(1)

Revenue Department

Minutes of Consultations

18 Dec 1857

Packs 31 & 32

Order no 12305 2 - Nov 1857

(16) Encl

பாதுகாப்பு பிரிவு - 1 1/07
ப்பிடுபவர் பெயர்
ப்பிடுவதற்காக எடுத்துக் 7/07
ாள்ளப்பட்ட நாள்
ப்பிட்டு முடித்த நாள் 8/07
பார்க்கும் . சரிபார்க்கும் . அதிகாரி
தி மு. தி. பா. எ. 2ம். தி. பு. எ. உதவியாளர்
யொப்பம் கையொப்பம். கையொப்பம்

Fort Saint George, Revenue Consultation of 1st *December* 1857.

No. 31. Read the following letter from H. NEWILL, Esq., Director of Revenue Settlement; to H. FORBES Esq., Acting Secretary to Government, dated Madras 7th November, 1857, No. 53.

SIR,

I have the honor to bring to the notice of Government certain imperfections in the records of the Deputy Surveyor General's office in the custody of the Chief Engineer, with the view to a reference being made (if approved of) to the Surveyor General of India for the purpose of supplying these defects.

2. The Godavery Delta seeming the most desirable locality to which the survey and settlement operations should be extended in the next season, and, as stated in para. 2 of my letter of 27th August, there being no papers whatever among the records of the Deputy Surveyor General in the custody of the Chief Engineer relating to the triangulation of the Rajahmundry District, I applied for copies of those relating to that of Masulipatam with the view of obtaining through the aid of the Collector the identification of the stations that may still be found, so as to facilitate the operations of the survey branch, which I thought might commence in Masulipatam in the event of the papers now under transcript in Calcutta (some of which may relate to Rajahmundry) not arriving in time.

3. The Chief Engineer accordingly furnished me with copies of 2 maps of triangles, with statements of their numerical descriptions, the first comprizing that part of the Masulipatam District known as the Condapully and Masulipatam Sircars, and the latter that of the Ellore Sircar. In looking through the statement of the numerical calculations, it is found that those for the Condapully Sircar are omitted, while those of the Masulipatam Sircar are alone given. The Chief Engineer after a c reful comparison of the maps and registers of the triangles, finds that he does "not possess the apers of the missing calculations."

4. With regard to the triangles of the Ellore Sircar it was pointed out to the Chief Engineer that several of these on the external boundaries, which are represented also in the map of the Condapully and Masulipatam Sircars, differ materially in their numerical calculations on a comparison of the two maps and registers; for instance taking the following triangle on the N. E. of the Condapully Circar chart which is also given in the West of Ellore chart the discrepancies are as follows.

	By Condapully. chart.	By Ellore chart.	Difference.
	feet.	feet.	feet.
Yellagalapully to Bogolo height ...	30568·6	35967·9	5399·3
Yellagalapully to Doodoogul height...	81908·8	81777·9	130·9
Doodoogul to Bogolo	57836·6	67325·8	9489·2

This is only a single instance of the discrepancies which are found in the numerous triangles common to both charts, and the supposition that they arise from slight differences in the points from which the observations were made is therefore inadmissible.

5. The triangles for the Ellore Sircar profess to set out from a measured base, but any error in the latter will not account for the discrepancies which are found to vary without any apparent rule, instead of bearing a proportionate rate of difference as would be the case if they arose from the base being taken at too large or too small a value. The Chief Engineer states

with regard to these discrepancies that the "incomplete records of the late Deputy Surveyor General's Department under his charge do not contain sufficient data to explain them."

6. The prima facie view of the matter seems to indicate that as the Triangles for the Circars of Condapully and Masulipatam profess to set out from a side of Colonel Lambton's Trigonometrical triangles and are connected with stations belonging to former grand or secondary trigonometrical triangles and are connected with stations belonging to former grand or secondary triangulations, in which cases a double value is given to the sides differing immaterially in a very few feet, they are to be considered as accurate and sufficient for the purpose of the connection of the Revenue survey with the Trigonometrical operations; while the absence of any connection between the Ellore triangles and the Trigonometrical survey and the great discrepancies of the former compared with the survey of Condapully and Masulipatam show the work to have been of an inferior kind and altogether unsuited for the object now in view, the connection of the Revenue Survey operations.

7. It seems however desirable that these presumptive conclusions should be tested in the Surveyor General's office by a reference to the records, and also that the portion of the description of the triangles alluded to in para. 3 should be supplied. I am induced to suggest a reference on these points particularly with respect to the expression in para. 2 of the letter* of the Surveyor General of India dated 20th August 1855, that "copies of all memoirs of Topographical surveys based on

* *Forwarded to me with Extract Mins. Cons. dated 16th Sept.* 1857.

Colonel Lambton's triangulation are in the Chief Engineer's office at Madras, as it would seem, as pointed out above, that these papers are not complete for the Masulipatam District, and as already stated entirely wanting for the District of Rajahmundry; and the drawing attention to the subject now and to the clue which in the sequel* will be noticed as found to some papers relating to Rajahmundry may save time by preventing these points being overlooked in any reply to the reference made by the Government to the Government of India on 16th September last.

* *Para.* 3.

8. It may not be out of place at the same time to urge the importance of the immediate despatch of the transcripts of the records of the Deputy Surveyor General's Department sanctioned by the Government of India as far back as 12th July 1856, particularly as the season for field operations is now approaching and some of the papers in question will be needed for reference. The plans for the extensive organization of the survey and settlement establishments have already been submitted† through the Board of Revenue, and it would be well as far as practicable to avoid any embarrassment or inconvenience in the prosecution of operations from the absence of the papers required for their connection with the Grand Trigonometrical Survey.

† *Os 16th and 28th Ultimo.*

9. I take this opportunity of appending a list of some documents of the Surveyor General's Department which the Superintendent of Revenue Survey has been able to trace, the first paper seems to be one already in the Chief Engineer's office, while the two last confirm the hope expressed on a former occasion of some records being found for the Rajahmundry District.

10. I enclose copy of the correspondence which has passed with the Chief Engineer on the subject, though I have endeavoured to make this communication sufficiently explicit to be independent of a reference to it.

No.	Surveyor General's Office.	Title of Maps.	Author's Name.	Original or Copy.	Scale.	Date.	Remarks.
15	Vol. II. Comp. C. G. b 15	Plan of series of Triangles extending through the Condapilly cirkar, forming a part of the Masulipatam District.....	W. Scott. H. Hamilton and J. Summers, Assistant Surveyors.	.....	M. I. 4 1	1816–17–18	In good order. A large Map.
16	16	Plan of a series of triangles in Masulipatam and part of Condapilly.....	J. Summers, Assistant Surveyor.	Original.	2 1	1818 July.	Do. This is contained in the preceding Plan (No. 15.)
56	$\frac{3}{12}$	Plan of Triangles carried on through the Rajahmundry District.....	By Capt. C. Suell.	Original and copy.	4 1	....	Lines of Lat. and Long. reckoned in feet from the Meridian and perpendicular of Carangoody. Copy marked M. 4. original M. 47.
58	$\frac{4}{12}$	Office copy of Plan of Triangles in the Rajahmundry District.....	do.	Copy.	4 1	.....	Marked M 71 Graduated for lat. and Long. contains more triangles than Plans $\frac{4}{12}$.

(True Copy.)

(Signed) H. NEWILL,

Director of Revenue Settlement.

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From H. NEWILL, Esq., Director of Revenue Settlement; to Colonel C. E. FABER, Chief Engineer D. P. W., dated Madras 2nd October 1857 No. 21.

SIR,

I have the honor to request you will be good enough to furnish me as early as possible with a copy of any lists of triangulations with their numerical calculations and the description of the station that may be found in the memoirs of the Topographical survey of the Masulipatam District in your custody. If to expedite the transcription any charge for copyists may be necessary, I shall be happy to disburse the same to you.

From Colonel C. E FABER, Chief Engineer; to H. NEWILL, Esq., Director of Revenue Settlement Madras; dated Fort St. George 30th October 1857, No. 191.

SIR,

With reference to your letter No. 21, of the 2d Instant, I have the honor to furnish you herewith with transcripts of the triangulations, &c.. of Ellore and Masulipatam, the receipt of which, I request you will do me the favor to ackn.

The bill for the copyists, amounting to Rs. thirty five (35) also accompanies, and I request you will be so good as to disburse it.

From H. NEWILL, Esq., Director of Revenue Settlement; to Colonel C. E. FABER, Chief Engineer D. P. W. dated Madras 2d November 1857, No. 45.

SIR,

1. I have the honor to acknowledge the receipt of your letter of 30th October last with transcripts of the triangulations, &c., of the Ellore and Masulipatam Sircars, and also a bill for 35 Rupees for copying the same, and with respect to the latter to inform you that it is included in my contingent bill for October, and the amount will be forwarded to you as soon as drawn in 2 or 3 days.

2. I beg to observe regarding the transcripts, that the commencing table of the results of calculations seems only to take in the Southern part of the plan of the triangles for the Condapully Sircar, so that the calculation for the upper, a North Western are wanting.

3. I take the opportunity of pointing out that the distances marked for several triangles common to both plans differ in a very material degree, for instance taking the following triangle on the N. E. of the Condapully Sircar chart which is also given on the west of the Ellore chart the discrepancies are as follows.

	By Condapully chart.	By Ellore chart.	Difference.
Yellagalapully to Bogolo height	30568·6	35967·9	5399·3
Yellagalapully to Doodoogutt height.	81908·8	81777·9	130·9
Doodoogutt to Bogolo height	57836·6	67325·8	9489·2

4. Similar discrepancies occur in all the other triangles found in both charts forbids the supposition of their arising from any difference in the station points.

5. I shall be much obliged by any information the records may afford as to the nature and cause of these discrepancies, which without explanation must vitiate any proceedings based upon them.

6. I at first conjectured that as the triangles for Ellore set out from a measured base instead of a side of the trigonometrical triangles, the differences might arise from an error in the base, but as in this case the error throughout would be proportional instead of constantly varying without any apparent rule, this is fatal to the attempt at the solution.

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From Colonel C. E. FABER, Chief Engineer D. P. W.; to H. NEWILL, Esq., Director of Revenue Settlements, dated Fort Saint George 4th November 1857, No. 193.

SIR,

1. I have the honor to acknowledge the receipt of your letter, No. 45 of the 2nd Instant, and in reply, beg to state, that the missing calculations of the North Western part of the Condapully Circar triangles, were not furnished to you, because I do not possess them.

2. The Maps of triangles, and the register, from which the transcripts were drawn and forwarded to you; have been again carefuly and closely compared, and have been found to agree in every particular; and I greatly regret to inform you, that the incomplete records of the late Deputy Surveyor General's Department under my charge, do not contain sufficient data to explain he discrepancies that exist in the numerical difference of the triangles connecting the portions of country in the Masulipatam District, as brought to notice by you.

3. I would therefore suggest your applying to the Surveyor General, Calcutta, who will be able, I doubt not, from the valuable and complete records in his office, to furnish you with every information connected with the grand and minor triangulations, and their results of this Presidency.

Ordered in consequence that the following letter be despatched.

No. 32. From H. FORBES, Esq., Acting Secretary to the Government of Fort Saint George; to the Secretary to the Government of India, dated 27th November 1857, No. 1230.

SIR,

With reference to my letter of the 16th September last, No. 945, I am directed by the Right Honorable the Governor in Council to forward the accompanying communication, with its enclosure, from the Director of Revenue Settlements, bringing to notice certain discrepancies in the triangulations and numerical calculations of the Masulipatam District, which have been discovered in the records of the Deputy Surveyor General's office, in the custody of the Chief Engineer; and to request that, with the permission of the Government of India, this Government may be furnished with any information regarding the cause of those discrepancies, which the more complete records of the Surveyor General may afford, as well as with a Statement of the numerical calculations of that portion of the Condapilly Sircar, referred to by Mr. Newill in para. 2 of his letter to the Chief Engineer of the 2d Instant, No. 45.

2. I am also desired to request that the necessary instructions may be issued for the early despatch of the records mentioned in para. 8 of Mr. Newill's letter, and to solicit attention to the list of documents referred to in para. 9, which it is supposed will afford a clue to the discovery of some of the records of the Rajahmundry District.

N°53

5
1239

From A Newill Esquire
Director of Rev. Settlt.

To H Forbes Esquire
Sy. Secretary to Govt.

Sir,

I have the honor to bring
to the notice of Government certain
imperfections in the records of the
Deputy Surveyors Generals Office
in the Custody of the Chief Engineer
with the view to a reference being
made / if approved / to the
Surveyor General of India for the
purpose of supplying these defects.
2 The Godavery Delta seemed
the most desirable locality to which
the Survey and Settlement operations
should be extended in the next
season, and as stated in former
Sy my letter of 27th August there
is only no papers whatever among
the records of the Deputy Surveyor

General in the custody of the Chief Engineer relating to the triangulation of the Rajahmundry District, I applied for copies of those relating to that of Masulipatam with the view of obtaining thro the aid of the Collector the identification of the Stations that may still be found, so as to facilitate the operations of the Survey in which, which I thought might commence in Masulipatam in the event of the papers now under manuscript in Calcutta (some of which may relate to Rajahmundry) not arriving in time.

3 The Chief Engineer accordingly furnished me with copies of 2 Maps of Triangles, with Statements of their numerical descriptions, the first comprizing that part of the Masulipatam District known as the Condapilly and Masulipatam Sircars, and the latter that of the Ellore Sircar. In looking thro the Statement of the numerical calculations I found that those for the Condapilly Sircar

6/1239

are omitted, while those of the Masulipatam Sircar are alone given. The Chief Engineer after a careful comparison of the Maps and Registers of the triangles finds that he does "not possess the papers of the missing Calculations."

4 With regard to the triangles of the Ellore Sircar it was pointed out to the Chief Engineer that several of these on the external boundaries which are represented also on the Map of the Condapilly and Masulipatam Sircars, differ materially in their numerical Calculations on a comparison of the two Maps and Registers; for instance taking the following triangle on the N.E. of the Condapilly Sircar Chart, which is also given in the Chart of Ellore the discrepancies are as follows

	By Condapilly Chart feet	By Ellore Chart feet	Difference feet
Yellagadapilly to Bogolo peight	30568.6	35967.9	5399.3
Yellagadapilly to Doodeegul heights	81908.8	81777.9	130.9
Doodeegul to Bogolo	57836.6	67325.8	9489.2

This is only a single instance of the discrepancies which are found in the numerous triangles common to both Charts and the supposition that they arise from slight differences in the points from which the observations were made is therefore inadmissible

5 The triangles for the Ellora Series profess to set out from a measured base, but any error in the latter will not account for the discrepancies which are found to vary without any apparent rule, instead of bearing a proportionate rate of difference as would be the case if they arose from the base being taken at too large or too small a value. The Chief Engineer states with regard to these discrepancies that the "incomplete records of the late Deputy Surveyor Generals Department under his charge do not contain sufficient data

6 The prima facie view of the matter seems to indicate that as the triangles for the Series of Condapelly and Masulipatam profess to set out from a side of Col. Sandtons Trigonometrical triangles and are connected with Stations belonging to former ground or Secondary triangulations, in which cases a double value is given to the sides, differing materially in a very few feet, they are to be considered as accurate and sufficient for the purpose of the connection of the Revenue Survey with the Trigonometrical Operations, while the absence of any connection between the Ellore triangles and the Trigonometrical Survey and the great discrepancies of the former compared with the Survey of Condapelly and Masulipatam show the work to have been of an inferior kind and altogether unmounted for the great accu-

racy

vice, the connection of the Revenue
Survey Spirations.

7. It seems however desirable
that these presumptive conclusions
should be tested in the Surveyor
General's Office by a reference to
the records, and also that the Jus-
tion of the description of the
triangles alluded to in para
3 should be supplied. I am
induced to suggest a reference
on these points particularly with
respect to the expression in para
2 of the letter of the Surveyor
General of India dated 20th
August 1853 that "Copies of all
Memoirs of Topographical
Surveys based on the Sanctioned
triangulation are in the Chief
Engineers Office at Madras", as
it would seem as pointed out
above, that these papers are not
complete for the Masulipatam
District, and as already
stated entirely wanting for
the District of Rajahmundry.

† forwarded to Govt with Sec M. Genl dated 16th Sept 1854

† para 9

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and the drawing attention to the
subject now and to the one which
in the Segment will be noticed
as found to some papers relating
to Rajahmundry may save
time by preventing these points
being overlooked in any reply
to the reference made by the
Government to the Government
of India on 16th September last.

8 It may not be out of
place at the same time to
urge the importance of the
immediate despatch of the
transcripts of the records of the
Deputy Surveyor Generals Department Sanctioned by the
Govt. of India as far back
as 13th July 1850 particularly
as the Season for field Ope-
rations is now approaching
and some of the papers in
question will be needed for
reference. The plans for the
determine organization of the
Survey and Settlement Establish-
ments have already been submitted

† 16 & 28 Ult.

from the Board of Revenue, and
it would be well as far as
practicable to avoid any
embarrassment or inconvenience
in the prosecution of Operations
from the absence of the papers
required for their connection
with the Grand Trigonometrical
Survey.

9 I take this opportunity of
appending a list of some docu-
ments of the Surveyor General's
Department which the Super-
intendent of Revenue Survey
has been able to trace. The first
paper seems to be one already in
the Chief Engineers Office, while
the two last confirm the hope
expressed on a former occasion of
some records being found for the
Rajahmundry District.

10 I enclose copy of the
correspondence which has passed
with the Chief Engineer on the
subject, the I have endeavored
to make this communication
sufficiently explicit to be

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independent of a reference to it.

I have the honor to be
Sir
Your most Obed.t Servt.

A Blunt
Director of Rev. Sett.

Office of the
Director of Rev. Sett.
Madras 7th Nov.r 1857

№	Surveyor Genl's Office	Title of Maps	Author's name	original or Copy	Scale	Date	Remarks
							10/1230
5	Vol II Comp. C C.C 15	Plan of series of Triangles extending through the Condapilly Circar, forming a part of the Masulipatam District	W. Scott, H. Hamilton, J. Summers, assistant Surveyors	original	M. I. 4 – 1	1816-17-18	In good order A large Map.
6	16	Plan of a series of Triangles [illegible] and part of Condapilly	A Sst. Surveyor	original	2 – 1	1818 July	Ditto This is Contained in the preceeding Plan (№ 15)
56	33/12	Plan of Triangles carried on through the Rajahmundry District	By Capt. C. Swell	original or Copy	4 – 1	"	Lines of Lat. and Long reckoned in feet from the Meridian and perpendicular of Caramgoody Copy marked M. 4. original M 47.
58	33/14	Office Copy of Plan of Triangles in the Rajahmundry District	do.	Copy	4 – 1	"	Marked M 71 Graduated for lat. and Long. Contains more triangles than Plans 33/12.

/ True Copy /

[illegible]

Director of Rev. Settle.

Pl 4

No 1

From

H. Newill Esqre

Director of Revenue Settlement

11

To 1238

Colonel C. E. Faber

Chief Engineer &c &c &c

Sir,

I have the honor to request you will be good enough to furnish me as early as possible with a Copy of any Lists of triangulations with their numerical calculations and the description of the Stations that may be found in the Memoirs of the Topographical Survey of the Masulipatam District in your Custody. If to expedite the transcription any charge for copyists may be necessary I shall be happy to discharge the same to you.

I have the Honor to be,
Sir,
Your Most Obedt Servt
Signed H. Newill
Director of Rev. Settts

Office of the
Director of Rev. Settts
Madras 2nd October
1857

Pl 191

From

Colonel C. E. Faber
Chief Engineer

To

H. Newill Esqre
Director of Rev. Settts.

Sir,

With reference to your Letter No 1 of the 2nd Instant, I have the Honor to furnish you herewith with transcripts of the Triangulations &c

&c., of Ellore and Masulipatam, the receipts of which, I request you will do me the favor to acknowledge.

The Bill for the Copyists amounting to Rupees thirty five (35) also accompanies, and I request you will be so good as to discharge it.—

I have the honor to be,
Sir,
Your most Obed.t Servt
Signed C. E. Faber Col.
Chief Engineer

Gov.t Litho: Press.
Central Office F.S.D.
Fort Saint George
30th October 1857

No 45.

From
Lieut.-Col. H. Newill Engineer
Depty Supdt. Roy. Survey

To
Colonel C. E. Faber
Chief Engineer D.P.W.

Sir,

1. I have the honor to acknowledge the receipt of your letter of 30th October last with transcripts of the Triangulations &c. of the Ellore and Masulipatam Surveys and also a Bill for 35 Rupees for Copying the same and with respect to the latter to inform you that it is included in my Contingent Bill for October and the amount will be forwarded to you as soon as drawn in 2 or 3 days.

2. I beg to observe regarding the transcripts that the commencing table of the results of calculations seemingly to take in the Southern part of the plain of the Triangles for the Cuddapah Series,

Series, is that the calculation for the difference a North Western are wanting. 12 / 1230

3. I take the opportunity of pointing out that the distances marked for several triangles common to both plans differ a very material degree, for instance taking the following triangle on the S.E. of the Cuddapah Series Chart in which is also given on the west of the Ellore chart the discrepancies are as follows—

	By Cuddapah Chart	By Ellore chart	Difference
Yellagala hilly to Rogolo height	30568-6	35967-9	5399-3
Yellagala hilly to Doodugutt height	81908-8	81777-9	130-9
Doodugutt to Rogolo height	57836-6	67325-8	9489-2

4. Similar discrepancies occur in all the other triangles formed in both Charts forbids the supposition of their arising from any difference in the station points.

5. I should be much obliged by any information the records may afford as to the nature and cause of these discrepancies which without explanation must vitiate any proceedings based upon them.

6. I at first conjectured that as the triangles for Ellore set out from a measured base instead of a side of the trigonometrical triangles the differences might arise from an error in the base, but as in this case the error throughout would be proportional instead of

of constantly varying without any appa-
rent rule, this is fatal to the attempt at
the Solution.

I have the honor to be,
Sir,
Your most Obed.t Servt.
Signed H. Newill
Director of Rev: Settls

Office of the
Director of Revenue Settls
Madras 2nd Nov.r
1857. 3

No 193.

From

Colonel C. E. Faber
Chief Engineer &c &c

To

H. Newill Esqr
Director of Rev: Settls

Sir,

1. I have the honor to acknowledge the receipt of your letter, No 145 of the 2nd Instant, and in reply, beg to state, that the missing calculations of the North Western part of the Cis-kapilly Circar Triangles, were not forwarded to you, because I do not possess them.

2. The maps of triangles, and the Registers, from which the transcripts were drawn and forwarded to you, have been again carefully and

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and closely compared, and have been found to agree in every particular; and I greatly regret to inform you, that the incomplete records of the late Deputy Surveyor Generals Department under my charge, do not contain sufficient data to explain the discrepancies that exist in the numerical difference of the Meridional Distances connecting the positions of Country in the Masulipatam District, as brought to notice by you.

3. I would therefore suggest your applying to the Survey General, Calcutta, who will be able, I doubt not, from the valuable and complete records in his office, to furnish you with every information connected with the Grand and Inner Triangulations, and their results, of this Presidency.

I have the honor to be
Sir
Your most Obed.t Servt
(signed) C. E. Faber Col
Chief Engineer

Govt Lettrs Press 3
Central Office of P.W. 3
Fort Saint George 3
4th November 1857 3

True Copy
H. Newill
Director of Rev: Settls

14
1230

Hospital Dispt 28
Steamer

No 1230.

To

The Secretary to the Government of India

Sir,

With reference to my letter of the 16th September last No 945, I am directed by the Right Honorable the Governor in Council to forward the accompanying communication with its enclosure from the Director of Revenue Settlement, bringing to notice certain discrepancies in the triangulations and numerical calculations of the Masulipatam District which have been discovered in the records of the Deputy Surveyor General's Office, in the Custody of the Chief Engineer, and to request that with the permission of the Government of India, this Government may

Rd 13th Oct
Acd 21st Oct
Ans 8th Nov

may be furnished with
any information regarding
the cause of those discrepancies,
which the more complete records
of the Surveyor General may
afford, as well as with a State-
ment of the numerical cal-
culations of that portion of
the Condapilly Sircar, referred
to by Mr. Newill in para 2
of his letter to the Chief Engineer
of the 2d instant N° 45.

I am also desired to
request that the necessary
instructions may be issued
for the early dispatch of the
records mentioned in para 8
of Mr. Newill's letter, and to
solicit attention to the list of
documents referred to in para
9, which it is supposed
will afford a clue to the
discovery of some of

the

15
1230

the records of the
Rajahmundry District.

For Sr. Geo. 27th Nov. 57

Copy to Dr. Rev. Settlements

Revenue 1857 Sept.
Dt to Govt 1st Dece.

No. 1230.

To the Secretary to the
Govt. of India.
Dt 27th Novr 57.

From the Secretary to Govt of India
dt 2 January 1858 No. 05 in 19 March
From Do. Do. 8 April 58 19/25.
No. 649 in 30 May 30/1.

Forwarding the Commu-
nications with its enclosures
from the Director of Revenue
Settlements regarding certain
discrepancies in the triangula-
tions and numerical Calcula-
tions of the Masulipatam
District and requesting to fur-
nish information regarding the
causes of these discrepancies with
a Statement of the numerical
calculations of that portion of

908 - 4 +
15 - 1 - 04
25-1-12

the Condapilly Sircar

No 31 & 32.