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## Great Western Railway of Canada.

## REPORT

OF

## THE DIRECTORS

OF THE

# Grent Mestern Railway of Canada,

FOR THE

HALF-YEAR ENDING 31sr JANUARY, 1873;

WITH

## STATEMENTS OF ACCOUNTS.

&c., &c., &c.;

To be submitted to a Meeting of Shareholders to be held in London on Wednesday, 9th April, 1873.

#### LONDON:

WATERLOW AND SONS, PRINTERS, CARPENTERS' HALL, LONDON WALL.

GREAT WESTERN RAILWAY OF CANADA,—NOTICE IS HEREBY GIVEN, that the HALF-YEARLY GENERAL MEETING of Shareholders is appointed to be held on WEDNESDAY, the 9th day of April, 1873, at the London Tavern, Bishopsgate Street, London, England, at Twelve Noon precisely, for the purpose of submitting a Report and General Statement of Accounts for the Half-year ending on the 31st January last, and for the transaction of other business.

And Notice is hereby further given, that the said Meeting will be made a Special General Meeting, for the purpose of submitting and adopting resolutions to double the Western portion of the track for a distance of 80 miles, from Windsor to Glencoe, and to authorise the issue of and to raise additional capital for that and other purposes, and to provide for Debenture Bonds, falling duc.

And Notice is also further given, that the Books kept at the Office in Canada, for the Registration of Shares and Preference Stock, will be closed on and from 26th March, to the day of meeting, both days inclusive, and transfers cannot be received between those dates.

By Order,

BRACKSTONE BAKER,

Secretary.

126, Gresham House, Old Broad Street,
London, E.C., 29th January, 1873.

## Great Mestern Railway of Canada

### LIST OF THE DIRECTORS.

1872-1873.

President.

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Alderman SIR THOMAS DAKIN, Cree Church Lane, London.

Vice-President.

GILSON HOMAN, Esq., Sandford House, Kirkstall, near Leeds.

HONBLE. JOHN CARLING, M.P., London, Ontario, Canada. JOHN CLEGHORN, Esq., 3, Spring Gardens, S.W. THOMAS FAULCONER, Esq., 66, New Finchley Road, N.W. EDWD. H. GREEN, Esq., 22, Old Broad Street, London. DONALD MACINNES, Esq., Hamilton, Ontario, Canada. HONBLE. WILLIAM MACMASTER, Senator, Toronto, Ontario, Canada.

PAUL MARGETSON, Esq., Clapham Common.
GEORGE SMITH, Esq., 23, Albemarle Street, W.
WILLIAM WEIR, Esq., 10, Princes Terrace, Dowanhill Gardens,
Glasgow.

Auditors.

JOHN YOUNG, Esq., 16, Tokenhouse Yard, London. SIDNEY SMITH, Esq., 31, Bush Lane, London. SAMUEL SPREULL, Esq., Toronto, Ontario.

General Superintendent.

Mr. W. K. MUIR, Hamilton, Ontario, Canada.

Treasurer.

Mr. JOSEPH PRICE, Hamilton, Ontario, Canada.

London Offices.

126, Gresham House, Old Broad Street, E.C.

Mr. BRACKSTONE BAKER, Secretary.

Mr. WALTER LINDLEY, Accountant.

Bunkers in London.—LONDON JOINT STOCK BANK.

in Canada.—THE CANADIAN BANK OF COMMERCE.

## THE GREAT WESTERN

ACCOUNT

CARTE		AUU	UU.	NI
CAPITAL ACCOUNT, showing the Receipts	an	d Expend	lite	ire
RECEIPTS.		Total Rece	ipts	to
TO SHARE ACCOUNT—		lst January £	, 18 8.	
216,500 Shares held in England, at £20, 10s. sterling per S 627 Shares held in Canada at \$100 per Share, convert	-d -4		0	0
109½ per cent. exchange		12,883	11	3
Total amount of Share Capital to 31st January, 1873  TO 5 PER CENT. PREFERENCE STOCK— For amount paid up in fall settle and the stock of the sto			11	3
TO PERPETUAL 5 PER CENT. DEBENTU	RE	. 235,660	0	0
For amount received on this account		46,700	0	0
TO BOND ACCOUNT.		10,100	v	V
	0 0			
Bonds hearing 51 non sent 14 , 1876 127,000	0 0			
	0 0			
Bonds hearing 5 per cent interest in 1878 62,000	0 0			
	0 0			
1,000,000 per cent. Interest, due 1890 1,000,000	0 0			e grager
		2,163,200	0	0

£6,896,693 11 3

#### 

## RAILWAY COMPANY OF CANADA.

No. 1.

of the Company on Capital Account to 31st January, 1873.

	EXPENDITUR	E.		To	tal Expendi	tur	e to
Ву	Total Expenditure on Capital Ac July, 1872, as per last Report	count to	31	st.	st January, £ 5.555.842	S.	d
Ву	Great Western Main Line, a Galt, Sarnia, Petrolia, and Branches.	nd Tor	ont	0.	•		
	Expended during the six months January, 1873:— Land, Works, Permanent Way, and all Inci-	s ended	31	st			
	dental Charges	£48,168	11	5			
	dental Charges Buildings, &c	12,563		9			
	/	£60,732	8	2			
	Locomotives	100,734		100000			
	Cars	97.548		9			
١.	Third Car Ferry Boat.	4,419		3	000 405		
3v	Discount on 5 per cent. Preference	Stock			263,435	9	
-3	For Discount on final instalment on Prefe	rence Stoc	e n	hie			
	during the Half-year	9,910		2			
1	account now transferred	8,219	3	7			
	Deduct Premium realized on sale of 8,300	18,129	14	9	•		
	Shares	12,256	6	8	5,873	8	
3 <b>y</b>	Difference on Conversion of 5 per	cent. Pr	efe	r-	0,010	. 0	
	For difference between the nominal amount of cancelled, and that of Ordinary Shares i						
	therefor during the half-year				2,368	2	1
					5,827,519	5	8
, ,	Glencoe and Buffalo Line— Total Expenditure to 31st July, 1872	£347,828	9	6			
	Expended during the six months ended 31st January, 1873	362,987	4	11			
y	Detroit and Milwaukee Railroad	Company	7	-	710,815 250,000	0	0
					6,788,335	0	1
у	Balance carried to Account No. 4				108,358	11	2
у	Balance carried to Account No. 4		•••	٠	108,358	11	- 2

<sup>\*</sup> The Company hold Preference Shares of the Detroit and Milwaukee Railroad to the amount of \$2,095,000, on which there is \$1,398,933 accrued interest.

## THE GREAT WESTERN

ACCOUNT

£595,839 11 10

#### REVENUE ACCOUNT for the

Half-year ended 31st January, 1872.	RECEIPTS.	Half-year ended 31st January, 1873.
£ s. d.		£ s. d.
181,603 11 2	To amount for the Carriage of 547,512 Passengers	209,322 6 6
5,045 3 8	" " " Mails	5,065 2 11
8,173 19 3	" " " Express Freight	9,116 0 8
331,763 3 11	" " " Freight and Live Stock	371,572 16 11
526,585 18 0		595,076 7 0
765.12 7	" Ronts	763 4 10
		0.
4 444	Note.—The Traffic Receipts above stated are exclusive of those of the Galt and Guelph, Wellington Grey and Bruce, and London and Port Stanley Railways.	
~		

£527,351 10 7

# RAILWAY COMPANY OF CANADA.

No. 2.

. Half-year ended 31st January, 1873.

Half-year ended 31st January, 1872.	Per Cent. on Gross Receipts.	EXPENDITURE.	Half-year ended 31st January, 1873.	Per Cent. on Gross Receipts.
d.	*27	By Maintenance and Renewal of	£ s. d.	
105,691 5 6	20.04	Way, per Abstract A	93,180 0 6	15.64
71,540 0 7	13.56	" Locomotive Power, per Abstract B	101,592 5 3	17.05
-34,781 18 0	6.60	,, Repairs and Renewal of Pas- senger and Goods Cars, per Abstract C	43,269 9 3	7.26
34,118 . 9 0	6.47	,, Coaching Transit Expenses, per Abstract D	44,414 12 0	7.45
49,234 16 0	9.34	,, Merchandise Transit Expenses, per Abstract E	71,311 5 2	11.97
9,346 11 11	1.77	,, General Charges, per Abstract F	12,153 2 0	2.04
304,713 1 0	57.78	TOTAL ORDINARY WORKING Ex-	365,920 14 2	61.41
		ITEMS NOT BELONGING TO ORDINARY WORKING EXPENSES.		
2,002 4 1	94.	By Taxes	2,345 19 11	
177 14 10		" Railway Inspection Fund	177 14 10	
		,, Rent of Detroit Station Yard	1,027 7 11	
1,897 19 1		"Insurance"	2,188 7 1	
131 2 5		" Clerks' Security Account	143 14 10	
4,714 6 9		" Suspension Bridge Rent, for half-year	4,708 16 4	
313,636 8 2	59.47	Total Revenue Expenditure	376,512 15 1	63.19
213,715 2 5		By Balance carried to Net Revenue No. 3 Account	219,326 16 9	
£627,351 10 7		376512	£595,839 11 10	ÿ
		41201		

## THE GREAT WESTERN

ACCOUNT

## NET REVENUE ACCOUNT

Half-year end 31st Jany., 18		ь.	Half-year 31st Jany	r en	ded 373.
£ s.	d.	To Balance of Net Revenue brought for-	£	s.	d.
4,846 14	4	ward from Half-year ended 31st	1,485	13	6
213,715 2	5	"Balance from Revenue (No. 2) Account for the Half-year to date …	219,326	16	9
4,670 8	1	" Balance of Interest Account	2,319		1
1,139 17	8	" Galt and Guelph Railway, Profit on Half-year's Working, per Acct. G	1,903	14	4

£224,372 2 6

£225,035 14 4

To Balance brought down

£142,218 5 9

£142,218 5 9

# RAILWAY COMPANY OF CANADA.

No. 3.

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Vİ

d 3. to 31st January, 1873.

Half-year ended 31st Jany., 1872.		Half-year ended 31st Jany., 1873.
£ s. d.	By Half-year's Interest on the Bonds	£ s. d.
5,688 3 0	January, 1873	
34,691 0 0	" Interest on Ordinary Bonds	34,691 0 0
27,818 17 8	", Discount and Charges on the conversion of American currency, and exchange on Remittances to England	
	Amount set -: 1 c	33,182 7 1
3,000 0 0	Ferry Steamers	3,000 0 0
9,100 0 0	" Change of Gauge — Proportion charged against this Half-year …	9,100 0 0
1,082 4 5	" Erie and Niagara Railway—Loss on Working	
5,993 101 0	" Nith River Bridge Accident Account —Amount paid for repairs and compensation claims	
1,000 0 0	" Subscription to Chicago Fire Fund	
135,998 7 5	" Balance carried down	142,218 5 0
£224,372 2 G		£225,035 14 4
	", Half-year's Dividend on 5 per cent.  Preference Stock  "Proposed Dividend on Ordinary Shares at the rate of 6 per cent. per	5,302 7 0
96.13.4	"Surplus carried to next Half-year "	133,534 0 2 3,381 18 7
		£142,218 5 9

## THE GREAT WESTERN

ACCOUNT

### GENERAL BALANCE SHEET

To Amount Outstanding and	due to	the Con	nany on	Troffe	£	s. d.
Account		***			59,396	18 1
" Mechanical Stores on har General Stores Fuel Stores Old Material	id, 31st	January  	£51,708 £51,708 45,137 2,146	16 11 8 2	93,992	5 8
,, Engineering Stores on ha General Stores Rolling Mill Stock Rail Stock	nd, 31s	t Januar	y, 1873 :- £14,337 2,928 132,195	8 8 11 3		
<b>35</b>				-	149,461	12 9
" Municipal Bonds	<b></b>	•••			4,520	10 11
" Balance of Interest due t Detroit and Milwauke	e Railr	oad not	59, on Lorectived	oan to	6,944	19 3
" Alteration of Gauge Suspe	ense Ac	count			107,863	18 7
" Balances in Bankers' hand	ls, Loai	ns, &c.			41,390	9 8
" Sundry Assets and Debit	Balance	es es			• 91,917	4 11
	,					

£560,487 19 10

HAMILTON, ONTARIO,

March 6th, 1873.

I hereby certify that the whole of the Company's Permanent Way, Stations, Buildings, and other Works have, during the past half-year, been maintained in good working condition and repair.

JOHN KENNEDY,

Chief Engineer.

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## RAILWAY COMPANY OF CANADA.

No. 4.

to 31st January, 1873.

By Balance from Capital Account No. 1		 • £ s. d. 108,358 11 2
" Balance from Net Revenue Account No. 3	T.	 142,218 5 9
" Ferry Steamers Renewal Fund	,	 16,412 5 10
" Rolling Stock Renewal Fund		 28,860 17 10
" Sundries due by the Company and Credit I	Balances	 264,637 19 3

Audited and approved, subject to appended Report,

JOHN YOUNG,
SIDNEY SMITH, Auditors.

27th March, 1873.

£560,487 19 10

Hamilton, Ontario, Canada, 28th February, 1873.

I hereby certify that the whole of the Plant, including Engines, Tenders, Cars, Machinery, and Tools, also the Ferry Steamers, with their Engines and Boilers, have, during the past half-year, been maintained in good working order and repair.

W. A. ROBINSON,

Mechanical Superintendent.

TO THE SHAREHOLDERS
GREAT WESTERN RAILWAY OF CANADA.

Having checked the entries in ledger with journal and cash book, the vouchers for payments and the receipts per cashier's day book with the cash book from 1st August, 1872, to 31st January, 1873, I hereby certify that the foregoing accounts contain a full and true statement of the financial affairs of the Company.

SAML. SPREULI., Auditor in Canada.

Hamilton, Ontario, 6th March, 1873.

#### LONDON AUDITORS' REPORT.

To the Shareholders of the Great Western Railway of Canada.

We have examined the foregoing statements of accounts, and find them in accordance with the books and vouchers.

It will be observed that the amount which has for some years past appeared in the General Balance Sheet against the Port Huron and Milwaukee Railway, namely £8,219.38, 7d., has this half-year been debited to Capital Account. The amount is wholly irrecoverable, and in our opinion ought therefore not to remain in the Balance Sheet.

JOHN YOUNG, SIDNEY SMITH, Anditors.

LONDON, 27th March, 1873.

# GREAT WESTERN RAILWAY OF CANADA.

Abstracts referred to in the Revenue Statement for the Half-year ended 31st January, 1873.

## ABSTRACT A. MAINTENANCE AND RENEWA

Half-year ended 31st Jan., 1872	MAINTENANCE AND RENEWAL OF WAY	Half-year ende
£8,786 0 4 6,042 4 0	Repairs and renewals of Bridges and Culverts Station sidings & fences	31st Jan., 1873 £10,248-17 5,995 3
6,391 16 3	" Buildings	4,998 3
990 13 5 565 4 2	" Signals	1,103- 3
565 4 2 81,874 6 1	,, Approaches	573 14
1,041 1 3	Roadway Engineering superintendence, &c	69,059 8 1,201 9
£105691 5 6		C00 100 0
		£93,180 0
	ABSTRACT B. LOCOMOTIVE POWER.	
Half-year ended	LOCOMOTIVE POWER.	
31st Jan., 1872.		Half-year ended
£ s. d.	Transit Expenses :- £ s. d.	31st Jan., 1873
10.00	Wages of Enginemen and Fire-	£ s. d
16,415 6 6	men	22,332 6
2,157 0 10	Wages of Cleaners	0.010
28,728 3 9	Fuel	2,649 9 10 40,988 7
1,340 15 1	011	
943 11 4	Tallow	
-	Small Stores, including Signal	946 18 2
927 1 10	Lamps, Waste, Arc	1 120 11 11
1,022 3 10	Pumping Engines	1,139 11 11
63 12 4	Salaries of Foremen and Clarks	1,673 12 11
128 8 10	Salary of Locomotive Engineer	65 6 10 128 8 11
		128 8 11
51,726 4 4		71,809 13 9
	Repairs and Renewals of	71,809 13 9
0.00	Engines:	
9,165 7 6	Material and Fuel 6,468 2 3	
9,456 11 3	Wages 9,732 9 10	16,200 12 1
70,348 3 1	Sundries:	
92 18 9	Lighting Chang	88,010 5 10
297 17 11	Maintenance of Thomas 11	
801 0 10	Maintanance of W1	
	Maintenance of Tanks and Pumps 1,970 17 9	
		2,159 10 11
		00.100
	Suspense Account for amount reserved to meet	90,169 16 9
	Illure expenditure	11 400 0 -
		11,422 8 6
71,540 0 7	£	101,592 5 3
1s. 1·12	AND SOURCE AND THE PROPERTY OF	
9.05d.	d. Cost per Train mile run Cost per Traffic Engine mile run	1s. 4.03d.

## STATEMENT OF MILEAGE RUN BY ENGINES.

Miles run, 1st Aug., 1871 31st Jan., 187 442,153 865,563		Miles run, 1st Aug. 1872, to 31st Jan., 1873. 537,655 983,211
1,307,716 590,289	Total Train miles earning Revenue By Piloting and Shunting Engines	1,520,866 858,463
1,898,005	Total Traffic Engine miles run	2,379,329
	ABSTRACT C. REPAIRS AND RENEWAL OF CARS.	
Half-year ended 31st Jan., 1872. £ s. d. 6,940 15 10 4,119 0 6 67 0 4		Half-year ended 31st Jan., 1873, £ s. d. 5,594 19 6 6,901 3 2 72 12 1
11,126 16 8 15,745 4 4	Merchandise Cars -  Materials £17.307 1 3	12,568 14 9
7,775.16 7 134 0 5	Wages 9,976 11 8 Salaries of Superintendent,	
y	Suspense Account for amount reserved to meet future expenditure	27,428 17 1 3,271 17 5
£34,781 18 0		£43,269 9 3
	38d Cost of Train Mile run 6.826 39d Cost of Car Mile run 0.436	
Miles run, 1st A to 31st Jan., 1	STATEMENT OF MILEAGE OF CARS.	1st Aug., 1872,

	st Aug., 1871,	Miles run,	1st Aug., 1872,
	in., 1872.	to 31st J	an., 1873.
2,225,365	Of First Class Cars		2,456,837
644,453 740,241	" Second Class Cars " Post Office, and Express Baggage	Cars	849,132 771,889
17,591,678	" Freight, Platform, and Conductor	s' Cars	19,921,358
21,201,737	Total Car Mileage earning Re	venue	23,999,216

# ABSTRACT D. COACHING TRANSIT EXPENSES.

Half-year ended 31st Jan, 1872.		Half-year ende 31st Jan., 1873
£ s. d.		
4,663 15 6	Salaries of Superintendent, Station Masters and Clerks	
5,335 19 1	wages of Conductors Baggagaman and	
1,966 2 1	Brakesmen	. 6,520 11 2 2,688 1
493 17 5	" Policemen	374 18 10
2,257 13 8	. Switchmen	The same of the sa
715 19 0		3,007 14 (
	, Watchmen at Level Road Crossings	912 14 8
272 15 11	Clothing	49 14 (
844 9 1	Compensation for Damages	3,369 3 7
143 13 7	, Cattle killed on Track by Trains	148 17 3
224 3 4	Lamps and Signals	656 2 11
	Lights (including Oil) for Stations and Box	000 2 11
745 13 4 1,194 5 6	senger Cars	951 14 2
1041 5 44		1,743 11 9
1,041 7 11	Stationery, Advertising and Printing	1,062 13 5
174 7 10	Office Furniture and Expenses	54 15 1
1,327 10 2	Small Stores, including Waste, Links, and	
721 14 4	Pins, Baggage Trucks, &c.  Travelling and incidental expenses	1,888 3 3
Carlo Charles		1,121 13 9
	Expenses of Advertising and Agencies in the United States	
3,251 2 8	Proportion of expenses of Form	6,755 16 3
	Detroit River Proportion of expenses of Telegraph	6,703 6 9
	expenses of Telegraph	1,458 13 3
84,118 9 0	MARKET TO THE TANK OF THE PROPERTY OF THE PROP	01111 205 3
2 A2001 / 12 E2004 1		£44,414 12 0

Equal to 17.51 per cent. on Coaching Traffic Receipts.

Equal to 19.87 per cent. on Coaching Traffic Receipts.

# ABSTRACT E. MERCHANDISE TRANSIT EXPENSES.

Half-year ended 31st Jan., 1872.		Half-year 31st Jan.	end	led
£ s. d. 5,290 1 5	Salaries of Superintendent, Freight Agent and Clerks	£ 6,938	8.	
9,192 12 5	Wages of Conductors and Brakesmen	10,839	2	9
12,435 13 0	" Porters	16,594	4	11
484 4 0	" Switchmen	731	1	10
1,255 3 8	" Watchmen at Level RoadCrossings	1,598	3	2
2,374 16 1	Compensation for Damages	3,458	19	11
81 15 7	" Cattle killed on Track by Trains	143	12	7
1,230 13 10	Lights, Lamps, Fuel and Signals	1,930	11	6
1,336 13 2	Stationery, Advertising and Printing	2,092	1	1 .
91 12 10	Office Furniture and Expenses	35	8	2 ;
2.068 5 9	Small Stores, including Links and Pins, Warehouse Trucks, Running Boards and Gangways	3,811	2)	6
298 11 5	Travelling and incidental expenses	211		3
2,043 5 5	Proportion of Expenses of Telegraph	2,372	4	١,
3,986 5 6	Detroit River	7,591	9	8
34 1 0	Elevators at Hamilton and Sarnia Expenses of Advertising, and Agencies in	57	13	4
2,574 16 9	United States	1,497	16	10
4,456 4 2	"Blue Line" Sundries	11,348	3	5
£49,234 13 0		£71,311	5	2
				-

Equal to 14 84 per cent.

On

Merchandise Traffic Receipts.

Equal to 19 19 per cent.

On

Merchandise Traffic Receipts.

Merchandise Traffic Receipts.

610,307½ Tons...

Total Tonnage carried ... ... 684,418 Tons.

# ABSTRACT F. GENERAL CHARGES.

Half-year ended 31st Jan., 1872.			Half-yearended 31st Jan., 1873.
£4,059 10 5	Head offices in London and Hamilton		£5,039 11 0
950 18 6	Stationery, advertising, and printing		1,362 11 3
367 18 2	Postages and stamps		463 4 2
111 13 11	Fuel and lights	***	141 3.3
1,765 16 7	Travelling and incidental expenses		1,629 18 8
153 2 10	Furniture, &c		. 95 5 8
790 11 2	Law charges		1,497 8 10
1,414 10 0	Directors and Auditors		1,878 10 0
259 2 10	Telegraphing		375 4 2
9,873 4 5			12,482 17 0
526 12 6	Less transfer fees		329 15 0
£9,346 11 11			£12,153 2 0

Equal to 1.77 per cent. on Total revenue.

Equal to 2.04 per cent. on Total revenue.

## THE GALT AND

ACCOUNT

The Great Western Railway Company of Canada in account

## RECEIPTS FROM TRAFFIC ON THE GALT AND GUELPH RAILWAY.

Half-year ended 31st Jany., 1872. £ s. d.	To amount received during the Half-year for the carriage of—	Half-year ended 31st Jany.,1873. £ s. d.
2,514 6 5	Passengers	3,062 14 1
224 10 1	Mails and Sundries	247 7 5
2,228 11 9	Freight and Live Stock	3,185 11 7
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
o er ess .		
		in a second
£4,967 8 3	n.	£6,495 13 1

and this little at the part

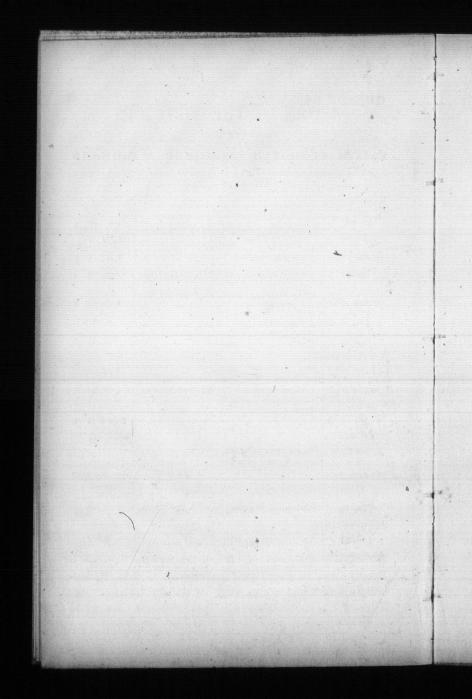
## GUELPH RAILWAY.

G.

with the Galt and Guelph Railway Company (Working Account).

## EXPENDITURE FOR WORKING THE GALT AND GUELPH RAILWAY.

Half-year ended 31st Jany., 1872. £ s. d.		Half-year ende 31st Jany., 187: £ s. d.	3.
1,306 4 7	By Maintenance and Renewal of Way during the Half-year	1,368 2 5	5
895 18 5	" Locomotive Power	1,267 8 1	L
369 18 1	" Use of Passenger, Freight, and other Cars	562 9 0	)
918 7 11	" Coaching and Merchandise Transit Ex- penses	1,053 10 6	3
246 11 6	"General Charges	246 11 6	3
90 10 1	" Law Charges and Taxes	93 17 3	3
3,827 10 7		4,591 18 9	)
1,139 17 8	" Balance carried to Net Revenue Account	1,903 14 4	ł
£4,967 8 3		£6,495 13 1	L
31st Jany.,1872. 16,354 4,535	Note.—The Mileage run by Engines during the half-year, in working the traffic on the Galt and Guelph Railway, is as follows:— With Passenger and Freight Engines Piloting and Shunting	31st Jany., 1878 21,613 6,282	3.
20,889		27,895	



## REPORT OF THE DIRECTORS

OF THE

# Great Western Bailway Company

#### OF CANADA.

1. The Receipts on Capital Account during the Halfyear to 31st January, 1873, amounted to £323,336. 1s. 7d., arising as follows:—

	£	s.	d.	£		d.
Five per cent. Preference Stock,			٠.	~	о.	u.
in full of final Instalment				43,021	18	4
Six per cent. Bonds in full of issue				250,000		0
8,300 Reserved Ordinary Shares sold				170,150		0
Shares issued on conversion of Pre- ference Stock during the half-year						
at the rate of 5 shares for every £100 stock:—			,			
£94,720 stock converted into 4,736 shares, of £20. 10s.						
each Less Preference Stock cancelled		0	0	· · · · · · · · · · · · · · · · · · ·	pricht Mach	DESCRIPTION OF
on conversion	94,720	0	0			
1			—	2,368	0	0
Deduct Final series of 4 per cent. Bonds				465,539	t	4
paid 1st January, 1873			1	142,203	16	9

The total receipts to Capital Account amounted, on 31st January, 1873, to £6,896,693. 11s. 3d.

£323,336

2. The Charges to Capital Account during the half-year amounted to £634,664. 4s. 11d.; of this sum the Engineer's Report shews an expenditure for roadway, sidings, station buildings, &c., and a proportion of the cost of steel rails

laid in the track, amounting altogether to £54,782. 5s. 10d. There has been further expended on Capital Account for land purchased at Detroit for new freight warehouse, land for new car shops and additional sidings at London, &c., £5,950. 2s. 4d.; also for additional equipment as stated in the Mechanical Superintendent's Report—for Locomotives, £100,734. 8s. 10d.—for Cars, £97,548. 14s. 9d.—for the Glencoe Loop Line, £362,987. 4s. 11d., and for new Car Ferry Boat, £4,419. 17s. 3d.

The total expenditure to 31st January, 1873, amounted to £6,788,335. 0s. 1d., leaving a balance at credit of Capital Account of £108,358. 11s. 2d.

3. The Receipts and Expenditure on Revenue Account for the half-year have been as follows:—

Gross receipts Working expenses, including renewals		harg	 ges	£595,839 376,512		
From which is deducted—				£219,326	16	9
	£37,535	1	6			
Discount and charges on conversion of						
American Currency	33,182	7	1			
Amount set aside for renewal of Ferry Steamers	3,000	0	0			
Alteration of Gauge Account	9,100	0	0			
•			-	82,817	8	7
				£136,509	8	2
Add Profit on working Galt and Guelph Railway	1,903	14	4			
Balance of Interest Account	2,319		9	4,223	4	1
				£140,732	12	3
Add Surplus from last half-year				1,485		6
Amount available for I	Dividend			£142,218	5	9
Amount available for I	Dividend		•••	£142,218	5	9

The Dividend for the half-year on the 5 per cent.

Preference Stock amounts to £5,302. 7s.; and from the balance the Directors recommend a dividend on the ordinary shares at the rate of 6 per cent. per annum, payable in London on the 22nd April, which will absorb £133,534. 0s. 2d., leaving £3,381. 18s. 7d. to be carried forward to the next half-year.

4. The aggregate Revenue Receipts (exclusive of those of the Galt and Guelph, the Wellington Grey and Bruce, and the London and Port Stanley Railways) exhibit a gross increase of £68,490. 9s. 0d., which consists of—

ncrease	in way passenger traffic			£13,166	10	1
. ,,	through passenger traffic		l	14,552	5	4
,,,	way freight and live stock traffic	-111		6,888	0	0
,,	through freight and live stock tra	ffic		32,921	13	0
1,	mails and express freight			962	0	7

£68,490 9 0

The way or local business amounted to 41.35 per cent. of the whole earnings of the line as compared with 42.56 per cent in the corresponding half-year. The through traffic represented 58.65 per cent., against 57.44 per cent. Freight rates, both through and local, have not materially differed from those in force last half-year.

The earnings have been seriously diminished by reason of the ice blockade in the Detroit River, which existed, more or less, for two months, preventing the regular transport of the through business, and much interfering with the local traffic. During the past winter there have been at times no less than 1,200 to 1,500 cars on each side of the river, delayed twelve or fifteen days awaiting ferriage. In order to mitigate this difficulty in the future, another car

ferry boat is in course of construction, which will be available for the next winter's traffic.

5. The Receipts and ordinary Working Expenses per train mile for seven corresponding half-years, compare as follows:—

Half-year ending			Earnings ain Mile.	Working Expense per Train Mile.					
31st Jan.,	1867	 9s.	9d.		4s. 7\frac{1}{4}d.				
,,,	1868	 9s.	$7\frac{3}{4}$ d.		4s. $5\frac{3}{4}$ d.				
,,	1869	 9s.	$0\frac{1}{2}d$ .	*	4s. 3 <sup>3</sup> / <sub>4</sub> d.				
,,,	1870	 8s.	7½d.		4s. $9\frac{1}{2}$ d.				
,,,	1871	 7s.	9d.		$4s. 6\frac{1}{2}d.$				
,,	1872	 8s.	$0\frac{1}{2}$ d.		4s. 8d.				
,,	1873	 7s.	10d.		4s. 9\frac{3}{4}d.				

The great increase in expenses, and consequent decrease in net earnings, is attributable to two causes—the extraordinary severity of the weather during this winter, which has equally affected all the railways in this section of the country, and the advance in wages and in the price of stores and supplies has affected Canadian as it has English railways. The increase in wages alone in the departments connected with working the railway, has amounted to no less than £24,127, or an advance of 22 per cent. in excess of the corresponding half-year. The accumulation of ice in the Detroit River augmented the ferriage expenses to the extent of £7,057. 8s. 2d., or 97 per cent. above the similar expenditure in the corresponding period.

6. The following table exhibits the Receipts and Expenses for seven corresponding half-years:—

	RECEIPTS.								EXP	EN	SE	S.			
Half-year ending	Passenger Mails and Sundries	1	Freightan Stock		ive	Re	nts	3.	Tota	1.		Includ Renew			of gross Receipts.
31 Jan., 1867	£ s. 168,935 16	d.	£ 161,254	8.	d. 7	£	8 3	. i. 2	£ 331,513	8.	3.	£ 166,632	8.	d. 0	50.56
31 Jan., 1868	196,536 15	1	213,476	4	4	799	15	6	400,812	14	11	193,666	14	3	48:31
31 Jan., 1869	183,702 11	5	238,763	15	0	845	10	2	423,311	16	7	209,752	9	6	49.55
31 Jan., 1870	193,740 12	6	239,535	6	8	906	13	1	424,182	12	3	243,379	18	11	57'37
31 Jan., 1871	173,169 10	1	270,463	10	1	715	17	5	414,348	17	7	267,481	7	11	60.19
31 Jan., 1872	194.822 14	1	331,763	3	11	765	12	7	527,351	10	7	313,636	8	2	59.47
31 Jan., 1873	232,503 10	1	371,572	16	11	763	4	10	595,839	11	10	376,512	15	1	63:19

7. The discount and charges on the conversion of American currency for the half-year amounted to £33,182. 7s. 1d., as compared with £27,818. 17s. 8d. in the corresponding half-year. The conversions were made at an average of  $113\frac{7}{10}$ , the average price of gold for the half-year being  $113\frac{1}{2}$ .

Following the system commenced last half-year, there has been charged to the half-year's revenue the estimated loss on the balance of American Funds in hand to January 31st, 1873, although unconverted at that date.

8. The Ferry Steamers' Renewal Fund has been credited with the usual half-yearly amount and accrued interest, and after debiting the cost of constructing the car Ferry Steamer "Transit," there is a balance at the credit of the account amounting to £16,412. 5s. 10d.

9. The sum of £9,100, being the same half-yearly amount as heretofore, has been charged against revenue towards defraying the cost of change of gauge, the account for which now stands as follows:—

Total cost chargeable to "Change of Gauge Account"
Charged against Revenue during two years to January, 31st, 1873 ... ... ... ... 36,400 0 0

Remaining yet to be charged ... ... £51,739 12 8

Therefore, the annual sum of £18,200 applied over the next three years will more than suffice to meet the total cost in the five years, as originally estimated.

It has been found necessary, in consequence of the inadequate supply of narrow gauge rolling stock, to defer removing the third or outer line of rails between London and Hamilton until the spring, the pressure of the winter's business requiring the use of the broad gauge locomotives on that portion of the line.

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10. The charges for repairs and renewals of rolling stock have been continued at the fixed mileage rate as in the two previous half-years. There has therefore been charged £11,422. 8s. 6d. for locomotive repairs, and £3,271. 17s. 5d. for car repairs, more than the amount expended, leaving a balance at credit of Locomotive Renewal Fund, with accrued interest, at 31st January, £20,096. 3s. 11d; and at Car Renewal Fund, £8,764. 13s. 11d.; making a total of £28,860. 17s. 10d. standing at the credit of a Suspense Account for re-construction and renewal of engines and cars at January, 1873.

11. As shown in the Engineer's Report, the main line is now laid with 154 miles of steel rails, leaving 75 miles of

iron to be replaced by steel this year. It will be seen that the effect of the use of steel rails is beginning to have a sensible influence upon the expenditure of this department. The first steel rails laid down three years ago on the heavy gradients are still wearing satisfactorily, whereas the iron rails formerly used on the Copetown incline failed before they had been twelvemenths in the track.

- 12. The pressure of the Through traffic during the past six months has entirely overtaxed the utmost resources of the Railway. The gross earnings of the main line during the half-year have amounted to \$11,165 per mile of railway. Some relief will be derived from the Loop Line, which was partially opened at the end of February last; but to enable this additional traffic to be economically and expeditiously carried, it will be necessary to double the existing main line from Windsor, its Western terminus, to its junction with the loop line at Glencoe, a distance of 80 miles—to lay down additional siding accommodation, and to provide further equipment of rolling stock for use on the whole system.
- 13. The Ordinary General Meeting of Shareholders will be made special, at which the Directors will ask for power to raise additional capital to the estimated amount of £1,000,000, for the purpose of doubling the Western portion of the line; to provide a further increase of rolling stock; and for other works rendered necessary for the future expected increase of traffic.
- 14. The Wellington Grey and Bruce Railway is now in operation, and worked by this Company from Guelph to

Southampton on Lake Huron, a distance of  $102\frac{1}{4}$  miles. The same working agreement has been entered into for the South Bruce Division of that line, from Palmerston to Kincardine, which is also a port on Lake Huron. This line will be 67 miles in length, and is expected to be completed in the ensuing season.

The interchanged traffic derived from the Wellington Grey and Bruce Railway has increased the Great Western main line earnings by £12,349. 8s. 8d., and the traffic brought on to the Galt and Guelph Railway has resulted in a profit on the working of that line of £1,903. 14s. 4d.

15. A line of railway under the title of the London Huron and Bruce Railway Company is in course of construction, commencing near London on the Great Western main line, and extending to Wingham, a station on the Wellington Grey and Bruce Railway, a distance of about 70 miles. An arrangement has been proposed to this Company to work the line, when completed, at 70 per cent. of its gross carnings, and to appropriate a sum equal to 20 per cent. of the traffic interchanged between the two companies, to be applied to the acquirement of the Bonds of the London Huron and Bruce Company at par—the issue of which is limited by their charter to \$12,000 per mile. The Directors recommend this for adoption.

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16. Since the issue of the last Report, many difficulties have arisen in the prosecution of the drainage Tunnel under the Detroit River, which was being undertaken at the joint expense of the Michigan Central and Great Western Companies. Should these difficulties prove to

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be insurmountable, it will be necessary to consider the alternative of the construction of a Bridge by the two companies, which it is estimated can be built at a less cost and with less delay than the Tunnel. It is of the most vital importance to ensure an unbroken through communication during winter with the Western States.

17. The Directors are glad to report continued unanimity to exist with the American railways in connection with this Company; and it has been mutually agreed with the Michigan Central Company that an adequate supply of rolling stock is to be provided by both Companies, in order more efficiently to carry out the one-purse system for the division of through traffic under the ten years' agreement.

18. The last Half-year's Report mentioned that an arrangement had been negociated with the Grand Trunk Company concerning the joint proprietorship of the international bridge at Buffalo, in course of construction. The Board have now to report that the Grand Trunk Board declined to seal the agreement drawn up by their own solicitor, without a preliminary payment of £20,000 by this Company; which the Directors having then no power to make, the Grand Trunk Company withdrew from the proposed agreement.

19. The receipts and expenditure of the Detroit and Milwaukee Railroad have been as follows for the year ending December 31st, 1872:—

Receipts						£000 000	10	
Expenses,	taxes, &c.					£283,890		11
	Balance t	o meet	Inter	est on	Bonds	 £90,753		7

Unfortunately the entire stoppage of the through Traffic, owing to the Harbours of Milwaukee and Grand Haven being frozen up during the past winter, has seriously impaired the earnings of the Company; but as this is a state of circumstances very rarely experienced, it should not be regarded as a permanent weakness of the Company.

On behalf of the Board of Directors,

THOMAS DAKIN.

President.

LONDON, 26th March, 1873.

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\*.\* A Form of Proxy for the signature of Proprietors is sent herewith.

### REPORT OF THE ENGINEER.

### ENGINEERING DEPARTMENT,

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### GREAT WESTERN RAILWAY,

HAMILTON, ONTARIO,

March 6th, 1873.

### TO THE PRESIDENT AND DIRECTORS.

Gentlemen,—I have the honour to submit to you the following Report upon the operations of my department during the Half-year ended 31st January, 1873:—

#### CHARGES TO REVENUE.

The total expenditure of this department during	the helf week	£	8.	d.
chargeable to Revenue amounts to		93,180	0	6
amounted to And as compared with the previous half-year end	ed 31st July			
last, which amounted to	· · · · · · · · · · · · · · · · · · ·	90,911	9	4

#### CHARGES TO CAPITAL.

During the past half-year the undermentioned New Works were executed, forming a charge to Capital Account:—

lst.—Roadway and Sidings.—Labour and materials used in laying down new and extending old sidings at Suspension Bridge, St.	£	8.	d.
David's, Thorold, StyCatherines, Jordan, Winona, Hamilton, Copetown, Lynden, Harrisburg, Paris, Woodstock, Ingersoll, London, Longwood, Petrolia, Chatham, Belle River, Windsor.			
and for six new stopping places west of Glencoe	11,358	10	6
1,300 tons of rails used in same	13,356		
Proportion of the cost of 5,000 tons of steel rails and 241 tons joint fastenings (£3 sterling per ton) laid in track. Payment to Michigan Central Railroad Co. for laying down a	15,723	0	
siding to freight shed at Detroit Extension of branch and siding at Brantford	554 1,226	6 8	6 10
Carried forward	42,218	9	2

	Brought forward	£	8.	d.	£ s.		
	dges and Culverts, Proportion of the						
cos	t of erecting a bridge over track in the	102	14	9			
Brd Bui	ddings and Wharfs.—Cost of building						
W	Catharine's, Brantford, London, and indsor	2,191	2	8			
Cost of	a freight warehouse and omces at Detroit,	6,120	7	10			
11'	building a Slip Dock for Ferry Steam- boat and Coal Wharf at Sarnia, on	375	2	7			
,,	account. dredging in front of wharfs at Hamilton, on account	1,939	0	2			
,,	ton, on account  new Station buildings at Belle River, on account  Engine-house at Petrolia Junction on	457	13	9			
"		237	19	0			
,,	Telegraph offices at Ingersoll and Windsor	49	0	10			
,,,	Platform and Baggage way at Harrisburg	145	17 1	8 2			
· ,, ·	Coal platform at Suspension Bridge		6				
,,	Coal-shed at Windsor	149	12				
,,,	Ice-house at Windsor, on account Roadway through Indian land in front						
,,	of wharfs at Sarnia, on account	143	16	9			
	New Tank at Chatham	51	1	10			
,,	Dwelling-house for Locomotive Foreman						
,,	Suspension Bridge	229	18	8	12,563	16	8
					£54,782	5	10

Total £36	97,863	; 8
" Wharis at Welland Canal and 200 2,952 5 11	13,081	1 10
Steel Rolls and fastenings		
Cost of Surveys and Engineering expenses, and travelling and incidental charges 205 993 3 0		
		4
West done by Company's men track-laying,		
Work done under contract between Giencoe and		
4thLoop LineGlencoe to Fort Erie		

Of the foregoing charges to Capital Account, it will be noticed that besides the proportionate charge for laying steel rails, the principal items against the Main Line and Branches are for new and extended sidings, for new freight house at Detroit, and for dredging at Hamilton, all of which works have been imperatively required to meet the increased traffic of the line. Thirteen miles of sidings have been added during the half-year, including six new places for passing trains west of Glencoe.

Glencoe Loop Line.—The laying of the rails from Glencoe to the junction with the Welland Railway, a distance of  $128\frac{1}{2}$  miles, was completed by the beginning of January, and in February the ballasting, laying of sidings, erection of buildings, water-tanks, &c., had been sufficiently advanced to allow of opening the line for a portion of the through freight traffic. Since the opening of the line a small number of ballast trains have been kept at work, and more active operations will be resumed in the spring.

The unusually early commencement, and severity of the winter, a still further increase in wages, and a necessity for pushing the work with the utmost speed, with a view to the relief of the Main Line, have all contributed to increase the cost of construction beyond what could have been fairly expected; but I am in hopes that Mr. Reid's estimates will not be materially exceeded.

The construction of the remaining 16½ miles of the line between the Welland Railway and Fort Erie has been carried on during the winter, and will be completed for use by the time the International Bridge is finished.

Welland Railway.—The laying of a third rail for the 4-ft. 8½-in. gauge between the Main and Loop Lines has been carried out, as have also the necessary extensions of sidings, improvement of signals, &c. The remainder of the work necessary to put the line in thorough repair, as called for by the lease, will be done during the ensuing summer.

London and Port Stanley Railway.—Immediately after taking pos session of this line on 1st September last, preparations were made for reducing the gauge to 4-ft. 8½-in., and this was completed early in October.

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There will be a further expenditure during the current half-year for placing the permanent way and structures of this line in thorough good order, as required by the lease.

# MAINTENANCE AND RENEWALS OF PERMANENT WAY

								11 23.	٠
Renairs and	Ponom	olC D	.,			£	8.	d.	
Repairs and	тепем	ars of Pi	ridges a	and Cul	vert	s 10,248	17	4	
"	"	Siding	3						
>+	"	Fences				0.010			
,,	"	Buildin	igs and	Wharfs	١.	. 4,998			
"	"	Signals	.,						
701 . "	"	Annua	ohoo					DENEZ GE	
Platelayers'	Wages	and over	no1	- 0	nain		14	9	
tenance, a 5,000 tons of laid in tra	steel r	ewars of	Perman	nent Wa			10	10	
80,200 sleepe	ore loid	in 41				16,126	0	7	
1.200 tons lo	ee bred	in track				4,943	16		
1,200 tons lo when take new rails v	when nl	compara	son wit	h weigh	t of				
track and s	bolts a	nd nuts,	spikes,		for	8,321	18	4	
Engine service	30	, and sin	an store	98.,		3,675	7	9	
Engineering	Superin	tondone	••	••		6,139	14	6	
- Boring	ouperm	епиенсе	••	••		1,201	9	7	
			Total		٠.	£93,180	0	6	

The total length of steel track laid on the main line up to the end of January, was about 154 miles, leaving 75 miles of iron rails to be replaced at that date. The changing of this remainder is being vigorously carried on, and nearly if not quite the whole will be accomplished during the current half-year from steel rails now on hand and in course of delivery. It is satisfactory to note that though the very severe frosts in January this year increased the total number of rails found broken in the track to three times the number in the same month of last winter, the steel rails suffered an increase breakage of only about 33 per cent. per mile, while the iron rail suffered an increase of about 250 per cent. per mile.

Very heavy snow storms in January entailed an expenditure of £1,453 in clearing the tracks of snow, and this, with a continued increase in the prices of labour, stores, and materials, and heavy renewals of

half-year line in

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plished in the num-

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re of crease als of bridges on the Toronto branch, have prevented so large a decrease in the maintenance expenses as would otherwise have resulted from the increased length of steel track, but notwithstanding these exceptional drawbacks, the subjoined table shows a marked decrease in the cost per train mile, and per ton of freight, this half-year, as compared with the corresponding period of 1871-2.

Half-year ending	Cost of Maintenance and Renewals.	Train mileage (earning revenue).	Cost per train mile (earning revenue).		Freight tonnage.	Cost per ton.	
31st January, 1867	£ s. d. 39482 7 3	638,117	'd. 13'8	\$ 0.28	233,388	d. 40.6	\$ 0.821
31st July, 1967	42,773 8 9	824,494	12:5	0 251	296,787	34.5	0.70
Blst January, 1868	43,589 11 8	828,476	12.6	0.251	284,985	36.7	0.743
31st July, 1868	51,028 8 4	847,279	141	0.281	285,733	41.9	0.85
31st January, 1869	48,535 17 4	937,825	12.5	0.251	338,911	34.4	0.693
lst July, 1869	58,602 13 11	962,496	14'5	0.501	375,576	36.9	
list January, 1870	76,784 8 6	980,843	18.8	0.381	399,790	46.1	0.75
lst July, 1870	88,539 6 7	1,059,429	20.0	0.403	460,948	46.1	0.937
lst January, 1871	90,925 1 2	1,136,111	19:2	0,384	465,058		0.937
1st July, 1871	84,740 19 9	1,178,071	17:6	0 355		46.8	0.95
1st January, 1872	105,691 5 6	1,807,716	19:3	0.391	527,831	39.9	0.791
lst July, 1872	90,911 9 4				610,307	41.5	0.847
lst January, 1873	93,180 0 6	1,418,318	15.4	0.317	652,871	33.4	0.67
J, 2010	00,100 0 6	1,520,866	15.4	0.31	684,418	32.5	0.66

The rapid destruction of the iron rails in portions of the main line and throughout the branches, under the excessively heavy traffic of the autumn and winter, as also the necessity for maintaining the 76 miles of third rail between London and Hamilton, instead of using it for repairs, as had been contemplated, have compelled the continued importation of steel rails during winter, viâ New York, and have also induced me to recommend that the policy of laying steel instead of iron be extended to the Toronto branch.

The stock of surplus rails is 7,056½ tons, valued at .. £51,554 12 10

Ditto steel rails and fastenings on hand and in transit . . . . . . . . . . . 80,641 0 0

£132,195 12 10

GALT AND GUELPH RAII Cost of maintenance, renewals, and water	way.—15	$\frac{1}{2}$ MILES	3. f-		
Veer				2 0	
The cost of the corresponding half-year	was		1,306		
				1	
Wellington Grey and Bruce Cost of maintenance for the half-year The cost of the corresponding half-year, miles were open, was		554	MILES, £6,018 2,312	15	2
LONDON AND PORT STANLEY R	ATTTELY	07	_		
C-1 0	AILWAY.	-27 MII	ES.		
Cost of maintenance for four months			£814	8	2
Welland Railway.  Cost of maintenance for one month	15 MILE		£146	11	9

At the end of November last, the Wellington Grey and Bruce Railway had been so far completed from Paisley to the terminus at Southampton, as to be in fair condition for working, and on the 29th of that month the first regular train was placed upon the line, and traffic was worked throughout the whole distance as far as Lake Huron. By arrangement it is agreed that the Wellington Grey and Bruce Company will complete the ballasting and other necessary work early in the coming summer. The cost of maintenance on this, as on the main line, has been increased by the snow-storms, The sum of £573.5s. 9d. has been paid up to 31st January, 1873, for clearing away snow by snow ploughs, and for labour in shovelling.

£146 11

#### DETROIT TUNNEL.

Soon after the date of last report the difficulties in the prosecution of the headings then mentioned became more serious, or returned in an aggravated form. The work in the Detroit side was so much retarded by an increased quantity of water, and by dangerous gases, that it was considered prudent to suspend operations at a distance of about 1,200 feet from the shaft, and incur no further expense until the ground on the Windsor side should be more thoroughly developed:

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The Windsor heading soon struck a very troublesome vein of water and quicksand at the level of the roof, and at a distance of 350 feet from the shaft it was considered best to raise the working some 10 feet, so as to run above the sand. On working forward on the new level a short distance, quicksand was again met with, and after struggling with this, and making slow progress until the middle of December, the contractors abandoned the work. Work was then resumed by employing the contractor's superintendent and men by daywork, and a new heading was commenced from the shaft at a higher elevation than the last, and in a slightly different direction. Work progressed very satisfactorily until reaching a point near the end of the former heading, when the same character of ground was again met with, and progress became very slow and expensive. Both headings were then worked forward by alternate working and draining, but without meeting better ground, and a total distance of 470 feet from the shaft was reached. Matters being thus discouraging, a meeting of the chief Officers and Engineers of the two Companies concerned was held in Detroit. It was then seen that after about one and a half-year's work only half the distance under the river had been penetrated by trial headings; that to do this had already occupied over twice the time and cost over twice the sum that was expected would be sufficient to prove the whole ground; and that in view of the extreme difficulty experienced in making the small headings, the practicability of constructing the main tunnel is rendered very doubtful, and even if practicable, the length of time and the amount of outlay required for completion cannot now be estimated. It was, therefore, decided to take preliminary steps with a view to the construction of a bridge across the river, affording the requisite facilities for the fast increasing railway traffic across the river. The surveys I had been previously instructed to make in order to determine a bridge site are now well advanced.

Doubling the Main Track from Glencoe to Windson. In anticipation of the absolute necessity for immediately construct.

ing a double track from the junction of the Loop Line to Windsor, a distance of 80 miles, I received instructions last month to prepare the necessary surveys and plans. These surveys are now in hand, and the work will be ready to be placed under contract as soon as the necessary authority may be obtained.

I have the honour to be,
Your obedient servant,
JOHN KENNEDY,
Chief Engineer.

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# REPORT OF THE LOCOMOTIVE AND CARRIAGE SUPERINTENDENT.

GREAT WESTERN RAILWAY,

MECHANICAL SUPERINTENDENT'S OFFICE,

HAMILTON, ONTARIO,

February 28, 1873.

## TO THE PRESIDENT AND DIRECTORS.

GENTLEMEN,—I beg to hand you the following Report upon the working of the Mechanical Department for the half-year ending January 31st, 1873.

## CHARGES TO CAPITAL.

During the past half-year, the undermentioned additions were

made to the Rolling Stock, forming a charge to Capital Account	t.
For 30 new Narrow gauge train	
Engines £88,161 2 8	
For 6 new four-wheel tank Shunting	
Engines 11,545 18 3	
For 1 Broad gauge Engine purchased	
from the London & Port Stanley	
Railway 1,027 7 11	
100,734	8 10
For 1 second-hand Steam Car 207 10 3	
For 10 new First class Cars 11,796 19 7	
For 3 new Post Offices, with Smoking	
Cars combined 1,910 19 2 '7.67° For 6 new Baggage Cars . 3,752 13 8	
For 6 new Baggage Cars 3,752 13 8	
For 30 new Freight Train Conductors'	
Cars 11,280 16 5	
Carried forward 28,948 19 1 100,734	3 10

Brought forward [	£28,948	19	1	100,73	1 8	10
For 130 new Blue Line Cars	18,570	3	3			
For 122 new 33-ft. Box Cars, delivered	.03					
on account of 350 Cars ordered	17,405	10	7			
For 100 new Stock Cars			10			
For 109 new Platform Cars, on ac						
count of 150 ordered		5	2			
For 56 Broad gauge Passenger, Bag-				(		
gage and Freight Cars purchased						
from the London & Port Stanley						
Railway, with cost of their conver-		1.				
sion to narrow gauge, and neces-						
sary renewals to fit them for Great						
Western Railway traffic	4,537	3 1	.0			
*			-	97,548	14	9
Y Total			£1	98,283	3	7
			=			_
CHARGES TO I						
LOCOMOTIVE DEI						•
The expenditure during the half-year	charge	able				
to Revenue amounts to		••	£1	01,592	5	3
As compared with corresponding h						
		••		71,540	0	7
CAR DEPART						
The expenditure during the half-year	charge	ble				
to Revenue amounts to				43,269	9	3
As compared with corresponding h	alf-year	of				
1872				34,781	18	0
LOCOMOTIVE DE	PARTMEN	T.				
Renewals.—The amount expended for			f E	ngines	duri	no
the half-year and included in the charge	es to Re	venu	e, is	as follo	ws:	
Balance of account for reconstruction						
gauge of the 6 Engines of the Norr				2,389	1	2
Continuation of account for re-cons	truction			~,000	•	~
Narrow gauge of 10 Engines of the S				1,718	4	8
		Jacobs			-	
T	otal	••	£	4,107	5	10

The proportion of the cost of reconstructing the above Engines rendered necessary by the alteration of gauge, is being charged to the "Change of Gauge Account."

The six Norris Engines are now completed.

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Owing to the great pressure of the traffic, our facilities have been too much absorbed by repairs to running engines to make any marked progress with the reconstruction of the ten Slaughter Engines.

In addition to the charges for repairs and renewals of engines, the unexpended sum of £11,422. 8s. 6d. has been charged during the half-year, and added to the "Reserve Fund" for future renewals of locomotives.

Repairs.—48 engines have received heavy, and 33 light repairs.

Stock of Engines—Broad Gauge.—During the half-year, in consequence of this Company leasing the London and Port Stanley Railway, and taking their Rolling Stock, one Passenger Engine has been acquired from that Company. From our own stock, two Passenger Engines have been sold. Ten Freight and three Passenger Engines have been cut up and sold as old material, and five more of the Slaughter Freight Engines have been taken into the shop for reconstruction to narrow gauge.

Narrow Gauge.—The balance of our Norris Engines, six in all, have been rebuilt and converted to narrow-gauge in the Company's shops. Sixteen new Passenger Engines, twenty-nine new Freight Engines, and ten new Shunting Engines have been added to stock during the half year. The Locomotive Fire Engine has been dispensed with, and is now working as a Narrow gauge Passenger Train Engine.

The following Table shows stock of Engines as at present:-

Description of Engines.	Broad gauge.		Narrow gauge.		Under re- newal and conversion to Narrow gauge.		Total,	
	July, 1872.	Jan., 1873.	July, 1872.	Jan., 1873.	July, 1872.	Jan., 1873.	July, 1872.	Jan., 1873.
Passenger	29	18*	31	52	4	,	64	70
Freight	.14	6	45	74	5	10	64	70
Shunting			7	17			7	17
Locomotive Fire- Engine	•••		•••	 1 - 7 - 1	•••		1	•
	·	24*		143	7	10		177
Compared with last Half-year	•••	43		84		9		136

Pumping Engines and Tanks.—In consequence of the great scarcity of water at London station, and to meet the heavy demands of the increased traffic, three additional new standard frost-proof tanks, with suitable pumping machinery, have been erected, one being in the London and Port Stanley Railway yard, one at the Westminster Bridge, and the third at the Grand Trunk Railway Crossing.

At Fergus an extra well has been sunk, and connected with the old one, to increase the water supply at that station.

<sup>\*</sup> Note.—Referring to the 24 remaining Broad Gauge Engines, seven of these have been sold since the close of the half-year, but not yet delivered; seven more are in use, although requiring heavy repairs, and the balance of ten are now so far run down as to be unfit for service unless repaired, but in view of their replacement in a few weeks with new Narrow Gauge Engines, it has been determined to let them remain in present condition for sale.

Glencoe Loop Line Water Service.—The Water Tanks and Pumping Machinery on this new line are being constructed and erected by this Department. Those at St. Thomas, Tilsonburg, Simcoe, and Cayuga are completed. The supply of water, however, at Tilsonburg is deficient, and extra piping has to be laid to a more reliable source. The Tank and Machinery at Fork's Creek are well forward. When the line is extended to Fort Erie, the remaining Tank service required will be proceeded with.

Turntables.—These are in good working order. All repairs required have been attended to.

Glencoe Loop Line Turntables.—These are being constructed in the works of this department. That for St. Thomas is completed and at work. One for Cayuga and one for Fort Erie are in hand.

Comparative Expenditure of the Locomotive Department.—The cost of Fuel for Engines has been greatly increased during the latter part of the half-year, owing to difficulties experienced by the wood department in maintaining the stock: unseasoned and uncut wood have consequently been supplied to Engines with the usual result of an increased consumption. This, together with the higher price paid for the fuel, has caused the comparative increase in the charges for this item. Coal is now being used in thirteen of the Engines in place of wood fuel, and as soon as the additional new Engines now building are delivered, we shall have thirty-seven Engines running as coal burners during the current half-year.

The following Table shows the Total expenditure of the Locomotive Department for seven consecutive half-years, including that now reported, and exclusive of charges for the Galt and Guelph Railway:—

	Half-Years ending Jan. 31st.									
	1867.	1868.	1869.	1870.	1871.	1872.	1873.			
Engine Mileage.	962,476	1,151,833	1,317,863	1,398,501	1,590,733	1,898,005	2,379,329			
Net Train Mileage	688,117	828,476	937,825	980,843	1,136,111	1,307,716	1,520,866			
Expenditure exclusive of Fuel	£28,388	£32,657	£34,578	£34,637	£36,265	£43,052	£60,996			
Cost per Engine Mile	7·09d.	6·81d.	6·30d.	5·93d.	5·47d.	5·44d.	6·14d.			
Expenditure for Fuel	£9,596	£16,124	£21,618	£21,350	£25,966	£28,488	£40,696			
Number of cords consumed	16,981	25,157	29,931	31,972	36,105	38,512	52,814			
Cost of Fuel per Engine Mile	2·39d.	3·36d.	≈ 3·94d.	3·67d.	3·91d.	3·59d.	4·10d.			
Reserve Fund charge for future renewals of Engines	••					£3,402	£11,422			
Total Expendi- ture	£37,984	£48,781	£56,196	£55,987	£62,231	£71,540	£101,592			
Cost per Engine Mile	9·47d.	10·16d.	10·23d.	9·61d.	9·39d.	9·04d.	10·24d.			
Cost per Train Mile	13·25d.	14·13d.	14·38d.	13·70d.	13·15d.	13·12d.	16·03d.			
Percentage on Earnings	11.48	12.19	13.30	13.20	14.01	13:46	17:07			
Percentage on Earnings ex- clusive of Re- serve Fund				. ,		1.				
charge	11.48	12.19	13.30	13.20	14.01	12.94	15.15			

#### CAR DEPARTMENT.

Renewals.—During the Half-year the sum of £4,452. 16s. 8d. has been expended on renewals of Car Stock. The following Cars have been reconstructed—2 First Class, 6 Second Class, 21 Box, 2 Cattle, and 3 Platform—Total 38 Cars.

140 new steel side springs, 324 new axles, and 1,077 new cast-iron chilled-wheels, have been supplied and charged during the half-year.

In addition to the charges for repairs and renewals of Cars, the unexpended sum of £3,271. 17s. 5d. has been charged during the half-year and added to the "Reserve Fund" for future renewals of Cars.

Repairs.—All repairs necessary for the proper maintenance of the stock have been attended to.

Stock of Cars.—On taking possession of the London and Port Stanley Railway, we acquired the following cars, which were at once repaired and renewed where necessary, and converted to narrow gauge in order to render them suitable to run on our main line trains.

- 3 Second Class.
- 2 Baggage.
- 32 Box and Excursion.
- 19 Platform.
- 56 Total.

In addition to the above cars from the London and Port Stanley Railway, the following have been supplied to the stock as per charges mentioned under capital account.

1 Steam Passenger Car, 10 First Class, 3 Post Office and Smoking Cars, 6 Baggage, 130 Blue Line, 122 new 33-feet Box Cars, 100 Stock Cars, 109 Platform Cars, and 30 Freight Conductor's Cars.

The following Table shows the present number of each class of Cars, including those above mentioned:—

Description of	Number.				
F:+ C!				July, 187	2. Jan., 1873
First Class	'	•••		83	93
Steam Car		•••	•••		1
Second Class and Smoking	•••			46	52
Post Office and Baggage				24	32
Baggage Van Flats				7	7
Conductors'				43	73
Blue Line				420	.550
Milwaukee Line Box				80	80
", Combination		1111		100	100
Michigan Line Box			•••	250	
" " (Saginaw Va			•••	50	250
T 99 4 - 4 Ct D			***		50
Box (Freight and Express) ar		- 1 D			122
		ed Door	•••	748	780
	• • •			160	260
Flat or Platform and 4-whee	eled Tir	nber truc	ks	536	664
Gravel and Construction (inc	luding	2 Snow-ple	oughs)	207	207
Total	i	:::	1	2,754	3,321

## Comparative Expenditure of the Car Department.

The following Table shows the expenditure of the Car Department for seven consecutive half-years, including that now reported, and exclusive of the "Galt and Guelph," Railway charges:—

	1,2	Half-years ending January 31st.									
	1867.	1868.	1869.	1870.	1871.	1872.	1873.				
Expenditure for Maintenance of Passenger Train Cars Mileage Cost per Mile	£5,248 2,446,992	,102									
Expenditure for maintenance of Merchandise cars	£11,867 5,425,152	£13,780 7,303,787 0·45d.	£13,442 9,665,832 0·33d,	£15,031 10,301,258 0·35d.		£25,304 17,591,678 0·34d.	£30,520 19,921,358 0:37d,				
Reserve Fund charge for future renewals of cars					ison i tu'se	2,055	£3,272				
Total Expenditure	£16,315 7,872,144	£22,212 0,436,463 1	£22,357	£27,182 3,662,892 1	£29,188	£34,782	£43,269 3,999,216				
Total cost per Mile all Cars	0·50d.	0.51d.	0.41d.	0·48d.	0·41d.	0·89d.	0·43d.				

#### STEAMERS.

"Great Western," "Union" and "Transit."—These are now in good working order. The "Union" was docked during the half-year, and received heavy repairs to her hull and engines, to fit her for winter service.

BUILDINGS AND TOOLS.

Are in usual fair condition.

A new Bolt Heading Machine has been added to the tools; also a Locomotive Hydrostatic wheel press has been purchased, at cost of Revenue, to replace a similar machine worn out.

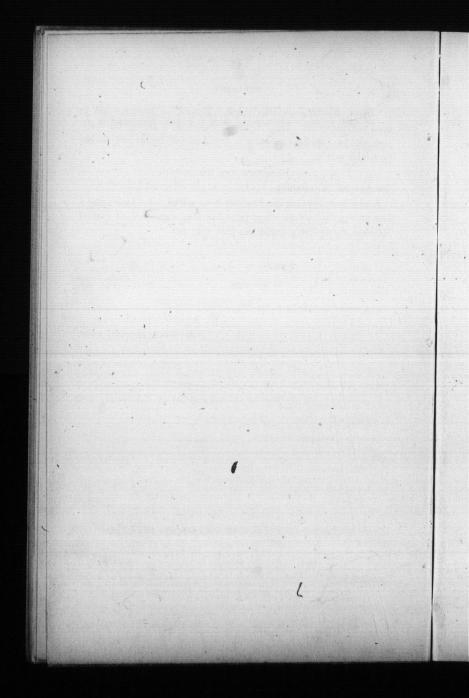
I am,

Gentlemen,

Your obedient Servant,

W. A. ROBINSON,

Mechanical Superintendent.



## GREAT WESTERN RAILWAY OF CANADA.

# At a General Meeting of Shareholders

OF THE

## GREAT WESTERN RAILWAY OF CANADA,

Held at the London Tavern, Bishopsgate Street, London, on Wednesday, the 9th April, 1873, at 12 o'clock.

Alderman Sir THOMAS DAKIN, President of the Company, in the Chair.

The Secretary read the Advertisement calling the Meeting.

The Minutes of the General Meeting of Shareholders held in London, on October 16th, 1872. were read and approved.

The Report and Accounts for the half-year ending 31st January, 1873, were taken as read.

It was proposed by the Chairman, seconded by Mr. Gilson

"That the Report and Accounts for the half-year ending 31st January, 1873, this day submitted, be received and adopted, and that a Dividend at the rate of 5 per cent. per annum on the Preierence Stock, and of 6 per cent. per annum on the Ordinary Shares, be now declared payable in London on 22nd April."

To which, as an amendment, it was proposed by Mr. Lewis Paine, seconded by Mr. T. Adams—

"That this Meeting considers the management of the Line for the last two years to have been most unsatisfactory, for whilst the traffic for the half-year ending January, 1873, as compared with January, 1871, shows a gross increase of £148,500, the amount applicable to dividend remains the same, the whole of the large increase being absorbed by increased working expenses."

On a show of hands being taken, the amendment was declared to be lost, and the original motion was adopted.

The Ordinary Half-yearly Meeting was then made Special.

It was proposed by the Chairman, seconded by Mr. Gilson Homan, and resolved...

- "That it is desirable to double the track from Windsor to Glencoc, and that the Directors be empowered to take the necessary steps to carry out the same."
- "That it is expedient to pay off terminable Bonds falling due by the creation and issue of Perpetual Debenture Stock in such proportion, at such rates, and in such manner, and at such price or prices as to premium or otherwise as the Directors may from time to time determine and resolve."
- "That the Directors are hereby anthorised to issue the balance of £600,180,12s., unissued Capital created by the Act of 1868, and also to issue the balance of £616,488, 7s. 1d. of unissued Capital created by the Act of 1869—together, £1,216,618, 19s. 1d., or so much of it as may be required, either as Ordinary Shares, or as Preference Stock, with option of conversion into Ordinary Shares, at such rate and in such manner as may by them be deemed advisable. Or the Directors may avail themselves of the powers vested in them consequent on the authority to issue the said Capital, by raising the whole or any portion of the said sum of £1,216,618, 19s. 1d., by way of perpetual Debenture Stock, at such price or prices as to premium or discount as from time to time they may deem advisable."

It was proposed by Mr. Lewis Paine, seconded by Mr. Alexander Beattle, and resolved-

"That the thanks of this Meeting be given to the Chairman and his Colleagues for their attention to the interests of this Company."

The Meeting then separated.

BRACKSTONE BAKER,

Secretary.

126, GRESHAM HOUSE,
OLD BROAD STREET,
London, 9th April, 1873.