1. Number of pages 5
2. Date of repair 15-7
3. Initials of Repairer

M.R.O. 1—22,400—23-11-50.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. 20 Oct 57

G.O. No. 181 Press Mis.

223-26

Dated 6 — 185

Not to be folded or roughly handled

Read the following papers.

No. 23. From Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 28th January 1857, No. 9807.

SIR,

Referred to in Extract Minutes Consultation No. 559, under date 21st of July 1855, para. 4.

I have the honor, to forward for submission to Government a statement* shewing the Maramut works, situated in the District of Coimbatore, the Ayacut under them, and the collection realized on the repairs executed to them during the five years ending fusly 1263, and to strongly recommend that 500 copies be printed either at the Government or some private Press, for immediate Departmental or General use.

No. 24. Extract from the Proceedings of the Chief Engineer; dated 28th January 1857, No. 9815.

Read the following letter from J. BIRD, Esq., Collector of Trichinopoly, to Colonel C. E. FABER, Chief Engineer, dated 14th January 1857, No. 16.

SIR,

In reply to your Proceedings No. 9407, of date the 10th Instant, I have the honor to state the registers of irrigation works of this District, may be prepared in English with the aid of one good additional writer for three months on a salary of Rupees 14 per mensem.

2. As the original registers in the Vernacular language, are in your office, I would suggest the more convenient plan to be, for *you* to entertain the aid for the three months, and thus prepare the English Registers.

Resolved with reference to Extract Minutes Consultation No. 2320 dated 16th December 1856, to forward to Government a copy of the letter, No. 16, dated 14th January 1857, from the Collector of Trichinopoly, and to recommend that the Collector of Trichinopoly, be authorized to entertain an additional writer for 3 months on a salary of Rupees 14 per mensem, and to remark, that work of this description can be performed more correctly in the Districts than at the presidency; unless either the Government translator, or writers, on higher salaries than Rupees 14 per mensem, be employed.

2. Resolved also, to forward the Extract of a few works in English from the Register, now kept in Tamil, called for in the order of Government quoted above.

(Signed) C. E. FABER, Colonel,
Chief Engineer.

No. 25. From Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 14th May 1857, No. 310.

SIR,

I have the honor to request that you will do me the favor to apply for the authority of Government to have all the reports drawn up by the Superintending Engineer Central Circle whilst

on his late Tour of inspection, printed in some one of the many private presses at Madras. They should be arranged in the order of their succession in point of date, and a few copies of the Illustrations could be struck off in the Government Lithographic press.

2. I am of opinion that unless this measure be adopted there will not only be much time lost, but the usefulness of the reports will be greatly diminished by only having one or two M. S. copies. The Commandant of Engineers, the Chief Engineer, the Collectors and District Engineers and the Government should certainly have a copy and reference to print is much easier than to M. S.

3 I avail myself of the present occasion to also solicit the permission of Government to have the Schedules of irrigation, and other Public Works printed, as they reach me under the several orders of Government, namely E. M. C. No. 359, 21st July 1855 and E. M. C. 9th July 1856, No. 1133. It is impossible to exaggerate the importance of these lists, and as they are being prepared very slowly commonly for only a talook at a time, and the labour of manual transcription would be excessive and the liability to errors considerable, I am most anxious to be allowed to use such few materials for a complete list of all the Public Works of the Presidency as have already reached me and to provide each local Officer of the Department with a Schedule of the works within his own range wherever it is possible to do so.

4. I have already in my despatch of the 22nd November last No. 8298 applied to Government on this subject, and was directed in reply to submit the list reported to have been sent in by the Collector of Trichinopoly for inspection of Government; but as no further orders have reached me, and as it is most desirable both to press forward the completion of the entire inventory of the whole Presidency and also to make full use of the lists already received, I trust that I shall be excused for again bringing the subject before Government.

Extract Minutes Consultation No. 2820, dated 16th December 1856.

No. 26. ORDER THEREON, No. 1181; dated 18th June 1857.

With the first of these letters, the Chief Engineer submits a Statement of Irrigation Works in the District of Coimbatore, shewing the Ayacut and cultivation &c. for the five years ending with Fusly 1263; and recommends that 500 copies be immediately printed for general use.

2. With his Proceedings of the 28th January No. 9815, Colonel Faber forwards, in reference to the Extract Minutes Consultation 16th December 1856 No. 2320, an Extract in English from the Register of irrigation works, now kept in Tamil in the Trichinopoly District; and recommends that the Collector of that District be authorized to entertain an additional writer for 3 months, on a salary of Rupees 14 per month, for translating the Register in question into English. Mr. Bird suggests that with the aid of this writer the English Register may be prepared in the Central Office, but the Chief Engineer properly remarks that work of this description can be much better performed in the District; in doing this, the Collector should adhere to the system of orthography sanctioned in Extract Minutes Consultation, 26th June 1856, No. 656, Revenue Department for representing Tamil names by Roman characters.

3. The Government observe that both the Statements submitted by the Chief Engineer, have been prepared in accordance with the form furnished with the Circular from the late Board

of Public Works dated 16th April 1855. Of these two documents the Register for Coimbatore appears to be the most complete, but there is no Alphabetical arrangement of the villages, nor is there apparently any classification of works, for it is observed in the Danikencottah talook, instead of all similar works in each village being together, channels are followed by tanks, and these latter again by streams, while in Boolachey, tanks and channels are intermingled, and entered indiscriminately, so that if a particular work is to be referred to, it cannot be found unless the whole book is gone through, work after work. The statement itself is of too inconvenient a size, being written on Royal paper, to be of any practical use. It is also to be remarked that the form itself is faulty, as it contains many unnecessary columns. For instance columns 3, 9, and 19, appear to convey the same information in respect to the description of the irrigation work; and after all, with so many columns, the Register does not shew the cultivation and revenue of Enam lands. It is desirable also for the purpose of ensuring a uniform mode of writing Native names that the system sanctioned by Government in Extract Minutes Consultation of the 26th June 1856 for the District maps of Trichinopoly, should be adopted in the preparation of the Register.

4. In para. 4 of Extract Minutes Consultation, dated 21st July 1855 No. 539, Government, when directing the preparation of Irrigation Registers in all the Districts, observed that a form for such Register, fitted to give all the information required in a convenient shape, had been determined in the District of North Arcot, and desired that similar Registers might be prepared without delay in every District. The Chief Engineer does not appear to have taken measures to carry those instructions into effect, and only now recommends that the Register, as received from Coimbatore, may at once be printed.

5. It is obvious that the object of a Register of the kind above spoken of, is to render information regarding irrigation works readily available to the District Engineer and the Collector; and to secure this end, it is desirable that a form well suited to give the required information should be first determined on, and then introduced into all the Districts on one uniform principle. The Government have carefully looked into the form of the Register prepared for North Arcot; and they are of opinion that, with a slight modification that form and with the adoption of the standard orthography will answer the purpose. A form for the Registers to be made out in the Talooks, has already been determined on, and printed in the Manual for the Talook accounts prepared under the directions of the Revenue Secretary to Government, which is about to be circulated shortly. The modifications referred to are the omission of column 3, giving the number of Tanks &c. in each village which is not necessary, the fractions of an Acre or Rupee also, in the several columns will be compounded, by rejecting all fractions less than a half, and adding a unit when the fraction exceeds half. Both the Ayacut and cultivation under each work should be given for each Fusly, the several Fuslies being entered consecutively one below the other. With these observations, the Right Honorable the Governor in Council directs that a form revised in the manner pointed out, be prepared and forwarded to the Chief Engineer, with a set of rules regarding the principles to be observed in the preparation of the Statement. Colonel Faber will be good enough to circulate these forms to the Collectors and District Engineers, with instructions to prepare the Registers accordingly without loss of time.

6. In their order of 21st July 1855 above adverted to, the Government stated that such Registers should be prepared by the Collector in the first instance, and afterwards kept up from

year to year by that Officer and the District Engineer, in communication with each other; the former will give information as regards Cultivation and Revenue, and the latter as regards the cost of repair and improvement; and it is desired that this course may be followed in the preparation of the Registers now ordered. The first Register will be prepared for the five years from Fusly 1261 to 1265 both inclusive, and another will be opened for the next five years, from Fusly 1266 to 1270, and so on for every quinquennial period.

7. It is the desire of Government that the Registers should be prepared as early as possible, as documents that will be highly useful to the District Engineer; and the Government wish the Chief Engineer to be good enough to furnish all the Collectors with a sufficient number of blank forms, printed on foolscap paper, in order to reduce the labor of the Collector's establishments in preparing these documents. If the Talook Registers are prepared correctly according to the form, there will be no difficulty in compiling the General Register in the Hoozoor Cutcherry directly from those papers; and it will be the Collectors' care to adopt measures to ensure the accuracy of the Talook returns by causing clear instructions to be issued to their Tahsildars.

8. The Right Honorable the Governor in Council authorizes the Collector of Trichinopoly, agreeably to his application, to entertain an additional writer on a monthly salary of 14 Rupees, for a period not exceeding three months, for the purpose of preparing the Irrigation Registers in English, as that Officer is not provided with a Translator. Any other Collector similarly situated will be allowed to employ an additional hand for the purpose in question, on making application. The Government desire that the Registers in the several Districts should be completed within six months from the date of this order, and at the end of that period the Chief Engineer will be good enough to submit a report to Government regarding the progress made in the several Districts.

9. As stated in para. 1 of this order, the Chief Engineer recommends that 500 copies of the Coimbatore Register be printed. The Government cannot see any advantage in printing these Registers, because, the Registers of one District cannot be of use to any other, and a large expenditure would be incurred for no practical purpose. Two copies will be quite sufficient for each District, one for the information of the District Engineer and another for that of the Collector.

10. In his letter dated 14th May 1857, No. 310 last recorded, the Chief Engineer requests permission to print the reports of the Superintending Engineer Central Circle, and in regard to this request he is referred to the order of Government dated 18th May 1857, No. 952. In a subsequent part of his letter he alludes to the importance of Irrigation Registers, and requests that he may be allowed to print these as well as the lists of all Government Works, ordered in Extract Minutes Consultation dated 9th July 1856 No. 1133, as they reach his office. As regards the former the Government have already observed that printing is not necessary. In respect to the latter viz. lists of all works with their valuation, the Government doubt the advisability of printing them, on the same ground that they object to printing the Registers, namely that the list will be useless any where but in the Central Office, and the District to which they refer, so that three copies are all that will be needed. The Chief Engineer will however consider this point and state for what purpose a large number of copies of these lists is required. He will at the same time submit the lists of works which he may have received from the several Districts.

(Signed) H. FORBES,
Acting Secretary to Government.

FORM A.

Register for works of Irrigation in the District of North Arcot.

ALPHABETICAL INDEX.

		No. of the villages.
Arcot	Pages 1 to 10	1
Arcot		2
Ramapooram..		3
Vencatapooram...		
Cauveripauk.. ...	pages 11 to 50	1
Chinnasamoodrum		5
Poondy		2
Trimulcherry		
Chendragherry	pages51 to 70	3
Aitapully		1
Gauzoolamundiem		2
Triputty		
Chittoor...	pages 71 to 80	15
Aroogoondah		1
Chittoor...		14
Reddygoontah		
Palmanair	pages 81 to 94	77
Cuddapanuttum		100
Ragavacundegay		9
Timmasamoodrem		
Poloor	pages 95 to 102	2
Companypettah		4
Poloor		5
Rauzoolacundegay..		
Sautghur..... ...	pages 103 to 110	4
Buttelapully		3
Goodiattum		
Sholinghur	pages 111 to 134	5
Codacul		2
Jumboocolum		
Sutwaid	pages 135 to 150	1
Nagalapooram...		2
Rungasamoodrem		
Trivellum	pages 151 to 160	3
Kemparauzepooram		5
Tundalum		
Trivuttoor... ...	pages 161 to 170	2
Mahamundoor		1
Trivuttoor		
Vellore	pages 171 to 190	4
Pullicondah		5
Vellore...		
Wundawash	pages 191 to 201	3
Agraharam		15
Govindavaudy		1
Wundawash		

No. of the Villages.	Names of the Villages.	Names of the Tanks, Channels, &c.	No. of months for which the Tanks &c. can supply water.	Fusly.
1	2	3	4	5
		Arcot Talook.		
1	Arcot	Tank (Hissa) see also Nos. 2, 3, & 4.	11	1261 1262 1263 1264 1265
		Nawab's Tank aided also by Ramapooram Tank in No. 2.	4	1261 1262 1263 1264 1265
		Tank	6	1261 1262 1263 1264 1265
2	Ramapooram	Do. irrigating also lands under Nawab's Tank in village No. 1.		1261 1262 1263 1264 1265
		Hissa tank in No. 1.		1261 1262 1263 1264 1265
3	Vencatapooram	Hissa tank in No. 1.		1261 1262 1263 1264 1265
		Caverypauk Talook.		
	Chennasamoodrum	Tank	8	1261 1262 1263 1264 1265
		River channel (Hissa) see also No. 3.	10	1261 1262 1263 1264 1265
2	Poondy	Tank	6	1261 1269 1263 1264 1265
3	Trimulcherry	Hissa river channel No. 2		1261 1262 1263 1264 1265

Ayacut of Wet & Garden lands				Cultivation.							Amount of Maramut expenditure.
Circar.		Enam.		Wet & garden land.			Dry converted into Wet and Garden.		Enam cultivation.		
Extent.	Assessment.	Extent.	Assessment.	Extent.	Tarum assesst.	Assesst. including Fussuljasty.	Extent.	Teervahjasty.	Extent.	Assesst.	
6	7	8	9	10	11	12	13	14	15	16	17
Caw.	Rs.	Caw.	Rs.	Caw.	Rs.	Rs.	Caw.	Rs.	Caw.	Rs.	Rs.
555	9,299	165	1,410	458	8,053	8,553	12	126	152	1,300	5,000
560	9,350	165	1,110	460	8,120	8,300	15	150	120	1,100	0
560	9,350	165	1,410	430	7,900	8,100	20	200	130	1,200	100
562	9,370	165	1,410	432	8,000	8,200	21	203	127	1,190	0
560	9,350	165	1,410	450	8,100	8,400	15	150	110	1,000	250
120	2,143	135	1,978	71	1,000	1,200	20	90	100	1,300	0
120	2,143	135	1,978	80	1,100	1,300	10	40	120	1,400	50
118	2,120	135	1,978	78	1,000	1,100	20	200	130	1,200	0
121	2,200	135	1,978	70	980	1,000	17	180	127	1,190	25
121	2,200	135	1,978	71	995	1,020	19	180	129	1,200	0
117	1,909	70	745	90	1,100	1,300	20	145	60	650	1,000
117	1,909	70	745	91	1,120	1,200	19	180	68	650	55
118	1,920	71	750	91	1,120	1,200	19	180	50	550	0
118	1,920	70	745	91	1,120	1,200	20	200	68	670	0
119	1,950	72	765	90	1,100	1,300	20	145	60	660	70
20	400	5	70	19	370	380	4	20	3	20	0
20	400	5	70	19	370	380	4	20	3	20	0
20	400	5	70	19	370	380	4	20	3	20	0
20	400	5	70	20	400	420	3	15	5	70	0
20	400	5	70	20	400	420	2	10	4	65	0
100	1,200	25	260	80	900	950	5	50	15	220	0
100	1,200	25	260	78	850	870	2	15	10	200	0
102	1,208	25	260	80	900	920	3	20	8	170	0
102	1,208	25	260	77	850	870	2	15	10	200	0
100	1,200	25	260	77	850	870	2	15	10	200	0
22	245	9	95	15	160	180	1	12	7	70	0
22	245	9	95	15	160	180	1	12	7	75	0
21	240	9	95	16	165	190	2	15	7	75	0
21	240	9	95	16	165	190	2	15	7	75	0
22	245	9	95	16	165	190	2	15	7	75	0
200	2000	10	100	160	1,800	1,900	10	50	8	80	100
210	2120	8	80	170	1,870	1,970	8	35	5	60	0
198	1950	10	100	150	1,700	1,800	9	40	7	70	50
197	1980	10	100	180	1,900	1,000	10	51	6	60	0
200	2020	10	100	190	2,000	1,200	3	20	3	30	10
200	1,800	60	560	150	1,200	1,300	10	120	50	080	1,000
200	1,800	60	560	160	1,300	1,450	8	90	55	500	0
200	1,800	58	550	180	1,500	1,800	15	150	40	500	0
205	1,850	58	550	190	1,700	1,850	18	150	42	510	0
205	1,850	58	550	170	1,600	1,700	10	80	30	350	0
150	1,503	25	250	100	1,050	1,120	0	0	10	80	50
150	1,500	25	250	120	1,200	1,240	2	15	18	190	0
152	1,520	25	250	118	1,150	1,200	2	8	15	160	0
152	1,520	25	250	120	1,230	1,300	0	0	12	150	20
152	1,520	25	260	118	1,300	1,320	3	21	10	155	0
300	3,200	50	600	250	2,400	2,500	10	35	25	250	0
300	3,200	48	580	260	2,500	2,600	8	30	33	008	0
310	3,250	48	580	260	2,400	2,500	15	60	24	270	0
310	3,250	48	580	250	2,300	2,400	8	35	20	280	0
310	3,265	48	580	250	2,100	2,470	7	25	28	320	0

INSTRUCTIONS FOR PREPARING REGISTERS OF IRRIGATION WORKS IN THE PROVINCES.

In every District a Book in the accompanying form A. shall be kept up in English, for all the Irrigation works situated in each District, shewing the Ayacut and Cultivation, (Circar and Enam) under each source of Irrigation. The works will be classified in each Village, and the figured entries will be made year by year, and a new Book commenced every five years.

2. The Chief Engineer shall furnish every Collector with a sufficient number of sheets ruled and with the headings printed. When received in the Collector's Office, they shall be stitched into sections of three sheets each. After all the Villages and works are written in the Registers with the transactions of the first year, they shall be bound neatly into one or more volumes, according to their bulk, so as to render each volume handy and convenient for reference. Before the Register is bound, an alphabetical Index of the Villages shall be prepared and attached to the Volume.

3. Immediately after the receipt of these instructions, Collectors shall cause two copies of the Register to be prepared in English, observing the system of orthography sanctioned by Government in Extract Minutes Consultation of the 26th June 1856 No. 656, Revenue Department, for the five years from Fusly 1261 to 1265, both inclusive, after obtaining the necessary returns from the Talooks. One of these shall be sent to the District Engineer, and the other retained in the Collector's Cutcherry for reference. A similar Register shall be opened in duplicate for the five years, from Fusly 1266 to Fusly 1270, and so on for every quinquennial period; all information regarding repairs and improvements being supplied by the District Engineer.

4. As soon as the two copies of the Register for the period commencing Fusly 1266 are opened in a District, both of them should be sent to the District Engineer, who will fill up the column headed "amount of Marahmut expenditure," and return one to the Collector's Cutcherry, and retain the other in his own office. As the Public Works accounts are closed for the Official year, the amount of expenditure should be given for that year. Thus opposite to Fusly 1266, the expenditure incurred on account of the works during the Official year 1856-57 should be entered, and so on in the case of other Fuslies.

5. After the close of every subsequent Fusly, the District Engineer shall forward to the Collector his copy of the Register, with the amount of the Marahmut expenditure entered; and the Collector will return it, after filling up the Ayacut and cultivation for the Fusly past. Before returning this copy to the District Engineer, the amount of Marahmut expenditure will be taken down in the copy of the Register kept in the Collector's Office.

6. Tanks and channels, irrigating two or more villages, should bear the prefix of "Hissa." When such a Tank or Channel is first entered in the Register, the numbers of all the Villages which share its benefits should be entered immediately after the work; and, opposite to those villages, only the number of the Village in which the work is first entered should be noted for reference. Where there is more than one irrigation work in a village, they shall be entered one after another opposite to that Village.

7. Should there be a Tank or Channel in a Village extending its irrigation to a portion of the lands of another Village which is already irrigated by a Tank or Channel of its own, it should be entered opposite to the Village to which the Tank or Channel actually belongs. Such entries should be distinguished by an asterisk, as is shewn in the form so that the figuers connected with them may be excluded from the total of the Village, when such is formed. The Ayacut of each such source of Irrigation should be ascertained and entered as nearly as possible.

8. As the exact Ayacut of each village, when more than one is irrigated from one work, will not be found entered in the Pymash Accounts, an approximate extent of land should be entered, with reference to the actual extent of cultivation, a proportionate extent of waste being allotted to each Village. The Ayacut, so entered, shall however represent the present state of irrigation, and not that described in the Pymash Accounts. The Ayacut of each work should include all the lands irrigated by a Tank or other work, whether Nunjah or Garden, but land quite unfit for cultivation will be excluded.

9. The course prescribed above shall be followed in the case of Enam Ayacut also.

(Signed) H. FORBES,
Acting Secretary to Government.

Central Office of P.W.D.
Fort St. George
28th January 1857.

No. 9807

From

The Chief Engineer

To

The Secretary to Govt. of F.W.D.

Sir,

I have the honor to forward for submission to Government a Statement shewing the Maramut Works, situated in the District of Coimbatore, the Amount under them, and the Collection realized on the repairs executed to them during the five years ending Fasly 1263, and to strongly recommend that 500 Copies be printed either at the Government or some private Press, for immediate Departmental or General use.—

I have the honor to be
Sir,
Your Most Obedt. Servt.

To
The Secretary to Govt.
P.W.D.

Lt. Colonel
Chief Engr.

Revenue
Maramut
Statement.

Referred to in Lr. Mines, Cons. No. 359 under date 21st of July 1855, Para 4.

No. 2
1. Statement
1. Letter No. 264 dated 17th September 1855.

Public Works Department
Register of Letters Received
No. 113
1857

Date of the Letter Received
the 28th January 1857.

Name of the Writer
Lieut. Col. Chief Engr.

Purport
Forwarding Statement of Maramut Works in Coimbatore District.

Date of Reply
Nil

Public Works Department
Register of Letters Issued
No. 23-26.

Date of the Letter Issued
Nil

Name of the Writer
Lieut. Col. Chief Engr.

Purport
Forwarding Statement of Maramut Works in Coimbatore District.

Date of Reply
Nil

Instructions for preparing Registers of Irrigation works in the Provinces.

In every District a Book in the accompanying form A shall be kept in English use for all the irrigation works situated in each District, showing the agricultural and cultivation, Kharif and Rabi) under each source of Irrigation. The works in the District will be classified in each village, and the figures entries will be made year by year, and a new Book commenced every five years.

2. The Chief Engineer shall furnish every Collector with a sufficient number of sheets, printed and

and with the headings printed. When received in the Collectors office they shall be stitched into sections of three sheets each. After all the Villages and works are written in the Registers with the transactions of the first year, they shall be bound neatly into one or more volumes, according to their bulk, so as to render each Volume handy and convenient for reference. Before the Registers is bound, an alphabetical Index of the Villages shall be prepared and attached to the Volume.

3 Immediately after the receipt of these instructions, Collectors shall

* observing the system of orthography sanctioned by Govt in C. Ry. C. of the 26 June 1856 - No 656. Rev Dept.

shall cause two copies of the Register to be prepared in English for the four years from July 1264 to 1265 both inclusive, after obtaining the necessary returns from the Talukdars one of these shall be sent to the District Engineer and the other retained in the Collectors Cutcherry for reference. A similar Register shall be opened in duplicate for the four years from July 1266 to July 1270, and so on for every quadrennial period, all information regarding repairs and improvements being supplied by the District Engineer.

4 As soon as the two Copies of the Register

for

for the period commencing July 1266 and ending with a District Bill in which should be sent to the District Engineer who will fill up the columns headed "amount of Warrant or Jurisdiction" and return one to the Collectors' Cutcherry, and retain the other in his own Office. No Public Works accounts are closed for the official year, the amount of expenditure should be given for that year. Thus appropriate to July 1266, the expenditure incurred on account of the works during the official year 1865/57 should be entered, and so on in the case of other Talukas.

After the close of every subsequent month the District Engineer shall forward to the Collector his copy of the Register with the amount of the Warrant or Jurisdiction entered, and the Collector will return it after filling up the Tyaent and cultivation for the Forty years before returning the copy to the District Engineer, the amount of Warrant or Jurisdiction will be taken down in the copy of the Register in the Collector's Office.

Fourth and change no new irrigating Wells or new Villages should be given the preference

"Hyson"

"Hejaz." When such a Taali or channel is first entered in the Register, the number of all the Villages which shares the benefits should be entered immediately after the number, and opposite to those Villages, only the number of the Villages and which the work first entered should be noted for reference. Where there is more than one irrigation such in a Village, they shall be entered one after another opposite to that Village.

7. Should there be a Taali or Channel and Village exclusively the irrigation to a portion of the lands of another Village

Village which is already irrigated by a Taali or Channel of its own, shall be entered opposite to the Village to which the Taali or Channel actually belongs. Such entries should be distinguished by and as hereinafter as it shows and the forms so that the figures connected with them may be excluded from the total of the Village, when such is formed. The Ayacut of each such source of irrigation should be ascertained and entered as nearly as possible.

8. In the each Ayacut of each village, when more than one is irrigated from one work

work will not be found
entered in the Tyumash
accounts, and appropri-
-ate extent of Land
shall be entered, with
reference to the actual
extent of cultivation, a
proportionate extent
of waste being allotted
to each Village. The
Ayacut, so entered, shall
however represent the
present state of irriga-
-tion, and not that exe-
-cuted in the Tyumash
Accounts. The Ayacut
of each work should in-
-clude all the lands ir-
-rigated by a Tank or
other work, whether
Manjah or Garden, but
~~will not include~~ land quite
unfit for Cultivation will be excluded

9. The course prescribed
above

above shall be followed
in the case of Circars
Ayacut also -

[illegible]

Dr 1857 Opp

Ir Dr R. Brit. of Cor.
No 1181 – 18 June 57.

FORM A.

Register for works of Irrigation in the District of North Arcot.

ALPHABETICAL INDEX.

		No. of the villages.
Arcot	Pages 1 to 10	
Arcot		1
Ramapooram..		2
Vencatapooram...		3
Cauveripauk.. ...	pages 11 to 50	
Chinnasamoodrum		1
Poondy		5
Trimulcherry		2
Chendragherry	pages51 to 70	
Aitapully		3
Gauzoolamundiem		1
Triputty		2
Chittoor...	pages 71 to 80	
Aroogoondah		15
Chittoor...		1
Reddygoontah		14
Palmanair	pages 81 to 94	
Cuddapanuttum		77
Ragavacundegay		100
Timmasamoodrem		9
Poloor	pages 95 to 102	
Companypettah		2
Poloor		4
Rauzoolacundegay..		5
Sautghur..... ...	pages 103 to 110	
Buttelapully		4
Goodiattum		3
Sholinghur	pages 111 to 134	
Codacul		5
Jumboocolum		2
Sutwaid	pages 135 to 150	
Nagalapooram...		1
Rungasamoodrem		2
Trivellum	pages 151 to 160	
Kemparauzepooram		3
Tundalum		5
Trivuttoor... ...	pages 161 to 170	
Mahamundoor		2
Trivuttoor		1
Vellore	pages 171 to 190	
Pullicondah		4
Vellore...		5
Wundawash	pages 191 to 201	
Agraharam		3
Govindavaudy		15
Wundawash		1

c2 Dlune 58

No. of the Villages.	Names of the Villages.	Names of the Tanks, Channels, &c.	No. of months for which the Tanks &c. can supply water.	Fusly.
1	2	3	4	5
		Arcot Talook.		
1	Arcot	Tank (Hissa) see also Nos. 2, 3, & 4.	11	1261 1262 1263 1264 1265
		Nawab's Tank aided also by Ramapooram Tank in No. 2.	4	1261 1262 1263 1264 1265
2	Ramapooram	Tank	6	1261 1262 1263 1264 1265
		* Do. irrigating also lands under Nawab's Tank in village No. 1.		1261 1262 1263 1264 1265
		Hissa tank in No. 1.		1261 1262 1263 1264 1265
3	Vencatapooram	Hissa tank in No. 1.		1261 1262 1263 1264 1265
		Caverypauk Talook.		
	Chennasamoodrum	Tank	8	1261 1262 1263 1264 1265
		River channel (Hissa) see also No. 3.	10	1261 1262 1263 1264 1265
2	Poondy	Tank	6	1261 1269 1263 1264 1265
		Hissa river channel No. 2		1261 1262 1263 1264 1265
3	Trimulcherry			

Ayacut of Wet & Garden lands.				Cultivation.							Amount of Maramut expenditure.
Circar.		Enam.		Wet & garden land.			Dry converted into Wet and Garden.		Enam cultivation.		
Extent.	Assessment.	Extent.	Assessment.	Extent.	Tarum assesst.	Assesst. including Fussuljasty.	Extent.	Teervah jasty.	Extent.	Assesst.	
6	7	8	9	10	11	12	13	14	15	16	17
Caw.	Rs.	Caw.	Rs.	Caw.	Rs.	Rs.	Caw.	Rs.	Caw.	Rs.	Rs.
555	9,299	165	1,410	458	8,053	8,553	12	126	152	1,300	5,000
560	9,350	165	1,110	460	8,120	8,300	15	150	120	1,100	0
560	9,350	165	1,410	430	7,900	8,100	20	200	130	1,200	100
562	9,370	165	1,410	432	8,000	8,200	21	205	127	1,190	0
560	9,350	165	1,410	450	8,100	8,400	15	150	110	1,000	250
120	2,113	135	1,978	71	1,000	1,200	20	90	100	1,300	0
120	2,143	135	1,978	80	1,100	1,300	10	40	120	1,400	50
118	2,120	135	1,978	78	1,000	1,100	20	200	130	1,200	0
121	2,200	135	1,978	70	980	1,000	17	180	127	1,190	25
121	2,200	135	1,978	71	995	1,020	19	180	129	1,200	0
117	1,909	70	745	90	1,100	1,300	20	145	60	650	1,000
117	1,909	70	745	91	1,120	1,200	19	180	68	650	55
118	1,920	71	750	91	1,120	1,200	19	180	59	550	0
118	1,920	70	745	91	1,120	1,200	20	200	68	670	0
119	1,950	72	765	90	1,100	1,300	20	145	60	660	70
20	400	5	70	19	370	380	4	20	3	20	0
20	400	5	70	19	370	380	4	20	3	20	0
20	400	5	70	19	370	380	4	20	3	20	0
20	400	5	70	20	400	420	3	15	5	70	0
20	400	5	70	20	400	420	2	10	4	65	0
100	1,200	25	260	80	900	950	5	50	15	220	0
100	1,200	25	260	75	850	870	2	15	10	200	0
102	1,208	25	260	80	900	920	3	20	8	170	0
102	1,208	25	260	75	850	870	2	15	10	200	0
100	1,200	25	260	75	850	870	2	15	10	200	0
22	245	9	95	15	160	180	1	12	6	70	0
22	245	9	95	15	160	180	1	12	7	75	0
21	240	9	95	16	165	190	2	15	7	75	0
21	240	9	95	16	165	190	2	15	7	75	0
22	215	9	95	16	165	190	2	15	7	75	0
200	2000	10	100	160	1,800	1,900	10	50	8	80	100
210	2120	8	80	170	1,870	1,970	8	35	5	60	0
198	1950	10	100	150	1,700	1,830	9	40	7	70	50
197	1980	10	100	180	1,900	1,000	10	51	6	60	0
200	2020	10	100	190	2,000	1,200	3	20	3	30	10
200	1,800	60	560	150	1,200	1,300	10	120	50	080	1,000
200	1,800	60	560	160	1,300	1,450	8	90	55	500	0
200	1,800	58	550	180	1,500	1,500	15	150	40	500	0
205	1,850	58	550	190	1,700	1,850	18	150	42	510	0
205	1,850	58	550	170	1,600	1,700	10	80	30	350	0
150	1,503	25	250	100	1,050	1,120	0	0	10	80	50
150	1,500	25	250	120	1,200	1,240	2	15	18	190	0
152	1,520	25	250	118	1,150	1,200	2	8	15	160	0
152	1,520	25	250	120	1,230	1,300	0	0	12	150	20
152	1,520	25	260	118	1,300	1,320	3	21	10	155	0
300	3,200	50	600	250	2,400	2,500	10	35	25	250	0
300	3,200	48	580	260	2,500	2,600	8	30	33	008	0
310	3,250	48	580	260	2,400	2,500	15	60	24	270	0
310	3,250	48	580	250	2,300	2,400	8	35	20	280	0
310	3,265	48	580	250	2,400	2,470	7	25	28	320	0

Register for accounts of Irrigations in the District of North Arcot

Index

	No.
Arcot. - - - - - Pages 1 to 2	
Arcot - - - - - - - - -	1
Ramapooram - - - - -	2
Vencatapooram - - - -	3
Cauveripauk - - - Pages 1 to 2	
Chinnasamoodrum -	1
Coondy - - - - - -	
Trinnulcherry - - -	
Chendraghery - - - Pages	
Mitapully - - -	
Gnauzolanundiam - -	
Trequitty - - -	
Chittoor - - - - - Pages	
Arogoondahe - -	
Chittoor - - -	
Veedagoondahe - -	
Palmanair - - - - Pages	
Cuddapunnullum -	
Raganacundegay -	
Vinnasamoodrum -	
Poloor - - - - - Pages	
Pompanypettahe -	
Poloor - - - -	
Ranzoolaundegay	
Sautghur - - - - Pages	
Battalapully - -	
Goodiallum - -	
Sholinghur - - - Pages	
Codacul - - -	
Jummboolum - - -	
Sulwaidy - - - - Pages	
Nagalapooram -	
Mungasamoodrum -	
Trivellum - - - - Pages	
Pempanangepooram -	
Tundalam - - - -	
Trivuttoor - - - - Pages	
Makamundoor - -	
Trivuttoor - - - -	
Vellore - - - - Pages	
Pullicondahe - - -	
Vellore - - - - -	
Wundwashe - - - - Pages	
Agrakaram - - -	
Govindavandy - - -	
Wundwashe - - -	

c2 Sine 88

No. of the Villages	Names of the Villages	Names of the Tanks & Channels &c.	No. of ancient & present Tanks supplying water	Ayacut-Wet & Garden Circar Extent	Assessment	Enam Extent	Assessment
1	2	3	4	5	6	7	8	9
	Arcot Talluk							
		Tank (Hissa) &c also No 2. 3 4	11	1261	555	9299	165	1410
				1262	560	9350	165	1410
				1263	560	9350	165	1410
				1264	562	9370	165	1410
				1265	560	9350	165	1410
1	Arcot			1261	120	2143	135	1978
		Nabob's Tank called also by Name of Perumal Tank &c No 2.	1	1262	120	2143	135	1978
				1263	118	2120	135	1978
				1264	121	2200	135	1978
				1265	121	2200	135	1978
		Tank	6	1261	117	1909	70	745
				1262	117	1909	70	746
				1263	113	1920	71	750
				1264	118	1920	70	745
				1265	119	1930	72	765
2	Ramapooram	Nabob's Tank & Hissa Tanks in Village No 1		1261	20	400	5	70
				1262	20	400	5	70
				1263	20	400	5	70
				1264	20	400	5	70
				1265	20	400	5	70
		Hissa Tank in No 1		1261	100	1200	25	260
				1262	100	1200	25	260
				1263	102	1208	25	260
				1264	102	1208	25	260
				1265	100	1200	25	260
3	Vencatapooram	Hissa Tank in No 1		1261	22	245	9	95
				1262	22	245	9	95
				1263	21	240	9	95
				1264	21	240	9	95
				1265	22	245	9	95
	Conveyseah Talluk							
1	Chennasamoodrum	Tank	8	1261	200	2000	10	100
				1262	210	2020	8	80
				1263	193	1930	10	100
				1264	197	1930	10	100
				1265	200	2020	10	100

Cultivation Wet & Garden land Extent	Assessment	Dry converted into Wet & Garden Extent	Assessment	Emanam cultivation Extent	Assessment	Amount of Annual expenditure
10	11	12	13	14	15	16	17
455	8053	8353	12	126	182	1300	5000
460	8120	8300	15	150	120	1100	"
430	7900	8100	20	200	130	1200	100
432	8000	8200	21	205	127	1190	"
450	8100	8400	15	150	110	1000	250
71	1000	1200	20	90	100	1300	"
80	1100	1300	10	140	120	1400	50
78	1000	1100	20	200	130	1200	"
70	980	1000	17	180	127	1190	25
71	995	1020	19	180	129	1200	"
90	1100	1300	20	145	60	650	1000
91	1120	1200	19	180	65	650	55
91	1120	1200	19	180	50	550	"
91	1120	1200	20	200	65	670	"
90	1100	1300	20	145	60	660	70
19	370	380	4	20	3	20	"
19	370	380	4	20	3	20	"
19	370	380	4	20	3	20	"
20	400	420	3	15	5	70	"
20	400	420	2	10	4	65	"
80	900	950	5	50	15	220	"
75	850	870	2	15	10	200	"
80	900	970	3	20	8	170	"
75	850	870	2	15	10	200	"
75	850	870	2	15	10	200	"
15	160	180	1	12	6	70	"
15	160	180	1	12	7	75	"
16	165	190	2	15	7	75	"
16	165	190	2	15	7	75	"
16	165	190	2	15	7	75	"
160	1800	1900	10	50	8	80	100
170	1870	1970	8	35	5	60	"
150	1700	1800	9	40	7	70	50
150	1900	2000	10	51	6	69	"
190	2000	2200	3	20	3	30	10

No of the Villages	Names of the Villages	Names of the Channels &c.	No. of Months Tanks contain Water	Agacul-ture-and Garden-land Cencar Extent	Cencar Assessment	Emaun Extent	Emaun Assessment	Cultivation Wet & Garden land Extent	Assessment including Fusulpaid	Dry converted into Wet & Garden Extent	Fusul Jasty	Emaun Cultivation Extent	Assessment	Amount of Unarabl expended
1	1 Cavery Pat Tallaks (Contd)		11	5	6	7	8	9	10	11	12	13	14	15	16	17
				1261	200	1800	60	560	150	1200	1300	10	120	50	480	1000-
		River channel (Hiss) See also No 3.	10	1262	200	1800	60	560	160	1300	1450	8	90	35	500	"
				1263	200	1800	58	530	150	1500	1600	15	150	40	500	"
				1264	205	1850	58	550	190	1700	1850	18	150	42	510	"
				1265	205	1850	58	550	170	1600	1700	10	80	30	350	"
2	Poondy															
				1261	150	1300	25	250	100	1050	1120	"	"	10	80	50
		Yank.	6	1262	150	1300	25	250	120	1200	1250	2	15	18	190	"
				1263	152	1520	25	250	118	1150	1200	2	8	15	160	"
				1264	152	1570	25	250	120	1230	1300	"	"	12	150	20
				1265	152	1520	26	260	118	1300	1350	3	21	13	155	"
				1261	300	3200	50	600	250	2400	2500	10	35	25	250	"
		Hiss River channel No 2.		1262	300	3200	48	550	265	2500	2600	8	30	30	398	"
				1263	310	3250	48	550	260	2400	2500	15	60	25	270	"
				1264	310	3250	48	550	250	2300	2400	8	35	20	250	"
				1265	312	3265	48	550	252	2400	2470	7	25	28	320	"
3	Trimalchary															
				1261	50	600	15	180	45	500	550	8	100	12	144	50
		Yank	3	1262	50	600	15	180	42	460	485	2	15	10	130	"
				1263	51	610	15	180	40	385	420	4	20	12	150	30
				1264	52	620	14	152	30	360	410	5	30	12	125	"
				1265	52	620	14	152	40	480	525	6	60	14	152	"
	Chendrachery Yaccah															
				1261	220	2500	50	700	180	2160	2300	"	96	40	490	1000
		Yank (Hiss) See also No 2.	10	1262	220	2500	48	680	185	2120	2220	10	120	35	450	"
				1263	225	2560	50	700	120	1800	2120	10	125	28	470	"
				1264	225	2560	50	700	125	1920	2130	5	90	20	380	"
				1265	225	2560	52	720	130	2120	2300	10	120	25	350	"
1	Attapully															
		~~Annamacary~~ Tank in Village No 3.	9	1261	50	700	10	150	28	340	360	4	50	8	100	"
				1262	40	520	8	130	30	360	370	2	20	6	90	"
				1263	41	525	8	130	32	380	400	2	22	5	80	"
				1264	41	525	8	130	30	370	410	3	30	6	55	"
				1265	42	530	8	130	28	350	390	"	"	4	80	"

(Copy mo — Sellers to Engineer
dd 17th July 1858. b. 165 —

P. W. 1857 (Copy)

23

Ltr on Ex. Ch. opts
No 1181 — 18 June 57

9th Sept

No 1181

Extract from the Minutes of Consultation
Under date the 18th ~~May~~ June 1857.

Read the following Papers

Letter from the Chief Engineer (Here enter 28th Jany 1857 No 9307)

Extract Pro. Chief Engineer (Here enter 28th do " — " 9815)

Letter from the Chief Engr. (Here enter 14th May — " 310)

Ordered that the Chief Engineer be directed to submit a Statement of Irrigation Works in the District of Combatore, shewing the Extent and Cultivation for the last five years ending with July 1863, and recommending that 500 Copies be immediately printed for general circulation.

Ordered

2 With this Proceeding of the 28th January Ag. 815, Colonel Fisher forwards, in reference to the 5th Head Member Consultation 16th December 1856 No 2320, an Extract in English from the Register of Irrigation Works now kept in Tamil the Coimbatore Collectorate Division and recommends that the Collector of that District be authorized to employ an additional writer for 3 months, on a Salary of Rs 10 per Month, for translating the Register in question into English. Mr Baird suggests that with the Aid of this writer the English Register may

[illegible] in drawing this title Polur should adhere to the system of orthography sanctioned in G.O. M.C. 26 June 56 No 656, Rev Dept. for representing Tamil names by Roman characters.

may be prepared in the Central Office, but the Chief Engineer properly remarks that work of this description can much better be performed in the District.

3 The Government observes that both the Statements submitted by the Chief Engineer have been prepared in accordance with the form furnished with the Circular from the late Board of Public Works dated 15th April 1855. of these two documents the Register for Coimbatore appears to be the most complete, but there is no alphabetical arrangement of the villages, nor is there apparently any classification of works

work, for it is observed in the
Dumkonian table block, channels are followed by banks, and these latter again by streams, while in Podockey, tanks and channels are intermingled & jumbled indiscriminately, so that if a particular work is to be referred to, it cannot be found unless the whole book is gone through, work after work. The statement itself is of too inconvenient a size, being written on Royal paper, to be of any practical use. It is also to be remarked that the form itself is faulty, as it contains many unnecessary Columns. For instance Columns 3, 9, and 19, appear to convey the same information

instead of all similar works in each village being together.

^ It is desirable also for the purpose of ensuring a uniform mode of writing Native Names that the system sanctioned by Govt in P.W.D. of the 24th June 56 for the District Maps of Trichinopoly, should be adopted in the preparation of the Register.

information in respect to the description of the irrigation works; and after all, with so many Columns, the Register does not shew the cultivation and revenue of Enam lands.^

4th Para of Govt Memo dated 21st July 1855 No 539, Government, when directing the preparation of Irrigation Registers in all the Districts, observed that a form for such Register, fitted to give all the information required in a convenient shape, had been determined on the Districts

District of North Arcot and desired that simi-lar Registers might be prepared without delay in every District. The Chief Engineer does not appear to have taken measures to carry these in-structions into effect, and only now recommends that the Register, as in en-closure from Commissioner, may at once be printed.

5 It is obvious that the object of a Register of the Kind above spoken of is to render en-tire information regarding irrigation works readily available to the District Engineer and the Collector, and-

and to ensure this end, it is desir-able that a form well suited to give the required information should be first determined on, and then introduced into all the districts on one uniform principle. The Govt have care-fully looked into the form of the Register prepared for North Arcot; and they are of opinion that with a slight modification that form will answer the purpose — A form for the Registers to be made out in the Taloks, has already been deter-mined on, and printed in the Ma-nual for the Taloks Accounts pre-pared under the direction of the Revenue Secretary to Govt, which is about to be circulated shortly. The only modifi-cations referred to are the omis-sion of Column 3, giving the

No

I with the adoption of the standard orthography

Number of Tanks per square mile each Village which is not necessary the fractions of an acre ~~Square~~ or Square also will be consolidated Columns will be compounded by rejecting all fractions less than a half, and adding a unit when the fraction exceeds half. In Both these Agreement and Cultivation under each work should be given for each Taluk, these General Tables, being entered consecutively one below the other in the columns with these observations the Right Honble the Governor in Council directs that the forms as revised in this manner pointed out, be prepared and forwarded to the Chief Engineer, with a set of Rules

regarding

regarding the principles to be observed in the preparation of the Statement. Colonel Faber will be good enough to circulate these forms to the Collectors and District Engineers, with instructions to prepare the Registers accordingly without loss of time.

6 In their order of 21st July 1855 above adverted to, the Government stated that such Registers should be prepared by the Collector in the first instance, and afterwards kept up from year to year by that officer and the District Engineer, in communication with each other; the former will give information as regards Cultivation

and

and Revenue, and the latter as regards the cost of repair and improvement, and it is desired that this course may be followed in the preparation of the Registers now ordered. The first Register will be prepared for the five years from Fasly 1261 to 1265 both inclusive, and another will be opened for the next five years, from Fasly 1266 to 1270, and so on for every quinquennial period.

It is the desire of Government that the Registers should be prepared as early as possible, as documents that will be highly useful to the District Engineer, & the Government with

the

the Chief Engineer to be good enough to furnish all the Collectors with a sufficient number of blank forms, printed on foolscap paper, in order to reduce the labor of the Collector's Establishments in preparing these documents. If the Farish Registers are prepared correctly according to the form, there will be no difficulty in compiling the General Registers in the Fauzdari Cutcherry directly from those papers; and it will be the Collectors care to adopt measures to ensure the accuracy of the Farish returns by causing clear instructions to be issued to their Tahsildars.

The

8. The Right Honorable the Governor in Council authorizes the Collector of Trichinopoly, agreeable to his application, to entertain an additional Writer, on a monthly Salary of 14 Rupees, for a period not exceeding three Months, for the purpose of preparing the Irrigation Registers in English, as that Office is not provided with a Translator. any other Collector similarly situated will be allowed to employ an additional hand for the purpose in question, on making application. The Government desire that the registers in the several Districts should be completed within six Months from the date of this order, and at the

end

15

end of that period the Chief Engineer will be good enough to submit a report to Government regarding the progress made in the several Districts.

9. As stated in Para 1 of this order the Chief Engineer recommends that 500 Copies of the Irrigation Registers be printed. The Government cannot see any advantage in printing these Registers, because, ~~although in large [illegible] time~~, the Registers of one District cannot be of use

ace to any other, and a large expenditure would be incurred for no practical purpose. Two Copies will be quite sufficient for each District, one for the information of the District Engineer and another for that of the Collector.

10° In his letter dated 14th May 1857 No 3104 last recorded, the Chief Engineer requests permission to print the Reports of the superintending Engineer Central Circle, and in regard to this request he is referred

to

to the order of Government dated 18th May 1857 No 962. In a subsequent part of his letter he alludes to the importance of irrigation registers, and requests that he may be allowed to print these as well as the lists of all Govt Works ordered in extract Min. Consultation dated 9th July 1856 No 1133, as they reach his Office. As regards the former the Government have already observed that printing is not necessary. In respect to the latter viz lists of all

Works

worked with their valuation, the Government doubt the advisability of printing them, on the same ground that they object to printing the registers, namely that the list will be useless any where but in the Central Office, and the District to which they refer, so that three Copies are all that will be needed. The Chief Engineer will however consider this point and state for what purpose a large number of Copies of these lists is required. He will

will at the same time submit the lists of works which he may have received from the several Districts.

J.D.H.

1 Copy to the Chief Engr.
with 3 Insp. Divs. 19.
with 1 Copy of Forms & Regs.
1 do do Inspectors
with do
1 " Asstt Genl
1 " Civil Auditor

Copy in a Letter to Govt
dd 17th July 1858 Rec'd
Coms: 16th Dec. 58 No 107/4108.

Public Work Dept 1857 Dept.
Dr to Coms 23d June.
No 1181.

Extract Mins: of Coms:
of 18th June 57.

R. C. 29 Jany 58.
No. 170

Read
with 2 Enclosures

From the Chief Engr dd 15th Augt 1857
Recd 1st Sept. No 1655 Coms 15th Sept.
Submitting for the orders of Govt a Report
from the Collr of Coimbatore dated 3d Octr 57
& No 200 dated 13th Octr 57 with 61
Enclosures

From Chief Engr dd 4th March 58 No 48 Recd 16th April
Reviewing the Chief Engr's
Statements of Irrigation Works in
Coimbatore, Trichinopoly and North
Arcot and observing with regard to
the recommendation to print 500
copies of Coimbatore Registers that
Government cannot see any advantage
in ordering it to be printed
since the Registers of one District
would be of use to any other, and
a large expenditure would be in-
curred for the practical purpose.

From Chief Engr 15th Octr 57 No 2951
forwarding for the orders of Govt
Statement of Irrigation Works in
Coimbatore dated 6th Nov
Extract from Dft 11th Nov 57 No 228 Div
No Date

Ex: Ord: Chief Engr dd 20th Oct 57
Ord 2076 in Coms 5th Dec 57
Recd 65

From the Chief Engr
6th Oct 60 No 2194
From Do — Do 8th
Janry 61 Cert 135
From Do — Do 9th Nov
1861 Cert 267 & 257
From the Sy Ch Engr
dd 2nd Oct 1862 No
986

No 23 at 26.

2d June 63