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LISTS OF OFFICERS  
IN THE  
SURVEY AND FOREST DEPARTMENTS  
ON THE  
1st October 1873.

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**CALCUTTA:**

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**CLASSIFIED LIST**  
OF  
**OFFICERS OF THE TOPOGRAPHICAL SURVEY OF INDIA**  
ON THE  
1st October 1873.

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No. sanctioned.	No. of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.
		<b>SURVEYOR GENERAL OF INDIA AND SUPDT. OF TOPOGL. SURVEYS.</b>		
		Military Officer ... { Staff Pay ... 1,500 Maximum ... 2,765-5 Aggregate Pay } Civil consoli- dated salary } 2,100		
		Colonel H. L. Thuillier, B. A., C. S. I. ...	{ Surveyor General of India and Supdt. of Topogl. Surveys. }	.....
		<b>SENIOR BRANCH.</b>		
		<b>DEPUTY SUPERINTENDENTS.</b>		
2	...	1st Grade Military Officers ... { Staff Pay ... 800 Maximum ... 1,800 Aggregate Pay } Civil consoli- dated salary } 1,100		
1		Colonel G. H. Saxton, s. c. ...	Dy. Supdt., 1st Grade ...	No. 3, or C. P. and Vizagapatam Agy. Survey.
2		Major G. C. Depree, s. c. ...	Ditto ...	No. 4, or N. E. Division, C. P. Survey ...
2	...	2nd Grade Military Officers ... { Staff Pay ... 650 Maximum ... 1,400 Aggregate Pay } Civil consoli- dated salary } 900		
S		Captain W. G. Murray, s. c. ...	Dy. Supdt., 2nd Grade ...	On furlough to Europe for 2 years, from 14th February 1873.
1		Captain Geo. Strahan, R. E. ...	Ditto ...	No. 7, or Rajpootana and Simla Survey...
S		Major H. H. Godwin-Austen, s. c. ...	Ditto ...	On furlough to Europe for 6 months, from 5th September 1873.
3	...	Vacant. 3rd Grade Military Officers ... { Staff Pay ... 500 Maximum ... 1,200 Aggregate Pay } Civil consoli- dated salary } 700		
1		Captain R. V. Riddell, R. E. ...	Dy. Supdt., 3rd Grade ...	No. 5, or Bhopal and Malwa Survey ...
S		Lieut. Charles Strahan, R. E. e ...	Ditto ...	On furlough to Europe for 2 years, from 2nd December 1871.
S		J. O. N. James, Esq. f ...	Ditto ...	In charge, Cartographic and Engraving Branches—Head Quarters Office.
2		F. B. Girdlestone, Esq. ...	Ditto ...	No. 2, or Khandesh and Bombay Native States Survey.
3		Vacant.		
		<b>ASSISTANT SUPERINTENDENTS.</b>		
4	...	1st Grade Military Officers ... { Staff Pay ... 375 Maximum ... 750 Aggregate Pay } Civil consoli- dated salary } 500		
1		Captain W. F. Badgley, s. c. ...	Asst. Supdt., 1st Grade ...	No. 6, or Khasia and Garo Hills Survey
2		Lieut. T. H. Holdich, R. E. ...	Ditto ...	No. 1, or Gwalior & Central India Survey
3		H. Horst, Esq. ...	Ditto ...	No. 5, Bhopal and Malwa Survey ...
4		Captain J. Waterhouse, s. s. ...	Ditto ...	In charge, Photo. Branch, Surveyor General's Office.
5		Captain J. R. Wilmer, c. c. ...	Ditto ...	No. 7, Rajpootana and Simla Survey ...

DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.				REMARKS.
First appointment to the Survey Department.	To present Grade.	FOR MILITARY OFFICERS.			FOR CIVILIANS.	
		Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.	
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
Jan. 2, 1837	Mar. 13, 1861	1,265 5 0	1,650 0 0a	2,915 5 0	2,100	(a.) Inclusive of Rs. 150 as personal allowance.
April 24, 1849	April 1, 1866	827 14 0	972 2 0b	1,800 0 0	1,100	(b.) Includes personal allowance, Rs. 172-2.
Oct. 20, 1854	Oct. 20, 1866	640 14 0	800 0 0	1,440 14 0	1,100	
May 8, 1857	April 1, 1869	374 1 6	650 0 0	1,024 1 6c	900	(c.) Supernumerary.
July 2, 1862	Oct. 26, 1870	433 10 0	650 0 0	1,083 10 0	900	(d.) Supernumerary. Re-appointed to Department, 28th Oct. 1872, as the Junior of his grade.
May 8, 1857	Jan. 1, 1868d	610 14 0	650 0 0	1,290 14 0	900	
Aug. 29, 1862	Oct. 1, 1867	433 10 0	500 0 0	933 10 0	700	Offg. Deputy Superintendent 2nd Grade from 11th Aug. 1873, vice Major Godwin-Austen on Furlough.
Sept. 26, 1863	Dec. 1, 1867	417 7 8	500 0 0	917 7 8	700	(e.) Supernumerary.
April 1, 1866g	April 1, 1869	...	...	...	700h	(f.) Supernumerary.
Aug. 1, 1863	Aug. 11, 1873	...	...	...	700	(g.) Previous service in Junior Branch from 29th July 1845. (h.) Exclusive of Rs. 60 as Presidency House-rent.
May 3, 1865	May 8, 1868	374 1 6	375 0 0	749 1 6	500	Offg. Deputy Superintendent 3rd Grade from 11th Aug. 1873, vice Captain Riddell promoted.
July 23, 1866	Dec. 15, 1868	265 12 0	375 0 0	640 12 0	500	Offg. Deputy Superintendent 3rd Grade from the 11th Aug. 1873.
April 1, 1868l	Oct. 1, 1869	...	...	...	500	(l.) Previous service in Junior Branch from 1st September 1854.
July 23, 1866	June 17, 1870	374 1 6	375 0 0	749 1 6m	500	(m.) Exclusive of Rs. 75 as Presidency House-rent.
Aug. 24, 1869	Aug. 28, 1872	225 12 0	375 0 0	600 12 0	500	



No. sanctioned.	No. of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.											
<b>SENIOR BRANCH—contd.</b>															
<b>ASSISTANT SUPERINTENDENTS—contd.</b>															
		2nd Grade Military Officers	<table border="0"> <tr> <td>Staff Pay</td> <td>...</td> <td>250</td> </tr> <tr> <td>Maximum</td> <td>...</td> <td>750</td> </tr> <tr> <td>Aggregate Pay</td> <td>...</td> <td rowspan="2">350</td> </tr> <tr> <td>Civil consolidated salary</td> <td>...</td> </tr> </table>	Staff Pay	...	250	Maximum	...	750	Aggregate Pay	...	350	Civil consolidated salary	...	
Staff Pay	...	250													
Maximum	...	750													
Aggregate Pay	...	350													
Civil consolidated salary	...														
1		Lieut. R. G. Woodthorpe, B. E.	Asst. Supdt., 2nd Grade	No. 6, or Khasia & Garo Hills Survey											
2		„ E. P. Leach, B. E.	Ditto	No. 1, or Gwalior and Central India Survey											
3		Vacant.													
<b>JUNIOR BRANCH</b>															
<b>SURVEYORS.</b>															
<b>1ST GRADE—SALARY Rs. 500.</b>															
3	1	Mr. N. A. Belletty	Surveyor, 1st Grade	No. 2, or Khandesh and Bombay Native States Survey.											
	8	„ J. F. Baness*	Ditto	On duty as Chief Draftsman at Head Quarters Office.											
	2	„ A. C. Chamarett	Ditto	On duty at Head-Quarters Office											
	3	„ H. J. Bolst	Ditto	No. 1, or Gwalior and Central India Survey											
<b>2ND GRADE—SALARY Rs. 400.</b>															
4	1	Mr. G. A. McGill	Surveyor, 2nd Grade	No. 4, or N. E. Division, C. P. Survey											
	2	„ D. Atkinson	Ditto	On duty at Head-Quarters Office											
	3	Vacant.													
<b>3RD GRADE—SALARY Rs. 350.</b>															
3	1	Mr. J. A. Vanderputt	Surveyor, 3rd Grade	No. 4, or N. E. Division, C. P. Survey											
	2	„ R. W. Chew	Ditto	No. 2, or Khandesh and Bombay Native States Survey.											
	3	„ J. Harper	Ditto	No. 3, or C. P. and Vizagapatam Agy. Survey.											
<b>4TH GRADE—SALARY Rs. 300.</b>															
4	1	Mr. A. J. Wilson	Surveyor, 4th Grade	On duty at Head-Quarters Office											
	2	„ J. A. May	Ditto	No. 3, or C. P. and Vizagapatam Agy. Survey.											
	3	„ F. Adams	Ditto	Ditto											
	4	„ R. D. Farrell	Ditto	No. 1, or Gwalior & Central India Survey											
	5	„ E. S. P. Atkinson	Ditto	No. 7, or Rajpootana and Simla Survey											
	6	„ M. J. Ogle	Ditto	No. 6, or Khasia and Garo Hills Survey											
<b>ASSISTANT SURVEYORS.</b>															
<b>1ST GRADE—SALARY Rs. 250.</b>															
6	1	Mr. A. G. Wyatt	Asst. Survr., 1st Grade	No. 2, or Khandesh and Bombay Native States Survey.											
	2	„ C. F. Hamer	Ditto	No. 5, or Bhopal and Malwa Survey											
	3	„ C. A. R. Scanlan	Ditto	No. 1, or Gwalior & Central India Survey											
	4	„ R. Todd	Ditto	No. 7, or Rajpootana and Simla Survey											
	5	„ A. Chennell	Ditto	No. 6, or Khasia and Garo Hills Survey											
	6	„ C. Tapsell	Ditto	No. 7, or Rajpootana and Simla Survey											
	7	„ A. James	Ditto	No. 4, or N. E. Division, C. P. Survey											
	8	Vacant.													
	9	Vacant.													

DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.				REMARKS.
First appointment to the Survey Department.	To present Grade.	FOR MILITARY OFFICERS.			FOR CIVILIANS.	
		Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.	
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
July 14, 1871	...	265 12 0	250 0 0	515 12 0	350	Offg. Asst. Supdt. 1st grade from 11th Aug. 1873, vice Capt. Badgley promoted.
Oct. 6, 1871	...	265 12 0	250 0 0	515 12 0	350	
July 16, 1847	April 1, 1866	...	...	...	500	*Supernumerary. †Exclusive of Rs. 45 as Presidency House-rent.
Sept. 5, 1856	May 1, 1870	...	...	...	600	
June 2, 1852	March 1, 1871	...	...	...	500†	
July 26, 1852	Oct. 1, 1872	...	...	...	500	
April 8, 1855	Jan. 1, 1871	...	...	...	400	‡Exclusive of Rs. 30 as Presidency House-rent.
Aug. 4, 1856	Ditto	...	...	...	400‡	
Sept. 1, 1856	Oct. 1, 1871	...	...	...	350	§Previous service as Sub-Surveyor from 3rd November 1856.
Sept. 15, 1856	Ditto	...	...	...	350	
Aug. 8, 1857	Oct. 1, 1872	...	...	...	350	
Dec. 1, 1860	April 1, 1871	...	...	...	300	
Oct. 1, 1860	Oct. 1, 1871	...	...	...	300	
Ditto§	Ditto	...	...	...	300	
Ditto	April 1, 1872	...	...	...	300	
Aug. 13, 1861	Ditto	...	...	...	300	
July 1, 1863	April 1, 1873	...	...	...	300	
Nov. 1, 1861	April 1, 1871	...	...	...	250	
Aug. 3, 1863	Oct. 1, 1871	...	...	...	250	
Sept. 9, 1863	Ditto	...	...	...	250	
Nov. 1, 1863	Ditto	...	...	...	250	
May 1, 1864	Oct. 1, 1872	...	...	...	250	
Aug. 2, 1864	Ditto	...	...	...	250	
June 15, 1864	Sept. 1, 1873	...	...	...	250	

No. sanctioned.	No. of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.
<b>JUNIOR BRANCH—contd.</b>				
<b>ASSISTANT SURVEYORS—concl'd.</b>				
<b>2ND GRADE—SALARY Rs. 200.</b>				
9	...			
1	...	Mr. T. E. M. Claudius	Asst. Survr., 2nd Grade	No. 3, or C. P. and Vizagapatam Agy. Survey.
2	...	" F. Kitchen	Ditto	No. 7, or Rajpootana and Simla Survey...
3	...	" W. Stotesbury	Ditto	Ditto
4	...	" J. A. Barker	Ditto	No. 4, or N. E. Division, C. P. Survey...
5	...	" E. A. Wainright	Ditto	No. 5, or Bhopal and Malwa Survey ...
6	...	" W. J. Cornelius	Ditto	No. 1, or Gwalior & Central India Survey
7	...	" W. W. McNair	Ditto	No. 7, or Rajpootana and Simla Survey...
8	...	" W. F. Pettigrew	Ditto	No. 3, or C. P. and Vizagapatam Agy. Survey.
9	...	" P. J. W. Doran	Ditto	No. 1, or Gwalior & Central India Survey.
<b>3RD GRADE—SALARY Rs. 160.</b>				
9	...			
1	...	Mr. H. T. Kitchen	Asst. Survr., 3rd Grade	No. 5, or Bhopal and Malwa Survey ...
2	...	" A. Cooper	Ditto	No. 3, or C. P. and Vizagapatam Agy. Survey.
3	...	" J. H. Wilson	Ditto	No. 4, or N. E. Division, C. P. Survey ...
4	...	" W. H. Lilley	Ditto	No. 5, or Bhopal and Malwa Survey ...
5	...	" W. Robert	Ditto	No. 6, or Khasia & Garo Hills Survey ...
6	...	" F. E. Warde	Ditto	No. 7, or Rajpootana and Simla Survey...
7	...	" C. T. Templeton	Ditto	No. 1, or Gwalior & Central India Survey
8	...	Vacant.		
9	...	Vacant.		
<b>4TH GRADE—SALARY Rs. 120.</b>				
8	...			
1	...	Mr. J. McCay	Asst. Survr., 4th Grade	No. 6, or Khasia & Garo Hills Survey ...
2	...	" W. C. G. Berekley	Ditto	No. 2, or Khandesh and Bombay Native States Survey.
3	...	" Geo. Vander Beek	Ditto	No. 3, or C. P. and Vizagapatam Agy. Survey.
4	...	" Geo. T. Lambert	Ditto	No. 2, or Khandesh and Bombay Native States Survey.
5	...	" J. H. O'Brien	Ditto	No. 1, or Gwalior and Central India Survey
6	...	" W. M. Kelly	Ditto	Ditto
7	...	" J. Murray	Ditto	No. 5, or Bhopal and Malwa Survey ...
8	...	" A. Kitchen	Ditto	Ditto
9	...	" G. Read	Ditto	No. 4, or N. E. Division, C. P. Survey...
10	...	" P. White	Ditto	No. 7, or Rajpootana and Simla Survey
11	...	" T. Downes	Probationary ditto	No. 5, or Bhopal and Malwa Survey.
12	...	" E. Graham	Ditto ditto	No. 2, or Khandesh and Bombay Native States Survey.
13	...	" G. L. Fleming	Ditto ditto	No. 4, or North-Eastern Division, Central Provinces Survey.
14	...	" G. R. Copping	Ditto ditto	No. 5, or Bhopal and Malwa Survey.
15	...	" G. A. Knight	Ditto ditto	No. 1, or Gwalior & Central India Survey.

DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.				REMARKS.
First appointment to the Survey Department.	To present Grade.	FOR MILITARY OFFICERS.			FOR CIVILIANS.	
		Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.	
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
Aug. 10, 1863	Oct. 1, 1869	...	...	...	200	
Oct. 4, 1864	April 1, 1871	...	...	...	200	
Oct. 1, 1864	Ditto	...	...	...	200	
Sept. 18, 1865	Oct. 1, 1871	...	...	...	200	
May 1, 1865	Ditto	...	...	...	200	
Aug. 15, 1866	Oct. 1, 1872	...	...	...	200	
Sept. 1, 1867	Ditto	...	...	...	200	
Sept. 12, 1866	Ditto	...	...	...	200	
Feb. 1, 1867	April 1, 1873	...	...	...	200	
Nov. 1, 1867	Nov. 1, 1870	...	...	...	160	
Dec. 1, 1867*	Jan. 1, 1871	...	...	...	160	*Served previously in the Pegu Survey from 22nd Jan. 1863.
April 1, 1868	April 1, 1871	...	...	...	160	
May 1, 1868	May 1, 1871	...	...	...	160	
Aug. 1, 1869	Oct. 1, 1872	...	...	...	160	
Sept. 1, 1870	Sept. 1, 1873	...	...	...	160	
Ditto	Ditto	...	...	...	160	
Dec. 1, 1870	...	...	...	...	120	
Dec. 1, 1871	...	...	...	...	120	
July 1, 1872	...	...	...	...	120	
Ditto	...	...	...	...	120	
Oct. 1, 1872	...	...	...	...	120	
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Ditto	...	...	...	...	120	
Ditto	...	...	...	...	120	
Ditto	...	...	...	...	120	
Ditto	...	...	...	...	120	
Ditto	...	...	...	...	120	
Aug. 11, 1873*	...	...	...	...	120	*Previous service as Sub-surveyor from 1st November 1872.
Ditto†	...	...	...	...	120	† Ditto ditto ditto.
Ditto	...	...	...	...	120	
Ditto‡	...	...	...	...	120	‡ Previous service. Apprentice, from 1st October 1872.
Ditto	...	...	...	...	120	



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**GENERAL LIST**  
**OF**  
**OFFICERS OF THE TOPOGRAPHICAL SURVEY OF INDIA**  
**ON THE**  
**1st October 1873.**

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1 General Ser- vity No.	2 NAMES.	3 Passed in the Vernacular.	4 Age on 15th October 1873.			5 Rank.	6 Grade.	7 Salary.			8 Date of appointment to present grade.
			Y.	M.	D.			Rs.	A.	P.	
1	Colonel G. H. Saxton, s. c. ...	P. H.	53	8	18	Dy. Supdt. of Survey	1st Grade	1,800	0	0*	Apl. 1, 1868
2	Major G. C. Depree, s. c. ...	P. H.	41	2	13	Ditto ...	Ditto ...	1,440	14	0	Oct. 20, 1868
3	Capt. W. G. Murray, s. c. ...	P. H.	38	7	6	Ditto ...	2nd Grade	1,024	1	6	Apl. 1, 1869
4	„ Geo. Strahan, R. E. ...	P. H.	34	8	10	Ditto ...	Ditto ...	1,083	10	0	Oct. 26, 1870
5	Maj. H. H. Godwin-Austen, s. c.	P. H.	39	3	12	Ditto ...	Ditto ...	1,290	14	0	Jan. 1, 1868
6	Capt. R. V. Riddell, R. E. ...	P. H.	33	7	3	Ditto ...	3rd Grade	933	10	0	Oct. 1, 1867
7	Capt. Chas. Strahan, R. E. ...	...	Not known	...	...	Ditto ...	Ditto ...	917	7	8	Dec. 1, 1867
8	Mr. J. O. N. James ...	...	44	2	9	Ditto ...	Ditto ...	700	0	0	Apl. 1, 1869
9	„ F. B. Girdlestone ...	...	30	6	15	Ditto ...	Ditto ...	700	0	0	Aug. 11, 1873
10	Capt. W. F. Badgley, s. c. ...	P. H.	35	11	6	Assistant Supdt. of	1st Grade	749	1	6	May 8, 1868
11	Lieut. T. H. Holdich, R. E. ...	L. S.	30	8	2	Ditto ...	Ditto ...	640	12	0	Dec. 15, 1868
12	Mr. H. Horst ...	...	39	5	9	Ditto ...	Ditto ...	500	0	0	Oct. 1, 1869
13	Capt. J. Waterhouse, s. c. ...	P. H.	31	2	23	Ditto ...	Ditto ...	749	1	6	June 17, 1870
14	„ J. R. Wilmer, s. c. ...	H. S.	32	8	27	Ditto ...	Ditto ...	600	12	0	Aug. 23, 1872
15	Lieut. R. G. Woodthorpe, R. E.	L. S.	29	0	23	Ditto ...	2nd Grade.	515	12	0	...
16	„ E. P. Leach, R. E. ...	L. S.	26	6	14	Ditto ...	Ditto ...	515	12	0	...
17	Mr. N. A. Belletty ...	...	45	1	11	Surveyor ...	1st Grade	500	0	0	Apl. 1, 1866
18	„ J. F. Baness ...	...	43	3	16	Ditto ...	Ditto ...	600	0	0	May 1, 1870
19	„ A. C. Chamarett ...	...	40	10	16	Ditto ...	Ditto ...	500	0	0	Mar. 1, 1871
20	„ H. J. Bolst ...	...	36	7	15	Ditto ...	Ditto ...	500	0	0	Oct. 1, 1872
21	„ G. A. McGill... ..	...	35	5	22	Ditto ...	2nd Grade	400	0	0	Jan. 1, 1871
22	„ D. Atkinson ...	...	35	5	8	Ditto ...	Ditto ...	400	0	0	Ditto ...
23	„ J. A. Vanderputt ...	...	35	0	0	Ditto ...	3rd Grade	350	0	0	Oct. 1, 1871
24	„ R. W. Chew ...	...	34	2	23	Ditto ...	Ditto ...	350	0	0	Ditto ...
25	„ J. Harper ...	...	35	6	0	Ditto ...	Ditto ...	350	0	0	Oct. 1, 1872
26	„ A. J. Wilson... ..	...	31	1	15	Ditto ...	4th Grade	300	0	0	Apl. 1, 1871
27	„ J. A. May ...	...	31	0	29	Ditto ...	Ditto ...	300	0	0	Oct. 1, 1871
28	„ F. Adams ...	...	37	5	21	Ditto ...	Ditto ...	300	0	0	Ditto ...
29	„ R. D. Farrell... ..	...	29	8	16	Ditto ...	Ditto ...	300	0	0	Apl. 1, 1872
30	„ E. S. P. Atkinson ...	...	28	2	20	Ditto ...	Ditto ...	300	0	0	Ditto ...
31	„ M. J. Ogle ...	...	31	7	12	Ditto ...	Ditto ...	300	0	0	Ditto 1873
32	„ A. G. Wyatt... ..	...	28	7	20	Asst. Surveyor ...	1st Grade	250	0	0	Apl. 1, 1871
33	„ C. F. Hamer... ..	...	27	11	9	Ditto ...	Ditto ...	250	0	0	Oct. 1, 1871
34	„ C. A. R. Scanlan ...	...	26	1	3	Ditto ...	Ditto ...	250	0	0	Ditto ...
35	„ R. Todd ...	...	28	3	4	Ditto ...	Ditto ...	250	0	0	Ditto ...
36	„ A. Chennell ...	...	26	10	16	Ditto ...	Ditto ...	250	0	0	Oct. 1, 1873
37	„ C. Tapsell ...	...	28	11	2	Ditto ...	Ditto ...	250	0	0	Ditto ...

9 Date of first appointment to the Department.	10 Period of service in present grade, on 1st October 1873.			11 Period of service counting for pension, on 1st October 1873.			12 Present post.	13 REMARKS.
	Y.	M.	D.	Y.	M.	D.		
Apl. 24, 1849	7	6	0	...	...	...	Depy. Supdt., 1st grade, No. 3 Survey.	* Includes Rs. 172 as a personal allowance.
Oct. 20, 1854	6	11	12	...	...	...	Depy. Supdt., 1st grade, No. 4 Survey.	
May 8, 1857	4	6	0	...	...	...	Asst. Surveyor General in charge, Lithographic Press Branch.	On furlough to Europe from 14th February 1873.
July 2, 1862	2	11	6	...	...	...	Depy. Supdt., 2nd grade, No. 7 Survey.	
May 8, 1857	5	9	0	...	...	...	Depy. Supdt., 2nd grade...	On furlough to Europe for 6 months, from 5th Sep- tember 1873.
Aug. 28, 1862	7	0	0	...	...	...	Offg. Depy. Supdt., 2nd grade, No. 5 Survey.	Drawing Rs. 1,083-10-0 from 11th August 1873. Vice Major Godwin-Austen on Furlough.
Sept. 26, 1863	5	10	0	...	...	...	Depy. Supdt., 3rd grade, No. 1 Survey.	
July 29, 1845	4	6	0	(a)28	2	3	Asst. Survr. Genl. in charge Cartographic and En- graving Branches Head- Quarters.	
Aug. 1, 1863	0	1	21	(b) 7	3	0	Depy. Supdt., 3rd grade, No. 2 Survey.	(b) Exclusive of leave on medical certificate to Europe.
May 3, 1865	5	4	24	...	...	...	Offg. Depy. Supdt., 3rd grade, No. 6 Survey.	Drawing Rs. 874-1-6 from 11th August 1873. Vice Captain Riddell, promoted.
July 23, 1866	4	9	17	...	...	...	Offg. Depy. Supdt., 3rd grade, No. 1 Survey.	Drawing Rs. 765-12-0 from 11th August 1873.
Sept. 1, 1854	4	0	0	(a)19	1	0	Asst. Supdt., 1st grade, No. 5 Survey.	
July 23, 1866	3	3	14	...	...	...	Asst. Survr. Genl. in charge, Photographic Branch at Head-Quarters.	
Aug. 24, 1869	1	1	4	...	...	...	Asst. Supdt., 1st grade, No. 7 Survey.	
July 14, 1871	2	2	18	...	...	...	Offg. Asst. Supdt., 1st grade, No. 6 Survey.	Drawing Rs. 640-12-0 from 11th August 1873. Vice Captain Badgley, promoted.
Oct. 6, 1871	1	11	26	...	...	...	Asst. Supdt., 2nd grade, No. 1 Survey.	
July 16, 1847	7	6	0	(a)26	2	14	Survr., No. 2 Survey.	
Sept. 5, 1856	3	5	0	17	0	26	Chief Draftsman, Head- Quarters.	
June 2, 1852	2	7	0	(a)21	3	28	Geographical Examiner, Head-Quarters.	
July 26, 1852	1	0	0	(a)21	2	4	Survr., 1st grade, No. 1 Survey.	
Apl. 8, 1855	2	9	0	(a)18	5	23	Survr., 2nd grade, No. 4 Survey.	
Aug. 4, 1856	2	9	0	(a)17	1	27	On duty at Head-Quarters as 1st Draftsman.	
Sept. 1, 1856	2	0	0	(a)17	1	0	Survr., 3rd grade, No. 4 Survey.	
Sept. 15, 1856	2	0	0	(a)17	0	16	Survr., 3rd grade, No. 2 Survey.	
Aug. 8, 1857	1	0	0	(a)15	0	13†	Survr., 3rd grade, No. 3 Survey.	† 15 months 10 days' medical leave deducted.
Dec. 1, 1860	2	6	0	(a)12	9	0	On duty at Head-Quarters.	
Oct. 1, 1860	2	0	0	(a)13	0	0	Survr., 4th grade, No. 3 Survey.	
Ditto ...	2	0	0	(a)16	10	28	Ditto ...	From 3rd November 1856 to 30th September 1860. Previous service as Sub-Surveyor.
Oct. 1, 1860	1	6	0	(a)13	0	0	Survr., 4th grade, No. 1 Survey.	
Aug. 13, 1861	1	6	0	(a)12	1	18	Survr., 4th grade, No. 7 Survey.	
July 1, 1863	0	6	0	9	6	27	Survr., 4th grade, No. 6 Survey.	
Nov. 1, 1861	2	6	0	(a)11	11	0	Asst. Survr., 1st grade, No. 2 Survey.	
Aug. 3, 1863	2	0	0	4	11	24	Asst. Survr., 1st grade, No. 5 Survey.	
Sept. 9, 1863	2	0	0	4	0	18	Asst. Survr., 1st grade, No. 1 Survey.	
Nov. 1, 1863	2	0	0	6	2	4	Asst. Survr., 1st grade, No. 7 Survey.	
May 1, 1864	1	0	0	4	9	5	Asst. Survr., 1st grade, No. 6 Survey.	(a) Service qualifying for pension calculated under old rules [vide Section 61 (b) New Pension Code] for all appointments prior to June 1863.
Aug. 2, 1864	1	0	0	6	10	17	Asst. Survr., 1st grade, No. 7 Survey.	

1 General Seniority No.	2 NAMES.	3 Passed in the Vernacular.	4 Age on 15th October 1873.			5 Rank.	6 Grade.	7 Salary.	8 Date of appointment to present grade.
			Y.	M.	D.				
38	Mr. A. James ...	...	26	10	27	Asst. Surveyor ...	1st Grade	250 0 0	Sept. 1, 1873
39	" T. E. M. Claudius ...	...	27	4	15	Ditto ...	2nd Grade	200 0 0	Oct. 1, 1869
40	" F. Kitchen ...	...	27	6	22	Ditto ...	Ditto ...	200 0 0	Apr. 1, 1871
41	" W. Stotesbury ...	...	26	2	21	Ditto ...	Ditto ...	200 0 0	Ditto ...
42	" J. A. Barker... ..	...	24	6	3	Ditto ...	Ditto ...	200 0 0	Oct. 1, 1871
43	" E. A. Wainright ...	...	25	3	28	Ditto ...	Ditto ...	200 0 0	Ditto ...
44	" W. J. Cornelius ...	...	24	6	16	Ditto ...	Ditto ...	200 0 0	Ditto 1872
45	" W. W. McNair ...	...	23	1	3	Ditto ...	Ditto ...	200 0 0	Ditto ...
46	" W. F. Pettigrew ...	...	29	2	3	Ditto ...	Ditto ...	200 0 0	Ditto ...
47	" P. J. W. Doran ...	...	24	5	11	Ditto ...	Ditto ...	200 0 0	Apr. 1, 1873
48	" H. T. Kitchen ...	...	25	4	8	Ditto ...	3rd Grade	160 0 0	Nov. 1, 1870
49	" A. Cooper ...	...	32	11	19	Ditto ...	Ditto ...	160 0 0	Jan. 1, 1871
50	" J. H. Wilson... ..	...	27	3	8	Ditto ...	Ditto ...	160 0 0	Apr. 1, 1871
51	" W. H. Lilley ...	...	24	10	13	Ditto ...	Ditto ...	160 0 0	May 1, 1871
52	" W. Robert ...	...	22	7	18	Ditto ...	Ditto ...	160 0 0	Oct. 1, 1872
53	" F. E. Warde... ..	...	22	1	9	Ditto ...	Ditto ...	160 0 0	Sept. 1, 1873
54	" C. T. Templeton ...	...	21	1	12	Ditto ...	Ditto ...	160 0 0	Ditto ...
55	" J. McCay ...	...	20	0	8	Ditto ...	4th Grade	120 0 0	...
56	" W. C. G. Barclay ...	...	21	11	25	Ditto ...	Ditto ...	120 0 0	...
57	" Geo. Vander Beek ...	...	24	1	0	Ditto ...	Ditto ...	120 0 0	...
58	" Geo. T. Lambert ...	...	22	10	20	Ditto ...	Ditto ...	120 0 0	...
59	" J. H. O'Brien ...	...	21	6	23	Ditto ...	Ditto ...	120 0 0	...
60	" W. M. Kelly ...	...	19	2	10	Ditto ...	Ditto ...	120 0 0	...
61	" J. Murray ...	...	21	2	1	Ditto ...	Ditto ...	120 0 0	...
62	" A. Kitchen ...	...	20	8	20	Ditto ...	Ditto ...	120 0 0	...
63	" G. Read ...	...	19	9	20	Ditto ...	Ditto ...	120 0 0	...
64	" P. White ...	...	22	11	23	Ditto ...	Ditto ...	120 0 0	...
65	" T. Downes ...	...	20	9	7	Probationary ditto	Ditto ...	120 0 0	...
66	" E. Graham ...	...	...	...	...	Ditto ...	Ditto ...	120 0 0	...
67	" G. L. Fleming ...	...	...	...	...	Ditto ...	Ditto ...	120 0 0	...
68	" G. R. Copping ...	...	20	3	21	Ditto ...	Ditto ...	120 0 0	...
69	" G. A. Knight ...	...	...	...	...	Ditto ...	Ditto ...	120 0 0	...

9 Date of first appointment to the Department.	10 Period of service in present grade, on 1st October 1873.			11 Period of service counting for pension, on 1st October 1873.			12 Present post.	13 REMARKS.
	Y.	M.	D.	Y.	M.	D.		
June 15, 1864	0	1	0	4	10	12	Asst. Survr., 1st grade, No. 4 Survey.	
Aug. 10, 1863	4	0	0	5	4	0	Asst. Survr., 2nd grade, No. 3 Survey.	
Oct. 4, 1864	2	6	0	5	5	20	Asst. Survr., 2nd grade, No. 7 Survey.	
Oct. 1, 1864	2	6	0	4	2	6	Asst. Survr., 2nd grade, No. 7 Survey.	
Sept. 18, 1865	2	0	0	5	5	17	Asst. Survr., 2nd grade, No. 4 Survey.	
May 1, 1865	2	0	0	3	3	12	Asst. Survr., 2nd grade, No. 5 Survey.	
Aug. 15, 1866	1	0	0	3	6	15	Asst. Survr., 2nd grade, No. 1 Survey.	
Sept. 1, 1867	1	0	0	1	11	26	Asst. Survr., 2nd grade, No. 7 Survey.	
Sept. 12, 1866	1	0	0	7	1	18	Asst. Survr., 2nd grade, No. 3 Survey.	
Feb. 1, 1867	0	6	0	2	9	0	Asst. Survr., 2nd grade, No. 1 Survey.	
Nov. 1, 1867	2	11	0	3	3	22	Asst. Survr., 3rd grade, No. 5 Survey.	
Dec. 1, 1867*	2	9	0	5	9	0	Asst. Survr., 3rd grade, No. 3 Survey.	* Served previously in the Pegu Survey from 22nd January 1863.
Apr. 1, 1868	2	6	0	5	2	22	Asst. Survr., 3rd grade, No. 4 Survey.	
May 1, 1868	2	5	0	2	9	27	Asst. Survr., 3rd grade, No. 5 Survey.	
Aug. 1, 1869	1	0	0	Nil	...	...	Asst. Survr., 3rd grade, No. 6 Survey.	
Sept. 1, 1870	0	1	0	Nil	...	...	Asst. Survr., 3rd grade, No. 7 Survey.	
Ditto ...	0	1	0	Nil	...	...	Asst. Survr., 3rd grade, No. 1 Survey.	
Dec. 1, 1870	2	10	0	Nil	...	...	Asst. Survr., 4th grade, No. 6 Survey.	
Dec. 1, 1871	1	10	0	Nil	...	...	Asst. Survr., 4th grade, No. 2 Survey.	
July 1, 1872	1	3	0	1	3	0	Asst. Survr., 4th grade, No. 3 Survey.	
Ditto ...	1	3	0	Nil	...	...	Asst. Survr., 4th grade, No. 2 Survey.	
Oct. 1, 1872	1	0	0	Nil	...	...	Asst. Survr., 4th grade, No. 1 Survey.	Leave on private affairs for 1 year (without pay) from 16th July 1873.
Ditto ...	1	0	0	Nil	...	...	Asst. Survr., 4th grade, No. 1 Survey.	
Ditto ...	1	0	0	Nil	...	...	Asst. Survr., 4th grade, No. 5 Survey.	
Ditto ...	1	0	0	Nil	...	...	Asst. Survr., 4th grade, No. 4 Survey.	
Ditto ...	1	0	0	0	11	8	Asst. Survr., 4th grade, No. 7 Survey.	
Aug. 11, 1873*	0	1	21	Nil	...	...	Asst. Survr., 4th grade, No. 5 Survey.	* Previous service, Sub-Survr., from 1st Nov. 1872.
Ditto ...†	0	1	21	Nil	...	...	Asst. Survr., 4th grade, No. 2 Survey.	† Ditto ditto ditto.
Ditto ...	0	1	21	Nil	...	...	Asst. Survr., 4th grade, No. 4 Survey.	
Ditto ...‡	0	1	21	Nil	...	...	Asst. Survr., 4th grade, No. 5 Survey.	‡ Ditto apprentice from 1st October 1872.
Ditto ...	0	1	21	...	...	...	Asst. Survr., 4th grade, No. 1 Survey.	



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DISPOSITION LIST  
OF  
OFFICERS OF THE TOPOGRAPHICAL SURVEY OF INDIA  
ON THE  
1st October 1873.

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Disposition List of Officers of the Surveyor General's Office

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.	Annual cost of Party.
		Sub-Surveyors.		Chainmen.	Native Doctors.	Barkandazes.				
		No.	No.							
Calcutta—Head Quarters	...	...	...	...	...	...	...	...	...	

Head-Quarters, Calcutta, on the 1st October 1873.

Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Colonel H. L. Thuillier, R. A., C. S. I.	...	Surveyor General of India and Supdt. of Topographical Surveys.	Mar. 13, 1861.	
Captain W. G. Murray, s. c.	3	Depy. Supdt., 2nd grade, Asst. Surveyor General.	...	On furlough to Europe for 2 years from the 14th February 1873.
J. O. N. James, Esq.	8	Depy. Supdt., 3rd grade, Asst. Surveyor General.	April 1, 1866	In charge Cartographic and Engraving Branches.
Captain J. Waterhouse, s. c.	13	Asst. Supdt., 1st grade, Asst. Surveyor General.	July 23, 1866	In charge, Photographic and Lithographic Branches.

Disposition List of Officers of the Topographical Survey

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.	Annual cost of Party.
		Sub-Surveyors.	Writer.	Flagmen and Carriers.	Native Doctors.	Barkandazes.				
1	Native States. Central India and Rajpootana Agencies viz., Gwalior, Tonk, Kotah, Jhalwar, Rajgarh, Kulchipur, and Holkar's territory.	6	...	112	1	9	...	Final Topography, 2,811 square miles. Triangulation, 3,713 square miles. Large scale plan of Jhalra Patan ... 1.	3,000 square miles of final Topography. 2,320 square miles of triangulation. Large scale survey of Jhalra Patan 12 inches to a mile.	Rs. 62,480

Department of India, on the 1st October 1873.

Officer in charge, Assistant Superintendent, Surveyors, and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Captain Charles Strahan, R. E. (in charge)	7	Deputy Superintendent, 3rd grade.	13th Oct. 1867.	
Lieutenant T. H. Holdich, R. E.	11	Offg. Ditto ditto ditto	Nov. 3, 1871.	
Lieutenant E. P. Leach, R. E.	16	Assistant Superintendent, 2nd grade.		
Mr. H. J. Bolst	20	Surveyor, 1st grade.		
" R. D. Farrell	29	Ditto, 4th grade.		
" C. A. R. Scanlan	34	Assistant Surveyor, 1st grade.		
" W. J. Cornelius	44	Ditto, 2nd grade.		
" P. J. W. Doran	47	Ditto, ditto.		
" C. T. Templeton	54	Ditto, 3rd grade.		
" J. H. O'Brien	59	Ditto, 4th ditto.	...	On leave from 16th July 1873.
" W. M. Kelly	60	Ditto, ditto.		
" G. A. Knight	69	Proby. Ditto, ditto.		

## Disposition List of Officers of the Topographical Survey

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.	Annual cost of Party.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barkandazes.	Apothecary.			
		No.	No.							
2	Khandesh and Native States, Bombay Presidency; Holkar's and Sindiah's Territory in Central India Agency, Dhar, Burwani and part of British Nimar.	4	1	146	1	11	...	Final Topography 1,838 square miles, season 1872-73.  Triangulation in advance of Topography 3,477 square miles (mean of two Seasons).	1,838 square miles of Final Topography.  2,013 square miles of triangulation in advance of Topography.	Rs. 56,825

## Disposition List of Officers of the Topographical Survey

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.							Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.	Annual cost of Party.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barkandazes.	Apothecary.				
		No.	No.								
3	Bustar and Rakapili in the Central Provinces; Panchipenta, Jeypur, Madgul, and Gologonda in the Vizagapatam Agency, and Rampa Zemindary of District Rajamundry in the Madras Presidency.	3	1	93	0	6	1	Final Topography, 1,764 square miles.  Points interpolated over 3,000 square miles of country previously triangulated.	1,636 square miles of Final Topography.  1,500 square miles of triangulation in advance of Topography.	Rs. 63,615	

## Department of India, on the 1st October 1873—continued.

Officer in charge, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
F. B. Girdlestone, Esq., (in charge) ...	9	Depy. Supdt., 3rd grade ...	4th Dec. 1871.	Party organized, 4th Dec. 1871. Commenced work January 1872.
Mr. N. A. Belletty ...	17	Surveyor, 1st grade.		
" R. W. Chew ...	24	Ditto, 3rd grade.		
" A. G. Wyatt ...	32	Asst. Surveyor, 1st grade.		
" W. C. G. Barclay ...	56	Ditto, 4th grade.		
" G. T. Lambert ...	58	Ditto, ditto.		
" E. Graham ...	66	Proby. Ditto, ditto.		

## Department of India, on the 1st October 1873—continued.

Officer in charge, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Colonel G. H. Saxton, s. c., (in charge) ...	1	Depy. Supdt., 1st grade ...	April 1850.	
Mr. J. Harper ...	25	Surveyor, 3rd grade.		
" J. A. May ...	27	Ditto, 4th grade.		
" F. Adams ...	28	Ditto, ditto.		
" T. E. M. Claudius ...	38	Asst. Surveyor, 2nd grade.		
" W. F. Pettigrew ...	46	Ditto, ditto.		
" A. Cooper ...	49	Ditto, 3rd grade.		
" G. Vander Beek ...	57	Ditto, 4th grade.		

## Disposition List of Officers of the Topographical Survey

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.	Annual cost of Party.
		Sub-Surveyors.	Writer.	Flagmen and Carriers.	Native Doctors.	Barkandazes.	Apothecary.			
		No.	No.	No.	No.	No.	No.			
4	Districts of Belaspur, Mandla and Balaghat in the Central Provinces; Talooka Sohagpoor of the Rewah State.	5	1	133	1	12	1	Final Topography, 2,610 square miles. Triangulation, 3,333 square miles.	2,571 square miles of Final Topography and 2,900 square miles of Triangulation in advance.	Rs. 57,639

## Department of India on the 1st October 1873 —continued.

Officer in charge, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Major G. C. Depree, s. c., (in charge) ...	2	Depy. Supdt., 1st grade ...	March 1856.	
Mr. G. A. McGill ...	21	Surveyor, 2nd grade.		
" J. A. Vanderputt ...	23	Ditto, 3rd grade.		
" A. James ...	39	Asst. Surveyor, 1st grade.		
" J. A. Barker ...	42	Ditto, 2nd grade.		
" J. H. Wilson ...	50	Ditto, 3rd grade.		
" G. Read ...	63	Ditto, 4th grade.		
" G. L. Fleming ...	67	Proby. ditto.		

## Disposition List of Officers of the Topographical Survey

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.	Annual cost of Party.
		Sub-Surveyors.	Writer.	Flagmen and Carriers.	Native Doctors.	Barkandazes.				
		No.	No.	No.	No.	No.	No.			
5	Bhopal, Gwalior, Rajgurh, Nursingurh, Kilchipur, Tonk and Dewas Native States in the Central India Agency.	5	1	157	1	5	...	Final Topography, 2,509 square miles. Triangulation, 3,266 square miles.* Plan of Bhopal City and Environs, scale 12 inches, 1 mile.	2,215 square miles of Final Topography and 2,264 square miles of Triangulation in advance of Topography. 202 Linear miles of check routes.	Rs. 57,399

## Department of India, on the 1st October 1873 —continued.

Officer in charge, Assistant Superintendent, Surveyors, and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Captain R. V. Riddell, s. e., (in charge)	6	Offg. Depy. Supdt., 2nd grade	June 1867.	* No Triangulation executed during season 1871-72.
Mr. H. Horst ...	12	Asst. Supdt., 1st grade.		
" C. F. Hamer ...	33	Asst. Surveyor, 1st grade.		
" E. A. Wainright ...	43	Ditto, 2nd grade.		
" H. T. Kitchen ...	48	Ditto, 2nd grade.		
" W. H. Lilley ...	51	Ditto, ditto.		
" J. Murray ...	61	Ditto, 4th grade.		
" A. Kitchen ...	62	Ditto, ditto.		
" T. Downes ...	65	Proby, Ditto, ditto.		
" G. R. Copping ...	68	Ditto, ditto.		

## Disposition List of Officers of the Topographical Survey

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.	Annual cost of Party.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barkandazes.				
		No.	No.			No.	No.			
6	Naga, Garo, Tipperah and Lushai Hills on the Eastern frontier of Bengal, and in the Munnipur State.	3	1	98	1	10	...	Final Topography, 5,259 square miles. Triangulation, 4,667 square miles.	9,100 square miles, of Reconnaissance on $\frac{1}{2}$ inch and $\frac{1}{4}$ inch scales. 7,993 square miles of triangulation. Plan of the station of Tura (Garo Hills), scale 24 inches = 1 mile.	Rs. 74,863

## Disposition List of Officers of the Topographical Survey

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.	Annual cost of Party.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barkandazes.				
		No.	No.			No.	No.			
7	Meywar, Marwar, Godwar, Shahpura, Mhairwara, and Ajmere in the Rajpootana Agency and Simla.	6	1	118	1	7	...	Final Topography, 2,974 square miles. Triangulation, 3,080 square miles.* Simla Survey, 24 inches = 1 mile, in progress.	2,760 square miles of Final Topography. 431 Linear miles of check routes and Boundary Survey. 3,783 acres on 24 inches = 1 mile of the Simla Survey, and 21 miles of Traversing.	Rs. 66,699

## Department of India on the 1st October 1873 — continued.

Officer in charge, Assistant Superintendent, Surveyors, and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Major H. H. Godwin-Austen, s. c., (in charge).	5	Depy. Supdt., 2nd grade ...	Oct. 15, 1863	On Furlough to Europe for 6 months— This Party was employed in three distinct detachments at present:— One under Major H. Godwin-Austen in the Naga Hills and Munnipur State. One under Captain Badgley in the Tipperah, Lushai, and North Chittagong Hills. One under Lieutenant Woodthorpe in the Garo Hills.
Captain W. F. Badgley, s. c., (Offg. in charge).	10	Offg. Depy. Supdt., 3rd grade.		
Lieut. R. G. Woodthorpe, R. E. ...	15	Offg. Asst. Supdt., 1st grade.		
Mr. M. J. Ogle ...	31	Surveyor, 4th grade.		
„ A. Chennell ...	36	Asst. Surveyor, 1st grade.		
„ W. Robert ...	52	Ditto, 3rd grade.		
„ J. McCay ...	55	Ditto, 4th grade.		

## Department of India on the 1st October 1873 — concluded.

Officer in charge, Assistant Superintendent, and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Captain George Strahan, R. E., (in charge)	4	Depy. Supdt., 2nd grade ...	July 1864.	* No triangulation executed during 1872-73.
„ J. R. Wilmer, s. c. ...	14	Asst. Supdt., 1st grade.		
Mr. E. S. P. Atkinson ...	30	Surveyor, 4th grade.		
„ R. Todd ...	35	Asst. Surveyor, 1st grade.		
„ C. Tapsell ...	37	Ditto, ditto.		
„ F. Kitchen ...	40	Ditto, 2nd grade.		
„ W. Stotesbury ...	41	Ditto, ditto.		
„ W. W. McNair ...	45	Ditto, ditto.		
„ F. E. Warde ...	53	Ditto, 3rd grade.		
„ P. White ...	64	Ditto, 4th grade.		



ALPHABETICAL LIST  
OF  
OFFICERS OF THE REVENUE SURVEY DEPARTMENT.

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**CLASSIFIED LIST**  
**OF**  
**OFFICERS OF THE REVENUE SURVEY DEPARTMENT**  
**FOR THE**  
**Half-year ending 30th September 1873.**

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Number of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.	DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.				REMARKS.
				First Appointment to the Survey Department.	To present Grade.	FOR MILITARY OFFICERS.			FOR CIVILIANS.	
						Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil consolidated Salary.	
				Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.			
<b>ADMINISTRATIVE OFFICERS.</b>										
<b>SUPERINTENDENTS.</b>										
	Military Officers	Staff Pay	Rs. 1,000							
		Civil consolidated salary	Rs. 1,400							
1	Colonel James Eardly Gastrell, s. c.	Superintendent of Revenue Surveys, Upper Circle.	.....	Jan. 13, 1852	Mar. 11, 1867	952 14 0	1,000 0 0	1,952 14 0	...	
2	„ Donald Campbell Vanrenen, B. A.	Ditto, Lower Circle	.....	Oct. 3, 1846	Mar. 11, 1867	1,265 5 0	1,000 0 0	2,265 5 0	...	
<b>EXECUTIVE OFFICERS</b>										
<b>SENIOR DEPARTMENT.</b>										
<b>DEPUTY SUPERINTENDENTS.</b>										
	1st Grade Military Officers	Staff pay	Rs. 800							
		Maximum aggregate pay	Rs. 1,800							
		Civil consolidated salary	Rs. 1,100							
S	Lieut.-Col. John Macdonald, s. c.	Deputy Supdt. of Revenue Survey, 1st grade.	.....	Sept. 10, 1852	April 1, 1866	827 14 0	800 0 0	1,627 14 0	...	Europe, p. a., for 1 year, from 6th July 1873.
1	Colonel Henry Campbell Johnstone, c. B., s. c.	Ditto	N. W. Frontier	May 27, 1853	Ditto	827 14 0	800 0 0	1,627 14 0	...	
2	Lieut.-Col. Frederick Cortlandt Anderson, s. c.	Ditto	In charge, 2nd Division, N. W. P.	Sept. 10, 1852	Ditto 1868	827 14 0	800 0 0	1,627 14 0	...	
	2nd Grade Military Officers	Staff pay	Rs. 650							
		Maximum aggregate pay	Rs. 1,400							
		Civil consolidated salary	Rs. 900							
3	Major Adrian Dennys Vanrenen, s. c.	Deputy Supdt. of Revenue Survey, 2nd grade.	In charge, 1st Division, N. W. P.	July 8, 1856	July 8, 1866	640 14 0	650 0 0	1,290 14 0	...	Offg. in the 1st grade, and drawing Rs. 800 staff pay from 6th July 1873.
1	„ Richard Edward Oakes, s. c.	Ditto	In charge, 1st Division, C. P.	Apl. 7, 1858	Apl. 7, 1867	640 14 0	650 0 0	1,290 14 0	...	
2	Mr. Robert Broughton Smart	Ditto	In charge, 4th Division, N. W. P.	Sept. 21, 1846	Nov. 6, 1868	...	...	...	900	
S	Captain James Sconce, s. c.	Ditto	.....	Oct. 21, 1859	Ditto	417 7 8	650 0 0	1,067 7 8	...	Europe, p. a., for 2 years, from 28th March 1872.
3	Mr. William Lane	Ditto	In charge, 2nd Division, C. P.	Feb. 10, 1837	Feb. 10, 1871	...	...	...	900	Confirmed in 2nd grade, from 4th March 1873.
	3rd Grade Military Officers	Staff pay	Rs. 500							
		Maximum aggregate pay	Rs. 1,200							
		Civil consolidated salary	Rs. 700							
S	Major Donald Macdonald, s. c.	Deputy Supdt. of Revenue Survey, 3rd grade.	Delhi and Hissar Division	Dec. 19, 1860	April 1, 1866	640 14 0	500 0 0	1,140 14 0	...	Europe, p. a., for 2 years, from 18th January 1872.
4	Captain Fitzherbert Coddington, s. c.	Ditto	In charge, 1st or Nassik Divn., Bombay	Jan. 17, 1862	July 26, 1867	374 1 6	500 0 0	874 1 6	...	Exclusive of full-scale local allowance, Rs. 30. Officiating in the 2nd grade, and drawing Rs. 650 staff pay from 23rd April 1872.
S	„ John Henry Willoughby Osborne, late 44th N. I.	Ditto	2nd Division, L. P.	Jan. 28, 1862	Apl. 1, 1870	415 6 0	500 0 0	915 6 0	...	On sick leave from 21st January to 26th March 1873. Europe, m.c., for 1 year, from 27th March 1873.
5	„ William Barron, s. c.	Ditto	In charge, N. W. Frontier	June 27, 1862	Ditto	374 1 6	500 0 0	874 1 6	...	Exclusive of Rs. 15, half-scale local allowance whilst in the field. Offg. in the 2nd grade, and drawing Rs. 650 staff pay from 6th July 1873.
1	„ Henry Charles Baskerville Tanner, s. c.	Ditto	In charge, 2nd or Ahmednuggur Division, Bombay.	Oct. 10, 1862	Ditto	374 1 6	500 0 0	874 1 6	...	Exclusive of full-scale local allowance, Rs. 30.
2	Mr. Edward Thomas Smith Johnson	Ditto	In charge, 3rd Division, N. W. P.	Oct. 13, 1847	July 5, 1870	...	...	...	700	



Number of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.	DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.				REMARKS.
				First Appointment to the Survey Department.	To present Grade.	FOR MILITARY OFFICERS.			FOR CIVILIANS.	
						Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.	
						Rs.	Rs.	Rs.	Rs.	
<b>SUBORDINATE DEPARTMENT.</b>										
<b>REVENUE SURVEYORS.</b>										
<b>1ST GRADE—SALARY Rs. 500.</b>										
1	Mr. George Housden	Revenue Surveyor, 1st grade.	N. W. Frontier	Feb. 18, 1847	July 1, 1867	...	...	...	500	Exclusive of Rs. 15, half-scale local allowance, whilst in the field.
2	William Henry Patterson	Ditto	1st Division, L. P.	Dec. 1, 1851	Jan. 1, 1871	...	...	...	500	Exclusive of Assam allowance, Rs. 50.
<b>2ND GRADE—SALARY Rs. 400.</b>										
5	Mr. Frederick William Kelly, L. S.	Revenue Surveyor, 2nd grade.	.....	Dec. 1, 1854	July 1, 1869	...	...	...	400	Exclusive of personal allowance, Rs. 100. Supernumerary—Doing duty in Head-Quarters' Office.
1	Charles William Campbell	Ditto	2nd Division, N. W. P.	Nov. 1, 1853	July 1, 1870	...	...	...	400	
2	Edward Loftie	Ditto	Delhi and Hissar Division	Jan. 1, 1847	Jan. 1, 1871	...	...	...	400	
3	George Henry Blyth	Ditto	Ditto	Dec. 1, 1846	Jan. 1, 1872	...	...	...	400	
4	Frederick Grant	Ditto	1st Division, C. P.	July 11, 1856	Apr. 1, 1872	...	...	...	400	
<b>3RD GRADE—SALARY Rs. 350.</b>										
1	Mr. William Sinclair	Revenue Surveyor, 3rd grade.	1st Division, N. W. P.	Oct. 1, 1855	Apr. 1, 1869	...	...	...	350	
2	Constantine Brownfield, L. S.	Ditto	4th Division, N. W. P.	Sep. 20, 1856	Apr. 1, 1869	...	...	...	350	
3	Arthur David Smart	Ditto	3rd Division, L. P.	Oct. 1, 1870	Oct. 1, 1870	...	...	...	350	
4	Robert Barclay	Ditto	1st Division, Bhawalpore	Sept. 20, 1856	Jan. 1, 1871	...	...	...	350	
5	James Todd	Ditto	2nd Division, L. P.	Dec. 27, 1863	Jan. 1, 1872	...	...	...	350	Exclusive of Assam allowance, Rs. 50.
Nos. 6 to 8.	} Vacant.									
<b>4TH GRADE—SALARY Rs. 300.</b>										
5	Mr. Peter Henry William Brady	Revenue Surveyor, 4th grade.	.....	Feb. 1, 1860	Mar. 1, 1871	...	...	...	300	Supernumerary—Doing duty in Head-Quarters' Office.
1	Patrick Augustus George Cowley, L. S.	Ditto	3rd Division, N. W. P.	Sept. 1, 1859	Oct. 1, 1871	...	...	...	300	
2	Charles David	Ditto	3rd Division, L. P.	Sept. 1, 1847	Jan. 1, 1872	...	...	...	300	
3	George Rae	Ditto	1st Division, C. P.	Sept. 1, 1859	Apr. 1, 1872	...	...	...	300	
4	Samuel Mack Smylie	Ditto	2nd or Ahmednuggur Division, Bombay	July 24, 1860	Ditto	...	...	...	300	Exclusive of full-scale local allowance, Rs. 36.
5	James Stewart Pemberton, L. S.	Ditto	Delhi and Hissar Division	Oct. 6, 1860	Ditto	...	...	...	300	
6	William Robert Vvall	Ditto	1st Division, L. P.	June 13, 1856	Apr. 1, 1869	...	...	...	300	Exclusive of Assam allowance, Rs. 50.
7	Henry Ross Littlewood	Ditto	2nd Division, C. P.	Oct. 6, 1860	Apr. 1, 1872	...	...	...	300	
8	William Alexander Wilson, L. S.	Ditto	2nd Division, Bhawalpore	Jan. 1, 1861	Ditto	...	...	...	300	
9	William Samuel Buttress	Ditto	N. W. Frontier	Sept. 1, 1860	Oct. 1, 1872	...	...	...	300	Exclusive of Rs. 15, half-scale local allowance, whilst in the field.
10	George Robert Buttress	Ditto	1st Division, C. P.	Nov. 1, 1855	Oct. 31, 1872	...	...	...	300	
11	Thomas Wilfred Reilly	Ditto	2nd or Ahmednuggur Division, Bombay	Oct. 18, 1859	Nov. 1, 1872	...	...	...	300	Exclusive of full-scale local allowance, Rs. 36.
12	Alexander Macdonald Lawson, L. S.	Ditto	1st or Nassik Division, Bombay	Nov. 18, 1862	May 1, 1873	...	...	...	300	Exclusive of full-scale local allowance, Rs. 36.
Nos. 13 & 14.	} Vacant.									
<b>ASSISTANT REVENUE SURVEYORS.</b>										
<b>1ST GRADE—SALARY Rs. 250.</b>										
1	Mr. Andrew John Gibson	Assistant Revenue Surveyor, 1st grade.	1st Division, Bhawalpore	May 1, 1861	Oct. 1, 1870	...	...	...	250	

*Classified List of Officers of the Revenue Survey Department*

*for the half-year ending 30th September 1873—continued.*

Number of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.
<b>ASSISTANT REVENUE SURVEYORS—continued.</b>			
<b>1st GRADE—SALARY Rs. 250—continued.</b>			
2	Mr. Lawrence Graham Hill ... ..	Assistant Revenue Surveyor, 1st grade.	1st Division, Bhawalpore ...
3	„ John Thomas Uniacke Coxen ... ..	Ditto ...	3rd Division, L. P. ...
4	„ John Allan Swyny, L. S. ... ..	Ditto ...	2nd Division, L. P. ...
5	„ Henry Dowman ... ..	Ditto ...	2nd Division, Bhawalpore ...
6	„ Edwin Little ... ..	Ditto ...	4th Division, N. W. P. ...
7	„ Henry Townsend Hanby ... ..	Ditto ...	1st Division, N. W. P. ...
8	„ George Batley Scott ... ..	Ditto ...	1st Division, L. P. ...
9	„ John Nathaniel Stoelk6 ... ..	Ditto ...	2nd Division, C. P. ...
10	„ James Hoppner O'Donel ... ..	Ditto ...	3rd Division, N. W. P. ...
11	„ Phillip Ford ... ..	Ditto ...	Delhi and Hissar Division ...
Nos. 7 to 11.	} In excess.		
<b>2ND GRADE—SALARY Rs. 200.</b>			
8	Mr. Thomas Dearman Moran ... ..	Assistant Revenue Surveyor, 2nd grade.	1st Division, L. P. ...
1	„ Daniel Arthur King ... ..	Ditto ...	4th Division, N. W. P. ...
2	„ Robert Boddington Smart ... ..	Ditto ...	N. W. Frontier ...
3	„ Edward Wrafter Lincoln ... ..	Ditto ...	1st Division, L. P. ...
8	„ James Connor ... ..	Ditto ...	...
8	„ Thomas Henry Dunne ... ..	Ditto ...	...
4	„ William James Lane ... ..	Ditto ...	2nd Division, C. P. ...
5	„ John Newland ... ..	Ditto ...	1st or Nassik Division, Bombay ...
6	„ Thomas Patterson ... ..	Ditto ...	1st Division, N. W. P. ...
7	„ Richard Cunningham Dundee Ewing ... ..	Ditto ...	2nd Division, L. P. ...
8	„ George Wilson Jarbo ... ..	Ditto ...	2nd Division, N. W. P. ...
9	„ James Reid Scott, L. S. ... ..	Ditto ...	Ditto ...
10	„ John McHatton, L. S. ... ..	Ditto ...	2nd Division, C. P. ...
11	Babu Huree Sing ... ..	Ditto ...	N. W. Frontier ...
<b>3RD GRADE—SALARY Rs. 160.</b>			
1	Mr. Charles Walker Wilson ... ..	Assistant Revenue Surveyor, 3rd grade.	4th Division, N. W. P. ...
2	„ William James Smith ... ..	Ditto ...	N. W. Frontier ...
3	„ Septimus Oswald Madras ... ..	Ditto ...	2nd Division, Bhawalpore ...
4	„ Thomas Frederick Freeman ... ..	Ditto ...	2nd Division, L. P. ...
5	„ George Carleton Swinoy ... ..	Ditto ...	3rd Division, L. P. ...
6	„ Charles Walter Franklin Seyers ... ..	Ditto ...	1st Division, C. P. ...
7	„ George Bartlett Youngs ... ..	Ditto ...	1st Division, C. P. ...

DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.				REMARKS.
First Appointment to the Survey Department.	To present Grade.	FOR MILITARY OFFICERS.			FOR CIVILIANS.	
		Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.	
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
Nov. 18, 1862	Jan. 1, 1871	...	...	...	250	
May 16, 1863	Apl. 1, 1871	...	...	...	250	On special duty, Cachar Tea Grant Survey.
Feb. 13, 1862	Ditto ...	...	...	...	250	Exclusive of Assam allowance, Rs. 40.
Oct. 16, 1862	Oct. 16, 1871	...	...	...	250	
Jan. 1, 1860	Nov. 5, 1871	...	...	...	250	
Nov. 13, 1862	Nov. 13, 1871	...	...	...	250	
May 1, 1863	Dec. 15, 1871	...	...	...	250	Exclusive of Assam allowance, Rs. 40.
Aug. 3, 1863	Aug. 3, 1872	...	...	...	250	
Oct. 1, 1863	Oct. 1, 1872	...	...	...	250	
Dec. 15, 1863	June 4, 1873	...	...	...	250	
Aug. 3, 1863	Aug. 3, 1869	...	...	...	200	Supernumerary—Temporarily transferred to Civil Department for Cooch Behar Khusrá Survey.
Apl. 12, 1864	Dec. 15, 1870	...	...	...	200	
Jan. 1, 1864	Jan. 1, 1871	...	...	...	200	Exclusive of Rs. 12, half-scale local allowance, whilst in the field.
Feb. 15, 1865	Feb. 15, 1871	...	...	...	200	Exclusive of Assam allowance, Rs. 40.
Ditto ...	Ditto ...	...	...	...	200	Supernumerary—Doing duty in Headquarters' Office.
Ditto ...	Ditto ...	...	...	...	200	Ditto ditto.
Mar. 1, 1865	Apl. 24, 1871	...	...	...	200	
Oct. 22, 1863	June 29, 1871	...	...	...	200	Exclusive of full-scale local allowance, Rs. 24.
Mar. 6, 1866	Jan. 1, 1872	...	...	...	200	
June 9, 1866	Sept. 9, 1872	...	...	...	200	Exclusive of Assam allowance, Rs. 40.
Nov. 1, 1866	Nov. 1, 1872	...	...	...	200	
Jan. 19, 1867	May 1, 1873	...	...	...	200	
July 1, 1867	July 1, 1873	...	...	...	200	
Oct. 28, 1862	Apl. 1, 1871	...	...	...	200	Exclusive of Rs. 12, half-scale local allowance, whilst in the field. On sick leave for 6 months from 21st July 1873.
June 21, 1867	Oct. 1, 1870	...	...	...	160	
Sept. 1, 1866	Apl. 1, 1871	...	...	...	160	Exclusive of Rs. 9-9-7, half-scale local allowance, whilst in the field.
July 6, 1868	July 6, 1871	...	...	...	160	
Sept. 9, 1868	Sept. 9, 1871	...	...	...	160	Exclusive of Assam allowance, Rs. 40.
Sept. 17, 1868	Sept. 17, 1871	...	...	...	160	
Dec. 1, 1864	Oct. 1, 1871	...	...	...	160	
Jan. 1, 1866	Nov. 1, 1869	...	...	...	160	

Number of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.	DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.				REMARKS.
				First Appointment to the Survey Department.	To present Grade.	FOR MILITARY OFFICERS.			FOR CIVILIANS.	
						Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.	
						Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
ASSISTANT REVENUE SURVEYORS—continued.										
3RD GRADE—SALARY Rs. 160—continued.										
8	Mr. Alfred Collimore Wilson Lemarchand ...	Assistant Revenue Surveyor, 3rd grade.	1st or Nassik Division, Bombay	Nov. 2, 1868	Nov. 2, 1871	...	...	...	160	Exclusive of local allowance, Rs. 19-3-2.
9	„ John Sidney Swiney ...	Ditto	3rd Division, N. W. P.	Jan. 5, 1869	Jan. 5, 1872	...	...	...	160	
10	„ George Latter Rodway Scott, L. s. ...	Ditto	Ditto	Mar. 1, 1869	Mar. 1, 1872	...	...	...	160	
11	„ James O'Toole ...	Ditto	1st Division, L. P.	Sept. 10, 1868	Mar. 10, 1872	...	...	...	160	Exclusive of Assam allowance, Rs. 40.
12	„ William Joseph Lincoln ...	Ditto	1st Division, N. W. P.	Apl. 1, 1869	Apl. 1, 1872	...	...	...	160	
13	„ Benjamin Anderson ...	Ditto	Delhi and Hissar Division.	Apl. 20, 1869	June 29, 1872	...	...	...	160	
14	„ Thomas Shaw, L. s. ...	Ditto	4th Division, N. W. P.	Apl. 21, 1869	May 1, 1873	...	...	...	160	
15	„ William Henry Penrose ...	Ditto	2nd or Ahmednuggur Divn., Bombay	Aug. 11, 1869	June 4, 1873	...	...	...	160	Exclusive of full-scale local allowance, Rs. 19-3-2.
PROBATIONARY ASST. REVENUE SURVEYORS.										
4TH GRADE—SALARY Rs. 120.										
1	Mr. Edmund James Martin ...	Probationary Asst. Revenue Surveyor, 4th grade.	3rd Division, N. W. P.	Sept. 16, 1867	Aug. 1, 1870	...	...	...	120	
2	„ William Dease Corbett ...	Ditto	4th Division, N. W. P.	Dec. 1, 1868	Ditto	...	...	...	120	
3	„ George Edwin Parker ...	Ditto	3rd Division, L. P.	Nov. 18, 1870	Nov. 18, 1870	...	...	...	120	
4	„ George Campbell ...	Ditto	4th Division, N. W. P.	Jan. 1, 1864	Mar. 1, 1871	...	...	...	120	
5	„ John Murphy ...	Ditto	2nd Division, N. W. P.	Nov. 1, 1871	Nov. 1, 1871	...	...	...	120	
6	„ Charles Wyatt Joseph Ford ...	Ditto	1st Division, N. W. P.	Ditto	Ditto	...	...	...	120	
7	„ Arthur William Smart ...	Ditto	3rd Division, N. W. P.	Dec. 1, 1871	Jan. 1, 1872	...	...	...	120	
8	„ George Hugh O'Donel ...	Ditto	1st Division, N. W. P.	July 23, 1872	July 23, 1872	...	...	...	120	
9	„ Henry George Young, H. S. ...	Ditto	2nd Division, N. W. P.	Feb. 16, 1872	Sept. 12, 1872	...	...	...	120	
10	„ Percival Edwin Heberlet ...	Ditto	1st Division, Bhawalpore	Aug. 9, 1871	Ditto	...	...	...	120	
11	„ Percy Sheels Ross ...	Ditto	Ditto ditto	Apl. 23, 1871	Nov. 1, 1872	...	...	...	120	
12	„ Bruce Macdonald Wilson ...	Ditto	3rd Division, L. P.	Feb. 1, 1872	Nov. 15, 1872	...	...	...	120	
13	„ Elliot Playfair Smyth Hill ...	Ditto	2nd Division, L. P.	Nov. 16, 1872	Nov. 16, 1872	...	...	...	120	Exclusive of Assam allowance, Rs. 40.
14	„ Edmund Hume Stephen Gasper ...	Ditto	3rd Division, L. P.	Ditto	Ditto	...	...	...	120	
15	„ Henry Charles Bradley ...	Ditto	N. W. Frontier	Apl. 1, 1873	Apl. 1, 1873	...	...	...	120	Exclusive of Rs. 10-12-9 half-scale local allowance, whilst in the field.
16	„ Richard Randall Dickenson ...	Ditto	1st or Nassik Division, Bombay	Apl. 1, 1872	Apl. 16, 1873	...	...	...	120	Exclusive of full-scale local allowance, Rs. 21-9-7.
17	„ Thomas Anderson ...	Ditto	2nd Division, C. P.	Apl. 17, 1873	Apl. 17, 1873	...	...	...	120	
18	„ Edward Bolderodi Montebello Drew ...	Ditto	2nd Division, N. W. P.	May 5, 1873	May 5, 1873	...	...	...	120	
Nos. 19 to 22.	} Vacant.									



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GENERAL LIST  
OF  
OFFICERS OF THE REVENUE SURVEY DEPARTMENT  
ON THE  
1st October 1873.

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## General List of Officers of the Revenue Survey

1	2	3	4	5	6	7	8
General Seniority No.	NAMES.	Passed in the Vernacular.	Age.	Rank.	Grade.	Salary.	Date of appointment to present grade.
			Y. M. D.			Rs.	
1	Mr. William Lane ...	...	52 0 6	Deputy Supdt. of Revenue Survey.	2nd Grade	900	Offg. from 10th Feb. 1871. Confirmed from 4th March 1873.
2	" James Campbell ...	...	45 9 0	Assistant Supdt. of Revenue Survey.	1st Grade	500	Nov. 29, 1867
3	" Robert Broughton Smart ...	...	46 7 13	Deputy Supdt. of Revenue Survey.	2nd Grade	900	Nov. 6, 1868
4	Col. Donald Campbell Vanrenen, B. A.	P. H.	51 4 15	Superintendent of Revenue Surveys, Lower Circle.	...	1,000	Mar. 11, 1867
5	Mr. George Henry Blyth ...	...	44 0 9	Revenue Surveyor	2nd Grade	400	Jan. 1, 1873
6	" Edward Loftie ...	...	45 11 25	Ditto ...	Ditto ...	400	Jan. 1, 1871
7	" George Housden ...	...	42 9 0	Ditto ...	1st Grade	500	July 1, 1867
8	" Charles David ...	...	45 9 15	Ditto ...	4th Grade	300	Jan. 1, 1873
9	" Edward Thomas Smith Johnson ...	...	45 5 17	Deputy Supdt. of Revenue Survey.	3rd Grade	700	July 5, 1870
10	" Henry Blaquiere Talbot ...	L. S.	44 11 20	Assistant Supdt. of Revenue Survey.	1st Grade	500	Sept. 12, 1870
11	" William Henry Patterson ...	...	34 7 14	Revenue Surveyor	Ditto ..	500	Jan. 1, 1871
12	Col. James Eardly Gastrell, s. c.	P. C.	54 8 29	Superintendent of Revenue Surveys, Upper Circle.	...	1,000	Mar. 11, 1867
13	Lt.-Col. John Macdonald, s. c.	P. H.	43 5 5	Deputy Supdt. of Revenue Survey.	1st Grade	800	April 1, 1866
14	" Frederick Cortlandt Anderson, s. c.	P. H.	46 3 23	Ditto ...	Ditto ...	800	April 1, 1868
15	Babu Huree Sing ...	...	43 7 0	Assistant Revenue Surveyor.	2nd Grade	200	April 1, 1871
16	Col. Henry Campbell Johnstone, c. B., s. c.	P. H.	50 3 4	Deputy Supdt. of Revenue Survey.	1st Grade	800	April 1, 1866
17	Mr. Charles William Campbell ...	...	42 5 9	Revenue Surveyor.	2nd Grade	400	July 1, 1870
18	" William Sinclair ...	...	35 0 23	Ditto ...	3rd Grade	350	April 1, 1869
19	" George Robert Buttress ...	...	33 2 15	Ditto ...	4th Grade	300	Oct. 31, 1873
20	" William Robert Vyall ...	...	34 9 17	Ditto ...	Ditto ...	300	April 1, 1869

## Department on the 1st October 1873.

9	10	11	12	13
Date of first appointment to the Department.	Period of service in present grade.	Period of service counting for pension.	Present Post.	REMARKS.
	Y. M. D.	Y. M. D.		
Feb. 10, 1837	2 7 19	35 7 27	2nd Division, Central Provinces.	Leaves counting as actual service under the old rules, vide Appendix B to Civil Pension Code, page 131. Sick leave from 11th September to 10th November 1842. Ditto ditto 15th December 1842 to 16th January 1843. Ditto, medical certificate, to Europe from 20th January 1843 to 9th June 1844. Ditto from 13th to 16th November 1846. * Ditto, medical certificate, to Europe from 21st May 1867 to 20th May 1868. <i>Periods of Deduction from Service.</i> Y. M. D. From 12th February to 20th October 1838, in consequence of resignation, vide Appendix B to Civil Pension Code 0 8 13 From 18th November to 4th December 1846, caused by transfer in travelling long distance to join new Office on abolition of old Office ... 0 0 17 * From 21st May to 11th August 1869, excess of medical certificate leave to Europe over 2 years allowed to count as service under the old rules of 1866, vide Appendix B to Civil Pension Code ... 0 2 2 0 11 22
Oct. 8, 1844	5 10 2	28 11 24	2nd Division, Bhawalpore	Officiating Deputy Superintendent, 3rd grade, and drawing Rs. 700 from 21st January 1873.
Sept. 21, 1846	4 10 25	26 1 9	4th Divn., North-Western Provinces.	Sick leave from 2nd May to 30th June 1848. Ditto ditto 26th Oct. 1848 to 20th January 1849. Ditto ditto 8th July 1857 to 13th January 1858. <i>Note.</i> —Absence without leave for three days in October 1853 was erroneously entered in list on the 1st Oct. 1872 against Mr. R. B. Smart's name.
Oct. 3, 1846	6 6 21	...	Calcutta.	
Dec. 1, 1846	1 9 0	26 5 0	Delhi and Hissar Division	Sick leave from 21st November 1870 to 20th April 1871.
Jan. 1, 1847	2 9 0	26 9 0	Ditto.	
Feb. 18, 1847	6 3 0	26 7 11	N. W. Frontier Division.	
Sept. 1, 1847	1 9 0	26 1 0	3rd Division, Lower Provinces.	
Oct. 13, 1847	3 2 27	25 11 19	3rd Division, N. W. Provinces.	
Dec. 1, 1848	3 0 19	24 10 0	Ditto.	
Dec. 1, 1851	2 9 0	21 0 0	1st Division, Lower Provinces.	Private affairs leave from 1st May to 31st Aug. 1862. Europe, leave on private affairs from 20th July 1872 to 18th January 1873.
Jan. 13, 1852	6 6 21	...	Calcutta.	
Sep. 10, 1852	7 6 0	...	.....	Europe, private affairs, for one year, from 6th July 1873.
Sep. 10, 1852	5 6 0	...	2nd Division, N. W. Provinces.	
Oct. 28, 1852	2 6 0	20 8 24	N. W. Frontier Division.	Sick leave from 21st July 1873.
May 27, 1853	7 6 0	...	Ditto.	...
Nov. 1, 1853	3 3 0	19 11 0	2nd Division, N. W. Provinces.	
Oct. 1, 1855	4 6 0	18 0 0	1st Division, N. W. Provinces.	
Nov. 1, 1855	0 11 0	16 8 17	1st Division, Central Provinces.	Sick leave from 9th to 23rd July 1868. Ditto ditto 3rd September 1868 to 30th October 1869.
June 13, 1856	4 6 0	17 3 18	1st Division, Lower Provinces.	



1 General Seniority No.	2 NAMES.	3 Passed in the Vernacular.	4 Age.			5 Rank.	6 Grade.	7 Salary.	8 Date of appointment to present grade.
			Y.	M.	D.				
21	Major Adrian Dennys Vanrenen, s. c. ...	P. H.	42	7	0	Deputy Supdt. of Revenue Survey.	2nd Grade	650	July 8, 1868
22	Mr. Frederick Grant ...	...	37	6	21	Revenue Surveyor	Ditto ...	400	April 1, 1872
23	„ Constantine Brownfield ...	L. S.	33	2	9	Ditto ...	3rd Grade	350	April 1, 1869
24	„ Robert Barclay ...	...	32	3	5	Ditto ...	Ditto ...	350	Jan. 1, 1871
25	Major Richard Edward Oakes, s. c. ...	P. H.	34	7	23	Deputy Supdt. of Revenue Survey.	2nd Grade	650	April 7, 1867
26	Mr. Frederick William Kelly ...	L. S.	40	1	20	Revenue Surveyor.	Ditto ...	400*	July 1, 1868
27	„ Patrick Augustus George Cowley ...	L. S.	31	9	0	Ditto ...	4th Grade	300	Oct. 1, 1871
28	„ George Rae ...	...	31	9	24	Ditto ...	Ditto ...	300	April 1, 1872
29	„ Thomas Wilfred Reilly ...	...	31	3	22	Ditto ...	Ditto ...	300	Nov. 1, 1872
30	Captain James Sconce, s. c. ...	P. H.	37	6	14	Deputy Supdt. of Revenue Survey.	2nd Grade	650	Nov. 6, 1868
31	Mr. Edwin Little ...	...	28	0	4	Assistant Revenue Surveyor.	1st Grade	250	Nov. 5, 1871
32	„ Peter Henry William Brady ...	...	29	11	10	Revenue Surveyor	4th Grade	300	Mar. 1, 1871
33	„ Samuel Mack Smylie ...	...	31	10	20	Ditto ...	Ditto ...	300	April 1, 1872
34	„ William Samuel Buttress ...	...	29	7	27	Ditto ...	Ditto ...	300	Oct. 1, 1872
35	„ James Stewart Pemberton ...	L. S.	30	3	8	Ditto ...	Ditto ...	300	April 1, 1872
36	„ Henry Ross Littlewood ...	...	29	11	10	Ditto ...	Ditto ...	300	April 1, 1872
37	Captain William Jackson Stewart, s. c. ...	P. H.	35	9	25	Assistant Supdt. of Revenue Survey.	1st Grade	375	April 20, 1871
38	Major Donald Macdonald, s. c. ...	P. H.	37	10	6	Deputy Supdt. of Revenue Survey.	3rd Grade	500	April 1, 1866
39	Mr. William Alexander Wilson ...	L. S.	30	4	27	Revenue Surveyor	4th Grade	300	April 1, 1872
40	„ Andrew John Gibson ...	...	31	6	15	Assistant Revenue Surveyor.	1st Grade	250	Oct. 1, 1870
41	Captain Fitzherbert Coddington, s. c. ...	P. H.	35	4	23	Deputy Supdt. of Revenue Survey.	3rd Grade	500	July 26, 1867
42	„ John Henry Willoughby Osborne, late 44th N. I.	P. H.	33	2	24	Ditto ...	Ditto ...	500	April 1, 1870
43	Mr. John Allan Swyny ...	L. S.	28	10	0	Assistant Revenue Surveyor.	1st Grade	250	April 1, 1871
44	Captain William Barron, s. c. ...	P. H.	35	9	0	Deputy Supdt. of Revenue Survey.	3rd Grade	500	April 1, 1870
45	„ Henry Charles Baskerville Tanner, s. c.	P. H.	38	3	0	Ditto ...	Ditto ...	500	April 1, 1870

9 Date of first appointment to the Department.	10 Period of service in present grade.			11 Period of service counting for pension.			12 Present Post.	13 REMARKS.
	Y.	M.	D.	Y.	M.	D.		
July 8, 1856	7	2	24	...	...	...	1st Division, N. W. Provinces.	Officiating Deputy Superintendent, 1st grade, and drawing Rs. 800 staff pay from 6th July 1873.
July 11, 1856	1	6	0	17	2	21	1st Division, Central Provinces.	
Sept. 20, 1856	4	6	0	17	0	11	4th Division, N. W. Provinces.	
Sept. 20, 1856	2	9	0	15	7	2	1st Division, Bhawalpore	Private affairs furlough to Europe from 11th December 1867 to 8th December 1868. Sick leave from 9th November 1869 to 18th April 1870.
April 7, 1858	6	5	24	...	...	...	1st Division, Central Provinces.	
Aug. 17, 1858†	4	3	0	15	1	15	Superintendent of Revenue Surveys' Office, Calcutta.	* Exclusive of personal allowance of Rs. 100. † Commencement of second service.
Sept. 1, 1859	2	0	0	14	1	0	3rd Division, N. W. Provinces.	
Sept. 1, 1859	1	6	0	14	1	0	1st Division, Central Provinces.	
Oct. 18, 1859	0	11	0	13	10	2	2nd or Ahmednuggur Division, Bombay.	Absent without leave from 20th January to 28th February 1861.
Oct. 21, 1859	4	10	0	...	...	...	.....	Europe, private affairs, for two years, from 28th March 1872.
Jan. 1, 1860	1	10	26	13	9	0	4th Division, N. W. Provinces.	
Feb. 1, 1860	2	7	0	13	8	0	Superintendent of Revenue Surveys' Office, Calcutta.	
July 24, 1860	1	6	0	13	2	8	2nd or Ahmednuggur Division, Bombay.	
Sept. 1, 1860	1	0	0	13	1	0	N. W. Frontier Division.	
Oct. 6, 1860	1	6	0	12	11	21	Delhi and Hissar Division	Overstayed privilege leave by five days in June 1869.
Oct. 6, 1860	1	6	0	12	11	26	2nd Division, Central Provinces.	
Oct. 8, 1860	2	5	11	...	...	...	2nd Division, N. W. Provinces.	
Dec. 19, 1860	7	6	0	...	...	...	Delhi and Hissar Division	Europe, private affairs, for two years, from 18th January 1872.
Jan. 1, 1861	1	6	0	12	9	0	2nd Division, Bhawalpore	
May 1, 1861	3	0	0	12	4	27	1st Division, Bhawalpore	Absent without leave three days in January 1866.
Jan. 17, 1862	6	2	6	...	...	...	1st or Nassik Division, Bombay.	Officiating in the 2nd grade, and drawing Rs. 650 from 23rd April 1872.
Jan. 28, 1862	3	6	0	...	...	...	2nd Division, Lower Provinces.	On sick leave from 21st January to 26th March 1873. Europe, m. c., for one year, from 27th March 1873.
Feb. 13, 1862	2	6	0	11	7	16	Ditto.	
June 27, 1862	3	6	0	...	...	...	N. W. Frontier Division.	Officiating Deputy Superintendent, 2nd grade, and drawing Rs. 650 staff pay from 6th July 1873.
Oct. 10, 1862	3	6	0	...	...	...	2nd or Ahmednuggur Division, Bombay.	

1 General Seniority No.	2 NAMES.	3 Passed in the Vernacular.	4 Age.			5 Rank.	6 Grade.	7 Salary. Rs.	8 Date of appointment to present grade.	9 Date of first appointment to the Department.	10 Period of service in present grade.			11 Period of service counting for pension.			12 Present Post.	13 REMARKS.
			Y.	M.	D.						Y.	M.	D.	Y.	M.	D.		
46	Mr. Henry Dowman ...	...	27	4	5	Assistant Revenue Surveyor.	1st Grade	250	Oct. 16, 1871	Oct. 16, 1862	1	11	16	10	11	7	2nd Division, Bhawalpore	Absent without leave three days, and on sick leave for two days in October 1865. Sick leave for four days in December 1865. Ditto from 11th to 16th December 1866.
47	„ Henry Townsend Hanby ...	...	26	11	27	Ditto ...	Ditto ...	250	Nov. 13, 1871	Nov. 13, 1862	1	10	18	10	10	18	1st Division, N. W. Provinces.	
48	„ Edward Clifford Barrett ...	H. S.	30	6	1	Assistant Supdt. of Revenue Survey.	2nd Grade	350	Dec. 30, 1868	Nov. 18, 1862	4	9	2	10	9	13	4th Division, N. W. Provinces.	Sick leave for one month from 20th June 1869. Officiating Assistant Superintendent, 1st grade, and drawing Rs. 500 from 6th July 1873.
49	„ Alexander Macdonald Lawson ...	L. S.	34	9	14	Revenue Surveyor	4th Grade	300	May 1, 1870	Nov. 18, 1862	0	5	0	10	10	13	1st or Nassik Division, Bombay.	
50	„ Lawrence Graham Hill ...	...	43	1	15	Assistant Revenue Surveyor.	1st Grade	250	Jan. 1, 1871	Nov. 18, 1862	2	9	0	10	7	24	1st Division, Bhawalpore	Sick leave from 10th February to 30th April 1871.
51	Captain David Clapham Andrew, s. c. ...	P. H.	32	6	28	Assistant Supdt. of Revenue Survey.	Ditto ...	375	Dec. 30, 1868	Dec. 30, 1862	6	9	2	...	...	...	1st Division, Bhawalpore	Officiating as Deputy Superintendent, 3rd grade, and drawing Rs. 500 from 10th August 1870.
52	„ William Henry Wilkins, s. c. ...	P. H.	32	0	10	Ditto ...	Ditto ...	375	April 27, 1867	April 27, 1863	6	5	4	...	...	...	Delhi and Hissar Division	Officiating as Deputy Superintendent, 3rd grade, and drawing Rs. 500 from 28th March 1872.
53	Mr. George Latley Scott ...	...	29	2	15	Assistant Revenue Surveyor.	Ditto ...	250	Dec. 15, 1871	May 1, 1863	1	9	17	10	5	0	1st Division, Lower Provinces.	
54	„ John Thomas Uniacke Coxen ...	...	33	1	7	Ditto ...	Ditto ...	250	April 1, 1871	May 16, 1863	2	6	0	10	4	16	.....	On special duty, Cachar Tea Grant Survey.
55	„ Thomas Dearman Moran ...	...	26	11	15	Ditto ...	2nd Grade	200	Aug. 3, 1868	Aug. 3, 1863	4	1	29	10	1	29	.....	Temporarily transferred to Cooch Behar Khusrah Survey from 1st June 1871.
56	„ John Nathaniel Stoelké ...	...	28	9	0	Ditto ...	1st Grade	250	Aug. 3, 1872	Aug. 3, 1863	1	1	29	10	0	0	2nd Division, Central Provinces.	Private affairs leave from 8th September to 30th October 1870.
57	„ James Hoppner O'Donel ...	...	28	3	0	Ditto ...	Ditto ...	250	Oct. 1, 1872	Oct. 1, 1863	1	0	0	10	0	0	3rd Division, N. W. Provinces.	
58	„ John Newland ...	...	36	2	11	Ditto ...	2nd Grade	200	June 29, 1871	Oct. 22, 1863	2	3	2	9	11	10	1st or Nassik Division, Bombay.	
59	„ Phillip Ford ...	...	27	10	9	Ditto ...	1st Grade	250	June 4, 1873	Dec. 15, 1863	0	3	27	9	9	12	Delhi and Hissar Division.	Absent without leave one day, and on sick leave for four days in October 1865.
60	Captain Edward Walker Samuells, s. c. ...	P. H.	31	3	9	Assistant Supdt. of Revenue Survey.	Ditto ...	375	Jan. 25, 1869	Dec. 17, 1863	5	8	7	...	...	...	2nd Division, Lower Provinces.	Officiating as Deputy Superintendent, 3rd grade, and drawing Rs. 500 staff pay from 6th July 1873.
61	Mr. James Todd ...	...	30	5	4	Revenue Surveyor..	3rd Grade	350	Jan. 1, 1872	Dec. 27, 1863	1	9	0	9	9	5	Ditto.	
62	„ George Campbell ...	...	24	3	4	Probationary Asst. Revenue Surveyor	4th Grade	120	Mar. 1, 1871	Jan. 1, 1864	2	7	0	9	9	0	4th Division, N. W. Provinces.	
63	„ Robert Boddington Smart ...	...	26	3	17	Assistant Revenue Surveyor.	2nd Grade	200	Jan. 1, 1871	Jan. 1, 1864	2	9	0	9	9	0	N. W. Frontier Division.	
64	„ Daniel Arthur King ...	...	26	11	11	Ditto ...	Ditto ...	200	Dec. 15, 1870	April 12, 1864	2	9	17	9	5	19	4th Division, N. W. Provinces.	
65	„ Edwin James Jackson ...	L. S.	29	9	15	Assistant Supdt. of Revenue Survey.	Ditto ...	350	Nov. 5, 1868	Sept. 26, 1864	4	10	26	7	4	10	2nd Division, Lower Provinces.	Sick leave from 4th July to 3rd August 1867. Ditto from 19th August to 30th November 1867. Europe, medical certificate, from 30th July 1871 to 10th November 1872.
66	Capt. John Edward Sandeman, s. c. ...	P. H.	30	0	29	Ditto ...	1st Grade	375	Oct. 6, 1868	Oct. 6, 1864	4	11	26	...	...	...	3rd Division, Lower Provinces.	
67	Mr. Charles Walter Franklin Seyers ...	...	30	2	0	Asst. Revenue Surveyor.	3rd Grade	160	Oct. 1, 1871	Dec. 1, 1864	2	0	0	8	10	0	1st Division, Central Provinces.	
68	„ Edward Wrafter Lincoln ...	...	25	3	13	Ditto ...	2nd Grade	200	Feb. 15, 1871	Feb. 15, 1865	2	7	14	8	7	8	1st Division, Lower Provinces.	Overstayed privilege leave by six days in December 1871.
69	„ James Connor ...	...	26	1	9	Ditto ...	Ditto ...	200	Feb. 15, 1871	Feb. 15, 1865	2	7	14	8	7	14	Supdt. of Revenue Surveys' Office, Calcutta.	
70	„ Thomas Henry Dunne ...	...	25	9	20	Ditto ...	Ditto ...	200	Feb. 15, 1871	Feb. 15, 1865	2	7	14	8	7	3	Ditto ...	Absent without leave one day, and on sick leave for ten days in October 1865.
71	„ William James Lane ...	...	26	4	20	Ditto ...	Ditto ...	200	April 24, 1871	Mar. 1, 1865	2	5	7	8	2	21	2nd Division, Central Provinces.	Sick leave from 19th May to 8th July 1865. Ditto ditto 7th August to 23rd October 1866.

1 General Seniority No.	2 NAMES.	3 Passed in the Vernacular.	4 Age.			5 Rank.	6 Grade.	7 Salary. Rs.	8 Date of appointment to present grade.
			Y.	M.	D.				
72	Mr. George Bartlett Youngs ...	...	25	9	7	Assistant Revenue Surveyor.	3rd Grade	160	Nov. 1, 1868
73	„ Thomas Patterson ...	...	25	3	13	Ditto ...	2nd Grade	200	Jan. 1, 1872
74	Capt. Henry Lees Smith, S. C. ...	P. H.	34	7	3	Assistant Supdt. of Revenue Survey.	1st Grade	375	June 18, 1870
75	Mr. Richard Cunningham Dundee Ewing ...	L. S.	25	4	5	Assistant Revenue Surveyor.	2nd Grade	200	Sept. 9, 1872
76	„ William James Smith ...	...	25	3	4	Ditto ...	3rd Grade	160	April 1, 1871
77	„ George Wilson Jarbo ...	...	26	1	0	Ditto ...	2nd Grade	200	Nov. 1, 1872
78	„ Gordon Henry Cooke ...	L. S.	28	10	16	Assistant Supdt. of Revenue Survey.	Ditto ...	350	May 10, 1871
79	Capt. Samuel Hunter Cowan, S. C. ...	P. H.	32	1	1	Ditto ...	Ditto ...	250	Mar. 17, 1868
80	Mr. James Reid Scott ...	L. S.	24	7	12	Assistant Revenue Surveyor.	2nd Grade	200	May 1, 1870
81	„ Charles Walker Wilson ...	...	27	11	7	Ditto ...	3rd Grade	160	Oct. 1, 1870
82	„ John McHatton ...	L. S.	23	2	29	Ditto ...	2nd Grade	200	July 1, 1870
83	Capt. Henry Stephen Hutchinson, S. C. ...	P. H.	33	6	5	Assistant Supdt. of Revenue Survey.	Ditto ...	250	Aug. 13, 1868
84	Mr. Edmund James Martin ...	...	22	8	0	Proby. Asst. Rev. Surveyor.	4th Grade	120	Aug. 1, 1870
85	„ Septimus Oswald Madras ...	...	23	2	1	Assistant Revenue Surveyor.	3rd Grade	160	July 6, 1871
86	Capt. Reginald Beavan, S. C. ...	P. H.	29	0	26	Assistant Supdt. of Revenue Survey.	2nd Grade	250	Nov. 9, 1868
87	Mr. Thomas Frederick Freeman ...	L. S.	22	7	12	Assistant Revenue Surveyor.	3rd Grade	160	Sept. 9, 1871
88	„ James O'Toole ...	...	22	8	7	Ditto ...	Ditto ...	160	Mar. 10, 1872
89	„ George Carleton Swiney ...	...	24	3	19	Ditto ...	Ditto ...	160	Sept. 17, 1871
90	„ Alfred Collimore Wilson Lemarchand ...	...	22	11	0	Assistant Revenue Surveyor.	3rd Grade	160	Nov. 2, 1871
91	„ John Murphy ...	...	21	3	4	Proby. Asst. Rev. Surveyor.	4th Grade	120	Nov. 1, 1871
92	„ William Dease Corbett ...	...	23	4	15	Ditto ...	Ditto ...	120	Aug. 1, 1870
93	„ John Sidney Swiney ...	...	22	9	27	Assistant Revenue Surveyor.	3rd Grade	160	Jan. 5, 1872
94	Capt. Edward Harris Steel, S. C. ...	H. S.	32	5	11	Assistant Supdt. of Revenue Survey.	2nd Grade	250	May 20, 1869
95	Mr. George Latter Rodway Scott ...	L. S.	22	5	0	Assistant Revenue Surveyor.	3rd Grade	160	Mar. 1, 1872
96	„ William Joseph Lincoln ...	...	22	1	7	Ditto ...	Ditto ...	160	April 1, 1872
97	„ Benjamin Anderson ...	...	22	5	0	Ditto ...	Ditto ...	160	June 29, 1872

9 Date of first appointment to the Department.	10 Period of service in present grade.			11 Period of service counting for pension.			12 Present Post.	13 REMARKS.
	Y.	M.	D.	Y.	M.	D.		
Jan. 1, 1866	3	11	0	7	8	14	1st Division, Central Provinces.	Overstayed privilege leave by four days in October 1868. Absent without leave two days in July 1872.
Mar. 6, 1866	1	9	0	6	6	26	1st Divn., North-Western Provinces.	Private affairs leave to Europe without pay for one year, from 15th July 1870.
Mar. 26, 1866	3	3	14	...	...	...	1st Division, North-Western Provinces.	
June 9, 1866	1	0	22	7	3	22	2nd Division, Lower Provinces.	
Sept. 1, 1866	2	6	0	7	1	0	N. W. Frontier Division...	
Nov. 1, 1866	0	11	0	6	10	15	2nd Division, North-Western Provinces.	Sick leave for 15 days, from 26th May to 9th June 1869.
Dec. 6, 1866	2	4	22	6	9	26	...	On special duty Nynee Tal.
Jan. 19, 1867	5	6	15	...	...	...	1st Division, Lower Provinces.	Offg. as Assistant Superintendent, 1st grade, and drawing Rs. 375 staff pay from 8th May 1872.
Jan. 19, 1867	0	5	0	6	8	13	2nd Division, North-Western Provinces.	
June 21, 1867*	3	0	0	5	10	10	4th Division, North-Western Provinces.	* Commencement of second service. Sick leave for three months, from 1st March 1869. Ditto for two months, from 1st August 1869.
July 1, 1867	0	3	0	6	3	0	2nd Division, Central Provinces.	
Aug. 13, 1867	5	1	19	...	...	...	2nd or Ahmednuggur Division, Bombay.	Offg. as Assistant Superintendent, 1st grade, and drawing Rs. 375 staff pay from 27th March 1873.
Sept. 16, 1867	3	2	0	6	0	15	3rd Division, North-Western Provinces.	
July 6, 1868	2	2	26	5	2	26	2nd Division, Bhawalpore.	
July 17, 1868	3	10	22	...	...	...	1st Division, Central Provinces.	
Sept. 9, 1868	2	0	22	5	0	22	2nd Division, Lower Provinces.	
Sept. 10, 1868	1	6	22	5	0	21	1st Division, Lower Provinces.	
Sept. 17, 1868	2	0	14	5	0	14	3rd Division, Lower Provinces.	
Nov. 2, 1868	1	10	29	4	10	29	1st or Nassik Division, Bombay.	
Nov. 22, 1868	1	11	0	4	10	9	2nd Division, North-Western Provinces.	
Dec. 1, 1868	3	2	0	4	10	0	4th Division, North-Western Provinces.	
Jan. 5, 1869	1	8	27	4	8	27	3rd Division, North-Western Provinces.	
Jan. 26, 1869†	4	4	12	...	...	...	N. W. Frontier Division...	† Commencement of second service.
Mar. 1, 1869	1	7	0	4	7	0	3rd Division, North-Western Provinces.	
April 1, 1869	1	6	0	4	6	0	1st Division, North-Western Provinces.	
April 20, 1869	1	3	2	4	5	11	2nd Division, North-Western Provinces.	

1 General Seniority No.	2 NAMES.	3 Passed in the Vernacular.	4 Age.			5 Rank.	6 Grade.	7 Salary. Rs.	8 Date of appointment to present grade.	9 Date of first appointment to the Department.	10 Period of service in present grade.			11 Period of service counting for pension.			12 Present Post.	13 REMARKS.	
			Y.	M.	D.						Y.	M.	D.	Y.	M.	D.			
98	Mr. Thomas Shaw	...	L. S.	20	11	0	Asst. Rev. Surveyor	3rd Grade	160	May 1, 1873	April 21, 1869	0	5	0	4	5	10	4th Division, North-Western Provinces.	
99	„ Henry Eardly Gastrell	...	L. S.	24	7	23	Assistant Supdt. of Revenue Survey.	2nd Grade	350	April 26, 1870	April 26, 1869	3	5	5	4	5	5	3rd Division, Lower Provinces.	
100	„ William Henry Penrose	...	...	22	0	9	Asst. Rev. Surveyor	3rd Grade	160	June 4, 1873	Aug. 11, 1869	0	3	27	4	1	21	2nd or Ahmednuggur Division, Bombay.	
101	„ Arthur David Smart	...	...	43	0	2	Revenue Surveyor	Ditto ...	350	Oct. 1, 1870	Oct. 1, 1870*	3	0	0	3	0	0	3rd Division, Lower Provinces.	* Commencement of second service.
102	„ George Edwin Parker	...	...	23	8	3	Proby. Asst. Rev. Surveyor.	4th Grade	120	Nov. 18, 1870	Nov. 18, 1870	2	10	13	2	10	13	3rd Division, Lower Provinces.	
103	Captain Llewelyn Wavell, s. c.	...	P. H.	31	10	16	Assistant Supdt. of Revenue Survey.	2nd Grade	250	Jan. 27, 1872	Jan. 27, 1871	1	8	5	...	...	...	Delhi and Hissar Division.	
104	Lieut. Gerald Ward Martin, 98th Foot...	...	H. S.	26	4	17	Asst. Supdt. of Rev. Survey.	Ditto ...	250	Jan. 17, 1873	Mar. 24, 1871	0	8	15	...	...	...	1st or Nassik Division, Bombay.	
105	Mr. Percy Sheels Ross	...	...	18	9	0	Proby. Asst. Rev. Surveyor.	4th Grade	120	Nov. 1, 1872	April 23, 1871	0	11	0	2	5	8	1st Division, Bhawalpore.	
106	„ Percival Edwin Heberlet	...	...	19	2	16	Ditto ...	Ditto ...	120	Sept. 12, 1873	Aug. 9, 1871	1	0	19	2	1	23	1st Division, Bhawalpore.	
107	„ Charles Wyatt Joseph Ford	...	...	19	6	21	Ditto ...	Ditto ...	120	Nov. 1, 1871	Nov. 1, 1871	1	11	0	1	11	0	1st Division, North-Western Provinces.	
108	„ Arthur William Smart	...	...	22	7	16	Ditto ...	Ditto ...	120	Jan. 1, 1872	Dec. 1, 1871	1	9	0	1	10	0	3rd Division, North-Western Provinces.	
109	Lieut. Alexander James Corse Scott, s. c.	...	H. S.	25	1	23	Asst. Supdt. of Rev. Survey.	2nd Grade	250	Jan. 17, 1873	Jan. 17, 1872	0	8	15	...	...	...	1st Division, Bhawalpore.	
110	Mr. Bruce Macdonald Wilson	...	...	25	5	17	Proby. Asst. Rev. Surveyor.	4th Grade	120	Nov. 15, 1872	Feb. 1, 1872	0	10	16	1	8	0	3rd Division, Lower Provinces.	
111	„ Henry George Young	...	H. S.	22	5	19	Ditto ...	Ditto ...	120	Sept. 1, 1872	Feb. 16, 1872	1	1	0	1	7	14	2nd Division, North-Western Provinces.	
112	„ George Hugh O'Donel	...	...	26	2	3	Ditto ...	Ditto ...	120	July 23, 1873	July 23, 1872†	1	2	9	1	2	9	3rd Division, North-Western Provinces.	† Commencement of second service.
113	„ Elliot Playfair Smyth Hill	...	...	19	3	17	Ditto ...	Ditto ...	120	Nov. 16, 1873	Nov. 16, 1872	0	10	15	0	10	15	2nd Division, Lower Provinces.	
114	„ Edmund Hume Stephen Gasper	...	...	19	10	16	Ditto ...	Ditto ...	120	Nov. 16, 1872	Nov. 16, 1872	0	10	15	0	10	15	3rd Division, Lower Provinces.	
115	„ Richard Randall Dickenson	...	...	22	2	6	Ditto ...	Ditto ...	120	April 16, 1873	April 1, 1872	0	5	15	1	6	0	1st or Nassik Division (Bombay).	
116	„ Henry Charles Bradley	...	...	21	10	10	Ditto ...	Ditto ...	120	April 1, 1873	April 1, 1873	0	6	0	0	6	0	N. W. Frontier.	
117	„ Thomas Anderson	...	...	20	3	6	Ditto ...	Ditto ...	120	April 17, 1873	April 17, 1873	0	5	14	0	5	14	2nd Division, Central Provinces.	
118	„ Edward Bolderodi Montebello Drew	...	...	19	5	10	Ditto ...	Ditto ...	120	May 5, 1873	May 5, 1873	0	4	27	0	4	27	2nd Division, North-Western Provinces.	



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DISPOSITION LIST  
OF  
OFFICERS OF THE REVENUE SURVEY DEPARTMENT  
ON THE  
1st October 1873.

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Number of Party.	Where employed.	STRENGTH OF SUBORDINATE DEPARTMENT OF ALL GRADES.							Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months in square miles.
		Surveyors.	Asst. Surveyors, &c.	Sub-Surveyors, &c.	Leveler.	Chainmen, or measurers.	Native Doctor.	Burkundazes.		
1st Division, Lower Provinces.	District Durrung ...	2	3	24	...	111	1	12	1,182 Sq. miles	1,470 Sq. miles
2nd Ditto ...	District Luckimpore ...	1	4	15	...	115	1	11	1,259 "	Detail survey ... 270 Boundary " ... 91 Total ... 361
3rd Ditto ...	District Midnapore and Sub-Division of Hijilee.	2	4	36	...	265	1	13	692 Sq. miles, also detail survey on the 16-inch scale of 15 sq. miles of Punchanogram and along the Hooghly River from Hooghly Station to Botanical Gardens and triangulation of Hooghly River with over-lap survey of 1/2 mile inland in District 24-Pergunnahs.	968 Sq. miles
1st Division, Central Provinces.	District Betul ...	3	2	35	...	200	1	13	1,012 Sq. miles also 22 Sq. miles of Punchmarce cantonment on the scale 16"=1 mile.	Boundary Interior ... 1,170 Sq. miles ... 1,080
2nd Ditto ...	District Bilaspore ...	1	4	27	...	200	1	13	Mouzahwar ... 695 Topographical ... 1,214 Total ... 1,909	Mouzahwar only ... 1,267
1st or Nassik Division, Bombay.	Ahmednuggur and Nassik Collectorate.	1	3	14	...	130	1	10	116 Sq. miles on 8" scale 35 " on 2" "	Detail survey ... 1,005 Boundary ... 1,185 Triangulation ... 1,200
2nd or Ahmednuggur Division, Bombay.	Ahmednuggur and Poona, Districts.	2	1	16	...	77	...	10	Survey organized during the present year.	Detail survey ... 650
1st Division, N. W. Provinces.	District Moradabad ...	1	5	30	1	168	1	15	<i>Cadastral Survey.</i> Sq. miles. Boundary ... 508 Cadastral ... 426 Leveling, L. miles 1,125	Boundary survey ... 935 Cadastral ... 680 Leveling, L. miles... 610
2nd Ditto ...	District Muttra ...	1	5	25	1	250	...	17	Cadastral ... 471 Leveling R. miles 254	Cadastral ... 625 Boundary survey ... 236 Total ... 861 Leveling, R. miles... 651

Annual cost of Party.	Officers in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs. 63,556	Captain S. H. Cowan, s. c. ...	79	Assistant Supdt. of Revenue Survey, 2nd grade, Offg. in 1st grade.	Jan. 18, 1873.	
72,122	Captain E. W. Samuells, s. c. ...	60	Asst. Supdt. of Revenue Survey, 1st grade, Offg. as Deputy Supdt., 3rd grade.	Feb. 13, 1873.	
	E. J. Jackson, Esq. ...	65	Asst. Supdt. of Revenue Survey, 2nd grade.	Dec. 1, 1872.	
61,461	Captain J. E. Sandeman, s. c. ...	66	Ditto ditto, 1st grade	Mar. 21, 1873.	
	H. E. Gastrell, Esq. ...	99	Ditto ditto, 2nd grade	Nov. 1, 1871.	
69,518	Major R. E. Oakes, s. c. ...	25	Deputy Supdt. of Revenue Survey, 2nd grade.	Nov. 1, 1872.	
	Captain R. Beavan, s. c. ...	86	Asst. Supdt. of Revenue Survey, 2nd grade.	Nov. 29, 1872.	
51,052	W. Lane, Esq. ...	1	Deputy Supdt. of Revenue Survey, 2nd grade.	Nov. 16, 1872.	
57,336	Captain F. Coddington, s. c. ...	41	Deputy Supdt. of Revenue Survey, 3rd grade, Offg. in 2nd grade.	Nov. 1, 1871.	
	Lieut. G. W. Martin, 88th Foot	104	Proby. Asst. Supdt. of Revenue Survey, 2nd grade.	Feb. 1, 1873.	
55,407	Captain H. C. B. Tanner, s. c. ...	45	Deputy Supdt. of Revenue Survey, 3rd grade.	Oct. 1, 1872.	
	Captain H. S. Hutchinson, s. c.	83	Asst. Supdt. of Revenue Survey, 2nd grade, Offg. in 1st grade.	Oct. 1, 1872.	
Prof. 65,615 Leveling 3,563	Major A. D. Vaurenen, s. c. ...	21	Deputy Supdt. of Revenue Survey, 2nd grade, Offg. in 1st grade.	Oct. 1, 1868	This party has been employed in the cadastral survey of Moradabad District for the extra expenses of which an additional sum of Rs. 26,000 has been allotted: 127 field surveyors and 112 chainmen are employed on it.
	Captain H. L. Smith, s. c. ...	74	Asst. Supdt. of Revenue Survey, 1st grade.	Feb. 20, 1873.	
Prof. 67,575 Leveling 3,781	Lieut. Col. F. C. Anderson, s. c.	14	Deputy Supdt. of Revenue Survey, 1st grade.	Nov. 1, 1871	This party has been employed in the cadastral survey of Muttra District for the extra expenses of which an additional sum of Rs. 26,000 has been allotted: 187 field surveyors and 159 chainmen are employed on it.

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE DEPARTMENT OF ALL GRADES.							Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months in square miles.
		Surveyors.	Asst. Surveyors.	Sub-Surveyors, &c.	Leveler.	Chainmen, or measurers.	Native Doctor.	Burkundazes.		
3rd Division, N. W. Provinces.	District Agra ...	1	5	31	1	272	1	17	Survey organized during the present year.	Sq. miles. Cadastral work completed ... 304 Boundary work in advance ... 348 Total ... 652 Leveling R. miles ... 674
4th Ditto ...	District Humeerpoor ...	1	5	26	1	262	1	28	Ditto ditto ...	Boundary survey ... 780 Interior field survey 370 Leveling ... 234
Delhi and Hissar Division.	District Kurnal ...	3	2	36	...	176	1	15	Mouzahwar ...	Sq. miles. (a) 967 1,150 Sq. miles ...
N. W. Frontier Division.	Districts Derah Ghazi Khan and Derah Ishmail Khan, Punjab.	2	4	25	3	150	1	11	Mouzahwar 1,398 Sq. miles, also cantonment of Rajunpoor on 12" scale, besides 1,400 sq. miles of frontier hills on 1" scale.	Sq. miles. River and village boundary completed ... 1,768 M. C. Boundary ... 383 Interior survey ... 1,916 Levels, L. miles ... 636
1st Division, Bhaulpore.	Bhawulpore State, Punjab	1	4	23	...	200	1	14	Mouzahwar 731 Sq. miles, also topographical on 2" scale of 1,181 sq. miles, besides boundary work in District Jacobabad of 1874 sq. miles.	(a) Mouzahwar ... 702 Boundary in advance 598 Topographical ... 1,081
2nd Ditto ...	Ditto ...	1	2	14	...	113	1	8	Mouzahwar 712 Sq. miles, topographical 394, also 49 sq. miles of cantonments of Phillor and Mooltan on 12" scale: leveling 613 L. miles.	Topographical survey of desert completed ... 3,045 Preparatory ... 889 Revision ... 70

Annual cost of Party.	Officers in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs.	Captain W. J. Stewart, S. C. ...	37	Asst. Supdt. of Revenue Survey, 1st grade.	Nov. 24, 1871.	
59,658	E. T. S. Johnson, Esq. ...	9	Deputy Supdt. of Revenue Survey, 3rd grade.	Oct. 1, 1872	This party has been employed on the cadastral survey of Agra, for the extra expenses of which an additional sum of Rs. 26,000 has been allotted: 220 field surveyors and 290 chainmen are employed on it.
	H. B. Talbot, Esq. ...	10	Asst. Supdt. of Revenue Survey, 1st grade.	Jan. 1, 1873.	
Prof. 58,772 Leveling 2,235	R. B. Smart, Esq. ...	3	Deputy Supdt. of Revenue Survey, 2nd grade.	Sep. 19, 1872	This party has been employed on the Cadastral survey of Humeerpoor District, for the extra expenses of which an additional sum of Rs. 26,000 has been allotted: 164 field surveyors and 284 chainmen are employed on it.
	E. C. Barrett, Esq. ...	48	Asst. Supdt. of Revenue Survey, 2nd grade, Offg. in the 1st grade.	Oct. 1, 1872.	
56,179	Captain W. H. Wilkins, s. c. ...	52	Asst. Supdt. of Revenue Survey, 1st grade, Offg. as Depy. Supdt., 3rd grade.	Oct. 21, 1871.	
	Captain L. Wavell, s. c. ...	103	Asst. Supdt. of Revenue Survey, 2nd grade.	Nov. 1, 1872.	
70,914	Captain W. Barron, s. c. ...	44	Deputy Supdt. of Revenue Survey, 3rd grade, Offg. in 2nd grade.	April 17, 1871.	
	Captain E. H. Steel, s. c. ...	94	Asst. Supdt. of Revenue Survey, 2nd grade.	Nov. 15, 1871	
54,166	Captain D. C. Andrew, s. c. ...	51	Asst. Supdt. of Revenue Survey, 1st grade, Offg. as Depy. Supdt., 3rd grade.	Oct. 26, 1872.	(a) This is the average of two seasons.
	Lieutenant A. J. C. Scott, s. c. ...	109	Asst. Supdt. of Revenue Survey, 2nd grade.	Oct. 1, 1872.	
33,092	James Campbell, Esq. ...	2	Asst. Supdt. of Revenue Survey, 1st grade, Offg. as Depy. Supdt., 3rd grade.	Oct. 1, 1872.	





ALPHABETICAL LIST  
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Ryall, E. C. ... ..	64, 72, 81
Ryall, F. ... ..	66, 72, 85
Scott, R. ... ..	66, 72, ...
Thuillier, H. R., Captain ... ..	62, 72, ...
Todd, H. ... ..	66, 74, 81
Todd, W. ... ..	64, 72, ...
Torrens, C. P. ... ..	66, 74, 79
Trotter, H., Captain ... ..	62, 74, ...
Walker, J. T., Colonel ... ..	62, 72, ...
Wood, C. ... ..	64, 72, ...
Wood, J. ... ..	66, 72, 85
Wrixon, E. P. ... ..	66, 74, 89
Wyatt, E. N. ... ..	66, 74, 85

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1st October 1873.

ON THE

OFFICERS OF THE GREAT TRIGONOMETRICAL SURVEY OF INDIA

OF

CLASSIFIED LIST

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Number of Officers in each grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.	DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.					REMARKS.
				First Appointment to the Survey Department.	To present grade.	FOR MILITARY OFFICERS.			FOR CIVILIANS.		
						Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.		
						Rs. A. P.	Rs.	Rs. A. P.	Rs.		
<b>SENIOR BRANCH—continued.</b>											
<b>ASSISTANT SUPERINTENDENTS—contd.</b>											
<b>1st GRADE—contd.</b>											
4	Mr. W. H. Cole, M. A. ... ..	Asst. Superintendent, 1st grade ...	Computing Office, Head-Quarters ...	Jan. 3, 1867	Dec. 4, 1870	...	...	...	500		
5	Lieutenant A. Baird, Royal Engineers ... ..	Ditto ... ..	Bombay Tidal and Leveling Party	Dec. 4, 1868	Oct. 1, 1871	265 12 0	375	640 12 0	...		
6	" J. R. McCullagh, Royal Engineers ... ..	Ditto ... ..	Madras Party ... ..	Feb. 12, 1869	Jan. 1, 1872	265 12 0	375	640 12 0	...		
7	Mr. J. McGill ... ..	Ditto ... ..	Kattywar Party ... ..	Oct. 1, 1851	Apl. 1, 1873	...	...	...	500		
<b>2ND GRADE.</b>											
	Staff pay ... ..	Rs. 250									
	Maximum aggregate pay ... ..	750									
	Civil consolidated salary ... ..	350									
1	Mr. W. G. Beverley ... ..	Asst. Superintendent, 2nd grade ...	Assam Survey ... ..	July 1, 1854	Apl. 1, 1871	...	...	...	500	Offg. Asst. Supdt., 1st grade, draws Rs. 150 additional, having been a surveyor of the 1st grade before transfer to senior Branch.	
2	Lieutenant H. J. Harman, Royal Engineers ... ..	Ditto ... ..	No. 1 Extra Party ... ..	June 3, 1872	June 3, 1872	265 12 0	250	515 12 0	...	Offg. Asst. Supdt., 1st grade.	
3	Mr. E. C. Ryall ... ..	Ditto ... ..	Kumaon and Gurhwal Survey ... ..	Apl. 25, 1855	Apl. 1, 1873	...	...	...	500	Ditto ditto.	
4	Lieutenant St. G. C. Gore, B. E. ... ..	Ditto ... ..	Ditto ... ..	Apl. 11, 1873	Apl. 11, 1873	265 12 0	250	515 12 0			
5	" J. E. Gibbs, B. E. ... ..	Ditto ... ..	Guzerat Survey ... ..	Aug. 15, 1873	Aug. 15, 1873	265 12 0	250	515 12 0			
<b>JUNIOR BRANCH.</b>											
<b>SURVEYORS.</b>											
<b>1st GRADE—SALARY Rs. 500.</b>											
1	Mr. Harry Duhan ... ..	Surveyor, 1st grade ... ..	Corresponding Office ... ..	Apl. 22, 1845	Apl. 1, 1866	...	...	...	500	Personal Assistant to Superintendent.	
2	" H. Beverley ... ..	Ditto ... ..	Eastern Frontier Series ... ..	June 14, 1855	Apl. 1, 1871	...	...	...	500		
3	Vacant.										
4	Ditto.										
<b>2ND GRADE—SALARY Rs. 400.</b>											
1	Mr. J. Peyton ... ..	Surveyor, 2nd grade ... ..	Kumaon and Gurhwal Survey ... ..	Feb. 3, 1860	Oct. 1, 1867	...	...	...	400		
2	" A. W. Donnelly ... ..	Ditto ... ..	Brahmaputra Party ... ..	June 19, 1855	Apl. 1, 1871	...	...	...	400	Leave on medical certificate for 6 months.	
3	" C. J. Neville ... ..	Ditto ... ..	Ditto ... ..	Dec. 1, 1855	Oct. 1, 1871	...	...	...	400		
4	" L. H. Clarke ... ..	Ditto ... ..	Ditto ... ..	Nov. 26, 1855	Dec. 1, 1872	...	...	...	400		
5	" A. D'Souza ... ..	Ditto ... ..	Guzerat Survey ... ..	Feb. 19, 1856	Dec. 1, 1872	...	...	...	400		
<b>3RD GRADE—SALARY Rs. 350.</b>											
1	" W. Todd ... ..	Surveyor, 3rd grade ... ..	.....	Jan. 11, 1856	Sept. 1, 1869	...	...	...	350	On furlough.	
2	" J. Low ... ..	Ditto ... ..	Kumaon and Gurhwal Survey ... ..	Oct. 1, 1857	Apl. 1, 1871	...	...	...	350		
3	" C. Wood ... ..	Ditto ... ..	Computing Office ... ..	May 6, 1858	Ditto ... ..	...	...	...	350		
4	" H. E. T. Keelan ... ..	Ditto ... ..	Pendulum Party ... ..	Aug. 17, 1858	Apl. 1, 1872	...	...	...	350	Employed on Pendulum operations in England.	
5	" F. Bell ... ..	Ditto ... ..	Tidal and Leveling Party ... ..	Aug. 17, 1858	June 1, 1873	...	...	...	350		



*Classified List of Officers of the Great Trigonometrical*

Number of Officers in each grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.
<b>JUNIOR BRANCH</b> —concluded. ASSISTANT SURVEYORS—continued. 4TH GRADE,—SALARY Rs. 120.			
1	Mr. William Oldham	Asst. Surveyor, 4th grade	Jodhpore Series
2	„ J. C. Clancey	Ditto	Eastern Frontier Series
3	„ J. O. Hughes	Ditto	Assam Party
4	„ I. Pocock	Ditto	Kumaon and Gurhwal Survey
5	„ G. T. Hall	Ditto	Guzerat Survey
6	„ McCarthy	Ditto	Computing Office

*Survey as it stood on the 1st October 1873*—concluded.

DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.				REMARKS.
First Appointment to the Survey Department.	To present grade.	FOR MILITARY OFFICERS.			FOR CIVILIANS.	
		Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.	
		Rs. A. P.	Rs.	Rs. A. P.	Rs.	
Oct. 15, 1871	Oct. 15, 1871	...	...	...	120	
Sept. 30, 1872	Sept. 30, 1872	...	...	...	120	
Oct. 14, 1872	Oct. 14, 1872	...	...	...	120	
Oct. 18, 1872	Oct. 18, 1872	...	...	...	120	
Nov. 22, 1872	Nov. 22, 1872	...	...	...	120	
Aug. 1, 1873	Aug. 1, 1873	...	...	...	120	





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**GENERAL LIST**  
OF  
**OFFICERS OF THE GREAT TRIGONOMETRICAL SURVEY OF INDIA**  
ON THE  
1st October 1873.

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1	2	3	4	5	6	7	8
General Seniority No.	NAMES.	Passed in the Vernacular.	Age.	Rank.	Grade.	Salary.	Date of appointment to present grade.
			Y. M. D.			Rs. A. P.	
1	Mr. H. Keelan (Senior Branch)	Not passed...	56 0 11	Deputy Supdt. ...	3rd Grade	900 0 0	Apl. 1, 1868
2	" W. C. Rossenrode (Senior Branch).	Ditto ...	49 10 9	Ditto ...	Ditto ...	700 0 0	Apl. 1, 1869
3	" J. B. N. Hennessey (Senior Branch).	Ditto ...	44 2 0	Ditto ...	1st Grade	1,100 0 0	Apl. 1, 1868
4	" R. Scott	Ditto ...	51 7 23	Surveyor ...	4th Grade	300 0 0	Apl. 1, 1871
5	" Harry Daban	Ditto ...	46 8 22	Ditto ...	1st Grade	500 0 0	Apl. 1, 1868
6	" J. McGill (Senior Branch)	Ditto ...	42 11 9	Asst. Supdt. ...	Ditto ...	500 0 0	Apl. 1, 1873
7	Maj. T. G. Montgomerie, R. E.	Passed ...	43 4 23	Deputy Supdt. ...	Ditto ...	1,600 0 0	Mar. 24, 1854
8	Colonel J. T. Walker, R. E. ...	...	46 10 0	Superintendent ...	...	2,302 4 0	Mar. 12, 1861
9	Mr. W. G. Beverley (Senior Branch).	Not passed...	37 11 15	Asst. Supdt. ...	2nd Grade	500 0 0	Apl. 1, 1871
10	" E. C. Ryall (ditto)	Ditto ...	35 8 15	Ditto ...	Ditto ...	500 0 0	Apl. 1, 1873
11	" H. Beverley	Ditto ...	34 11 3	Surveyor ...	1st Grade	500 0 0	Apl. 1, 1871
12	" A. Donnelly	Ditto ...	34 1 18	Ditto ...	2nd Grade	400 0 0	Ditto ...
13	" L. H. Clarke	Ditto ...	39 3 26	Ditto ...	Ditto ...	400 0 0	Dec. 1, 1872
14	" C. J. Neuville	Ditto ...	39 3 12	Ditto ...	Ditto ...	400 0 0	Oct. 1, 1871
15	" W. Todd	Ditto ...	34 10 21	Ditto ...	3rd Grade	350 0 0	Sept. 1, 1869
16	" A. D'Souza	Ditto ...	36 1 17	Ditto ...	2nd Grade	400 0 0	Dec. 1, 1872
17	" J. Low	Ditto ...	33 7 0	Ditto ...	3rd Grade	350 0 0	Apl. 1, 1871
18	" C. Wood	Ditto ...	31 2 10	Ditto ...	Ditto ...	400 0 0	Ditto ...
19	" H. E. T. Keelan	Ditto ...	30 6 1	Ditto ...	Ditto ...	350 0 0	Apl. 1, 1872
20	" F. Bell	Ditto ...	31 5 6	Ditto ...	Ditto ...	350 0 0	June 1, 1873
21	Major B. R. Branfill, R. E. ...	Passed ...	39 10 8	Deputy Supdt. ...	2nd Grade	1,123 0 4	Oct. 1, 1871
22	Mr. F. Ryall	Not passed...	30 10 10	Surveyor ...	4th Grade	300 0 0	Apl. 1, 1872
23	Captain H. R. Thuillier, R. E. ...	Passed ...	35 6 5	Deputy Supdt. ...	1st Grade	1,233 10 0	July 18, 1871
24	Mr. G. Atkinson	Not passed...	29 11 20	Surveyor ...	4th Grade	350 0 0	Apl. 1, 1871
25	Major C. T. Haig, R. E. ...	Ditto ...	39 2 15	Deputy Supdt. ...	2nd Grade	1,083 10 0	Oct. 1, 1867
26	Captain J. Herschel, R. E. ...	Passed ...	35 11 1	Ditto ...	Ditto ...	1,083 10 0	Ditto ...
27	Mr. J. Peyton	Not passed...	45 8 2	Surveyor ...	Ditto ...	400 0 0	Ditto ...
28	" J. Wood	Lower Standard.	28 6 17	Ditto ...	4th Grade	300 0 0	Apl. 1, 1872
29	" G. Harris	Passed ...	31 1 25	Ditto ...	Ditto ...	300 0 0	June 1, 1873
30	" J. W. Mitchell	Not passed.	30 1 29	Asst. Surveyor ...	1st Grade	250 0 0	Apl. 1, 1871
31	Captain T. T. Carter, R. E. ...	Passed ...	35 7 22	Deputy Supdt. ...	2nd Grade	1,083 10 0	Oct. 1, 1871
32	Mr. H. Peychers	Not passed...	30 9 18	Asst. Surveyor ...	1st Grade	300 0 0	Apl. 1, 1871
33	" G. Belcham	Ditto ...	28 7 15	Ditto ...	Ditto ...	250 0 0	Ditto ...
34	Captain A. Pullan, R. E. ...	Passed ...	37 6 0	Assistant Supdt. ...	Ditto ...	749 1 6	Oct. 1, 1866
35	" W. M. Campbell, R. E.	Ditto ...	34 2 12	Deputy Supdt. ...	3rd Grade	933 10 0	Feb. 1, 1867
36	Mr. L. Pocock	Not passed...	30 5 5	Asst. Surveyor ...	1st Grade	250 0 0	Apl. 1, 1871

NOTE.—In this list the officers have been arranged according to their length of service in the Department, the officer who has been longest in the Department standing first on the list. Their dates of first appointment to Department (column 9), and period of service counting for pension (column 11).

9	10	11	12	13
Date of first appointment to the Department.	Period of service in present grade.	*Period of service counting for pension.	Present post.	REMARKS.
	Y. M. D.	Y. M. D.		
May 18, 1832	7 6 0	40 0 11	Head Quarters ...	Officiating Deputy Superintendent, 2nd grade, from 23rd December 1870. Services reckoned under old rules.
Dec. 13, 1838	4 6 0	33 10 9	In charge, Eastern Frontier Series.	Services reckoned under old rules.
Apl. 14, 1844	7 6 0	28 1 13	In charge, Computing Office	Column 11 includes 2 years' leave on medical certificate from March 1863, under the old rules which were then in force, and allowed the leave to reckon as service.
Oct. 25, 1844	2 6 0	28 11 7	Store Depot, Head Quarters	Services reckoned under old rules.
Apl. 22, 1845	7 6 0	23 4 9	Personal Asst. to Supdt. (16 months' and 4 days' furlough to Europe excluded).	Services reckoned under new rules.
Oct. 1, 1851	0 6 0	22 0 0	Kattiwar Survey ...	Services reckoned under old rules.
Oct. 1, 1852	19 6 8	...	...	On furlough.
Dec. 1, 1853	12 6 20	...	Superintendent.	
July 1, 1854	2 6 0	19 1 24	In charge, Assam Survey...	Officiating Assistant Superintendent, 1st grade, leave to Europe on medical certificate for 2 years included under old rules.
Apl. 25, 1855	0 6 0	18 5 6	Kumaon and Garhwal Survey.	225 days' sick leave included under old rules. Officiating Assistant Superintendent, 1st grade.
June 14, 1855	2 6 0	18 3 17	Eastern Frontier Series ...	30 days' leave included under old rules.
June 19, 1855	2 6 0	18 3 12	Brahmaputra Party.	
Nov. 26, 1855	0 10 0	17 10 5	Ditto.	
Dec. 1, 1855	2 0 0	17 10 0	Ditto	Six months' sick leave included under old rules.
Jan. 11, 1856	4 1 0	9 0 21	.....	On sick leave, Europe. Sick leave 1 year and 11 months, also 9 months from 31st December 1871 excluded under new rules.
Feb. 19, 1856	0 10 0	13 2 17	Guzerat Survey ...	11 months' furlough excluded under new rules.
Oct. 1, 1857	2 6 0	16 0 0	Kumaon and Gurhwal Survey.	334 days' sick leave included under old rules.
May 6, 1858	2 6 0	15 4 26	Computing Office ...	Services reckoned under old rules.
Aug. 17, 1858	1 6 0	14 6 1	Pendulum Party ...	Ditto ditto.
Ditto ...	0 4 0	8 2 6	Tidal and Levelling Party	1 year and 91 days' leave and furlough excluded under new rules.
Oct. 4, 1858	2 0 0	...	Dy. Supdt., 2nd Grade ...	In charge, Madras Party.
Apl. 1, 1859	1 6 0	7 0 10	Kattiwar Survey ...	22 months' leave excluded under new rules.
May 21, 1859	2 2 14	...	Dy. Supdt., 1st Grade ...	In charge, Kumaon and Gurhwal Survey.
Aug. 1, 1859	2 6 0	13 11 20	Drawing Office ...	Services reckoned under old rules.
Sept. 22, 1859	6 0 0	...	Offg. Dy. Supdt., 1st Grade	In charge, Guzerat Party.
Nov. 12, 1859	6 0 0	...	.....	On furlough.
Feb. 3, 1860	6 0 0	13 7 26	Kumaon and Gurhwal Survey.	Services reckoned under new rules.
Nov. 12, 1860	1 6 0	12 10 19	Kuttiwar Survey ...	Ditto ditto.
July 23, 1861	0 4 0	12 2 9	Assam Survey ...	Ditto ditto.
Sept. 1, 1861	2 6 0	12 1 0	Eastern Frontier Series ...	Ditto ditto.
Mar. 1, 1862	2 0 0	...	Deputy Supdt., 2nd Grade	In charge, Brahmaputra Party.
Apl. 8, 1862	2 6 0	11 5 23	Computing Office ...	Services reckoned under old rules.
Nov. 1, 1862	2 6 0	10 11 0	Madras Party ...	Ditto ditto.
Jan. 18, 1863	7 0 0	...	Offg. Dy. Supdt., 3rd Grade	In charge, Kattiwar Party.
Jan. 30, 1863	6 8 0	...	Officiating Deputy Supdt., 2nd Grade.	In charge, No. 2 Astronomical Party.
July 10, 1863	2 6 0	7 9 11	Kumaon & Gurhwal Survey	89 days' sick leave excluded.

the Unconvenanted Civil Service Rules. Their dates of first appointment to Department (column 9), and period of service counting for pension (column 11).

1 General Ser- vity No.	2 NAME.	3 Passed in the Vernacular.	4			5 Rank.	6 Grade.	7			8 Date of appointment to present grade.	9 Date of first appointment to the Depart- ment.	10			11			12 Present post.	13 REMARKS.
			Y.	M.	D.			Rs.	A.	P.			Y.	M.	D.	Y.	M.	D.		
37	Mr. A. Christie	Not passed...	28	0	1	Asst. Surveyor	1st Grade	250	0	0	Oct. 1, 1871	Aug. 7, 1863	2	0	0	6	0	1	Guzerat Survey.	
38	Captain H. Trotter, B. E.	Ditto	32	1	1	Deputy Supdt.	3rd Grade	933	10	0	Jan. 26, 1869	Sept. 5, 1863	4	8	6	...	...	Deputy Supdt., 3rd Grade	Deputed to Yarkund.	
39	Mr. W. O'Sullivan	Ditto	29	7	17	Asst. Surveyor	1st Grade	250	0	0	Oct. 1, 1871	Oct. 1, 1863	2	0	0	7	7	18	Assam Survey.	
40	„ N. C. Gwynne	Ditto	30	6	25	Ditto	Ditto	250	0	0	Apl. 1, 1872	Oct. 19, 1863	1	6	0	8	6	25	Kuttiwar Survey.	
41	„ W. C. Price	Ditto	27	3	7	Ditto	Ditto	250	0	0	Oct. 1, 1872	Nov. 1, 1863	2	0	0	5	3	7	Jodhpore Series.	
42	„ C. H. McA. Fee	Ditto	23	10	15	Ditto	Ditto	250	0	0	May 1, 1873	Sept. 6, 1864	0	5	0	1	10	16	Guzerat Survey.	
43	„ T. H. Rendell	Ditto	29	2	9	Ditto	Ditto	250	0	0	June 1, 1873	Oct. 11, 1864	0	4	0	7	2	5	Kuttiwar Survey.	
44	„ J. W. McDougall	Ditto	28	7	16	Ditto	2nd Grade	200	0	0	Apl. 1, 1871	March 1, 1865	2	6	0	6	7	17	Computing Office.	
45	„ E. J. Connor	Lower Stand- ard.	25	1	15	Ditto	Ditto	200	0	0	Apl. 1, 1873	Ditto	0	6	0	3	1	16	Guzerat Survey.	
46	„ Hugh Todd	Not passed...	26	1	16	Ditto	Ditto	200	0	0	Apl. 1, 1871	July 15, 1865	2	6	0	4	0	16	Kumaon and Gurhwal Sur- vey.	30 days' sick leave excluded.
47	„ E. N. Wyatt	Ditto	26	11	1	Ditto	Ditto	200	0	0	Oct. 1, 1871	Sept. 1, 1865	2	0	0	4	11	1	Kuttiwar Survey.	
48	„ E. P. Wrixon	Ditto	27	5	2	Ditto	3rd Grade	160	0	0	Sept. 1, 1870	Oct. 25, 1865	3	1	0	5	5	2	Kumaon & Gurhwal Survey.	
49	Captain W. J. Heavyside, B. E.	Passed	33	3	27	Deputy Supdt.	Ditto	933	10	0	Apl. 1, 1873	March 1, 1866	1	5	26	...	...	Depy. Supdt., 3rd Grade...	In charge, Pendulum and Magnetic Party.	
50	Mr. O. V. Norris	Telugu, Mad- ras Univer- sity Matri- culation.	28	10	11	Asst. Surveyor	2nd Grade	200	0	0	July 1, 1873	Apl. 25, 1866	0	3	0	6	10	14	No. 1 Extra Party	12 days' sick leave excluded.
51	Lieut. M. W. Rogers, B. E.	Passed	31	7	12	Asst. Supdt.	1st Grade	640	12	0	Dec. 15, 1868	July 30, 1866	4	9	17	...	...	Offg. Dy. Supdt., 3rd Grade.		
52	Mr. J. Bond	Not passed...	23	8	24	Asst. Surveyor	2nd Grade	200	0	0	July 1, 1873	Oct. 18, 1866	0	3	0	1	8	24	No. 2 Astronomical Party.	
53	„ C. D. Potter	Tamil, Civil Engineering College, Madras.	28	0	27	Ditto	Ditto	200	0	0	Ditto	Oct. 29, 1866	0	3	0	6	0	9	Madras Party	33 days' leave excluded.
54	Lieut. J. Hill, B. E.	Not passed...	32	9	7	Asst. Supdt.	1st Grade	640	12	0	Oct. 30, 1870	Dec. 18, 1866	2	11	2	...	...	Offg. Dy. Supdt., 3rd Grade	In charge, Jodhpore Series.	
55	Mr. W. H. Cole, M. A. (Senior Branch)	Higher Stand- ard.	35	9	16	Ditto	Ditto	500	0	0	Dec. 4, 1870	Jan. 3, 1867	2	9	28	6	8	27	Computing Office	Excludes service as Professor, Mathematics, Govern- ment College, Agra, from 14th April 1862 to end of February 1864.
56	„ J. Hickie	Not passed...	24	8	17	Asst. Surveyor	3rd Grade	160	0	0	Apl. 1, 1871	Apl. 29, 1868	2	6	0	2	8	17	Guzerat Survey.	
57	„ W. Fielding	Ditto	25	4	13	Ditto	Ditto	160	0	0	Ditto	May 3, 1868	2	6	0	3	4	13	Kuttiwar Survey.	
58	„ G. D. Cusson	Ditto	27	0	7	Ditto	Ditto	160	0	0	Ditto	May 8, 1868	2	6	0	5	0	7	Guzerat Survey.	
59	„ T. Kinney	Ditto	26	4	27	Ditto	2nd Grade	200	0	0	Oct. 1, 1873	June 17, 1868	...	...	4	4	27	Kumaon and Gurhwal Sur- vey.		
60	„ E. F. Litchfield	Ditto	21	8	7	Ditto	3rd Grade	160	0	0	Apl. 1, 1873	Nov. 26, 1868	0	6	0	...	...	Ditto.		
61	Lieut. A. Baird, B. E.	Passed	31	4	26	Asst. Supdt.	1st Grade	640	12	0	Oct. 1, 1871	Dec. 4, 1868	2	0	0	...	...	Asst. Supdt., 1st Grade	In charge, Bombay Tidal and Levelling Party.	
62	Mr. C. P. Torrens	Not passed...	23	3	11	Asst. Surveyor	3rd Grade	160	0	0	Apl. 1, 1873	Dec. 12, 1868	0	6	0	1	3	11	Jodhpore Series.	
63	Lieut. J. R. McCullagh, B. E.	Passed	31	6	5	Asst. Supdt.	1st Grade	640	12	0	Jan. 1, 1873	Feb. 12, 1869	1	9	0	...	...	Asst. Supdt., 1st Grade	Attached to Madras Party.	
64	Mr. E. W. Lasseron	Not passed...	29	5	7	Asst. Surveyor	3rd Grade	160	0	0	Jan. 1, 1873	May 1, 1869	0	9	0	4	5	0	Madras Party.	
65	„ A. Bryson	Ditto	24	1	1	Ditto	Ditto	160	0	0	Oct. 1, 1873	Sept. 20, 1869	...	...	2	1	1	Guzerat Party.		
66	„ W. Oldham	Ditto	20	9	15	Ditto	4th Grade	120	0	0	Oct. 15, 1871	Oct. 15, 1871	1	11	17	...	...	Jodhpore Series.		
67	Lieut. H. J. Harman, B. E.	Ditto	23	4	17	Asst. Supdt.	2nd Grade	515	12	0	June 3, 1873	June 3, 1872	1	3	28	...	...	Offg. Asst. Supdt., 1st Grade	In charge, No. 1 Extra Party.	
68	Mr. J. C. Clancey	...	19	0	13	Asst. Surveyor	4th Grade	120	0	0	Sept. 30, 1872	Sept. 30, 1872	1	0	1	...	...	Eastern Frontier Series.		
69	„ J. O. Hughes	...	18	1	8	Ditto	Ditto	120	0	0	Oct. 14, 1872	Oct. 14, 1872	0	11	18	...	...	Assam Survey.		
70	„ Irvin Pocock	...	24	4	9	Ditto	Ditto	120	0	0	Oct. 28, 1872	Oct. 28, 1872	0	11	4	0	11	4	Kumaon and Gurhwal Sur- vey.	
71	„ G. T. Hall	...	21	5	24	Ditto	Ditto	120	0	0	Nov. 22, 1872	Nov. 22, 1872	0	10	9	...	...	Guzerat Survey.		
72	Lieut. St. G. C. Gore, B. E.	...	24	7	8	Asst. Supdt.	2nd Grade	515	12	0	Apl. 11, 1873	Apl. 11, 1873	0	5	20	...	...	Kumaon and Gurhwal Sur- vey.		
73	„ J. E. Gibbs, B. E.	...	...	...	...	Ditto	Ditto	515	12	0	Aug. 15, 1873	Aug. 15, 1873	0	1	17	...	...	Guzerat Survey.		
74	Mr. J. McCarthy	...	18	5	2	Asst. Surveyor	4th Grade	120	0	0	Aug. 1, 1873	Aug. 1, 1873	0	2	0	...	...	Computing Office.		

NOTE.—In this list the officers have been arranged according to their length of service in the Department, the officer who has been longest in the Department standing first on the list. Their dates of first appointment to Department (column 9), and period of service counting for pension (column 11), have been arranged in consecutive order.

\* Applies only to officers who are under the Unconvenanted Civil Service Rules.



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DISPOSITION LIST  
OF  
OFFICERS OF THE GREAT TRIGONOMETRICAL SURVEY OF INDIA  
ON THE  
1st October 1873.

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## Disposition List of Officers of the Bombay Tidal and Levelling Party, Great

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barbandazes.	Apprentice Sub-Surveyors.		
		No.	No.						
Nos. 3 and 4 Extra Parties.	Bombay, Gulf of Cutch and Kattywar.	2	1	36	1	12	5	...	A reconnaissance of the Gulf of Cutch for tidal operations. The preparation for tidal observation on the Gulf of Cutch ( <i>i. e.</i> ), getting all the apparatus ready in Bombay, fixing the observatories, and testing the instruments, &c.

## Trigonometrical Survey, being Nos. 3 and 4 Extra Parties, on the 1st October 1873.

Annual cost of Party.	Officer in charge, Assistant Superintendent, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
...	Lieut. A. W. Baird, R. E. ...	61	Assistant Superintendent, 1st grade.	On the formation of the party, 1st September 1872.	The party was only temporarily formed on 1st September 1872. The officer in charge with about 12 men proceeded to Kattywar in October 1872, and a reconnaissance of the Gulf of Cutch was made with a view to the erection of tidal observatories. The party then came to Bombay in January 1873, and since then the instruments for the work have been received from England and erected for trial in Bombay. The apparatus, &c., for carrying out the work and all the material have been procured, and the party will start early in October to commence operations on the Gulf of Cutch. The native establishment of No. 4 Extra Party were put at the disposal of the Bombay tidal and levelling party from 1st April 1873 by D.O. No. 5, dated 12th March 1873. The native establishment of No. 3 Extra Party were transferred to the Bombay tidal and levelling party from 1st April by D. O. No. 40, dated 4th August 1873.
...	Mr. F. Bell ...	20	Surveyor, 3rd grade ...	Transferred from the Beder series to No. 4 Extra Party from 1st September 1873 by D. O. No. 42, dated 11th August 1873.	

## Disposition List of Officers of the Bombay Party, Great

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barbandazes.	Lampmen and Kalassies.		
		No.	No.						
	In the Jodhpur, Jeysalmer and Bikanir States on the Jodhpur meridional series.	...	...	...	1	14	50	Sq. miles.	Sq. miles.
								Principal triangulation 4,151	Principal triangulation 3,700
								Secondary ditto 1,926	Secondary ditto 2,443
								Zenith distance station selected and fixed ... 7	Zenith distance station 7

## Trigonometrical Survey, on 1st October 1873.

Annual cost of Party for financial year 1872-73.	Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs. A. P.	Lieut. M. W. Rogers, R. E. ...	51	Asst. Supdt., 1st grade ...	29th Nov. 1869	Offg. Dy. Superintendent, 3rd grade.
34,910 0 0	Mr. W. C. Price ...	41	" Surveyor, " ...	"	The series was commenced this season.
	" C. P. Torrens ...	62	" " 3rd grade.		
	" W. Oldham ...	66	" " 4th "		

## Disposition List of Officers of the Madras Party, Great

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.		
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barkandazes.	Sq. miles.		Principal triangulation	Sq. miles.	triangulation
		No.	No.								
1	Madras Party in Mysore, Madura and Tinnevely; recess quarters at Bangalore.	...	...	46	1	17	...	Principal triangulation ... 2,848	Principal triangulation ... 3,330	Secondary triangulation ... 2,396	Secondary triangulation ... 4,064

## Trigonometrical Survey of India, on the 1st October 1873.

Actual cost of Party for financial year 1872-73.	Officer in charge, Assistant Superintendent, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
R. A. P.					
40,044 0 0	Major B. R. Branfill, B. C. ...	21	Deputy Superintendent, 2nd grade.	July 28, 1868.	
	Lieut. J. R. McCulloch, B. E. ...	63	Assistant Superintendent, 1st grade.		
	Mr. J. W. Mitchell ...	30	Assistant Surveyor, 1st grade.	...	Transferred to Eastern Frontier Series from 1st October 1873.
	" O. V. Norris ...	50	Assistant Surveyor, 2nd grade.		
	" C. D. Potter ...	53	Assistant Surveyor, 2nd grade.		
	" E. W. Lasseron ...	64	Assistant Surveyor, 3rd grade.		

## Disposition List of Officers of the Kumaon and Gurhwal Party,

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.		
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barkandazes.	Sq. miles.		Triangulation	Sq. miles.	Topography on scale of 1 inch=1 mile
		No.	No.								
7	Kumaon and Gurhwal ...	3	1	154	1	18	...	During 1870-71 special large scale survey of Kosi Valley.	Triangulation ... 363	Topography on scale of 1 inch=1 mile ... 2,734	
								During 1871-72 and 1872-73, average out-turn was, triangulation ... 816			
								Topography on scale of 1 inch=1 mile ... 2,298			

## Great Trigonometrical Survey of India, on the 1st October 1873.

Annual cost of Party for financial year 1872-73.	Officer in charge, Assistant Superintendent, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
R. A. P.					
63,321 7 0	Lieut. J. Hill, B. E. ...	54	Officiating Deputy Superintendent, 3rd grade.	Feb. 10, 1871.	
	Mr. E. C. Ryall ...	10	Assistant Superintendent, 2nd grade.		
	Lieut. St. G. C. Gore, B. E. ...	72	Assistant Superintendent, 2nd grade.		
	Mr. J. Peyton ...	27	Surveyor, 2nd grade.		
	" J. Low ...	17	Surveyor, 3rd grade.		
	" L. Pocock ...	38	Assistant Surveyor, 1st grade.		
	" H. Todd ...	46	Assistant Surveyor, 2nd grade.		
	" T. Kenney ...	59	Assistant Surveyor, 2nd grade.		
	" E. Litchfield ...	60	Assistant Surveyor, 3rd grade.		
	" I. Pocock ...	70	Assistant Surveyor, 4th grade.		



## Disposition List of Officers of the Assam Valley Survey, Great

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other works done by Party.	Work of last twelve months.
		Sub-Surveyors.	Writer.	Flagmen and Carriers.	Native Doctors.	Barkandazas.	Extra Clerks engaged for field season only.		
Assam	"	No.	No.	54	1	12	12	Sq. miles. Principal triangulation. 2,716 Secondary triangulation. 10,990	Sq. miles. Principal triangulation. 268 Secondary triangulation, including a small portion of previous work recorded. 7,391

## Trigonometrical Survey, on the 1st October 1873.

Annual cost of Party for financial year 1872-73.	Officer in charge, Assistant Superintendent, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs. A. P. 28,419 2 6	Mr. W. G. Beverley " G. A. Harris " W. O'Sullivan " J. O. Hughes	9 29 39 69	Assistant Superintendent, 2nd grade. Surveyor, 4th grade. Assistant Surveyor, 1st grade. Assistant Surveyor, 4th grade.	Sept. 15, 1871	Offg. Assistant Superintendent, 1st grade.

## Disposition List of Officers of the Guzerat Party, Great

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.
		Sub-Surveyors.	Writers.	Flagmen and Carriers.	Native Doctors.	Barkandazas.	Jamadar.		
9	Guzerat and Poona	9	2	112	1	26	1	Sq. miles. Triangulation ... 899 Topography ... 1,050 Linear miles. Traversing ... 439	Sq. miles. Triangulation ... 791 Topography ... 1,236 Linear miles. Traversing ... 772*

## Trigonometrical Survey of India, on the 1st October 1873.

Annual cost of Party for financial year 1872-73.	Officer in charge, Assistant Superintendent, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs. A. P. 77,646 10 9	Major C. T. Haig, B. E. Licut. J. E. Gibbs, B. E. Mr. A. D'Souza " A. Christie " C. H. McA. Fee " E. J. Connor " J. Hickie " G. D. Cusson " A. Bryson " G. T. Hall	25 73 16 37 42 45 56 58 65 71	Deputy Superintendent, 2nd grade. Assistant Superintendent, 2nd grade. Surveyor, 2nd grade. Assistant Surveyor, 1st grade. Assistant Surveyor, 1st grade. Assistant Surveyor, 2nd grade. Assistant Surveyor, 3rd grade. Assistant Surveyor, 3rd grade. Assistant Surveyor, 3rd grade. Assistant Surveyor, 4th grade.	Sept. 23, 1871	Officiating Deputy Superintendent, 1st grade. * This includes 241 miles executed by an establishment of 1 vernacular writer and 5 sub-surveyors under the superintendence of an Assistant Superintendent, Guzerat Revenue Survey, placed under the orders of the officer in charge, Guzerat Party, together with an allowance of Rs. 300 per mensem from the Revenue Survey Funds, with which a staff of measurers, &c. (included in strength of subordinate establishment), was provided.

## Disposition List of Officers of the Sambalpur Meridional Series,

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barkandazes.			
		No.	No.						
	Raipur District, Central Provinces	...	...	51	2	14	...	Sq. miles. Principal triangulation 626 Secondary ditto 213	Sq. miles. Principal triangulation 680

## Great Trigonometrical Survey, on the 1st October 1873.

Annual cost of Party for financial year 1872-73.	Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
34,450 0 0	Mr. H. Keelan ...	1	Deputy Superintendent, 3rd grade.	Oct. 1, 1856	Officiating Deputy Superintendent, 2nd grade.
	„ L. H. Clarke ...	12	Surveyor, 2nd grade ...	...	Transferred to Brahmaputra Series.
	„ J. C. Clancey ...	68	Assistant Surveyor, 4th grade.	...	Transferred from 1st October 1873 to the Eastern Frontier Series.

## Disposition List of Officers of the Kattywar Party, Great

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barkandazes.			
		No.	No.						
	The Province of Kattywar, Bombay Presidency.	12	1	128	1	26	...	Sq. miles. The average amount of work turned out during the last three years is as follows:— Triangulation ... 2,261 Traverse linear miles 2,764 Topographically surveyed ... 2,245 Stations built ... 196	2,642 square miles of country topographically surveyed on a scale of 2 inch = 1 mile. 2,680 square miles of net-work triangulation; 739.5 linear miles of boundary traverse; 409.3 linear miles of check traverse. Fair maps of sheets 10, 11, 20 and 21 completed. The necessary computations for the utilization of the triangulation brought up in duplicate.

## Trigonometrical Survey of India, on the 1st October 1873.

Annual cost of Party for financial year 1872-73.	Officer in charge, Assistant Superintendent, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
75,645 0 0	Captain A. Pullan	34	Offg. Deputy Supdt., 3rd grade.	Apl. 6, 1873	Captain Trotter was transferred from the charge of this party to join the Mission to Yarkund on the 6th April 1873.
	Mr. J. McGill	6	Assistant Superintendent, 1st grade.		
	„ F. Ryall	22	Surveyor, 4th grade.		
	„ J. Wood	28	Ditto.		
	„ N. C. Gwynne	40	Assistant Surveyor, 1st grade.		
	„ T. H. Rendell	43	Assistant Surveyor, 1st grade.		
	„ E. N. Wyatt	47	Assistant Surveyor, 2nd grade.		
	„ W. Fielding	57	Assistant Surveyor, 3rd grade.		

## Disposition List of Officers of No. 1 Extra Party — Astronomical.

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barkandazes.			
		No.	No.			No.	No.		
No. 1 Extra Party — Astronomical.	Bangalore ... ..	None.		11 and 1 Tindal.	1	11	24	Ten distances measured at 33 stations, and reduced.  Longitude difference (in combination with No. 2 Party) measured on three arcs in course of reduction.	Longitude difference in combination with No. 2 Party.

## Great Trigonometrical Survey, on the 1st October 1873.

Annual cost of Party for financial year 1872-73.	Officer in charge, Assistant Superintendent, Surveyors and Assistant Surveyors	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs. A. P. 25,650 0 0	Lieut. H. J. Harman, B. E. ...	67	Assistant Superintendent, 2nd grade.	Aug. 20, 1873	Officiating Assistant Superintendent, 1st grade.
	Mr. G. Belcham ...	33	Assistant Surveyor, 1st grade.		

## Disposition List of Officers of No. 2 Extra Party — Astronomical.

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Peon.	Kalassies.		
		No.	No.						
No. 2 Extra Party — Astronomical.	Bangalore ... ..	None.	1	None.	None.		10	Determination of Latitude, Season 1870-71, none (see remarks).  Determination of Latitude, Season 1871-72, at 8 stations, including a second determination at 1 station.  Electro Longitude operations, 1872-73. Preliminary practice and determination of two arcs, viz., Madras—Bangalore, and Bangalore—Mangalore.	Electro Longitude operations. Preliminary practice and determination of two arcs, viz., Madras—Bangalore, and Bangalore—Mangalore.  Reduction of these operations and also of zenith distance observations for latitude.

## Great Trigonometrical Survey, on the 1st October 1873.

Annual cost of Party for financial year 1872-73.	Officers in charge, Assistant Superintendent, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs. A. P. 20,407 7 2	Capt. W. M. Campbell, B. E. ...	35	Deputy Superintendent, 3rd grade.	Sept. 4, 1871	Officiating Deputy Superintendent, 2nd grade.  The field operations of the party were suspended during Season 1870-71, in consequence of Capt. Campbell's employment on special duty in England.
	Mr. J. Bond ...	52	Assistant Surveyor, 2nd grade.		

Disposition List of Officers of the Beder Longitudinal Series

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.
		Sub-Surveyors.		Flagmen and Carriers.	Native Doctors.	Barkandazes.			
		No.	No.						
	Jaipur State, Vizagapatam Agency, and Bustar and Naogurh States in Central Provinces.	...	...	47	2	16	...	Sq. miles. Principal triangulation 2,063 Secondary ditto 2,499	Sq. miles. Principal triangulation 2,304 Secondary ditto 5,078

Disposition List of Officers of the Brahmaputra Series

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.							Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.
		Sub-Surveyors.	Writer.	Flagmen and Carriers.	Native Doctors.	Barkandazes.	Mahouts and Charkutters.			
5	Triangulation of the Brahmaputra River, Bogra, Mymensing, and Rungpore Districts in Bengal.	2	...	90	1	29	12	* Actual work executed during the seasons 1870-71 and 1871-72.  No. of principal stations selected in advance ... 13 Length of approximate series in miles ... 60 No. of towers constructed ... 13 No. of miles of rays cleared ... 537 Hill tops cleared of forest and jungle ... 10	Principal stations newly fixed ... 13 Area of principal triangulation, sq. miles ... 845 Length of principal series in miles ... 66 Azimuths observed ... 2 Area of secondary and minor triangulation in sq. miles ... 38 Length of secondary series in miles ... 44 No. of intersected points ... 15 No. of perambulated points ... 144 No. of towers constructed ... 4 No. of platforms constructed for principal stations ... 6 No. of platforms constructed for secondary stations ... 4 No. of miles of rays cleared ... 54 No. of miles of roads made ... 10	

Great Trigonometrical Survey, on 1st October 1873.

Annual cost of Party for financial year 1872-73.	Officer in charge, Assistant Superintendent, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs. A. P. 41,484 0 0	Mr. W. C. Rossenrode	2	Deputy Superintendent, 3rd grade.	Nov. 6, 1871.	Promoted from 1st June 1873. and transferred to No. 4 Extra Party from 1st September 1873.
	„ H. Beverley	11	Surveyor, 1st grade.		
	„ F. Bell	20	Surveyor, 3rd grade		
	„ E. P. Wrixon	48	Assistant Surveyor, 3rd grade.		

Great Trigonometrical Survey, on 1st October 1873.

Annual cost of Party for financial year 1872-73.	Officer in charge, Assistant Superintendent, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs. A. P. 35,270 0 0	Captain T. T. Carter, n. e.	31	Deputy Superintendent, 2nd grade.	...	The principal triangulation had been in abeyance for the seasons 1870-71 and 1871-72.
	Mr. A. W. Donnelly	12	Surveyor, 2nd grade.		
	„ C. J. Neuville	14	Ditto.		Resigned.  * The work executed during the seasons 1870-71 and 1871-72 being of different nature, an average for the last three years cannot be struck.
	„ H. Healy	...	Assistant Surveyor, 4th grade.		



**ALPHABETICAL LIST**  
OF  
**OFFICERS OF THE MYSORE REVENUE SURVEY.**

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**CLASSIFIED LIST**  
OF  
**OFFICERS OF THE MYSORE REVENUE SURVEY DEPARTMENT**  
ON THE  
**1st October 1873.**

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Number of Officers in each Grade.	NAMES.	Substantive Appointment.	Duty on which at present employed.
1	Captain J. P. Grant ... ..	Superintendent ...	Superintendent ...
1	„ J. W. M. Anderson ... ..	Deputy Superintendent ...	Deputy Superintendent ...
1	„ J. Rutherford ... ..	Assistant Superintendent ...	Assistant Superintendent ...
2ND GRADE.			
2	„ T. M. Ward ... ..	Ditto ditto ...	Ditto ditto ...
3	„ F. W. Major ... ..	Ditto ditto ...	Ditto ditto ...
4	„ M. F. Conssmaker ... ..	Ditto ditto ...	Ditto ditto ...
5	Mr. E. H. Butcher ... ..	Ditto ditto ...	Ditto ditto ...
6	Lieutenant J. B. Lawrence ... ..	Ditto ditto ...	Ditto ditto ...
7	Lieutenant R. L. Price ... ..	Ditto ditto ...	Ditto ditto ...
8	Mr. G. S. Dobbie ... ..	Ditto ditto ...	Ditto ditto ...
3RD GRADE.			
1	Mr. J. P. Barker ... ..	Ditto ditto ...	Ditto ditto ...
2	„ G. F. Meiklejohn ... ..	Ditto ditto ...	Ditto ditto ...
3	Lieutenant A. H. Macintire... ..	Ditto ditto ...	Ditto ditto ...
4	„ F. B. Clerk ... ..	Ditto ditto ...	Ditto ditto ...
5*	Captain D. Cowie ... ..	Ditto ditto ...	Ditto ditto ...
4TH GRADE.			
1	Mr. W. E. A. James ... ..	Ditto ditto ...	Ditto ditto ...
2	Lieutenant A. McCally ... ..	Ditto ditto ...	Ditto ditto ...

DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES,				REMARKS.
First Appointment to the Survey Department.	To present grade when sanctioned.	TO MILITARY OFFICERS.			TO CIVILIANS.	
		Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.	
		Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	
Sep. 28, 1863	Sep. 28, 1863	...	...	1,247 3 6	...	
Nov. 1, 1863	Jan. 15, 1868	...	...	1,299 1 6	...	
Nov. 27, 1863	Nov. 1, 1869	...	...	895 0 0	...	
Feb. 1, 1865	July 1, 1868	...	...	695 0 0	...	
Dec. 1, 1868	Nov. 11, 1868	...	...	695 0 0	...	On leave on private affairs to Europe for 18 months from 31st July 1873.
April 28, 1865	Mar. 1, 1869	...	...	695 0 0	...	
Dec. 24, 1865	Jan. 26, 1870	...	...	695 0 0	...	
Oct. 2, 1865	Mar. 26, 1871	...	...	...	695 0 0	
Jan. 15, 1869	Mar. 10, 1871	...	...	695 0 0	...	
Nov. 1, 1872	Oct. 23, 1872	...	...	695 0 0	...	
Nov. 9, 1868	June 1, 1871	...	...	...	560 0 0	
Dec. 22, 1866	Mar. 25, 1871	...	...	...	560 0 0	On 3 months' privilege leave from the 5th August 1873.
Nov. 30, 1867	June 1, 1871	...	...	...	560 0 0	
Dec. 6, 1869	Dec. 1, 1871	...	...	560 0 0	..	
Jan. 16, 1868	Nov. 26, 1872	...	...	...	560 0 0	
Dec. 3, 1870	Mar. 25, 1873	...	...	560 0 0	...	* Vide Government of India Notification No. 572, dated 27th August 1873.
Dec. 1, 1867	Dec. 1, 1868	...	...	...	460 0 0	Returned to duty on the 2nd April 1873.
Jan. 18, 1872	Aug. 11, 1873	...	...	460 0 0	...	



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**GENERAL LIST**  
OF  
**OFFICERS OF THE MYSORE REVENUE SURVEY DEPARTMENT**  
ON THE  
1st October 1873.

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1	2	3	4	5	6	7	8	9	10	11	12	13
General Seniority No.	NAMES.	Passed in the Vernacular.	Age.	Rank.	Grade.	Salary.	Date of appointment to present grade.	Date of first appointment to the Department.	Period of service in present grade.	*Period of service counting for pension.	Present Post.	REMARKS.
			Y. M. D.			Rs. A. P.			Y. M. D.	Y. M. D.		
1	Col. W. C. Anderson ...	...	51 2 5	Survey and Settlement Commissioner.	...	1,100 0 0	Sep. 28, 1863	Sep. 28, 1863	10 0 3	...	Survey and Sett. Commissioner.	
2	Captain J. P. Grant ...	...	35 6 0	Superintendent ...	...	1,074 0 0	Jan. 15, 1868	Nov. 1, 1863	5 8 16	...	Superintendent.	
3	" J. W. M. Anderson ...	...	35 11 20	Depy. Supdt. ...	1st Grade Asst.	700 0 0	Nov. 1, 1869	Nov. 27, 1863	2 8 3	...	Depy. Superintendent.	
4	" J. Rutherford ...	...	31 8 22	Asst. Supdt. ...	2nd Ditto	500 0 0	July 1, 1868	Feb. 1, 1865	5 3 0	...	Asst. Superintendent.	
5	Mr. E. H. Butcher ...	...	39 9 17	Ditto ...	Ditto ...	500 0 0	Mar. 26, 1871	Oct. 2, 1865	2 6 5	7 11 29	Ditto.	
6	Captain M. F. Coussmaker ...	...	30 4 20	Ditto ...	Ditto ...	500 0 0	Jan. 26, 1870	Dec. 24, 1865	1 9 3	...	Ditto.	
7	" F. W. Major ...	...	33 2 3	Ditto ...	Ditto ...	500 0 0	Mar. 1, 1869	Apl. 23, 1866	4 7 0	...	Ditto.	
8	Mr. J. P. Barker ...	...	26 0 16	Ditto ...	3rd Grade Asst.	425 0 0	Mar. 25, 1871	Dec. 22, 1866	2 4 4	4 0 2	Ditto	... On 3 months' privilege leave, from the 5th Aug. 1873.
9	" G. F. Meiklejohn...	...	24 9 8	Ditto ...	Ditto ...	425 0 0	June 1, 1871	Nov. 30, 1867	2 4 0	2 8 23	Ditto	... Returned to duty from furlough on 2nd April 1873.
10	" W. E. A. James ...	...	31 3 25	Ditto ...	4th Grade	325 0 0	Dec. 1, 1868	Dec. 1, 1867	3 10 17	4 4 9	Ditto.	
11	" F. B. Clerk ...	...	29 1 13	Ditto ...	Ditto ...	325 0 0	Nov. 26, 1869	Jan. 16, 1868	3 10 5	5 8 15	Ditto.	
12	" G. S. Dobbie ...	...	31 8 18	Ditto ...	3rd Grade	425 0 0	June 1, 1871	Nov. 9, 1868	2 4 0	7 2 16	Ditto.	
13	Captain T. M. Ward ...	...	31 8 18	Ditto ...	2nd Ditto	500 0 0	Nov. 11, 1868	Dec. 1, 1868	4 8 20	...	Ditto	... On leave on private affairs to Europe for 18 months, from 31st July 1873.
14	Lieut. J. B. Lawrence...	...	31 11 3	Ditto ...	Ditto ...	500 0 0	Mar. 10, 1871	Jan. 15, 1860	2 6 21	...	Ditto.	
15	" A. H. Macintire ...	...	25 7 11	Ditto ...	3rd Grade	425 0 0	Dec. 1, 1871	Dec. 6, 1869	1 10 0	...	Ditto.	
16	Captain D. Cowie ...	...	32 9 16	Ditto ...	Ditto ...	425 0 0	Mar. 25, 1873	Dec. 3, 1870	1 9 29	...	Ditto.	
17	Lieut. A. McCally ...	...	29 10 24	Ditto ...	4th Ditto	325 0 0	Aug. 11, 1873	Jan. 18, 1872	0 1 21	...	Ditto.	
18	" R. L. Price ...	...	30 9 20	Ditto ...	2nd Grade	500 0 0	Oct. 23, 1872	Nov. 1, 1872	0 11 8	...	Ditto.	

NOTE.—In this list the officers have been arranged according to their length of service in the Department, the officer who has been longest in the Department standing first on the list. Their dates of first appointment to the Department (column 9), and period of service (column 11), have

\* Applies only to officers who are under the Uncovenanted Civil Service Rules.

been arranged in consecutive order.



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**DISPOSITION LIST**  
OF  
**OFFICERS OF THE MYSORE REVENUE SURVEY DEPARTMENT**  
ON THE  
**1st October 1873.**

*[ This List has been omitted, as the returns corrected to 1st October 1873 have not been received. ]*

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**ALPHABETICAL LIST**  
OF  
**OFFICERS OF THE BERAR REVENUE SURVEY.**

	PAGES.
Betham, G.                   ...    ...    ...	... 104, 108, 112
Beynon, R. R.               ...    ...    ...	... 104, 108, 112
Elphinstone, Lieut. Col. P. A.   ...    ...    ...	... 104, 108, ...
Guerin, J. A.               ...    ...    ...	... 104, 108, 112
Hobson, E. A.               ...    ...    ...	... 104, 108, 112
Mackenzie, Captain G.       ...    ...    ...	... 104, 108, ...
Morant, E. W. L.           ...    ...    ...	... 104, 108, 112
Pemberton, Captain C. C.   ...    ...    ...	... 104, 108, 112
Pitt, R. B.                 ...    ...    ...	...    ...    112
Turnbull, W.               ...    ...    ...	... 104, 108, 112





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**CLASSIFIED LIST**  
OF  
**OFFICERS OF THE BERAR REVENUE SURVEY DEPARTMENT**  
ON THE  
**1st October 1873.**

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Number of Officers in each grade.	NAMES.	Substantive appointment.	Duty on which at present employed.	DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.				REMARKS.
				First appointment to the Department.	To present grade when sanctioned.	TO MILITARY OFFICERS.			To CIVILIANS.	
						Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.	
				Rs. A. P.	Rs.	Rs. A. P.	Rs.			
1	Lieut. Col. P. A. Elphinstone ... ..	Superintendent ... ..	Superintendent ... ..	Jan. 30, 1852	Feb. 3, 1873	827 14 0	925 ...	1,752 14 0	...	On leave to Europe for 18 months on urgent private affairs from 4th November 1872.
1	Mr. R. R. Beynon ... ..	Deputy Superintendent ... ..	Offg. Superintendent ... ..	Oct. 12, 1859	Oct. 30, 1872	...	...	...	1,175	
1ST GRADE.										
1	" E. A. Hobson ... ..	Assistant Superintendent ... ..	Assistant Superintendent ... ..	June 25, 1856	Mar. 2, 1869	...	...	...	795	
2	Captain G. Mackenzie ... ..	Ditto ditto ... ..	Ditto ditto ... ..	Dec. 30, 1859	Dec. 24, 1871	...	...	795 0 0	...	On sick leave to Europe for 20 months from 22nd April 1872.
3	Captain C. C. Pemberton ... ..	Ditto ditto ... ..	Ditto ditto ... ..	Sep. 9, 1864	Feb. 2, 1873	...	...	795 0 0	...	
2ND GRADE.										
1	Mr. W. Turnbull ... ..	Ditto ditto ... ..	Ditto ditto ... ..	July 26, 1865	Oct. 21, 1872	...	...	...	695	Transferred to the Southern Mahratta Country.
2	" J. A. Guerin ... ..	Ditto ditto ... ..	Ditto ditto ... ..	Nov. 4, 1856	April 1, 1873	...	...	...	695	
3RD GRADE.										
1	" E. W. L. Morant ... ..	Ditto ditto ... ..	Ditto ditto ... ..	Nov. 13, 1868	Oct. 16, 1872	...	...	...	560	
4TH GRADE.										
1	" G. Betham ... ..	Ditto ditto ... ..	Ditto ditto ... ..	May 3, 1869	July 2, 1870	...	...	...	460	

vide Government of India, Financial Department, No. 2956, dated 21st October 1865.  
 appointment to Probationary Assistant in the Survey Department.

N. B.—The salaries of the Military Assistant Superintendents are now consolidated.  
 The dates given under the head of "First appointment," are those of the



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**GENERAL LIST**

OF

**OFFICERS OF THE BERAR REVENUE SURVEY DEPARTMENT**

FOR THE

**1st October 1873.**

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## General List of Officers of the Berar Revenue Survey Department on the 1st October 1873.

1	2	3	4	5	6	7	8	9	10	11	12	13
General seniority number.	NAME.	Passed in the Vernacular.	Age on 15th October.	Rank.	Grade.	Salary.	Date of appointment to present grade.	Date of first appointment to the Department.	Period of service in present grade.	*Period of service counting for pension.	Present post.	REMARKS.
			Y. M. D.			Rs. A. P.			Y. M. D.	Y. M. D.		
1	Lieut. Col. P. A. Elphinstone...	Passed ...	46 0 18	Superintendent ...	...	1,752 14 0	Feb. 3, 1873	Jan. 30, 1852	0 7 26	...	Superintendent ...	On leave to Europe for 18 months on urgent private affairs from 4th November 1872.
2	Mr. E. A. Hobson	... Ditto ...	37 11 0	Assistant Supdt. ...	1st Grade	795 0 0	Mar. 2, 1869	June 25, 1856	4 6 30	15 10 16	Asst. Superintendent.	
3	„ J. A. Guerin	... Ditto ...	36 3 3	Ditto ...	2nd Grade	695 0 0	April 1, 1873	Nov. 4, 1856	0 6 0	11 9 4	Ditto ditto.	
4	„ B. R. Beynon	... Ditto ...	39 11 3	Offg. Supdt. ...	...	1,175 0 0	Oct. 30, 1873	Oct. 12, 1859	0 11 2	10 6 9	Offg. ditto.	
5	Captain G. Mackenzie	... Ditto ...	35 2 28	Assistant Supdt. ...	1st Grade	795 0 0	Dec. 24, 1871	Dec. 30, 1859	1 9 8	...	Asst. ditto ...	On sick leave to Europe for 20 months from 22nd April 1872.
6	„ C. C. Pemberton	... Ditto ...	33 9 4	Ditto ...	Ditto ...	795 0 0	Feb. 2, 1873	Sept. 9, 1864	0 7 27	...	Ditto ditto.	
7	Mr. W. Turnbull	... Ditto ...	31 6 0	Ditto ...	2nd Grade	695 0 0	Oct. 21, 1873	July 26, 1865	0 11 11	8 2 6	Ditto ditto.	
8	„ E. W. L. Morant	... Ditto ...	25 4 29	Ditto ...	3rd Grade	560 0 0	Oct. 16, 1873	Nov. 13, 1868	0 11 16	3 4 15	Ditto ditto.	
9	„ G. Betham ...	... Ditto ...	23 0 0	Ditto ...	4th Grade	460 0 0	July 2, 1873	May 3, 1869	3 2 30	0 11 17	Ditto ditto.	

NOTE.—In this list the officers have been arranged according to their length of service in the Department, the officer who has been longest in service counting for pension (column 11)

\*Applies only to officers who are under the Unconvenanted Civil Service Rules. appointment to Probationary Assistant in the Survey Department. in the Department standing first on the list. Their dates of first appointment to the Department (column 9), and period of service counting for pension (column 11) have been arranged in consecutive order.



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DISPOSITION LIST  
OF  
OFFICERS OF THE BERAR REVENUE SURVEY DEPARTMENT  
ON THE  
1st October 1873.

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Disposition List of Officers of the Berar Revenue

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.					Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months, from 1st October 1872 to 30th September 1873.	Annual cost of Party (for the year 1872-73).
		Sub-Surveyors.	English Clerks.	Carakoons.	Mappers.	Peons.			
		No.	No.	No.	No.	No.			
1	East and West Berars ...	8	3	61	18	12	Settlement, Mapping, and Lithographic Department and general supervision.	37,065	
2	Ditto ditto ...	...	...	...	...	...	Measuring, Classing, and Account Department.	13,693	
3	Taluka Chandore and Yeotmal ...	...	...	...	...	...	<i>A—Classing.</i> 735   395	8,902	
4	„ Chandore, Yeotmal, and Wun.	20	...	4	...	3	<i>C—Classing.</i> 833   486	16,230	
5	„ Wun and Yeotmal ...	15	...	3	...	3	<i>D—Measuring.</i> 338   349	21,242	
6	„ Wun ...	18	...	3	...	3	<i>E—Measuring.</i> 372   336	20,316	
7	„ Wun ...	14	...	3	...	3	<i>F—Measuring.</i> 368   343	21,869	
8	„ Chickli, Mehkar, Bassim and Pusad.	16	...	2	...	3	<i>G—Measuring.</i> 351   318	23,514	
9	„ Chickli, Mehkar, Bassim and Pusad.	11	...	3	...	4	<i>H—Classing.</i> 696   430	15,845	
TOTAL ...		102	3	79	18	31	<i>Classing.</i> 2,264   1,311 <i>Measuring.</i> 1,429   1,346	1,78,705	

N. B.—The letters A, B, C, D, etc., in column 9 are the

Survey Department on the 1st October 1873.

Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Mr. R. R. Beynon ...	4	Offg. Superintendent	Oct. 30, 1872	
„ R. B. Pitt ...	...	.....	...	Deputy Superintendent's Office broken up from 16th June 1873. A establishment broken up from 1st September 1873. Mr. Pitt was transferred to the Poona and Nassick Survey from the above date.
„ R. B. Pitt ...	...	.....	...	
Captain C. C. Penberton ...	6	Asst. Supdt., 1st grade	Oct. 30, 1871	
Mr. E. W. L. Morant ...	8	Ditto 3rd grade	Nov. 1, 1872	
„ G. Betham ...	9	Ditto 4th grade	Nov. 21, 1871	
„ E. A. Hobson ...	2	Ditto 1st grade	Dec. 2, 1872	
„ J. A. Guerin ...	3	Ditto 2nd grade	Nov. 1, 1872	
„ W. Turnbull ...	7	Ditto 2nd grade	Apl. 5, 1872	

distinguishing letters of the several native establishments.



ALPHABETICAL LIST  
OF  
OFFICERS OF THE GEOLOGICAL SURVEY DEPARTMENT.

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Ball, V.                   ...   ...   ...   ...	118, 122, 126
Blanford, W. T.         ...   ...   ...   ...	118, 122, 126
Fedden, F.               ...   ...   ...   ...	118, 122, 126
Foote, R. B.             ...   ...   ...   ...	118, 122, 126
Fryar, M.                ...   ...   ...   ...	118, 122, 126
Hacket, C. A.            ...   ...   ...   ...	118, 122, 126
Hughes, T. W. H.        ...   ...   ...   ...	118, 122, 126
King, W.                 ...   ...   ...   ...	118, 122, 126
Mallet, F. R.            ...   ...   ...   ...	118, 122, 126
Medlicott, H. B.         ...   ...   ...   ...	118, 122, 126
Oldham, T.               ...   ...   ...   ...	118, 122, 126
Ram Singh                ...   ...   ...   ...	118, 122, 126
Stoliczka, Dr. F.        ...   ...   ...   ...	118, 122, 126
Theobald, W.             ...   ...   ...   ...	118, 122, 126
Turner, T. H.            ...   ...   ...   ...	118, 122, 126
Tween, A.                ...   ...   ...   ...	118, 122, 126
Waagen, Dr. W.         ...   ...   ...   ...	118, 122, 126
Willson, W. L.          ...   ...   ...   ...	118, 122, 126
Wynne, A. B.            ...   ...   ...   ...	118, 122, 126



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**CLASSIFIED LIST**  
**OF**  
**OFFICERS OF THE GEOLOGICAL SURVEY OF INDIA**  
**ON THE**  
**1st October 1873.**

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Number of Officers in each grade.	NAMES.	Substantive appointment.	Duty on which at present employed.	DATE OF APPOINTMENT.		SALARIES INCLUDING ALLOWANCES.				REMARKS.
				First appointment to the Survey Department.	To present grade when sanctioned.	Pay.	Travelling & Horse Allowance.	Additional pay as Deputy Superintendent.	Total Pay and Allowances.	
						Rs.	Rs.	Rs.	Rs.	
1	Thomas Oldham ... ..	Superintendent, Geological Survey...	On sick leave ... ..	Mar. 5, 1851	Mar. 5, 1851	1,850	360	...	2,210	Allowed 9 months' sick furlough from the date on which he makes over charge of the collections of the Geological Survey Department at Vienna. Availed himself of his leave on the 16th July 1873.
1ST GRADE Rs. 700, RISING TO Rs. 1,000.										
1	H. B. Medicott ... ..	Dy. Superintendent for Bengal ...	Offg. Suptd., Geological Survey of India.	Mar. 24, 1854	May 1, 1866	1,000	130	100	1,230	Appointed to officiate as Superintendent of the Geological Survey.
2	W. T. Blanford ... ..	Ditto Bombay ... ..	On sick leave ... ..	Oct. 1, 1855	Ditto ...	1,000	130	100	1,230	Extension of sick leave for six months.
3	William Theobald ... ..	Assistant, Geological Survey ...	Examination of Sivaliks ...	Nov. —, 1848	Mar. 31, 1869	950	130	...	1,080	
4	Dr. F. Stoliczka ... ..	Palæontologist ... ..	Deputed to Yarkand ... ..	Dec. 27, 1862	May 1, 1872	900	130	...	1,030	
2ND GRADE Rs. 550, RISING TO Rs. 700.										
1	William King, Jr. ... ..	Dy. Superintendent for Madras ...	Examination of Lower Godavari (Deputed to Vienna).	Mar. 4, 1857	May 1, 1866	700	130	100	930	
2	R. B. Foote ... ..	Assistant, Geological Survey ...	Examination of South Mahratta Country (Deputed to Vienna).	Sept. 28, 1858	Ditto ...	700	130	...	830	
3	A. B. Wynne ... ..	Ditto ... ..	Examination of Punjab and Kohat ...	Nov. 13, 1862	Mar. 31, 1869	700	130	...	830	
4	F. R. Mallet ... ..	Ditto ... ..	Ditto of Western Doars ...	Feb. 12, 1859	May 1, 1872	700	130	...	830	
3RD GRADE Rs. 350, RISING TO Rs. 500.										
1	W. L. Willson ... ..	Assistant, Geological Survey ...	Examination of Banda and Rewah ...	Mar. 4, 1857	May 1, 1866	500	130	...	630	
2	F. Fedden ... ..	Ditto ... ..	On sick leave ... ..	Oct. 1, 1860	Ditto ...	500	130	...	630	
3	C. A. Hacket ... ..	Ditto ... ..	Examination of N. E. Rajputana ...	Nov. 11, 1861	Ditto ...	500	130	...	630	Took 3 months' privilege leave from 15th July 1873.
4	T. W. H. Hughes ... ..	Ditto ... ..	Ditto of Wardha Coal Field ...	Nov. 11, 1862	Ditto ...	500	130	...	630	
5	V. Ball ... ..	Ditto ... ..	Examination of Sa:पुरा Coal Field (Deputed to Vienna).	Oct. 29, 1864	Ditto ...	500	130	...	630	
6	Dr. W. Waagen ... ..	Ditto ... ..	On sick leave, Europe ... ..	Dec. 15, 1870	Dec. 15, 1870	450	130	...	580	
7	A. Tween ... ..	Curator and Registrar ... ..	At Office and Museum, Calcutta ...	May 12, 1859	May 1, 1866	500	150	...	650	
8	Vacant ... ..	.....	.....	...	...	...	...	...	...	This vacancy is kept up by the appropriation of the pay to the experimental institution of Native apprentices.
UNGRADED OFFICERS.										
	Mark Fryar ... ..	Mining Geologist ... ..	Examination of Tenasserim Provinces ...	May 1, 1868	May 1, 1868	750	280	...	1,030	Will rise to Rs. 1,000.
	T. H. Turner ... ..	Assistant Curator ... ..	At Office and Museum, Calcutta ...	April 1, 1869	April 1, 1869	250	...	...	250	Took Privilege Leave for 1 month and 13 days from 23rd August 1873. Returned to office on the morning of the 24th September 1873.
	Ram Singh ... ..	Apprentice ... ..	Office ... ..	Mar. 21, 1873	Mar. 21, 1873	30	...	...	30	Attending science lectures at the Presidency College.



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GENERAL LIST  
OF  
OFFICERS OF THE GEOLOGICAL SURVEY OF INDIA  
ON THE  
1st October 1873.

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General Seniority No.	NAMES.	Passed in the Vernacular.	Age.			Rank.	Grade.	Salary.	Date of appointment to present grade.	Date of first appointment to the Department.	Period of service in present grade.			Period of service counting for Pension up to 30th September 1873.	Present Post.	REMARKS.	
			Y.	M.	D.						Y.	M.	D.				
1	Thomas Oldham ...	...	55	3	13	Supdt., Geol. Surv.	...	1,850	Mar. 5, 1851	Mar. 5, 1851	22	6	27	22	4	11	On sick leave.
2	William Theobald ...	...	44	5	14	Asst., Supdt. Surv.	1st Grade	950	Mar. 31, 1869	Nov. 1848	4	6	1	20	11	7	Examination of Sivaliks.
3	H. B. Medlicott ...	...	44	1	29	Deputy Superintendent for Bengal.	Ditto ...	1,000+100	May 1, 1868	Mar. 24, 1854	7	5	0	18	6	19	Officiating Superintendent, Geological Survey.
4	W. T. Blanford ...	...	40	11	25	Ditto Bombay ...	Ditto ...	1,000+100	Ditto ...	Oct. 1, 1855	7	5	0	16	5	0	On sick leave.
5	William King, Jr. ...	...	40	2	16	Ditto Madras ...	2nd Grade	700+100	Ditto ...	Mar. 4, 1857	7	5	0	15	3	28	Deputed to Vienna. Examination of Godaveri District.
6	W. L. Willson ...	...	50	4	1	Asst., Geol. Survey	3rd Grade	500	Ditto ...	Ditto	7	5	0	15	6	28	Examination of Banda and Rewah.
7	R. B. Foote ...	...	39	0	9	Ditto ...	2nd Grade	700	Ditto ...	Sept. 28, 1858	7	5	0	13	5	3	Deputed to Vienna. Examination of South Mahratta Country.
8	F. R. Mallet ...	Oct. 5, 1868	32	7	19	Ditto ...	Ditto ...	700	May 1, 1872	Feb. 12, 1859	1	5	0	9	7	17	Examination of Western Doars.
9	A. Tween ...	Mar. 8, 1865	51	10	26	Curator & Registrar	3rd Grade	500	May 1, 1866	May 12, 1859	7	5	0	12	5	28	Curator and Chemist at Head Office.
10	F. Fedden ...	...	34	6	10	Asst., Geol. Survey	Ditto ...	500	Ditto ...	Oct. 1, 1860	7	5	0	11	1	9	On sick leave.
11	C. A. Hacket ...	Oct. 5, 1868	40	2	20	Ditto ...	Ditto ...	500	Ditto ...	Nov. 11, 1861	7	5	0	11	10	20	Examination of N. E. Rajputana.
12	T. W. H. Hughes ...	Aug. 3, 1868	30	1	30	Ditto ...	Ditto ...	500	Ditto ...	Nov. 11, 1862	7	5	0	9	4	20	Examination of Wardha Coal Field.
13	A. B. Wynne ...	Nov. 9, 1868	37	11	17	Ditto ...	2nd Grade	700	Mar. 31, 1869	Nov. 13, 1862	4	6	1	9	3	23	Examination of Punjab and Kohat.
14	Dr. F. Stoliczka ...	Not required to pass.	35	3	24	Palaeontologist ...	1st Grade	900	May 1, 1872	Dec. 27, 1862	1	5	0	10	9	5	Deputed to Yarkand.
15	V. Ball ...	Oct. 1, 1867	30	2	18	Asst., Geol. Survey	3rd Grade	500	May 1, 1866	Oct. 29, 1864	7	5	0	8	11	3	Deputed to Vienna. Examination of Satpura Coal Field.
16	Dr. Wm. Waagen ...	June 5, 1871	30	3	2	Ditto ...	Ditto ...	450	Dec. 15, 1870	Dec. 15, 1870	2	9	17	2	0	16	On sick leave.
17	Vacant ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
UNGRADED OFFICERS.																	
18	Mark Fryar ...	...	41	3	10	Mining Geologist...	No Grade	750	May 1, 1868	May 1, 1868	5	5	0	5	5	0	Tenasserim Provinces.
19	T. H. Turner ...	...	33	3	6	Asst. Curator ...	Ditto ...	250	April 1, 1869	April 1, 1869	4	6	0	4	6	0	Museum and Office.
	Ram Singh† ...	...	...	...	...	Apprentice.	Ditto ...	30	Mar. 21, 1873	Mar. 21, 1873	0	6	11	0	6	11	Office.

† Ram Singh's birthday is not known.



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DISPOSITION LIST  
OF  
OFFICERS OF THE GEOLOGICAL SURVEY OF INDIA  
ON THE  
1st October 1873.

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NAMES OF OFFICERS.	Where employed.	Number in General List.	Rank and Grade.	Date of assuming charge.	STRENGTH OF SUBORDINATE ESTABLISHMENT OF ALL GRADES.						Office Establishment.	Where employed during last three years.	Annual cost (salary, contingencies, travelling allowances of officer and his subordinates, if any).	REMARKS.		
					1st grade.				Non-graded Officers.						Clerks & Draftsmen.	Peons & Servants.
					No.	No.	No.	No.	No.	No.						
Thomas Oldham	On sick leave	1	Supdt., Geological Survey.	Mar. 5, 1851	4	4	7	3	9	20	1870-71. Office and Chanda Godaveri District and Office... 1871-72. At Head Quarters ... 1872-73. At Head Quarters ...	Salary ... 21,643 8 8 Allowances ... 4,320 0 0	25,963 8 8			
H. B. Medlicott	At Head Quarters	3	Deputy Supdt., 1st grade.	Mar. 24, 1854							1870-71. Bundelcund, and South Narsinghpur and Satpura ... 1871-72. Satpura ... 1872-73. Narbada Valley ...	Salary and allowances ... 14,760 0 0 Extra travelling, etc. ... 1,373 0 0				
W. T. Blanford	On sick leave	4	Ditto	Oct. 1, 1855							1870-71. Nagpur, Orissa, and Office ... 1871-72. Bombay and Persia ... 1872-73. On sick leave ...	Salary and allowances ... 14,760 0 0 Extra travelling, etc. ... 125 0 0	16,133 0 0			
William Theobald	Sivalik Hills	2	Ditto	Nov. 1848							1870-71. } 1871-72. } British Burma ... 1872-73. }	Salary and allowances ... 13,750 0 0 Extra Travelling, etc. ... 564 0 0 Interpreter (Subordinate) ... 300 0 0	14,614 0 0			
Dr. F. Stoliczka	Yarkund Mission	14	Palaeontologist, 1st grade.	Dec. 27, 1862							1870-71. At Office and Cutch ... 1871-72. At Cutch and Office ... 1872-73. At Office, Calcutta ...	Salary and allowances ... 11,610 0 0 Extra allowance, etc. ... 120 0 0	11,730 0 0			
William King, jr.	Godaveri District	5	Deputy Supdt., 2nd grade.	Mar. 4, 1857							1870-71. Kadapur, Madras Presidency ... 1871-72. Godaveri District ... 1872-73. Godaveri ...	Salary and allowances ... 11,160 0 0 Extra travelling, etc. ... 1,210 8 0 N. Doctor's pay, etc. ... 611 15 9	12,182 7 9			
R. B. Foote	Upper Kristna Valley	7	Asst., 2nd grade	Sep. 28, 1858							1870-71. Kaladghi and Belgaum ... 1871-72. Belgaum ... 1872-73. Upper Kristna Valley ...	Salary and allowances ... 9,960 0 0 Extra travelling, etc. ... 1,009 5 11	10,969 5 11			
A. B. Wynne	Punjab and Kohat	13	Ditto	Nov. 13, 1862							1870-71. Salt Range ... 1871-72. Hazara ... 1872-73. Punjab and Kohat ...	Salary and allowances ... 9,960 0 0 Extra travelling, etc. ... 682 13 0 N. Doctor's pay, etc. ... 450 13 4	11,093 10 4			
F. R. Mallet	Western Dooars	8	Ditto	Feb. 12, 1859							1870-71. South Mirzapur ... 1871-72. South Mirzapur and Singrowli ... 1872-73. Hazaribagh ...	Salary and allowances ... 9,501 14 8 Extra travelling, etc. ... 914 2 6 N. Doctor's pay, etc. ... 203 7 9	10,709 8 11			
W. L. Willson	Banda and Rewah	6	Asst., 3rd grade	Mar. 4, 1857							1870-71. N.-W. and Central Provinces... 1871-72. Ditto ditto ... 1872-73. Banda and Rewah ...	Salary and allowances ... 7,560 0 0 Extra travelling, etc. ... 1,022 0 3	8,582 0 3			
F. Fedden	On sick leave	10	Ditto	Oct. 1, 1860							1870-71. Chanda ... 1871-72. Nagpur ... 1872-73. On sick leave ...	Salary and allowances ... 7,560 0 0 Extra travelling, etc. ... 94 0 3	7,654 0 3			
C. A. Hacket	N. E. Rajputana	11	Ditto	Nov. 11, 1861							1870-71. Jabalpur ... 1871-72. South Rewah ... 1872-73. Narbada Valley ...	Salary and allowances ... 7,560 0 0 Extra travelling, etc. ... 1,115 8 0	8,675 8 0			
T. W. H. Hughes	Wardha Coal-field	12	Ditto	Nov. 11, 1862							1870-71. East Berar and leave ... 1871-72. Leave ... 1872-73. Wardha Coal-field ...	Salary and allowances ... 7,560 0 0 Extra travelling, etc. ... 684 8 0 N. Doctor's pay, etc. ... 74 12 0	8,319 4 0			
V. Ball	Narbada Valley	15	Ditto	Oct. 29, 1864							1870-71. Chota Nagpur ... 1871-72. Ditto ... 1872-73. Ditto ...	Salary and allowances ... 7,560 0 0 Extra travelling, etc. ... 675 11 6 N. Doctor's pay, etc. ... 24 11 9	8,260 7 3			
Dr. W. Waagen	On sick leave	16	Ditto	Dec. 15, 1870							1870-71. At Office ... 1871-72. Salt-range, at Kohat, Hazara... 1872-73. On sick leave ...	Salary and allowances ... 5,037 1 4 Extra travelling, etc. ... 441 5 0	5,528 6 4			
A. Tween	At Office and Museum	9	Ditto	May 12, 1859							1870-71. At Museum and Office ... 1871-72. Ditto ... 1872-73. Ditto ...	Salary ... 6,000 0 0 Allowances ... 1,800 0 0	7,800 0 0			
Vacant																
Mark Fryar	Tenasserim Province	18	Mining Geologist	May 1, 1868							1870-71. Chanda, Tenasserim Province ... 1871-72. Tenasserim Province ... 1872-73. Ditto ditto ...	Salary and allowances ... 9,910 0 0 Allowances ... 2,100 0 0	12,010 0 0	Local allowances, if any, unknown.		
T. H. Turner	At Office and Museum	19	Asst. Curator	April 1, 1869							1869. At Office and Museum ... 1873. Ditto ditto ...	Salary ... 3,000 0 0	3,000 0 0			
Ram Singh	Ditto ditto	20	Apprentice	Mar. 21, 1873							1873. Ditto ditto ...	Salary ... 360 0 0	360 0 0			

NOTE—The "annual cost" as given above, is the cost for twelve months, from 1st April 1872 to 31st March 1873. It

to some extent a variable item depending on cost of travelling, this depending on district engaged in, etc., etc.



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OF  
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**CLASSIFIED LIST**  
OF  
OFFICERS OF THE FOREST DEPARTMENT IN THE BENGAL PRESIDENCY  
ON THE  
1st October 1873.

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Number of Officers in each Grade.	NAMES.	Qualifications in Surveying and the Vernaculars.	Substantive appointments of Officiating Officers.	Province to which at present attached.	DATE OF APPOINTMENT.		SALARIES.			REMARKS.
					First appointment to Controlling Establishment.	To present grade.	Salary of substantive appointment.	Officiating or personal allowances.	Total.	
							Rs.	Rs.	Rs.	
	INSPECTOR GENERAL OF FORESTS.									
	Mr. D. Brandis, Ph. D. ... ..	H. S. & Sv.	...	Head Quarters of the Government of India.	Jan. 16, 1856	April 1, 1864	1,700	...	1,700	On leave for 20 months, from 4th February 1871. Extension of leave granted to 14th November 1873. Rising by annual increments of Rs. 50 to Rs. 2,000.
	„ B. Powell, C. S., <i>Officiating</i> ... ..	P. H.	...	Ditto	April 1, 1869	July 6, 1873	1,400	100	1,500	
	CONSERVATORS—(7).									
	1ST CLASS—PAY Rs. 1,600.									
1	Lieut.-Colonel G. F. Pearson, M. S. C. ... ..	P. H.	...	North-Western Provinces	Sept. 21, 1860	Dec. 1, 1872	1,600	...	1,600	On furlough for 2 years. Expected to return, 30th December 1874.
	2ND CLASS—PAY Rs. 1,400.									
2	Mr. B. Powell ... ..	P. H.	...	Punjab	April 1, 1869	July 6, 1873	1,400	...	1,400	Offg. as Inspector General of Forests.
	3RD CLASS—PAY Rs. 1,200.									
	Vacant ... ..	...	...	...	...	...	...	...	...	
	4TH CLASS—PAY Rs. 1,000.									
3	Captain W. J. Seaton, M. S. C. ... ..	P. H.	...	Burma	Dec. 7, 1860	Nov. 25, 1867	1,000	...	1,000	
4	„ J. C. Doveton, M. S. C. ... ..	H. S.	...	Central Provinces	April 8, 1864	Sept. 1, 1868	1,000	...	1,000	
5	„ E. S. Wood ... ..	H. S. & Sv.	...	Oudh	Feb. 1, 1864	Oct. 10, 1868	700	...	700	On leave for 18 months, from 21st May 1870. Granted four extensions of leave for six months. Expected to return on 21st November 1873.
6	„ G. J. Van Someren, 25th M. N. I. ... ..	P. H.	...	Mysore and Coorg	May 9, 1864	Jan. 6, 1869	1,000	...	1,000	
7	„ W. Schlich, Ph. D. ... ..	Sindi—L. S.	...	Bengal	Dec. 21, 1866	Dec. 2, 1872	1,000	...	1,000	
	<i>Officiating.</i>									
	Captain W. Stenhouse, 32nd M. N. I. ... ..	P. H.	Deputy Conservator, 2nd Grade.	Oudh	Dec. 5, 1862	May 12, 1869	700	...	700	<i>Officiating for Captain Wood.</i>
	Mr. G. Greig ... ..	L. S. & Sv.	Deputy Conservator, 2nd Grade.	North-Western Provinces	Mar. 1, 1869	Jan. 28, 1871	700	300	1,000	<i>Officiating for Lieutenant-Colonel Pearson.</i>
	„ B. Ribbentrop ... ..	L. S. & Sv.	Deputy Conservator, 2nd Grade.	Punjab	Dec. 21, 1866	July 6, 1873	700	250	950	In charge of the Office of Conservator of Forests, Punjab, vice Mr. B. Powell.
	DEPUTY CONSERVATORS—(19).									
	1ST GRADE—PAY Rs. 900.									
1	Mr. R. P. Colvin ... ..	L. S.	...	North-Western Provinces	May 7, 1864	Nov. 1, 1870	900	...	900	
2	Captain W. Douglas, M. S. C. ... ..	P. H.	...	Burma	Jan. 30, 1862	Aug. 5, 1871	900	...	900	
3	„ F. Bailey, R. E. ... ..	L. S. & Sv.	...	Survey Branch	Sept. 24, 1871	Oct. 5, 1872	900	...	900	
4	Mr. H. Leeds, ... ..	...	...	Central Provinces	June 17, 1858	Dec. 2, 1872	900	...	900	
	2ND GRADE—PAY Rs. 700.									
5	Lieut.-Col. C. Batchelor, 3rd B. E. L. C. ... ..	P. H.	...	Punjab	April 7, 1865	Oct. 1, 1870	700	...	700	
6	Captain W. Stenhouse, 32nd M. N. I. ... ..	P. H.	...	Berar	Dec. 5, 1862	Nov. 25, 1870	700	...	700	Officiating as Conservator of Forests, Oudh.
7	Mr. W. Jacob ... ..	...	...	Central Provinces	May 28, 1864	Jan. 4, 1871	700	...	700	
8	„ I. E. O'Callaghan ... ..	L. S.	...	North-Western Provinces	May 8, 1868	March 1, 1871	700	...	700	
9	„ B. Browne ... ..	H. S. & Sv.	...	Punjab	Dec. 15, 1868	May 11, 1871	700	...	700	
10	„ B. Ribbentrop ... ..	L. S. & Sv.	...	Punjab	Dec. 21, 1866	March 1, 1872	700	...	700	In charge of the Office of Conservator of Forests, Punjab, vice Mr. B. Powell.
11	„ J. A. Murray ... ..	...	...	Punjab	Mar. 14, 1861	July 20, 1872	700	...	700	
12	„ G. Greig ... ..	L. S. & Sv.	...	North-Western Provinces	Mar. 1, 1869	Dec. 1, 1872	700	...	700	Officiating as Conservator of Forests, North-Western Provinces.
13	Captain H. C. T. Jarrett, V. C. S. C. ... ..	P. H.	...	Mysore	Sept. 28, 1866	Jan. 1, 1873	700	...	700	
14	„ M. J. Slyn ... ..	...	...	Burma	Dec. 6, 1860	Jan. 2, 1873	700	...	700	

Number of Officers in each Grade.	NAMES.	Qualifications in Surveying and the Vernaculars.	Substantive appointments of Officiating Officers.	Province to which at present attached.	DATE OF APPOINTMENT.		SALARIES.			REMARKS.
					First appointment to Controlling Establishment.	To present grade.	Salary of substantive appointment.	Officiating or personal allowances.	Total.	
							Rs.	Rs.	Rs.	
DEPUTY CONSERVATORS,—continued.										
3RD GRADE—PAY Rs. 500.										
15	Mr. G. W. Strettell ... ..	Sind (Coloquial)	...	Burma ... ..	Aug. 13, 1857	Mar. 8, 1869	500	...	500	
16	" C. F. Amery ... ..	...	...	North-Western Provinces ... ..	July 1, 1867	Feb. 1, 1871	500	...	500	
17	" R. H. E. Thompson ... ..	...	...	Central Provinces... ..	Jan. 1, 1860	Oct. 6, 1871	500	...	500	
18	" A. L. Home ... ..	L. S.	...	Bengal ... ..	Mar. 1, 1864	Oct. 6, 1871	500	...	500	
19	" G. Duff ... ..	L. S. & Sv.	...	Punjab ... ..	Oct. 15, 1869	Jan. 5, 1872	500	...	500	
1	Capt. C. W. Losack ... ..	L. S. & Sv.	...	Bengal ... ..	Dec. 25, 1867	Sept. 27, 1872	500	...	500	Additional Deputy Conservator. Temporary appointment.
<i>Officiating.</i>										
	Mr. A. T. Drysdale ... ..	H. S. & Sv.	Asst. Conserv., 1st grade...	Berar ... ..	June 27, 1868	July 17, 1871	450	50	500	Vice Capt. Stenhouse.
ASSISTANT CONSERVATORS—(52).										
1ST GRADE—PAY Rs. 450.										
1	Mr. G. Mann ... ..	L. S.	...	Bengal ... ..	Dec. 1, 1864	Jan. 1, 1870	450	...	450	
2	" J. Adamson ... ..	L. S.	...	Burma ... ..	April 1, 1861	Oct. 7, 1870	450	...	450	
3	" W. Brereton ... ..	L. S.	...	North-Western Provinces ... ..	Aug. 21, 1866	Nov. 1, 1870	450	...	450	
4	" A. T. Drysdale ... ..	H. S. & Sv.	...	Berar ... ..	June 27, 1868	June 27, 1871	450	...	450	Officiating as Deputy Conservator, Berar.
5	" F. Y. Elsner ... ..	P. B. & Sv.	...	Burma ... ..	Dec. 6, 1868	Oct. 6, 1871	450	...	450	
6	" C. J. Ponsonby ... ..	L. S. Sv. & Sindi.	...	Oudh ... ..	May 28, 1868	Mar. 6, 1872	450	...	450	
7	" E. Sparling ... ..	...	...	Punjab ... ..	May 1, 1865	April 2, 1872	450	...	450	
2ND GRADE—PAY Rs. 350.										
8	Mr. A. M. Buchanan ... ..	P. B.	...	Burma ... ..	June 1, 1866	June 1, 1866	350	...	350	
9	" N. Daly ... ..	P. B.	...	Burma ... ..	June 1, 1866	Jan. 1, 1869	350	...	350	
10	" J. Macpherson ... ..	P. B. & C.	...	Mysore ... ..	Nov. 15, 1868	June 1, 1870	350	...	350	
11	" A. R. Grant ... ..	L. S.	...	North-Western Provinces ... ..	June 10, 1867	Aug. 2, 1870	350	...	350	
12	" E. Ludlow ... ..	P. C.	...	Mysore ... ..	Jan. 14, 1867	Sept. 7, 1870	350	50	400	
13	" J. C. MacDonnell ... ..	L. S. & Sv.	...	Punjab ... ..	Aug. 1, 1867	Oct. 1, 1870	350	...	350	
14	Captain J. E. Campbell, S. C. ... ..	H. S. & Sv.	...	North-Western Provinces ... ..	April 14, 1871	April 14, 1871	350	...	350	
15	Mr. A. Pengelly, M. A. ... ..	Sindi & Sv.	...	North-Western Provinces ... ..	Oct. 1, 1869	July 15, 1871	350	...	350	
16	" W. Rigby ... ..	L. S. & Sv.	...	Punjab ... ..	Sept. 11, 1869	Aug. 7, 1871	350	...	350	On leave for 18 months, from 3rd April 1872. Granted an extension of 6 months' leave. Expected to return on 3rd April 1874.
17	" W. G. Allen ... ..	L. S. & Sv.	...	Punjab ... ..	July 2, 1871	Aug. 7, 1871	350	...	350	
18	" C. Bagshawe ... ..	L. S.	...	North-Western Provinces ... ..	Oct. 22, 1870	Oct. 30, 1871	350	...	350	
19	" J. K. Hume ... ..	P. B. & Sv.	...	Burma ... ..	Oct. 1, 1869	Dec. 10, 1871	350	...	350	
20	" R. S. Dodsworth ... ..	H. S. & Sv.	...	Oudh ... ..	Nov. 25, 1870	Jan. 5, 1872	350	...	350	
21	" H. H. Davis ... ..	L. S.	...	Bengal ... ..	Jan. 1, 1870	Jan. 9, 1872	350	...	350	
22	" E. M. Moir ... ..	L. S. & Sv.	...	Ajmir ... ..	Oct. 1, 1869	Jan. 25, 1872	350	...	350	
23	" C. F. Nepcan ... ..	P. B. & G. Sv.	...	Burma ... ..	Nov. 12, 1865	Jan. 26, 1872	350	...	350	

Number of Officers in each Grade.	NAMES.	Qualifications in Surveying and the Vernaculars.	Substantive appointments of Officiating Officers.	Province to which at present attached.	DATE OF APPOINTMENT.		SALARIES.			REMARKS.
					First appointment to Controlling Establishment.	To present grade.	Salary of substantive appointment.	Officiating or personal allowances.	Total.	
							Rs.	Rs.	Rs.	
ASSISTANT CONSERVATORS—concluded.										
2ND GRADE—PAY Rs. 350—continued.										
24	Mr. C. F. Elliott	L. S. & Sv.	...	Punjab						
25	„ R. H. M. Ellis	L. S. & Sv.	...	Punjab	Jan. 1, 1869	April 1, 1872	350	...	350	
26	„ G. G. Minniken	L. S. & Sv.	...	Punjab	Jan. 7, 1869	April 1, 1872	350	...	350	
27	„ A. E. Wild	L. S. & Sv.	...	Punjab	Mar. 1, 1870	April 1, 1872	350	...	350	
28	„ W. S. Hillier	L. S. & Sv.	...	Punjab	Oct. 1, 1869	April 12, 1872	350	...	350	
29	„ W. H. Reynolds	L. S. & Sv.	...	Survey Branch	July 17, 1869	July 6, 1872	350	...	350	
					Feb. 1, 1871	July 20, 1872	350	...	350	
3RD GRADE—PAY Rs. 250.										
30	Mr. F. C. Hicks	...	...	Mysore						
31	Shaik Mohi-ud-din	P. H.	...	North-Western Provinces	Mar. 23, 1868	Mar. 23, 1868	250	...	250	
32	Mr. L. Gavin	Sv.	...	Central Provinces	Aug. 16, 1869	Aug. 16, 1869	250	...	250	On probation.
33	Moung Poh-oh	B. & Sv.	...	Burma	Oct. 1, 1869	Oct. 1, 1869	250	...	250	On leave for 1 year, from 1st September 1873. Expected to return on 1st September 1874.
34	Mr. H. P. Thomas	L. S. & Sv.	...	Central Provinces	Oct. 1, 1869	Oct. 1, 1869	250	...	250	
35	„ J. M. Braidwood	L. S.	...	North-Western Provinces	July 18, 1870	July 18, 1870	250	...	250	
36	„ W. Shakespear	L. S. & Sv.	...	Bengal	Nov. 9, 1870	Nov. 9, 1870	250	...	250	
37	„ E. Forrest	L. S.	...	Bengal	July 18, 1870	Mar. 22, 1871	250	...	250	
38	„ A. P. Aylmer	...	...	Bengal	May 23, 1871	May 23, 1871	250	...	250	
39	„ M. H. Ferrars, B. A.	P. B. & Sv.	...	Burma	June 4, 1870	June 19, 1871	250	...	250	
40	„ J. T. Jellicoe	Sv.	...	Mysore	Sept. 25, 1871	Sept. 25, 1871	250	...	250	
41	„ J. S. Gamble, B. A.	Sv. } Has some knowledge of Burmese.	...	Bengal	Sept. 25, 1871	Sept. 25, 1871	250	...	250	
42	„ B. H. C. Whittall	L. S. & Sv.	...	North-Western Provinces	Oct. 18, 1871	Oct. 18, 1871	250	...	250	
43	„ G. H. Foster,	...	...	Central Provinces	Oct. 18, 1871	Oct. 18, 1871	250	...	250	
44	„ G. A. Watters	L. S.	...	Punjab	April 1, 1871	Jan. 5, 1872	250	...	250	
45	„ L. A. W. Rind	L. S. & Sv.	...	Burma	April 30, 1872	April 30, 1872	250	...	250	
46	„ F. O. LeMarchand	L. S. & Sv.	...	Punjab	June 11, 1872	June 11, 1872	250	...	250	
1	„ J. McKee	L. S. & Sv.	...	Central Provinces	July 5, 1872	July 5, 1872	250	...	250	
2	„ E. P. Dansey	Sv.	...	Burma	Sept. 27, 1872	Sept. 27, 1872	250	...	250	Supernumerary.
3	„ F. B. Dickenson	Sv.	...	Mysore	Sept. 28, 1872	Sept. 28, 1872	250	...	250	Ditto.
4	„ W. R. Fisher	L. S. & Sv.	...	Bengal	Sept. 28, 1872	Sept. 28, 1872	250	...	250	Ditto.
6	„ H. C. Hill	Sv.	...	Oudh	Sept. 28, 1872	Sept. 28, 1872	250	...	250	Ditto.
6	„ D. E. Hutchins	Sv.	...	Mysore	Sept. 28, 1872	Sept. 28, 1872	250	...	250	Ditto.
7	„ W. Johnstone, L. C. E.	Sv.	...	Bengal	Sept. 28, 1872	Sept. 28, 1872	250	...	250	Ditto.
8	„ E. P. Popert	Sv.	...	Burma	Sept. 28, 1872	Sept. 28, 1872	250	...	250	Ditto.
OFFICIATING ASSISTANT CONSERVATORS.										
1	Mr. H. E. Ring	L. S.	Sub-Assistant Conservator.	Coorg	Aug. 14, 1871	Aug. 14, 1871	200	50	250	Vice Mr. Drysdale.
2	„ G. Richardson	L. S.	Ditto	Central Provinces	Mar. 15, 1872	Mar. 15, 1872	200	50	250	Vice Mr. Rigny.

Number of Officer in each Grade.	NAMES.	Qualifications in Surveying and the Vernaculars.	Substantive appointments of Officiating Officers.	Province to which at present attached.
SUB-ASSISTANT CONSERVATORS—(16)				
1	Mr. J. Ballantyne	L. S.	Sub-Assistant Conservator.	Berar
2	„ H. B. Condon	L. S. & Sv.	Ditto	Punjab
3	„ G. Richardson	L. S.	Ditto	Central Provinces
4	„ J. S. Mackay	L. S. & Sv.	Ditto	Punjab
5	„ H. R. Ring	L. S.	Ditto	Coorg
6	„ W. King	L. S. & Sv.	Ditto	Mysore
7	„ G. Stratford	P. B. & Sv.	Ditto	Burma
8	„ A. L. Hough	P. B. & Sv.	Ditto	Burma
9	„ O. Greig	L. S. & Sv.	Ditto	North-Western Provinces
10	„ E. A. Down	L. S. & Sv.	Ditto	Ditto
11	„ E. Dobbs	P. C. & Sv.	Ditto	Central Provinces
12	„ C. W. Palmer	L. S.	Ditto	North-Western Provinces
13	Anwar Khan	H.	Ditto	Ajmir
14	Mr. C. E. Fendall	L. S. & Sv.	Ditto	Punjab
15	„ A. Stewart	L. S. & Sv.	Ditto	Punjab
16	„ T. G. Atkinson	L. S. & Sv.	Ditto	Punjab
1	„ P. Gough	H. S.	Ditto	North-Western Provinces

DATE OF APPOINTMENT.		SALARIES.			REMARKS.
First appointment to Controlling Establishment.	To present grade.	Salary of substantive appointment.	Officiating or personal allowances.	Total.	
		Rs.	Rs.	Rs.	
Oct. 19, 1868	Oct. 19, 1868	200	100	300	Under special covenant as a Forester.
Jan. 19, 1869	Jan. 19, 1869	200	...	200	
Dec. 6, 1869	Dec. 6, 1869	200	...	200	Officiating as Assistant Conservator, Central Provinces.
Jan. 15, 1870	Jan. 15, 1870	200	...	200	
July 1, 1870	July 1, 1870	200	...	200	Officiating as Assistant Conservator, Coorg.
July 26, 1870	July 26, 1870	150	...	150	
Sept. 6, 1870	Sept. 6, 1870	200	...	200	
Oct. 25, 1870	Oct. 25, 1870	200	...	200	
April 1, 1871	April 1, 1871	200	...	200	
May 29, 1871	May 29, 1871	200	...	200	
July 12, 1871	July 12, 1871	200	...	200	
April 30, 1872	April 30, 1872	200	...	200	
June 1, 1872	June 1, 1872	150	...	150	
July 5, 1872	July 5, 1872	200	...	200	
July 19, 1872	July 19, 1872	200	...	200	
Aug. 2, 1872	Aug. 2, 1872	200	...	200	
Sept. 27, 1872	Sept. 27, 1872	200	...	200	Supernumerary on leave.



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GENERAL LIST

OF

FOREST OFFICERS UNDER THE GOVERNMENT OF INDIA

ON THE

1st October 1873.

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General Seniority No.	NAMES.	Passed in the Vernacular and Surveying.	Age.			Rank.	Grade.	Salary.	Date of appointment to present grade.	Date of first appointment to the Forest Department.	Period of service in present grade.			Period of service counting for pension.			Present post.	REMARKS.
			Y.	M.	D.						Y.	M.	D.	Y.	M.	D.		
1	Mr. D. Brandis ...	H. S. & Sv.	...	...	...	Inspector General of Forests.	...	1,700	Apl. 1, 1864	Jan. 16, 1856	9	6	0	17	2	15	Head-quarters of the Government of India.	On leave.
2	Mr. G. W. Strettell ...	Sindi	32	11	20	Deputy Conservator	3rd Grade	500	Mar. 8, 1869	Aug. 13, 1857	4	1	22	8	11	29	Burma	...
3	Mr. A. M. Buchanan ...	P. B.	36	6	20	Asst. Conservator...	2nd Grade	350	June 1, 1868	Nov. 20, 1857 <sup>a</sup>	7	4	0	13	0	16	Burma	(a) As a Forest Clerk from 20th November 1857. On 13 months' sick leave from 28th May 1872.
4	Mr. H. Leeds ...	...	47	1	4	Deputy Conservator	1st Grade	900	Dec. 2, 1872	June 17, 1858	0	9	29	15	3	14	Central Provinces.	...
5	Mr. F. Y. Elsner ...	P. B. & Sv.	50	10	15	Asst. Conservator...	Ditto ...	450	Oct. 6, 1871	Dec. 6, 1858	1	11	25	14	9	25	Burma.	...
6	Moung Poh-oh... ..	B. & Sv.	34	8	17	Ditto ...	3rd Grade	250	Oct. 1, 1869	April 1, 1859 <sup>b</sup>	4	0	0	12	6	17	Burma	(b) As Forest Inspector from 1st April 1859.
7	Mr. B. H. E. Thompson ...	...	34	0	22	Deputy Conservator	Ditto ...	500	Oct. 6, 1871	Jan. 1, 1860	1	11	26	12	9	24	Central Provinces.	...
8	Lieut.-Col. G. F. Pearson, M. S. C.	P. H.	46	6	18	Conservator ...	1st Class	1,600	Dec. 1, 1872	Sept. 21, 1860	0	10	0	13	0	10	N. W. Provinces	On leave.
9	Mr. M. J. Slym ...	...	49	9	15	Deputy Conservator	2nd Grade	700	Jan. 2, 1873	Dec. 6, 1860	0	8	29	12	9	25	Burma.	...
10	Capt. W. J. Seaton, M. S. C.	P. H.	36	11	21	Conservator ...	4th Class	1,000	Nov. 25, 1867	Dec. 7, 1860	5	10	6	11	4	18	Burma.	...
11	Anwar Khan ...	H.	37	9	27	Sub-Asst. ditto ...	...	150	June 1, 1872	Feb. 1, 1861	1	4	0	12	8	0	Ajmir	As a Native Doctor from 1st February 1861.
12	Mr. J. A. Murray ...	...	42	4	17	Deputy Conservator	2nd Grade	700	July 20, 1872	Mar. 14, 1861	1	2	10	12	6	17	Punjab,	...
13	Mr. J. Adamson ...	L. S.	43	5	2	Asst. ditto ...	1st Grade	450	Oct. 7, 1860	Apl. 1, 1861	2	11	24	10	11	15	Burma.	...
14	Capt. W. Douglas, M. S. C....	P. H.	35	6	1	Deputy ditto ...	Ditto ...	900	Aug. 5, 1871	Jan. 30, 1862	2	1	26	9	8	8	Burma.	...
15	Capt. W. Stenhouse ...	P. H.	33	1	24	Ditto ...	2nd Grade	700	Nov. 25, 1870	Dec. 5, 1862 <sup>c</sup>	2	10	6	14	10	8	Berar	Offg. as Conservator of Forests, from 12th May 1869. (c) Includes Military Service.
16	Shaik Mohi-u-din ...	H.	39	3	0	Asst. Conservator...	3rd Grade	250	Aug. 16, 1869	Feb. 15, 1863 <sup>d</sup>	4	1	15	10	7	16	N. W. Provinces	(d) As Darogah from 15th Feb. 1863. On probation.
17	Capt. E. S. Wood ...	H. S. & Sv.	37	8	5	Conservator ...	4th Class	700	Oct. 10, 1868	Feb. 1, 1864	4	11	22	10	2	0	Oudh	On leave.
18	Mr. A. L. Home ...	L. S.	27	8	15	Deputy Conservator	3rd Grade	500	Oct. 6, 1871	Mar. 1, 1864	1	11	26	5	8	15	Bengal.	...
19	Capt. J. C. Doveton, M. S. C.	H. S.	34	6	21	Conservator ...	4th Class	1,000	Sept. 1, 1868	Apl. 8, 1864 <sup>e</sup>	5	1	0	9	5	24	Central Provinces	(e) Exclusive of Military Service.
20	Mr. E. Sparling ...	...	50	7	22	Asst. ditto ...	1st Grade	450	Apl. 2, 1872	Apl. 15, 1864	1	5	28	27	11	1 <sup>f</sup>	Punjab	(f) Includes service other than in the Forest Dept.
21	Mr. R. P. Colvin ...	L. S.	38	11	0	Deputy ditto ...	Ditto ...	900	Nov. 1, 1870	May 1, 1864	2	11	0	9	5	0	N. W. Provinces.	...
22	Mr. I. E. O'Callaghan ...	L. S.	51	0	3	Ditto ...	2nd Grade	700	Mar. 1, 1871	May 8, 1864	2	7	0	9	4	23	N. W. Provinces.	...
23	Capt. G. J. Vansomeren ...	P. H.	31	2	27	Conservator ...	4th Class	1,000	Jan. 6, 1869	May 9, 1864	4	8	25	9	4	22	Mysore and Coorg.	...
24	Mr. W. Jacob ...	...	40	9	8	Deputy ditto ...	2nd Grade	700	Jan. 4, 1871	May 23, 1864	2	8	28	12	4	17	Central Provinces.	...
25	Mr. G. Mann ...	L. S.	37	8	11	Asst. ditto ...	1st Grade	450	Jan. 1, 1870	Dec. 1, 1864	3	9	0	8	10	0	Bengal.	...
26	Lieut.-Col. C. Batchelor, 3rd B. E. L. C.	P. H.	43	5	22	Deputy ditto ...	2nd Grade	700	Oct. 1, 1870	Apl. 7, 1865 <sup>g</sup>	3	0	0	8	5	23	Punjab	(g) Military Service not included.
27	Mr. B. Browne ...	H. S. & Sv.	44	10	17	Ditto ...	Ditto ...	700	May 11, 1871	Apl. 1, 1865	2	4	19	23	11	14 <sup>h</sup>	Punjab	(h) Includes service other than in the Forest Dept.
28	Mr. H. Rigby ...	L. S. & Sv.	30	2	22	Asst. Conservator...	Ditto ...	350	Aug. 7, 1871	June 1, 1865	2	1	23	8	2	0	Punjab	On leave.
29	Mr. C. F. Amery ...	...	40	4	5	Deputy Conservator	3rd Grade	500	Feb. 1, 1871	July 1, 1865	2	8	0	8	3	0	N. W. Provinces.	...
30	Mr. C. F. Nepean ...	P. B. & G. Sv.	41	9	29	Asst. Conservator...	2nd Grade	350	Jan. 26, 1872	Nov. 12, 1865	1	8	5	7	10	9	Burma.	...
31	Mr. N. Daly ...	P. B.	33	11	8	Ditto ...	Ditto ...	350	Jan. 1, 1869	June 1, 1866	4	9	0	7	4	0	Burma.	...
32	Mr. W. Brereton ...	L. S.	28	7	14	Ditto ...	1st Grade	450	Nov. 1, 1870	Aug. 21, 1866	2	11	0	6	1	10	N. W. Provinces.	...
33	Mr. F. H. C. Hicks ...	...	32	4	6	Ditto ...	3rd Grade	250	Mar. 23, 1868	Sept. 1, 1866	5	6	8	7	1	0	Mysore.	...
34	Capt. H. C. T. Jarrett, v. c. & s. c.	P. H.	36	6	8	Deputy Conservator	2nd Grade	700	Jan. 1, 1873	Sept. 23, 1866	0	9	0	7	0	2	Mysore.	...
35	Dr. W. Schlich ...	Sindi—L. S.	33	7	0	Conservator ...	4th Class	1,000	Dec. 2, 1872	Dec. 21, 1866	0	9	29	6	9	10	Bengal.	...
36	Mr. B. Ribbentrop ...	L. S. & Sv.	30	2	5	Deputy Conservator	2nd Grade	700	Mar. 1, 1872	Dec. 21, 1866	1	7	0	6	9	10	Punjab	In charge of the Office of Conservator of Forests, Punjab.
37	Mr. E. Ludlow ...	P. C.	28	10	7	Asst. Conservator...	Ditto ...	400	Sept. 7, 1870	Jan. 14, 1867	3	0	24	5	3	2	Mysore.	...
38	Mr. J. C. MacDonell ...	L. S. & Sv.	24	6	16	Ditto ...	Ditto ...	350	Oct. 1, 1870	Apl. 1, 1867	3	0	0	2	6	0	Punjab.	...
39	Mr. A. R. Grant ...	L. S.	30	7	0	Ditto ...	Ditto ...	350	Aug. 2, 1870	June 10, 1867	3	1	29	6	3	21	N. W. Provinces.	...
40	Mr. C. F. Elliot ...	L. S. & Sv.	26	8	18	Ditto ...	Ditto ...	350	Apl. 1, 1872	Dec. 5, 1867	1	6	0	4	6	0	Punjab.	...

General Ser- ial No.	NAMES.	Passed in the Vernacular and Surveying.	Age.		Rank.	Grade.	Salary. Rs.	Date of appoint- ment to present grade.	Date of first appointment to the Forest Department.	Period of service in present grade.			Period of service counting for pension.			Present post.	REMARKS.		
			Y.	M.						D.	Y.	M.	D.	Y.	M.			D.	
41	Capt. C. W. Losack	...	L. S. & Sv.	37	10	18	Deputy Conservator	3rd Grade	500	Sep. 27, 1872									
42	Mr. R. H. M. Ellis	...	L. S. & Sv.	31	8	16	Asst. Ditto	2nd Grade	350	Apl. 1, 1872	Dec. 25, 1867	1	0	3	5	9	6	Bengal	Additional Deputy Conservator. Temporary appoint- ment.
43	Mr. R. S. Dodsworth	...	H. S. & Sv.	24	11	23	Ditto	Ditto	350	Jan. 5, 1872	May 1, 1868	1	6	0	5	5	0	Punjab.	
44	Mr. C. Ponsonby	...	{ L. S. Sv. } { & Sindi. }	25	11	20	Ditto	1st Grade	450	Mar. 6, 1872	May 3, 1868	1	8	26	2	11	23	Oudh.	
45	Mr. A. T. Drysdale	...	H. S. & Sv.	28	6	28	Ditto	Ditto	450	June 27, 1871	May 28, 1868	1	6	25	3	11	20	Oudh.	
46	Mr. H. H. Davis	...	L. S.	27	6	25	Ditto	2nd Grade	350	Jan. 9, 1872	June 27, 1868	2	3	4	6	6	28	Berar	Officiating as Deputy Conservator, Berar, from 17th July 1871.
47	Mr. J. Ballantyne	...	L. S.	33	4	21	Sub-Asst. Conservr.	...	300	Oct. 19, 1868	Oct. 1, 1868	1	8	22	5	0	0	Bengal.	
48	Mr. J. Macpherson	...	P. B. & C.	26	2	16	Asst. Conservator...	2nd Grade	350	June 1, 1870	Oct. 19, 1868	4	11	12	4	11	12	Berar	Under covenant as a Forester.
49	Mr. G. H. Foster	...	...	23	11	28	Ditto	3rd Grade	250	Jan. 5, 1872	Nov. 15, 1868	3	4	0	4	2	16	Mysore.	
50	Mr. G. A. Watters	...	L. S. & Sv.	27	2	23	Ditto	Ditto	250	Apl. 30, 1872	Dec. 17, 1868	1	8	27	1	11	23	Central Provinces.	
51	Mr. H. B. Condon	...	L. S. & Sv.	26	0	0	Sub-Asst. Conservr.	...	200	Jan. 19, 1868	Jan. 7, 1869	1	5	0	4	8	24	Punjab.	
52	Mr. E. Forrest	...	L. S.	23	11	2	Asst. Conservator...	3rd Grade	250	May 23, 1871	Jan. 19, 1869	4	2	12	4	2	12	Punjab.	
53	Mr. A. P. Aylmer	...	...	28	6	0	Ditto	Ditto	250	June 19, 1871	Jan. 28, 1869	2	4	8	1	11	2	Bengal.	
54	Mr. H. P. Thomas	...	H. S. & Sv.	23	6	6	Ditto	Ditto	250	July 18, 1870	Feb. 8, 1869	2	3	12	4	7	23	Bengal.	
55	Mr. G. G. Minniken	...	L. S. & Sv.	26	7	15	Ditto	2nd Grade	350	Apl. 1, 1872	Feb. 14, 1869	3	1	13	1	6	6	Central Provinces.	
56	Mr. G. Grieg	...	L. S. & Sv.	34	6	0	Deputy Conservator	Ditto	700	Dec. 1, 1872	Feb. 25, 1869	1	6	0	4	7	5	Punjab.	
57	Mr. W. Shakespear	...	L. S. & Sv.	24	5	5	Asst. Conservator...	3rd Grade	250	Mar. 22, 1871	Mar. 1, 1869	0	10	0	4	7	0	N. W. Provinces	Officiating as Conservator of Forests, North-Western Provinces.
58	Mr. B. H. B. Powell, B. C. S.	...	P. H.	32	1	7	Consrvr. of Forests.	2nd Class	1,400	July 6, 1872	Mar. 27, 1869	2	6	9	2	0	5	Bengal.	
59	Mr. W. S. Hillier	...	L. S. & Sv.	30	0	25	Asst. Conservator...	2nd Grade	350	July 6, 1872	Apl. 1, 1869	0	2	25	4	6	0	.....	Officiating for Dr. Brandis as Inspector General of Forests, from 30th December 1872.
60	Mr. A. Pengelly, M. A.	...	P. S. & Sv.	30	8	22	Ditto	Ditto	350	July 15, 1871	July 17, 1869	1	4	24	4	3	19	Punjab.	
61	Mr. E. M. Moir	...	L. S. & Sv.	25	4	24	Ditto	Ditto	350	Jan. 25, 1872	Oct. 1, 1869	2	2	16	4	0	0	N. W. Provinces.	
62	Mr. J. K. Hume	...	P. B. & Sv.	27	6	10	Ditto	Ditto	350	Dec. 19, 1871	Oct. 1, 1869	1	8	5	4	0	0	Ajmir.	
63	Mr. L. Gavin	...	Sv.	25	8	27	Ditto	3rd Grade	250	Oct. 1, 1869	Oct. 1, 1869	1	9	12	4	0	0	Burma.	
64	Mr. A. E. Wild	...	L. S. & Sv.	26	7	20	Ditto	2nd Grade	350	Apl. 12, 1872	Oct. 1, 1869	4	0	0	3	8	27	Central Provinces.	On leave.
65	Mr. F. O. LeMarchand	...	L. S. & Sv.	24	2	0	Ditto	3rd Grade	250	July 5, 1872	Oct. 1, 1869	1	5	18	4	0	0	Punjab.	
66	Mr. J. McKee	...	L. S. & Sv.	24	9	21	Ditto	Ditto	250	Sep. 27, 1872	Oct. 1, 1869	1	2	25	2	6	0	Punjab.	
67	Mr. G. Duff	...	L. S. & Sv.	35	4	23	Deputy Conservator	Ditto	500	Jan. 5, 1872	Oct. 2, 1869	1	0	3	2	9	21	Central Provinces.	
68	Mr. G. Richardson	...	L. S.	24	11	19	Sub-Asst. Conservr.	...	200	Dec. 6, 1869	Oct. 15, 1869	1	8	25	3	11	16	Punjab.	
69	Mr. J. S. Mackay	...	L. S. & Sv.	29	11	18	Ditto	...	200	Jan. 15, 1870	Dec. 6, 1869	3	9	26	2	11	19	Central Provinces	Officiating as Assistant Conservator, 3rd Grade, in the Central Provinces, from 15th March 1872.
70	Mr. L. A. W. Rind	...	L. S. & Sv.	25	2	10	Asst. Conservator ..	3rd Grade	250	June 11, 1872	Jan. 15, 1870	3	8	15	3	8	15	Punjab.	
71	Mr. H. R. Ring	...	L. S.	26	5	14	Sub-Asst. Conservr.	...	200	July 1, 1870	Apl. 23, 1870	1	3	20	3	2	10	Burma.	
72	Mr. W. King	...	L. S. & Sv.	26	5	23	Ditto	...	150	July 26, 1870	July 1, 1870	3	3	0	3	3	0	Coorg	Officiating as Assistant Conservator, Coorg, 3rd Grade. from 14th August 1871.
73	Mr. G. Stratford	...	P. B. & Sv.	33	3	22	Ditto	...	200	Sep. 6, 1870	July 26, 1870	3	2	5	3	2	5	Mysore.	
74	Mr. C. Bagshawe	...	L. S.	26	10	27	Asst. Conservator...	2nd Grade	350	Oct. 30, 1871	Sept. 6, 1870	3	0	25	3	0	25	Burma.	
75	Mr. A. L. Hough	...	P. B. & Sv.	24	10	7	Sub-Asst. Conservr.	...	200	Oct. 25, 1870	Oct. 22, 1870	1	11	1	2	11	9	N. W. Provinces.	
76	Mr. J. M. Braidwood	...	L. S.	33	5	8	Asst. Conservator...	3rd Grade	250	Nov. 9, 1870	Oct. 25, 1870	2	10	7	2	10	7	Burma.	
77	Mr. W. H. Reynolds	...	L. S. & Sv.	30	7	10	Ditto	2nd Grade	350	July 20, 1872	Nov. 9, 1870	2	10	22	2	10	22	N. W. Provinces.	
78	Mr. C. V. Palmer	...	L. S.	23	6	7	Sub-Asst. Conservr....	...	200	April 30, 1872	Jan. 1, 1871	1	2	10	2	9	0	Surveys.	
79	Mr. A. Stewart	...	L. S. & Sv.	21	3	3	Ditto	...	200	July 19, 1872	Jan. 9, 1871	1	5	0	2	3	21	N. W. Provinces.	
80	Mr. C. E. Fendall	...	L. S. & Sv.	23	5	12	Ditto	...	200	July 5, 1872	Mar. 5, 1871	1	2	12	0	0	0	Punjab.	
											April 1, 1871	2	6	0	1	5	12	Punjab.	



General Seniority No.	NAMES.	Passed in the Vernacular and Surveying.	Age.			Rank.	Grade.	Salary.	Date of Appointment to present grade.
			Y.	M.	D.				
81	Mr. O. Greig ...	L. S. & Sv.	24	3	22	Sub-Ass. Conservr. ...	...	200	April 1, 1871
82	Capt. J. E. Campbell, s. c. ...	H. S. & Sv.	30	0	28	Asst. Conservator ...	2nd Grade	350	April 14, 1871
83	Mr. T. G. Atkinson ...	L. S. & Sv.	38	2	18	Sub-Assst. Conservr. ...	...	200	April 28, 1871
84	Mr. E. A. Down ...	L. S. & Sv.	29	1	8	Ditto ...	...	200	May 29, 1871
85	Mr. W. G. Allen ...	L. S. & Sv.	39	0	14	Asst. Conservator ...	2nd Grade	350	Aug. 7, 1871
86	Mr. E. Dobbs ...	P. C. & Sv.	25	11	21	Sub-Assst. Conservr. ...	...	200	July 12, 1871
87	Mr. P. Gough ...	H. S.	25	6	21	Ditto ...	...	200	Sep. 27, 1872
88	Capt. F. Bailey, B. E. ...	L. S. & Sv.	33	2	19	Deputy Conservator	1st Grade	900	Oct. 5, 1872
89	Mr. J. T. Jellicoe ...	Sv.	24	7	13	Asst. Conservator ...	3rd Grade	250	Sep. 25, 1871
90	Mr. M. H. Ferrars, B. A. ...	P. B. & Sv.	26	11	3	Ditto ...	Ditto ...	250	Sep. 25, 1871
91	Mr. J. S. Gamble, B. A. ...	Sv. Has some knowledge of Burmese.	26	2	29	Ditto ...	Ditto ...	250	Oct. 18, 1871
92	Mr. R. H. C. Whittall ...	L. S. Sv.	25	5	24	Ditto ...	Ditto ...	250	Oct. 18, 1871
93	Mr. E. P. Dansey ...	Sv.	24	3	0	Ditto ...	Ditto ...	250	Sep. 28, 1872
94	Mr. F. B. Dickinson ...	Sv.	22	2	8	Ditto ...	Ditto ...	250	Sep. 28, 1872
95	Mr. W. E. Fisher ...	L. S. & Sv.	27	7	4	Ditto ...	Ditto ...	250	Sep. 28, 1872
96	Mr. H. C. Hill ...	Sv.	21	7	26	Ditto ...	Ditto ...	250	Sep. 28, 1872
97	Mr. D. E. Hutchins ...	Sv.	23	0	8	Ditto ...	Ditto ...	250	Sep. 28, 1872
98	Mr. W. Johnstone, L. C. E. ...	Sv.	26	9	6	Ditto ...	Ditto ...	250	Sep. 28, 1872
99	Mr. E. P. Popert ...	Sv.	21	5	6	Ditto ...	Ditto ...	250	Sep. 28, 1872

Date of first appointment to the Forest Department.	Period of service in present grade.			Period of service counting for pension.			Present post.	REMARKS.
	Y.	M.	D.	Y.	M.	D.		
April 1, 1871	2	6	0	2	6	0	N. W. Provinces.	
April 14, 1871	2	5	17	2	5	17	N. W. Provinces.	
April 26, 1871	2	5	4	1	11	5	Punjab.	
May 29, 1871	2	4	1	2	4	1	N. W. Provinces.	
July 2, 1871	2	1	23	2	2	29	Punjab.	
July 12, 1871	2	2	20	2	2	20	Central Provinces.	
Aug. 22, 1871	1	0	4	2	1	9	Bengal.	
Sept. 24, 1871	0	11	26	2	0	6	Surveys.	
Sept. 25, 1871	2	0	5	2	0	5	Mysore.	
Sept. 25, 1871	2	0	5	2	0	5	Burma.	
Oct. 18, 1871	1	11	12	1	11	12	Bengal.	
Oct. 18, 1871	1	11	12	1	11	12	N. W. Provinces.	
Sept. 28, 1872	1	0	3	1	0	3	Burma.	
Sept. 28, 1872	1	0	3	1	0	3	Mysore.	
Sept. 28, 1872	1	0	3	1	0	3	Bengal.	
Sept. 28, 1872	1	0	3	1	0	3	Oudh.	
Sept. 28, 1872	1	0	3	1	0	3	Mysore.	
Sept. 28, 1872	1	0	3	1	0	3	Bengal.	
Sept. 28, 1872	0	0	0	0	0	0	Burma.	



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DISPOSITION LIST  
OF  
FOREST OFFICERS UNDER THE GOVERNMENT OF INDIA  
ON THE  
1st October 1873.

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Forest Divisions and names of Officers in charge.		Number in General Seniority List.	Forest Sub-Divisions and names of Officers in charge.											
BENGAL.	Direction.		Mr. W. Schlieb, Pb. D., Conservator ...	In charge of Office.	Mr. A. L. Home, Deputy Conservator ...	STRENGTH OF ESTABLISHMENT.			Number in General Seniority List.					
						Upper Assam.	Lower Assam.	Eastern Dooms Sub-Division.		Sikkim Sub-Division.	Cooch Behar Division.	Chittagong Division.	Bhagulpore Division.	
35	Mr. W. Schlieb, Pb. D., Conservator ...	18	...	...	...	...	...	...	...	...	...	...	...	...
41	Captain C. W. Loosack, Deputy Conservator.	91	Mr. J. S. Gamble, R. A., Assistant Conservator	5	15	1	1	1	1	1	1	1	1	1
25	Mr. G. Mann, Assistant Conservator	25	Mr. E. Forrest, Assistant Conservator.	2	13	2	2	2	2	2	2	2	2	2
101	W. R. Fisher, Do. ditto	101	...	...	...	...	...	...	...	...	...	...	...	...
67	Mr. W. Shakespeare, Asst. Conservator	67	Mr. W. Johnston, L. C. R., Assistant Conservator	...	...	...	...	...	...	...	...	...	...	...
46	Mr. H. H. Davis, Assistant Conservator	46	...	...	...	...	...	...	...	...	...	...	...	...
18	Mr. A. L. Home, Deputy Conservator	18	...	...	...	...	...	...	...	...	...	...	...	...

Collection of

Civil Officers.

RANKS.	AVERAGE EXPENDITURE FOR PAST 3 YEARS.		Consergency and Establishment.	Rs.	Rs.	Rs.	Cubic feet.	Cubic feet.	Cubic feet.	Cubic feet.	Rs.	Rs.	Rs.	Cubic feet.	Cubic feet.	Balance of timber stock on hand in tons.
	A.	B.														
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Forest Divisions and names of Officers in charge.	Number in General Seniority List.	Forest Sub-Divisions and names of Officers in charge.	Number in General Seniority List.	Area in square miles.	STRENGTH OF ESTABLISHMENT.				AVERAGE EXPENDITURE FOR PAST THREE YEARS.		Average outturn of timber in tons during last three years.	Average quantity of timber sold during last three years.	Average amount of revenue for past three years.	Surplus.	Deficit.	Balance of timber stock in hand on 31st March 1873.	REMARKS.															
					Foresters.	Under-Foresters.	Mohurrins.	Chuprassees.	A.	B.																						
<b>NORTH-WESTERN PROVINCES.</b>																																
<i>Direction Division.</i>																																
Mr. G. Greig, Officiating Conservator	56	Mr. A. R. Grant, Assistant Conservator	39	.....	...	...	5	3	Rs. 24	Rs. 30,131	.....	...	Rs. 30	...	Rs. 30,125	...	Figures quoted, give results up to 31st March 1873.															
<i>Kumaon and Gurbwal Sub-Division.</i>																																
(Forests in vicinity of Nynee Tal)	39	Mr. A. R. Grant, Assistant Conservator.	39	..	...	...	1	2	...	...	...	...	...	...	...	...	...															
Mr. A. R. Grant, Assistant Conservator.																																
<i>Kumaon Division.</i>																																
Captain J. E. Campbell, Assistant Conservator (on leave.)	82	Kamli Pati, Ranger.	About 922 square miles, excluding Ranikhet.	}																												
<i>II.—Kota Bhabar.</i>																																
Mr. R. P. Colvin, Deputy Conservator, in temporary charge.	21	Jit Sing, Ranger.																														
<i>III.—Chakata Bhabar.</i>																																
Hari Ram, Ranger.																																
<i>IV.—Chaubainsi and Dhiani Rao Forests.</i>																																
Maha Sing, Ranger.																																
<i>V.—Biram Deo Forest.</i>																																
Jai, Offg. Ranger.																																
<i>VI.Ranikhet (Plantations and Nurseries.)</i>																																
Mr. W. Craw, Superintendent.																																
<i>Ranikhet Sub-Division.</i>																																
Mr. A. Pengelly, M. A., Assistant Conservator.	60	I.—Forests near Ranikhet, Kedar Sing, Head Ranger.	}																													
<i>II.—Aira Deo and Seahi Devi Forests.</i>																																
Sobhan Sing, Sub-Ranger.																																
<i>III.—Seonee Machor and Sujun Forests.</i>																																
Moosa, Sub-Ranger.																																
<i>Garhwal Division.</i>																																
Mr. R. P. Colvin, Deputy Conservator.	21	I.—Patli Dún Forest. Bagan Sing and Kalan Sing, Rangers.	}	1,000	5	13	7	10	46,111	14,810	34,755	25,196	1,50,342	80,421	...	15,757	Figures quoted, give results up to 31st March 1873. Timber Statistics as regards cubic measurements only approximately given, a good deal of the timber not having been measured.															
<i>II.—Kotri Dún Forest.</i>																																
Bhup Sing, Ranger.																																
<i>III.—Udeyppur Forests.</i>																																
Padam Sing, Ranger.																																
<i>IV.—Gouri Forest.</i>																																
Lall Sing, Ranger.																																
<i>Dera Dún Division.</i>																																
Mr. W. Brereton, Assistant Conservator.	32	I.—Eastern Dún and Feree Forests. Mr. E. A. Down, Sub-Assistant Conservator.	84	}	450	4	11	3	28,256	21,885	25,769	18,854	72,998	22,857	...	16,639	Ditto Ditto.															
<i>II.—Eastern and Western Saharanpúr Forests.</i>																																
Mr. Shaik Mohi-u-din, Assistant Conservator.																																

Forest Divisions and names of Officers in charge.	Number in General Seniority List.	Forest Sub-Divisions and names of Officers in charge.	Number in General Seniority List.	Area in square miles.	STRENGTH OF ESTABLISHMENT.				AVERAGE EXPENDITURE FOR PAST THREE YEARS.		Average outturn of timber in tons during last three years.	Average quantity of timber sold during last three years.	Average amount of revenue for past three years.	Surplus.	Deficit.	Balance of timber stock in hand on 31st March 1872.	REMARKS.													
					Foresters.	Under-Foresters.	Mohurris.	Chuprasais.	A.	B.																				
									Rs.	Rs.			Rs.	Rs.	Rs.															
<b>NORTH-WESTERN PROVINCES, —contd.</b>																														
<i>Jounsar Division.</i> Mr. C. Bagshawe, Assistant Conservator.	74	<i>I.—Lambertach and Mandhol Sub-Division.</i>  Mr. O. Greig, Sub-Assistant Conservator.	81	600	1	...	2	1	2,22,605	27,158	39,332	20,694	1,63,104	...	86,659	18,312	Figures quoted give results up to 31st March 1873. Timber Statistics as regards cubic measurements only approximately given, a good deal of the timber not having been measured.													
	<i>II.—Dartmir Sub-Division.</i>  Tulsi Ram, Jemadar ... ..																													
	<i>III.—Deoban Sub-Division.</i>  Mr. R. H. C. Whittall, Assistant Conservator.	92																												
		<i>IV.—Special Work.</i>  Mr. J. M. Braidwood, Assistant Conservator.	76																											
		<i>V.—Dun Timber Works.</i>  Mr. C. W. Palmer, Sub-Assistant Conservator.	78																											
<i>Bhagarati Division.</i> Mr. J. E. O'Callaghan, Deputy Conservator.	22	No Sub-divisions ... ..	...	Not known.	1	5	3	2	3,58,154	14,317	1,95,010	1,95,010	4,10,463	37,992	...	...	Ditto.													
<i>Gorakhpur Division.</i> Mr. C. F. Amery, Deputy Conservator.	29	No Sub-divisions ... ..	...	118	...	8	3	25	4,797	7,440	11,588	8,388	29,558	17,321	...	31,292	Figures quoted, show results up to 31st March 1873.													

Disposition List of Forest Officers under the

Forest Divisions and names of Officers in charge.	Number in General Seniority List.	Forest Sub-Divisions and names of Officers in charge.		Number in General Seniority List.	Area in square miles.	STRENGTH OF ESTABLISHMENT.				
		Foresters.	Under-Foresters.			Clerks and Mohutirs.	Chuprasies.			
Forest Divisions and names of Officers in charge.										
Direction.		In charge of Direction Office.		61						
Mr. B. H. B. Powell, c. s., Conservator.	58	Mr. A. E. Wild, Assistant Conservator.								
Mr. B. Ribbentrop, Offg. Conservator.	36									
Satey Division.		Lieutenant-Colonel C. Balchelor, Deputy Conservator.		26						
Lower River Sub-Division.		Mr. C. E. Fendall, Sub-Assistant Conservator.		80	143 square miles and 400 miles of river.	6	31	2	3	
Beas Division.		Mr. G. F. Dull, Deputy Conservator		67	291 square miles and 368 miles of river.	5	35	2	8	
Lower Ravi Division.		Mr. R. J. P. Pinder, Forest Ranger		85	12 square miles and 150 miles of river.	3	16	3	2	
Upper Ravi Division.		Mr. J. S. Mackay, Sub-Assistant Conservator.		69	78 square miles and 100 miles of river.	3	28	2	1	
Lower Chenab Division.		Mr. G. A. Walters, Assistant Conservator.		50	430 miles of river.	4	18	2	1	
Upper Chenab Division.		Mr. W. S. Hillier, Assistant Conservator.		69	60 square miles and 300 miles of river.	2	10	1	1	
Jhelum Division.		Mr. F. O. Lemarchand, Assistant Conservator.		65	137 square miles and 196 miles of river.	8	32	3	3	
Rawal Pindi Division.		Mr. C. F. Elliott, Assistant Conservator.		40		4	47	1	3	

Government of India on the 1st October 1873.

REMARKS.	Balance of timber stock in hand, in cubic feet.	Rs.	Surplus.	Rs.	Average amount of revenue for past three years.	Average quantity of timber sold during last three years, in cubic feet.	Average outturn of timber in cubic feet during last three years.	AVERAGE EXPENDITURE FOR PAST THREE YEARS.		Conservancy and Working.	Rs.
								A	B		
		20,090		39,679				47,471	21,596		47,471
		10,512		6,900				57,795	20,635		57,795
		68,082		6,008				1,00,546	23,197		1,00,546
		3,76,900		5,833				26,656	7,292		26,656
		1,45,768		27,873				1,55,036	11,959		1,55,036
		1,45,768		27,873				186,176	186,176		186,176
		3,32,974		4,107				22,624	9,370		22,624
		3,32,974		4,107				2,17,130	2,17,130		2,17,130
		1,30,728		1,19,408				1,30,728	1,30,728		1,30,728
		1,19,408		1,19,408				1,19,408	1,19,408		1,19,408

Rs. 57,243.

Kuries valued at Rs. 3,942.

Mds. fuel valued at Rs. 1,884.

and 17,083 sleepers valued at Rs. 39,286.

20,090

10,512

6,900

and 12,000 sleepers valued at Rs. 18,000.

3,76,900

and 12,674 sleepers valued at Rs. 25,348; 1,347 mds. fuel and in transit, 247,675 cubic feet; also 8,067 sleepers.

1,45,768

and 140 sleepers, 308 cubic feet, and 3,360 mds. fuel.

3,32,974

40

20

69

50

69





Forest Divisions, and names of Officers in charge.	Number in General Seniority List.	Forest Sub-Divisions, and names of Officers in charge.	Number in General Seniority List.	Area in square miles.	STRENGTH OF ESTABLISHMENT.				AVERAGE EXPENDITURE FOR PAST THREE YEARS.		Average outturn of timber in tons during last three years.	Average quantity of timber sold during last three years.	Average amount of revenue for past three years.	Surplus.	Deficit.	Balance of timber stock in hand, in tons.	REMARKS.					
					Foresters.	Under-Foresters.	Clerks and Mohurrs.	Chepmanises.	A.	B.												
									Conservancy and Working.	Establishments.												
<p><b>OUDH.</b></p> <p><i>Direction.</i></p> <p>Captain W. Stenhouse, Officiating Conservator ... .. 15</p>																						
<p><i>Baraich Division.</i></p> <p>Mr. C. J. Ponsonby, Assistant Conservator ... .. 44</p>																						
<p><i>1st Sub-Division.</i></p> <p>Maula Bux, Forest Ranger ... .. 140</p>																						
<p><i>2nd Sub-Division.</i></p> <p>Chain Sookh, Forest Apprentice ... .. 140</p>																						
<p><i>Kheri Division.</i></p> <p>Mr. R. S. Dodsworth, Assistant Conservator ... .. 43</p>																						
<p><i>1st Sub-Division.</i></p> <p>Muthra Pershad, Forest Ranger ... .. 150</p>																						
<p><i>2nd Sub-Division.</i></p> <p>Kasim Khan, Forest Ranger ... .. 135</p>																						
<p><i>3rd Sub-Division.</i></p> <p>Boodh Sein, Forest Ranger ... .. 149½</p>																						
<p><i>Depôt Establishment, Suthiana Depôt.</i></p> <p>Radha Kishen, Forest Darogah ... .. 2</p>																						
<p><i>Dudua Ghât Depôt.</i></p> <p>Shambú Nath, Forest Darogah ... .. 2</p>																						
<p><i>Shitaba Ghât Depôt.</i></p> <p>Kadir Bux, Forest Darogah ... .. 2</p>																						
<p><i>Biram Ghât Depôt.</i></p> <p>Leela Dhur, Forest Darogah ... .. 2</p>																						
<p><i>Gonda Division.</i></p> <p>Mr. C. J. Ponsonby, Assistant Conservator ... .. 44</p>																						
<p>Amanutula Khan, Forest Ranger ... .. 109</p>																						
<p><b>TOTAL</b> ... .. 823½ 20 36 9 30</p>																						
					Rs.	A.	P.	Rs.	A.	P.			Rs.	A.	P.	Rs.	A.	P.				
					1,865	4	11	10,705	12	1	.....	.....	15	0	0	.....	12,656	1	0	.....		
					8,012	3	2	10,942	8	5	.....	.....	60,750	6	8	50,795	11	1	.....	.....		
					60,271	1	7	22,456	7	0	2,355	1,507	81,493	8	6	.....	1,234	0	1	6,221		
					3,013	5	9	5,814	6	7	.....	.....	13,232	4	2	4,404	7	10	.....	.....		
					73,161	15	5	49,919	2	1	2,355	1,507	1,64,491	3	4	55,200	2	11	13,790	1	1	6,221

Forest Divisions and names of Officers in charge.	Number in General Seniority List.	Forest Sub-Divisions and names of Officers in charge.	Number in General Seniority List.	Area in square miles.	STRENGTH OF ESTABLISHMENT.				AVERAGE EXPENDITURE FOR PAST THREE YEARS.		Average outturn of timber in tons during last three years.	Average quantity of timber sold during last three years, in tons.	Average amount of revenue for past three years.	Surplus.	Deficit.	Balance of timber stock in hand, in tons.	REMARKS.
					Foresters.	Under-Foresters.	Mohurins.	Watchers.	A. Conservancy and Working.	B. Establishment.							
<b>CENTRAL PROVINCES.</b>																	
<i>Direction.</i>																	
Captain J. C. Doveton, M. S. C., Conservator of Forests.	19	Office	...	...	...	...	6	4	Rs. 5,092	Rs. 20,882	Cubic feet. ...	Cubic feet. ...	Rs. 1,751	Rs. ...	Rs. 24,323	Cubic feet. ...	
<i>Northern Division.</i>																	
Mr. W. Jacob, Deputy Conservator of Forests.	24	Office	...	...	...	...	2	1									
		1.— <i>Bijragogurh Sub-Division.</i>															
		Mr. W. T. Thomas, Assistant Conservator	54	32	...	...	1	3									
		2.— <i>Goarighat Sub-Division.</i>															
		Seobux Tewari, Darogah, 5th Class	...	20	1	...	1	1									
		3.— <i>Mandla Sub-Division.</i>															
		Madhab Chunder Dey, Darogah, 5th Class	...	60	1	2	...	5									
		UNRESERVED FORESTS.															
		1.— <i>Jabalpúr District.</i>															
		Darogah, Vacant	...	...	1	...	...	1									
		2.— <i>Mandla District.</i>															
		Kudrut Ali, Darogah, 5th Class	...	...	1	...	...	1									
		3.— <i>Dumoh District.</i>															
		Nathooram, Jemadar, 2nd Class	...	...	...	1	...	1									
		4.— <i>Narsinghpúr District.</i>															
		5.— <i>Balaghat District.</i>															
		Pandratola Reserve	...	8	...	...	...	...									
		Shaik Hussain, Darogah, 5th Class	...	...	1	...	...	1									
		TOTAL															
			...	120	5	3	4	15	38,847	21,609	672	8,477	1,55,647	95,191	...	33,534	
<i>Western Division.</i>																	
Mr. H. Leeds, Deputy Conservator of Forests.	4	Office	...	...	...	...	3	2									
		1.— <i>Bowergurh and Sowligurh Sub-Divns.</i>															
		Sheik Ahmed, Darogah, 1st Class	...	218	1	...	3	6									
		2.— <i>Bori and Delakari Sub-Divisions.</i>															
		Abdul Aziz, Jemadar, 3rd Class	...	37	...	1	1	3									
		3.— <i>Raja-Borari Sub-Division.</i>															
		Sheik Furreed, Jemadar, 3rd Class	...	250	...	1	1	2									
		4.— <i>Kalibheet Sub-Division.</i>															
		Bowanipershad, Darogah, 5th Class	...	260	1	...	2	3									
		5.— <i>Kamapur Sub-Division.</i>															
		Jehandar Bux, Duffadar, 1st Class	...	166	...	...	1	4	34,388	31,543	6,871	13,855	1,27,385	61,454	...	37,550	
		6.— <i>Baka-Burda Plantation.</i>															
		One Duffadar, 1st Class	...	Acres 93.75	...	...	1	1									
		7.— <i>Punassa Sub-Division.</i>															
		Keramut Ali Khan, Jemadar, 1st Class	...	143	...	1	1	4									
		UNRESERVED FORESTS.															
		1.— <i>Minor District.</i>															
		Dajeebah, Darogah, 2nd Class	...	...	1	...	...	1									
		2.— <i>Hoshangabad District.</i>															
		Abbeulla Khan, Darogah, 4th Class	...	...	1	...	...	1									
		3.— <i>Betul District.</i>															
		Althaf Hossein, Darogah, 3rd Class	...	...	1	...	...	1									
		TOTAL															
			...	1,074	5	3	13	28	34,388	31,543	6,871	13,855	1,27,385	61,454	...	37,550	

Name of man appointed by Deputy Conservator not yet reported to this Office.

Forest Divisions and names of Officers in charge.	Number in General Seniority List.	Forest Sub-Divisions, and names of Officers in charge.	Number in General Seniority List.	Area in square miles.	STRENGTH OF ESTABLISHMENT.				AVERAGE EXPENDITURE FOR PAST THREE YEARS.		Average out turn of timber in tons during last three years.	Average quantity of timber sold during last three years, in tons.	Average amount of revenue for past three years.	Surplus.	Deficit.	Balance of timber stock in hand, in tons.	REMARKS.
					Foresters.	Under-Foresters.	Mohurris.	Watchers.	A.	B.							
									Rs.	Rs.							
<b>CENTRAL PROVINCES—contd.</b>																	
<i>Southern Division.</i>																	
Mr. R. Thompson, Deputy Conservator.	7	Office ... ..	...	...	...	...	2	1									Temporarily attached. At present on special work. Regular charge Mohurli Sub-Division.
		<i>Ahiri Forest, sleeper works, and timber floating operation.</i>															
Mr. G. H. Foster, Assistant Conservator ...	49	...	...	...	...	...	...	...									
Mr. E. Dobbs, Sub-Assistant Conservator	86	...	...	...	1	1	3										
		<i>Mohurli Sub-Division.</i>															
Sheik Mahmood, Jemadar, 3rd Class	...	...	150	...	1	1	3										
		UNRESERVED FORESTS.															
		1.— <i>Chanda District.</i>															
Mustak Alli, Darogah, 5th Class	...	...	...	...	1	...	1	6									
		2.— <i>Wardha District.</i>															
Mahomed Oosmon, Darogah, 5th Class	...	...	...	...	1	...	...	1									
		3.— <i>Nagpur District.</i>															
Mahomed Kassim, Darogah, 3rd Class	...	...	...	...	1	...	...	1									
		4.— <i>Sironcha District.</i>															
Narraiu Row, Duffadar, 1st Class	...	...	...	...	...	...	1	3	34,812	14,443	58,142	3,959	74,791	25,636	...	1,37,766	
		TOTAL	...	150	3	2	6	17	34,812	14,443	58,142	3,959	74,791	25,636	...	1,37,766	
<i>Central Division.</i>																	
Mr. J. McKee, Assistant Conservator.	66	Office ... ..	...	...	...	...	2	1									
		1.— <i>Sathpura Sub-Division.</i>															
Mahomed Ghonee, Darogah, 2nd Class	...	...	456	1	2	3	16		11,234	10,598	131	159	96,970	75,138	...	1,305	
		UNRESERVED FORESTS.															
		1.— <i>Seoni District.</i>															
Mohomed Khan, Jemadar, 1st Class	...	...	...	...	1	...	1										
		2.— <i>Chhindwara District.</i>															
Ramkissun, Jemadar, 3rd Class	...	...	...	...	1	...	1										
		3.— <i>Bhandara District.</i>															
Bulwant Rao, Jemadar, 2nd Class	...	...	...	...	1	...	1		11,234	10,598	131	159	96,970	75,138	...	1,305	
		TOTAL	...	456	1	5	6	16	11,234	10,598	131	159	96,970	75,138	...	1,305	
<i>Eastern Division.</i>																	
Captain J. C. Doveton, M. S. C., Conservator in charge.	19	Office ... ..	...	...	...	...	2	1									
		1.— <i>Hathibari and Kamtara Nallá Sub-Divisions.</i>															
Abdul Alli, Officiating Darogah, 5th Class	...	...	9	1	...	1	2		9,450	7,448	520	5,402	49,721	32,823	...	4,009	
		UNRESERVED FORESTS.															
		1.— <i>Raipur District.</i>															
Balaymian, Jemadar, 1st Class	...	...	...	...	1	...	1		9,450	7,448	520	5,402	49,721	32,823	...	4,009	
		2.— <i>Belaspur District.</i>															
		TOTAL	...	9	1	1	3	4	9,450	7,448	520	5,402	49,721	32,823	...	4,009	

Forest Division, and names of Officers in charge.	Number in General Seniority List.	Forest Sub-Division, and names of Officers in charge.	Number in General Seniority List.	Area in square miles.	STRENGTH OF ESTABLISHMENT.				
					Foresters.	Under-Foresters.	Mohurris.	Watchers.	
CENTRAL PROVINCES—concl'd.  <i>Ságár Division.</i>  Mr. G. A. Richardson, Officiating Assistant Conservator.	68	1.— <i>Gurrakotah, Tigora, Ranjir, Ranipúra, and Huthkoo Sub-Divisions.</i>							
		Mohomed Yasseen, Darogah, 4th Class ... ..	...	62	1	...	1	2	
		UNRESERVED FORESTS. 1.— <i>Ságár District.</i>							
		Rashid Khan, Darogah, 4th Class ... ..	...	...	1	...	...	1	
TOTAL			...	62	2	...	1	3	
GRAND TOTAL			...	1,871	18	14	38	90	

AVERAGE EXPENDITURE FOR PAST THREE YEARS.		Average outturn of timber in tons during last three years.	Average quantity of timber sold during last three years, in tons.	Average amount of revenue for past three years.	Surplus.	Deficit.	Balance of timber stock in hand, in tons.	REMARKS.	
A.	B.								
Conser- vancy and Working.	Establish- ment.								
Rs.	Rs.	Cubic feet.	Cubic feet.	Rs.	Rs.	Rs.	Cubic feet.		
1,805	4,089	956	911	19,608	13,714	...	159		
1,805	4,089	956	911	19,608	13,714	...	159		
1,35,628	1,10,612	67,292	32,763	5,25,873	3,03,856	24,223	2,14,323		
Deduct deficit					...	24,223			
Average surplus					...	2,79,633			

Forest Divisions, and names of Officers in charge.	Number in General Seniority List.	Forest Sub-Divisions and names of Officers in charge.	Number in General Seniority List.	Area in square miles.	STRENGTH OF ESTABLISHMENT.			
					Foresters.	Under-Foresters.	Mohurirs.	Chuprassies.
<b>BRITISH BURMA.</b>								
<i>Direction.</i>								
Captain W. J. Seaton, M. S. C., Conservator of Forests.	10	Mr. A. M. Buchanan, Personal Assistant to Conservator, Forests, British Burma ... Mr. J. K. Hume, Officiating Personal Assistant Conservator, Forests ...	3 62	...	...	...	...	...
<i>Rangoon Division.</i>								
Mr. G. W. Strettell, Deputy Conservator of Forests, 3rd grade.	2	1.— <i>Magayee Plantation.</i> Mr. C. F. Nepean, Assistant Conservator ...	30	400 274	7	2	...	2
		2.— <i>Kyekpyooagan Plantation.</i> Mr. L. A. W. Rind, Assistant Conservator ...	70					
		3.— <i>Southern Range.</i> Moung Touk Poh, Forest Ranger.						
		4.— <i>Zamayee Range.</i> Moung Tha Oung, Forest Ranger.						
<i>Tharrawaddie Division.</i>								
Captain W. Douglas, M. S. C., Deputy Conservator, 1st grade.	14	Mr. E. P. Popert, Assistant Conservator, Forests, at (Head Quarters)	99					
		1.— <i>North Tharrawaddie.</i> Mr. N. Daly, Assistant Conservator	31	340	4	2	...	3
		2.— <i>South Tharrawaddie.</i> Mr. G. Stratford, Sub-Assistant Conservator ...	73	330	4	2	...	3
		<i>Forest Rangers.</i> Moung Way. Moung Kellay. Moung Myat Doon.						
<i>Prome Division.</i>								
Mr. F. Y. Elsner, Assistant Conservator, 1st grade.	5	1.— <i>Eastern Forests.</i> Mr. F. Y. Elsner, Assistant Conservator, Forests ...	5	225	5	3	...	2
		2.— <i>Western Forests.</i> Mr. A. L. Hough, Sub-Assistant Conservator ...	75	200	4	...	...	...
		Moung Oo, Forest Ranger.						
<i>Sittang Division.</i>								
Mr. J. Adamson, Assistant Conservator, 1st grade.	13	1.— <i>East Sittang.</i> Mr. J. Adamson, Assistant Conservator ...	13	100	10	6	...	4
		Mr. E. P. Dansey, Assistant Conservator ...	99					
		<i>Shoay Gyeen Revenue Station.</i> Mr. M. H. Ferrars, Assistant Conservator ...	90	...	...	...	...	...
		<i>Forest Ranger.</i> Jas Shoay Yea.						
		2.— <i>West Sittang.</i> Moung Cheik ...	...	255	...	...	...	...
<i>Salween Division.</i>								
Mr. M. J. Slym, Deputy Conservator of Forests, 2nd grade.	9	Moung Poh O, Assistant Conservator, Forests ...	6	331	8	1	...	4
		<i>Forest Ranger.</i> Z. C. Leonard ...	...	...	...	...	...	...
<i>Kadon Revenue Station.</i>								
Mr. M. J. Slym, Deputy Conservator, 2nd grade.	9	...	...	...	...	...	...	...

British Burma on the 1st October 1873.

AVERAGE EXPENDITURE FOR PAST THREE YEARS.		Average outturn of timber in tons during last three years.	Average quantity of timber sold during last three years, in tons.	Average amount of revenue for past three years.	Surplus.	Deficit.	Balance of timber stock in hand, in tons.	REMARKS.
A. Conservancy and Working.	B. Establishment.							
...	22,477	...	...	...	...	22,477	...	Returned from leave on 8th September 1873.
51,933	27,793	3,628	3,472	79,830	104	...	1,162	
1,55,802	24,128	12,852	13,888	2,39,490	59,560	...	10,463	
12,264	13,544	7,050	7,050	39,354	13,546	...	76	
13,235	17,235	16,191	15,379	1,30,524	1,00,054	...	86	
16,475	13,676	10,028	8,658	62,511	32,360	...	722	
10,274	6,240	68,806	69,901	2,20,986	2,04,472	...	258	

Forest Divisions and names of Officers in charge.	Number in General Seniority List.	Forest Sub-Divisions and names of Officers in charge.	Number in General Seniority List.	Average square miles.	STRENGTH OF ESTABLISHMENT.				AVERAGE EXPENDITURE FOR PAST THREE YEARS.		Average outturn of timber in tons, during the last three years.	Average quantity of timber sold during the last three years.	Average amount of revenue for past three years.	Surplus.	Deficit.	Balance of timber in hand.	REMARKS.
					Foresters.	Under-Foresters.	Clerks and Messengers.	Cheprasies.	A. Conservancy and Working.	B. Establishment.							
<b>MYSORE.</b>																	
<i>Direction.</i>																	
Captain G. J. VanSomeren, Conservator.	23	....		..	..	..	6	5									
Mr. D. E. Hutchins, Assistant Conservator, Accounts Branch.	97																
<i>Nagar Range.</i>																	
1.—Kuddur District.																	
Captain H. C. T. Jarrett, v. c. & s. c., Deputy Conservator.	34	Mr. J. M. D'Costa, Forest Ranger, 1st grade ...		15,600	43	122	6	14									
2.—Shimoga District.																	
Mr. F. B. Dickinson, Assistant Conservator.	94	Mannarpilli, Acting Forest Ranger, 2nd grade ... Gundapah, Forest Ranger, 3rd grade ...															
<i>Mysore Range.</i>																	
Mr. J. Macpherson, Assistant Conservator.	48	Shasagiriah, Forest Ranger, 2nd grade ... Thippiah, Forest Ranger, 3rd grade ...		4,683	30	80	4	10	88,116	77,439	*7,981 pieces of timber; 880 tons of sandal-wood.	*7,706 pieces of timber; 872 tons of sandal-wood.	3,44,163	1,78,608	...	On 31st March 1873, *8,666 pieces of timber, and 337 tons of sandal-wood.	*Bamboos excluded.
<i>Hassan Range.</i>																	
Mr. J. T. Jellicoe, Assistant Conservator.	89	Mr. J. Stephens, Forest Ranger, 3rd grade ... Boppunnah, Forest Ranger, 3rd grade ...			12	42	2	2									
<i>Nandidrug Range.</i>																	
Mr. E. Ludlow, Assistant Conservator	37	Runga Row, Acting Ranger, 3rd grade ...															
Mr. F. C. Hicks, Assistant Conservator.				8,151	25	82	5	7									
2.—Tumkur District.																	
3.—Kolar District.																	
Mr. W. King, Sub-Assistant	72	Poppannah, Acting Forest Ranger, 3d grade ...		...	...	...	2	3									
<i>Nandidrug Plantations.</i>																	
<b>COORG.</b>																	
Mr. H. R. Ring, Acting Assistant Conservator.	71	Mudiah Forest Ranger, 3rd grade ...		2,400	2	22	2	6	17,941	10,462	*805 pieces of timber; 75 tons of sandal-wood.	*612 pieces of timber; 76 tons of sandal-wood.	83,648	55,245	...	On 31st March 1873, *2,677 pieces of timber, and 3½ tons of sandal-wood.	

Forest Divisions, and names of Officers in charge.	Number in General Seniority List.	Forest Sub-Divisions, and names of Officers in charge.	Number in General Seniority List.	Area in square miles.	STRENGTH OF ESTABLISHMENT.				AVERAGE EXPENDITURE FOR PAST THREE YEARS.		Average outturn of timber in tons during last three years.	Average quantity of timber sold during last three years, in tons.	Average amount of revenue for past three years.	Surplus.	Deficit.	Balance of timber stock in hand, in tons.	REMARKS.
					Foresters.	Under-Foresters.	Moharirs.	Choprasias.	A.	B.							
<b>BERAR.</b>																	
<i>Direction.</i>																	
Mr. A. T. Drysdale, Officiating Deputy Conservator.	45	Office ... ..	...	...	...	...	2	...	Up to end of 1872-73.								
<i>Northern Division.</i>																	
Mr. A. T. Drysdale, Officiating Deputy Conservator.	45	Office ... ..	...	...	...	...	2	2									
		<i>Mailghat Sub-Division.</i>															
		Mr. J. Ballantyne, Sub-Assistant Conservator ... ..	47	...													
		<i>Bhyraghur State Reserve.</i>															
		Ahomed Ali, Darogah, 2nd Class ... ..	...	400	1	4	8	13	42,025 13 4	26,917 5 5	26,281 pieces of teak, tewas and babool.	23,339 pieces of teak and towas.	1,63,971 14 8	95,028 11 11	.....	2,942 pieces of teak and babool.	
		<i>Mailghat unreserved Forests.</i>															
		Runjitsing, Jemadar, 1st Class ... ..	...	1,100													
		<i>Umraoti Fuel Reserve.</i>															
		Russool Khan, Darogah, 1st Class ... ..	...	50	1	...	4	1									
		<i>Unreserved Forests.</i>															
		Russool Khan, Darogah, 1st Class ... ..	...	...													
		<i>Akola District.</i>															
		Syed Ismail, Darogah, 3rd Class ... ..	...	...	1	...	4	1									
		<i>Elichpore District.</i>															
		Mahomed Azim Khan, Jemadar, 1st Class ... ..	...	...	...	1	2	1									
<i>Southern Division.</i>																	
Vacant ... ..	...	Office ... ..	...	...	...	...	2	2									
		<i>Gerroo Muttergaon and Ghat Boree Reserve.</i>															
		Sillaman Khan, Darogah, 3rd Class ... ..	...	105	1	...	4	2									
		<i>Pengunga State Reserve.</i>															
		Ibrahim Ali, Jemadar, 2nd Class ... ..	...	70	...	1	1	1									
		<i>Kehlapur State Reserve and small tracts of Mangla, Jaolgaon, Renkopur and Dapura.</i>															
		Bapoorow Rowlnath, Darogah, 4th Class ... ..	...	51	1	...	2	1			5,331 pieces of teak and other woods.	5,498 pieces of teak and other woods.	32,651 0 1	13,073 15 0	.....	Nil.	
		<i>Unreserved Forests, Booldana District.</i>															
		Nursingrow, Darogah, 4th Class ... ..	...	...	1	...	2	1									
		<i>Bassim District.</i>															
		Two Karkoons, @ Rs. 20 each ... ..	...	-	...	...	4	6									
		<i>Woon District.</i>															
		Three Karkoons, @ Rs. 20 each ... ..	...	...	...	...	6	9									
		<b>TOTAL</b> ... ..	...	...	...	...	...	...	59,530 6 7	38,189 13 3	31,612	28,837	1,96,622 14 9	1,08,102 10 11	.....	2,942	





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OF

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UNDER THE

## DEPARTMENT OF AGRICULTURE, REVENUE, &amp; COMMERCE.

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