

1924.
NEW ZEALAND.

DEPARTMENT OF LANDS AND SURVEY.

DRAINAGE OPERATIONS IN HAURAKI PLAINS.

REPORT FOR THE YEAR ENDED 31st MARCH, 1924, TOGETHER WITH STATEMENT
OF ACCOUNTS.

Presented to both Houses of the General Assembly pursuant to Section 10 of the Hauraki Plains Act, 1908.

SIR,— Department of Lands and Survey, Wellington, 5th August, 1924.
I have the honour to present herewith the report of the Chief Drainage Engineer on operations carried out during the past year on the Hauraki Plains in accordance with the provisions of the Hauraki Plains Act, 1908.

The wisdom of having provided up-to-date excavating machinery is increasingly noticeable, as this year's output by machines shows a substantial increase, accompanied by a reduction in cost of about 1d. per cubic yard.

I have, &c.,

The Hon. A. D. McLeod, Minister of Lands.

J. B. THOMPSON,
Under-Secretary for Lands.

REPORT OF CHIEF DRAINAGE ENGINEER.

SIR,— I have the honour to submit herewith the sixteenth annual report on the progress of the reclamation, drainage, and general development works carried out on the Hauraki Plains. The report covers the work done during the year ending 31st March, 1924.

The progress made with the works has been satisfactory, but an exceptionally wet winter, followed by a dry summer, has been the cause of somewhat unfavourable conditions for the settlers. Alluvial soil after becoming saturated and pugged during the winter was baked hard during the summer, with the result that returns have been below expectations. These conditions emphasize the need for more field drainage by lateral ditches or tile drains to quickly convey the water to the outlets. The peat land was not affected, and settlers with peat land in pasture experienced a more favourable season.

The output from the factories handling the dairy-products of the plains has been 3,987,200 lb. of butter and 2,517,760 lb. of cheese. The value of stock-sales held at Ngatea, Turua, Waitakaruru, and Patetonga was approximately £26,600, and the amount of cargo carried to and from the Piako River was over 9,300 tons.

The total rainfall at Kerepechi was 52·42 in., and rain fell on 171 days during the year.

The following schedule gives particulars of rainfall for the past eight years :—

Year.	Total Rainfall.	Wettest Month, and Fall.	Driest Month, and Fall.
1916-17	55·57 in.	Nov., 1916—6·65 in.	Jan., 1917—0·65 in.
1917-18	46·41 in.	April, 1917—5·67 in.	Dec., 1917—2·18 in.
1918-19	41·02 in.	Oct., 1918—7·47 in.	Feb., 1919—1·34 in.
1919-20	34·85 in.	Feb., 1920—6·10 in.	Dec., 1919—0·89 in.
1920-21	35·93 in.	Sept., 1920—5·10 in.	Feb., 1921—0·72 in.
1921-22	46·34 in.	Feb., 1922—6·62 in.	Nov., 1921—1·34 in.
1922-23	33·81 in.	Jan., 1923—4·14 in.	Mar., 1923—1·72 in.
1923-24	52·42 in.	April, 1923—9·76 in.	Nov., 1923—1·81 in.

The average yearly rainfall for the past eight years was 43·29. Last year's fall was therefore a good deal above the average.

The following is a summary of the main features of the year's work :—

DREDGES.

Two useful additions to the dredging plant have been made during the year.

A Kingston grab-dredge commenced operations in June, and a large steam dipper-dredge has recently commenced work. A second plant of similar type will shortly be put in commission. All these dredges have been assembled at Kerepechi on pontoons constructed on the works.

The dredges excavated 508,654 cubic yards during the year, at average cost of 7·27d. per cubic yard.

No. 1 Priestman dredge has been working in the Waitoa River, where channel-silting is extremely troublesome. The quantity excavated was 29,250 cubic yards, at cost of 11·24d. per cubic yard. This dredge has been working continuously for a period of over fifteen years, and is now being dismantled for extensive renewals and repairs to the machinery, and the pontoon will have to be docked as soon as a slipway can be constructed at Kerepechi.

No. 2 Priestman dredge is on the Maukoro Canal, and is now 3 miles 60 chains from the Waitakaruru road-bridge. The machinery of this dredge has been overhauled and improved by substituting grooved-friction for the original smooth-friction drive.

Electric light has also been installed, and the plant is now working two shifts. The hand-dug drains on the canal route have been deepened with the object of consolidating the land ahead of the dredge, where the peat is from 13 ft. to 25 ft. deep. This dredge excavated 36,652 cubic yards, at an average cost of 9·11d. per cubic yard.

No. 6 Priestman dredge has been operating in the Piako River between Kerepechi and Ngatea. This dredge has also been remodelled and equipped with grooved-friction drive, and is now a very efficient plant. The output was 47,100 cubic yards, at cost of 6·71d. per cubic yard.

No. 11 Kingston dredge is a recent addition to the plant, and was assembled in the local yards on a substantial pontoon built last year at Kerepechi. It is doing excellent work in the Piako River, and the effect of the river-improvement works is apparent in the lowering of the low-water level at Kerepechi. The output for ten months was 70,074 cubic yards, at the cost of 6·07d. per cubic yard.

No. 15 Bucyrus drag-line has been constructing stop-banks and roads on the Kerepechi Block, and also widening the Awaitei Canal. This dredge handled 104,810 cubic yards of spoil, at a cost of 5·2d. per cubic yard.

No. 16 Bucyrus drag-line has been widening the Puhanga Canal, and having completed the work on the eastern bank is now removing the old stop-bank road preparatory to widening the western side of the canal. Two shifts are being worked, and a half-yard bucket is being used with extended boom. The quantity excavated was 105,980 cubic yards, and the cost 7·50d. per cubic yard.

No. 19 Michigan walking-dredge has been constructing road-drains on the Kerepechi Block, and is now excavating a large collecting-ditch parallel to the Awaitei Canal. Good progress was made in dry country, but flood-water made operations difficult during the winter. This dredge excavated 40,733 cubic yards, at 10·11d. per cubic yard.

No. 20 Rood land-dredge has commenced work on a block of land lying to the south of the Kerepechi Block, and between the Awaitei Canal and the Piako River, known locally as the Awaitei Block. This machine handled 74,053 cubic yards, at 7·37d. per cubic yard.

No. 23 American steel dipper-dredge is a further addition to the plant recently erected at Kerepechi, and has commenced work in the Awaitei Canal extension. This is a large steam-dredge equipped with a one-and-a-half-yard dipper, and as the operators gain experience will prove an efficient digger.

The following table shows the amount of spoil dredged and machine-excavated and cost per cubic yard for the past ten years :—

Year.	Cubic Yards.	Cost per Cubic Yard.	Year.	Cubic Yards.	Cost per Cubic Yard.
1914-15 ..	176,196	2·67d.	1919-20 ..	138,310	6·90d.
1915-16 ..	146,905	3·35d.	1920-21 ..	158,865	7·42d.
1916-17 ..	161,674	3·40d.	1921-22 ..	246,022	7·29d.
1917-18 ..	130,664	2·53d.	1922-23 ..	440,092	8·20d.
1918-19 ..	125,196	4·87d.	1923-24 ..	508,654	7·27d.

CENTRAL DISTRICT.

In this district several miles of road-formation have been completed, principally on the Kerepechi Block, where the roads are formed from spoil of the machine-dug drains. The Puhanga Canal Stop-bank Road has been formed on the east side, and the Ngaurua Canal Stop-bank Road raised to finished level and formed. The Kaikahu and Pekapeka and some Kerepechi Township roads have also been formed. A three-foot-gauge tramway has been laid for a distance of 4 miles 43 chains on the formation of the Puhanga-Torehape Road, and 18,190 fascines laid, and 2,270 cubic yards of clay have been carted on to this road. Repairs were effected to the Ngatea West Road. The metalling of the Orchard East and River-bank Road between Ngatea and Paul's Wharf was completed, 1,194 cubic yards of metal being used; and 3,650 cubic yards of metal were spread on the Kerepechi-Kaihere Road; 900 cubic yards of metal were also used in completing the remetalling of the Ngatea East and Kerepechi-Kopuarahi Roads. A new road is being constructed on the western bank of the Puhanga Canal, and a large collecting-ditch constructed parallel to the canal and discharging into a large two-barrel concrete flood-gate on the Piako River. A new permanent bridge, 107 ft. span, and also a temporary bridge have been built across the Puhanga Canal, and three small road-bridges and several culverts and flood-gates completed in this locality.

A large amount of ditch-construction has been carried out, and also all outlet drains cleaned, and many widened and deepened. At a poll recently taken, the ratepayers of the Horahia-Opou Special Drainage District sanctioned a loan of £1,450 for drainage-improvement works, which are being carried

out by this Department. The depot at Kerepechi is now a busy centre, where a large gang of men is employed receiving and distributing fuel, stores, and materials, repairing and erecting plant, and a variety of other works.

WAITAKARURU DISTRICT.

The drainage of the land in the vicinity of the Maukoro-Waitakaruru Canal has been receiving attention, and a great deal of work done, which should hasten the process of bringing into profitable occupation a large area which, with the excellent outlet provided by the canal, will eventually be some of the best land on the Hauraki Plains. The spoil-banks on both banks of the canal have been formed into roads by team, scoop, and grader work. Maintenance and improvement work to drains and stop-banks has been carried out. Two dams were constructed in the Maukoro Canal to facilitate dredging. 13,000 sleepers were split, and 123 birch piles cut, hauled, and shipped to other districts.

PIPIROA-KOPUARAHĪ DISTRICT.

The principal works carried out in this district were maintenance of drains and stop-banks, widening and deepening of outlet drains, and the construction of a low-level flood-gate at the outlet of Duck Creek drain, which is being deepened and extended to a new concrete culvert across the Ngatea-Pipiroa Road. Large drains have been constructed along the Pouarua Road and Hopai Road extension, and repairs effected to the Rawerawe West Road.

AWAITI, PATETONGA, AND TAHUNA DISTRICTS.

The Elstow Drainage Board has raised a loan of £34,000 for drainage-works to be carried out by the Department in conjunction with Crown-land-development works in the Awaiti district. The preparatory work for the scheme is well in hand, and construction has been commenced with two dredges.

For the formation of roads in peat land in the Patetonga district 3,154 cubic yards of clay were carted on to the Mangawhero Road, 10,211 cubic yards of clay and 780 cubic yards of gravel for the Kaihere West Road, and 4,372 cubic yards of clay for the Patetonga Tramway Road. The North Road at Tahuna was cleared and formed for a distance of 54 chains, 2,581 cubic yards of spoil being carted for the purpose.

In addition to the usual cleaning, widening and deepening of drains in the districts involved the excavation of over 130,000 cubic yards of material.

Freight collected for the carriage of goods on the Patetonga Tramway amounted to £621.

ROADS.

As road-formation can only be done during the very short dry season, all available plant has to be pressed into service to cope with the large amount of this work that has to be done. The progress made this year has been fairly satisfactory. The total quantity of metal delivered from Thames by the Department's punts was 5,175 cubic yards, and quantity obtained from other sources 1,729 cubic yards. 2 miles 14 chains of roads were metalled during the year, and 75 chains remetalled.

Clay carted for the formation and maintenance of peat roads amounted to 22,588 cubic yards, and 18,790 bundles of fascines were laid as a foundation.

The following roads were metalled :—

	M.	Ch.
Ngatea - Paul's Wharf	0	5
Orchard East Road	0	24
Kerepechi - Kaihere Road	1	40
Kaihere Road, western end	0	25
Kerepechi - Kopuarahi and Orchard East Road (remetalling) ..	0	75
Total	3	9

The following roads were formed :—

Kerepechi Block	4	14
Puhanga Canal Road, east side	1	60
Ngarua Canal Road	0	50
Pekapeka Road	0	48
Kerepechi Township roads	0	9
Maukoro Canal roads, Waitakaruru—		
West side	0	75
East side	0	46
Total	8	62

The following peat roads were ballasted with clay :—

North Road, Tahuna	0	55
Puhanga-Torehape Road	0	10

Total 0 65

The following roads were reclayed :—

Mangawhero Road	1	0
Kaihere Road	1	6
Patetonga Tramway Road	0	45
Total	2	51

DRAINS.

One of the outstanding features of the year's work has been the large amount of drain widening and deepening carried out. No less than 146,775 cubic yards of spoil were excavated for the improvement of 75 miles 30 $\frac{3}{4}$ chains of drains. New drains, 16 miles 4 $\frac{1}{2}$ chains in length, were completed, and total length of drains constructed on the Hauraki Plains is now 549 miles 41 $\frac{1}{2}$ chains. 270 miles 78 chains of drains were cleaned during the year.

The following work was carried out by piecework contract :—

	M.	Ch.
Cleaning drains	135	17
Widening and deepening (97,128 cubic yards)	43	27 $\frac{1}{2}$
New drains (31,097 cubic yards)	7	46 $\frac{1}{2}$
Total	186	11

The following work was carried out by day labour :—

Cleaning drains	135	61
Widening and deepening (49,647 cubic yards)	32	3
New drains (12,892 cubic yards)	2	60
Total	170	44

The following work was done by excavating-machines :—

New drains (93,890 cubic yards)	5	58
Stop-banks (101,800 cubic yards)	2	75
Total	8	53

450 fascines were used in repairing stop-banks and drains.

BUILDINGS.

The buildings erected during the year comprise—Workman's cottage of four rooms; portable hut of three rooms; carpenter's shop, 24 ft. by 16 ft.; shed for wire rope and machinery; Monier-pipe shed; and a large store at Kerepechi was completed. Several buildings were painted and repaired, and most of the houses are now lighted with electricity.

The total number of buildings connected with the works is—Houses and small cottages, 21; double huts, 15; single huts, 24; sheds, 24; quarters for staff and workmen, 3; workshop, 1.

A small rent charge is made for all houses and huts occupied by workmen, the total received during the year being £437.

WHARVES AND BRIDGES.

The wharf at Kerepechi depot was completed, and staging and fender piles provided at the launch-moorings.

A large hardwood road-bridge was constructed on the Puhanga Canal, and a small road-bridge on Phillips Road.

A temporary bridge was erected at southern end of Puhanga Canal to divert traffic to eastern side while dredge is working along western bank of the canal.

PLANT AND MACHINERY.

Quarters for crew were erected on No. 11 dredge. A kauri pontoon, 80 ft. by 20 ft. by 6 ft., was constructed for No. 23 dredge, on which the machinery was erected and housed, and a houseboat of three rooms on pontoon, 37 ft. by 14 ft. by 3 ft., constructed for the crew of this dredge.

A similar dredge pontoon and houseboat were constructed for No. 24 dredge, the machinery of which is now being erected.

Two kauri punts, each carrying a one-roomed hut, were built for accommodation of crew of No. 2 dredge; and a coal-punt, 24 ft. by 8 ft. by 2 ft. 6 in., was also built on the works; and other plant made includes four 14 ft. dinghies, nine wheelbarrows, six 1 $\frac{1}{2}$ -yard side tip-trucks.

Repairs to dredge and metal pontoons, launches, dredge machinery, and plant have been carried out at the Kerepechi Workshops.

The plant now comprises one steamer, seven oil-launches, four metal punts, three general-service punts, four grab-dredges, two drag-line excavators, two walking land-dippers, and two floating steam dipper-dredges.

CONCRETE STRUCTURES.

Two ferro-concrete road-bridges were completed during the year, and the following other works :—

Road-culverts.

Number.	Description.	Size.	Length.
1	Concrete pipe	2 ft. diameter	40 ft.
3	„	3 ft. diameter	150 ft.
1	Concrete box culverts	4 ft. by 4 ft.	40 ft.
2	Concrete pipe culverts and flood-gate	3 ft. diameter	77 ft.
1	Box culvert and flood-gate	4 ft. by 4 ft.	22 ft.
1	Two-barrel concrete box equipped with concrete sluice-gates and flood-gates	4 ft. by 4 ft.	22 ft.
1	Two-barrel box culvert equipped with “Calco” flood-gates and concrete sluices	5 ft. diameter	32 ft.

ARTESIAN BORES.

Three bores were sunk during the year. The total number of artesian bores put down to date is 219. The cost of the year's operations was £64 14s. 4d., making a total to date of £7,185 6s. 8d., nearly the whole of which is recoverable. The sum of £829 was received during the year. A schedule of the bores sunk is attached hereto.

SURVEYS AND CLASSIFICATION OF SOILS.

A very complete survey of an area of approximately 35,000 acres lying to the east of the Piako and Waitoa Rivers, and including a portion of the Awaitei basin, has been undertaken to define the topography and formation, physical characteristics, and extent of soils. Levels and soundings to determine the peat depths are being taken systematically over the whole area, and methods of reclamations adapted to the physical and economic possibilities of the land can be devised from the information obtained.

The classification of soils in this area is incomplete, but the indications are that, owing to the subsidence which will take place after drainage, roughly three-fourths of the area will be more suitable for flax-production than pasture.

Similar work is being carried out on the area between the Piako River and the hills forming the western boundary of the plains. One hundred and forty-two miles of levelling were carried out, and over one thousand one hundred soundings taken and samples of soils obtained at various depths up to 30 ft.

Other engineering surveys required seventeen miles of traverse and thirty-eight miles of levels.

FUTURE PROPOSALS.

Piako and Waitoa river-improvement works; continuation of Awaitei and Waitakaruru-Maukoro Canals; widening Puhanga Canal; reclamation and roading of lands in the Awaitei district; development and roading of peat lands at Waitakaruru and Torehape.

WORKS EXPENDITURE.

The total expenditure for the year was £91,979. Of this amount the sum of £46,996 was paid out of Thames Imprest Account, day labour (including wages of dredge crews) amounting to £37,464, piecework contracts to £15,649, and hire of teams £1,992.

VALUATIONS.

The expectation of opening up new areas within the year was not realized. After going exhaustively into the question it was decided that it would be preferable to delay opening the proposed areas pending further consolidation. These lands comprise deep peat-country on which time is an essential factor in bringing them into a state of production.

The process of consolidation will be assisted in every way, and the lands made available for selection as soon as conditions permit.

The total area handed over (including permanent reserves) is 43,895 acres.

FLAX LEASES.

As mentioned previously, a considerable area of the remaining lands will be more suitable for flax-culture than for general-farming purposes, and it is intended to develop these lands accordingly. Under the existing legislation flax leases may be granted for a term not longer than ten years, but it is hoped that in the near future a more secure tenure will be made possible by amending legislation. Under this security of tenure it is hoped that flax will be planted, cultivated, and cared for like any other crop from which a revenue is expected. I am optimistic enough to imagine that, in the not-far-distant future, instead of being considered a temporary or catch-crop as it is to-day, flax will be farmed in the true sense of the word, and will become one of our permanent and thriving industries.

No areas were opened during the year. The sum of £67 14s. 9d. was received during the period.

GRAZING-AREAS.

The total area under lease is 4,847 acres, divided into seven holdings. The annual rent is £230, and the revenue received for the year amounted to £193 17s. 7d.

GENERAL.

Able and effective work has been carried out by the Kerepeehi office staff, which has been busily engaged preparing plans and specifications, wages-sheets, attending to correspondence, stores, and general office-work. A very considerable amount of construction and repair work has been carried out at the local workshops. All routine work in connection with wages and claims is done in the Kerepeehi office, and the final approval of all vouchers is given in the controlling office in Auckland, where the necessary financial books are kept. The work entailed in checking and passing wages vouchers and claims for supplies, &c., is very arduous, and calls for a great degree of skill and attention in the officers responsible. Payment of wages alone on works of this size is an operation of some magnitude and usually covers a period of from three to four days each month. The possibilities of fraud in bogus wages payments are always kept in view and periodic checks made by an independent officer. Occasional checks are also made of the stocks of benzine, kerosene, and stores generally. A complete stock-taking of all machinery and tools is made every year; the total amount on charge is in the vicinity of £70,000, and the separate items run into thousands.

The officer in charge is Mr. E. Taylor, M.N.Z.Soc.C.E., to whom the greatest credit is due for the energy he has displayed and the able and efficient manner in which he has controlled the operations.

I have, &c.,

O. N. CAMPBELL,

Chief Drainage Engineer.

The Under-Secretary for Lands, Wellington.

SCHEDULE OF ARTESIAN BORES, 1923-24.

Bore No.				Section.	Block.	Survey District.	Total Depth in Feet.	Running Flow (Gallons per Hour).
217	..	..	..	4	X	Thames	306	1,000
218	..	..	..	3	X	"	203	250
219	..	..	..	1	X	Wharekawa ..	257	800

HAURAKI PLAINS SETTLEMENT ACCOUNT.

RECEIPTS AND PAYMENTS ACCOUNT FOR YEAR ENDED 31ST MARCH, 1924.

<i>Receipts.</i>				<i>Payments.</i>				£	s.	d.			
Balance as at 1st April, 1923—				£	s.	d.	Drainage-works, stop-banks, cleaning channels, and other expenditure incidental to conducting drainage operations (including metalling and formation of roads), materials, supplies, &c.				£	s.	d.
Cash in Public Account	£8,211	13	9								54,489	11	8
Imprests outstanding	837	12	8								3,265	19	7
				9,049	6	5					172	9	2
Debentures issued under Hauraki Plains Amendment Act, 1913	..	..	..	80,000	0	0					9,754	10	9
Sales of land	..	..	..	3,559	8	4					4,042	0	5
Rents	..	..	..	8,337	14	0							
Artesian bores—													
Repayment of advances	680	1	2										
Interest	149	9	2										
				829	10	4							
Miscellaneous debtors	..	..	..	655	10	9							
Rates	..	..	..	7,706	15	10							
Rent of buildings	..	..	..	450	17	11							
Grazing fees	..	..	..	97	17	8							
Tram freights	..	..	..	623	15	8							
Flax royalty	..	..	..	67	14	9							
Sale of grass-seed	..	..	..	3	10	0							
Law-costs	..	..	..	75	13	4							
Miscellaneous receipts—Credits in reduction of expenditure	..	..	..	4,055	12	4							
				£115,513	7	4							

REVENUE ACCOUNT FOR YEAR ENDED 31ST MARCH, 1924.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
Interest on loans under Local Bodies' Loans Act, 1908	2,138	14	11	Rents	12,287	2	10
Interest on debentures issued under Hauraki Plains Amendment Act, 1913 ..	22,122	18	11	Rates	8,114	12	5
Maintenance of completed works ..	9,660	0	9	Interest on sales of land ..	171	11	10
Administration expenses ..	392	8	3	Interest on cost of well-boring ..	126	9	0
Rebate of rent	658	14	11	Miscellaneous	1,507	11	10
Irrecoverable rates, &c. ..	172	6	11	Interest on investments ..	97	18	6
Sinking Fund Reserve	874	10	10	Net loss carried down	13,714	9	1
	£36,019	15	6		£36,019	15	6
Net loss brought forward	13,714	9	1	Balance from previous years	22,152	0	1
Adjustment on account of previous years	4,017	7	11		£22,152	0	1
Balance	4,420	3	1				
	£22,152	0	1				

HAURAKI PLAINS SETTLEMENT ACCOUNT—*continued.*

BALANCE-SHEET AS AT 31ST MARCH, 1924.

<i>Liabilities.</i>			<i>Assets.</i>		
	£	s. d.		£	s. d.
Debentures—			Improved land—		
Local Bodies' Loans Act, 1908 ..	31,000	0 0	Handed over to Board ..	326,885	9 11
Hauraki Plains Amendment Act, 1913 ..	529,000	0 0	for settlement ..	73,504	19 5
Hauraki Plains—			Less sales ..		
Land set apart under the Act ..	45,000	0 0		253,380	10 6
Surplus on lands transferred to control of Land Board ..	23,905	19 11	Unimproved lands not yet disposed of ..	44,474	10 9
Public Works Fund—			Improvements on adjoining Crown lands ..	7,710	0 0
Expenditure under Land Improvement vote ..	4,270	0 0	Permanent reserves ..	8,646	0 0
Consolidated Fund—			Works in progress—		
Interest on debentures issued under Local Bodies' Loans Act, 1908 ..	24,607	9 5	Expenditure on land in process of reclamation, including formation of roads ..	246,325	15 8
Consolidated Fund—Liability for rates ..	219	9 6	Artesian wells—		
Interest accrued but unpaid on debentures issued under Hauraki Plains Amendment Act, 1913 ..	4,817	12 6	Hauraki Plains Crown tenants ..	2,150	9 10
Sinking Fund Reserve ..	2,676	14 5	Adjoining Crown lands ..	169	13 8
Sundry creditors ..	8,480	9 8		2,320	3 6
Rates paid in advance ..	0	1 11	Buildings ..	7,506	15 0
Tram freights paid in advance ..	0	4 9	Wharves ..	6,220	0 0
Suspense Account ..	126	5 6	Machinery and plant ..	69,573	1 0
Writings off in suspense ..	91	2 3	Live-stock ..	327	0 0
Revenue Account balance ..	4,420	3 1	Loose tools ..	1,489	14 8
			Stores and fuel ..	4,618	7 0
			Sundry debtors for—		
			Rents, &c. ..	9,458	4 9
			Sales ..	2,628	10 7
			Interest on sales, &c. ..	172	3 10
			Rates ..	3,237	4 5
			Tram freights ..	466	4 10
			Miscellaneous ..	1,178	7 11
				17,140	16 4
			Postponed rent ..	1,258	7 0
			Investments—Public Trustee ..	2,176	5 6
			Sinking Fund—Proportion under Public Debt Extinction Act ..	2,676	14 5
			Consolidated Fund—Interest on investments ..	985	16 9
			Writings off in suspense ..	91	2 3
			Cash in Public Account ..	1,694	12 7
				£678,615	12 11
				£678,615	12 11

J. B. THOMPSON, Under-Secretary for Lands.

J. H. O'DONNELL, Chief Accountant.

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