No. 182 Read the following letter from E H PRINGLE, Esq, Acting Special Executive Engineer, Wynaad, to Major-General G W WALKER, R.E, Secretary to Government, Public Works Department, dated Luckadie, 24th October 1875, No 778 —

I HAVE the honor, herewith, to forward the report called for in your memorandum, No 23, dated 26th May 1875

2 Great delay has taken place, partly owing to absence of information on many minor points required to make the report complete, and partly by press of current work of the district and two ranges fully occupying my time

3 There is some difficulty in accurately averaging the cost of construction and repair of roads in Wynaad on account of the varying nature of soil, climate and character of labor in the division

4 The price of grain and food of all sorts fluctuates considerably, as the state of the weather influences their importation

5 The labor is entirely exotic The principal portion is drawn from Mysore; but skilled labor reaches us from Goa, South Canara, Cochin, Trichinopoly, and Coimbatore

6 Wudders from the East Coast are employed whenever heavy earthwork has to be executed, but they will carry out only this work and that on contract alone

7 Labor for the most part in Wynaad is of the very worst description. As a rule, the Mysore Canarese Cooly is idle and worthless to a degree, and even when closely supervised seems unable to carry out what would be deemed but an ordinary day's work elsewhere To this and to the debilitating effects of the fever from which no class is exempt are the high rates in the district due

8 For the sake of clearness and easy comparison with Ceylon rates, &c, I have tabulated the information required as far as possible, and have shown roads in each division of Wynaad, north, south, and south-east.

Table I showing the Daily Hire of different Classes of Labor

Division of Wynaad	Class of Labor	Usual Race	Rates per Diem From			To			Remarks
			Rs	A	P	Rs.	A	P	
South Wynaad	Maistry Carpenter	Portuguese and East Indians	1	8	0				Skilled labor moderately good
	Carpenters		0	15	4	1	0	0	
	Maistry Bricklayer	Tamil ..	1	5	4				Canarese labor deficient in quantity and of a poor class.
	Bricklayers		0	12	4	1	0	0	
	Smiths .	Tamil or Canarese .	0	12	4	1	0	0	
	Maistries . ..	Canarese ..	0	8	0	0	12	0	
	Coolies								
	Rough-stone builders	Canarese .. .	0	7	0				Coast labor (Cherumas, Nairs, and Tiers) pretty good, but not always procurable.
	Men Coolies	Canarese and Cherumas, Nairs, Tiers	0	5	0	0	6	0	
	Boys .	Do	0	3	0	0	4	0	
	Women	Do .	0	3	0				
	Cart Hire . .	.	1	8	0				Carts hardly to be procured Government bullocks and carts in use

Table I showing the Daily Hire of different Classes of Labor —(Concluded)

Division of Wynaad	Class of Labor	Usual Race	Rates per Diem From			To			Remarks
			Rs	A	P	Rs	A	P	
South-east Wynaad	Carpenters	All races	1	0	0	1	8	0	Skilled labor of a very inferior class
	Bricklayers		0	10	0	1	0	0	
	First-class Smiths		1	0	0				
	Men Coolies	Canarese	0	5	0				
	Boys		0	3	0	0	4	0	
	Women		0	2	6				
	Cart Hire		1	0	0	...			
North Wynaad	Carpenters	Portuguese and Malabar Christians	0	15	4	1	1	4	Labor of all classes obtained with difficulty and is of the worst possible description
	Masons	Canarese and Malabar	0	13	4	1	0	0	
	Smiths	Canarese	0	13	4	1	0	0	
	Maistries	Do	0	8	0	1	8	0	
	Men Coolies	Do	0	5	0				
	Boys	Do	0	3	0	0	4	0	
	Women	Do	0	2	8				
	Cart Hire		1	8	0	...			Carts hired with difficulty

Table II showing Average Number of Months during which each Class of labor works, &c

Race	Number of Months during which each Race works	Average Number of Days worked on each Month	Average Cost of Living per Week From			To			Division	Remarks
			Rs	A	P	Rs	A	P		
Canarese	8 to 9	20	0	8	0	0	14	0	South east Wynaad	Return to their country in Mysore in March, and come back about July Live principally on raggy, only occasionally indulging in animal food, such as fowls, oats, &c They do not grow vegetables nor rear fowls except in a very small way
Do	8 to 9	20	0	12	0	1	0	0	South Wynaad	
Do	8 to 9	18	1	0	0	1	4	0	North ,,	
Tamil	6	20	2	0	0	2	8	0	South east Wynaad	These men are principally bricklayers
Do	Uncertain	19	1	8	0				North Wynaad	Work as coolies occasionally
Chermas	9	15	1	0	0	1	4	0	South ,,	Employed during three months of the year in paddy cultivation Live principally on rice and are subject to moon blindness to a great extent
Nairs	Uncertain	18	1	4	0	1	8	0	,, ,,	Work as coolies occasionally
Tiers	Do	18	1	4	0	1	8	0	,, ,,	
Portuguese and East Indians	Do	23	3	0	0	4	0	0	South and North Wynaad	Principally carpenters Remain sometimes throughout the year
Malabar Christians	9	25	Not known						North Wynaad	Carpenters

Note —In feverish seasons the attendance is largely reduced especially amongst skilled laborers from the coast

Table III giving the Average Cost of Grain, &c

Name of Produce, &c	South East Wynaad Average Rate		South East Wynaad Per	South Wynaad Average Rate		South Wynaad Per	North Wynaad Average Rate		North Wynaad Per	Whence brought
	Rs	A	P	Rs	A	P	Rs	A	P	
Rice	1	0	0	1	0	0	1	0	0	Malabar
Raggy	1	0	0	1	0	0	1	0	0	Mysore
Cholum	1	0	0							
Gram	1	0	0	1	0	0	1	0	0	
Fowls	0	8	0	0	10	0	0	10	0	Wynaad
Mutton	0	4	0	0	4	0	0	4	0	Mysore
Green Gram	0	2	0	0	2	0	0	2	0	
Dholl	0	2	6	0	2	9				
Potatoes	0	2	0	0	2	0				Mysore and Nilgiris
Cocoanut Oil				0	4	6	0	5	0	Malabar
Gingelly ,,				0	9	0				Mysore
Ghee				0	15	0	0	14	0	

Table IV giving the Rates of Work and Materials

Description	Per	Division of Wynaad South Wynaad.			South-east Wynaad			North Wynaad		
		Rs	A	P	Rs	A	P	Rs	A	P
Rates of Work										
Earthwork, easy soil	C yd	0	3	0	0	3	0	0	3	0
,, hard ,,	,,	0	4	0	0	4	0	0	4	0
,, gravelly	,,	0	5	0	0	6	0	0	5	0
,, embankment	,,	0	4	0	0	4	0	0	4	0
Masonry rough stone in chunam	100 C ft	25	0	0	25	0	0	25	0	0
,, cut ,, ,,	C ft	2	8	0	2	8	0	2	8	0
,, brick in chunam	100 ft	36	0	0	38	0	0	40	8	0
,, ,, archwork	,,	45	0	0	48	0	0	50	0	0
,, plastering one coat	100 S ft	7	0	0	8	0	0	9	0	0
Woodwork, Teak, wrought and put up	C ft	2	8	0	2	10	0	3	0	0
,, Junglewood ,,	,,	1	12	0	1	14	0	2	0	0
,, sawing	Candy	3	0	0	3	0	0	3	0	0
Painting white	Square	1	4	0	1	4	0	1	4	0
,, red	,,	1	10	0	1	10	0	1	10	0
,, green	,,	3	8	0	3	8	0	3	8	0
,, tarring	,,	0	3	4	0	3	4	0	3	4
Quarrying	C yd	0	8	0	0	8	0	0	8	0
Blasting rock	,,	3	4	0	3	6	0	4	0	0
Metalling	,,	0	12	0	0	12	0	0	12	0
Turfing	100 S ft	0	5	0	0	5	0	0	5	0
Rates of Material										
Bricks, table moulded	1,000	9	0	0	9	0	0	10	0	0
,, ground	1 000	6	0	0	6	0	0	6	0	0
Lime stone	Bushel	1	4	0				1	3	0
Chunam	,,	2	0	0	2	0	0	2	0	0
Teakwood logs	C ft	1	12	0	1	14	0	1	12	0
,, sawn	,,	2	8	0	2	10	0	2	8	0
Junglewood logs	,,	0	12	0	0	14	0	0	14	0
,, sawn	,,	1	4	0	1	8	0	1	4	0
Iron, Europe, wrought	lb	0	2	11	0	2	11	0	2	11
,, Native ,,	,,	0	4	6	0	4	6	0	4	6
,, Nails	Maund	6	0	0	6	0	0	6	0	0
,, Cast for pile, including carriage, &c	Ton	250	0	0	250	0	0	250	0	0

Table V, actuals of rainfall near the Head of Tambracherry Ghaut during 1873-74

Name of Month	1873				1874			
	Rainfall during Month	Maximum Rainfall on any one Day	Minimum Rainfall on any one Day	No of Days on which it rained	Rainfall during Month	Maximum Rainfall on any one Day	Minimum Rainfall on any one Day	No of Days on which it rained
January	6 45	1 40	01	8	67	45	22	2
February	20	18	02	2	46	45	01	2
March	8 32	2 15	02	16	3 66	1 15	05	9
April	21 34	3 75	02	20	5 05	6 20	03	22
May	48 79	4 45	25	30	8 81	9 35	02	30
June	99 45	10 20	23	31	7 47	10 30	10	30
July	82	3 50	05	22	28 99	3 37	15	30
August	20 13	4 05	02	23	18 79	1 75	06	29
September	10 20	1 45	03	22	17 91	4 18	01	26
October	09	07	02	2	4 04	1 78	01	13
November	82	50	05	4	93	55	20	3
December								
Total	24 79			180	200 70			196

NOTE —This rainfall may be taken as a fair average for the Coffee districts along the ghauts inland it decreases rapidly, and at Wynaadtoddy and the frontiers ranges from above 90 to 100 inches per annum

Table VI giving the Cost of Construction of Ghauts and Roads in Wynaad Coffee Districts

Name of Road	COST PER MILE					Cost of Maintenance	Length	Remarks as to Soil, &c.
	Construction of Road	Metalling or Gravelling	Bridging		Revetting.			
			Masonry	Iron or Wooden				
	RS	RS	RS	RS	RS	RS	MILES	
Tambracherry Ghaut, 1st Section	25,016	2,222	864		2,938	330	9	A considerable portion of this ghaut is blasted out of the face of a precipice of solid rock, and very heavy revetment 30′ and 40 in height have been necessary The line runs along very rocky hills for the most part There are but few culverts in the 9 miles, but rough stone drains of $2\frac{1}{2}' \times 2\frac{1}{2}'$ section have been found necessary every 100 yards or so to carry off the terrific rainfall Sappers and Miners were employed for some years on the work Traffic in Coffee season about 600 to 700 carts per week, at other seasons about 150
From head of ghaut to Vythery, 2nd Section	4 331	491	6,556	2,213	..	330	3	Soil generally alluvial, rocky here and there, traffic as above
From Vythery to Culputty, 3rd Section	3,385	413	2,264	9,240	.	330	7	Soil alluvial, black earth and clays, an iron bridge on this section, traffic about half of above in Coffee season
Karkoor Ghaut, 1st Section	9,606	3,080	3,513	.	1,106	330	11	Rocky and stony soil for the most part Ghaut not yet completed though passable for wheeled traffic No returns of traffic
From head of ghaut to Goodaloor, 2nd Section	5,781	4,400	3,658	...	.	330	8	Deep friable loam, undulating country crossed by quartz reefs No return of traffic
Periah Ghaut, 1st Section.	11,437	220	2,638	.	2,234	330	8	Rock and stony soil, traffic during monsoon about 100 carts per week, during dry weather and season from 300 to 400
From head of ghaut to Manantoddy, 2nd Section	3,197	1,378	2,385	...	.	330	18	Varies greatly, not much rock on this section, traffic about the same as above

NOTE —With the exception of the three first-named roads, much of the maintenance grants is used for improving traces, heightening embankments, &c, and the actual expenditure on pure upkeep can hardly be determined.

(Signed) E H PRINGLE,
Acting Special Executive Engineer, Wynaad

Proceedings of the Madras Government, Public Works Department, 8th November 1875.

No 183 ORDER THEREON, 8th November 1875, No 3,181

CIVIL WORKS, No 31-A

ORDERED that these papers be forwarded to the Governments of India and Ceylon in continuation of letters, Nos 2,712 and 2,973, dated 20th September and 18th October 1875, respectively.

(Here enter No 3,182, dated 8th November 1875)

(True Extract)

To the Special Executive Engineer, Wynaad.

PUBLIC WORKS DEPARTMENT,

FORT ST GEORGE, *8th November* 1875

No. 184

No 3,182

FROM

MAJOR-GENERAL G W WALKER, R E,

Secretary to the Government of Madras,

Public Works Department,

To

THE COLONIAL SECRETARY TO THE

GOVERNMENT OF CEYLON

CIVIL WORKS, No 31-B

SIR,—In continuation of my letter of the 18th October 1875, No 2,973, I am directed to forward a report and statement of cost of the construction and maintenance of certain roads in the Wynaad district

2 The Officer in charge has given a considerable amount of detailed information, and, as the circumstances of that country are in many respects very similar to those of the Coffee districts of Ceylon, it will probably be found a useful addition to that which has already been supplied

I have the honor to be,

Sir,

Your most obedient servant,

Major-General, R E,

Secretary to Government

Ex'd E C. Shunker

Spare Copies

No 778

Special Executive Engineer's Office,
Luckadie, Wynaad, 24th October 1875.

From

E. H. Pringle, Esqre,
Ag. Spl Executive Engineer,
Wynaad.

To

The Secretary to Government,
Public Works Department,
Madras.

Sir,

I have the honor herewith to for-
ward the report called for in your
Memo No 23, dated 26th May 1875

2. Great delay has taken place partly
owing to absence of information on many
minor points required to make the report
complete, and partly by press of current
work of the District and two Ranges —
fully occupying my time.

3. There is some difficulty in accu-
rately averaging the cost of construction
and repair of roads in Wynaad on account
of the varying nature of soil, climate and
character of labor in the division.

4. The price of grain & food of all
sorts fluctuates considerably as the state

of

of the weather influences their importation

5. The labor is entirely exotic. The principal portion is drawn from Mysore, but skilled labor reaches us from Goa, South Canara, Cochin, Trichinopoly and Coimbatore.

6 Muddars from the east coast are employed whenever heavy earthwork has to be executed, but they will carry out only this work and that on Contract alone

7 Labor for the most part in Wynaad is of the very worst description. As a rule the Mysore Canarese Coolys is idle and worthless to a degree, and even when closely supervised seems unable to carry out what would be deemed but an ordinary days work elsewhere. To this, and to the debilitating effects of the fever from which no class is exempt, are the high rates in the District due

8 For the sake of clearness & easy comparison with Ceylon rates, &c. I have tabulated the information required as far as possible and have shown roads in each division of Wynaad, North, South and South East.

I have the honor to be,
Sir,
Your Most Obedient Servant,

Ag. Spl. Ex. Engineer,
Wynaad.

Table I

Showing the daily hire of different classes of labor

Tanjore District

Place of Labor	Usual Race	Rates per diem From	To	Remarks
		Rs as	Rs as	
Maistry Carpenters	Portuguese &	1 8		Skilled labor moderately good
Carpenters	East Indians	15 4	1	
Maistry Bricklayers	Tamils	1 5 4		Canarese labor deficient in quantity & of a poor class.
Bricklayers		12 4	1	
Smiths	Tamils or Canarese	12 4	1	
Maistries	Canarese	8	12	
Cooker Rough Stone builders	Canarese	7		Coast labor. Chermas, Pairs & Terrs pretty good but not always procurable
Men Coolies	Canarese & Chermas	5	6	
Boys	5 Pairs, Terrs Do	3	4	
Women	Do	3		
Cart hire		1 8		Carts hardly to be procured. Goat bullocks & Carts in use

South Canara District

Carpenters	All Races	1	1 8	Skilled labor of a very inferior class.
Bricklayers		10	1	
1st class Smiths		1		
Men Coolies	Canarese	5		
Boys		3	4	
Women		2 6		
Cart hire		1		

South Canara and the East Wynaad

Carpenters	Portuguese and Malabar Christians	15 4	1 1 4		Labor of all classes obtained with difficulty & of the worst possible description.
Masons	Canarese & Malabar	13 4	1		
Smiths	Canarese	13 4	1		
Masthers	ditto	8	1 8		
Men Coolies	Do	5			
Boys	Do	3	4		
Women	Do	2 8			
Cart hire		1 8			Carts hired with difficulty

Agt. Supt. Exr. Engrs. Wynaad

Table II

Showing average number of months during which each Class of labor works, &c.

Race	No. of Months during which each race works	Average No. of days worked in each month	Average cost of living per week From Rs a d	To Rs a d	Division	Remarks
Spanarese	8 to 9	20	. 8 . . 14 .	South East Wynaad		Return to their country Mysore in March & come back about July. Live principally on ragay, only indulging in animal food such as fowls, Cats, &c. They do not grow vegetables nor rear fowls except in a very small way.
Do	8 to 9	20	. 12 . 1 . .	South Wynaad		
Do	8 to 9	18	1 . . 1 4 .	North Wynaad		
Tamils	6	20	2 . . 2 8 .	South & N. Wynaad		These men are principally brick layers Work as Coolies occasionally Employed during 3 months of the year in paddy Cultivation. Live principally on rice & are subject to moon blendness to a great extent.
Do	Uncertain	19	1 8	North Wynaad		
Pharmas	9	15	1 . . 1 4 .	South Wynaad		
Nairs	Uncertain	18	1 4 . . 1 8 .	South Wynaad	Do	Do
Teers	Do	18	1 4 . . 1 8 .	Do	Do	Do
Portuguese & East Indians	Do	23	3 . . 4 . .	S. & N. Wynaad	Principally Carpenters. Remain throughout the year	Remain sometimes — sometimes
Malabar Christians	9.	25	Not known	N. Wynaad	Carpenters	

Note. In feverish seasons the attendance is largely reduced especially amongst skilled labourers from the Coast.

56/7/1916 Ag. Apl Exc. Engr, Wynaad

Table III.

Giving the Average Cost of grain, &c.

Name of Produce, &c.	South East Wynaad Average Rate Per Rs a d	South Wynaad Average Rate Per Rs a d	North Wynaad Average Rate Per Rs a d	Name brought	Remarks.
Rice	1 . . 10 Seers	1 . . 8 Seers	1 . . 8 Seers	Malabar	
	1 . . 20 Do	1 . . 14 Do	1 . . 16 Do	Mysore	
Raggy	1 . . 18 Do			Do	
Cholum	1 . . 20 Do	1 . . 12½ Do	1 . . 14 Do	Do	
Gram	0 2 8 each	. . 10 . . each	. . 10 . . each	Wynaad	
Fowls	0 . . 4 . . lb	. . 4 . . lb	. . 4 . . lb	Mysore	
Mutton	. 2 . Seer	. 2 . Seer	. 2 . . Seer	Do	
Green Gram	. 2 6 Do	. 2 9 Do		Do	
Dhall	. 2 . lb	. 2 . . lb		Mysore & Nilgiries	
Potatoes		. 4 6 . bottle	. 5 . . bottle	Malabar	
Cocoanut Oil		. 9 . . Do		Mysore	
Gingelly Oil		. 15 . . Do	. 14 . . Do		
Ghee					

Ag: Apl Exc Engr, Wynaad

Table IV.

Showing the rates of Wages and Materials

Description	Unit	Rates of Wages	Remarks
		1873 1874	
Rates of Wages:			
Earthwork carting soil	Load	3 " 3 " 3 "	
" Road soil	Yd.	4 " 4 " 4 "	
" Gravelly "	Yd.	5 " 5 " 5 "	
Embankment	Yd.	4 " 4 " 4 "	
Masonry rough stone in Foundation	100 Cubic Ft.	25 " 25 " 25 "	
" Cut stone "	Cubic Ft.	2 8 " 2 8 " 2 8 "	
" Brick in Foundation	1000 Bricks	35 " 35 " 40 8 "	
" " Arches	Yd.	45 " 45 " 50 "	
" Plastering 1 Coat	100 Yds.	8 " 8 " 9 "	
Hardwood Scantlings not planed	Cubic Ft.	2 8 " 2 10 " 3 "	
" Jungle wood "	Yd.	1 12 " 1 14 " 2 "	
" Cleaning	Cwt.	3 " 3 " 3 "	
Painting white lead	Square Yd.	1 4 " 1 4 " 1 4 "	
" red	Yd.	1 10 " 1 10 " 1 10 "	
" green	Yd.	3 8 " 3 8 " 3 8 "	
" Turning	Yd.	3 4 " 3 4 " 3 4 "	
Quarrying	Ton	8 " 8 " 8 "	
Blasting rocks	Yd.	3 4 " 3 6 " 4 "	
Metalling	Yd.	12 " 12 " 12 "	
Sinking	1000 Cft.	5 " 5 " 5 "	
Rates of Material:			
Brick Table moulded	1000	9 " " 9 " " 10 " "	
" Pigmud	1000	6 " " 6 " " 6 " "	
Lime Chunam	Cubic Yd.	1 4 " " 1 3 "	
Sandstone	Yd.	2 2 " 2 2 " 2 2 "	
Sand wood Logs	Cft.	1 12 " 1 14 " 1 12 "	
" Kadgan	Yd.	2 8 " 2 10 " 2 8 "	
Jungle wood Logs	Yd.	1 12 " 1 14 " 1 14 "	
Iron Europe wrought	Ton	1 14 " 1 8 " 1 14 "	
" Nuttur	Yd.	2 11 " 2 11 " 2 11 "	
" Nails	Yd.	4 6 " 4 8 " 4 8 "	
" Cast for Pile, including Carriage, &c.	Number	8 " " 8 " " 8 " "	
	Ton	250 " " 250 " " 252 " "	

Ty. Coll. Co. Engrs. Hyderabad

Table VI.

Giving the cost of Construction of Ghauts & Roads in Wynaad Coffee Districts.

Name of Road.	Cost per Mile: Construction of Road	Metalling or Gravelling	Bridging Masonry	Bridging Iron or Wooden	Revetting	Cost of Maintenance	Length	Remarks as to Soil, &c.
							Miles	
Kembercherry Ghaut, 1st Section	2501	2222	864		2938	330	9.	A considerable portion of this Ghaut is blasted out of the face of a precipice of solid rock and very heavy revetment 30 & 40 in height have been necessary. The line runs along very rocky hills for the most part. There are but few Culverts in the nine miles, but rough stone drains of 2½ × 2½ section have been found necessary every 100 yards or so to carry off the terrific rainfall. Sappers & Miners were employed for some years on this work. Traffic in Coffee season about 600 to 700 Carts per week at other seasons about 150
From Head of Ghaut to Vythery, 2nd Section	4331	491	1556	2213		330	3.	Soil generally alluvial, rocky here and there. traffic as above
From Vythery to Sulthy, 3rd Section	3385	413	2264	9240		330	7	Soil alluvial, black earth & clay. an iron bridge on this section traffic about half of above in Coffee season

MRO 1—10,006—28-2-5.

Table VI continued

Giving the cost of Construction of Ghauts and Roads in Wynaad Coffee Districts

Name of Road	Cost per Mile: Construction of Road	Metalling or Gravelling	Bridging Masonry	Bridging Iron or Wooden	Revetting	Cost of Maintenance	Length	Remarks as to Soil, &c.
							Miles	
Karkur Ghaut, 1st Section	1106	3080	3513		1106	330	11	Rocky and stony soil for the most part – Ghaut not yet completed though passable for wheeled traffic – No returns of traffic
From Head of Ghaut to Goodalore 2nd Section	5781	4400	3658			330	8	Deep friable loam undulating Country Crossed by quartz reefs – No return of traffic.
Periah Ghaut, 1st Section	11437	220	2638		2234	330	8.	Rock and stony soil – traffic during monsoon about 100 Carts per week during dry weather & season from 300 to 400
From Head of Ghaut to Manantoddy, 2nd Section	3197	1378	2385			330	18	Varies greatly – Not much rock on this Section – traffic about the same as above

Note With the exception of the three first named roads, much of the maintenance grants is used for improving traces heightening Embankments &c. and the actual expenditure on pure upkeep Can hardly be determined

Asst Supt. Exe Engr Wynaad

No 3182

Chief Sy to Govt of Cey

&

Asstt Sy to the Govt of Madras

Ry

Re Estimates for maintenance of Roads
10th Oct 75
letter of the 20th Sept 75
2973 & 3712
Rs 3182. 1 Encl
3712 2 Septs
Statement of Cost of Estimate
Statement of Maintenance
the Trunk Roads in the
N Central Province
N Eastern Province
Sabaragamuwa
Kegalle Dist
Nuwara Eliya Dist
Amount of Estimate for
Annual Repairs
- Remarks

No 3181

Forwarded that Estimates &c Forwarded to the Govt of India and Ceylon in continuation of letter Nos 3712 & 2973 dated 20th Sept and 10th Oct 1875 respectively

Chief Sy

No 3182 & Nov 75

Encl

1-11-25

GO 20 dated 15/5 No 456659
Le 18 Oct 1875 - 316

P.W. 1875 Dept

From

The Asst Supt Engr.
Wynaad

To

The Secy to Government
of Mad Department
Madras

No 7011

No 778.

Dated 24th Sept
Rec'd 1st Nov. } October 1875

Reference
Memo No 23, dated
26th May 1875

Enclosures 4.

Forwarding tabulated statements showing the Average Cost of Constructing & Maintaining Roads in the Wynaad District with cost of labour & Materials.

With orders

No 1182/3

Circumstances of that County
are in many respects very
similar to those of the
different districts of Ceylon -
it will probably be found
a useful addition to that
which has already been
supplied.

Rec'd

Resp. with 6 sc
& memo No
to each -
25-11-75

Govt. of Madras.

PUBLIC WORKS.

To Colonial Secty Govt of Ceylon
Govt of India

Dated 8 Novr 1875
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Read
Nos 182 - 183
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Subject Forwarding Estimate showing the cost of Construction & maintenance of roads in the Wynaad District —

Forwarding Estimate showing the cost of Construction & maintenance of roads in the Wynaad District — Requesting the sanction of Government thereto — Referred to the Govt of India & Ceylon.