M.R.O. 14—10,000—21-4-32.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1465 Press ~~Mis.~~

82-83

Dated 28—10 18 57

Not to be folded or roughly handled

No. 87. Read the following letter from Lieutenant Colonel E. LAWFORD, Deputy Chief Engineer Central Circle; to the Secretary to Government P. W. D. dated Fort St. George, 26th September 1859, No. 39.

With reference to the orders quoted in the margin, I have the honor to submit Statements explanatory of the progress of the Madras Collectorate Survey, conducted by Messrs. Walker, and Plumbe.

Revenue Department No. 1165, dated 31st August 1859.

Enclosure 11.

5 Original statements. 1 Copy of letter from Collector of Madras to Board of Revenue with 1 Enclosure and 4 original letters.

2. The extent of ground surveyed, the number of holdings, and the time occupied in the work, are thus shewn.

		Cawnies.	Holdings.	Years.	Days.
Mr. Walker...	Mylapoor	3,114	4,236	2	68
	Noongumbaukum	668	450	0	151
	Elamboor	1,372	1,677	1	35
				Probable.	
	Poorsewaulkum	1,740	4,470	1	335
Mr. Plumbe..	Triplicane	777	2,599	2	4
	Black Town	in progress.			

3. The cost of the survey, so far as known, is as follows:

	Average per Cawny.			Total.		
	Rs.	A.	P.	Rs.	A.	P.
Mylapoor	2	15	0	9,184	9	3
Noongumbaukum	3	2	6	2,113	3	10
Elamboor	3	2	0	4,282	7	9
Triplicane	12	6	3	10,581	10	0

4. The comparison of measurements, by main and secondary traverses, and the computed areas of holdings, is as follows:

Mylapoor reported by Captain Collyer.

	Main traverses.			Secondary traverses.			Holdings.		
	Caw.	Gr.	Ft.	Caw.	Gr.	Ft.	Caw.	Gr.	Ft.
Noongumbaukum	668	13	250½	667	8	1093½	666	23	1,693⅓
Elamboor	1,372	23	1,309⅝	1,373	20	891,8	1,373	16	596⅝
Poorsewaulkem	1,710	8	1,188⅝	1,710	20	1,531	not computed		
Triplicane	777	17	211	777	17	1,419	779	3	1,277

5. The examination of the Surveyor's work in this office, has from the beginning been limited to a general inspection of the plans and field books, and a re-computation of areas. Up to November 1857, this was done by the Superintending Engineer of the Central Circle, but it appeared to me so unsatisfactory, as affording a real test of accuracy that I sugested to Colonel Faber, that the supervision of the survey should be placed under the Revenue Survey Department, and Director of Revenue Settlement. This change however was not approved of, and the Assistant to the Chief Engineer was directed to conduct the supervision, which system has continued up to the present time.

Minute dated 28th October 1857.

Chief Engineer's Resolution No. 4961, dated 4th Nov. 1857.

6. The work has been examined generally every month, and so far as such scrutiny extended, it has been carefully exercised. In computing the areas, that of each holding in a block is calculated, the areas of all the holdings in the block are then added together and compared with the area of the block, as taken from the traverses. The result of the several calculations given above, appears to shew great accuracy, but that serious errors may be made, which can only be detected by remeasurement, is proved by the fact brought to notice by the Collector of Madras, that on a casual remeasurement of two holdings in the Mylapoor Division, the extreme apparent accuracy of which had been reported by Captain Collyer, the following serious, and inexcusable errors had been discovered.

In letter to the Revenue Bd. No. 44, dated 18th March 1858.

To the Revenue Board No. 3316 dated 5th December 1855.

	Original Measurement.			Revised Measurement.		
	Caw.	Gr.	S. Ft.	Caw.	Gr.	Ft.
Agnew's Gardens.....	10	13	1,409	14	23	218
Brodie Castle.....	26	22	1,809	37	0	16
Total.....	37	12	818	51	23	234

7. It is impossible to reconcile the existenco of this glaring discrepancy, amounting to 38 per cent. with that accordance of the calculations which had been exhibited, and Mr. Walker on being called on far explanation, failed to afford any that was satisfactory. The matter having been referred by the Board of Revenue to this office, I again suggested the Surveyors being placed under the control of the Revenue Survey Establishment, but no change took place, nor was any reply received.

From Mr. Walker dated 15th April 1858. To Revenue Board No. 9125, dated 19th April 1858.

8. I am still of opinion that a re-measurement of parts of the survey, by an officer of bigher standing, is very desirable, and I lately proposed to the Chief Engineer to employ a young officer of Engineers in that duty, but I consider it would be far better, if practicable, to place the entire work in the hands of the Revenue Survey Department.

9. In regard to the time hithert› taken up, and that required for the completion of the survey, I must observe, as Captain Collyer has already done, that great delay must attend tho measurement of small holdigs in a densely populated place like Madras, aggravated, as such cause of difficulty is by peculiar prejudices. Great partof the survey has been in progress during unsettled times, when unusual obstructions were unavoidable.

10. The time required for completing the Perambore and Tondiarpettah surveys, is likely to be above two years from the end of 1859, if the Tondiarpettah division is to be re-surveyed. About half of the Town division will be finished by the end of this year, and the remainder will occupy three more years.

11. Of the cost of the survey, I am not in a position to offer a very reliable opinion, but the marked difference between the expenses of the part under Mr. Walker, and that under Mr. Plumbe, may I think be accounted for by the latter having been chiefly in the most populous places.

12. I trust that the Government will be satisfied with the part I have taken, as regards the supervision of this survey, which, up to the time of my being relieved from it by Colonel Faber's order, was quite as much as that officer expected either from Captain Collyer or myself, for although it certainly has not been such as could render me responsible for the results, I do not suppose it ever was the intention to throw on the Deputy Chief Engineer, the laborious duty of field examination. If, however, a closer inspection is required in future, I beg that the surveyors may work in the central office, under my own eye.

13. The delay in submitting this report has been caused by my having forwarded it, in the first instance, to the Chief Engineer, who, after making certain enquiries, has returned the papers, considering they should be sent direct to Government.

No. 83. ORDER THEREON, 28th October 1859, No. 1465.

Resolve to place the Madras Survey under the Director of Revenue Settlement and Superintendent of Survey, as a part of the general survey of the Presidency. Mr. Newill will report, after enquiry, any changes which he may consider it necessary to make in the conduct of the survey.

(Signed) J. D. BOURDILLON,
Secretary to Government.

To

B. Cunliffe Esqre.
Collector of Land Customs,
Madras.

Sir

I herewith beg leave to forward a Traverse Table shewing the exact Area of the Brodie Estate, as Resurveyed by me on the 9th Instant; and in explanation of the difference that exists between this and any former Survey to state that when Surveying the land in 1854, I excluded the old stream running through the estate, and included it as a portion of river, and such was the boundary pointed out to me by the man in charge of the ground. The Area as shewn by the enclosed Traverse Table is 39-a 16 & 6 and is taken to the two roads on the North and West, to the River Bank on the South, and to the road leading to Mr Underwoods Compound on the East.

I have the honor to be Sir
Your most obedient
Humble Servant
(Signed) W. H. Walker
Revenue Surveyor

Saravankum,
March 1858.

True Copy
(Signed) B. Cunliffe
Collector.

True Copy
Lawrence Lt. Col.
Dy. Ch. Engr. C.C.

No 44 Madras 18th March 1838

From

D. Cunliffe Esqre
Collector of Madras

To

G. A. Tibbs Esqre
Secretary to the
Board of Revenue

Sir,

I have the honor to transmit herewith a Statement, prepared by the Chief Sheristadar of this Collectorate, exhibiting the particulars of the Inam claims of the Land Holders of Chingleput, which are annexed to that Statement that I may be favored with the instructions of the Board of Revenue, as to the course to be pursued in disposing of the numerous claims which have been observed in the enumeration.

2. I would beg to call the attention of the Board to the circumstance that Gratuitously lands to the extent of 1/3 of the whole Jaghire have been resumed, and that I have been directed to collect the Assessment on the same, and that the Jaghiredar is entitled to the Quit Rent of the remaining 2/3 of the Jaghire, which is the only source of his income, and that the Inam claims of the Ryots are to be disposed of by the Board of Revenue, I would beg to suggest the propriety of the Jaghiredar being allowed to collect the Quit Rent of the Ryots Inam lands, as the Jaghiredar is responsible for the Peishcush of the Jaghire, and the Ryots are accustomed to pay their Quit Rent to the Jaghiredar, and not to the Collector.

I have &c.

(Signed)

Enclosure in a letter
from the Deputy Chief Secy to
G.C. to the Chief Secy to G.G.F.S.
No dated

Copy of Letter from the Collector
of Madras to the Secretary
to the Board of Revenue
No 44 dated 18th March
1838.

3. The first case is that of "Agnes Castle" in Tanamperita. This property was made in the Survey to contain 10-13-1409. On an application from the Reverend Mr. Loly, the Portuguese Bishop, in charge of the property, for a reduction of rent in consequence of some portion of the land having been taken by Government in widening the public road, the premises were remeasured by Mr. Mead the Surveyor attached to this Office, and were found to contain 14-11-772 or 3-21-1763. more than the extent as declared in the Survey.

4 The matter was then brought to Mr. Walkers notice, and he confessed the error, declaring that it arose from overlooking some of the measurements entered in his Field Book and made his second measurement 14-23-218

5. I was rather chagrined at this explanation seeing that 4 3/8 Cawnies had been omitted out of 15 Cawnies, but the matter passed over.

6. The second case relates to the premises known as "Brodie Castle" the extent of which was given by Mr. Walker at 26-22-1809 and for this Certificates have always been, and rent received.

7. The Government having lately directed me to land in a valuation of the houses and information as to the extent of the property, Mr. Kemp was deputed by me for the first purpose, and for the second I was content to take the dimensions entered in the Survey Register. Mr. Kemp however remeasured the property, under instructions I believe from the Civil Architect, who jointly with myself had been directed to supply the information required, and reported to me that it contained 34-2-620, an extent of land formerly occupied by a stream, but now many years dried up, having apparently been omitted by Mr. Walker.

8. I let the matter rest for the time, not knowing who would become the eventual proprietor, as the Estate was about to be sold by Auction, but now that the property, though purchased by Government, may remain for some time in the hands of the late proprietor, I called on Mr. Walker to account for the difference.

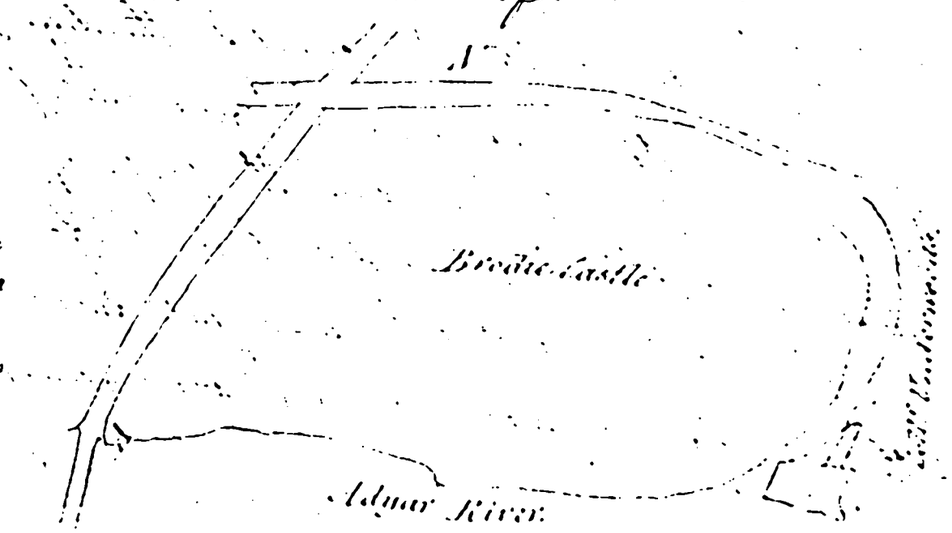
9. He came to me in Office and appeared unwilling to remeasure the property, declared that he had included the land, (formerly water,) and that he was quite sure that his former measurement was correct,

and

and that even after his resurvey, it would be necessary to have the land measured again by a third party, to declare what measurement was the correct one.

10. However as I would not be satisfied over Mr Walker proceeded on the 9th to Measurement, and on the 10th came to me with his Observe table, and acknowledged that the land inside the property was more extensive than Mr Rimbault had stated it to be, and that it contained 37 - - 16 and the next day he handed in the enclosed explanation, which to me seems very unsatisfactory.

11. One of the main reasons for the Survey was the bringing to account Lands which had hitherto escaped Assessment. The Board are probably aware of the clear manner in which the boundaries of the Brodie Castle premises are defined, west and North by the public road, East by a small Channel from the river & South by the river itself.



12. The above is a copy of the plan on the Sectional Map, on which no Stream is marked except to the East.

13. There was formerly a Stream entering at A, and running north west, joined the Eastern Channel, but the greater portion of the land over which it flowed has long dried up, and the proprietor has been enjoying it as part of his own grounds.

14. If as Mr Walker now states, he excluded it, as being beyond the limits pointed out to him, it should have been entered as Government ground, and it might have been sold by Auction, or the proprietor of the adjoining land permitted to purchase it at the local selling price of 100 Rs the Cawnie.

15. If the premises remain with the present holder, this course can still be followed, at any rate the land should have been shown on the accounts as exceed, and if the proprietor disowned it, shown as Government ground on the Plan.

16. I cannot understand why Mr Walker should, as he declares, have entered it as land, for though it may be temporarily overflowed on the Monsoon, it was dry when Mr Walker surveyed it at the end of April 1854.

17. It was formerly a continuous stream, as shown in Ravenshaw's Maps, and Mr Brodie may have excluded it (& probably did) from his purchase, but as said before, it was plain to the commonest observer that the land was now good as any part of the premises, & was enjoyed in common with the rest of them.

18. I am much annoyed, as I am sure the Board will be, at these errors in a Survey which we had supposed had been so satisfactorily performed, but I am compelled, I think to bring them to their notice, and to ask whether in their judgement it will be necessary further to test the Survey by remeasuring certain portions of it.

19. There is another garden in Saint Thomas which Mr Walker measured 8– 20– 1366 or Cs Gs Sqft. 4 – 8 – 847 short of the extent entered in the Certificate. The premises were remeasured by one of the Office Masters, that the Certificate might be registered in the name of a recent purchaser, and he made it the full extent. Mr Walker doubts the accuracy of the second measurement, and he may be correct, I have not proceeded further in the case, but the difference is

P3

6

P3. of a Cawnie in about nine Cawnies.

I have the honor to be &c.

Madras
18th March 1858.

Signed B. Cunliffe
Collector

True Copy

Lawford Lt Col
Dy Chief Engr C.C

Revenue

No. 39.

Deputy Chief Engr's Office
Fort St. George
26th September 1839

From

Lieut. Col. C. Lawford
Deputy Chief Engineer
Central Circle.

To

The Secretary to Government
P.W.D.

Sir,

With reference to the orders passed
on the undermentioned papers, I have the honor to submit
herewith, for the information of the Board of
Revenue, Statements, Collectorate Surveyor's &
Mistrys Certificates and Amended Plans
of the undermentioned Choultries.

Enclosures.

5 Original Statements
1 Copy of Letter from Collr. of Madras to Secy. Board of Revenue dated
1 Extract
4 Original Letters

Revenue Department
No. 1165 dated 4th Oct. 1839.

Mistry Vellaiyah Swamy's Choultry.

The Collector of Madras having reported that the Choultry
erected by the late Mistry Vellaiyah Swamy, on the Choultry
ground, is in a state of dilapidation, and that the
Trustees of the Choultry are unable to repair it,
the Board of Revenue request that the Chief Engineer
will be pleased to cause the Choultry to be repaired
at the expense of the Trustees.

2. The Collector of Madras is requested to
cause the Choultry to be delivered over to the Trustees
when repaired.

Mistry Vellaiyah Swamy's Choultry	3114	42336	2	68	
Town Cawsum	668	450	"	157	
Chum Cawsum	1372	1677	1	55	
Conjeveram Choultry	1740	4470	1	335	Rebatable
Tripleconne	177	2599	2	4	
Black Town		in progress			

The Cost of the Surveys to
for

Enclosure in Letter No. 39
dated 26th September 1839, from
the Deputy Chief Engineer
Central Circle to the Secretary
to Govt. P.W.D.

R 1778/59

Copy of a Letter from the
Collector of Madras to
the Secretary to the Board
of Revenue No. 44 of 18 March
1838.

far as timing, is as follows,

	Average per Cawny Ro-A-P			Total Ro-A-P		
Mylapoor	2	15	-	9184	9	3
Noongumbaukum	3	2	6	2113	3	10
Elamboor	3	2	-	4282	7	9
Triplicane	12	6	3	10581	10	-

4- The comparison of measurements by main and secondary traverses, and the computed areas of holdings, is as follows,

Mylapoor ——— reported by Captain Collyer

	Main Traverses Cawny	Ku.	Ft.	Secondary Traverses Cawny	Ku.	Ft.	Holdings Cawny	Ku.	Ft.
Noongumbaukum	668	13	250¼	667	8	1093¼	666	23	1693 12/32
Elamboor	1372	23	1307.3	1373	20	891.8	1373	16	576.8
Poonamallee	1740	8	1488.5	1740	20	1531	not computed		
Triplicane	777	17	211	777	17	1419	779	3	1277

5- The examination of the Surveyors' work in this Office has from the beginning been limited to a general inspection of the plans and field books, and a re-computation of areas. Up to November 1857, this was done by the Superintending Engineer of the Central Circle but it appeared to me so unsatisfactory, as affording a real test of accuracy, that I suggested to Colonel Faber, that the supervision of the Survey should be placed under the Revenue Survey Department, and

Minute, dated 28th October 1857.

and Director of Revenue Settlement. This change however was not approved of, and the Assistant to the Chief Engineer was directed to conduct the supervision, which system has continued up to the present time.

Chief Engineer's Circular No. 4964 3/4 November 1857.

6- The work has been examined generally every month, and so far as such scrutiny extended, it has been carefully exercised. In computing the areas, that of each holding in a block is calculated, the areas of all the holdings in the block are then added together, and compared with the area of the block, as taken from the traverses. The result of the several calculations given above, appears to shew great accuracy, but that serious errors may be made, which can only be detected by re-measurement is proved by the fact brought to notice by the Collector of Madras, that on a partial re-measurement of two holdings in the Mylapoor Division, the extreme apparent accuracy of which had been reported by Captain Collyer, the following serious and inexcusable errors had been discovered.

In letter to the Revenue Board No. 44 7/15 March 1858.

To the Revenue Board No. 3316 5/5 Dec. 1857.

	Original Measurement Cawny Ku. S.Ft.			Revised Measurement Cawny Ku. S.Ft.		
Ayulu's Hardand	10	13	1409	14	23	218
Brodie Castle	26	22	1809	37	-	16
Total	37	12	818	57	23	234

7.

9. It is impossible to reconcile the existence of this glaring discrepancy, amounting to 38 per cent with that accordance of the calculations which had been exhibited, and Mr. Walker, on being called on for explanation, failed to afford any that was satisfactory. The matter having been referred by the Board of Revenue to this Office, I again suggested the Surveyors being placed under the control of the Revenue Survey Establishment, but no change took place, nor was any reply received.

From Mr. Walker dated 15th April 1858.

To Revenue Board No 9125 d/19th April 1858

I am still of opinion that a re-measurement of parts of the Survey by an Officer of higher standing, is very desirable, and I lately proposed to the Chief Engineer to employ a young Officer of Engineers on that duty, but I consider it would be far better, if practicable, to place the entire work in the hands of the Revenue Survey Department.

In regard to the time hitherto taken up, and that required for the completion of the Survey, I must observe, as Captain Collyer has already done, that great delay must attend the measurement of small holdings in a densely populated place like Madras, especially as such cause of difficulty is, by peculiar prejudices. Great part of the Survey has been in progress during unsettled times, when numerous obstructions were unavoidable.

10. The time required for completing the Pennambore and Tindivanpettah Surveys, is likely to be about two years from the end of 1859, if the Tindivanpettah Division is to be re-surveyed. About half of the Town Division will be finished by the end of this year, and the remainder will occupy three more years.

11. Of the cost of the Survey, I am not in a position to offer a very reliable opinion, but the marked difference between the expenses of the part under Mr. Walker, and that under Mr. Plumbe, may I think be accounted for by the latter having been chiefly in the most populous places.

12. I trust that the Government will be satisfied with the part I have taken, as regards the supervision of this Survey, which, up to the time of my being relieved from it by Colonel Faber's order, was quite as much as that Officer expected from Mr. Collyer or myself, for although certain has not been such as could render me responsible

responsible for the results, I do not suppose it ever was the intention to throw on the Deputy Chief Engineer, the laborious duty of field Examination - If, however, a closer inspection is required in future, I beg that the Surveyors may work in the Central Office, under my own eye.

13. The delay in submitting this Report has been caused by my having forwarded it, in the first instance, to the Chief Engineer, who, after making certain enquiries, has returned the Papers, considering they should be sent direct to Government.

I have the honor to be
Sir
Your Most Obedient Servant
C Lawfield Lieut Col.
Deputy Chief Engr, Central Circle

To

The Secretary to Government
Pub. Works Deptt

Revenue 1859 Despatch
From Pro: of Govt: Central Circle
No. 177

The Deputy Chief Engineer
Central Circle

The Secretary to Govt
P.W.D.

No. 39
No. 1165. 28th Oct.
Dated 26th
Recd 26th September

10 Cpies

Reports upon the
progress made in the
Madras Collectorate Sur-
vey, as called for in Rs:
of Govt Revenue Dept. No. 1166
of 31st August 1859.

Written Order

6-9-60
6-9-60 Returned

No. 52483.

6 Sep.

No. 1465

Revenue to place the
Madras Survey under the
Director of Revenue Settlement
and Superintendent of Survey,
and a part of the general survey
of the Presidency - who will
will report, after enquiry, any
changes which he may consider
it necessary to make in the
conduct of the Survey -

Fort St. Geo.
28 October 1859

10 Copies Director of Rev: Settlement Circle 29
1 " Dy. Chief Engr Central Circle
6 " Board of Revenue
10 " Chief Engineer

Revenue 1859 Despatch
Rec. of Govt 31st October

No. 1778.

From
The Dy Chief Engr
Central Circle.

No 39

Dated 26th
Received 26th September 59.

1 Encl
From the Secy to the Govt Rec
2/12 Nov 59 Cy 2706
Reports in connn with the
progress made in the Godda
Collectorate Survey, as called for
in Rec. of Govt Revl Depart
No 1165 D/ 31st August 59.

With an Order D/
28 October 59
No 1465.

From Govt Revl D/ 13th January 60
No 184 Survey of Trichinopoly

From Govt of Fort St George
D/ 24th April 60 No 856.
in Rec 11th May 60 No 58.

From Director of Ordnance D/ 21st
November 60 No 2679.

No 82-88.