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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1301	Press
B.P. No.		Mis. —
Dated	26-7-	4876 —195—

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
26th July 1876. No. 1,901.*

Read the following papers:—

No. 451. From Lieutenant D. McN. CAMPBELL, R.E., Executive Engineer in charge, Godavery District, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation and Joint Secretary to Government, Public Works Department, dated Dowlaishweram, 1st June 1876, No. 592.

I HAVE the honor to forward herewith an abstract of the Irrigation Registers for Fasli 1284 (1874-75).

2. The Collector states that the differences in area between the Revenue and Public Works Department Registers appear to have arisen from the area *actually irrigated* having alone been included in the Public Works Department Registers, while *lands occupied and charged for as irrigated* were shown in the Revenue Registers.

3. The large decrease* in the Eastern Delta on the previous Fasli (1283) is made up of 1,334 acres of the 1st crop and of 5,129 on the 2nd crop. The greatest portion of the decrease in the 1st crop was under the Bank canal, which the divisional officer considers to be owing to the ryots having cultivated dry crops upon those lands which were better suited for that cultivation than for paddy. The late Mr. Sage also believed that there was much land of this character under the Bank canal; but it seems possible that when the ryots find the supply certain and given early, they may take up all the land that is commanded by that canal. The decrease of 5,129 acres in the 2nd crop in Fasli 1284 was owing to no 2nd crop having been allowed in that Fasli.

4. The decrease in the Central Delta compared with the previous year is stated not to be due either to insufficient supply or to excess of water, but simply to the ryots relinquishing wet cultivation for dry for some reason not explained. Probably when the means of distribution and drainage are improved, all lands that can be irrigated will be taken up for wet cultivation.

GODAVERY DISTRICT.

Abstract of Irrigation Registers for Fasli 1284 or 1874-75.

Canals.	Area of Villages.	Probable ultimate area to be irrigated.	Area irrigated in Fasli 1284 as per Department of Public Works Registers.	AREA IRRIGATED IN FASLI 1284 AS PER COLLECTOR'S STATEMENT.			
				Area.	Assessment.	Water-tax.	Total.
Eastern Delta.				Acres.	rs.	rs.	rs.
Cocanada Canal	279,207	39,527	37,975	38,903	65,672	1,11,002	1,76,674
Coringa Canal		33,232	24,159	24,829	44,457	81,166	1,25,623
Mundapetta Canal		32,155	25,117	26,686	57,283	1,04,198	1,61,481
Lojeram Canal		16,897	13,087	13,638	16,852	43,296	60,148
Bank Canal		40,899	9,093	9,989	14,219	31,859	46,073
Samalcottan Canal		27,973	23,024	23,259	23,876	52,401	80,777
Total	279,207	190,183	132,464	137,254	2,26,859	4,23,922	6,50,781
Dry crops as per Revenue Accounts			2,965				
			135,419				

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26th July 1876. No. 1,901.*

Abstract of Irrigation Registers for Fasli 1234 or 1874-75.—(Concluded.)

[illegible]

DOWLAISHWERAM,
1st June 1876.

(Signed) **D. McNEIL CAMPBELL**, Lieut., R.E.,
Executive Engineer in charge of Godavery District.

No. 64-G.D.
MEMORANDUM.

MEMORANDUM.

The undersigned has the honor to acknowledge the receipt of the letter, No. 592, of the 1st instant, from the District Engineer, Godavery, and to make the following observations on the abstract of irrigation registers therewith forwarded.

2. The areas of villages in

2. The areas of villages in the Eastern and Central Deltas for 1874-75 agree with those of 1873-74, but in the Western Delta the following difference is shown and should be explained:—

1873-74...	...	..	...	..	...	...	...	Acres.
1874-75...	...	..	...	..	...	...	...	550,121
								542,600
In Column 2...							Difference ...	<u>7,521</u>

3. In Column 3 the entries for the Western Delta for the two years differ in numerous cases, but no information has been given as to the reasons for altering the probable ultimate areas of irrigation under the several canals. If the alterations have been made on the results of a special investigation it should be explained what has been done. Again, in the abstract for 1873-74 areas

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were exhibited separately opposite each canal, while in that for 1874-75 in three cases, the areas for canals have been bracketed. It is desirable that the areas for individual canals should be shown separately. In the case of the Main and Ellore canals the areas in this column are for—

1973-74	{ Ellore ..	...	...	...	...	...	...	59,486
	{ Main ...	...	...	...	...	...	...	800

Total ... 60,286

1874-75	{ Ellore }	...	...	...	...	...	...	...	48,200
	{ Main }								

Difference ... 12,086

or a decrease of more than one-fifth.

4. The decrease in revenue in 1874-75 in the Eastern Delta requires very careful consideration. It amounts to Rupees 38,295, and it will be necessary to go fully into the subject, especially as regards water-supply. Taking the Collector's statement of areas and revenue in each year the results shown are—

Rs.	
6,89,076	
6,50,781	
<u>38,295</u>	

		1873-74.		1874-75.		DECREASE.		INCREASE.	
		Area.	Revenue.	Area.	Revenue.	Area.	Revenue.	Area.	Revenue.
			RS.		RS.		RS.		RS.
Cocanada	Canal ...	38,806	1,76,807	38,903	1,76,674	...	133	97	...
Coringa	do. ...	26,370	1,33,692	24,829	1,25,623	1,541	8,069	...	...
Mundapetta	do. ...	29,078	1,74,067	26,686	1,61,481	2,392	12,586	...	...
Ingeram	do. ...	13,851	61,453	13,638	60,148	213	4,305	...	...
Yanam or Bank	do. ..	11,755	54,807	9,939	46,078	1,816	8,729	...	...
Samulecottah	do. ...	24,094	85,250	23,259	80,777	835	4,473	...	...
						6,797	38,295		
						97	...	...	...
						6,700			
Deduct increase	...	...	...	...	...				

The general impression derivable from these figures is that the falling off in area and revenue is due to an inefficient water-supply. There is for the Cocanada canal an increase of area and a decrease of revenue, and with respect to this canal it may be said that the results shown are unsatisfactory because there ought to be a steady even if small increase of both area and revenue until the ultimate area is reached, and the fluctuations should then be very small.

The Coringa and Bank or Yanam canals have one head. For the former the decrease is over 1 per cent. in area, and the revenue decrease is closely proportional. For the latter the decrease of area is nearly 15½ per cent., and of revenue about 16 per cent.

The Mundapetta canal shows a decrease of 8.22 per cent. in area, and 7.23 in revenue.

The Ingeram canal shows a decrease of 1.54 per cent. in area, and 6.68 in revenue.

Lastly, the Samulcottah canal has a falling off of 3·46 per cent. in area, and of 5·25 in revenue.

It is necessary that a very careful analysis should be made of the water reports, which will show clearly what differences of supply there were in each week of the irrigation season in the two years, and of course rainfall in these weeks can likewise be contrasted. The District Engineer should also take immediate steps for preventing a recurrence this year of any mismanagement which may become apparent on an examination of the water-supply in each reach of each canal and at the head of every considerable distributary.

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5. The Central Delta general results are—

1873-74 ...	...	...	...	...	Acres.	99,810	Rs.	4,81,851
1874-75 ...	...	...	...	...	"	97,838	"	4,78,276
Decrease ...						1,972	"	3,575

The difference is not great, but a considerable part of it is on one line, viz., the Gunnaram or West Bank and the Nagaram canal. It should be seen what the state of the water-supply throughout the two seasons was.

6. The Western Delta presents a marked contrast to the Eastern.

1873-74 ...	...	...	...	...	Acres.	270,884	Rs.	10,57,351
1874-75 ...	...	...	...	...	"	278,050	"	10,90,220
Increase ...						7,166	"	32,939

This is satisfactory beyond the mere difference in acreage and revenue, because the average revenue per acre of both years is under 4 Rupees, and the increase of revenue is more than 4½ Rupees on the extra area, indicating that the water was not only supplied to a larger area, but also that a better supply was afforded.

The particulars by canals are—

Canals.	1873-74.		1874-75.		DECREASE.		INCREASE.	
	Area.	Revenue.	Area.	Revenue.	Area.	Revenue.	Area.	Revenue.
Nursapur Canal ...	57,379	2,68,920	58,253	2,76,347	...	...	874	8,127
Velpur do. ...	10,399	46,832	35,466	1,58,706	...	...	139	798
Gostanaddy do. ...	24,908	1,11,076	11,481	76,371	...	...	257	1,564
Mukkamala do. ...	11,224	74,807	7,167	45,426	3,417	19,186	...	...
Bank do. ...	10,614	64,612	24,023	1,07,262	...	961	699	...
Attali do. ...	23,324	1,08,223	49,458	82,916	...	4,810	1,015	...
Venkiah and Weyairu...	48,413	87,756	44,042	1,48,807	...	...	4,614	28,370
Undi Canal ...	39,428	1,20,437	2,974	15,792	...	...	2,974	15,792
Yenamadurru Drainage.	...	...	41,716	1,77,928	...	...	193	3,313
Ellore Canal ...	43,723	1,74,615	470	735	952	38	...	...
Main do. ...	1,422	773	...	...	...	...	...	...
					4,399	25,025	11,565	57,964
					...	...	4,399	25,025
					...	...	7,166	32,939

In this Delta, though the net results are not by any means unsatisfactory, the details indicate that they probably might have been much more satisfactory. Had the irrigation of 1871-75 under the Bank canal been as good as in the earlier year, and had, instead of the decrease of revenue under the Venkiah and Weyairu, there been an increase in proportion to the extension of area, there would have been an eminently satisfactory general result. The falling off under the Bank canal should be specially investigated, and it should be ascertained whether the work in progress on this canal interfered with the water-supply, and if so, whether such interference was unavoidable. The results for the Undi canal are very good, showing not only extension of area, but a much improved water-supply, and every endeavor should be made to bring the Attali and Bank canals to the same standard of efficiency.

7. The general results for the whole Delta are—

1873-74	Acres	514,648	Rupees	22,28,278
1874-75	"	513,142	"	22,19,347
Decrease		1,506		8,931

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exclusive of 40,000 Rupees in each year for contract water-supply to Zemindaries, so that the fair results in the Western Delta have unfortunately been more than counter-balanced by the decreases in the Eastern and Central Deltas.

8. The undersigned would, in conclusion, point out that this abstract for 1874-75 is dated eight or nine months later than is desirable. The importance of getting information as early as possible and of comparing the Public Works Department area registers for successive years at intervals during each season's irrigation, and of inquiring at once into falling off in cultivation, also of comparing the water-supply and seeing that the intended water-levels are maintained in the several reaches of all the canals, and that a fully sufficient supply is carefully maintained in distributaries, will it is hoped have been evidenced by this review of the abstracts of 1873-74 and 1874-75. It seems indeed to be by no means improbable that had as good management prevailed everywhere as at the Undi canal, 50,000 Rupees more revenue would have been obtained. Such circumstances, have been every where practicable, but at any management may not, under the circumstances, be always quite aware of the state of the rate the Delta officers and the District Engineer should be always quite aware of the state of the irrigation in each season, and should do all that may be possible to make it as satisfactory as practicable. Now one and a half years or more afterwards there is no room for anything but regret that the opportunity for removing such hindrances to effective irrigation and to its extension as were removable was lost, and, of course, the obvious deduction is that means should be taken to find out whatever is wrong at the time when the knowledge can be turned to immediate account.

(Signed) JOHN MULLINS, Lieut.-Col., R.E.,
OOTACAMUND,
21st June 1876.

Chief Engineer for Irrigation.

✓ No. 76-W.
MEMORANDUM.
Irrigation.

THE statement from the Board of Revenue of the irrigation in the Godavery Delta for the year 1874-75 has not yet been received from the Board, but information in an abstract form has been sent up by

No. 592, 1st June 1876. the District Engineer, and that officer's letter, together with this office memorandum, containing a review of the results and instructions to the District Engineer, is submitted for the information of Government in anticipation of the more complete account of the circumstances of the irrigation which it is hoped will be ready before long. It will be seen that there is much need for a very full and careful investigation by the District Engineer of the facts and circumstances which had an influence in the results exhibited for many of the canals.

2. Subjoined is an abstract of the cultivation and revenue in each section of the Delta for as many years as there is information available.

	1871-72.		1872-73.		1873-74.		1874-75.	
	ACRES.	Rs.	ACRES.	Rs.	ACRES.	Rs.	ACRES.	Rs.
Eastern Delta...	144,010	4,55,137	140,543	4,41,177	143,955	4,52,551	137,254	4,23,922
Central do. ...	85,273	2,86,536	99,294	3,23,074	99,810	3,20,109	97,838	3,19,506
Western do. ...	227,119	6,59,324	276,846	7,20,033	270,885	7,22,700	278,050	7,48,663
Total...	456,432	14,00,997	516,683	14,84,284	514,650	14,95,360	513,142	14,92,091
Water-tax Nida-thavole and Baharzalli Estates ...	...	28,488	...	28,488	...	40,000	...	40,000

(Signed) J. MULLINS, Lieut.-Col., R.E.,
OOTACAMUND,
21st June 1876.
To the Secretary to Government, Public Works Department.

Proceedings of the Madras Government, Public Works Department,
26th July 1876. No. 1,901.

No. 451-A. From Major J. BEATTY, R.E., District Engineer, Godavery District,
to Major J. O. HASTED, R.E., Officiating Chief Engineer for Irrigation
and Joint Secretary to Government, dated Dowlaishweram, 9th July
1875, No. 1,103.

Abstract.

I HAVE the honor to forward herewith
an abstract of the Irrigation Registers for
Fasli 1283 (1873-74).

2. The Collector states that the differences in area between the Revenue
and Public Works Department Registers appears to have arisen from the area actually
irrigated alone being shown in the Public Works Department Registers, while the
land occupied and charged for as irrigated is shown in the Revenue Registers.

GODAVERY.

Abstract of Irrigation Registers for Fasli 1283 or 1873-74.

Part of Irrigation Reports for Fasli 1283 or 1873-74.									
Canals.	Area of Villages	Probable ultimate area to be irrigated.	Area irrigated in Fasli 1283 as per Public Works Department Accounts	AREA IRRIGATED IN FASLI 1283 as per COLLECTOR'S STATEMENT.					
				Area	Assessment	Water-tax	Total.		
Eastern Delta.									
Cocanada Canal ...	279,207	31,327	37,712	39,406	Rs. 64,077	Rs. 1,12,740	Rs. 1,76,817		
Coringa Canal ...									
Mundapetra Canal ...									
Ingoram Canal ...									
Yanam Canal ...									
Samulootiah Canal ...									
Dry crops irrigated as per Revenue Accounts ...	279,207	190,153	135,917	143,954	2,35,526	4,52,850	6,88,376		
Central Delta.									
Nagarani Main Canal ...	269,806	84,746	31,814	39,477	74,562	1,32,547	2,07,109		
Bendamurlunka Canal ...									
East Bank Canal ...									
Amalapur Canal ...									
Gunnaram Canal ...									
Kallie Canal ...									
Dry crops irrigated as per Revenue Account ...	269,806	102,929	95,167	99,810	1,61,743	3,20,109	4,81,851		
Western Delta.									
Kursapur Canal ...	550,121	59,293	51,014	57,879	85,320	1,42,900	2,28,220		
Velpur Canal ...									
Gostanady Canal ...									
Mukkamala Canal ...									
Bank Canal ...									
Attali Canal ...									
Venkaiah and Weyaire ...									
Udi High Level Canal ...									
Dry crops irrigated as per Revenue Accounts ...	550,121	311,118	253,739	278,385	4,48,811	8,28,838	12,77,649		

Proceedings of the Madras Government, Public Works Department,
26th July 1876. No. 1,901.

Abstract of Irrigation Registers for Fasli 1283 or 1873-74.—(Concluded.)

Canals.	Area of Villages.	Probable ultimate area to be irrigated.	Area irrigated in Fasli 1283 as per Public Works Department Accounts.	AREA IRRIGATED IN FASLI 1283 as per COLLECTOR'S STATEMENT.			
				Area.	Assessment.	Water-tax.	Total.
Western Delta.—(Concl'd.)							
Yenamadduru Drainage ...	550,121	2,401	268	...	RS. ...	RS. ...	RS. ...
Ellore Canal ...		59,495	41,349	43,723	85,501	1,39,114	1,74,615
Main Canal ...		800	584	1,422	60	713	773
Total ...	550,121	313,825	244,745	270,684	3,34,650	7,22,701	10,57,351
Dry crops irrigated as per Revenue Accounts...	...	...	2,150	...	...	...	...
Grand Total ...	1,099,134	606,937	246,895	514,643	7,32,918	14,95,360	22,28,278
			478,829				
			10,867				
Dry crops irrigated as per Revenue Accounts ...	...	...	469,696	Water-tax paid by the Zemindaris of Nidathavole and Baharzali on contract ...			40,000
							22,68,278

DOWLAISHWERAM,
9th July 1875.

(Signed) J. BEATTY, Major, R.E.,
District Engineer, Godavery District.

No. 452. ORDER THEREON, 26th July 1876, No. 1,901.

IRRIGATION, No. 50-A.

RECORDED, pending the submission
of the explanations which the District
Engineer has been called upon to
furnish.

2. The District Engineer will be careful in future to watch very closely the
progress of irrigation during each season, and to exercise an effective supervision over
the water-supply, and the Government will expect him and the officers in immediate
charge of the several sections of the Delta to possess at all times a complete knowledge
of the state and condition of the irrigation, which knowledge, it is to be observed,
can be readily obtained from the information furnished to them from their registers and
from the water reports which are, it is understood, sent to them daily.

3. His Grace the Governor in Council is further of opinion that, although a
complete abstract of irrigation in the form in use cannot be prepared annually until
after the Collector's accounts have been closed, the first four columns of the statement
can be completed within a month after the close of the season, if for the requisite
final entries in the fourth column an abstract sheet be kept in which the monthly areas
can be regularly posted up. The fourth
column, with a fifth added for the areas*

* Collector's areas.

of the preceding year, will afford valuable approximate information regarding each
season's irrigation, which the Government desire to have placed before them at the
earliest practicable date. The District Engineer will report on what date he considers
this information can be furnished to the Chief Engineer for Irrigation, and the latter
officer will then take care that it is duly submitted to Government.

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25th July 1876. No. 1,901.*

4. The approximate abstract for 1875-76 should be prepared and submitted at once.

5. The complete statement with areas, &c, obtained from the Collector will be subsequently submitted, and as soon after the annual settlement as possible.

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the Chief Engineer for Irrigation
" District Engineer, Godavery.
" Superintending Engineer, Kistna.
" Revenue Department.
" Examiner of Public Works Accounts

Irrigation Godavery
Delta 1874-75

Memorandum for information

It appears to be necessary to explain
with reference to the remarks of

His Grace the Governor on the

draft order on the Memo No 76 W

of the 21 June 1876 and its accompani-

ments that the first column

of the abstract of Irrigation registers

could be completed very shortly after

the close of the year, but that com-

parison with the Collector's statement

cannot be made until after the

annual settlement, and the making

up of his accounts takes some time

2. The area irrigated in any year
according to the D.S.W registers is only
a rough approximation, & always shows
a considerable divergence from the
Collector's statement - the information
is obtained as a basis for the regulation
of the water supply.

by. 10/7/76

N^o 76. W.

Irrigation.

Memorandum.

Enclosure, 3.

The statement from the Board of Revenue of the irrigation in the Godavery Delta for the year 1874-75 has not yet been received from the Board of ~~Revenue~~, but information in an abstract form has been sent up by the District Engineer, and that Officer's letter, together with this free Memorandum containing a review of the results, and instructions to the District Engineer, is submitted for the information of Government in anticipation of the more complete account of the circumstances of the irrigation which it is hoped will be ready before long. It will be seen that there is much need for a very full, and careful investigation by the District Engineer of the facts and circumstances which had an influence in the results exhibited for many of the Canals.

2. Subjoined is an abstract of the cultivation and revenue in each section of the Delta for as many years as there is information

information available.

8. 11. 1876 No. 1
5389

1871-72 1872-73 1873-74 1874-75

Area No. Area No. Area No. Area No.

Eastern Delta. 144,040 455,137 140,543 441,777 143,955 452,531 137,254 423,712
Central Delta. 85,273 286,536 99,274 323,074 49,810 320,109 97,838 319,506
Western Delta. 227,119 659,324 276,826 720,033 270,885 722,700 278,050 748,663

Total 456,432 1,404,997 516,682 1,484,884 514,650 1,492,340 513,142 1,492,091
Water tax Kidathavady 28,488 28,488 40,000 40,000
& Baharwalli Setaki.

Botacaminid }
21st June 1876 }
Wendellins Lieut Colonel
Chief Engineer for Irrigation.

To
The Secretary to Government
Public Works Dept.

No. 13 Nov/74 No. 3219
27 July/75 - 2178

Recd. 21.7.76 Otd. 26.7.76
Re. Cui - 14.7.76 Otd. 21.7.76
Otd. Cui - 5.7.76 Otd. 14.7.76
Cui - 3.7.76 Otd. 5.7.76
V.L. Shet. 52 June

And done - No more clerkage added

Issue Case.

FORMER CASES.

I. E. Form No. 31.

No. of 187 .

P. W. 1876. Department
from
The Chief Engineer for Irrigation.

To
The Secretary to Govt.
P. W. &

Receipt No. 76. W.

Dated 21st June 1876.

Received 28th July

Issue No.

Dated

LATER CASES.

No. of 187 .

Subject:—

Irrigation Registers for field No. 1274
— Badavay District — Submit for
information, with remarks, letter from
the D. E. Badavay, forwarding abstract of
— together with the office memo. re-
viewing the results.

ENCLOSURES. 3

This office memo n^o 64 4.8.76 to 2.2.77
B. 4.8.76 n^o 592 d. 11/6/76.
+ 1 Statement.

Sent to Government with No.

W. of

18

Printed with G. O. No.

dated

REMINDERS ISSUED.

No. 1, dated	187 .
" 2, "	"
" 3, "	"
" 4, "	"
" 5, "	"

2. 4.57

KEEP-WITHS.

E. I. Form No. 22.

No 1901

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 26 July 1876

Read the following:—

Memo by the Chief Eng for 3 R.R. No 714. 7 21 June 76
Engn 3

Recorded pending
the submission of the
explanations which the
District Engineer has
been called upon to
furnish.

2. The District Engineer
will be careful in future
to watch very closely the
progress of irrigation
during each season,

I fail to see why the return
under consideration should not
be at Madras within 10 days
of the close of year —

If an abstract sheet is prepared and to exercise an
effective supervision over
the water supply, and the
Government will expect
the 12 months - each month
small entered in the first week of
January month - then the 12 months
of the year would complete the
whole - there will be no more figures
to write or sums to count than are
now done - no more clerks would

effective supervision over
the water supply, and the
Government will expect

2. 4.57

him and the officers
in immediate charge
of the several sections
of the Delta to possess
at all times a complete
knowledge of the state
and condition of the
irrigation, which knowledge
it is to be observed,
can be readily obtained
from the information
furnished to them
for their registers and
from the water reports
which are it is under-
stood sent to them
daily.

W. 30/6

3. His Grace the Governor in
Council is further of opinion
that, although a complete
abstract of irrigation in the
form in use cannot be

required -
The work cannot then be of
any use unless it is almost
useful for any purpose
except historical -

I think from what I have heard
of the San Joaquin Canal
that some of the
soil is not so well suited
to irrigation as the great
part of the Delta, and
that some of the
dry crops to be raised in
some of the lands under
canal - this will only be
found by experience -

B. C.

* Collector's areas

To
The Chief Engr. for Irrig. with Encl. ✓
Dist. Engr. Goddard
Supr. Engr. Kistner
Revenue Dept.
Examiner of P.W.D.

Dec 22/87

prepared annually until after
the collector's accounts have
been closed, the first 4 columns
of the statement can be com-
pleted within a month after
the close of the season, if for
the requisite final entries in
the 4th column an abstract
sheet be kept in which the
monthly areas can be regularly
posted up - The 4th column,
with a 5th added for the
areas of the preceding year,
will afford valuable approx-
imate information regarding
each season's irrigation, which
the Government desire to have
placed before them at the
earliest practicable date -
The District Engineer will
report on what date he
considers this information
can be furnished to the Chief
Engineer for I. & the latter
Officer will then take care
that it is duly submitted
to Government.

4 - The approximate abstract
for 1875-76 should be prepared
and submitted at once

5 - The complete statement
with areas to be obtained from
the collector will be subse-
quently submitted, and
as soon after the annual
settlement as possible.

by 19/7

[Signature]

N^o 457/52

Received from

1875
7-76

5389011

Govt. of 1876

PUBLIC WORKS.

The Chief Eng^r for Irrigation

1876

1876

1876

1876

G. O. 25 July 1876, No. 1701

No. 45712

Irrigation Registers for

Truck 1284 - Passing

orders on memo by the
Chief Eng^r for Irr.
conforming with remarks
letter from the S^r Eng^r
Godavari forwarding
Abstracts of —

18-5-76