwerp 1873

any certainty on this point.

It is absolutely ne-
cessary to charge interest
on the Capital of the Workshop.
See L.O. No 524, 78 Janz 169 -
Capital comprises block, machinery
& plant, raw materials,
fuel, and the rate of interest
as proposed of the value of the
just quoted, is 5 per Cent.
Under existing rules, stores
obtained from England to the
use of Workshops should
be recovered on delivery of
the stores, and this

is a safe guide to the working of the Shop,
and the principle I had laid down would
far more clearly demonstrate the good

management

has actually been
done in Dublin. The two Workshops are
regarded as self-sustaining
Institutions, the means &
means of which are not
provided for from the
PW grant, except where
there is a loss, such loss being
covered by a corresponding
allotment from the assignment
for "Tools & Plant". From all
this, you will see that it
is not quite regular to
use the PW Store Dept as
one of supply to the Workshops.
but as this is done in the

case of the Chepwick Factory, that
Institution has, of course, a
great advantage - The disadvantage
stage of this arrangement to
the D & W is, that, ^{the cost of} all stores
incurred for the Store Dept
has to be met from the
PW Budget assignment - By
whatever amount, therefore,
that grant is diminished,
owing to demands for
London supplies, by just the
so much is the allotment
for works reduced - To make
the matter clear, suppose
the Store Dept, in order to meet
the demands of the PW Dept
proper, requires London stores
the

out a safe guide to the working of the Shop,
and the principle I had laid down would
far more clearly demonstrate the good
management.

to the value of Rs 25000. That
amount would have to be
taken from the P. W. allotment
(say 50 Lacs) for the year. The
balance then available
for Works, Estates, etc., would
be Rs 49,75,000. If, however,
in order to meet the demands
of the Workshops in addition to
those of the P. W. Dept proper,
the Home Dept's indent for London
Supplies to the value of Rs 1 Lac,
the funds available for
Works, Estates, etc., would then
be Rs 49,00,000 only. ^{The value of P.W.} Since
^{issued} ~~order~~ to Workshops is credited
to the P. W. Department,
and it is not available for

7
on Works
expenditure in addition to
the regular allotment -

Yours Briefly
S. Hooley

7/1/72

Dear Sir
to the
Sept 13

My dear Capt Smith
The Workshop stock
was taken about 12
months ago - the Imperial
stock in the stores 4 years
ago - I think if stock
was taken once in two
years it would suffice
without being inven-
tured - I have to wait
just as long as Capt. Mead
in obtaining stores from

on account under

and

England all Indents ^{by him}... I indented
are sent home but for ^{the} 15th Dec
once a year unless 1870 - I am ⁱⁿ ex-
pecting ^{the} ~~the~~ ^{the} Queen
as the Secy of State Dept of the North" not yet
& more than one indent arrived - also for
Capt. Mead's last indent same levelling staves
dated early part of 18th Dec 1871 - they are
this year has only just also on board the same
Queen sent in. I hope articles included in
for transmission of same indent have
England and it will not yet left England
he is all probability
two years hence before
the same indented
for will be received

Yours very truly
J. H. Wimper

on account under

and

P.S. Considering therefore
the ~~difficult~~ ^{delay} ~~inconvenience~~
in obtaining stores from
England & the uncertain
time of supply reaching
India by this time
it is required I think
that interest ~~and~~ ^{help}
should not be charged.
Yours
J. F.

and

6th Jan/73

10

My dear Capt Smith
The comparison
made by Capt. Mead is
quite correct so far as
it goes - the Chepauk
Workshop has but very
little in fact almost
no stock it cannot
therefore realise profit
from the sale of stock
articles - the comparison
could be more correctly
made by a Profit &
Loss account under

P.S. P. & Co. do not
if therefore realized in
greater profit, directly
at the Customer's
Cost/expense.
The P. & Co. are sep-
arate from the Works
and an interest of
10 per cent is charged
on Invoice price
cover landing of them
&c. charges this is
the only charge by
English rates & freight
are increased.

Yours truly
J. H. Munger

and

District Engineer's Office, Pondicherry

No 426

Pondicherry 10th January/73

Left 11th 12

From

Lieut. Col. J. F. Fischer R. E.

District Engineer, Pondicherry

To,

Colonel G. W. Walker R. E.

Chief Engineer D. P. W.

Madras

Sir

Referring to the last para
of my letter No 3049 of the 26th November
last, I have the honor to observe that, the
Profits realized by the Shop during the past
Official Year, are now explained to ascertain
to former Year, and were chiefly due to the
large economies in March 1872, and therefore
the results noted in para 3 of L. O. of the
12th June 1872, No 1448, is not as I pointed
out a safe guide to the working of the Shop,
and the principle I had laid down would
far more clearly demonstrate the good
management

management of the Workshops by showing how
the rates have been arrived at, and worked
upon, according to Circumstances.

I have the honor to be
Sir
Your Most Obedt. Servt.
Wm. Treacher Lieut. Col. R.E.
District Engineer Andover Dist.

13

[Faint, illegible handwritten notes or signatures in the right margin]

2 In stores the Book value is given as Rs: 92048.5.4, whilst the value as actually counted is Rs: 92840.3.11, thus exhibiting an excess value of Rs: 791.14.7 made up of sundry items detailed in the stock accounts, in future the Store-keeper must be directed to maintain more correct registers. These excess items in actuals clearly show the book entries had not been correctly made in past years.

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which that Officer advocates appears to be quite fair and reasonable and I trust the Government will be pleased to allow us to adopt it.

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A Copy of this report will be furnished to the Executive Engineer in Charge of the Workshops and his explanations as regards any points noted herein will be forwarded as soon as received.

I have the honor to be
Sir

Your most obedt servant

W. T. Tucker Lieut Col. R.E.
Asst Supy Engineer in Chg

From Mr. Webster 2nd 1921-1923
a 12" Rod _____ 164-430

P.R. 1892 Michael.
J.W. Lloyd & Son
of
The City Bank Building
100 Division

Dr. H. S. J. Andrews

October 6 - November 12
Dec. 4 - November 2.

No 3049
Lindo: vivo

Shawm's Stock Ac-
counts of Environment
Workshops at New South
= working with certain
Appliances & animals
regarding different
things therein
-
various

Feb 14.05 - 6th February 1935

1/2 Amt. of Stock
owed to the
Lumber Shop
James H. Hays

10/5/1873 D. 182

139

W16 2007/73 Q1.18

George H. Johnson 6323 / 4 6323 / 4
 Math form weight 1 36 / 13 8 1 36 / 13 8
 Brass Knob Engine 4 69 1 5 4 69 1 5
 Large Sewing Machine 1 124 6 1 124 6
 a. Station 1 128 5 4 1 128 5 4
 a. Cart 1 40 4 10 1 40 4 10
 Spring Balance 2 11 0 11 2 11 0 11
 Sewer Jacks 2 83 8 3 2 83 5 3
 Kelly Road 1 92 2 2 2 1 92 2 2
 Sewer Black wren 5 138 2 11 5 138 2 11
 Hob Black 4 36 13 8 4 13 13 8
 do do 2 4 9 9 2 4 9 9
 do do 4 18 6 10 4 18 6 10
 do Lion Large 6 165 13 3 6 165 13 3
 do do 3 23 0 6 3 23 0 6
 do Small 3 11 8 3 3 11 8 3
 Iron Chair 1 34 5 12 5 1 34 5 12 5
 Green Stanchion 1 7 14 9 1 7 14 9

500 Small Iron Chair 1 6 14 7 1 6 14 7
 Patech bones 7 122 7 1 7 122 7 1
 Sells of Bells 1 34 14 0 1 34 14 0
 Cart 2 14 1 13 4 2 14 1 13 4
 Road Road 1 462 15 1 462 15 0
 Pile Driving Machine 1 140 6 7 1 140 6 7
 Stone Pump 1 190 9 1 190 9
 Centric Japd Pump 1 64 13 8 1 64 13 8
 Big Back Pump 1 334 8 2 1 334 8 2
 do Square beam 9 244 1 3 9 244 1 3
 Road Lash for Cart 1 11 0 1 11 0

1007 4 11 1007 4 11
 Grand total of Machinery 1695 8 10 1695 8 10

J. H. Johnson

1897/2

April 19

Machine receiving from				
Quills for Postable Books	2	585 13 6	2	585 13 6
Circular Saw Sashes	1	1088 11 "	1	1088 11 "
Saddle Tree 12 x 15 Iron	1	381 13 11	1	381 13 11
Machine Pumping & Steaming	1	124 9 1	1	124 9 1
Postable Billings	1	160 6 2	1	160 6 2
"	1	567 8 7	1	567 8 7
" Planning Shovel	1	123 13 7	1	123 13 7
" Belt Blotting Paper	2	709 1 11	2	709 1 11
Quills for Postable	1	43 7 9	1	43 7 9
Plate Press with 100 lbs	1	53 11 7	1	53 11 7
Tools various	1	49 14 3	1	49 14 3
" Carpenters	1	808 7 1	1	808 7 1
" Copers	1	12 36 "	1	12 36 "
Quills for Postable Books	12	36 "	12	36 "
Quilling Machine	24	309 10 2	24	309 10 2
Tree Press	1	6158 3 11	1	6158 3 11

April 19 Machine receiving from

Wash funds

Receiving Machine	1	322 7 1	1	322 7 1
Small Hand Letter	3	276 6 2	3	276 6 2
Large Power Letter	1	1059 7 2	1	1059 7 2
Planning Machine	1	138 2 11	1	138 2 11
Drilling Machine	1	230 5 "	1	230 5 "
Cut Iron from Wash				
12 Horse Power Engine	1	2763 12 8	1	2763 12 8
Planning Machine	1	769 11 3	1	769 11 3
Circular Saw Sashes	1	276 6 2	1	276 6 2
Hooping Machine	2	46 " 2	2	46 " 2
Double gear Wheel	1	59 14 2	1	59 14 2
Shingle	1	36 13 8	1	36 13 8
Iron Card Clerk	1	138 3 "	1	138 3 "
Carpenter Lathe	1	55 4 5	1	55 4 5
Plan for the lathe	1	150 29 1	1	150 29 1
		6323 14		6323 14

Through forward	1	10	8	1	1293	14	133	10	1
Lead plate	1	10	8	1	1293	14	133	10	1
Carbon plate	12	47	39	12	42	1	5	3	9
Large bellows	2	3	11	9	2	3	11	9	2
Iron Chain	1	204	159	1	200	1	4	159	1
Longs	1	5	9	1	4	1	1	9	1
Cumil front	1	15	1	1	1	1	1	1	1
Shops	2	2	6	1	2	2	6	1	2
Files	2	4	4	10	2	8	1	4	10
Drills	6	4	15	2	6	3	1	15	2
Modern Working boxes	6	98	10	6	90	10	8	10	10
Country axes	2	2	10	10	2	2	10	10	2
Monitors	9	3	11	9	3	6	5	11	9
Cash Iron pit	1	2	9	9	1	2	9	9	1
Chumum Strongly	1	1	12	2	1	18	4	12	1
Wrenches	2	1	6	5	2	4	2	5	2
Chisels	5	4	8	5	2	8	1	8	5

4 708 foot rule	1	1	9	9	1	1	4	1	3	9
Steel Stencils	1	1	1	3	1	1	12	1	12	1
Steel plate, open	1	1	14	8	1	1	12	1	12	1
	1818	9	5	16	5	1	16	2	8	1

Total total of 4 1/2	4833	152	4935	11	498	14	3	498	14	3
----------------------	------	-----	------	----	-----	----	---	-----	----	---

+ value of under number
total

Brought Forward	1200 23	1102 124	147 511
Al cans	2 2 14 3 2	10 11 1	6 3
St Johnson bar	28 28 1 27 19 5		
Duff	6 6 3 6 1 8	1 8 3	
Call Iron furnace pipe	2 4 5 2 2 3	1 5 2	
Square bar	112 11 5 6 112 7	4 5 6	
Long large & small	73 5 13 1 33 4 2	1 11 1	
	136 87	1139 34	167 573

April 1879 Foundry work			
Large Steamers	2 2 11 1 2 2	11 1	
Large Steamers	4 1 13 3 4 1	13 3	
Sanding bars	6 2 6 6 1 8	8 6	
Consoles	23 19 10 2 23 17 4	2 6 2	
Iron rods	3 5 8 9 3 4 5	1 4 9	
Small hand bellows	1 6 9 1 4	29	

Modern buckles	5 4 12 2 5 3 2	1 10 2	
Iron Crucible	16 38 6 8 16 32	6 6 8	
Small foundry	45 22 4 1 45 16 14	3 6 1	
Iron	13 1 7 8 13 13	10 8	
Iron handles	10 10 11 7 10 7 8	3 3 7	
Plams	8 2 2 6 8 1 8	10 6	
Country bellows	1 6 10 1 4	2 10	
Remkago Crucible	7 15 1 15 7 140	11 15	
Cast Iron Foundry & open	112 28 103 9 13 8 142 5 9 52 8	8 7 5 8	
Pymers	2 5 3 11 2 4	1 3 11	
Steam Jacks	4 86 2 4 80	6 2	
Paint buckets	6 5 3 2 6 2	2 3 2	
Shen legs	1 25 15 1 25	2 15	
Shells	1 8 1 4	4	
	1126 115	1293 14	133 10 1

April 1921 Blacksmith shop bills.

Wrought Iron Anvils	9	51	10	7	9	45	6	10	7
do small	2	6	0	5	2	5	1	0	5
Wrought Anvils	5	0	7	14	7	50	6	4	1
do	6	7	14	11	6	7	5	6	11
18" Compressed	1	0	13	9	1	0	12	1	9
Large Hammer from W. A. Co. of N. Y.	23	4	2	9	55	23	40	4	2
Large Anvil	12	22	12	10	12	21	1	12	10
Iron Aug mill and drum on machine	1	60	4	5	1	55	5	4	5
Padlocks	2	2	8	1	2	2	8	1	2
Tool Boxes	1	0	13	10	1	0	12	1	0
Wrought Anvil	4	8	9	10	4	8	9	10	4
Chisel	12	2	10	1	9	3	12	9	1
Cast Iron Letters	1	4	0	2	1	3	8	8	2
Files	6	11	12	0	6	10	8	1	4
Steel Balls	5	8	0	5	5	7	8	8	5
Wrought Anvil	19	7	15	11	19	7	2	15	11
Wrought Anvils	12	8	19	13	5	12	20	9	9
Wrought Anvils	28	19	3	7	38	14	4	2	15
Cast Iron Anvil	5	2	12	3	5	25	2	13	3
Wrought Anvil	2	0	2	1	2	1	1	1	1
Wrought Anvil	14	11	12	9	14	10	8	1	4
Wrought Anvil	16	4	15	1	16	4	1	15	1
Wrought Anvil	13	1	5	6	13	13	8	6	13
Wrought Anvil	31	16	8	4	31	13	3	3	1
Wrought Anvil	12	2	0	8	12	1	8	8	8
Wrought Anvil	9	1	0	3	9	9	7	3	9
Wrought Anvil	2	0	10	11	2	6	4	11	2
Wrought Anvil	4	1	1	10	4	12	5	10	4
Wrought Anvil	2	0	4	2	2	2	2	2	2
Wrought Anvil	12	50	2	3	110	2	12	14	7

Geographica	371	87	338	133	32	114				
don't know	2	0	13	11	2	0	10	3	11	
Files of legs	64	13	10	10	64	128	9	10	10	
Cart Don't know	2	9	0	2	8	1	0	12	2	
Dist. rails	13	3	3	2	13	2	9	12	2	
don't know	2	1	5	7	2	1	0	5	7	
Man Bille	2	12	5	4	2	11	1	5	0	
took rule	1	1	6	9	1	1	4	2	9	
Modern Brackets	1	2	4	2	1	2	4	2	2	
Drill	38	18	1	4	38	16	10	1	7	4
Bumblers	1	0	9	4	1	0	6	1	4	
Turner Chisel	1	0	6	3	1	0	4	1	2	3
" Ganges	1	0	9	10	1	0	6	1	10	
Country Chalk line	1	0	2	1	1	0	1	1	1	
small files	5	2	12	5	2	5	0	4	0	
Mining Chisel	12	29	13	1	12	27	2	13	1	
Pinch	57	63	4	6	57	57	8	4	6	

Yaps & deer	9	14	12	9	9	13	8	1	1	4	9
Cats	1	3	1	10	1	2	8	9	10		
Don't know	4	1	12	6	4	1	8	5	4	6	
Black	1	0	14	0	1	0	12	0	2	0	
iron plate	1	1	11	0	1	1	8	0	3	0	
Sheet steel	5	6	10	0	5	6	4	0	6	8	
Welding steel	1	1	6	7	1	1	4	0	6	2	7
iron tube	1	0	4	8	1	0	4	0	0	8	
Cut & on prof	1	0	2	6	0	1	2	0	4	6	
Bulls & nuts	24	5	5	1	24	0	4	8	13	1	
steel wire	1/4	1/4	0	5	7	1/4	0	5	0	7	
Bellows Pair	1	1	2	7	1	1	0	0	2	7	
Boring Chisel	1	5	4	1	1	5	0	4	1		
Copper Chisel	3/4	1/4	0	10	6	3/4	0	10	6		
Deer	2	4	1	1	2	4	8	6	1		
	70	9	10	4	6	4	3	9	6	4	9

Brought forward	971	1211	870	36	101	95
Super Shell	5	467	5	4	10	0.57
Screen Screens	3	1188	3	108	108	108
Reaches for all kinds	6	873	67	8	153	153
Chalk lines	1	110	1	10	10	10
Sizing stops	10	4137	10	46	77	77
	1001	210	896	116	104	74

April 1872 20	Used men & boy tools					
Oil cans	3	227	3	111	47	47
Stand Screens	16	1481	16	12	281	281
Steel Chisels	34	1528	34	1414	48	48
Callipers	4	116	4	18	36	36
Oil stoves	3	149	3	12	29	29
Compasses	1	126	1	12	6	6
Small bench vice	3	5211	3	48	1011	1011
Stand Sizing Chisel	25	173	25	143	3	3
Screen Plate	1	139	1	12	19	19
Chisel with chisel	4	2010	4	20	1011	1011

Patent Screens	1	1657	1	14	25	25
Screen Saps	10	5148	10	5	148	148
Tools boxes	19	6101	19	515	111	111
18' Screens	9	7120	9	612	1	1
	3	273	3	24	33	33
Bread do	2	1118	2	18	38	38
Sizing Chisel	68	106870	68	1028	10	10
Large Screen Chisel	13	65110	13	588	6710	6710
Back down	2	371	2	3	71	71
Steel down	9	610	9	510	610	610
Pygmy	8	6611	8	6	611	611
Flattening rollers	1	68132	1	60	8132	8132
Stand Tris	2	248	2	2	48	48
Cutters	40	9240	40	78	110	110
Drags	22	105122	22	910	111	111
Setting stops	1	148	1	1	48	48
Bread wheel	18th	6678	18	6	6	6
Manures	5	205	5	14	2	2
	371	87	338	133	32114	32114

Oriskany 73 Q. 18

Brought forward	971	1211	870	36	101	95
Super Shell	5	467	5	4	10	0.57
Screen Screens	3	1188	3	108	10.8	10.8
Reaches for all kinds	6	873	67	8	153	153
Chalk lines	1	110	1	10	10	10
Sizing stops	10	4137	10	46	77	77
	1001	210	896	116	104	74

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Drags	22	105122	22	910	111	111
Setting stops	1	148	1	1	48	48
Bread wheel	18th	6678	18	6	6	6
Manures	5	205	5	14	2	2
	371	87	338	133	32114	32114

Oil & Lamp 73 Q. 18

Brought forward	474	0	7	409	14	64	27
Measuring tape	1	6	7	1	5	1	7
Files & keys	16	33	19	16	32	1	19
Key hole saw	2	2	0	2	1	0	8
Hand saw files	38	20	9	38	19	1	9
Priming plane	1	13	0	1	12	0	10
Saw Baskets	2	1	13	2	1	7	1
Paint brushes	1	7	4	1	0	0	3
Comby Chalk line	4	0	9	4	0	0	1
Copier plane	1	0	5	3	1	0	1
Thin dial	1	3	6	9	1	3	6
Crowbars	3	3	5	9	3	3	0
Carpenter Brackets	11	56	13	11	55	0	1
Cross cut saws	2	22	6	2	2	20	2
Country Adges	1	0	13	0	1	0	12
Wh. Saw handles	5	0	14	10	5	0	10
Put saws	16	18	9	8	16	1	6
Large Oak Adges	2	23	9	2	2	0	3

Europe Rock saws	6	14	0	6	1	8	0
Saw adges	1	2	6	1	2	0	0
Circular saws	2	8	1	7	2	7	5
Saw belt	3	0	14	9	3	0	12
Carpenter Brack	1	0	1	7	1	0	1
Saw hook	1	1	3	2	1	1	0
Callating file	5	2	12	0	5	2	8
Try compasses	1	0	15	0	1	0	10
Cob Chisels	3	1	0	6	3	0	12
Grinding Stone large	1	50	1	6	1	4	5
Iron Nipper	2	1	0	4	2	0	12
Brassells with hook	1	0	4	2	1	0	3
Saw blade	1	0	12	6	1	0	12
Bones	14	3	8	0	14	3	1
Carpenter Chisels	13	2	8	6	13	2	7
Wooden rule	1	2	7	10	1	2	4
Paint blue iron	1	0	3	7	1	0	3
Saw beam	1	0	7	8	1	0	6
	97	1	2	11	870	3	6
							101

10

Tools and Plant

Month & Date

Sold & Machinery

Wagon & Cart
Horse
Mule
Cattle
Pigs

Wagon & Cart

1872

April

Carriage & Horse

26 6 10 2 26 52

9 10 2

Seven Cows

10 26 1 10 25

1 10 1

Donkey & Cows

5 5 6 2 5 5

6 2

Young Horses

29 35 1/4 29 43 8

12 6

Jack Horses

28 8 1 59 20 70

11 5 9

Wagon & Cart

19 18 1 7 17 8

1 3

Cows

7 2 5 2 7 2 10

5 2

Seven Cows

10 1 9 2 10 1 4

5 2

Large Horses

1 3 5 10 1 3 8

7 10

Compass

4 1 9 2 4 1 4

3 2 9

Seven Cows

38 2 1 4 9 58 18 2

3 2 9

Mule

10 2 1 1 10 1 14

3 1

Donkey

6 2 5 5 6 2 4

1 5

Seven

8 1 10 1 8 1 8

2 1

18 Horses

2 1 11 6 2 1 8

3 6

Seven Horses

6 1 3 9 6 1 2

1 9

6 Horses

8 6 5 9 8 6

5 9

Oil Stones

9 7 10 9 6 10

14 0

Seven

26 10 10 5 26 8 20

2 8 5

Stock Sales

7 9 6 9 7 8 12

10 9

Single Horse & Cows

2 5 2 2 0 4

1 2

Donkey

1 6 13 9 1 0 12

1 9

Wholesale Horses

3 10 4 3 9 0

1 4

Don Parcel Horses

1 6 14 1 1 5 8 0

1 6 1

Seven

3 7 2 1 5 6 4 0

14 2

Seven

2 3 6 2 2 2

1 6

Seven Horses

37 46 7 37 41 10

4 13 7

Seven Horses

2 12 6 2 10 0

2 6

Seven Horses

2 16 1 2 15 0

1 1 2

Seven Horses

1 13 9 1 0 12

1 9

Seven Horses

1 14 8 1 10 0

4 8

Seven

1 12 14 3 1 10 0

2 14 3

Seven Horses

10 18 1 1 16 0

2 1 1

Seven Horses

2 5 2 2 0 4 0

1 2

Seven Horses

2 33 8 6 2 30

3 8 6

Seven Horses

4 7 4 7 40 9 14 0

6 4 2 4

1872 Aug 13 A. 18

Black

Assessment

February 12

Day back
Chancel the
Linden the
Largest the
Sturdy & again term
Luther the
Carpenter the
The new shop
Office
Store
Plan the
Small building

2800

8500

1800

1700

2200

6000

3000

3500

3000

2500

4000

1000

40227

Assessment the

20

Brought over	3316 12	3356 6
Parade cage	1 138	1 138
Box traps black	1 8	1 8
Guano from	28 5 15	32 13 12
Guanoes wood	44 120 36	42 120
Box traps wooden	1 1	1 1
Box traps fence	1 8	1 8
Repeating slates	2 4	2 4
Stone cotton hammer	39 12 5 17 1	39 12 5 8
With Guages	111 8 10 4	111 8 10 5
Shutter wooden to lathe	220 10 5	220
Shutter with iron joint	1401 9 10 5	4401 9 10 5
Calculus	601 9 10 5	600 9 10 5
Box small inguinal	430 43 5	430
Box large wheel	185 8 53 5	185 8 5
Box large wheel	8 1	8 5
Press bar	1 9 4 1 5	1 9 0 5
Water stand lat.	1	1
	6388 1 4	6432 1 6
	9245 5 4	9280 3 11

Flux

Black stone	9245 5 4	9280 3 11
Box small inguinal	430 43 5	430
Box large wheel	185 8 53 5	185 8 5
Box large wheel	8 1	8 5
Press bar	1 9 4 1 5	1 9 0 5
Water stand lat.	1	1
	6388 1 4	6432 1 6
	9245 5 4	9280 3 11

Flux

Box small inguinal	430 43 5	430
Box large wheel	185 8 53 5	185 8 5
Box large wheel	8 1	8 5
Press bar	1 9 4 1 5	1 9 0 5
Water stand lat.	1	1
	6388 1 4	6432 1 6
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Flux

Box small inguinal	430 43 5	430
Box large wheel	185 8 53 5	185 8 5
Box large wheel	8 1	8 5
Press bar	1 9 4 1 5	1 9 0 5
Water stand lat.	1	1
	6388 1 4	6432 1 6
	9245 5 4	9280 3 11

Flux

0182 Aug 73 Q. 18

Prough & Sons		1126 8 2	1127 7 3
Cash in Rent brackets 12		69 15 2 12 1/2	69 15 2 1/2
" Levers for Press 1		68 5 11 1/4	68 5 11 1/4
" Cast Iron Chutes 1		24 10 2 1/4	24 10 2 1/4
" Pump 1		18 15 9 1/4	18 15 9 1/4
" Guide brackets 1		32 15 0 1/2	32 15 0 1/2
" Pile with pin 1		6 9 4 1/4	6 9 4 1/4
" Chair Easy seat 2		17 0 0 2 1/2	17 0 0 2 1/2
Clipping Hammers 23		22 2 6 23 1/2	22 2 6 1/2
Consoles 24		50 4 0 24 1/2	50 4 0 1/2
Clamps Iron small 30		7 6 30 1/2	7 6 1/2
Chair, Stone Cutters 19		14 4 0 19 1/2	14 4 0 1/2
Large rollers 22		58 3 0 29	76 11 4 1/2
" Link Single 131		253 1 3 131 1/2	253 1 3 1/2
" Double Link 34		17 7 5 66	33 15 6 32 1/2
" Wheel 15		116 11 11 15 1/2	116 11 11 1/2
" Drill 1		1 4 0 1 1/2	1 4 0 1/2
" Drill 2		3 4 11 2 1/2	3 4 11 1/2
Large Brackets 1		1 59 1 1/2	1 59 1/2
" Lateral 1		468 12 10 1 1/2	468 12 10 1/2
" Eye Bolt 14		0 24 19	1 0 8 5 1/2
" Chain Bands 2		3 6 3 4	6 12 6 1/2
" Roller Iron 1/2		108 15 3 1/2 1/2	108 15 3 1/2
Garden shed 2		9 10 0 2 1/2	9 10 0 1/2
" Hammer Chops 4		4 8 1 4 1/2	4 8 1 1/2
" do. do. 16		15 0 3 16 1/2	15 0 3 1/2
" Iron Washers 2		15 0 2 1/2	15 0 1/2
" " 2		5 0 2 1/2	5 0 1/2
" Stages for Chain 5 1/2		1 0 2 5 1/2 1/2	1 0 2 1/2
" Rattle for Grinders 3		0 0 3 3 1/2	0 10 3 1/2
" " Choppers 4		5 10 8 4 1/2	5 10 8 1/2
" " Cots 2		26 0 0 2 1/2	26 0 0 1/2
" do. for Self acting Malt 12		15 1 5 0 12 1/2	15 1 5 0 1/2
" Sewing Machine 1		2 8 4 1 1/2	2 8 4 1/2
" Model Newton Chute 1		0 8 5 1 1/2	0 8 5 1/2
" Masons Ladders 8		2 3 11 8 1/2	2 3 11 1/2
" Monitors 78		52 12 5 78 1/2	52 12 5 1/2
" Wheel Iron 5		7 6 0 5 1/2	7 6 0 1/2
" Mallets Iron 50		58 5 4 50 1/2	58 5 4 1/2
" Mallets Iron 1		13 4 2 1 1/2	13 4 2 1/2
" Plate for Oil Machine 100		60 11 9 100 1/2	60 11 9 1/2
" Pad for Oil Machine 2		30 2 2 2 1/2	30 2 2 1/2
" Pump Levers for Hammer 5		19 12 8 5 1/2	19 12 8 1/2
		3316 12	3356 6 1/2

32

Brought over	85183 12 6	86134 10 9
Max	3 12 2 4	3 12 2 4
Water pump	187 14 7 1 1/2	187 14 7 1/2
Modern black	29 14 7 2 1/2	29 14 7 1/2
Mill frames	53 6 6 8 1/2	53 6 6 8 1/2
	85657 4	86408 2 5

Alger

December 15 th	Spies County	3	3733	3 1/2	3 7 3 1/2
	Myketa Buckets	6	162 3	6 1/2	162 3 1/2
	Shelburne screws	4	680	4 1/2	680
	Breeds bearings	8	103 4 1/2	103 1/2	103 4 1/2
	20 flamer for boat rollers	2	6 14 9	2 1/2	6 14 9 1/2
	2 balls with bearings	1	12 8 1/2	1 1/2	12 8 1/2
	2 Elan	1	1 14 1/2	1 1/2	1 14 1/2
	2 Solano hooks	1	1 5 9 1/2	1 1/2	1 5 9 1/2
	Bill hooks	8	10 2 4 8 1/2	10 2 4 8 1/2	10 2 4 8 1/2
	Baskets wood	2	6 2 1/2	6 1/2	6 2 1/2
	Bridge bolts	26	50 14 26 1/2	50 14 1/2	50 14 1/2
	Bugs shorts	3	2 14 2 4 1/2	3 13 6 1/2	3 13 6 1/2
	20 jelly	1	5 1 1/2	5 1 1/2	5 1 1/2
	Boat shell seats	1	1 3 1 1/2	1 3 1 1/2	1 3 1 1/2
	Bathing tub w/ingrids	1	12 14 5 1 1/2	12 14 5 1/2	12 14 5 1/2
	Bears fully	1	12 14 5 1 1/2	12 14 5 1/2	12 14 5 1/2
	Baskets long for well	2	27 2 1/2	27 2 1/2	27 2 1/2
	Calupils bladders	2	6 2 1/2	6 1/2	6 2 1/2
	Chumam longh	5	8 11 8 5 1/2	8 11 5 1/2	8 11 5 1/2
	Cash bin cylinders	2	140 2 1/2	140 2 1/2	140 2 1/2
	2 Crying box	1	9 1 1 1 1/2	9 1 1 1/2	9 1 1 1/2
	2 Boring for shafts with	12	180 13 10 12 1/2	180 13 10 1/2	180 13 10 1/2
			1426 8 2	1427 7 3	1426 8 2

Went for Key hole
shell & laid back.

Wheat Europe

Courtesy

De l'innocence

Doak

Change

Acronyctodes

Brooks

Wood

March 28th

1891 Oct 20. 1891 Oct 20.

the gut press water ft

Synscaepentis

David Henry Baker

Death bed

brown - back layer

Do
Journals

Der Stück: Kosten

coal
Yoko's study.

Dei Heutigen

Take Course -

Lehrreichte Vorlesung

Three

100

See back

See also

John & dau to Edward

André Bon

Lincoln County

Loek & Len
2/1/

Wm. L. G. W.

Each Brass Piece for

Dear Mr. Rogers

Long. Ben.

Printen Luft von

Do Do Do Do

Varwith the R. P. 19

Copied

Demelion

8.18

10

34

Strong Brown	77208/4	11		78921/24		
Flower bonneted	73	15	✓	73	✓	
Plate Stamp	22	4	✓	22	✓	
Black	605 8 9226			605 8 9226		
White	445 8 - 75 72			446 - 75 8 6		8
Green	1205 8 175 5			1205 175 3 10		8
Yellow	1 15 1 8			16	14 7	14 1
White Antennae	449 6 8 917 25			4502	918 4	4 8
Prickles	445	495	✓	445	✓	
Red Lacks	110 52 67			110 52	✓	
Brown	20	2	✓	20	✓	
Postall French	11	9 77		10	8 9 10	
Red Eastern	44	2 4 2 44	✓	2 4 2	✓	
Plays	3	1 4 2 3	✓	1 4 2	✓	
Prussian Blue	2 44	5 11 10		2 44 5 11 10		
Black Lead Antennae	3332	562 9 11		3334 - 562 18 3		2
Prussian Green	223	60 1 53		223	60 1 53	
Pitch	820	88 123		821 8 88 14 10		1 8
	7976 10 2			8055 7 10 6		

December 8 Dope Granules

Car	2252	114 6		224 8	114	11	✓	10
Caucas	72	2 1 5		74	2 25	✓	2	✓
Plattus		54 7 1/2			4 6	✓	1 1/2	
Prin	3335			10 5	2 10 7	✓	3 1/2	
Red Lead	10 1/2	2 9 9		1698	407 13 5	✓	1 11 1/2	
Prin. Europe	1696 4	407 6 18		1150	3212 6	✓	20 22	
Prin. Europe	1079 4	498 1			6 29 3			
Prin. Europe	6 29	1	✓		1 9	✓	14	✓
Prin. Europe	22 11	20			44 14 4	✓		
Prin. Europe	643	44 15 6		646	10 12 11	✓		
Prin. Europe	10 12 11	3	✓		45 3 8	✓		
Prin. Europe	45 5 8	4	✓		34	2		
Prin. Europe	34	2 9	✓		90 6 7	✓		
Prin. Europe	90 6 7	24	✓		23 15 4	✓		
Prin. Europe	23 15 4	6	✓		37 10 3	✓		
Prin. Europe	516 13 1	12	✓		516 13 1	✓		
Prin. Europe	28 15 10	40	✓		28 15 10	✓		
Prin. Europe	8184 14 5	-			8184 14 5	-		

Page

Brought Over	4625 8 3	7493 10 3		
Lead Piping	12 20 26	26 43 44 ✓	14 ✓	
Lettering	2 12 14 1	3 15 6 ✓	4 ✓	
Leathers. Leather	2 29 10 9 ✓	29 10 9 ✓		
Leather Cope	20 2 35 3 6 ✓	20 2 35 3 6 ✓		
Messary	3 15 5 ✓	4 3 5 5 ✓	4	
Machine Loring	1 7 ✓	7 ✓		
Mails Conting	3570 10 610 13 1	3874 635 1 2 ✓	365 6 ✓	
Mongth	841 5 191 4 2	830 188 10 10 ✓		11 5 ✓
Bias	1703 9 131 14 3	1694 131 21 ✓		9 9 ✓
Penny	798 9 212 10 10	818 214 13 5 ✓	19 7	
Flaming	474 46 14 6 ✓	474 46 14 6 ✓		
Belows	800 2 10 8 800 ✓	2 10 8 ✓		
Oil and	1120 8 158 3 5 ✓	1140 16 1 ✓	19 8 ✓	
Mattt	20 16 8 5 ✓	440 363 9 2 ✓	420 ✓	
Needle	60 2 6 8 60 ✓	2 6 8 ✓		
Nails Cut	2012 3 285 9 ✓	2015 285 15 9 ✓	3 ✓	
Oil Lugs	11 8 2 14 ✓	11 2 12 ✓		8 ✓

Leads	86 8 8 6 8	84 8 28 ✓	2 8 ✓	
Cocoon	107 4 15 4 ✓	105 8 15 3 2 ✓	1 4 ✓	
Good	23 4 2 1 ✓	22 3 15 2 ✓	1 ✓	
Leaved Case	18 3 6 7 ✓	18 5 6 7 ✓		
Boiled	215 13 84 7 ✓	215 8 54 5 ✓		5 ✓
Machine	1 15 3 6 ✓	5 10 5 ✓	3 1 ✓	
Alones	12 25 26 12 ✓	25 26 ✓		
Slips	15 10 15 7 15 ✓	10 15 7 ✓		
Raffin	125 15 7 ✓	124 15 4 5 ✓	2 ✓	
Rece. Rice	394 57 4 5 ✓	386 57 2 5 ✓		8 ✓
Rad. Loops	1 8 1 ✓	8 ✓		
Ant. Lulls	2 33 4 9 2 ✓	33 4 9 ✓		
Priceis	14 10 14 ✓	14 10 ✓		
Pike Clay	13 5 1 8 13 ✓	5 1 8 ✓		
Plains. Feet.	8 25 25 8 ✓	27 2 5 ✓		
Living	17 58 14 6 17 ✓	58 14 6 ✓		
Red	196 379 14 9 196 ✓	379 14 9 ✓		
Shunt	111 270 8 7 111 ✓	270 8 7 ✓		
	7405 4 11 ✓	7819 2 12 4 ✓		

From	19975-26	201385	1894
From	450712 455 11	4967	471 6 10
From	2461 875 18	246215	875 13 5
From	3193 429 25	3269	437 7 10
From	392 4 252 3 6	611	260 5 4
From	33890 84 7 3	33890	84 7 3
From	35 8 14	37	14 9 6
From	282 4 114 4 6	284	114 15 11
From	1465 39 5 2	1465	39 5 2
From	16059 12 13212 2	161041	13210 8 1
From	10 5 1	10	10
From	99314 490	990 13 1	990 13 1
From	785 9 244 5	785 9 5	785 9 5
From	15 81 5	15	15
From	4 12 2 5	4 12 2 5	4 12 2 5
From	653 4 90 4 2	819	112 7 5
From	32 1 9 10 2	32	9 9 10 1
From	224 8 60 5 8	226	60 12 2 2
From	140 8 8 12 6	147	9 3 5
From	8250 184 13 2	8280 5	184 10 2 5
From	36801 9 2	37113 9 2	

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From	168 6 5	168	15 10 1
From	1 5 10 1 5	4 6 8 21 5	4 6 8 5
From	6 5 6 12 5	6 5 6 12 5	6 5 6 12 5
From	3 6 8 5	3 6 8 5	3 6 8 5
From	2 2 4 6 5	2 2 4 6 5	2 2 4 6 5
From	6 5 5 3 10 1 5	480 5	90 5 5
From	480 90 5	695 5	227 10 5
From	695 227 10	139143	854 5 8 5
From	15316 8521 2	34 5 11 1 5	34 5 11 1 5
From	452 937 6 9	452 937 6 9	452 937 6 9
From	70 15 194 12	71	194 5 5 5
From	330 6 82	333 11 1 5	333 11 1 5
From	9 14 113 1	9 14 113 1	9 14 113 1
From	605 355 12 7	605 355 12 7	605 355 12 7
From	44509 2685 9 25	44509 2685 9 25	44509 2685 9 25
From	15 1 1	15 1 1	15 1 1
From	74625 8 3	74625 8 3	74625 8 3

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Brought over	9085 578	44 61	9265 11	44 1
Cowboy select 6	258 15		258 5	44 1
Cash from fuel & other 1				
Copper plates 28	850 8 418 57	1038	511 1 55	
County bellows 1 1/2	1 14 2 14 1		1 14 2 5	
Door both large 25	5 10 2 25		5 10 2 5	
do small 10	1 10 11 10 1		1 10 11 5	
Drummond bellows	4 1/2 1 14 4	4 1/2 1 14 11 5		
Drummer	2 11 8 17 15 1	2 15 8 18 4 6 5	4 5	
Drummers	68 7/8 15 7 4	68 3/4 15 8 6 5	15 8 6 5	1/2 6
Drummond bellows 1	15 5 3 15	15 5 3 5		
Energy Europe	4 2 1 4	4 5 2 1 4		
File large	1099 1165 10 1087	1141 10 1082		12 1/2
do small 1534	616 156 1579	613 3 6 5		15 1/2
do Match 20	1 1 20 1	1 1 1		
Foot Plate 9	18 25 9 5	18 25 5		
Glass house 70	22 11 6 72	23 3 10 5 2		
do for white seat 6	12 0 6 1	12 0 1		
do Water 4	48 4 5	4 8 5		

Energy for steam & steam 7	385 3 7 5	385 3 5 10		
Hamlet 11	1 84 11 5	1 84 5		
Blue 2	1 11 7	3 4 1 15 2 5		6 5
Grease 200 12	62 57 1	108 8 58 7 10 5		12 4 1
Shaper Mortice 4	14 13 4 5	14 13 5		
Leam Energy	52 2 56	52 1 2 56 5		
do Elong 8	1 9 7	8 1 9 7 5		
Feeding stone 3	22 7 13 6 3 5	22 7 13 6 5		
Head Piece 6	13 6 1 6 4	13 6 1 5		
do Hammer 8	12 15 8 5	12 15 5		
Hammer 4 1/2 1/2 1/2	1 9 11 1 5	1 9 11 5		
Wheel 68	3 15 11 7 6	4 7 31 8		
Wheel 1/8	4 1/8 1/8 1/8	4 1/8 1/8		
Hammer wheel 8	28 8 4	28 8		
don round 6 1/2	62 61 11 73 15 1	62 61 5 11 73 15 1		
do 155	28 10 5 3	160 29 9 5 5	5 5	
do 1	33 81 34 89 3 3	53 78 9 34 89 11 6 5	8 5	
do angle	58 934 4 30 21 15 9	59 150 30 10 4 9 1	36 5 12	
	193 5 26	20 138 5 1		

Corned Beef	1677 10 2	1686 9 3
Blue stone	0 4 3 6	4 1 3 6 5
Bunting net	10 6 7 4	6 5 4 5
Blue cloth	1 1/2 8 10	11 1 25 1/2
Baskets	38 1 9 6 38 1/2	1 8 6 5
Bottle Empty	6 2 0 7	2 4 11 5
Bread meat	25 1 1 3 25 1	1 1 3 5
Cloth Chilly	4 3 1 5 4 3	1 3 5 1
Cotton cloth	85 35 5 65 20 1 9	86 31 65 27 1 35 11
do Yales	203 14 36 8 12 2	204 8 35 7 13 8 10 1
do Measur	33 33 5 41 2 8 33 1	41 2 8 1
do Wakers	14 6 13 7 1	15 12 14 11 2 1 6 1
do Cotton	50 14 12 3 3	51 4 12 4 11 6 5
Cloth long	1/2 2 5 1/2	2 5 1/2
Corn cloth	2 5 9 3 2 5 1/2	9 3 1
Cloth red	5 1/2 2 1	2 1
Chalk lime	19 5 25 19 1	5 2 5 1

Chalk seal	30 3 13 1 30 1	3 13 1 1
Cumilley	2 1 12 2 1	1 12 2 1
Copper wire	29 10 2 44 10 5	30 8 45 14 8 13 1/2
do Rod	105 14 125 10 11	224 265 15 3 118 2 1/2
do Leans	5 18 3 9 5 5	18 3 9 1
Charles former	63 25 15 6 63 1	25 15 6 1
do Mortar	38 8 11 3 38 1	8 11 3 1
do Sheet	3 1 9 2 3 1	1 9 2 1
do Larning	46 17 4 4 6 1	17 4 4 6 1
do George's	10 5 4 8 10 5	5 4 8 1
Chalk	34 3 1 10 8	34 1 10 8 1
Chain Measure	1 3 1 1 1	3 1 1 1
Carpenters fence	31 2 11 8 3 1 1	2 11 8 1
Creech's Plumber	5 112 11 10 5 1	112 11 10 5 1
Cannet Cattle	15 3/4 75 14 3 15 3/4 1	75 14 3 1
Corn sack Lin	10 10 1 11 10 1	10 1 11 1
Caulking Cord	194 8 7 9 11	192 8 7 8 8 1
	9085 5 8	9265 11

Account of Black Specimens of Government Workshop & Ordnance
taken by George Fox before the destruction of the factory for the year 1871-72

After stock paid actually raised or
Excess short

Month 95
Rate
Article

Number
Yards
Amount
Number
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1871
October 10th
Hugers shell

44
7
35 6 3
18 - 11 7 1/2
35 6 3
18 - 11 7 1/2
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1940

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From

The Officer
in. Ch. Govt Workshop
Dowlaiswaram

To

The Superintending Eng.
1st Division
Dowlaiswaram

Dated 19th
Decr 22nd } July 1872
R

Nr 5987/72
Account of Stock
Examination of Govt.
Workshop Dowlaiswaram
taken by Condutor
J. Jeyaraj & Capt
of the Factory

Nr 105-64 of 1872
Rd. P. L. on 11/12/72
6 Jan 73

350-
Proceedings of the Madras Government
Read the following:-
41

The Deputy Engineer }
P. D. } (H. E. Dec 30/72 & 26 Dec 1872)
— Do. do — } — " — 426 of 10 Jan 1873
No date of the printed

With this letter
Lt. Col. Treacher submits
the result of the recent
stock taking at the Dowlaiswaram Workshop
when the following differences were found to
exist between the book
entries and the actual
stock on hand.

	Excess	Deficiency
(1) Stock.	8994-15-7	" " "
(2) Charcoal	" " "	18-0-6
(3) Block	" " "	227-0-2
(4) Tools & Plant.	" " "	498-14-3

The excess shown
against item (1) is in a
great measure due
to the existence of
surplus

surplus articles of which
no account had been
formerly taken; these
should be added to the
stock on hand and the
books corrected accord-
ingly. The deficiencies
noted are reported to be
caused by depreciation
and loss and should
be written off to "Profit
and Loss".

It is observed that
though the results of the
stock taking in this
instance cannot be
regarded otherwise than
as satisfactory the period
allowed to elapse was
much greater than is
desirable.

Stock should be taken
at least once in three
years at shops of the
kind under reference.
The

The purchase of stores
in Europe for Government
purposes otherwise than
through the Secretary
of State is in contravention
of the orders of the
Home Govt; but there is
no objection to the landing
of stores for the Dair-
laishweram Workshops
at Coonah, and in
order to secure this
object it is only necessary
that the place of landing
be specified on the home
indent in which the
stores are included.

The rates which
it is advisable to charge
to secure the Workshops
being self supporting
can be modified from
time to time as experience
may prove to be neces-
sary; the return for
which.

checked by Capt. Merser
appears to warrant those
others obtaining.

L. M. C. S.
1872

To the D. Eng. Goddard
" Controller P. M. A. S.

Dec 10/2/72

L. No 5980 & 350-

Gobt. of 1873 Madras.
PUBLIC WORKS.

To
The District Engineer
Godavery

Dated

Recd.

Encl.

G. O. 6th February, No. 405.

No. 139-110-111.

Dowlaisnaram Workshop.
Reporting orders on the
report of the results of
the stock taking at
the Dowlaisnaram
Workshop-