

(No. 22.)



1868.

T A S M A N I A .

LEGISLATIVE COUNCIL.

**PUBLIC WORKS UNDER VARIOUS LOANS
ACTS: REPORT OF DIRECTOR.**

Laid upon the Table by Sir R. Dry, and ordered by the Council to be printed,
July 28, 1868.



Department of Public Works, Hobart Town, Tasmania, 27th July, 1868.

SIR,

PROGRESS Reports No. 32, of July, 1866, No. 13, of January, 1867, and No. 3, of 20th August, 1867, under the Public Works Acts, were submitted by me to the Government, and laid before Parliament.

I have the honor to supplement these Reports by Statements of Expenditure on the several Works undertaken and in progress, including Contracts since entered into.

I have the honor to be,
Sir,

Your very obedient Servant,

W. R. FALCONER, *Director of Public Works.*

The Honorable the Treasurer.

PATERSONIA AND RINGAROOMA ROAD.

The Works adverted to in my previous Reports have been completed, and the following new Contracts entered into:—

For forming and constructing road from the 2nd to the 8½ mile, under William Blyth's Contract, at £1650. For logging, not to exceed 10 chains, at £19 per chain; and for cutting side and catch drains, at 2s. 9d. per rod.

For a side-line cutting from the 8½ mile to the head of Meredith Valley, a distance of 6 to 6¾ miles, and for constructing culverts, &c. thereon, under John Hay & Co's. Contract, estimated cost £507 15s.

	£	s.	d.
Expended as per Return to Parliament, No. 3, 20th August, 1867....	2651	7	0
Since expended	1844	2	8
	£4495	9	8

BRIDPORT, SCOTT'S NEW COUNTRY, AND RINGAROOMA ROAD.

Works set forth in previous Reports completed.

The following new Contracts entered into:—

For forming two miles of road commencing at the termination of the Scottsdale Section, and for cutting drains and constructing culverts thereon, £542 6s. 1d., under Tender of Robert Miller.

For erecting Bridge over Tucker's Creek, Plan No. 1, at £275. Bridge over River Brid, Plan No. 3, at £520; and logging and gravel for ditto, not to exceed £55. Bridge over Great Forester River, Plan No. 2, at £200. Bridges over Parr's Creek, Parr's Rivulet, French's Creek and Ledgewood Rivulet, Plan No. 4, at £160. Bridges across hollows, Sections 1, F, G, H, and A, and B, Section 2, River Arnon, Plan No. 4, at £600, under Tenders of William Andrews.

For forming 3 miles and 30 chains of road through Scottsdale, commencing at the 10th mile tree and terminating at the commencement of the Ringarooma Road, under B. R. Watson's Tender, at £452. For cutting drains, at 1s. 10½d. per rod, and for constructing culverts, (large size), at 4s. 4d. per foot run; small size, at 3s. 10d. per foot run.

	£	s.	d.
Expended as per Return to Parliament, No. 3, 20th August, 1867....	4880	0	11
Since expended.....	1119	5	5
	<u>£5999</u>	<u>6</u>	<u>4</u>

I would here represent that to complete the road from Scottsdale to Ringarooma River and to bridge the Ringarooma River, would cost £5200; and from Scottsdale to the River Brid at Springfield, including bridges and culverts, £2200. To meet this outlay a sum of about £5400, in addition to the balance available on foot of Loans Bill 29 Vict. No. 2, under the respective heads of service, will be required to be provided if the discount on sale of Debentures is deducted from original Votes.

GOVERNMENT ROAD THROUGH FRANKLIN, HUON.

Road completed and handed over to Trustees of Huon District in March last.

	£	s.	d.
Expended as per Return to Parliament, No. 3, 20th August, 1867	2072	14	6
Since expended	86	17	1
	<u>£2159</u>	<u>11</u>	<u>7</u>

WEST TAMAR ROAD.

Works on the line between Launceston and Green's Creek, carried on by Road Trustees under control and direction of a Board appointed by the Government.

	£	s.	d.
Expended as per Return to Parliament, No. 3, 20th August, 1867	1009	3	0
Since expended		<i>Nil.</i>	

ROAD FROM WEST TAMAR TO GREEN'S CREEK.

No expenditure beyond that already reported has been incurred.

	£	s.	d.
Expended as per Return to Parliament, No. 3, 20th August, 1867	1922	18	7

£600 is reserved under this head for additional work on line; and the balance of Vote is included in Act 31 Vict. No. 23, for Works in the Counties of Devon and Wellington.

ROAD FROM CAMBRIDGE TO BLUFF FERRY.

The forming of the line, and constructing same ready for rubbing and metalling, were performed by daily labour under this Department. The contract for rubbing and metalling 1st and 2nd Sections to the extent of 531 rods has been completed.

	£	s.	d.
Expended as per Return to Parliament, No. 3, 20th August, 1867	1750	12	4
Since expended	201	7	0
	<u>£1951</u>	<u>19</u>	<u>4</u>

BRIDGE OVER RIVER FORTH.

Work completed as set forth in previous Report.

	£	s.	d.
Expended as per Return to Parliament, No. 3, 20th August, 1867	1999	19	1

BRIDGE OVER RIVER LEVEN.

Work completed as set forth in previous Report.

	£	s.	d.
Expended as per Return to Parliament, No. 3, 20th August, 1867	3643	12	2
Since expended in screwing up bolts and timbers of bridge, &c.	26	14	0
	<u>£3670</u>	<u>6</u>	<u>2</u>

BRIDGE OVER PROSSER'S RIVER.

Completed, as set forth in previous Report.

Expended—as per Return to Parliament, No. 3, 20th August, 1867.....	<u>£2052</u>	<u>11s.</u>	<u>11d.</u>
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ULVERSTONE ROAD.

My previous Reports give the particulars of the Expenditure upon this line under Loans Bill, 29 Vict. No. 2, amounting to £1465 5s. 10d.

The residue of Vote has been set apart for the construction of Works in Schedule of Act 31 Vict. No. 23.

NORTH WEST BAY AND SANDFLY TRAMWAY.

Expended—as per Return to Parliament, No. 3, 20th August, 1867.....	<u>£934</u>	<u>19s.</u>	<u>11d.</u>
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The residue of the Vote has been set apart for the construction of Works in Schedule of Act 31 Vict. No. 23, Huon District.

PORT CYGNET ROAD.

The Road $3\frac{1}{4}$ miles has been, under H. Chesterman & Co.'s Contract, finally completed.

	£	s.	d.
Expended—as per Return to Parliament, No. 3, 20th August, 1867.....	2201	9	8
Since expended	2276	10	8
	<u>£4478</u>	<u>0</u>	<u>4</u>

ROAD LEADING FROM SOUTHPORT TOWARDS PORT ESPERANCE.

The Works under Fitzpatrick & Co.'s Contract, for constructing Slab-road with Bridges and Culverts, are bordering on completion; and the road has been opened to the extent of 3 miles to the settlers and splitters for traffic.

	£	s.	d.
Expended—as per Return to Parliament, No. 3, 20th August, 1867.....	634	12	11
Since expended	1276	10	10
	<u>£1911</u>	<u>3</u>	<u>9</u>

TRAMWAY LEADING FROM PORT ESPERANCE TOWARDS SOUTHPORT.

	£	s.	d.
Expended—as per Return to Parliament, No. 3, 20th August, 1867.....	3	15	0
Since expended in cutting a Track $2\frac{1}{2}$ miles, under Patrick Hill's Tender	20	0	0
	<u>£23</u>	<u>15</u>	<u>0</u>

The residue of the Vote is included in the Act 31 Vict. No. 23, for Works in the Huon District.

DOVER AND WALPOLE ROAD, PORT ESPERANCE

The Works under M'Donnell & Co.'s Contract, for constructing a Slab-road to the extent of 2½ miles with Bridges and Culverts, have been thrown open for traffic; and the erection of the Jetty has been commenced, and will be finished about the end of September.

	£	s.	d.
Expended—as per Return to Parliament, No. 3, 20th August, 1867.....	1016	19	11
Since expended	618	13	6
	<u>£1635</u>	<u>13</u>	<u>5</u>

FRANKLIN TRAMWAY.

No further expenditure has been incurred on this work, except the payment of an outstanding claim of £5 8s.

	£	s.	d.
Expended—as per Return to Parliament, No. 3, 20th August, 1867	485	1	4
Since expended	5	8	0
	<u>£490</u>	<u>9</u>	<u>4</u>

The residue of the Vote has merged into the provision made by 31 Vict. No. 23, for Works in the Huon District.

RIVER CAM TRAMWAY.

Vide previous Report.

Expended—as per Return to Parliament, No. 3, 20th August, 1867	£104	11s.	9d.
Since expended		Nil.	

The residue of the Vote has been set apart to be appropriated under the Act 31 Vict. No. 23, to Works in the Counties of Devon and Wellington.

COMPLETION OF SORELL CAUSEWAY.

Carried on by the Trustees appointed by the Government, under the provisions of *The Sorell Causeway Act*.

	£	s.	d.	£	s.	d.
Expended—as per Return to Parliament, No. 3, 20th August, 1867, under 29 Vict. Nos. 1 and 2.....	37	10	0			
Since expended	2550	15	0			
				<u>2588</u>	<u>5</u>	<u>0</u>
Expended—as per Return to Parliament, No. 3, 20th August, 1867, under old Acts	4476	0	0			
Since expended	2000	0	0			
				<u>6476</u>	<u>0</u>	<u>0</u>
				<u>£9064</u>	<u>5</u>	<u>0</u>

NOTE.—Payments have been made by the present Trustees to the extent of £7122 2s.; of which amount £6000 has been paid to Mr. Thomas Oldham to date, on account of his Contract in carrying out the Works.

WORKS under the Act 31 Vict. No. 23, authorising the application of Moneys to arise from the Sale of Debentures issued under the Act of 1865, to be applied in the Construction and Completion of the under-mentioned Works:—

FOR WORKS IN THE HUON DISTRICT.

For Completion of the Direct Huon Road from Hobart Town to Leslie, Victoria, and Port Cygnet. Vote £12,500.

That portion of the road leading from near Cooney's towards Victoria Township is in course of formation and construction. Repairs to and metalling other portions of the road are also being proceeded with. Tenders

have been accepted for 1200 cubic yards of metal between Grubb's Quarry and Brown's River Creek, at 5s. 6d. per cubic yard; and for the supply of 6000 Slabs, between the 9th mile and bridge at Leslie, at £1 18s. per 100; and for 7000 Slabs between bridge at Leslie and Mr. Combe's cleared land, at £2 2s. per 100.

The Tenders of Messrs. John Hay & Co. have been accepted for clearing, forming, slabbing, metalling, bridging, and putting in culverts and other works on that portion of the New Huon Road commencing at the creek near the 12th mile mark and terminating at the south-west boundary of A. Crawford's land, a distance of $3\frac{3}{4}$ miles, at £3207 14s.; for constructing extra culverts, at 9s. per lineal yard, and cutting drains at 9s. 6d. per chain; also for clearing, forming, logging, bridging, slabbing, putting in culverts and other works on that portion of the road commencing at the south-west line of Crawford's, near the 16th mile mark and terminating 4 chains west of Blackfish creek, a distance of about 2 miles and 16 chains, at £803 11s., and for cutting catch drains, not exceeding 90 chains, at 9s. 6d. per chain.

I deemed it desirable to invite Tenders for this portion of the work, and to recommend that it should be carried out by public Contract. The reason of this arises from the fact that the class of labour employed under the immediate supervision of this Department on the other portion of the line, *and for which the Government had to find work in order to afford relief to the "unemployed" and their families*, is in many respects unskilled and of a very inferior description; and the mode of payment in regard of allowance to married men on account of children under 12 years of age most unsatisfactory and pauperising.

In prosecuting works under the system of daily paid labour, and with proper supervision, I submit that payment should be made to the men according to the skill and capacity which each exhibits in carrying out his day's work, and not on account of the number of children he has depending upon him for support.

	£	s.	d.
Expended as per Return to Parliament, No. 3, 20 Aug., 1867, under Act 29 Vict. No. 2.	15,167	10	5
Expended to date, under Act 31 Vict. No. 23.....	2,092	4	7

For the Construction of a Bridge over Port Esperance River. Vote £350.

The Tender of James Porter, a practical carpenter and builder, has been accepted at £335 for a trussed pile bridge over the Esperance Narrows, at an elevation of 5 feet above high-water mark. This bridge connects the Southport Main Road with the Dover and Walpole Road.

Expended to date..... £13 12s. 0d.

FOR WORKS IN THE COUNTIES OF DEVON AND WELLINGTON.

For the Construction of a Road from the River Leven to the River Blythe. Vote £2400.

The Tender of Henry Jowett for the erection of a wooden pile bridge over the Penguin Creek in three spans, with a water-way of 73 feet and approaches, has been accepted, at £240.

That of James A. Fogg has also been accepted for forming 1st and 2nd Sections of road from the west end of the Leven Bridge to Penguin Creek, a distance of 6 miles and 74 chains, at £447 for Section 1, and £514 for Section 2; and for cutting extra drains, if required, at 6s. per rod; for constructing extra culverts, if required, at £3 each; and for erecting additional 3 rail fencing, if required, at 3s. 6d. per rod.

Expended to date..... £106 0s. 2d.

For constructing Bridges and clearing Tracks between Table Cape, Circular Head, and the Duck River. Vote £6000.

The Tender of Robert Miller has been accepted for clearing line of road from the top of the east bank of the Big Creek at Wynyard to the east boundary line of Walsh's land, near Jacob's Boat Harbour, a distance of about 5 miles, at £137 per mile.

The Tender of John Bauld has been accepted for clearing and forming about 68 chains of road, commencing at the Surveyor's Peg, corner of Goldie and Saunders-streets, at Wynyard, and terminating at the top of the east bank of the Big Creek, including drains 5 feet at top and 3 feet at bottom, as per specification, at £2 5s. per chain; for constructing Wooden Culverts at 2s. 8d. per foot run, and for cutting such Waste Drains as may be ordered by the Director of Public Works, at 10s. per chain.

The Tender of Messrs. Cross and Morey has been accepted for clearing a Track, 15 feet wide, from the Detention River to Mr. Walsh's land, near Jacob's Boat Harbour, a distance of about 15 miles, at £13 per mile.

The Tender of Mr. N. Simmons has been accepted for marking and cutting a Track 10 feet wide, with gradients not to exceed 1 in 10, from the Detention River to Smithton at the Duck River, and to clear all standing and fallen timber, and to log all soft places, making a good clear Track of the width stated, and passable for horse traffic at £12 per mile.

Also, for clearing and laying out a road, 15 feet wide, and erecting Bridges 12 feet wide over creeks from the site of the proposed bridge over the Detention River to the north boundary of Mr. House's selection, thence along said boundary to the new line of road from the Detention to Wynyard, a distance of $2\frac{1}{2}$ to $2\frac{3}{4}$ miles at £30 per mile.

Also, for erecting a good Bridge for horse and foot traffic over the Detention River, 108 feet in length, covered with 7-feet slabs, trenailed at both ends, with hand rail, at £35. For clearing a Track on the west side of the Detention, 15 feet wide, and bridging creeks and making suitable for traffic, from the bridge over the Detention River to where the road strikes the coast, at £25. And for erecting a bridge for horse and foot traffic about 60 feet long, across the mouth of the Sister's Creek, at £15.

Tenders have also been invited for erecting Bridges over the River Inglis and Big Creek near Wynyard; and for Bridges over the Detention and Crayfish Rivers, between Table Cape and Circular Head.

Expended to date £402 17s. 6d.

For the Construction of a Road from Ulverstone to Dooley's and Gunn's Plains. Vote £8000.

Tenders were received for forming the 1st Section of 4 miles on this line in April last, but the lowest tenderer having failed to comply with the preliminary conditions, fresh Tenders were invited.

Mr. Frith has been employed in pegging and setting out the line, of which plans, sectional drawings, and specifications have been prepared, and Tenders invited, for the Works therein described and set forth.

The Tender of Messrs. Geo. M'Donald, Jun. and James A. Fogg for the work required to be performed on the 1st Section of 4 miles of road in accordance with descriptive particulars, and in conformity with the plans and specification, including three chains of road near the jetty to be levelled and metalled one chain wide, and the whole of the remaining portion to be slabbed and rubbled at ends of slabs, at £3332; and for extra Ditching or Drains, if required, at 7s. 6d. per chain; extra four-rail Fencing, if required, at 5s. per rod; extra Culverts, if required, at 5s. per foot run, has been accepted.

Tenders have also been invited for constructing the 2nd Section of 4 miles, commencing at the 4th and terminating at the 8th mile, and for erecting Bridges and Culverts thereon.

Expended to date £95 18s. 6d.

For Road from Elizabeth Town to La Trobe. Vote £1000.

A preliminary examination and inspection of the projected line of road, and a survey of the line from the Rubicon to near La Trobe, has been authorised under a tender of Mr. Surveyor Dooley, at £8 per mile.

Expended to date Nil.

UNDER PUBLIC WORKS ACT, 31 VICT. No. 24.

For new Buildings and the purchase of Premises for the Asylum, New Norfolk. Vote £2300.

Expended in purchase of Cottage on Lachlan Rivulet as a residence for Assistant Surgeon, Hospital for the Insane, New Norfolk £395.

For Alterations, Repairs, and Fittings to the Premises at the Cascades Pauper Establishment and House of Correction for Females, Hobart Town. Vote £600.

Expended in alterations, repairs, and in fitting up portions of building for Pauper Establishment, under above Vote, to date, £281 4s. 8d.

For Alterations, Repairs and Fittings to the Old Military Barracks, Launceston, to adapt the same for occupation as a Pauper Establishment. Vote £400.

There has been expended in alterations, &c. to date £256 6s. 5d.

For laying down Water Pipes and Fire Plugs to the several Public Buildings in Hobart Town and Launceston. Vote £700.

Fire Plugs have been laid down at Hobart Town with mains and connecting pipes, by the Corporation, at—

Government House.....	8
Gaol and House of Correction for Males.....	4
Ditto for Females, and Cascades Pauper Establishment.....	5
Court House Yard Stone Shed.....	1
Public Buildings, Murray and Macquarie-streets.....	2
Survey and Government Printing Office Buildings.....	1
Customs and Parliamentary Buildings.....	2
General Hospitals, Hobart Town.....	5
Brickfields Invalid Depôt.....	2

At a cost of £518 12s. 8d.

The Government has arranged with the Corporation of Launceston to lay down Fire Plugs and appliances to the General Hospital, Gaol and Penitentiary, and to Bonded Warehouse and Customs Buildings, Launceston, at an estimated cost of £166 5s.

Expended to date..... £518 12s. 8d.

For Buildings for Watch-houses, and for the use of the Police, &c. throughout the Colony. Vote £1000.

A Watch-house has been erected on the George Town road, about 8 miles from Launceston, under tender of George Wright, at £156.

The Building, which is a wooden framed one, consists of two rooms 14ft. × 12ft., ward 14ft. × 12ft., and two cells 10 ft. × 5 ft. 7½ in.

The Tender of Thomas H. Taylor has been accepted, for enclosing the Police Reserve at this Station with a good substantial post and 4 rail fence, at 4s. 6d. per rod.

The Tenders of Messrs. Phillips & Rawnsley, for the erection of Watch-houses similar to above, at Ulverstone, (River Leven,) and Kentish Plains, at £191 each, have also been accepted.

The Tender of Herman Busch, at £95, for the erection of a Watch-house on the Crown Reserve at Ironstone Creek, Huon District, and for erecting a good substantial post, rail, and paling fence, at 7s. 6d. per rod, has been accepted.

The building is a weather-boarded one of three rooms, one 16 ft. × 12 ft., one 12 ft. × 12 ft., and one 12 ft. × 6 ft., and cell 11 ft. 6 in. × 6 ft.

Expended to date..... £288 15s. 8d.

For cutting Tracks through Crown Lands with the view of rendering them available for Settlement. Vote £2000.

Tracks have been cut at the Upper Huon for a distance of about 5 miles, to facilitate exploration. For the first mile and a half the track is 10 feet wide, and beyond this 6 feet wide, with branch or trial tracks. These tracks open up extensive grassy plains, and a large area of good land, near the Township of Hull, the River Arve, and Dickenson's Creek.

Tracks are also being cut in the Sandfly Basin. These works are carried out under the immediate supervision of this Department by Alfred Hall, an experienced bushman, with good labourers employed under him.

A Contract with Thomas Durey for clearing 3 miles of a track 15 feet wide in the Sandfly Basin, at £14 per mile; for a ten feet track, at £11 per mile; and for a side cutting on the line, at £10 per mile, is now being carried out. This work when completed will open up about 1500 acres of very fine land in the Basin.

Devon.—A road has been marked and cleared 10 feet wide of all standing and fallen timber, and made passable for horse traffic for a distance 2½ miles from the "Pine Road," west of the Penguin Creek, to the Van Diemen's Land Company's old track, between the Rivers Blythe and Medway, under a contract with Mr. James Smith, at £12 10s. per mile.

Tracks have also been cut 6 feet wide for a distance 8 miles, to be extended to 10 miles, under tender of James Kelly, at Springfield, and up the valleys of the Rivers Brid and Forester.

Expended to date on above Works..... £650 15s. 5d.

W. R. FALCONER, *Director of Public Works.*

27th July, 1868.

SUMMARY of Expenditure on the under-mentioned Works to 27th July, 1868, under Public Works Acts.

HEADS OF SERVICE.	AMOUNTS.			TOTAL.
<i>Under 29 Vict. Nos. 1 and 2 of 1865.</i>				
	£	s.	d.	
The Patersonia and Ringarooma Road ..	4495	9	8	
The Bridport, Scott's New Country, and Ringarooma Road ..	5999	6	4	
Part of Direct Huon Road from Hobart to Leslie ..	15,167	10	5	
The Government Road through Franklin, Huon ..	2159	11	7	
West Tamar Road ..	1009	3	0	
Road from West Tamar to Green's Creek ..	1922	18	7	
Road from Cambridge to Bluff Ferry ..	1951	19	4	
Bridge over River Forth ..	1999	19	1	
Bridge over River Leven ..	3670	6	2	
Bridge over Prosser's River ..	2052	11	11	
Ulverstone Tramway, running southerly ..	1465	5	10	
North West Bay and Sandfly Tramway ..	934	19	11	
Port Cygnet Tramway ..	4478	0	4	
Tramway leading from Southport towards Port Esperance ..	1911	3	9	
Tramway leading from Port Esperance towards Southport ..	23	15	0	
Dover and Walpole Tramway, Port Esperance ..	1635	13	5	
Franklin Tramway ..	490	9	4	
River Cam Tramway ..	104	11	9	
				51,472 15 5
<i>Under 29 Vict. Nos. 1 and 2; to 27th July, 1868. (Completion of Sorell Causeway) ..</i>	..			2588 5 0
				54,061 0 5
<i>Under old Acts; to 27th July, 1868. (Ditto.) ..</i>	..			6476 0 0
<i>Under 31 Vict. No. 23.</i>				
For completion of the Direct Huon Road, from Hobart Town to Leslie, Victoria, and Port Cygnet ..	2092	4	7	
For the construction of a Bridge over the Port Esperance River ..	13	12	0	
For the construction of a Road from the River Leven to the River Blythe ..	106	0	2	
For constructing Bridges and clearing Tracks between Table Cape, Circular Head, and the Duck River ..	402	17	6	
For Road from Ulverstone to Dooley's and Gunn's Plains ..	95	18	6	
				2710 12 9
<i>Under 31 Vict. No. 24.</i>				
For new buildings, and the purchase of premises for the Asylum, New Norfolk ..	395	0	0	
For alterations, repairs, and fittings to the premises at the Cascades Pauper Establishment, and House of Correction for Females, Hobart Town ..	281	4	8	
For alterations, repairs, and fittings to the old Military Barracks, Launceston, to adapt the same for occupation as a Pauper Establishment ..	256	6	5	
For laying down Water Pipes and Fire Plugs to the several buildings in Hobart Town and Launceston ..	518	12	8	
For Buildings for Watch-houses, and for the use of the Police, &c. throughout the Colony ..	288	15	8	
For cutting Tracks through Crown Lands, with the view of rendering them available for settlement ..	650	15	5	
				2390 14 10

TOTAL Expenditure to 27th July, 1868.

	£	s.	d.	£	s.	d.
Under Act 29 Vict. Nos. 1 and 2 ..	51,472	15	5			
Sorell Causeway, under 29 Vict. Nos. 1 and 2 ..	2588	5	0			
				54,061	0	5
Ditto, under old Acts ..	..			6476	0	0
Under 31 Vict. No. 23 ..	..			2710	12	9
Under 31 Vict. No. 24 ..	..			2390	14	10
				£65,638	8	0

27th July, 1868.

W. R. FALCONER, *Director of Public Works.*