

ALPHABETICAL LIST

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CLASSIFIED LIST

OF

OFFICERS OF THE TOPOGRAPHICAL SURVEY OF INDIA

ON THE

1st April 1874.

No. sanctioned.	No. of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.
		SURVEYOR GENERAL OF INDIA AND SUPDT. OF TOPOGL. SURVEYS.		
		MILITARY OFFICER.		
		Staff pay ... 1,500		
		Maximum aggregate pay ... 2,765.5		
		Civil consolidated salary ... 2,100		
		Colonel H. L. Thuillier, B. A., C. S. I. ...	Survr. Genl. of India and Supdt. of Topogl. Surveys.	.....
		SENIOR BRANCH.		
		DEPUTY SUPERINTENDENTS.		
2	...	1ST GRADE MILITARY OFFICERS.		
		Staff pay ... 800		
		Maximum aggregate pay ... 1,800		
		Civil consolidated salary ... 1,100		
8	...	Colonel G. H. Saxton, s. c. ...	Depy. Supdt., 1st Grade ...	On furlough to Europe for 2 years, from 4th February 1874.
1	...	Major G. C. Depree, s. c. ...	Ditto ...	No. 4, or N. E. Division, C. P. Survey ...
2	...	Vacant.		
2	...	2ND GRADE MILITARY OFFICERS.		
		Staff pay ... 650		
		Maximum aggregate pay ... 1,400		
		Civil consolidated salary ... 900		
8	...	Captain W. G. Murray, s. c. ...	Depy. Supdt., 2nd Grade ...	On furlough to Europe for 2 years, from 14th February 1873.
1	...	Captain Geo. Strahan, B. E. ...	Ditto ...	No. 7, or Rajpootana and Simla Survey ...
8	...	Major H. H. Godwin-Austen, s. c. ...	Ditto ...	On furlough to Europe for 6 months, from 5th September 1873. Obtained an extension of 6 months on medical certificate in England.
2	...	Vacant.		
3	...	3RD GRADE MILITARY OFFICERS.		
		Staff pay ... 500		
		Maximum aggregate pay ... 1,200		
		Civil consolidated salary ... 700		
1	...	Captain R. V. Riddell, B. E. ...	Depy. Supdt., 3rd Grade ...	No. 5, or Bhopal and Malwa Survey ...
2	...	Captain Charles Strahan, B. E. ...	Ditto ...	No. 1, Gwalior and Central India Survey
8	...	J. O. N. James, Esq. ...	Ditto ...	In charge, Cartographic and Engraving Branches—Head Quarters Office.
3	...	F. B. Girdlestone, Esq. ...	Ditto ...	No. 2, or Khandesh and Bombay Native States Survey.
		ASSISTANT SUPERINTENDENTS.		
4	...	1ST GRADE MILITARY OFFICERS.		
		Staff pay ... 375		
		Maximum aggregate pay ... 750		
		Civil consolidated 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, B. E. ...	Ditto ...	No. 1, or Gwalior & Central India Survey
3	...	Captain J. Waterhouse, s. c. ...	Ditto ...	In charge, Photo. Branch, Surveyor General's Office.
4	...	H. Horst, Esq. ...	Ditto ...	No. 5, Bhopal and Malwa Survey ...
6	...	Captain J. R. Wilmer, s. c. ...	Ditto ...	No. 7, Rajpootana and Simla Survey ...
		2ND GRADE MILITARY OFFICERS.		
		Staff pay ... 250		
		Maximum aggregate pay ... 750		
		Civil consolidated salary ... 350		
1	...	Lieut. R. G. Woodthorpe, B. E. ...	Asst. Supdt., 2nd Grade ...	No. 6, or Khasia and Garo Hills Survey--
2	...	E. P. Leach, B. E. ...	Ditto ...	No. 1, or Gwalior and Central India Survey
3	...	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.	
Jan. 2, 1837	Mar. 13, 1861	1,265 5 0	1,650 0 0 ^(a)	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 0 ^(b)	1,800 0 0	1,100	Supernumerary.
Oct. 20, 1854	Oct. 20, 1866	640 14 0	800 0 0	1,440 14 0	1,100	(b) Includes personal allowance, Rs. 172-2.
May 8, 1857	April 1, 1869	374 1 6	650 0 0	1,024 1 6	900	Supernumerary.
July 2, 1862	Oct. 26, 1870	433 10 0	800 0 0 ^(c)	1,233 10 0	900	(c) Offg. Deputy Superintendent, 1st grade, from 4th January 1874.
May 8, 1857	Jan. 1, 1868 ^(d)	640 14 0	650 0 0	1,290 14 0	900	Supernumerary. (d) Re-appointed to Department, 28th Oct. 1872, as the Junior of his grade.
Aug. 28, 1862	Oct. 1, 1867	433 10 0	650 0 0 ^(e)	1,083 10 0	700	(e) Offg. Deputy Superintendent, 2nd grade, from 11th Aug. 1873.
Sept. 26, 1863	Dec. 1, 1867	433 10 0	650 0 0 ^(f)	1,083 10 0	700	(f) Offg. Deputy Superintendent, 2nd grade, from 4th January 1874.
July 29, 1845 ^(g)	April 1, 1869	...	...	...	70 0 ^(h)	Supernumerary. (g) Service in Junior Branch from 29th July 1845 to 1st April 1866. (h) Exclusive of Rs. 60 as Presidency House-rent.
Aug. 1, 1863	Aug. 11, 1873	...	...	...	700	
May 3, 1865	May 8, 1868	374 1 6	500 0 0	874 1 6	500	Offg. Deputy Superintendent, 3rd grade, from 11th Aug. 1873.
July 23, 1866	Dec. 15, 1868	265 12 0	500 0 0	765 12 0	500	Offg. Deputy Superintendent, 3rd grade, from the 15th December 1873.
July 23, 1866	June 17, 1870	374 1 6	375 0 0	749 1 6 ⁽ⁱ⁾	500	(i) Exclusive of Rs. 75 as Presidency House-rent.
Sept. 1, 1854 ^(j)	Oct. 1, 1869	...	...	...	500	(j) Service in Junior Branch from 1st September 1854 to 1st April 1868.
Aug. 24, 1869	Aug. 28, 1872	374 1 6	375 0 0	749 1 6	500	
July 14, 1871	...	265 12 0	375 0 0	640 12 0	350	Offg. Asst. Supdt., 1st grade, from 11th Aug. 1873.
Oct. 6, 1871	...	265 12 0	375 0 0	640 12 0	350	Offg. Asst. Supdt., 1st grade, from the 4th January 1874.

No. sanctioned.	No. of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.
JUNIOR BRANCH.				
SURVEYORS.				
3	...	1st GRADE—SALARY Rs. 500.		
	1	Mr. N. A. Belletty	Surveyor, 1st Grade	On duty at Head-Quarters
	S	" J. F. Baness	Ditto	On duty as Chief Draftsman at Head-Quarters Office.
	2	" A. C. Chamarett	Ditto	On duty at Head-Quarters Office
	S	" H. J. Bolst	Ditto	On furlough for 2 years, from 3rd Nov. 1873.
4	...	2ND GRADE—SALARY Rs. 400.		
	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.		
	4			
3	...	3RD GRADE—SALARY Rs. 350.		
	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.
4	...	4TH GRADE—SALARY Rs. 300.		
	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
ASSISTANT SURVEYORS.				
9	...	1st GRADE—SALARY Rs. 250.		
	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 and 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			
9	...	2ND GRADE—SALARY Rs. 200.		
	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

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 16, 1847	April 1, 1866	...	...	...	500	
Sept. 5, 1856	May 1, 1870	...	...	...	600	<i>Supernumerary.</i>
June 2, 1852	March 1, 1871	...	...	...	600	(a) Exclusive of Rs. 45 as Presidency House-rent.
July 26, 1852	Oct. 1, 1872	...	...	...	500	<i>Supernumerary.</i>
April 8, 1855	Jan. 1, 1871	...	...	...	500	(b) Offg. Surveyor, 1st grade, from 1st January 1874.
Aug. 4, 1856	Ditto	...	...	...	400	(c) Exclusive of Rs. 30 as Presidency House-rent.
Sept. 1, 1856	Oct. 1, 1871	...	...	...	350	
Sept. 15, 1856	Ditto	...	...	...	350	On 3 months' privilege leave under medical certificate from 28th January 1874.
Aug. 8, 1857	Oct. 1, 1872	...	...	...	350	
Dec. 1, 1860	April 1, 1871	...	...	...	300	
Oct. 1, 1860	Oct. 1, 1871	...	...	...	300	
Ditto (d)	Ditto	...	...	...	300	(d) Previous service as Sub-Surveyor from 3rd November 1856.
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	
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	

No. sanctioned.	No. of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.
JUNIOR BRANCH—contd.				
ASSISTANT SURVEYORS—concl'd.				
5		Mr. E. A. Wainright	Asst. Survr., 2nd Grade	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.
10		„ H. T. Kitchen	Ditto	No. 5, or Bhopal and Malwa Survey
9		3RD GRADE—SALARY Rs. 160.		
1		Mr. A. Cooper	Asst. Survr., 3rd Grade	No. 3, or C. P. and Vizagapatam Agy. Survey.
2		„ J. H. Wilson	Ditto	No. 4, or N. E. Division, C. P. Survey
3		„ W. H. Lilley	Ditto	No. 5, or Bhopal and Malwa Survey
4		„ W. Robert	Ditto	No. 6, or Khasia & Garo Hills Survey
5		„ F. E. Warde	Ditto	No. 7, or Rajpootana and Simla Survey
6		„ C. T. Templeton	Ditto	No. 1, or Gwalior & Central India Survey
7		„ J. McCay	Ditto	No. 6, or Khasia & Garo Hills Survey
8		„ W. C. G. Barkley	Ditto	No. 2, or Khandesh and Bombay Native States Survey.
9		Vacant.		
8		4TH GRADE—SALARY Rs. 120.		
1		Mr. Geo. Vander Beek	Asst. Survr., 4th Grade	No. 3, or C. P. and Vizagapatam Agy. Survey.
2		„ J. H. O'Brien	Ditto	No. 1, or Gwalior and Central India Survey
3		„ W. M. Kelly	Ditto	Ditto
4		„ J. Murray	Ditto	No. 5, or Bhopal and Malwa Survey
5		„ A. Kitchen	Ditto	Ditto
6		„ G. Read	Ditto	No. 4, or N. E. Division, C. P. Survey
7		„ P. White	Ditto	No. 7, or Rajpootana and Simla Survey
8		„ T. Downes	Probationary ditto	No. 5, or Bhopal and Malwa Survey.
9		„ E. Graham	Ditto ditto	No. 2, or Khandesh and Bombay Native States Survey.
10		„ G. L. Fleming	Ditto ditto	No. 4, or North-Eastern Division, Central Provinces Survey.
11		„ G. R. Copping	Ditto ditto	No. 5, or Bhopal and Malwa Survey.
12		„ 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.	
May 1, 1865	Oct. 1, 1871	...	...	...	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, 1873	...	...	...	200	
Dec. 1, 1867	Jan. 1, 1871	...	...	...	160	(a) 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	Dec. 1, 1873	...	...	...	160	
Dec. 1, 1871	Feb. 1, 1874	...	...	...	160	
July 1, 1872	...	...	...	...	120	
Oct. 1, 1872	...	...	...	...	120	On leave from 16th July 1873, for 1 year.
Ditto	...	...	...	...	120	
Ditto	...	...	...	...	120	
Ditto	...	...	...	...	120	
Ditto	...	...	...	...	120	On 3 months' leave, on medical certificate, from 5th February 1874.
Ditto	...	...	...	...	120	
Aug. 11, 1873	...	...	...	...	120	(b) Previous service as Sub-surveyor, from 1st November 1872.
Ditto (c)	...	...	...	...	120	(c) Ditto ditto ditto.
Ditto	...	...	...	...	120	
Ditto (d)	...	...	...	...	120	(d) Previous service. Apprentice, from 1st October 1872.
Ditto	...	...	...	...	120	

GENERAL LIST
OF
OFFICERS OF THE TOPOGRAPHICAL SURVEY OF INDIA
ON THE
1st April 1874.

1 General Seniority No.	2 NAMES.	3 Passed in the Vernacular.	4 Age on 15th April 1874.			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.	54	2	18	Dy. Supdt. of Survey	1st Grade	1,800	0	0*	April 1, 1866
2	Major G. C. Depree, s. c. ...	P. H.	41	8	13	Ditto ...	Ditto ...	1,440	14	0	Oct. 20, 1866
3	Capt. W. G. Murray, s. c. ...	P. H.	39	1	6	Ditto ...	2nd Grade	1,024	1	6	April 1, 1869
4	„ Geo. Strahan, B. E. ...	P. H.	35	2	10	Ditto ...	Ditto ...	1,083	10	0	Oct. 26, 1870
5	Maj. H. H. Godwin-Austen, s. c. ...	P. H.	39	9	12	Ditto ...	Ditto ...	1,290	14	0	Jan. 1, 1868
6	Capt. R. V. Riddell, B. E. ...	P. H.	34	1	3	Ditto ...	3rd Grade	933	10	0	Oct. 1, 1867
7	Capt. Chas. Strahan, B. E. ...	...	Not known	...	...	Ditto ...	Ditto ...	917	7	8	Dec. 1, 1867
8	Mr. J. O. N. James ...	...	44	8	9	Ditto ...	Ditto ...	700	0	0	April 1, 1869
9	„ F. B. Girdlestone ...	...	31	0	15	Ditto ...	Ditto ...	700	0	0	Aug. 11, 1873
10	Capt. W. F. Badgley, s. c. ...	P. H.	36	5	6	Assistant Supdt. of Survey.	1st Grade	749	1	6	May 8, 1868
11	Lieut. T. H. Holdich, B. E. ...	L. S.	31	2	2	Ditto ...	Ditto ...	640	12	0	Dec. 15, 1868
12	Capt. J. Waterhouse, s. c. ...	P. H.	31	8	23	Ditto ...	Ditto ...	749	1	6	June 17, 1870
13	Mr. H. Horst ...	...	39	11	9	Ditto ...	Ditto ...	500	0	0	Oct. 1, 1869
14	Capt. J. R. Wilmer, s. c. ...	H. S.	33	2	27	Ditto ...	Ditto ...	749	1	6	Aug. 28, 1872
15	Lieut. R. G. Woodthorpe, B. E. ...	L. S.	29	6	23	Ditto ...	2nd Grade	515	12	0	...
16	„ E. P. Leach, B. E. ...	L. S.	27	0	14	Ditto ...	Ditto ...	515	12	0	...
17	Mr. N. A. Belletty ...	...	45	7	11	Surveyor	1st Grade	500	0	0	April 1, 1866
18	„ J. F. Baness ...	...	43	9	16	Ditto ...	Ditto ...	600	0	0	May 1, 1870
19	„ A. C. Chamarett ...	...	41	4	16	Ditto ...	Ditto ...	500	0	0	Mar. 1, 1871
20	„ H. J. Bolst ...	...	37	1	15	Ditto ...	Ditto ...	500	0	0	Oct. 1, 1872
21	„ G. A. McGill... ..	...	35	11	22	Ditto ...	2nd Grade	400	0	0	Jan. 1, 1871
22	„ D. Atkinson ...	...	35	11	8	Ditto ...	Ditto ...	400	0	0	Ditto ...
23	„ J. A. Vanderputt ...	...	35	6	0	Ditto ...	3rd Grade	350	0	0	Oct. 1, 1871
24	„ R. W. Chew ...	...	34	8	23	Ditto ...	Ditto ...	350	0	0	Ditto ...
25	„ J. Harper ...	...	36	0	0	Ditto ...	Ditto ...	350	0	0	Oct. 1, 1872
26	„ A. J. Wilson... ..	L. S.	31	7	15	Ditto ...	4th Grade	300	0	0	April 1, 1871
27	„ J. A. May ...	...	31	6	29	Ditto ...	Ditto ...	300	0	0	Oct. 1, 1871
28	„ F. Adams ...	...	37	11	21	Ditto ...	Ditto ...	300	0	0	Ditto ...
29	„ R. D. Farrell... ..	...	30	2	16	Ditto ...	Ditto ...	300	0	0	April 1, 1872
30	„ E. S. P. Atkinson ...	...	28	8	20	Ditto ...	Ditto ...	300	0	0	Ditto ...
31	„ M. J. Ogle ...	...	32	1	12	Ditto ...	Ditto ...	300	0	0	Ditto 1873
32	„ A. G. Wyatt... ..	...	29	1	20	Asst. Surveyor	1st Grade	250	0	0	April 1, 1871
33	„ C. F. Hamer... ..	...	28	5	9	Ditto ...	Ditto ...	250	0	0	Oct. 1, 1871
34	„ C. A. R. Scanlan ...	...	26	7	3	Ditto ...	Ditto ...	250	0	0	Ditto ...
35	„ R. Todd ...	...	28	9	4	Ditto ...	Ditto ...	250	0	0	Ditto ...
36	„ A. Chennell ...	...	27	4	16	Ditto ...	Ditto ...	250	0	0	Oct. 1, 1873
37	„ C. Tapsell ...	...	29	5	2	Ditto ...	Ditto ...	250	0	0	Ditto ...

9 Date of first appointment to the Department.	10 Period of service in present grade, on 1st April 1874.			11 Period of service counting for pension, on 1st April 1874.			12 Present post.	13 REMARKS.
	Y.	M.	D.	Y.	M.	D.		
Apl. 24, 1849	8	0	0	...	...	...	Depy. Supdt., 1st grade, No. 3 Survey.	* Includes Rs. 172 as a personal allowance. On furlough to Europe for 2 years from 4th Feb. 1874.
Oct. 20, 1854	7	5	12	...	...	...	Depy. Supdt., 1st grade, No. 4 Survey.	
May 8, 1857	5	0	0	...	...	...	Asst. Surveyor General in charge, Lithographic Press Branch.	On furlough to Europe from 14th February 1873.
July 2, 1862	3	5	6	...	...	...	Offg. Depy. Supdt., 1st grade, No. 7 Survey.	Drawing Rs. 1,233-10-0 from 4th January 1874. Vice Colonel Saxton on furlough.
May 8, 1857	6	3	0	...	...	...	Depy. Supdt., 2nd grade...	On furlough to Europe for 6 months from 5th September 1873.
Aug. 28, 1862	7	6	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	6	4	0	...	...	...	Offg. Depy. Supdt., 2nd grade, No. 1 Survey.	Drawing Rs. 1,083-10-0 from 4th January 1874. Vice Captain George Strahan, promoted.
July 29, 1845	5	0	0	(a)28	8	3	Asst. Survr. Genl., in charge Cartographic and Engraving Branches Head-Quarters.	
Aug. 1, 1863	0	7	21	(b) 7	9	0	Depy. Supdt., 3rd grade, No. 2 Survey.	(b) Exclusive of leave on medical certificate to Europe.
May 3, 1865	5	10	24	...	...	...	Offg. Depy. Supdt., 3rd grade, No. 5 Survey.	Drawing Rs. 874-1-6 from 11th August 1873. Vice Captain Riddell, promoted.
July 23, 1866	5	3	17	...	...	...	Offg. Depy. Supdt., 3rd grade, No. 1 Survey.	Drawing Rs. 765-12-0 from 15th December 1873.
July 23, 1866	3	9	14	...	...	...	Asst. Survr. Genl. in charge, Photographic Branch at Head-Quarters.	
Sept. 1, 1854	4	6	0	(a)19	7	0	Asst. Supdt., 1st grade, No. 5 Survey.	
Aug. 24, 1869	1	7	4	...	...	...	Asst. Supdt., 1st grade, No. 7 Survey.	
July 14, 1871	2	8	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	2	5	26	...	...	...	Offg. Asst. Supdt., 1st grade, No. 1 Survey.	Drawing Rs. 640-12-0 from 4th January 1874. Vice Lieutenant Holdich, promoted.
July 16, 1847	8	0	0	(a)26	8	14	Survr., on duty at Head-Quarters.	
Sept. 5, 1856	3	11	0	17	6	26	Chief Draftsman, Head-Quarters.	
June 2, 1852	3	1	0	(a)21	9	28	Geographical Examiner, Head-Quarters.	
July 26, 1852	1	6	0	(a)21	8	4	Survr., 1st grade	On furlough to Europe for 2 years from 3rd November 1874.
Apl. 8, 1855	3	3	0	(a)18	11	23	Offg. Survr., 1st grade, No. 4 Survey.	Drawing Rs. 500 from 1st January 1874. Vice Mr. Bolst on furlough.
Aug. 4, 1856	3	3	0	(a)17	7	27	On duty at Head-Quarters as 1st Draftsman.	
Sept. 1, 1856	2	6	0	(a)17	7	0	Survr., 3rd grade, No. 4 Survey.	
Sept. 15, 1856	2	6	0	(a)17	6	16	Survr., 3rd grade, No. 2 Survey.	
Aug. 8, 1857	1	6	0	(a)15	6	13†	Survr., 3rd grade, No. 3 Survey.	† 15 months 10 days' medical leave deducted.
Dec. 1, 1860	3	0	0	(a)13	3	0	On duty at Head-Quarters.	
Oct. 1, 1860	2	6	0	(a)13	6	0	Survr., 4th grade, No. 3 Survey.	
Ditto ...	2	6	0	(a)17	4	28	Ditto ...	From 3rd November 1856 to 30th September 1860. Previous service as Sub-Surveyor.
Oct. 1, 1860	2	0	0	(a)13	6	0	Survr., 4th grade, No. 1 Survey.	
Aug. 13, 1861	2	0	0	(a)12	7	18	Survr., 4th grade, No. 7 Survey.	
July 1, 1863	1	0	0	10	0	27	Survr., 4th grade, No. 6 Survey.	
Nov. 1, 1861	3	0	0	(a)12	5	0	Asst. Survr., 1st grade, No. 2 Survey.	
Aug. 3, 1863	2	6	0	5	5	24	Asst. Survr., 1st grade, No. 5 Survey.	
Sept. 9, 1863	2	6	0	4	6	18	Asst. Survr., 1st grade, No. 1 Survey.	
Nov. 1, 1863	2	6	0	6	8	4	Asst. Survr., 1st grade, No. 7 Survey.	
May 1, 1864	1	6	0	5	3	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	6	0	7	4	17	Asst. Survr., 1st grade, No. 7 Survey.	

1	2	3	4	5	6	7	8
General Seniority No.	NAMES.	Passed in the Vernacular.	Age on 15th April 1874.	Rank.	Grade.	Salary.	Date of appointment to present grade.
			Y. M. D.			Rs. A. P.	
38	Mr. A. James ...	...	27 4 27	Asst. Surveyor ...	1st Grade	250 0 0	Sept. 1, 1873
39	„ T. E. M. Claudius ...	...	27 10 15	Ditto ...	2nd Grade	200 0 0	Oct. 1, 1869
40	„ F. Kitchen ...	...	28 0 22	Ditto ...	Ditto ...	200 0 0	Apl. 1, 1871
41	„ W. Stotesbury ...	...	26 8 21	Ditto ...	Ditto ...	200 0 0	Ditto ...
42	„ J. A. Barker ...	...	25 0 3	Ditto ...	Ditto ...	200 0 0	Oct. 1, 1871
43	„ E. A. Wainright ...	...	25 9 28	Ditto ...	Ditto ...	200 0 0	Ditto ...
44	„ W. J. Cornelius ...	...	25 0 16	Ditto ...	Ditto ...	200 0 0	Ditto 1872
45	„ W. W. McNair ...	...	23 7 3	Ditto ...	Ditto ...	200 0 0	Ditto ...
46	„ W. F. Pettigrew ...	...	29 8 3	Ditto ...	Ditto ...	200 0 0	Ditto ...
47	„ P. J. W. Doran ...	...	24 11 11	Ditto ...	Ditto ...	200 0 0	Apl. 1, 1873
48	„ H. T. Kitchen ...	...	25 10 8	Ditto ...	3rd Grade	160 0 0	Nov. 1, 1870
49	„ A. Cooper ...	...	33 5 19	Ditto ...	Ditto ...	160 0 0	Jan. 1, 1871
50	„ J. H. Wilson ...	...	27 9 8	Ditto ...	Ditto ...	160 0 0	Apl. 1, 1871
51	„ W. H. Lilley ...	...	25 4 13	Ditto ...	Ditto ...	160 0 0	May 1, 1871
52	„ W. Robert ...	...	23 1 18	Ditto ...	Ditto ...	160 0 0	Oct. 1, 1872
53	„ F. E. Warde ...	...	22 7 9	Ditto ...	Ditto ...	160 0 0	Sept. 1, 1873
54	„ C. T. Templeton ...	...	21 7 12	Ditto ...	Ditto ...	160 0 0	Ditto ...
55	„ J. McCay ...	...	20 6 8	Ditto ...	4th Grade	120 0 0	...
56	„ W. C. G. Barckley ...	...	22 5 25	Ditto ...	Ditto ...	120 0 0	...
57	„ Geo. Vander Beek ...	...	24 7 0	Ditto ...	Ditto ...	120 0 0	...
58	„ J. H. O'Brien ...	...	22 0 23	Ditto ...	Ditto ...	120 0 0	...
59	„ W. M. Kelly ...	...	19 8 10	Ditto ...	Ditto ...	120 0 0	...
60	„ J. Murray ...	...	21 8 1	Ditto ...	Ditto ...	120 0 0	...
61	„ A. Kitchen ...	...	21 2 20	Ditto ...	Ditto ...	120 0 0	...
62	„ G. Read ...	...	20 3 20	Ditto ...	Ditto ...	120 0 0	...
63	„ P. White ...	...	23 5 23	Ditto ...	Ditto ...	120 0 0	...
64	„ T. Downes ...	...	21 3 7	Probationary ditto	Ditto ...	120 0 0	...
65	„ E. Graham ...	...	...	Ditto ...	Ditto ...	120 0 0	...
66	„ G. L. Fleming ...	...	...	Ditto ...	Ditto ...	120 0 0	...
67	„ G. R. Copping ...	...	20 9 21	Ditto ...	Ditto ...	120 0 0	...
68	„ G. A. Knight ...	...	...	Ditto ...	Ditto ...	120 0 0	...

9	10	11	12	13
Date of first appointment to the Department.	Period of service in present grade, on 1st April 1874.	Period of service counting for pension, on 1st April 1874.	Present post.	REMARKS.
	Y. M. D.	Y. M. D.		
June 15, 1864	0 7 0	5 4 12	Asst. Survr., 1st grade, No. 4 Survey.	
Aug. 10, 1863	4 6 0	5 10 0	Asst. Survr., 2nd grade, No. 3 Survey.	
Oct. 4, 1864	3 0 0	5 11 20	Asst. Survr., 2nd grade, No. 7 Survey.	
Oct. 1, 1864	3 0 0	4 8 6	Asst. Survr., 2nd grade, No. 7 Survey.	
Sept. 18, 1865	2 6 0	5 11 17	Asst. Survr., 2nd grade, No. 4 Survey.	
May 1, 1865	2 6 0	3 9 12	Asst. Survr., 2nd grade, No. 5 Survey.	
Aug. 15, 1866	1 6 0	4 0 15	Asst. Survr., 2nd grade, No. 1 Survey.	
Sept. 1, 1867	1 6 0	2 5 26	Asst. Survr., 2nd grade, No. 7 Survey.	
Sept. 12, 1866	1 6 0	7 7 18	Asst. Survr., 2nd grade, No. 3 Survey.	
Feb. 1, 1867	1 0 0	3 3 0	Asst. Survr., 2nd grade, No. 1 Survey.	
Nov. 1, 1867	3 5 0	3 9 22	Asst. Survr., 3rd grade, No. 5 Survey.	
Dec. 1, 1867*	3 3 0	6 3 0	Asst. Survr., 3rd grade, No. 3 Survey.	* Served previously in the Pegu Survey from 22nd January 1863.
Apl. 1, 1868	3 0 0	5 8 22	Asst. Survr., 3rd grade, No. 4 Survey.	
May 1, 1868	2 11 0	3 3 27	Asst. Survr., 3rd grade, No. 5 Survey.	
Aug. 1, 1869	1 6 0	1 1 3	Asst. Survr., 3rd grade, No. 6 Survey.	
Sept. 1, 1870	0 7 0	0 6 24	Asst. Survr., 3rd grade, No. 7 Survey.	
Ditto ...	0 7 0	Nil	Asst. Survr., 3rd grade, No. 1 Survey.	
Dec. 1, 1870	3 4 0	Nil	Asst. Survr., 4th grade, No. 6 Survey.	
Dec. 1, 1871	2 4 0	0 5 10	Asst. Survr., 4th grade, No. 2 Survey.	
July 1, 1872	1 9 0	1 0 15	Asst. Survr., 4th grade, No. 3 Survey.	
Oct. 1, 1872	1 6 0	0 0 8	Asst. Survr., 4th grade, No. 1 Survey.	Leave on private affairs for 1 year (without pay) from 16th July 1873.
Ditto ...	1 6 0	Nil	Asst. Survr., 4th grade, No. 5 Survey.	
Ditto ...	1 6 0	Nil	Asst. Survr., 4th grade, No. 6 Survey.	
Ditto ...	1 6 0	Nil	Asst. Survr., 4th grade, No. 7 Survey.	
Ditto ...	1 6 0	Nil	Asst. Survr., 4th grade, No. 4 Survey.	Leave on medical certificate for 3 months from 5th February 1874.
Ditto ...	1 6 0	1 5 8	Asst. Survr., 4th grade, No. 7 Survey.	
Aug. 11, 1873†	0 7 21	Nil	Asst. Survr., 4th grade, No. 5 Survey.	† Previous service, Sub-Survr., from 1st Nov. 1872.
Ditto ‡ ...	0 7 21	Nil	Asst. Survr., 4th grade, No. 2 Survey.	‡ Ditto ditto ditto.
Ditto ...	0 7 21	Nil	Asst. Survr., 4th grade, No. 4 Survey.	
Ditto § ...	0 7 21	Nil	Asst. Survr., 4th grade, No. 6 Survey.	§ Ditto apprentice from 1st October 1872.
Ditto ...	0 7 21	...	Asst. Survr., 4th grade, No. 1 Survey.	

DISPOSITION LIST
OF
OFFICERS OF THE TOPOGRAPHICAL SURVEY OF INDIA
ON THE
1st April 1874.

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 April 1874.

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	Depty. Supdt., 2nd grade, Asst. Surveyor General.	...	On furlough to Europe for 2 years from the 14th February 1873.
J. O. N. James, Esq. ...	8	Depty. Supdt., 3rd grade, Asst. Surveyor General.	April 1, 1866	In charge Cartographic and Engraving Branches.
Captain J. Waterhouse, s. c. ...	12	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, Kotab, Jhalawar, 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.	No return. Field season of 1874 not concluded.	Rs. 62,480

Department of India, on the 1st April 1874.

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	Offg. Deputy Superintendent, 2nd grade.	13th Oct. 1867.	
Lieutenant E. P. Leach, R. E. ...	16	Offg. Assistant Superintendent, 1st grade.		
Mr. H. J. Bolst ...	20	Surveyor, 1st grade.	...	On furlough to Europe for 2 years, from 3rd November 1873.
" 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 ...	59	Ditto, ditto.		
" G. A. Knight ...	68	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.	Writer.	Flagmen and Carriers.	Native Doctors.	Barkandazes.				
		No.	No.	No.	No.	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).	No return. Field season of 1874 not concluded.	Rs. 56,926

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.	No.			
3	Bustar and Rakapili in the Central Provinces; Panchipenta, Jeypur, Madgul, and Golgonda 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.	No return. Field season of 1874 not concluded.	Rs. 63,615	

Department of India, on the 1st April 1874—continued.

Officer in charge, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
F. B. Girdleston, Esq., (in charge) ...	9	Depy. Supdt., 3rd grade ...	4th Dec. 1871.	Party organized, 4th Dec. 1871. Commenced work January 1872.
Mr. R. W. Chew ...	24	Surveyor, 3rd grade.		
„ A. G. Wyatt ...	32	Asst. Surveyor, 1st grade.		
„ W. C. G. Barckley ...	56	Ditto, 3rd grade.		
„ E. Graham ...	65	Proby. Ditto, 4th grade.		

Department of India, on the 1st April 1874—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.	On furlough to Europe for 2 years from 4th February 1874.
Lieut. T. H. Holdich, R. E., (Offg. in charge).	11	Offg. Ditto, 3rd grade.	Dec. 15, 1873	
Mr. J. Harper ...	25	Surveyor, 3rd grade.		
„ J. A. May ...	27	Ditto, 4th grade.		
„ F. Adams ...	28	Ditto, ditto.		
„ T. E. M. Claudius ...	39	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.	No return. Field season of 1874 not concluded.	Rs. 57,899

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, Rajgurb, Narsingurb, Tonk and Maksudan-gurb 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.	2,723 square miles of Final Topography and 2,834 square miles of Triangulation in advance of Topography. 288 Linear miles of check routes.	Rs. 57,399

Department of India on the 1st April 1874—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	Offg. Surveyor, 1st 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 ...	62	Ditto, 4th grade.		
„ G. L. Fleming ...	66	Proby. ditto.		

Department of India, on the 1st April 1874—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.	
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, ditto.		
„ W. H. Lilley ...	51	Ditto, ditto.		
„ J. Murray ...	61	Ditto, 4th grade.		
„ A. Kitchen ...	61	Ditto, ditto.		
„ T. Downes ...	64	Proby. Ditto, ditto.		
„ G. R. Copping ...	67	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.							
6	Naga, Garo, Tipperah and Lushai Hills on the Eastern frontier of Bengal, and in the Manipur State.	3	1	98	1	10	...	Final Topography, 5,259 square miles. Triangulation, 4,667 square miles.	No return. Field season of 1874 not concluded.	Rs. 74,868

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.							
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.	3,170 square miles of Final Topography. 95 Linear miles of check routes.	Rs. 66,699

Department of India on the 1st April 1874 — 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.
Captain W. F. Badgley, s. c., (Offg. in charge).	10	Offg. Depy. Supdt., 3rd grade.		
Lieut. R. G. Woodthorpe, B. 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, 3rd grade.		

Department of India on the 1st April 1874 — concluded.

Officer in charge, Assistant Superintendent, and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Captain George Strahan, B. E., (in charge)	4	Offg. Depy. Supdt., 1st grade ...	July 1864.	
„ 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. Wardo	53	Ditto, 3rd grade.		
„ P. White	63	Ditto, 4th grade.		

ALPHABETICAL LIST
OF
OFFICERS OF THE REVENUE SURVEY DEPARTMENT.

	PAGES.
Adels, H. R.	38, 48, ...
Anderson, B.	38, 46, ...
Anderson, F. C., Lieut.-Colonel	30, 42, 53
Anderson, T.	38, 48, ...
Andrew, D. C., Captain	32, 44, 55
Barclay, R.	34, 42, ...
Barrett, E. C.	32, 44, 55
Barron, W., Captain	30, 44, 53
Beavan, R., Captain	32, 46, 53
Blyth, G. H.	34, 42, ...
Bradley, H. C.	38, 48, ...
Brownfield, C.	34, 42, ...
Buttress, G. R.	34, 42, ...
Buttress, W. S.	34, 44, ...
Campbell, C. W.	34, 42, ...
Campbell, G.	38, 44, ...
Campbell, J.	32, 42, 55
Coddington, F., Captain	30, 44, 53
Connor, J.	36, 46, ...
Cooke, G. H.	32, 46, 53
Corbett, W. D.	38, 46, ...
Cowan, S. H., Captain	32, 46, 53
Cowley, P. A. G.	34, 42, ...
Coxen, J. T. U.	36, 44, ...
David, C.	34, 42, ...
Dickinson, R. R.	38, 48, ...
Dowman, H.	34, 44, ...
Drew, E. B. M.	38, 48, ...
Dunne, T. H.	36, 46, ...
Ewing, R. C. D.	36, 46, ...
Ford, C. W. J.	38, 48, ...
Ford, P.	36, 44, ...
Freeman, T. F.	36, 46, ...
Gaspar, E. H. S.	38, 48, ...
Gastrell, H. E.	32, 46, 53
Gastrell, J. E., Colonel	30, 42, ...
Gibson, A. J.	34, 44, ...
Grant, F.	34, 42, ...
Hanby, H. T.	36, 44, ...
Heberlet, P. E.	38, 48, ...
Hill, E. P. S.	38, 48, ...
Hill, L. G.	34, 44, ...
Housden, G.	32, 42, ...
Huree Sing, Babu	36, 42, ...
Hutchinson, H. S., Captain	32, 46, 53
Jackson, E. J.	32, 46, 53
Jarbo, G. W.	36, 46, ...
Johnson, E. T. S.	30, 42, 55
Johnstone, H. C., Colonel	30, 42, 55
Kelly, F. W.	34, 42, ...
King, D. A.	36, 44, ...
Lane, W. J.	36, 46, ...
Lane, W.	30, 42, 53
Lawson, A. M.	34, 44, ...
Lemarchand, A. C. W.	36, 46, ...
Lincoln, E. W.	36, 46, ...
Lincoln, W. J.	38, 46, ...

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Little, E.	36, 44, ...
Littlewood, H. R.	34, 44, ...
Loftie, E.	34, 42, ...
Macdonald, D., Major	30, 44, 53
Macdonald, J., Lieut.-Colonel	30, 42, ...
Madras, S. O.	36, 46, ...
Martin, E. J.	38, 46, ...
Martin, G. W., Lieutenant	32, 48, 53
McHatton, J.	36, 46, ...
Moran, T. D.	36, 44, ...
Murphy, J.	38, 46, ...
Newland, J.	36, 44, ...
Oakes, R. E., Lieut.-Colonel	30, 42, 53
O'Donel, G. H.	38, 48, ...
O'Donel, J. H.	36, 44, ...
Osborne, J. H. W., Captain	30, 44, ...
O'Toole, J.	38, 46, ...
Parker, G. E.	38, 48, ...
Patterson, T.	36, 46, ...
Patterson, W. H.	32, 42, ...
Pemberton, J. S.	34, 44, ...
Penrose, W. H.	38, 46, ...
Peters, P. A.	38, 48, ...
Rae, G.	34, 44, ...
Reilly, T. W.	34, 44, ...
Ross, P. S.	38, 48, ...
Samuells, E. W., Captain	32, 44, 53
Sandeman, J. E., Captain	32, 46, 53
Sconce, J., Major	30, 44, 53
Scott, A. J. C., Lieutenant	32, 48, 55*
Scott, G. B.	36, 44, ...
Scott, G. L. R.	36, 46, ...
Scott, J. R.	36, 46, ...
Seyers, C. W. F.	36, 46, ...
Shaw, T.	38, 46, ...
Sinclair, W.	34, 42, ...
Smart, A. D.	34, 46, ...
Smart, A. W.	38, 48, ...
Smart, R. B.	30, 42, 55
Smart, R. B.	36, 44, ...
Smith, H. L., Captain	32, 46, 53
Smith, W. J.	36, 46, ...
Smylie, S. M.	34, 44, ...
Steel, E. H., Captain	32, 46, 55
Stewart, W. J., Captain	32, 44, 53
Stoelké, J. N.	36, 44, ...
Swiney, G. C.	36, 46, ...
Swiney, J. S.	36, 46, ...
Swyny, J. A.	34, 44, ...
Talbot, H. B.	32, 42, 55
Tanner, H. C. B., Captain	30, 44, 53
Todd, J.	34, 44, ...
Vanrenen, A. D., Major	30, 42, 53
Vanrenen, D. C. Colonel	30, 42, ...
Vyall, W. R.	34, 42, ...
Wavell, L., Captain	32, 48, 55
Wilkins, W. H., Captain	32, 44, 55
Wilson, B. M.	38, 48, ...
Wilson, C. W.	36, 46, ...
Wilson, W. A.	34, 44, ...
Youngs, G. B.	36, 46, ...
Young, H. G.	38, 48, ...

CLASSIFIED LIST
OF
OFFICERS OF THE REVENUE SURVEY DEPARTMENT
FOR THE
Half-year ending 31st March 1874.

Number of Officers in each Grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.
1	Colonel James Eardly Gastrell, s. c.	Superintendent of Revenue Surveys, Upper Circle.	.....
S	„ Donald Campbell Vanrenen, B. A.	Ditto, Lower Circle	.....
<p>EXECUTIVE OFFICERS.</p> <p>SENIOR DEPARTMENT.</p> <p>DEPUTY SUPERINTENDENTS.</p> <p>1ST GRADE MILITARY OFFICERS.</p> <p>Staff pay 800</p> <p>Maximum aggregate pay 1,800</p> <p>Civil consolidated salary 1,100</p>			
S	Lieut.-Col. John Macdonald, s. c.	Deputy Supdt. of Revenue Survey, 1st grade.	.....
1	Colonel Henry Campbell Johnstone, c. B., s. c.	Ditto	In charge N. W. Frontier
2	Lieut.-Col. Frederick Cortlandt Anderson, s. c.	Ditto	In charge, 2nd Division, N. W. P.
No. 3	Vacant.		
<p>2ND GRADE MILITARY OFFICERS.</p> <p>Staff pay 650</p> <p>Maximum aggregate pay 1,400</p> <p>Civil consolidated salary 900</p>			
S	Major Adrian Denny's Vanrenen, s. c.	Deputy Supdt. of Revenue Survey, 2nd grade.	.....
1	Lieut.-Col Richard Edward Oakes, s. c.	Ditto	In charge, 1st Division, C. P.
2	Mr. Robert Broughton Smart	Ditto	In charge, 4th Division, N. W. P.
3	Major James Sconce, s. c.	Ditto	In charge, 3rd Division, L. P.
4	Mr. William Lane	Ditto	In charge, 2nd Division, C. P.
No. 5	Vacant.		
<p>3RD GRADE MILITARY OFFICERS.</p> <p>Staff pay 500</p> <p>Maximum aggregate pay 1,200</p> <p>Civil consolidated salary 700</p>			
1	Major Donald Macdonald, s. c.	Deputy Supdt. of Revenue Survey, 3rd grade.	In charge, 1st Division, L. P.
2	Captain Fitzherbert Coddington, s. c.	Ditto	In charge, 1st or Nassik Divn., Bombay
3	„ William Barron, s. c.	Ditto	In charge, 1st Division, N. W. P.
4	„ Henry Charles Baskerville Tanner, s. c.	Ditto	In charge, 2nd or Ahmednuggur Division, Bombay.
5	Mr. Edward Thomas Smith Johnson	Ditto	In charge, 3rd Division, N. W. P.
S	Captain John Henry Willoughby Osborne, late 44th N. I.	Ditto	.....
No. 6	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.	
Jan. 13, 1852	{ Mar. 11, 1867 Dec. 11, 1873*	952 14 0	1,000 0 0	1,952 14 0	...	* Permitted to retain appointment until 11th December 1875 Vide A. R. C. Department Notification No. 838, dated 19th December 1873.
Oct. 3, 1846	Mar. 11, 1867	1,265 5 0	1,000 0 0	2,265 5 0	...	On subsidiary leave from 13th March 1874, preparatory to furlough, p. a. to Europe.
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.
May 27, 1853	Ditto	827 14 0	800 0 0	1,627 14 0	...	Exclusive of Rs. 15, half-scale local allowance whilst in the field.
Sept. 10, 1852	Ditto 1868	827 14 0	800 0 0	1,627 14 0	...	
July 8, 1856	July 8, 1866	640 14 0	650 0 0	1,290 14 0	...	Europe, p. a., for 2 years, from 1st December 1873.
Apl. 7, 1858	April 7, 1867	827 14 0	650 0 0	1,477 14 0	...	Offg. in the 1st grade, and drawing Rs. 800 staff pay from 1st December 1873.
Sept. 21, 1846	Nov. 6, 1868	...	...	...	900	
Oct. 21, 1859	Ditto	417 7 8	650 0 0	1,067 7 8	...	
Feb. 10, 1837	Feb. 10, 1871	...	...	...	900	Confirmed in 2nd grade, from 4th March 1873.
Dec. 19, 1860	April 1, 1866	640 14 0	{ 500 0 0 Personal allowance Rs. 26. }	1,166 14 0	...	Exclusive of Assam allowance Rs. 75. Offg. in the 2nd grade, and drawing Rs. 650 staff pay from 15th January 1874.
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.
June 27, 1862	April 1, 1870	374 1 6	500 0 0	874 1 6	...	
Oct. 10, 1862	Ditto	374 1 6	500 0 0	874 1 6	...	Exclusive of full-scale local allowance, Rs. 30.
Oct. 13, 1847	July 5, 1870	...	...	...	700	
Jan. 28, 1862	April 1, 1870	415 6 0	500 0 0	915 6 0	...	Europe, m. c., for 1 year, from 27th March 1873.

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 SUPERINTENDENTS.										
Rs.										
1ST GRADE MILITARY OFFICERS.										
	Staff pay ... ..	...	...	...	...	...	...	...	...	375
	Maximum aggregate pay ... ..	...	...	...	...	...	...	...	...	750
	Civil consolidated salary ... ..	...	...	...	...	...	...	...	...	500
1	Captain David Clapham Andrew, s. c.	Asst. Supdt. of Revenue Survey, 1st grade.	In charge, 1st Division, Bhawalpore ...	Dec. 30, 1862	Dec. 30, 1866	374 1 6	375 0 0	749 1 6	...	Offg. Depy. Supdt., 3rd grade, and drawing Rs. 500 staff pay from 10th August 1870.
2	„ William Henry Wilkins, s. c.	Ditto	In charge, Delhi and Hissar Division ...	Apl. 27, 1863	Apl. 27, 1867	374 1 6	375 0 0	749 1 6	...	Offg. Depy. Supdt., 3rd grade, and drawing Rs. 500 staff pay from 28th March 1872.
3	Mr. James Campbell	Ditto	In charge, 2nd Division, Bhawalpore ...	Oct. 8, 1844	Nov. 29, 1867	...	...	...	500	Offg. Depy. Supdt., 3rd grade, and drawing Rs. 700 from 21st January 1873.
4	Captain Edward Walker Samuells, s. c.	Ditto	In charge, 2nd Division, L. P. ...	Dec. 17, 1863	Jan. 25, 1868	374 1 6	375 0 0	749 1 6	...	Exclusive of Assam allowance Rs. 75.
5	„ William Jackson Stewart, s. c.	Ditto	2nd Division, N. W. P. ...	Oct. 8, 1860	Apl. 20, 1871	374 1 6	375 0 0	749 1 6	...	
6	„ John Edward Sandeman, s. c.	Ditto	1st Division, L. P. ...	Oct. 6, 1864	Oct. 6, 1868	374 1 6	375 0 0	749 1 6	...	
7	„ Henry Lees Smith, s. c.	Ditto	1st Division, N. W. P. ...	Mar. 26, 1866	June 18, 1870	374 1 6	375 0 0	749 1 9	...	
8	Mr. Henry Blaquiere Talbot, L. S.	Ditto	3rd Division, N. W. P. ...	Dec. 1, 1848	Sept. 12, 1870	...	...	...	500	
No. 8	In excess.									
2ND GRADE MILITARY OFFICERS.										
	Staff pay ... ..	...	...	...	...	...	...	...	...	250
	Maximum aggregate pay ... ..	...	...	...	...	...	...	...	...	750
	Civil consolidated salary ... ..	...	...	...	...	...	...	...	...	350
	Probationers, Military Officers, Staff pay ... ..	...	...	...	...	...	...	...	...	150
	Civil consolidated salary ... ..	...	...	...	...	...	...	...	...	250
1	Captain Samuel Hunter Cowan, s. c.	Asst. Supdt. of Revenue Survey, 2nd grade.	1st Division, L. P. ...	Jan. 19, 1867	Mar. 17, 1868	374 1 6	250 0 0	624 1 6	...	On special duty, Duffa Frontier. Offg. Asst. Supdt., 1st grade, and drawing Rs. 375 staff pay from 8th May 1872. Exclusive of Assam allowance, Rs. 75.
2	„ Henry Stephen Hutchinson, s. c.	Ditto	2nd or Ahmednuggur Division, Bombay	Aug. 13, 1867	Aug. 13, 1868	374 1 6	250 0 0	624 1 6	...	Offg. in the 1st grade, and drawing Rs. 375 staff pay from 27th March 1873. Exclusive of full-scale local allowance, Rs. 30.
3	Mr. Edward Clifford Barrett, H. S.	Ditto	4th Division, N. W. P. ...	Nov. 18, 1862	Dec. 30, 1868	...	...	...	350	
4	„ Edwin James Jackson, L. S.	Ditto	2nd Division, L. P. ...	Sept. 26, 1864	Nov. 5, 1868	...	...	...	350	Exclusive of Assam allowance, Rs. 75.
5	Captain Edward Harris Steel, s. c.	Ditto	N. W. Frontier ...	Jan. 26, 1869	May 20, 1869	374 1 6	250 0 0	624 1 6	...	Exclusive of Rs. 15, half-scale local allowance, whilst in the field.
6	„ Reginald Beavan, s. c.	Ditto	1st Division, C. P. ...	July 17, 1868	Nov. 9, 1869	374 1 6	250 0 0	624 1 6	...	
7	Mr. Henry Eardly Gastrell, L. S.	Ditto	3rd Division, L. P. ...	Apl. 26, 1869	Apl. 26, 1870	...	...	...	350	
8	„ Gordon Henry Cooke, L. S.	Ditto	2nd Division, C. P. ...	Dec. 6, 1866	May 10, 1871	...	...	...	350	
9	Captain Llewelyn Wavell, s. c.	Ditto	Delhi and Hissar Division ...	Jan. 27, 1871	Jan. 27, 1872	374 1 6	250 0 0	624 1 6	...	
10	Lieutenant Gerald Ward Martin, 88th Foot	Ditto	1st or Nassik Division, Bombay ...	Mar. 24, 1871	Jan. 17, 1873	225 12 0	250 0 0	475 12 0	...	Exclusive of full-scale local allowance, Rs. 30.
11	„ Alexander James Corse Scott, s. c.	Ditto	1st Division, Bhawalpore ...	Jan. 17, 1872	Jan. 17, 1873	225 12 0	250 0 0	475 12 0	...	
No. 11	In excess.									
SUBORDINATE DEPARTMENT.										
REVENUE SURVEYORS.										
1ST GRADE—SALARY Rs. 500.										
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, L. S.	Ditto	1st Division, L. P. ...	Dec. 1, 1851	Jan. 1, 1871	...	...	...	500	Exclusive of Assam allowance, Rs. 50.

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. A. P.			
REVENUE SURVEYORS,—continued.										
2ND GRADE—SALARY Rs. 400.										
5	Mr. Frederick William Kelly, H. 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	
3RD GRADE—SALARY Rs. 350.										
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.
6	„ Patrick Augustus George Cowley, L. S.	Ditto	3rd Division, N. W. P.	Sept. 1, 1859	Oct. 1, 1873	...	...	...	350	
Nos. 7 & 8.	} Vacant.									
4TH GRADE—SALARY Rs. 300.										
1	Mr. Charles David	Revenue Surveyor, 4th grade.	3rd Division, L. P.	Sept. 1, 1847 ^(a)	Jan. 1, 1872	...	...	...	300	(a) Office Assistant from 1st September 1847 to 31st December 1861.
2	„ George Rae	Ditto	1st Division, C. P.	Sept. 1, 1859	Apr. 1, 1872	...	...	...	300	
3	„ Samuel Mack Smylie	Ditto	2nd or Ahmednuggur Division, Bombay	July 24, 1860	Ditto	...	...	...	300	Exclusive of full-scale local allowance, Rs. 36.
4	„ James Stewart Pemberton, L. S.	Ditto	Delhi and Hissar Division	Oct. 6, 1860	Ditto	...	...	...	300	
5	„ William Robert Vyall	Ditto	1st Division, L. P.	June 13, 1856	Apr. 1, 1869	...	...	...	300	Exclusive of Assam allowance, Rs. 50.
6	„ Henry Ross Littlewood	Ditto	2nd Division, C. P.	Oct. 6, 1860	Apr. 1, 1872	...	...	...	300	
7	„ William Alexander Wilson, L. S.	Ditto	2nd Division, Bhawalpore	Jan. 1, 1861	Ditto	...	...	...	300	
8	„ William Samuel Buttress	Ditto	N. W. Frontier	Sept. 1, 1860 ^(b)	Oct. 1, 1872	...	...	...	300	Exclusive of Rs. 15, half-scale local allowance, whilst in the field.—Copyist 1st to 30th September 1860.
9	„ George Robert Buttress	Ditto	1st Division, C. P.	Nov. 1, 1855	Oct. 31, 1872	...	...	...	300	
10	„ Thomas Wilfred Reilly	Ditto	2nd or Ahmednuggur Division, Bombay	Oct. 18, 1859	Nov. 1, 1872	...	...	...	300	Exclusive of full-scale local allowance, Rs. 36.
11	„ 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.
12	„ Andrew John Gibson	Ditto	1st Division, Bhawalpore	May 1, 1861	Oct. 1, 1873	...	...	...	300	
Nos. 13 & 14.	} Vacant.									
ASSISTANT REVENUE SURVEYORS.										
1ST GRADE—SALARY Rs. 250.										
1	Mr. Lawrence Graham Hill	Assistant Revenue Surveyor, 1st grade.	1st Division, Bhawalpore	Nov. 18, 1862	Jan. 1, 1871	...	...	...	250	
2	„ John Allan Swyny, L. S.	Ditto	2nd Division, L. P.	Feb. 13, 1862	Apr. 1, 1871	...	...	...	250	Exclusive of Assam allowance, Rs. 40.
	„ Henry Dowman	Ditto	4th Division, N. W. P.	Oct. 16, 1862	Oct. 16, 1871	...	...	...	250	

Mr. Peter Henry William Brady, Revenue Surveyor

3rd grade, died on the 7th March 1874.

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.										
1st GRADE—SALARY Rs. 250—continued.										
4	Mr. Edwin Little	Assistant Revenue Surveyor, 1st grade.	4th Division, N. W. P.	Jan. 1, 1860	Nov. 5, 1871	...	...	...	250	(a) Apprentice from 1st January 1860 to 4th Nov. 1862.
5	„ Henry Townsend Hanby	Ditto	1st Division, N. W. P.	Nov. 13, 1862	Nov. 13, 1871	...	...	...	250	
6	„ George Batley Scott	Ditto	1st Division, L. P.	May 1, 1863	Dec. 15, 1871	...	...	...	250	Exclusive of Assam allowance, Rs. 40.
7	„ John Nathaniel Stoelké	Ditto	2nd Division, C. P.	Aug. 3, 1863	Aug. 3, 1872	...	...	...	250	
8	„ James Hoppner O'Donel	Ditto	3rd Division, N. W. P.	Oct. 1, 1863	Oct. 1, 1872	...	...	...	250	
9	„ Phillip Ford	Ditto	Delhi and Hissar Division	Dec. 15, 1863	June 4, 1873	...	...	...	250	
10	„ Daniel Arthur King	Ditto	4th Division, N. W. P.	Apr. 12, 1864	Jan. 1, 1874	...	...	...	...	(b) Apprentice in Surveyor General's Office from 12th April to 30th June 1864.
Nos. 7 to 10:	In excess.									
2ND GRADE—SALARY Rs. 200.										
1	Mr. John Thomas Uniacke Coxen	Assistant Revenue Surveyor, 2nd grade.	3rd Division, L. P.	May 16, 1863	Jan. 1, 1874	...	—	...	200	
8	„ Thomas Dearman Moran	Ditto	1st Division, L. P.	Aug. 3, 1863	Aug. 3, 1869	...	...	...	200	Supernumerary—Temporarily transferred to Civil Department for Cooch Behar Khushra Survey.
2	„ Robert Boddington Smart	Ditto	N. W. Frontier	Jan. 1, 1864	Jan. 1, 1871	...	...	...	200	Exclusive of Rs. 12, half-scale local allowance, whilst in the field.
3	„ Edward Wrafter Lincoln	Ditto	1st Division, L. P.	Feb. 15, 1865	Feb. 15, 1871	...	...	...	200	(c) Apprentice from 1st Jan. to 31st Dec. 1864. Exclusive of Assam allowance, Rs. 40.
8	„ James Connor	Ditto ... ..	...	Ditto ...	Ditto ...	...	...	...	200	Supernumerary—Doing duty in Head-Quarters' Office.
8	„ Thomas Henry Dunne	Ditto ... ..	...	Ditto ...	Ditto ...	...	...	...	200	Ditto ditto.
4	„ William James Lane	Ditto	2nd Division, C. P.	Mar. 1, 1865	Apr. 24, 1871	...	...	...	200	
5	„ John Newland	Ditto	1st or Nassik Division, Bombay	Oct. 22, 1863	June 29, 1871	...	...	...	200	Exclusive of full-scale local allowance, Rs. 24.
6	„ Thomas Patterson	Ditto	1st Division, N. W. P.	Mar. 6, 1866	Jan. 1, 1872	...	...	...	200	
7	„ Richard Cunningham Dundee Ewing, L. s.	Ditto	2nd Division, L. P.	June 9, 1866	Sept. 9, 1872	...	...	...	200	Exclusive of Assam allowance, Rs. 40.
8	„ George Wilson Jarbo	Ditto	2nd Division, N. W. P.	Nov. 1, 1866	Nov. 1, 1872	...	...	...	200	
9	„ James Reid Scott, L. s.	Ditto	Ditto	Jan. 19, 1867	May, 1, 1873	...	...	...	200	
10	„ John McHatton, L. s.	Ditto	2nd Division, C. P.	July 1, 1867	July 1, 1873	...	...	...	200	
11	Babu Huree Sing	Ditto	N. W. Frontier	Oct. 28, 1852	Apr. 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. (d) Sub-Surveyor from 28th October 1852 to 30th September 1867.
3RD GRADE—SALARY Rs. 160.										
1	Mr. Charles Walker Wilson	Assistant Revenue Surveyor, 3rd grade.	2nd Division, Bhawalpore	June 21, 1867	Oct. 1, 1870	...	...	...	160	
2	„ William James Smith	Ditto	N. W. Frontier	Sept. 1, 1866	Apr. 1, 1871	...	...	...	160	Exclusive of Rs. 9-9-7, half-scale local allowance, whilst in the field.
3	„ Septimus Oswald Madras	Ditto	2nd Division, Bhawalpore	July 6, 1868	July 6, 1871	...	...	...	160	(e) Office Assistant from 1st September 1866 to 31st March 1868.
4	„ Thomas Frederick Freeman, L. s.	Ditto	2nd Division, L. P.	Sept. 9, 1868	Sept. 9, 1871	...	...	...	160	Exclusive of Assam allowance, Rs. 40.
5	„ George Carleton Swiney	Ditto	3rd Division, L. P.	Sept. 17, 1868	Sept. 17, 1871	...	...	...	160	
6	„ Charles Walter Franklin Seyers	Ditto	1st Division, C. P.	Dec. 1, 1864	Oct. 1, 1871	...	...	...	160	
7	„ George Bartlett Youngs	Ditto	1st Division, C. P.	Jan. 1, 1866	Nov. 1, 1869	...	...	...	160	
8	„ Alfred Collimore Wilson Lemarchand	Ditto	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	

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.										
11	Mr. James O'Toole ...	Asst. Revenue Surveyors	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 ^(a)	Aug. 1, 1870	...	...	...	120	(a) Office Assistant from 16th September 1867 to 31st July 1870.
2	„ William Dease Corbett ...	Ditto	4th Division, N. W. P. ...	Dec. 1, 1868 ^(b)	Ditto	...	...	...	120	(b) Office Assistant from 1st December 1868 to 31st July 1870.
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 ^(c)	Mar. 1, 1871	...	...	...	120	(c) Office Assistant from 1st January 1864 to 28th February 1871.
5	„ John Murphy ...	Ditto	2nd Division, N. W. P. ...	Nov. 22, 1868 ^(d)	Nov. 1, 1871	...	...	...	120	(d) Office Assistant from 22nd November 1868 to 31st October 1871.
6	„ Charles Wyatt Joseph Ford ...	Ditto	1st Division, N. W. P. ...	Nov. 1, 1871 ^(e)	Ditto	...	...	...	120	
7	„ Arthur William Smart ...	Ditto	3rd Division, N. W. P. ...	Dec. 1, 1871	Jan. 1, 1872	...	...	...	120	(e) Apprentice from 1st to 31st December 1871.
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 ^(f)	Ditto	...	...	...	120	(f) Apprentice from 9th August 1871 to 11th September 1872.
11	„ Percy Sheels Ross ...	Ditto	Ditto ditto ...	Apl. 23, 1871 ^(g)	Nov. 1, 1872	...	...	...	120	(g) Apprentice from 23rd April 1871 to 31st October 1872.
12	„ Bruce Macdonald Wilson ...	Ditto	3rd Division, L. P. ...	Feb. 1, 1872 ^(h)	Nov. 15, 1872	...	...	...	120	(h) Apprentice from 1st February 1872 to 14th November 1872.
13	„ Elliot Playfair Smyth Hill ...	Ditto	1st Division, N. W. P. ...	Nov. 16, 1872	Nov. 16, 1872	...	...	...	120	
14	„ Edmund Hume Stephen Gasper ...	Ditto	3rd Division, L. P. ...	Ditto	Ditto	...	...	...	120	
15	„ Henry Charles Bradley ...	Ditto	N. W. Frontier ...	Apl. 1, 1873 ⁽ⁱ⁾	Apl. 1, 1873	...	...	...	120	Exclusive of Rs. 10-12-9, half-scale local allowance whilst in the field.
16	„ Richard Randall Dickinson ...	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	(i) Apprentice from 1st April 1872 to 15th April 1873.
18	„ Edward Bolderodi Montebello Drew ...	Ditto	2nd Division, N. W. P. ...	May 5, 1873	May 5, 1873	...	...	...	120	
19	„ Paul Agabeg Peters ...	Ditto	N. W. Frontier ...	Nov. 1, 1873	Nov. 1, 1873	...	...	...	120	
S	„ Henry Reed Adels ...	Ditto	...	Feb. 18, 1874	Feb. 18, 1874	...	...	...	120	Supernumerary—Doing duty in Head Quarters' Office.
Nos. 20 to 22.	} Vacant.									

GENERAL LIST
OF
OFFICERS OF THE REVENUE SURVEY DEPARTMENT
ON THE
1st April 1874.

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.
1	Mr. William Lane ... ..	...	Y. M. D. 52 6 6	Deputy Supdt. of Revenue Survey.	2nd Grade	900	Offg. from 10th Feb. 1871. Confirmed from 4th March 1873.
2	„ James Campbell ... ..	...	46 3 0	Assistant Supdt. of Revenue Survey.	1st Grade	500	Nov. 29, 1867
3	„ Robert Broughton Smart ... ..	...	47 1 13	Deputy Supdt. of Revenue Survey.	2nd Grade	900	Nov. 6, 1868
4	Col. Donald Campbell Vanrenen, B. A.	P. H.	51 10 15	Superintendent of Revenue Surveys, Lower Circle.	...	1,000	Mar. 11, 1867
5	Mr. George Henry Blyth ... ..	...	44 6 9	Revenue Surveyor	2nd Grade	400	Jan. 1, 1873
6	„ Edward Loftie ... ..	...	46 5 25	Ditto ...	Ditto ...	400	Jan. 1, 1871
7	„ George Housden ... ..	...	43 3 0	Ditto ...	1st Grade	500	July 1, 1867
8	„ Charles David ... ..	...	46 3 15	Ditto ...	4th Grade	300	Jan. 1, 1873
9	„ Edward Thomas Smith Johnson ... ..	...	45 11 17	Deputy Supdt. of Revenue Survey.	3rd Grade	700	July 5, 1870
10	„ Henry Blaquiere Talbot	L. S.	45 5 20	Assistant Supdt. of Revenue Survey.	1st Grade	500	Sept. 12, 1870
11	„ William Henry Patterson ... ..	...	35 1 14	Revenue Surveyor	Ditto ...	500	Jan. 1, 1871
12	Col. James Eardly Gastrell, s. c.	P. C.	55 2 29	Superintendent of Revenue Surveys, Upper Circle.	...	1,000	Mar. 11, 1867 Dec. 11, 1873*
13	Lt.-Col. John Macdonald, s. c.	P. H.	43 11 5	Deputy Supdt. of Revenue Survey.	1st Grade	800	April 1, 1868
14	„ Frederick Cortlandt Anderson, s. c.	P. H.	46 9 23	Ditto ...	Ditto ...	800	April 1, 1868
15	Babu Huree Sing ... ..	...	44 1 0	Assistant Revenue Surveyor.	2nd Grade	200	April 1, 1871
16	Col. Henry Campbell Johnstone, C.B., s. c.	P. H.	50 9 4	Deputy Supdt. of Revenue Survey.	1st Grade	800	April 1, 1868
17	Mr. Charles William Campbell ... ..	...	42 11 9	Revenue Surveyor.	2nd Grade	400	July 1, 1870
18	„ William Sinclair ... ..	...	35 6 23	Ditto ...	3rd Grade	350	April 1, 1869
19	„ George Robert Buttress ... ..	...	33 8 15	Ditto ...	4th Grade	300	Oct. 31, 1873
20	„ William Robert Vvall ... ..	...	35 3 17	Ditto ...	Ditto ...	300	April 1, 1869
21	Major Adrian Dennys Vanrenen, s. c. ...	P. H.	43 1 0	Deputy Supdt. of Revenue Survey.	2nd Grade	650	July 8, 1868
22	Mr. Frederick Grant ... ..	...	38 0 21	Revenue Surveyor	Ditto ...	400	April 1, 1873
23	„ Constantine Brownfield	L. S.	33 8 9	Ditto ...	3rd Grade	350	April 1, 1869
24	„ Robert Barclay ... ..	...	32 9 5	Ditto ...	Ditto ...	350	Jan. 1, 1871
25	Lieut. Col. Richard Edward Oakes, s. c.	P. H.	35 1 23	Deputy Supdt. of Revenue Survey.	2nd Grade	650	April 7, 1867
26	Mr. Frederick William Kelly	H. S.	40 7 20	Revenue Surveyor.	Ditto ...	400*	July 1, 1869
27	„ Patrick Augustus George Cowley ...	L. S.	32 3 0	Ditto ...	3rd Grade	350	Oct. 1, 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.
Feb. 10, 1837	Y. M. D. 3 1 19	Y. M. D. 36 1 27	2nd Divn., Central Provinces.	Leave 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 19th January 1843. Ditto, medical certificate, to Europe from 20th January 1843 to 9th June 1844. Ditto from 13th to 16th November 1840. *Ditto, medical certificate, to Europe from 21st May 1867 to 20th May 1869. Periods of Deduction from Service. 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 1860, vide Appendix B to Civil Pension Code ... 0 2 2 0 11 22
Oct. 8, 1844	6 4 2	29 5 24	2nd Division, Bhawalpore ...	Officiating Deputy Superintendent, 3rd grade, and drawing Rs. 700 from 21st January 1873.
Sept. 21, 1846	5 4 25	26 7 9	4th Division. N. W. 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. Note.—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. On subsidiary leave from 13th March 1874. Preparatory to furlough p. a., to Europe.
Oct. 3, 1846	7 0 21	...	.....	Sick leave from 21st November 1870 to 20th April 1871.
Dec. 1, 1846	2 3 0	26 11 0	Delhi and Hissar Division ...	Ditto.
Jan. 1, 1847	3 3 0	27 3 0	Ditto.	N. W. Frontier Division.
Feb. 18, 1847	6 9 0	27 1 11	N. W. Frontier Division.	3rd Division, Lower Provinces
Sept. 1, 1847	2 3 0	26 7 0	3rd Division, Lower Provinces	Ditto.
Oct. 13, 1847	3 8 27	26 5 19	3rd Division, N. W. Provinces	1st Division, Lower Provinces
Dec. 1, 1848	3 6 19	25 4 0	Ditto.	Private affairs leave from 1st May to 31st Aug. 1862. Europe, leave on private affairs from 20th July 1872 to 18th January 1873.
Dec. 1, 1851	3 3 0	21 6 0	1st Division, Lower Provinces	* Permitted to retain appointment until 11th Dec. 1875.—Vide A. R. C. Department Notification No. 838, dated 19th December 1873. Europe, private affairs, for one year, from 6th July 1873.
Jan. 13, 1852	7 0 21	...	Calcutta ...	On sick leave from 21st July 1873.
Sep. 10, 1852	8 0 0	...	.....	Ditto.
Sep. 10, 1852	6 0 0	...	2nd Division, N. W. Provinces	N. W. Frontier Division ...
Oct. 28, 1852	3 0 0	20 8 24	N. W. Frontier Division ...	Ditto.
May 27, 1853	8 0 0	...	Ditto.	2nd Division, N. W. Provinces
Nov. 1, 1853	3 9 0	20 5 0	2nd Division, N. W. Provinces	1st Division, N. W. Provinces
Oct. 1, 1855	5 0 0	18 6 0	1st Division, N. W. Provinces	1st Division, Central Provinces
Nov. 1, 1855	1 5 0	17 2 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	5 0 0	17 9 18	1st Division, Lower Provinces.	On furlough, p. a., for 2 years from 1st December 1873.
July 8, 1856	7 8 24	...	.....	1st Division, Central Provinces
July 11, 1856	2 0 0	17 8 21	1st Division, Central Provinces	4th Division, N. W. Provinces.
Sept. 20, 1856	5 0 0	17 6 11	4th Division, N. W. Provinces.	1st Division, Bhawalpore ...
Sept. 20, 1856	3 3 0	16 1 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. Officiating Deputy Superintendent, 1st grade, and drawing Rs. 800 staff pay from 1st December 1873. * Exclusive of personal allowance of Rs. 100. † Commencement of second service.
April 7, 1858	6 11 24	...	1st Division, Central Provinces	Supdt. of Revenue Surveys' Office, Calcutta.
Aug. 17, 1858†	4 9 0	15 7 15	Supdt. of Revenue Surveys' Office, Calcutta.	3rd Division, N. W. Provinces
Sept. 1, 1859	0 6 0	14 7 0	3rd Division, N. W. Provinces	

1	2	3	4			5	6	7	8	9	10			11	12	13		
			Age.								Date of first appointment to the Department.	Period of service in present grade.					Present Post.	REMARKS.
General Seniority No.	NAMES.	Passed in the Vernacular.	Y.	M.	D.	Rank.	Grade.	Salary.	Date of appointment to present grade.	Y.		M.	D.	Y.	M.	D.		
28	Mr. George Rae ...	...	32	3	24	Revenue Surveyor	4th Grade	300	April 1, 1872	Sept. 1, 1859	2	0	0	14	7	0	1st Division, Central Provinces.	
29	„ Thomas Wilfred Reilly ...	...	31	9	22	Ditto ...	Ditto ...	300	Nov. 1, 1872	Oct. 18, 1859	1	5	0	14	4	2	2nd or Ahmednuggur Division, Bombay.	Absent without leave from 20th January to 28th February 1861.
30	Major James Sconce, s. c. ...	P. H.	38	0	14	Deputy Supdt. of Revenue Survey.	2nd Grade	650	Nov. 6, 1868	Oct. 21, 1859	5	4	0	...	...	...	3rd Division Lower Provinces..	Returned from Europe 30th October 1873.
31	Mr. Edwin Little ...	...	28	6	4	Assistant Revenue Surveyor.	1st Grade	250	Nov. 5, 1871	Jan. 1, 1860	2	4	26	14	3	0	4th Division, N. W. Provinces.	
32	„ Samuel Mack Smylie ...	...	32	4	20	Revenue Surveyor	4th Grade	300	April 1, 1872	July 24, 1860	2	0	0	13	8	8	2nd or Ahmednuggur Division, Bombay.	
33	„ William Samuel Buttress ...	...	30	1	27	Ditto ...	Ditto ...	300	Oct. 1, 1872	Sept. 1, 1860	1	6	0	13	7	0	N. W. Frontier Division.	
34	„ James Stewart Pemberton ...	L. S.	30	9	8	Ditto ...	Ditto ...	300	April 1, 1872	Oct. 6, 1860	2	0	0	13	5	21	Delhi and Hissar Division ...	Overstayed privilege leave by five days in June 1869.
35	„ Henry Ross Littlewood ...	...	30	5	10	Ditto ...	Ditto ...	300	April 1, 1872	Oct. 6, 1860	2	0	0	13	5	26	2nd Division, Central Provinces.	
36	Captain William Jackson Stewart, s. c. ...	P. H.	36	3	25	Assistant Supdt. of Revenue Survey.	1st Grade	375	April 20, 1871	Oct. 8, 1860	2	11	11	...	...	...	2nd Division, N. W. Provinces.	
37	Major Donald Macdonald, s. c. ...	P. H.	38	4	6	Deputy Supdt. of Revenue Survey.	3rd Grade Personal allowance	500	April 1, 1868	Dec. 19, 1860	8	0	0	...	...	...	1st Division, Lower Provinces...	Officiating Deputy Superintendent, 2nd grade, and drawing Rs. 650 staff pay from 15th January 1874.
38	Mr. William Alexander Wilson ...	L. S.	30	10	27	Revenue Surveyor	4th Grade	300	April 1, 1872	Jan. 1, 1861	2	0	0	13	3	0	2nd Division, Bhawalpore.	
39	„ Andrew John Gibson ...	...	32	0	15	Ditto ...	Ditto ...	300	Oct. 1, 1873	May 1, 1861	0	6	0	12	10	27	1st Division, Bhawalpore ...	Absent without leave three days in January 1866.
40	Captain Fitzherbert Coddington, s. c. ...	P. H.	35	10	23	Deputy Supdt. of Revenue Survey.	3rd Grade	500	July 26, 1867	Jan. 17, 1862	6	8	6	...	...	...	1st or Nassik Divn., Bombay...	Officiating in the 2nd grade, and drawing Rs. 650 from 23rd April 1872.
41	Captain John Henry Willoughby Osborne, late 44th N. I. ...	P. H.	33	8	24	Ditto ...	Ditto ...	500	April 1, 1870	Jan. 28, 1862	4	0	0	...	...	...	.....	Europe, m. c., for one year, from 27th March 1873.
42	Mr. John Allan Swyny ...	L. S.	29	4	0	Assistant Revenue Surveyor.	1st Grade	250	April 1, 1871	Feb. 13, 1862	3	0	0	12	1	16	2nd Division, Lower Provinces.	
43	Captain William Barron, s. c. ...	P. H.	36	3	0	Deputy Supdt. of Revenue Survey.	3rd Grade	500	April 1, 1870	June 27, 1862	4	0	0	...	...	...	1st Division, N. W. Provinces.	
44	Captain Henry Charles Baskerville Tanner, s. c. ...	P. H.	38	9	0	Ditto ...	Ditto ...	500	April 1, 1870	Oct. 10, 1862	4	0	0	...	...	...	2nd or Ahmednuggur Division, Bombay.	
45	Mr. Henry Dowman ...	...	27	10	5	Assistant Revenue Surveyor.	1st Grade	250	Oct. 16, 1871	Oct. 16, 1862	2	5	16	11	5	7	4th Division, N. W. Provinces.	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.
46	„ Henry Townsend Hanby ...	...	27	5	27	Ditto ...	Ditto ...	250	Nov. 13, 1871	Nov. 13, 1862	2	4	18	11	4	18	1st Division, N. W. Provinces.	
47	„ Edward Clifford Barrett ...	H. S.	31	0	1	Assistant Supdt. of Revenue Survey.	2nd Grade	350	Dec. 30, 1868	Nov. 18, 1862	5	3	2	11	3	13	4th Division, N. W. Provinces	Sick leave for one month from 20th June 1869.
48	„ Alexander Macdonald Lawson ...	L. S.	35	3	14	Revenue Surveyor	4th Grade	300	May 1, 1873	Nov. 18, 1862	0	11	0	11	4	13	1st or Nassik Divn., Bombay.	
49	„ Lawrence Graham Hill ...	...	43	7	15	Assistant Revenue Surveyor.	1st Grade	250	Jan. 1, 1871	Nov. 18, 1862	3	3	0	10	6	24	1st Division, Bhawalpore ...	Sick leave from 10th February to 30th April 1871. On sick leave from 1st September 1873.
50	Captain David Clapham Andrew, s. c. ...	P. H.	33	0	28	Assistant Supdt. of Revenue Survey.	Ditto ...	375	Dec. 30, 1868	Dec. 30, 1862	7	3	2	...	...	...	1st Division, Bhawalpore ...	Officiating as Deputy Superintendent, 3rd grade, and drawing Rs. 500 from 10th August 1870.
51	„ William Henry Wilkins, s. c. ...	P. H.	32	6	10	Ditto ...	Ditto ...	375	April 27, 1867	April 27, 1863	6	11	4	...	...	...	Delhi and Hissar Division ...	Officiating as Deputy Superintendent, 3rd grade, and drawing Rs. 500 from 28th March 1872.
52	Mr. George Batley Scott ...	...	29	8	15	Assistant Revenue Surveyor.	Ditto ...	250	Dec. 15, 1871	May 1, 1863	2	3	17	10	11	0	1st Division, Lower Provinces.	
53	„ John Thomas Uniacke Coxen ...	...	33	7	7	Ditto ...	2nd Grade	200	Jan. 1, 1874	May 16, 1863	0	3	0	10	9	22	3rd Division, Lower Provinces.	Sick leave from 8th to 31st October 1873.
54	„ Thomas Dearman Moran ...	...	27	5	15	Ditto ...	Ditto ...	200	Aug. 3, 1868	Aug. 3, 1863	4	7	29	10	7	29	.....	Temporarily transferred to Cooch Behar Khasrah Survey from 1st June 1871.
55	„ John Nathaniel Stoelké ...	...	29	3	0	Ditto ...	1st Grade	250	Aug. 3, 1870	Aug. 3, 1863	1	7	29	10	6	6	2nd Division, Central Provinces.	Private affairs leave from 8th September to 30th October 1870.
56	„ James Hoppner O'Donel ...	...	28	9	0	Ditto ...	Ditto ...	250	Oct. 1, 1872	Oct. 1, 1863	1	6	0	10	6	0	3rd Division, N. W. Provinces.	
57	„ John Newland ...	...	36	8	11	Ditto ...	2nd Grade	200	June 29, 1871	Oct. 22, 1863	2	9	2	10	5	10	1st or Nassik Division, Bombay.	
58	„ Phillip Ford ...	...	28	4	9	Ditto ...	1st Grade	250	June 4, 1870	Dec. 15, 1863	0	9	27	10	3	12	Delhi and Hissar Division ...	Absent without leave one day, and on sick leave for four days in October 1865.
59	Captain Edward Walker Samuells, s. c. ...	P. H.	31	9	9	Assistant Supdt. of Revenue Survey.	Ditto ...	375	Jan. 25, 1868	Dec. 17, 1863	6	2	7	...	...	...	2nd Division, Lower Provinces.	
60	Mr. James Todd ...	...	39	11	4	Revenue Surveyor..	3rd Grade	350	Jan. 1, 1870	Dec. 27, 1863	2	3	0	10	3	5	Ditto.	
61	„ George Campbell ...	...	24	9	4	Probationary Asst. Revenue Surveyor	4th Grade	120	Mar. 1, 1871	Jan. 1, 1864	3	1	0	10	3	0	4th Division, N. W. Provinces.	
62	„ Robert Boddington Smart ...	...	26	9	17	Assistant Revenue Surveyor.	2nd Grade	200	Jan. 1, 1871	Jan. 1, 1864	3	3	0	10	3	0	N. W. Frontier Division.	
63	„ Daniel Arthur King ...	...	27	5	11	Ditto ...	1st grade	250	Jan. 1, 1870	April 12, 1864	0	3	0	9	11	19	4th Division, N. W. Provinces.	

1 General Serial 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 Depart- ment.	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.
64	Mr. Edwin James Jackson ...	L. S.	30	3	15	Assistant Supdt. of Revenue Survey.	2nd grade	350	Nov. 5, 1868	Sept. 26, 1864	5	4	26	7	10	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.
65	Capt. John Edward Sandeman, s. c. ...	P. H.	30	6	29	Ditto ...	1st Grade	375	Oct. 6, 1868	Oct. 6, 1864	5	5	26	...	...	1st Division, Lower Provinces.		
66	Mr. Charles Walter Franklin Seyers ...	...	30	8	0	Asst. Revenue Sur- veyor.	3rd Grade	160	Oct. 1, 1871	Dec. 1, 1864	2	6	0	9	4	0	1st Division, Central Provinces.	
67	„ Edward Wrafter Lincoln ...	...	25	9	13	Ditto ...	2nd Grade	200	Feb. 15, 1871	Feb. 15, 1865	3	1	14	9	1	8	1st Division, Lower Provinces	Overstayed privilege leave by six days in Decem- ber 1871.
68	„ James Connor ...	...	26	7	9	Ditto ...	Ditto ...	200	Feb. 15, 1871	Feb. 15, 1865	3	1	14	9	1	14	Supdt. of Revenue Surveys' Office, Calcutta.	
69	„ Thomas Henry Dunne ...	...	26	3	20	Ditto ...	Ditto ...	200	Feb. 15, 1871	Feb. 15, 1865	3	1	14	9	1	3	Ditto ...	Absent without leave one day, and on sick leave for ten days in October 1865.
70	„ William James Lane ...	...	26	10	20	Ditto ...	Ditto ...	200	April 24, 1871	Mar. 1, 1865	2	11	7	8	8	21	2nd Division, Central Provinces	Sick leave from 19th May to 8th July 1865. Ditto ditto 7th August to 23rd October 1866.
71	Mr. George Bartlett Youngs ...	...	26	3	7	Ditto ...	3rd Grade	160	Nov. 1, 1869	Jan. 1, 1866	4	5	0	8	2	14	1st Division, Central Provinces	Overstayed privilege leave by four days in October 1869. Absent without leave two days in July 1872.
72	„ Thomas Patterson ...	...	25	9	13	Ditto ...	2nd Grade	200	Jan. 1, 1872	Mar. 6, 1866	2	3	0	7	0	26	1st Divn., North-Western Pro- vinces.	Private affairs leave to Europe without pay for one year, from 15th July 1870.
73	Capt. Henry Lees Smith, S. C. ...	P. H.	35	1	3	Assistant Supdt. of Revenue Survey.	1st Grade	375	June 18, 1870	Mar. 26, 1866	3	9	14	...	...	1st Division, North-Western Provinces.		
74	Mr. Richard Cunningham Dundas Ewing ...	L. S.	25	10	5	Assistant Revenue Surveyor.	2nd Grade	200	Sept. 9, 1872	June 9, 1866	1	6	22	7	9	22	2nd Division, Lower Provinces.	
75	„ William James Smith ...	...	25	9	4	Ditto ...	3rd Grade	160	April 1, 1871	Sept. 1, 1866	3	0	0	7	7	0	N. W. Frontier Division.	
76	„ George Wilson Jarbo ...	...	26	7	0	Ditto ...	2nd Grade	200	Nov. 1, 1873	Nov. 1, 1866	1	5	0	7	4	15	2nd Division, North-Western Provinces.	Sick leave for 15 days, from 26th May to 9th June 1869.
77	„ Gordon Henry Cooke ...	L. S.	29	4	16	Assistant Supdt. of Revenue Survey.	Ditto ...	350	May 10, 1871	Dec. 6, 1866	2	10	22	7	3	26	2nd Division, Central Provinces.	
78	Capt. Samuel Hunter Cowan, S. C. ...	P. H.	32	7	1	Ditto ...	Ditto ...	250	Mar. 17, 1868	Jan. 19, 1867	6	0	15	...	...	On special duty Duffa Frontier	Offg. as Assistant Superintendent, 1st grade, and draw- ing Rs. 375 staff pay from 8th May 1872.	
79	Mr. James Reid Scott ...	L. S.	25	1	12	Assistant Revenue Surveyor.	2nd Grade	200	May 1, 1870	Jan. 19, 1867	0	11	0	7	2	13	2nd Division, North-Western Provinces.	
80	„ Charles Walker Wilson ...	...	28	5	7	Ditto ...	3rd Grade	160	Oct. 1, 1870	June 21, 1867*	3	6	0	6	4	10	2nd Division, Bhawalpoor ...	* Commencement of second service. Sick leave for three months, from 1st March 1869, Ditto for two months, from 1st August 1869.
81	„ John McHatton ...	L. S.	23	8	20	Ditto ...	2nd Grade	200	July 1, 1870	July 1, 1867	0	9	0	6	9	0	2nd Division, Central Provinces.	
82	Capt. Henry Stephen Hutchinson, S. C. ...	P. H.	34	0	5	Assistant Supdt. of Revenue Survey.	Ditto ...	250	Aug. 13, 1868	Aug. 13, 1867	5	7	19	...	...	2nd or Ahmednuggur Division, Bombay.	Offg. as Assistant Superintendent, 1st grade, and draw- ing Rs. 375 staff pay from 27th March 1873.	
83	Mr. Edmund James Martin ...	...	23	2	0	Proby. Asst. Rev. Surveyor.	4th Grade	120	Aug. 1, 1870	Sept. 16, 1867	3	8	0	6	6	15	3rd Division, North-Western Provinces.	
84	„ Septimus Oswald Madras ...	...	23	8	1	Assistant Revenue Surveyor.	3rd Grade	160	July 6, 1871	July 6, 1868	2	8	26	5	8	26	2nd Division, Bhawalpoor.	
85	Capt. Reginald Beavan, S. C. ...	P. H.	29	6	26	Assistant Supdt. of Revenue Survey.	2nd Grade	250	Nov. 9, 1868	July 17, 1868	4	4	22	...	...	1st Division, Central Provinces.		
86	Mr. Thomas Frederick Freeman ...	L. S.	23	1	12	Assistant Revenue Surveyor.	3rd Grade	160	Sept. 9, 1871	Sept. 9, 1868	2	6	22	5	6	22	2nd Division, Lower Provinces.	
87	„ James O'Toole ...	...	23	2	7	Ditto ...	Ditto ...	160	Mar. 10, 1872	Sept. 10, 1868	2	0	22	5	6	21	1st Division, Lower Provinces.	
88	„ George Carleton Swiney ...	...	24	9	19	Ditto ...	Ditto ...	160	Sept. 17, 1871	Sept. 17, 1868	2	6	14	5	6	14	3rd Division, Lower Provinces.	
89	„ Alfred Collimore Wilson Lemarchand ...	...	23	5	0	Ditto ...	Ditto ...	160	Nov. 2, 1871	Nov. 2, 1868	2	4	29	5	4	29	1st or Nassik Division, Bombay.	
90	„ John Murphy ...	...	21	9	4	Proby. Asst. Rev. Surveyor.	4th Grade	120	Nov. 1, 1871	Nov. 22, 1868	2	5	0	5	4	9	2nd Division, North-Western Provinces.	
91	„ William Dease Corbett ...	...	23	10	15	Ditto ...	Ditto ...	120	Aug. 1, 1870	Dec. 1, 1868	3	8	0	5	4	0	4th Division, North-Western Provinces.	
92	„ John Sidney Swiney ...	...	23	3	27	Assistant Revenue Surveyor.	3rd Grade	160	Jan. 5, 1871	Jan. 5, 1869	2	2	27	5	2	27	3rd Division, North-Western Provinces.	
93	Capt. Edward Harris Steel, S. C. ...	H. S.	32	11	11	Assistant Supdt. of Revenue Survey.	2nd Grade	250	May 20, 1869	Jan. 26, 1869†	4	10	12	...	...	N. W. Frontier Division ...	† Commencement of second service.	
94	Mr. George Latter Rodway Scott ...	L. S.	22	11	0	Assistant Revenue Surveyor.	3rd Grade	160	Mar. 1, 1872	Mar. 1, 1869	2	1	0	5	1	0	3rd Division, North-Western Provinces.	
95	„ William Joseph Lincoln ...	...	22	7	7	Ditto ...	Ditto ...	160	April 1, 1872	April 1, 1869	2	0	0	5	0	0	1st Division, North-Western Provinces.	
96	„ Benjamin Anderson ...	...	22	11	0	Ditto ...	Ditto ...	160	June 29, 1872	April 20, 1869	1	9	2	4	11	11	Delhi and Hissar Division.	
97	„ Thomas Shaw ...	L. S.	21	5	0	Ditto ...	Ditto ...	160	May 1, 1872	April 21, 1869	0	11	0	4	11	10	4th Division, North-Western Provinces.	
98	„ Henry Eardly Gastrell ...	L. S.	25	1	23	Assistant Supdt. of Revenue Survey.	2nd Grade	350	April 26, 1872	April 26, 1869	3	11	5	4	11	5	3rd Division, Lower Provinces.	
99	„ William Henry Penrose ...	...	22	6	9	Asst. Rev. Surveyor	3rd Grade	160	June 4, 1869	Aug. 11, 1869	0	9	27	4	7	21	2nd or Ahmednuggur Division, Bombay.	
100	„ Arthur David Smart ...	...	43	6	2	Revenue Surveyor	Ditto ...	350	Oct. 1, 1872	Oct. 1, 1870*	3	6	0	3	6	0	3rd Division, Lower Provinces	* Commencement of second service.

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.	
101	Mr. George Edwin Parker	...	24 2 3	Proby. Asst. Rev. Surveyor.	4th Grade	120	Nov. 18, 1870
102	Captain Llewelyn Wavell, s. c.	P. H.	32 4 16	Assistant Supdt. of Revenue Survey.	2nd Grade	250	Jan. 27, 1872
103	Lieut. Gerald Ward Martin, 89th Foot...	H. S.	26 10 17	Asst. Supdt. of Rev. Survey.	Ditto ...	250	Jan. 17, 1873
104	Mr. Percy Sheels Ross	...	19 3 0	Proby. Asst. Rev. Surveyor.	4th Grade	120	Nov. 1, 1873
105	„ Percival Edwin Heberlet	...	19 8 16	Ditto	Ditto ...	120	Sept. 12, 1873
106	„ Charles Wyatt Joseph Ford	...	21 0 21	Ditto	Ditto ...	120	Nov. 1, 1871
107	„ Arthur William Smart	...	23 1 16	Ditto	Ditto ...	120	Jan. 1, 1872
108	Lieut. Alexander James Corse Scott, s. c.	H. S.	25 7 23	Asst. Supdt. of Rev. Survey.	2nd Grade	250	Jan. 17, 1873
109	Mr. Bruce Macdonald Wilson	...	25 11 17	Proby. Asst. Rev. Surveyor.	4th Grade	120	Nov. 15, 1873
110	„ Henry George Young	H. S.	22 11 19	Ditto	Ditto ...	120	Sept. 1, 1872
111	„ Richard Randall Dickinson	...	22 8 6	Ditto	Ditto ...	120	April 16, 1873
112	„ George Hugh O'Donel	...	26 8 3	Ditto	Ditto ...	120	July 23, 1872
113	„ Elliot Playfair Smyth Hill	...	19 9 17	Ditto	Ditto ...	120	Nov. 16, 1873
114	„ Edmund Hume Stephen Gasper	...	20 4 16	Ditto	Ditto ...	120	Nov. 16, 1873
115	„ Henry Charles Bradley	...	22 4 10	Ditto	Ditto ...	120	April 1, 1873
116	„ Thomas Anderson	...	20 9 6	Ditto	Ditto ...	120	April 17, 1873
117	„ Edward Bolderodi Montebello Drew	...	19 11 10	Ditto	Ditto ...	120	May 5, 1873
118	„ Paul Agabeg Peters	...	19 3 23	Ditto	Ditto ...	120	Nov. 1, 1873
119	„ Henry Reed Adels	...	24 0 25	Ditto	Ditto ...	120	Feb. 19, 1874

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.		
Nov. 18, 1870	3 4 13	3 4 13	3rd Division, Lower Provinces.	
Jan. 27, 1871	2 2 5	...	Delhi and Hissar Division.	
Mar. 24, 1871	1 2 15	...	1st or Nassik Division, Bombay.	
April 23, 1871	1 5 0	2 11 8	1st Division, Bhawalpore.	
Aug. 9, 1871	1 6 19	2 7 23	1st Division, Bhawalpore.	
Nov. 1, 1871	2 5 0	2 5 0	1st Division, N. W. Provinces.	
Dec. 1, 1871	2 3 0	2 4 0	3rd Division, N. W. Provinces.	
Jan. 17, 1872	1 2 15	...	1st Division, Bhawalpore.	
Feb. 1, 1872	1 4 16	2 2 0	3rd Division, Lower Provinces.	
Feb. 16, 1872	1 7 0	2 1 14	2nd Division, N. W. Provinces.	
April 1, 1872	0 11 15	2 0 0	1st or Nassik Divn. (Bombay).	
July 23, 1872*	1 8 9	1 8 9	1st Division, N. W. Provinces.	* Commencement of second service.
Nov. 16, 1872	1 4 15	1 4 15	1st Division, N. W. Provinces.	
Nov. 16, 1872	1 4 15	1 4 15	3rd Division, Lower Provinces.	
April 1, 1873	1 0 0	1 0 0	N. W. Frontier.	
April 17, 1873	0 11 14	0 11 14	2nd Division, Central Provinces.	
May 5, 1873	0 10 27	0 10 27	2nd Division, N. W. Provinces.	
Nov. 1, 1873	0 5 0	0 5 0	N. W. Frontier.	
Feb. 19, 1874	0 1 10	0 1 10	Supdt. of Revenue Surveys' Office, Calcutta.	

DISPOSITION LIST
OF
OFFICERS OF THE REVENUE SURVEY DEPARTMENT
ON THE
1st April 1874.

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE DEPARTMENT OF ALL GRADES.								Average number of square miles surveyed during the last three years, and other work done by Party.	Work of last twelve months in square miles.
		Surveyors.	Asst. Surveyors.	Sub-Surveyors, &c.	Levelers.	Chainmen, or measurers.	Native Doctor.	Barkundazes.			
1st Division, Lower Provinces.	Districts Durrung and Goalparah, Assam.	2	3	23	...	239	1	8	1315.34 Sq. miles	... <i>District Goalparah.</i> Sq. miles. Topl. on 2" scale ... 1,329 District Durrung Mouzahwar ... 200	
2nd Ditto ...	District Luckimpoor	...	2	3	...	142	1	6	935	... Sq. miles. Topl. on 1" scale ... 1,170	
3rd Ditto ...	District Midnapoor	2	5	35	...	300	1	16	885 Sq. miles, including detail survey on the 16-inch scale along the Hooghly River from Hooghly Station to Botanical Gardens, and triangulation of Hooghly River with overlap survey of 1/2 mile inland in District 24-Pergunnahs.	Mouzahwar ... 994	
1st Division, Central Provinces.	Districts Baitool and Chanda	3	2	34	...	200	1	16	1,019 Sq. miles, also 22.25 sq. miles of Panchmaree Cantonment, and 7.03 sq. miles of Bidnoor, Baitool and Mooltye, all on 12" scale.	Mouzahwar ... 784 Topographical ... 787 on 2" scale.	
2nd Ditto ...	District Bilaspore	1	4	26	...	214	1	12	877 Sq. miles on 4" scale. 1,064 " " on 2" "	Mouzahwar ... 1,227	
1st or Nassik Division.	Nassik and Ahmednuggur Collectorate.	1	3	17	...	80	1	11	Sq. miles 318 on 2" } average of 322 on 8" } 2 seasons. 376 on 4" 1 season only	2"=1 mile topographical Sq. miles. Detail survey ... 872 Skeleton Boundary ... 988 Triangulation ... 1,600	
2nd or Ahmednuggur Division.	Poona	2	1	16	...	160	...	10	Survey organized during the past season, 1872-73.	2"=1 mile topl. survey ... 1,400 Triangulation ... 1,200 in advance.	
1st Division, N. W. Provinces.	District Moradabad	1	6	27	1	158	1	14	Average of 2 Seasons. 16" Cadastral survey ... 507 Sq. miles ... Leveling. 793 Linear miles ...	16"=1 mile cadastral survey. ... 600 Boundary ... 500 Fields in detail ... 480 Leveling, L. miles ...	
2nd Ditto ...	Districts Muttra and Banda	1	4	26	1	211	...	17	Average of 2 Seasons. 16" Cadastral survey ... 538 Sq. miles ... Leveling. 488 Linear miles ...	16" Cadastral survey Sq. miles ... Fields in detail ... Boundary ... Leveling, L. miles ...	

Annual cost of Party.	Officers in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs. 65,213	Major D. Maedonald, s. c.	37	Deputy Supdt. of Revenue Survey, 3rd grade, Offg. in 2nd grade.	Feb. 19, 1874	Half of this division, including some of the best sub-surveyors, are employed in Lakhiraj survey in Durrung.
	Captain J. E. Sandeman, s. c.	65	Asst. Supdt. of Revenue Survey, 1st grade.	Jan. 8, 1874.	
	" S. H. Cowan,	78	Ditto ditto ditto	Dec. 4, 1873	On detached duty. Duffa Frontier.
72,180	Captain E. W. Samuells, s. c.	59	Ditto ditto ditto	Feb. 14, 1873.	
	E. J. Jackson, Esq.	64	Ditto ditto, 2nd grade	Dec. 1, 1872.	
61,444	Major J. Sconce, s. c.	30	Deputy Supdt. of Revenue Survey, 2nd grade.	Dec. 6, 1873.	
	H. E. Gastrell, Esq.	98	Asst. Supdt. of Revenue Survey, 2nd grade.	Nov. 1, 1871.	
67,598	Lieut. Col. R. E. Oakes, s. c.	25	Deputy Supdt. of Revenue Survey, 2nd grade, Offg. in the 1st grade.	Nov. 1, 1872.	
	Captain R. Beavan, s. c.	85	Asst. Supdt. of Revenue Survey, 2nd grade.	Nov. 29, 1872.	
50,063	W. Lane, Esq.	1	Deputy Supdt. of Revenue Survey, 2nd grade.	Nov. 16, 1872.	
	G. H. Cooke, Esq.	77	Asst. Supdt. of Revenue Survey, 2nd grade.	Dec. 1, 1873	
53,884	Captain F. Coddington, s. c.	40	Deputy Supdt. of Revenue Survey, 3rd grade, Offg. in the 2nd grade.	Nov. 1, 1871.	
	Lieut. G. W. Martin, 88th Foot	103	Asst. Supdt. of Revenue Survey, 2nd grade.	Feb. 1, 1873.	
55,801	Captain H. C. B. Tanncr, s. c.	44	Deputy Supdt. of Revenue Survey, 3rd grade.	Aug. 29, 1872.	
	Captain H. S. Hutchinson, s. c.	82	Asst. Supdt. of Revenue Survey, 2nd grade, Offg. in the 1st grade.	Oct. 1, 1872.	
Prof. 65,615 Leveling 3,563	Major A. D. Vaurenen, s. c., on furlough	This party has been employed in the cadastral survey of Moradabad District and Pergunnah Kashipoor of Kumaon.
	Captain W. Barron, s. c.	43	Deputy Supdt. of Revenue Survey, 3rd grade	Nov. 12, 1873	
	Captain H. L. Smith, s. c.	73	Asst. Supdt. of Revenue Survey, 1st grade.	July 20, 1873.	
Prof. 67,865 Leveling 2,596	Lieut. Col. F. C. Anderson, s. c.	14	Deputy Supdt. of Revenue Survey, 1st grade.	Nov. 1, 1871.	
	Captain W. J. Stewart, s. c.	36	Asst. Supdt. of Revenue Survey, 1st grade.	Nov. 24, 1871.	

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE DEPARTMENT OF ALL GRADES.							Average number of square miles surveyed during the last three years, and other work done by Party.	Work of last twelve months in square miles.
		Surveyors.	Asst. Surveyors.	Sub-Surveyors, &c.	Levelers.	Chainmen or measurers.	Native Doctor.	Barkundazes.		
3rd Division, N. W. Provinces.	District Agra ...	1	4	27	1	238	1	14	Survey organized during the past season.	Sq. miles. 16" Cadastral survey. Boundary ... 270 Fields in detail ... 436 Leveling L. miles ... 480
4th Ditto ...	District Humeerpoor ...	1	5	22	1	179	1	16	Ditto ditto ...	16" Cadastral survey. Boundary ... 827 Fields in detail ... 368 Leveling L. miles ... 234
Delhi and Hissar Division.	Districts Kurnal and Delhi ...	3	2	38	...	220	1	22	1,015 Sq. miles ...	Boundary ... 1,600 Interior ... 1,130
N. W. Frontier.	Districts Derah Ghazi Khan and Derah Ismail Khan.	2	4	21	3	180	1	12	1,720 Sq. miles, also 20 sq. miles of City, &c., of Derah Ghazi Khan on 12" scale.	Boundary ... 1,088 Interior ... 1,274 Leveling L. miles ... 641
1st Division, B h a w u l p o o r.	Bhawulpoor State ...	2	3	20	...	213	1	14	685 Sq. miles on 4" scale 782 " on 2" "	Mouzahwar ... 594 Boundary work in advance ... 796 Topographical on 2" scale ... 260600
2nd Ditto ...	Ditto ...	1	2	14	...	96	1	9	Sq. miles. Mouzahwar 720 } average of 2 seasons. Topl. 3,046, 1 season only. Also 27 of Mooltan City, &c., on 12" scale.	Topographical on 2" scale ... 1,730 Mouzahwar ... 130 In advance for 1874-75 ... 1,350

Annual cost of Party.	Officers in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Rs. Prof. 53,659 Leveling 3,241	E. T. S. Johnson, Esq. ... H. B. Talbot, Esq. ...	9 10	Deputy Supdt. of Revenue Survey, 3rd grade. Asst. Supdt. of Revenue Survey, 1st grade.	Oct. 1, 1872. Jan. 1, 1873.	
Prof. 58,377 Leveling 2,574	R. B. Smart, Esq. ... E. C. Barrett, Esq. ...	3 47	Deputy Supdt. of Revenue Survey, 2nd grade. Asst. Supdt. of Revenue Survey, 2nd grade.	Sep. 19, 1872. Oct. 1, 1872.	
63,007	Captain W. H. Wilkins, s. c. ... Captain L. Wavell, s. c. ...	51 102	Asst. Supdt. of Revenue Survey, 1st grade, Offg. as Depy. Supdt., 3rd grade. Asst. Supdt. of Revenue Survey, 2nd grade.	Oct. 21, 1871. Nov. 1, 1872.	
Prof. 71,929 Leveling 4,005	Col. H. C. Johnston c. n., s. c. ... Captain E. H. Steel, s. c. ...	16 93	Deputy Supdt. of Revenue Survey, 1st grade. Asst. Supdt. of Revenue Survey, 2nd grade.	Oct. 15, 1873. Nov. 15, 1871.	
57,684	Captain D. C. Andrew, s. c. ... Lieutenant A. J. C. Scott, s. c. ...	50 108	Asst. Supdt. of Revenue Survey, 1st grade, Offg. as Depy. Supdt., 3rd grade. Asst. Supdt. of Revenue Survey, 2nd grade.	Oct. 26, 1872. Oct. 1, 1872.	
32,664	James Campbell, Esq. ...	2	Asst. Supdt. of Revenue Survey, 1st grade, Offg. as Depy. Supdt. of Revenue Survey 3rd grade.	Oct. 1, 1872.	

ALPHABETICAL LIST
OF
OFFICERS OF THE GREAT TRIGONOMETRICAL SURVEY.

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CLASSIFIED LIST
OF
OFFICERS OF THE GREAT TRIGONOMETRICAL SURVEY OF INDIA
ON THE
1st April 1874.

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.	Net Military Pay of Royal Engineer Officers.	Consolidated Salary.	TOTAL.	
						Rs. A. P.	Rs.	Rs. A. P.	
	SUPERINTENDENT.								
	Consolidated salary								
	Rs. 2,500								
1	Colonel J. T. Walker, Royal Engineers	Superintendent	.....	Dec. 1, 1853	Mar. 12, 1861	...	...	2,565 5 0	Draws Rs. 65-5 as a personal allowance.
	SENIOR BRANCH.								
	DEPUTY SUPERINTENDENTS.								
	1ST GRADE.								
	Consolidated salary								
	Rs. 1,600								
1	Lieut. Col. T. G. Montgomerie, Royal Engineers	Deputy Superintendent, 1st grade...	.....	Oct. 1, 1852	Apl. 1, 1874	...	...	...	On Furlough.
2	Mr. J. B. N. Hennessey	Ditto	Computing Office, Head-Quarters ...	Apl. 14, 1844	Ditto	...	...	1,300 0 0	
	2ND GRADE.								
	Consolidated salary								
	Rs. 1,300								
1	Captain H. R. Thuillier, Royal Engineers	Deputy Superintendent, 2nd grade	Kumaon and Gurhwal Survey	May 21, 1859	Apl. 1, 1874	...	...	1,333 10 0	Officiating Deputy Superintendent, 1st grade.
2	Major C. T. Haig, Royal Engineers	Ditto	Guzerat Survey	Sep. 22, 1859	Ditto	...	...	1,233 10 0	
3	Captain J. Herschel, Royal Engineers	Ditto	.....	Nov. 12, 1859	Ditto	...	...	...	On Furlough.
4	Major B. R. Branfill, Bengal Cavalry	Ditto	Madras Party	Oct. 4, 1858	Ditto	...	...	1,223 0 0	
	3RD GRADE.								
	Consolidated salary								
	Rs. 1,000								
1	Captain T. T. Carter, Royal Engineers	Deputy Superintendent, 3rd grade	Brahmaputra Party	Mar. 1, 1862	Apl. 1, 1874	...	...	1,183 10 0	Officiating Deputy Superintendent, 2nd grade.
2	Mr. Henry Keelan	Ditto	Head-Quarters	May 18, 1832	Ditto	...	...	1,000 0 0	Ditto ditto.
3	Captain W. M. Campbell, Royal Engineers	Ditto	No. 2 Astronomical Party	Jan. 30, 1863	Ditto	...	...	...	On Furlough.
4	Henry Trotter, Royal Engineers	Ditto	.....	Sep. 5, 1863	Ditto	...	...	...	Deputed to Yarkund.
5	Mr. W. C. Rossenrode	Ditto	Eastern Frontier Series	Dec. 13, 1838	Ditto	...	...	900 0 0	
6	Captain W. J. Heaviside, Royal Engineers	Ditto	Pendulum Party	Mar. 1, 1866	Ditto	...	...	1,033 10 0	Employed on Pendulum operations in England.
	ASSISTANT SUPERINTENDENTS.								
	1ST GRADE.								
	Consolidated salary								
	Rs. 750								
1	Captain A. Pullan (Staff Corps)	Asst. Superintendent, 1st grade	Kattywar Survey	Jan. 18, 1863	Apl. 1, 1874	...	...	974 1 0	Officiating Deputy Superintendent, 3rd grade.
2	Mr. M. W. Rogers, Royal Engineers	Ditto	Jodhpore Series	July 30, 1866	Ditto	...	...	...	On Furlough.
3	Lieutenant J. Hill, Royal Engineers	Ditto	Ditto.	Dec. 18, 1866	Ditto	...	...	865 12 0	Officiating Deputy Superintendent, 3rd grade.
4	Mr. W. H. Cole, M. A.	Ditto	Computing Office	Jan. 3, 1867	Ditto	...	...	800 0 0	Ditto ditto.
	2ND GRADE.								
	Consolidated Salary								
	Rs. 600								
1	Captain A. Baird, Royal Engineers	Asst. Superintendent, 2nd grade	Bombay Tidal and Leveling Party	Dec. 4, 1868	Apl. 1, 1874	...	...	865 12 0	Offg. Depy. Supdt., 3rd grade.
2	Mr. J. R. McCullagh, Royal Engineers	Ditto	Madras Party	Feb. 12, 1869	Ditto	...	...	...	On furlough.
3	Mr. J. McGill	Ditto	Kattywar Party	Oct. 1, 1851	Ditto	...	...	600 0 0	Offg. Asst. Supdt., 1st grade.
4	Mr. W. G. Beverley	Ditto	Assam Survey	July 1, 1854	Ditto	...	...	600 0 0	Ditto ditto.

Number of Officers in each grade.	NAMES.	Substantive Appointment.	Survey Party to which attached.	DATE OF APPOINTMENT.		SALARIES, INCLUDING ALLOWANCES.			REMARKS.
				First Appointment to the Survey Department.	To present grade.	Net Military Pay of Royal Engineer Officers.	Consolidated Salary.	TOTAL.	
						Rs. A. P.	Rs.	Rs. A. P.	
ASSISTANT SUPERINTENDENTS—contd.									
	3RD GRADE.								
	Consolidated Salary	Rs. 500							
	For Civil Officers	Rs. 400							
1	Lieutenant H. J. Harman, Royal Engineers	Asst. Superintendent, 3rd grade	No. 1 Extra Party	June 3, 1872	Apl. 1, 1874	...	...	740 12 0	Offg. Asst. Supdt., 1st grade.
2	Mr. E. C. Ryall	Ditto	Kumaon and Gurhwal Survey	Apl. 25, 1855	Ditto	...	...	600 0 0	Ditto ditto.
3	Lieutenant St. G. C. Gore, R. E.	Ditto	Ditto	Apl. 11, 1873	Ditto	70 0 0	600	670 0 0	Ditto 2nd grade.
4	" J. E. Gibbs, R. E.	Ditto	Guzerat Survey	Aug. 15, 1873	Ditto	70 0 0	600	670 0 0	Ditto ditto.
JUNIOR BRANCH.									
SURVEYORS.									
1ST GRADE—SALARY Rs. 500.									
1	Mr. Harry Duhan	Surveyor, 1st grade	Corresponding Office	Apl. 22, 1845	Apl. 1, 1866	...	...	500 0 0	Personal Assistant to Superintendent.
2	" H. Beverley	Ditto	Eastern Frontier Series	June 14, 1855	Apl. 1, 1871	...	...	500 0 0	
3	" J. Peyton	Ditto	Guzerat Survey	Feb. 3, 1860	Apl. 1, 1874	...	...	500 0 0	
4	Vacant.								
2ND GRADE—SALARY Rs. 400.									
1	Mr. C. J. Neuville	Surveyor, 2nd grade	Kumaon and Gurhwal Survey	Dec. 1, 1855	Oct. 1, 1871	...	...	400 0 3	
2	" L. H. Clarke	Ditto	Brahmaputra Party	Nov. 26, 1855	Dec. 1, 1872	...	...	400 0 0	
3	" A. D'Souza	Ditto	Guzerat Survey	Feb. 19, 1856	Dec. 1, 1872	...	...	400 0 0	
4 & 5	Vacant.								
3RD GRADE—SALARY Rs. 350.									
1	Mr. W. Todd	Surveyor, 3rd grade	Computing Office	Jan. 11, 1856	Sept. 1, 1869	...	...	350 0 0	
2	" J. Low	Ditto	Kumaon and Gurhwal Survey	Oct. 1, 1857	Apl. 1, 1871	...	...	350 0 0	
3	" C. Wood	Ditto	Computing Office	May 6, 1858	Ditto	...	...	350 0 0	
4	" H. E. T. Keelan	Ditto	Pendulum Party	Aug. 17, 1858	Apl. 1, 1872	...	...	350 0 0	Employed on Pendulum operations in England.
5	" F. Bell	Ditto	Kattywar Party	Aug. 17, 1858	June 1, 1873	...	...	350 0 0	
6	" R. Scott	Ditto	Store Depôt Head-Quarters	Oct. 25, 1844	Nov. 1, 1873	...	...	350 0 0	
7	" G. Atkinson	Ditto	Drawing Office	Aug. 1, 1859	Jan. 1, 1874	...	...	350 0 0	
4TH GRADE,—SALARY Rs. 300.									
1	Mr. F. Ryall	Surveyor, 4th grade	Kattywar Survey	Apl. 1, 1859	Apl. 1, 1872	...	...	300	On sick leave.
2	" J. Wood	Ditto	Ditto	Nov. 12, 1860	Ditto	...	...	300	
3	" G. Harris	Ditto	Assam Valley Survey	July 23, 1861	June 1, 1873	...	...	300	
4 & 5	Vacant.								
ASSISTANT SURVEYORS.									
1ST GRADE,—SALARY Rs. 250.									
1	Mr. J. W. Mitchell	Asst. Surveyor, 1st grade	Eastern Frontier Series	Sept. 1, 1861	Apl. 1, 1871	...	...	250	
2	" H. Peychers	Ditto	Computing Office	Apl. 8, 1862	Ditto	...	...	250	
3	" G. Belcham	Ditto	Madras Party	Nov. 1, 1862	Ditto	...	...	250	

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.	Net Military Pay of Royal Engineer Officers.		TOTAL.	
						Rs.	A. P.			Rs.	Rs.
ASSISTANT SURVEYORS—continued.									
1ST GRADE,—SALARY Rs. 250—continued.									
4	Mr. L. J. Pocock	Asst. Surveyor, 1st grade	Kumaon and Gurhwal Survey	July 10, 1863	Apl. 1, 1871	...	...	250	
5	" A. Christie	Ditto	Guzerat Survey	Aug. 7, 1863	Oct. 1, 1871	...	...	250	
6	" W. O'Sullivan	Ditto	Assam Survey	Oct. 1, 1863	Ditto	...	...	250	
7	" N. C. Gwynne	Ditto	Kattywar Survey	Oct. 19, 1863	Apl. 1, 1872	...	...	250	
8	" W. C. Price	Ditto	Jodhpore Series	Nov. 1, 1863	Oct. 1, 1872	...	...	250	
9	" C. H. McA Fee	Ditto	Kumaon and Gurhwal Survey	Sept. 6, 1864	May 1, 1873	...	...	250	
10	" T. H. Rendell	Ditto	Tidal and Leveling Party	Oct. 11, 1864	June 1, 1873	...	...	250	
2ND GRADE,—SALARY Rs. 200.									
1	Mr. J. W. Macdougall	Asst. Surveyor, 2nd grade	Kumaon and Gurhwal Survey	Mar. 1, 1865	Apl. 1, 1871	...	...	200	
2	" Hugh Todd	Ditto	Kumaon and Gurhwal Survey	July 15, 1865	Ditto	...	...	200	
3	" E. N. Wyatt	Ditto	Kattywar Survey	Sept. 1, 1865	Oct. 1, 1871	...	...	200	
4	" E. J. Connor	Ditto	Guzerat Survey	Mar. 1, 1865	Apl. 1, 1873	...	...	200	
5	" O. V. Norris	Ditto	No. 1 Extra Party	Apl. 25, 1866	July 1, 1873	...	...	200	
6	" J. Bond	Ditto	No. 2 Astronomical Party	Oct. 18, 1866	Ditto	...	...	200	
7	" C. D. Potter	Ditto	Madras Party	Oct. 29, 1866	Ditto	...	...	200	
8	" T. Kinney	Ditto	Kumaon and Gurhwal Survey	June 17, 1868	Oct. 1, 1873	...	...	200	
3RD GRADE,—SALARY Rs. 160.									
1	Mr. E. P. Wrixon	Asst. Surveyor, 3rd grade	Kumaon and Gurhwal Survey	Oct. 25, 1865	Sept. 1, 1870	...	...	160	
2	" J. Hickie	Ditto	Guzerat Survey	Apl. 29, 1868	Apl. 1, 1871	...	...	160	
3	" W. Fielding	Ditto	Kattywar Survey	May 3, 1868	Ditto	...	...	160	
4	" G. D. Cusson	Ditto	Guzerat Survey	May 8, 1868	Ditto	...	...	160	
5	" E. W. Lasseron	Ditto	Madras Party	May 1, 1869	Jan. 1, 1873	...	...	160	
6	" E. F. Litchfield	Ditto	Kumaon and Gurhwal Survey	Nov. 26, 1868	Apl. 1, 1873	...	...	160	
7	" C. P. Torrens	Ditto	Jodhpore Series	Dec. 12, 1868	Apl. 1, 1873	...	...	160	
8	" A. Bryson	Ditto	Guzerat Party	Sept. 20, 1869	Oct. 1, 1873	...	...	160	
4TH GRADE,—SALARY Rs. 120.									
1	Mr. W. Oldham	Asst. Surveyor, 4th grade	Jodhpore Series	Oct. 15, 1871	Oct. 15, 1871	...	...	120	
2	" J. C. Clancey	Ditto	Eastern Frontier Series	Sept. 30, 1872	Sept. 30, 1872	...	...	120	
3	" J. O. Hughes	Ditto	Assam Party	Oct. 14, 1872	Oct. 14, 1872	...	...	120	
4	" I. Pocock	Ditto	Kumaon and Gurhwal Survey	Oct. 18, 1872	Oct. 18, 1872	...	...	120	
5	" G. T. Hall	Ditto	Guzerat Survey	Nov. 22, 1872	Nov. 22, 1872	...	...	120	
6	" McCarthy	Ditto	Kumaon and Gurhwal Survey	Aug. 1, 1873	Aug. 1, 1873	...	...	120	
7	" D. J. Collins	Ditto	Brahmaputra Party	Oct. 6, 1873	Oct. 6, 1873	...	...	120	
8	" H. Corkery	Ditto	Kattywar Party	Nov. 20, 1873	Nov. 20, 1873	...	...	120	

GENERAL LIST
OF
OFFICERS OF THE GREAT TRIGONOMETRICAL SURVEY OF INDIA
ON THE
1st April 1874.

1	2	3	4	5	6	7	8	9	10	11	12	13
			Y. M. D.			Rs. A. P.			Y. M. D.	Y. M. D.		
1	Mr. H. Keelan (Senior Branch)	Not passed...	56 6 11	Deputy Supdt. ...	3rd Grade	1,000 0 0	April 1, 1874	May 18, 1832	...	40 6 11	Head Quarters ...	Offg. Deputy Superintendent, 2nd grade. Services reckoned under old rules.
2	„ W. C. Rossenrode (Senior Branch).	Ditto ...	50 4 9	Ditto ...	Ditto ...	900 0 0	Ditto ...	Dec. 13, 1838	...	34 4 9	In charge, E. Frontier Series	Services reckoned under old rules.
3	„ J. B. N. Hennessey (Senior Branch).	Ditto ...	44 8 0	Ditto ...	1st Grade	1,300 0 0	Ditto ...	Apl. 14, 1844	...	28 7 13	In charge, Computing Office ...	Column 11 includes 2 years' leave on medical certificate from Mar. 1863, under the old rules which were then in force, and allowed the leave to reckon as service.
4	„ R. Scott	Ditto ...	52 1 23	Surveyor ...	3rd Grade	350 0 0	April 1, 1873	Oct. 25, 1844	0 5 0	29 5 7	Store Depôt, Head Quarters ...	Services reckoned under old rules.
5	„ Harry Duban	Ditto ...	47 2 22	Ditto ...	1st Grade	500 0 0	April 1, 1868	Apl. 22, 1845	8 0 0	23 10 9	Personal Asst. to Supdt. (16 months' and 4 days' furlough to Europe excluded).	Services reckoned under new rules.
6	„ J. McGill (Senior Branch)	Ditto ...	43 5 9	Asst. Supdt. ...	2nd Grade	600 0 0	April 1, 1874	Oct. 1, 1851	...	22 6 0	Kattiwar Survey ...	Services reckoned under old rules.
7	Lt. Col. T. G. Montgomerie, R. E.	Passed ...	43 10 23	Deputy Supdt. ...	1st Grade	...	Ditto ...	Oct. 1, 1852	...	...	...	On furlough.
8	Colonel J. T. Walker, R. E. ...	...	47 4 0	Superintendent ...	...	2,565 5 0	Mar. 12, 1881	Dec. 1, 1853	13 0 20	...	Superintendent.	
9	Mr. W. G. Beverley (Senior Branch).	Not passed...	38 5 15	Asst. Supdt. ...	2nd Grade	600 0 0	April 1, 1874	July 1, 1854	...	19 7 24	In charge, Assam Survey ...	Officiating Assistant Superintendent, 1st grade, leave to Europe on medical certificate for 2 years included under old rules.
10	„ E. C. Ryall (ditto)	Ditto ...	36 2 15	Ditto ...	3rd Grade	600 0 0	Ditto ...	Apl. 25, 1855	...	18 11 6	Kumaon and Garhwal Survey ...	225 days' sick leave included under old rules. Officiating Assistant Superintendent, 2nd grade.
11	„ H. Beverley	Ditto ...	35 5 3	Surveyor ...	1st Grade.	500 0 0	April 1, 1871	June 14, 1855	3 0 0	18 9 17	Eastern Frontier Series ...	30 days' leave included under old rules.
12	„ L. H. Clarke	Ditto ...	39 9 26	Ditto ...	2nd Grade	400 0 0	Dec. 1, 1873	Nov. 26, 1855	1 4 0	18 4 5	Brahmaputra Party.	
13	„ C. J. Neuville	Ditto ...	39 9 12	Ditto ...	Ditto ...	400 0 0	Oct. 1, 1871	Dec. 1, 1855	2 6 0	18 4 0	Kumaon and Garhwal Survey...	Six months' sick leave included under old rules.
14	„ W. Todd	Ditto ...	35 4 21	Ditto ...	3rd Grade	350 0 0	Sept. 1, 1868	Jan. 11, 1856	4 7 0	16 3 19	Computing Office ...	Service reckoned under old rules.
15	„ A. D'Souza	Ditto ...	36 7 17	Ditto ...	2nd Grade	400 0 0	Dec. 1, 1871	Feb. 19, 1856	1 4 0	13 8 17	Guzerat Survey ...	11 months' furlough excluded under new rules.
16	„ J. Low	Ditto ...	34 1 0	Ditto ...	3rd Grade	350 0 0	April 1, 1871	Oct. 1, 1857	3 0 0	16 6 0	Kumaon and Garhwal Survey...	334 days' sick leave included under old rules.
17	„ C. Wood	Ditto ...	31 8 10	Ditto ...	Ditto ...	400 0 0	Ditto ...	May 6, 1858	3 0 0	15 10 26	Computing Office ...	Services reckoned under old rules.
18	„ H. E. T. Keelan	Ditto ...	31 0 1	Ditto ...	Ditto ...	350 0 0	April 1, 1873	Aug. 17, 1858	2 0 0	15 0 1	Pendulum Party ...	Ditto ditto.
19	„ F. Bell	Ditto ...	31 11 6	Ditto ...	Ditto ...	350 0 0	June 1, 1873	Ditto ...	0 10 0	8 8 6	Kattiwar Survey ...	1 year and 91 days' leave and furlough excluded under new rules.
20	Major B. R. Branfill, R. E. ...	Passed ...	40 4 8	Deputy Supdt. ...	2nd Grade	1,223 0 0	April 1, 1874	Oct. 4, 1858	...	...	Dy. Supdt., 2nd Grade ...	In charge, Madras Party.
21	Mr. F. Ryall	Not passed...	31 4 10	Surveyor ...	4th Grade	300 0 0	April 1, 1871	Apl. 1, 1859	2 0 0	14 6 13	Kattiwar Survey ...	2 years' medical leave included under old rules.
22	Captain H. R. Thuillier, R. E. ...	Passed ...	36 0 5	Deputy Supdt. ...	2nd Grade	1,333 10 0	April 1, 1874	May 21, 1859	...	...	Offg. Dy. Supdt., 1st Grade ...	In charge, Kumaon and Garhwal Survey.
23	Mr. G. Atkinson	Not passed...	30 5 20	Surveyor ...	3rd Grade	400 0 0	Jan. 1, 1874	Aug. 1, 1859	0 3 0	14 5 20	Drawing Office ...	Services reckoned under old rules.
24	Major C. T. Haig, R. E. ...	Ditto ...	39 8 15	Deputy Supdt. ...	2nd Grade	1,233 10 0	April 1, 1874	Sept. 22, 1859	...	...	Dy. Supdt., 2nd Grade ...	In charge, Guzerat Party.
25	Captain J. Herschel, R. E. ...	Passed ...	36 5 1	Ditto ...	Ditto ...	...	Ditto ...	Nov. 12, 1859	...	...	...	On furlough.
26	Mr. J. Peyton	Not passed...	46 2 2	Surveyor ...	1st Grade	500 0 0	Ditto ...	Feb. 3, 1860	...	14 1 26	Guzerat Survey ...	Services reckoned under new rules.
27	„ J. Wood	Lower Standard.	29 0 17	Ditto ...	4th Grade	300 0 0	April 1, 1873	Nov. 12, 1860	2 0 0	13 4 19	Kattiwar Survey ...	Ditto ditto.
28	„ G. Harris	Passed ...	31 7 25	Ditto ...	Ditto ...	300 0 0	June 1, 1873	July 23, 1861	0 10 0	12 8 9	Assam Survey ...	Ditto ditto.
29	„ J. W. Mitchell	Not passed .	30 7 29	Asst. Surveyor ...	1st Grade	250 0 0	April 1, 1874	Sept. 1, 1861	3 0 0	12 7 0	Eastern Frontier Series ...	Ditto ditto.
30	Captain T. T. Carter, R. E. ...	Passed ...	36 1 22	Deputy Supdt. ...	3rd Grade	1,183 10 0	April 1, 1874	Mar. 1, 1862	...	...	Offg. Dy. Supdt., 2nd Grade ...	In charge, Brahmaputra Party.
31	Mr. H. Peychers	Not passed...	31 3 18	Asst. Surveyor ...	1st Grade	300 0 0	April 1, 1871	Apl. 8, 1862	3 0 0	11 11 23	Computing Office ...	Services reckoned under old rules.
32	„ G. Beleharn	Ditto ...	29 1 15	Ditto ...	Ditto ...	250 0 0	Ditto ...	Nov. 1, 1862	3 0 0	11 5 0	Madras Party ...	Ditto ditto.
33	Captain A. Pullan, R. E. ...	Passed ...	38 0 0	Assistant Supdt. ...	Ditto ...	974 1 0	April 1, 1874	Jan. 18, 1863	...	...	Offg. Dy. Supdt., 3rd Grade ...	In charge, Kattiwar Party.
34	„ W. M. Campbell, R. E.	Ditto ...	34 8 12	Deputy Supdt. ...	3rd Grade	...	Ditto ...	Jan. 30, 1863	...	...	...	On Furlough.
35	Mr. L. Pocock	Not passed...	30 11 5	Asst. Surveyor ...	1st Grade	250 0 0	April 1, 1871	July 10, 1863	3 0 0	8 3 11	Kumaon & Garhwal Survey ...	89 days' sick leave excluded.
36	„ A. Christie	Ditto ...	28 6 1	Ditto ...	Ditto ...	250 0 0	Oct. 1, 1871	Aug. 7, 1863	2 6 0	6 6 1	Guzerat Survey.	
37	Captain H. Trotter, R. E. ...	Ditto ...	32 7 1	Deputy Supdt. ...	3rd Grade	...	Apl. 1, 1874	Sept. 5, 1863	...	...	Deputy Supdt., 3rd Grade ...	Deputed to Yarkund.
38	Mr. W. O'Sullivan	Ditto ...	30 1 17	Asst. Surveyor ...	1st Grade	250 0 0	Oct. 1, 1871	Oct. 1, 1863	2 6 0	8 1 18	Assam Survey.	

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

NOTE.—In this list the officers have been arranged according to their length of service in the Department, the officer who has 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.

the Unconvenanted Civil Service Rules. 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.

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.	
39	Mr. N. C. Gwynne	Not passed...	31 0 25	Asst. Surveyor	1st Grade	250 0 0	Apl. 1, 1873
40	„ W. C. Price	Ditto	27 9 7	Ditto	Ditto	250 0 0	Oct. 1, 1873
41	„ C. H. McA Fee	Ditto	24 4 15	Ditto	Ditto	250 0 0	May 1, 1873
42	„ T. H. Rendell	Ditto	29 8 9	Ditto	Ditto	250 0 0	June 1, 1873
43	„ J. W. McDougall	Ditto	29 1 16	Ditto	2nd Grade	200 0 0	Apl. 1, 1871
44	„ E. J. Connor	Lower Standard.	25 7 15	Ditto	Ditto	200 0 0	Apl. 1, 1873
45	„ Hugh Todd	Not passed...	26 7 16	Ditto	Ditto	200 0 0	Apl. 1, 1871
46	„ E. N. Wyatt	Ditto	27 5 1	Ditto	Ditto	200 0 0	Oct. 1, 1871
47	„ E. P. Wrixon	Ditto	27 11 2	Ditto	3rd Grade	160 0 0	Sept. 1, 1870
48	Captain W. J. Heaviside, B. E.	Passed	33 9 27	Deputy Supdt.	Ditto	1,033 10 0	Apl. 1, 1874
49	Mr. O. V. Norris	Telugu, Madras University Matriculation.	29 4 11	Asst. Surveyor	2nd Grade	200 0 0	July 1, 1873
50	Captain M. W. Rogers, B. E.	Passed	32 1 12	Asst. Supdt.	1st Grade	...	Apl. 1, 1874
51	Mr. J. Bond	Not passed...	24 2 24	Asst. Surveyor	2nd Grade	200 0 0	July 1, 1873
52	„ C. D. Potter	Tamil, Civil Engineering College, Madras.	28 6 27	Ditto	Ditto	200 0 0	Ditto
53	Lieut. J. Hill, B. E.	Not passed...	33 3 7	Asst. Supdt.	1st Grade	865 12 0	Apl. 1, 1874
54	Mr. W. H. Cole, M. A. (Senior Branch)	Higher Standard.	36 3 16	Ditto	Ditto	800 0 0	Ditto
55	„ J. Hickie	Not passed...	25 2 17	Asst. Surveyor	3rd Grade	160 0 0	Apl. 1, 1871
56	„ W. Fielding	Ditto	25 10 13	Ditto	Ditto	160 0 0	Ditto
57	„ G. D. Cusson	Ditto	27 6 7	Ditto	Ditto	160 0 0	Ditto
58	„ T. Kinney	Ditto	26 10 27	Ditto	2nd Grade	200 0 0	Oct. 1, 1873
59	„ E. F. Litchfield	Ditto	22 2 7	Ditto	3rd Grade	160 0 0	Apl. 1, 1873
60	Captain A. Baird, B. E.	Passed	31 10 26	Asst. Supdt.	2nd Grade	865 12 0	Apl. 1, 1874
61	Mr. C. P. Torrens	Not passed...	23 9 11	Asst. Surveyor	3rd Grade	160 0 0	Apl. 1, 1873
62	Captain J. R. McCullagh, B. E.	Passed	32 0 5	Asst. Supdt.	2nd Grade	...	Apl. 1, 1874
63	Mr. E. W. Lasseron	Not passed...	29 11 7	Asst. Surveyor	3rd Grade	160 0 0	Jan. 1, 1873
64	„ A. Bryson	Ditto	24 7 1	Ditto	Ditto	160 0 0	Oct. 1, 1873
65	„ W. Oldham	Ditto	21 3 15	Ditto	4th Grade	120 0 0	Oct. 15, 1871
66	Lieut. H. J. Harman, B. E.	Ditto	23 10 17	Asst. Supdt.	3rd Grade	740 12 0	Apl. 1, 1874
67	Mr. J. C. Clancey	...	19 6 13	Asst. Surveyor	4th Grade	120 0 0	Sept. 30, 1873
68	„ J. O. Hughes	...	18 7 8	Ditto	Ditto	120 0 0	Oct. 14, 1873
69	„ Irvin Pocock	...	24 10 9	Ditto	Ditto	120 0 0	Oct. 28, 1873
70	„ G. T. Hall	...	21 11 24	Ditto	Ditto	120 0 0	Nov. 22, 1873
71	Lieut. St. G. C. Gore, B. E.	...	25 1 8	Asst. Supdt.	3rd Grade	670 0 0	Apl. 1, 1874
72	„ J. E. Gibbs, B. E.	...	...	Ditto	Ditto	670 0 0	Ditto
73	Mr. J. McCarthy	...	18 11 2	Asst. Surveyor	4th Grade	120 0 0	Aug. 1, 1874
74	„ D. J. Collins	...	...	Ditto	Ditto	120 0 0	Oct. 6, 1873
75	„ H. Corkery	...	...	Ditto	Ditto	120 0 0	Nov. 20, 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.		
Oct. 19, 1863	2 0 0	9 0 25	Kattiwar Survey.	
Nov. 1, 1863	2 6 0	5 9 7	Jodhpore Series.	
Sept. 6, 1864	0 11 0	2 4 16	Kumaon and Garhwal Survey.	
Oct. 11, 1864	0 10 0	7 8 5	Tidal and Levelling Party.	
March 1, 1865	3 0 0	7 1 17	Kumaon and Garhwal Survey.	
Ditto	1 0 0	3 7 16	Guzerat Survey.	
July 15, 1865	3 0 0	4 6 16	Kumaon and Garhwal Survey	30 days' sick leave excluded.
Sept. 1, 1865	2 6 0	5 5 1	Kuttiwar Survey.	
Oct. 25, 1865	3 7 0	5 11 2	Kumaon & Garhwal Survey.	
March 1, 1866	...	...	Depy. Supdt., 3rd Grade	In charge, Pendulum and Magnetic Party.
Apl. 25, 1866	0 9 0	7 4 14	No. 1 Extra Party	12 days' sick leave excluded.
July 30, 1866	...	...	...	On furlough.
Oct. 18, 1866	0 9 0	2 2 24	No. 2 Astronomical Party.	
Oct. 29, 1866	0 9 0	6 6 9	Madras Party	33 days' leave excluded.
Dec. 18, 1866	...	...	Offg. Dy. Supdt., 3rd Grade	In charge, Jodhpore Series.
Jan. 3, 1867	...	7 2 27	Ditto	Excludes service as Professor, Mathematics, Government College, Agra, from 14th April 1862 to end of February 1864.
Apl. 29, 1868	3 0 0	3 2 17	Guzerat Survey.	
May 3, 1868	3 0 0	3 10 13	Kattiwar Survey.	
May 8, 1868	3 0 0	5 6 7	Guzerat Survey.	
June 17, 1868	0 6 0	4 10 27	Kumaon and Garhwal Survey.	
Nov. 26, 1868	1 0 0	0 2 27	Ditto.	
Dec. 4, 1868	...	...	Offg. Depy. Supdt., 3rd Grade	In charge, Bombay Tidal and Levelling Party.
Dec. 12, 1868	1 0 0	1 9 11	Jodhpore Series.	
Feb. 12, 1869	0 0 0	...	...	On furlough.
May 1, 1869	1 3 0	4 11 0	Madras Party.	
Sept. 20, 1869	0 6 0	2 7 1	Guzerat Party.	
Oct. 15, 1871	2 5 17	...	Jodhpore Series.	
June 3, 1872	...	...	Offg. Asst. Supdt., 1st Grade	In charge, No. 1 Extra Party.
Sept. 30, 1872	1 6 1	...	Eastern Frontier Series.	
Oct. 14, 1872	1 5 18	...	Assam Survey.	
Oct. 28, 1872	1 5 4	1 5 4	Kumaon and Garhwal Survey.	
Nov. 22, 1872	1 4 9	...	Guzerat Survey.	
Apl. 11, 1873	...	...	Kumaon and Garhwal Survey...	Officiating Assistant Superintendent, 2nd Grade.
Aug. 15, 1873	...	...	Guzerat Survey	Ditto ditto.
Aug. 1, 1873	0 8 0	...	Kumaon and Garhwal Survey.	
Oct. 6, 1873	0 5 26	...	Brahmaputra Party.	
Nov. 20, 1873	0 4 11	...	Kattiwar Survey.	

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

DISPOSITION LIST
OF
OFFICERS OF THE GREAT TRIGONOMETRICAL SURVEY OF INDIA
ON THE
1st April 1874.

[*This List has been omitted, as the returns corrected to 1st April 1874 have not been received.*]

ALPHABETICAL LIST
OF
OFFICERS OF THE MYSORE REVENUE SURVEY.

	PAGES.
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Clerk, F. B.	90, 94, 99
Coussmaker, Captain M. F.	90, 94, 99
Cowie, Captain D.	90, 94, 99
Dobbie, G. S.	90, 94, 99
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Macintire, Lieutenant A. H.	90, 94, 99
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McCally, Lieutenant A.	90, 94, 99
Meiklejohn, G. F.	90, 94, 99
Price, Lieutenant R. L.	90, 94, 99
Rutherford, Captain J.	90, 94, 99
Ward, Captain T. M.	90, 94, 99

CLASSIFIED LIST
OF
OFFICERS OF THE MYSORE REVENUE SURVEY DEPARTMENT
ON THE
1st April 1874.

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.	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.			
1	Hon'ble Colonel W. C. Anderson ...	Survey and Sett. Commr.	Survey and Sett. Commr.	Sep. 28, 1863	Sep. 28, 1863	...	...	1,247 3 6	...	
1	Captain J. P. Grant ...	Superintendent	Superintendent	Nov. 1, 1863	Jan. 15, 1868	...	...	1,209 1 6	...	
1ST GRADE.										
1	Captain J. W. M. Anderson ...	Deputy Superintendent	Deputy Superintendent	Nov. 27, 1863	Nov. 27, 1873	...	...	995 0 0	...	
2	" J. Rutherford ...	Assistant Superintendent	Assistant Superintendent, 1st Grade	Feb. 1, 1865	July 1, 1873	...	...	795 0 0	...	
3	" G. Mackenzie ...	Ditto ditto	Ditto ditto	Oct. 24, 1873	Dec. 24, 1871	...	...	795 0 0	...	
2ND GRADE.										
1	Captain T. M. Ward ...	Ditto ditto	Ditto ditto	Dec. 1, 1868	Nov. 11, 1868	...	...	695 0 0	...	
2	" F. W. Major ...	Ditto ditto	Ditto ditto, 2nd Grade	April 23, 1865	Mar. 1, 1869	...	...	695 0 0	...	
3	" M. F. Coussmaker ...	Ditto ditto	Ditto ditto	Dec. 24, 1865	Jan. 26, 1870	...	...	695 0 0	...	
4	Mr. E. H. Butcher ...	Ditto ditto	Ditto ditto	Oct. 2, 1865	Mar. 26, 1871	...	...	...	695 0 0	
5	Captain J. B. Lawrence ...	Ditto ditto	Ditto ditto	Jan. 15, 1869	Mar. 10, 1871	...	...	695 0 0	...	
6	Lieutenant A. H. Macintire...	Ditto ditto	Ditto ditto	Dec. 6, 1869	Jan. 8, 1874	...	...	695 0 0	...	
7	Mr. G. S. Dobbie ...	Ditto ditto	Ditto ditto	Nov. 9, 1868	June 1, 1873	...	...	...	695 0 0	
8	Lieutenant R. L. Price ...	Ditto ditto	Ditto ditto	Nov. 1, 1872	Oct. 23, 1872	...	...	695 0 0	...	
3RD GRADE.										
1	Mr. J. P. Barker ...	Ditto ditto	Ditto ditto, 3rd Grade	Dec. 22, 1866	Mar. 25, 1871	...	...	...	560 0 0	
2	" G. F. Meiklejohn ...	Ditto ditto	Ditto ditto	Nov. 30, 1867	June 1, 1871	...	...	...	560 0 0	
3	" W. E. A. James ...	Ditto ditto	Ditto ditto	Dec. 1, 1867	Oct. 2, 1873	...	...	...	560 0 0	
4	" F. B. Clerk ...	Ditto ditto	Ditto ditto	Jan. 16, 1868	Nov. 26, 1872	...	...	...	560 0 0	
5	Captain D. Cowie ...	Ditto ditto	Ditto ditto	Dec. 3, 1870	Mar. 25, 1873	...	...	560 0 0	...	
4TH GRADE.										
1	Lieutenant A. McCally ...	Ditto ditto	Ditto ditto, 4th Grade	Jan. 18, 1872	July 8, 1873	...	...	460 0 0	...	
2	Mr. G. Betham ...	Ditto ditto	Ditto ditto	Nov. 1, 1873	July 2, 1870	...	...	...	460 0 0	

GENERAL LIST
OF
OFFICERS OF THE MYSORE REVENUE SURVEY DEPARTMENT
ON THE
1st April 874.

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.	
	The Hon. Col. W. C. Anderson ...	All have passed in the Vernacular.	51 8 5	Survey and Settlement Commissioner.	...	1,100 0 0	Sep. 28, 1863
2	Captain J. P. Grant ..		36 0 0	Superintendent	...	1,074 0 0	Jan. 15, 1868
3	„ J. W. M. Anderson ...		36 5 20	Depy. Supdt.	1st Grade Asst.	800 0 0	Nov. 27, 1873
4	„ J. Rutherford ...		32 2 22	Asst. Supdt.	Ditto	600 0 0	July 1, 1873
5	Mr. E. H. Butcher ...		37 9 2	Ditto	2nd Grade Asst.	500 0 0	Mar. 28, 1871
6	Captain M. F. Coussmaker ...		30 10 20	Ditto	Ditto	500 0 0	Jan. 26, 1870
7	„ F. W. Major ...		33 8 3	Ditto	Ditto	500 0 0	Mar. 1, 1869
8	Mr. J. P. Barker ...		26 6 16	Ditto	3rd Grade	425 0 0	Mar. 26, 1871
9	„ G. F. Meiklejohn ...		25 3 8	Ditto	Ditto	425 0 0	June 1, 1871
10	„ W. E. A. James ...		31 9 25	Ditto	Ditto	425 0 0	Oct. 2, 1873
11	„ F. B. Clerk ...		29 7 13	Ditto	Ditto	425 0 0	Nov. 26, 1873
12	„ G. S. Dobbie ...		29 9 0	Ditto	2nd Grade	500 0 0	June 1, 1873
13	Captain T. M. Ward ...		32 2 18	Ditto	Ditto	500 0 0	Nov. 11, 1868
14	Lieut. J. B. Lawrence ...		32 5 3	Ditto	Ditto	500 0 0	Mar. 10, 1871
15	„ A. H. Macintire ...		26 1 11	Ditto	Ditto	500 0 0	Jan. 8, 1874
16	Captain D. Cowie ...		33 3 15	Ditto	3rd Grade	425 0 0	Mar. 26, 1873
17	Lieut. A. McCally ...		30 4 24	Ditto	4th Grade	325 0 0	July 8, 1873
18	„ R. L. Price ...		31 3 20	Ditto	2nd Grade	500 0 0	Oct. 23, 1873
19	Captain G. Mackenzie ...		32 8 28	Ditto	1st Grade	600 0 0	Dec. 24, 1871
20	Mr. G. Betham ...		23 6 0	Ditto	4th Grade	300 0 0	July 2, 1870

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.		
Sep. 28, 1863	10 6 3	...	Survey and Sett. Commissioner.	
Nov. 1, 1863	6 2 16	...	Superintendent.	
Nov. 27, 1863	0 4 4	...	Depy. Superintendent.	
Feb. 1, 1865	0 8 30	...	Asst. Superintendent.	
Oct. 2, 1865	3 0 5	8 5 29	Ditto	Age erroneously entered in former list.
Dec. 24, 1865	2 3 13	...	Ditto.	
April 23, 1865	4 8 4	...	Ditto	On furlough to Europe for one year, from 4th November 1873.
Dec. 22, 1866	3 0 6	4 6 2	Ditto.	
Nov. 30, 1867	2 10 0	3 2 23	Ditto.	
Dec. 1, 1867	0 5 29	4 10 9	Ditto.	
Jan. 16, 1868	1 4 5	6 2 15	Ditto.	
Nov. 9, 1868	0 10 0	7 8 16	Ditto.	
Dec. 1, 1868	4 8 20	...	Ditto	On leave on private affairs to Europe for 18 months, from 1st August 1873.
Jan. 15, 1869	3 0 21	...	Ditto.	
Dec. 6, 1869	0 2 23	...	Ditto.	
Dec. 3, 1870	1 0 6	...	Ditto.	
Jan. 18, 1872	0 8 23	...	Ditto.	
Nov. 1, 1872	1 5 8	...	Ditto.	
Oct. 24, 1873	2 3 7	...	Ditto	} Service in the Berar Revenue Survey from 30th December 1869 and 3rd May 1869, respectively.
Nov. 1, 1873	3 8 29	1 5 17	Ditto	

NOTE.—In this list the officers have been arranged according to their length of service in the Department, the officer who has longest counting for pension (column 11), having the longest service. The period shown in column 10 includes only actual service.

* Applies only to officers who are under the Uncovenanted Civil Service Rules. longest in the Department standing first on the list. Their dates of first appointment to the Department (column 9), and period of service in the grade, counting towards Departmental promotion.

DISPOSITION LIST
OF
OFFICERS OF THE MYSORE REVENUE SURVEY DEPARTMENT
ON THE
31st October 1873.

Number of party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of work of Fields and Acres surveyed during the last three years.		Work of last twelve months ending 31st Oct. 1873.	
		Sub-Surveyors.	English Clerks.	Karkoons, &c.	Learners.	Mappers.	Peons.	Fields.	Acres.	Fields.	Acres.
1	Mysore Province ...	...	2	3	...	...	4	} Supervision of details in all branches and introduction of settlement.			
2	Ditto ...	...	2	44	...	15	10				
3	Ditto ...	...	2	6	...	4	4				
4	Kadoor, Toomkoor, and Shimoga Districts ...	21	...	2	7	...	2	8,877	1,40,021	6,093	1,30,893
5	Shimoga, Kadoor and Hasan Districts	18	...	2	10	...	2	6,696	1,42,719	4,655	83,215
6	Kadoor and Hasan Districts	18	...	2	10	...	2	7,379	1,04,947	5,157	1,26,676
7	Shimoga and Toomkoor Districts	20	...	2	5	...	2	7,292	1,17,052	7,232	1,32,417
8	Shimoga, Toomkoor, Kolar and Bangalore Districts	20	...	2	6	...	2	10,578	1,34,749	4,946	84,774
9	Shimoga and Kadoor Districts	21	...	2	6	...	2	6,232	1,07,905	4,140	72,987
10	Shimoga, Toomkoor & Kadoor Districts	22	...	2	5	...	2	7,865	1,19,845	7,241	86,100
11	Bangalore and Hasan Districts	18	...	2	7	...	2	8,678	95,580	6,949	73,151
12	Shimoga and Kadoor Districts	19	...	2	5	...	2	8,445	1,33,017	5,480	1,08,082
13	Bangalore District	23	...	2	9	...	2	...	...	3,272	34,901
14	Toomkoor District	8	...	1	1	...	2	...	...	665	8,519
15	Shimoga, Kadoor & Bangalore Districts	14	...	1	1	...	2	21,946	3,80,433	17,694	4,22,787
16	Toomkoor, Shimoga & Kolar Districts	10	...	1	7	...	2	20,697	2,87,260	24,167	3,72,854
17	Bangalore, Shimoga & Kadoor Districts	13	...	1	4	...	2	13,378	1,79,635	14,204	2,47,291
18	Shimoga and Toomkoor Districts	2	...	...	...	...	...	...	...	719	8,164
	Ditto ditto	...	...	...	...	...	...	...	...	...	...
	TOTAL	247	6	77	83	15	46	72,042	10,95,835	55,830	9,43,668
								56,021	8,47,328	56,784	10,51,070

Annual cost of Party for the year 1872-73.	Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
18,628	Colonel W. C. Anderson ...	1	Surveyor and Sett. Commr.	Sep. 28, 1863	
32,021	Captain J. P. Grant ...	2	Ditto Supdt.	Jan. 15, 1868	
24,077	„ J. W. M. Anderson...	3	Deputy Superintendent	Nov. 1, 1869	
14,147	„ D. Cowie ...	16	3rd Grade, Asst. Supdt.	Dec. 2, 1871	
16,847	Lieut. J. B. Lawrence ...	14	2nd ditto ditto	Oct. 28, 1870	
13,202	Mr. F. B. Clerk ...	11	3rd ditto ditto	Nov. 26, 1869	
15,940	Captain T. M. Ward ...	13	2nd ditto ditto	Nov. 16, 1868	
13,975	Mr. G. F. Meiklejohn ...	9	3rd ditto ditto	June 1, 1868	
13,360	Lieut. A. H. Macintire ...	15	3rd ditto ditto	Dec. 8, 1870	
14,039	„ R. L. Price ...	18	2nd ditto ditto	Jan. 2, 1873	
15,992	Captain M. F. Couesmaker ...	6	2nd ditto ditto	Jan. 26, 1870	
14,492	Mr. J. P. Barker ...	8	3rd ditto ditto	Dec. 1, 1867	
6,706	Mr. W. E. A. James ...	10	4th ditto ditto	Apl. 19, 1873	
7,353	Captain F. W. Major ...	7	2nd ditto ditto	Ditto ...	
14,607	Mr. G. S. Dobbie ...	12	2nd ditto ditto	July 4, 1871	
13,468	„ E. H. Butcher ...	5	2nd ditto ditto	Jan. 26, 1867	
13,243	Capt. J. Rutherford ...	4	1st ditto ditto	Dec. 1, 1871	
...	„ F. W. Major ...	...	4th ditto ditto	...	} The O establishment contains both measurers and Classers—work appears in each branch, but cost is shown under measuring. Pay while probationer.
3,165	Lieut. A. McCally ...	17	4th ditto ditto	...	
2,65,322					

ALPHABETICAL LIST
OF
OFFICERS OF THE BERAR REVENUE SURVEY.

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CLASSIFIED LIST
OF
OFFICERS OF THE BERAR REVENUE SURVEY DEPARTMENT
ON THE
1st April 1874.

Number of Officers in each grade.	NAMES.	Substantive appointment.	Duty on which at present employed.
1	Mr. R. R. Beynon	Deputy Superintendent	Offg. Superintendent
1ST GRADE.			
1	Captain C. C. Pemberton	Assistant Superintendent	Assistant Superintendent
3RD GRADE.			
1	Mr. E. W. L. Morant	Ditto ditto	Ditto ditto

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

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.	
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.
Oct. 12, 1859	Oct. 30, 1872	...	...	...	1,175	
Sep. 9, 1864	Feb. 2, 1873	...	...	795 0 0	...	
Nov. 13, 1868	Oct. 16, 1872	...	...	...	560	Transferred to Bombay.

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

GENERAL LIST
OF
OFFICERS OF THE BERAR REVENUE SURVEY DEPARTMENT
ON THE
1st April 1874.

1	2	3	4	5	6	7	8
General Seniority No.	NAMES.	Passed in the Vernacular.	Age on 15th April.	Rank.	Grade.	Salary.	Date of appointment to present grade.
			Y. M. D.			Rs. A. P.	
1	Lieut.-Col. P. A. Elphinstone...	Passed ...	46 6 18	Superintendent ...	...	1,752 14 0	Feb. 3, 1873
2	Mr. R. R. Beynon ...	Ditto ...	34 5 3	Offg. Supdt. ...	...	1,175 0 0	Oct. 30, 1873
3	Captain C. C. Pemberton ...	Ditto ...	34 3 4	Assistant Supdt. ...	1st Grade	795 0 0	Feb. 2, 1873
4	Mr. E. W. L. Morant ...	Ditto ...	25 10 29	Ditto ...	3rd Grade	560 0 0	Oct. 16, 1872

*Applies only to officers who are under the appointment to Probationary Assistant in the Survey Department.

NOTE.—In this list the officers have been arranged according to their length of service in the Department, the officer who has been longest 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.		
Jan. 30, 1852	1 1 26	...	Superintendent ...	On leave to Europe for 18 months on urgent private affairs from 4th November 1872.
Oct. 12, 1859	1 5 2	11 0 9	Offg. Supdt.	
Sept. 9, 1864	1 1 27	...	Asst. Supdt.	
Nov. 13, 1868	1 5 16	3 10 15	Ditto.	

Uncovenanted 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 have been arranged in consecutive order.

DISPOSITION LIST
OF
OFFICERS OF THE BERAR REVENUE SURVEY DEPARTMENT
ON THE
1st April 1874.

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 April 1873 to 31st March 1874.	Annual cost of Party (for the year 1873-74).
		Sub-Surveyors.	English Clerks.	Cartoons.	Mappers.	Peons.			
		No.	No.	No.	No.	No.	Square miles.	Square miles.	Rupees.
1	East and West Berars ...	11	2	40	18	16	Settlement, Mapping, and Lithographic Department and general supervision.		41,187
2	Ditto ditto ...	...	...	...	...	...	Measuring, Classing, and Account Department.		2,794
3	Taluka Chandore and Yeotmal...	...	...	...	...	...	<i>A—Classing.</i> 535 | 107		4,664
4	„ Chandore, Yeotmal, and Wun.	20	...	4	...	3	<i>C—Classing.</i> 482 | 556		17,768
6	„ Chandore, Chickli, Mehkar, Bassim, and Pusad.	...	...	...	...	...	<i>H—Classing.</i> 573 | 110		7,885
6	„ Yeotmal and Wun ...	...	...	...	...	...	<i>D—Measuring.</i> 384 | 51		16,079
7	„ Wun ...	...	...	...	...	...	<i>E—Measuring.</i> 408 | 65		11,120
8	„ Wun ...	...	...	...	...	...	<i>F—Measuring.</i> 386 | 118		16,902
9	„ Chickli, Mehkar, Bassim, and Pusad.	...	...	...	...	...	<i>G—Measuring.</i> 353 | 121		14,667
TOTAL ...		31	2	44	18	19	<i>Classing.</i> 1,590 | 773		1,33,511
							<i>Measuring.</i> 1,531 | 358		

Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Mr. R. R. Beynon ...	2	Offg. Superintendent ...	Oct. 30, 1872	
„ R. B. Pitt ...	...	...	...	Deputy Superintendent's Office broken up from 16th June 1873.
„ R. B. Pitt ...	...	...	...	Establishment broken up from 1st September 1873.
Captain C. C. Pemberton ...	3	Asst. Supdt., 1st grade ...	Oct. 30, 1871	
Mr. W. Turnbull ...	...	...	...	Establishment broken up from 24th October 1873.
„ E. W. L. Morant ...	4	...	...	Establishment broken up from 1st December 1873.
„ G. Betham ...	...	...	...	Establishment broken up from 1st November 1873.
„ E. A. Hobson ...	...	...	...	Establishment broken up from 1st December 1873.
„ J. A. Guerin ...	...	...	...	Establishment broken up from 11th November 1873.

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

distinguishing letters of the several native establishments.

ALPHABETICAL LIST
OF
OFFICERS OF THE GEOLOGICAL SURVEY DEPARTMENT.

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CLASSIFIED LIST
OF
OFFICERS OF THE GEOLOGICAL SURVEY OF INDIA
ON THE
1st April 1874.

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	Extension of sick leave for 6 months.
	1ST GRADE, Rs. 700, RISING TO Rs. 1,000.									
1	H. B. Medlicott	Dy. Superintendent for Bengal ...	Offg. Supdt., Geological Survey ...	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 leave for six months.
3	William Theobald	Assistant, Geological Survey ...	Sivalik hills	Nov. —, 1848	Mar. 31, 1869	950	130	...	1,080	Appointed to officiate as Deputy Superintendent for Bengal.
4	Dr. F. Stoliczka	Palaontologist	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 ...	Godavery District	Mar. 4, 1857	May 1, 1866	700	130	100	930	
2	R. B. Foote	Assistant, Geological Survey ...	South Mahratta Country	Sept. 28, 1858	Ditto ...	700	130	...	830	
3	A. B. Wynne	Ditto	Rawulpindy	Nov. 13, 1862	Mar. 31, 1869	700	130	...	830	
4	F. R. Mallet	Ditto	Sikkim	Feb. 12, 1859	May 1, 1872	700	130	...	830	
	3RD GRADE, Rs. 350, RISING TO Rs. 500.									
1	W. L. Willson	Assistant, Geological Survey ...	Bundelkund	Mar. 4, 1857	May 1, 1866	500	130	...	630	
2	F. Fedden	Ditto	Nizam's territories	Oct. 1, 1860	Ditto ...	500	130	...	630	
3	C. A. Hacket	Ditto	Rajputana	Nov. 11, 1861	Ditto ...	500	130	...	630	
4	T. W. H. Hughes	Ditto	Chanda and Nizam's territories ...	Nov. 11, 1862	Ditto ...	500	130	...	630	Appointed to officiate as Deputy Superintendent for Bombay.
5	V. Ball	Ditto	Sa'pura	Oct. 29, 1864	Ditto ...	500	130	...	630	
6	Dr. W. Waagen	Ditto	On sick leave	Dec. 15, 1870	Dec. 15, 1870	450	130	...	580	
7	A. Tween	Curator and Registrar	At Office and Museum	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	British Burmah	May 1, 1868	May 1, 1868	750	280	...	1,030	
	T. H. Turner	Assistant Curator	At Office and Museum	April 1, 1869	April 1, 1869	250	...	...	250	
	Ram Singh, 1st	Apprentice	Office	Mar. 21, 1873	Mar. 21, 1873	30	...	...	30	Attending science lectures at the Presidency College.
	Ram Singh, 2nd	Ditto	Ditto	Jan. 7, 1874	Jan. 7, 1874	30	...	...	30	Ditto ditto.
	Heera Lall	Ditto	Ditto	Ditto ...	Ditto ...	30	...	...	30	Ditto ditto.
	Kissen Singh	Ditto	Ditto	Ditto ...	Ditto ...	30	...	...	30	Ditto ditto.

GENERAL LIST
OF
OFFICERS OF THE GEOLOGICAL SURVEY OF INDIA
ON THE
1st April 1874.

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 31st March 1874.	Present Post.	REMARKS.	
			Y.	M.	D.						Y.	M.	D.				Y.	M.	D.
1	Thomas Oldham	...	55	9	13	Supdt., Geol. Survey	...	1,850	Mar. 5, 1841	Mar. 5, 1851	23	0	27	22	4	11	On sick leave.
2	William Theobald	...	44	11	14	Asst., Geol. Survey	1st Grade	950	Mar. 31, 1860	Nov. 1848	5	0	1	21	5	7	Sivalik Hills.
3	H. B. Medicott	...	44	7	29	Deputy Superintendent for Bengal.	Ditto	1,000+100	May 1, 1860	Mar. 24, 1854	7	11	0	19	0	19	Officiating Superintendent, Geological Survey.
4	W. T. Blanford	...	41	5	25	Ditto Bombay	Ditto	1,000+100	Ditto	Oct. 1, 1855	7	11	0	16	5	0	On sick leave.
5	William King, Jr.	...	40	8	16	Ditto Madras	2nd Grade	700+100	Ditto	Mar. 4, 1857	7	11	0	15	9	28	Godaveri District.
6	W. L. Willson	...	50	10	1	Asst., Geol. Survey	3rd Grade	600	Ditto	Ditto	7	11	0	15	9	28	Bundelkund.
7	R. B. Foote	...	39	6	9	Ditto	2nd Grade	700	Ditto	Sept. 28, 1858	7	11	0	13	11	3	South Mahratta Country.
8	F. R. Mallet	...	33	1	19	Ditto	Ditto	700	May 1, 1873	Feb. 12, 1859	1	11	0	10	1	17	Sikkim.
9	A. Tween	...	52	4	26	Curator & Registrar	3rd Grade	500	May 1, 1866	May 12, 1859	7	11	0	12	11	29	Curator and Chemist at Head Office.
10	F. Fedden	...	35	0	10	Asst., Geol. Survey	Ditto	500	Ditto	Oct. 1, 1860	7	11	0	11	4	0	Nizam's Territories.
11	C. A. Hacket	...	40	8	20	Ditto	Ditto	500	Ditto	Nov. 11, 1861	7	11	0	12	4	20	Rajputana.
12	T. W. H. Hughes	...	30	7	30	Ditto	Ditto	500	Ditto	Nov. 11, 1862	7	11	0	9	10	20	Chanda and Nizam's Territories.
13	A. B. Wynne	...	38	5	17	Ditto	2nd Grade	700	Mar. 31, 1868	Nov. 13, 1862	5	0	1	9	9	23	Rawulpindee.
14	Dr. F. Stoliczka	...	35	9	24	Palæontologist	1st Grade	900	May 1, 1873	Dec. 27, 1862	1	11	0	11	3	5	Deputed to Yarkund.
15	V. Ball	...	30	8	18	Asst., Geol. Survey	3rd Grade	500	May 1, 1868	Oct. 29, 1864	7	11	0	9	5	3	Satpura.
16	Dr. W. Waagen	...	30	9	2	Ditto	Ditto	450	Dec. 15, 1870	Dec. 15, 1870	3	3	17	2	0	16	On sick leave.
17	Vacant	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
UNGRADED OFFICERS.																	
18	Mark Fryar	...	41	0	10	Mining Geologist	No Grade	750	May 1, 1868	May 1, 1868	5	11	0	5	11	0	British Burmah.
19	T. H. Turner	...	33	9	6	Asst. Curator	Ditto	250	April 1, 1869	April 1, 1869	5	0	0	5	0	0	Museum and Office.
20	Ram Sing, 1st*	...	...	...	...	Apprentice	Ditto	30	Mar. 21, 1873	Mar. 21, 1873	1	0	11	1	0	11	Office.
21	Ram Sing, 2nd*	...	...	...	...	Ditto	Ditto	30	Jan. 7, 1874	Jan. 7, 1874	0	2	25	0	2	25	Ditto.
22	Hera Lall*	...	...	...	...	Ditto	Ditto	30	Ditto	Ditto	0	2	25	0	2	25	Ditto.
23	Kissen Singh*	...	...	...	...	Ditto	Ditto	30	Ditto	Ditto	0	2	25	0	2	25	Ditto.

* Birthdays are unknown.

DISPOSITION LIST
OF
OFFICERS OF THE GEOLOGICAL SURVEY OF INDIA
ON THE
1st April 1874.

NAMES OF OFFICERS.	Where employed.	Number in General List.	Rank and Grade.	Date of assuming charge.	STRENGTH OF SUBORDINATE ESTABLISHMENT OF ALL GRADES.						Office Estab-lishment		Where employed during last three years.	Annual cost (salary, contingencies, travelling allowances of officers and his subordinates, if any).	REMARKS.			
					1st grade.				2nd grade.		3rd grade.					Non-graded Officers.	Clerks & Drafts-men.	Subsistence & Allowances.
					No.	No.	No.	No.	No.	No.	No.	No.						
Thomas Oldham	On sick leave	1	Supdt., Geological Survey.	Mar. 5, 1851	4	4	7	6	9	15	1871-72. Godavari District and Office...	Salary	Rs. 6,445	A. P. 2 7				
1st GRADE.																		
H. B. Medlicott	At Head Quarters	3	Deputy Supdt., 1st grade.	Mar. 24, 1854	4-1st grade officers.						1872-73. At Head Quarters	...	...	...	
W. T. Blanford	On sick leave	4	Ditto	Oct. 1, 1855								1873-74. On sick leave	Allowances	1,254	3 1	7,699 5 8		
William Theobald	Sivalik Hills	2	Asst. 1st grade	Nov. 1848								1871-72. Satpura	Salary and allowances	15,020	0 0			
Dr. F. Stoliczka	Yarkund Mission	14	Palæontologist	Dec. 27, 1862								1872-73. Narbada Valley	Extra travelling, etc.	3,076	2 0			
William King, jr.	Godavari District	5	Deputy Supdt., 2nd grade.	Mar. 4, 1857	4-2nd grade officers.						1873-74. Head Quarters and Garo hills	...	...	...	18,096 2 0
R. B. Foote	South Maratha Country.	7	Asst., 2nd grade	Sep. 28, 1858								1871-72. Bombay and Persia	Salary and allowances	0 0 0				
A. B. Wynne	Rawulpindee	13	Ditto	Nov. 13, 1862								1872-73. On sick leave	Extra travelling, etc.	0 0 0		0 0 0		
F. R. Mallet	Sikkim	8	Ditto	Feb. 12, 1859								1873-74. Ditto	On Furlough.		
2nd GRADE.																		
W. L. Willson	Bundelkund	6	Asst., 3rd grade	Mar. 4, 1857	7-3rd grade officers.						1871-72. British Burma	Salary and allowances	14,477	11 10				
F. Fedden	Nizam's territories	10	Ditto	Oct. 1, 1860								1872-73. Ditto	Extra Travelling, etc.	551	7 0			
C. A. Hacket	Rajputana	11	Ditto	Nov. 11, 1861								1873-74. Sivalik hills	Pegu Interpreter (Subordinate)	25	0 0	15,054 2 10		
T. W. H. Hughes	Chanda and Nizam's territories.	12	Ditto	Nov. 11, 1862								1871-72. At Cutch and Office	Salary and allowances	12,445	0 0			
V. Ball	Satpura	15	Ditto	Oct. 29, 1864							1872-73. At Office, Calcutta	Extra travelling, etc.	250	2 0				
Dr. W. Waagen	On sick leave	16	Ditto	Dec. 15, 1870							1873-74. Yarkund Mission	...	...	...	12,695 2 0
A. Tween	Museum and Office	9	Ditto	May 12, 1859							1871-72. Godavari District	Salary and allowances	11,460	0 0				
3rd GRADE.																		
Mark Fryar	British Burmah	18	Mining Geologist	May 1, 1868	6-Non-graded Officers.						1872-73. Ditto	Extra travelling, etc.	1,467	0 0				
T. H. Turner	Office and Museum	19	Asst. Curator	April 1, 1869								1873-74. Ditto	N. Doctor's pay, etc.	702	8 3	13,629 8 3		
Ram Singh, 1st	Ditto ditto	20	Apprentice	Mar. 21, 1873								1871-72. Belgaum	Salary and allowances	10,491	2 9			
Ram Singh, 2nd	Ditto ditto	21	Ditto	Jan. 7, 1874								1872-73. Upper Kristna Valley	Extra travelling, etc.	1,537	12 0			
Hera Lall	Ditto ditto	22	Ditto	Ditto							1873-74. S. Maratha country	...	...	...	12,028 14 9
Kissen Singh	Ditto ditto	23	Ditto	Ditto							1871-72. Hazara	Salary and allowances	10,170	0 0				
NON-GRADED OFFICERS.																		
...	...	...	...	...							1872-73. Punjab and Kohat	Extra travelling, etc.	500	0 0	
...	...	...	...	...							1873-74. Rawulpindee	N. Doctor's pay, etc.	270	0 0	10,940 0 0
...	...	...	...	...							1871-72. South Mirzapur and Singrowli	Salary and allowances	10,170	0 0	
...	...	...	...	...							1872-73. Hazaribagh	Extra travelling, etc.	718	0 0	
...	...	...	...	...							1873-74. Sikkim	N. Doctor's pay, etc.	569	0 7	11,457 0 7
...	...	...	...	...							1871-72. N.-W. and Central Provinces.	Salary and allowances	7,785	0 0	
...	...	...	...	...							1872-73. Banda and Rewah	Extra travelling, etc.	865	0 0	
...	...	...	...	...							1873-74. Bundelkund	...	...	...	8,650 0 0
...	...	...	...	...							1871-72. E. Berar & Nizam's territory	Salary and allowances	1,481	5 0	
...	...	...	...	...							1872-73. On sick leave	Extra travelling, etc.	335	4 0	
...	...	...	...	...							1873-74. Nizam's territories	...	...	...	1,816 9 0
...	...	...	...	...							1871-72. South Rewah	Salary and allowances	7,800	0 0	
...	...	...	...	...							1872-73. Narbada Valley	Extra travelling, etc.	851	0 0	
...	...	...	...	...							1873-74. Rajpootana	...	...	...	8,651 0 0
...	...	...	...	...							1871-72. Leave	Salary and allowances	9,060	0 0	
...	...	...	...	...							1872-73. Wardha Coal-field	Extra travelling, etc.	1,555	3 0	
...	...	...	...	...							1873-74. Nagpur & Nizam's territory	N. Doctor's pay, etc.	625	7 9	11,240 10 0
...	...	...	...	...							1871-72. Chota Nagpur	Salary and allowances	7,740	0 0	
...	...	...	...	...							1872-73. Ditto	Extra travelling, etc.	1,445	14 6	
...	...	...	...	...							1873-74. Satpura	N. Doctor's pay, etc.	498	5 9	9,684 4 3
...	...	...	...	...							1871-72. Salt-range, at Kohat, Hazara.	Salary and allowances	2,114	0 0	
...	...	...	...	...							1872-73. On sick leave	Extra travelling, etc.	0	0 0	
...	...	...	...	...							1873-74. Ditto	...	...	...	2,114 0 0
...	...	...	...	...							1871-72. At Museum and Office	Salary	6,000	0 0	
...	...	...	...	...							1872-73. Ditto	...	...	...	
...	...	...	...	...							1873-74. Ditto	Allowances	1,800	0 0	7,800 0 0
...				
...	...	...	...	...							1871-72. Chanda, Tenasserim Province	Salary and allowances	9,250	0 0	
...	...	...	...	...							1872-73. Tenasserim Province	...	...	...	
...	...	...	...	...							1873-74. Ditto ditto	Allowances	3,360	0 0	12,610 0 0
...	...	...	...	...							1871-72. At Office and Museum	Salary	...	...	3,000 0 0
...	...	...	...	...							1872-73. Ditto ditto	...	...	...	Local allowances, if any, un-
...	...	...	...	...							1873-74. Ditto ditto	...	...	...	known.
...	...	...	...	...							1873-74. Office	Salary	...	...	360 0 0
...	...	...	...	...							1874. Ditto	Ditto	...	...	84 3 1
...	...	...	...	...							1874. Ditto	Ditto	...	...	84 3 1
...	...	...	...	...							1871. Ditto	Ditto	...	...	84 3 1

NOTE—The "annual cost" as given above, is the cost for twelve months, from 1st April 1873 to 31st March 1874.

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

