
LISTS OF OFFICERS
IN THE
SURVEY DEPARTMENTS
ON THE
1st APRIL 1875.

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Classified List of Officers of the Topographical and Revenue Survey Departments as it stood on the 1st April 1875.

No. sanctioned.	No. existing in each grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.	Consolidated Salary.	REMARKS.
		ADMINISTRATIVE STAFF.			Rs. A. P.	
1	1	Col. H. L. Thuillier, s. c. I., F. B. S.	Survvr. Genl. of India and Supdt. of Topographical Surveys.	...	3,000 0 0	
1	1	Col. J. E. Gastrell, s. c., P. C. ...	Dy. Survvr. Genl. and Supdt. of Revenue Surveys, Upper Circle.	...	2,000 0 0	
1	1	<i>Col. D. C. Vanrenen</i> , B. A., P. H.	Ditto, Lower Circle ...	...	.....	On furlough.
1	...	Lt.-Col. John Macdonald, s. c., P. H.	Offg. ditto ...	...	2,000 0 0	
1	...	Vacant ...	1st Asst. Survvr. Genl.	...	.....
1	1	J. O. N. James, Esq. ...	2nd ditto ...	...	900 0 0	
1	1	Capt. J. Waterhouse, s. c. ...	3rd ditto ...	...	750 0 0	
		TOPOGRAPHICAL SURVEY DEPARTMENT.				
		SENIOR BRANCH.				
1	...	<i>Dy. Supdt., 1st grade, maxm. salary Rs. 1,600, plus pay proper to Engr. Officers.</i>				
1	1	Col. G. H. Saxton, s. c. H. ...	Dy. Supdt., 1st grade	...	.....	On furlough.
		Lt.-Col. G. C. Depree, s. c., P. H.	Ditto ...	No. 4 or N. E. Division, C. P. Survey.	1,600 0 0	
2	...	<i>Dy. Supdts., 2nd grade, maxm. salary Rs. 1,300, plus pay proper to Engr. Officers.</i>				
1	1	Capt. W. G. Murray, s. c., P. H.	Dy. Supdt., 2nd grade	...	.....	On 2 years' furlough up to 14th February 1874; obtained an extension of 6 months' leave, vide Milly. Dept. Notification No. 228, dated 2nd March 1875.
		Capt. Geo. Strahan, B. E., P. H. ...	Ditto ...	No. 7 or Rajpootana and Simla Survey.	1,283 10 0	
		Maj. H. H. Godwin-Austen, s. c., P. H.	Ditto ...	No. 6 or Khasia, Garo and Naga Hills Survey.	1,300 0 0	
3	...	<i>Dy. Supdts., 3rd grade, maxm. salary Rs. 1,000, plus pay proper to Engr. Officers.</i>				
1	1	Capt. R. V. Riddell, B. E., P. H.	Dy. Supdt., 3rd grade	...	1,283 10 0	On furlough for 17 months, from 26th March 1875, vide G. O. C. C. No. 149, dated 10th February 1875.
2	2	Capt. Charles Strahan, B. E. ...	Ditto ...	No. 1 or Gwalior and C. I. Survey.	1,133 10 0	
		J. O. N. James, Esq. ...	...	...	.....	See Administrative Staff.
3	3	F. B. Girdlestone, Esq. ...	Ditto ...	...	900 0 0	On furlough for 2 years, from 10th October 1874, vide H. A. & C. Dept. Notification No. 9, dated 5th January 1875.
		REVENUE SURVEY DEPARTMENT.				
		SENIOR BRANCH.				
3	...	<i>Dy. Supdts., 1st grade, maxm. salary Rs. 1,600, plus pay proper to Engr. Officers.</i>				
1	1	Lt.-Col. J. Macdonald, s. c., P. H.	Dy. Supdt., 1st grade	...	.....	See Administrative Staff.
		Col. H. C. Johnstone, C. B., s. c., P. H.	Ditto ...	1st or Dera Ismail Khan District Survey, Punjab.	1,627 14 0	Rs. 27-14-0 as personal allowance.
2	2	Lt.-Col. F. C. Anderson, s. c., P. H.	Ditto ...	5th or Banda District Survey, N. W. P.	1,627 14 0	Ditto ditto.
5	...	<i>Dy. Supdts., 2nd grade, maxm. salary Rs. 1,300, plus pay proper to Engr. Officers.</i>				
1	1	Major A. D. Vanrenen, s. c., P. H.	Dy. Supdt., 2nd grade	...	.....	On furlough.
		Lt.-Col. R. E. Oakes, s. c., P. H. ...	Ditto ...	8th or Shahabad Dist. Survey, Behar.	1,600 0 0	Offg. in the 1st grade.
2	2	R. B. Smart, Esq. ...	Ditto ...	7th or Hamirpur Dist. Survey, N. W. P.	1,000 0 0	
3	3	Major J. Seonco, s. c., P. H. ...	Ditto ...	12th or Midnapore District Survey, Bengal.	1,167 7 8	
4	4	W. Lane, Esq. ...	Ditto ...	9th or Azamgarh Dist. Survey, N. W. P.	1,000 0 0	

Classified List of Officers of the Topographical and Revenue Survey

No. sanctioned. No. existing in each grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.	Consolidated Salary.	REMARKS.
REVENUE SURVEY DEPARTMENT—contd.					
SENIOR BRANCH—contd.					
6	<i>Dy. Supdts., 3rd grade, maxm. salary Rs. 1,000, plus pay proper to Engr. Officers.</i>			Rs. A. P.	
1	Major D. Macdonald, s. c., P. H. ...	Dy. Supdt., 3rd grade	13th or Goalpara District Survey, Assam.	1,300 0 0	Offg. in the 2nd grade.
2	Capt. F. Coddington, s. c., P. H. ... " W. Barron, s. c., P. H. ...	Ditto	4th or Moradabad Dist. Survey, N. W. P.	974 1 6	On furlough for 1 year. Notn. Milly. Dept. No. 509, dated 18th March 1875.
3	Major H. C. B. Tanner, Bombay, s. c., P. H.	Ditto	11th or 2nd Deccan Topographical Survey, Bombay.	1,000 0 0	
4	E. T. S. Johnson, Esq. ... Capt. J. H. W. Osborne, late 44th N. I., P. H.	Ditto	6th or Agra Dist. Surv., N. W. P.	800 0 0	On furlough.
TOPOGL. AND REVENUE SURVEY DEPTS.					
SENIOR BRANCH.					
8	<i>Asst. Supdts., 1st grade, maxm. salary Rs. 750, plus pay proper to Engr. Officers.</i>				
1	Capt. D. C. Andrew, s. c., P. H. ...	Asst. Supdt., 1st grade	3rd or Bhawalpur State Survey, Punjab.	974 1 6	Offg. 3rd grade, Depy. Supdt.
2	" W. H. Wilkins, s. c., P. H.	Ditto	2nd or Gurgaon Dist. Survey, Punjab.	974 1 6	Ditto.
3	J. Campbell, Esq. ...	Ditto	14th or Ganges Dearah Survey, Bengal.	800 0 0	Ditto.
4	Capt. E. W. Samuells, s. c., P. H.	Ditto	...	750 0 0	On special duty, Nepal Frontier Survey.
5	" W. F. Badgley, s. c., P. H. ...	Ditto	No. 6, or Khasi and Garo Hills Survey.	974 1 6	Offg. 3rd grade, Deputy Superintendents.
6	" W. J. Stewart, s. c., P. H. ...	Ditto	13th or Goalpara Dist. Survey, Assam.	750 0 0	
7	" J. E. Sandeman, s. c., P. H.	Ditto	8th or Shahabad Dist. Survey, Behar.	750 0 0	
8	Lieut. T. H. Holdich, B. E., L. S.	Ditto	In charge No. 3, or Central Provinces and Vizagapatam Agency Survey.	820 0 0	
9	Capt. J. Waterhouse, s. c., P. H. H. Horst, Esq.	Asst. Supdt., 1st grade	In charge No. 2, or Khandesh and Bombay Native States Survey.	700 0 0	See Administrative Staff.
10	Capt. H. L. Smith, s. c., P. H. ...	Ditto	4th or Moradabad Dist. Survey, N. W. P.	750 0 0	
11	H. B. Talbot, Esq., L. S. ...	Ditto	6th or Agra Dist. Surv., N. W. P.	600 0 0	
12	Capt. J. R. Wilmer, s. c., H. S. ...	Ditto	In charge No. 5, Topographical Survey, Bhopal and Malwa Survey.	750 0 0	
8	<i>Asst. Supdts., 2nd grade, maxm. salary Rs. 600, plus pay proper to Engr. Officers.</i>				
1	Capt. H. S. Cowan, s. c., P. H. ...	Asst. Supdt., 2nd grade	3rd or Bhawalpur State Survey, Punjab.	750 0 0	Offg. in the 1st grade.
2	" H. S. Hutchinson, s. c., P. H.	Ditto	11th or 2nd Deccan Topogl. Survey, Bombay.	750 0 0	Ditto.
3	E. C. Barrett, Esq., H. S. ...	Ditto	7th or Hamirpur Dist. Survey, N. W. P.	450 0 0	
4	E. J. Jackson, Esq., L. S. ...	Ditto	14th or Ganges Dearah Survey, Bengal.	450 0 0	On detached duty, Cachar Tea Grants Survey.
5	Capt. E. H. Steel, s. c., H. S. ...	Ditto	5th or Banda Dist. Survey, N. W. P.	624 1 6	Rs. 24-1-6, Personal Allowance.
6	" R. Beavan, s. c., P. H. ...	Ditto	1st or Dera Ismail Khan Dist. Survey, Punjab.	624 1 6	Ditto.
7	H. E. Gastrell, Esq., L. S. ...	Ditto	12th or Midnapore Dist. Survey, Bengal.	450 0 0	On detached duty, Projecting Waste Lands Survey.
8	G. H. Cooke, Esq., L. S. ...	Ditto	9th or Azamgarh Dist. Survey, N. W. P.	450 0 0	
7	<i>Asst. Supdts., 3rd grade, maxm. salary Rs. 500, plus pay proper to Engr. Officers.</i>				
<i>Civil Officers—Rs. 400.</i>					
1	Lieut. R. G. Woodthorpe, B. E., L. S.	Asst. Supdt., 3rd grade	No. 6, or Khasi and Garo Hills	570 0 0	
2	" E. P. Lench, B. E., L. S. ...	Ditto	No. 7, or Rajpootana Survey ...	570 0 0	
3	Capt. W. L. Wavell, s. c., P. H. ...	Ditto	2nd or Gurgaon Dist. Survey, Punjab.	624 1 6	Rs. 124-1-0, Personal Allowance.
4	Lieut. G. W. Martin, s. c., H. S. ...	Ditto	10th or 1st Deccan Topogl. Survey, Bombay.	500 0 0	
5 & 6	Lieut. A. J. C. Scott, s. c., H. S. Vacant, owing to Officers on furlough. Lieut. J. R. Hobday, s. c., H. S. ...	Ditto	...	500 0 0	On furlough for 2 years.
			No. 1, or Gwalior and Central India Topogl. Survey.	500 0 0	

Departments as it stood on the 1st April 1875—continued.

No. sanctioned. No. existing in each grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.	Consolidated Salary.	REMARKS.
	TOPOGRAPHICAL SURVEY DEPARTMENT.			Rs. A. P.	
	JUNIOR BRANCH.				
	SURVEYORS.				
3	1st grade—Salary Rs. 500.				
1	Mr. N. A. Belletty	Surveyor, 1st grade ...	On duty at Head-Quarters ...	500 0 0	
2	" J. F. Baness	Ditto ...	On duty as Chief Draftsman at Head-Quarters Office.	600 0 0	Supernumerary.
2	" A. C. Chamarett	Ditto ...	On duty at Head-Quarters Office	a 500 0 0	(a) Exclusive of Rs. 45 as Presidency house-rent. On furlough for 2 years, from 3rd Nov. 1873.—Supernu- merary.
3	" H. J. Bolst	Ditto ...	... ..	500 0 0	
4	2nd grade—Salary Rs. 400.				
1	Mr. G. A. McGill	Surveyor, 2nd grade	No. 2, or N. E. Divn., C. P. Surv.	b 500 0 0	(b) Offg. Surveyor, 1st grade, from 1st January 1873.
2	" D. Atkinson	Ditto ...	No. 2, or Khandesh and Bombay Native States Survey.	400 0 0	
3	" J. A. Vanderputt	Ditto ...	No. 4, or N. E. Divn., C. P. Surv.	400 0 0	
4	" R. W. Chew	Ditto ...	No. 2, or Khandesh and Bombay Native States Survey.	400 0 0	
3	3rd grade—Salary Rs. 350.				
1	Mr. J. Harper	Surveyor, 3rd grade ...	No. 3, or C. P. and Vizagapatam Agency Survey.	350 0 0	
2	" A. J. Wilson, L. s.	Ditto ...	No. 2 Topogl. Party, Khandesh and Bombay Native States Survey.	350 0 0	
3	" J. A. May	Ditto ...	No. 3, or C. P. and Vizagapatam Agency Survey.	350 0 0	
4	4th grade—Salary Rs. 300.				
1	Mr. F. Adams	Surveyor, 4th grade ...	No. 3, or C. P. and Vizagapatam Agency Survey.	300 0 0	
2	" R. D. Farrell	Ditto ...	No. 1, or Gwalior & C. I. Survey	300 0 0	
3	" E. S. P. Atkinson	Ditto ...	No. 7, or Rajpootana and Simla Survey.	300 0 0	
4	" M. J. Ogle	Ditto ...	No. 6, or Khasi and Garo Hills Survey.	300 0 0	
5	" A. G. Wyatt	Ditto ...	No. 2, or Khandesh & Bombay Native States Survey.	300 0 0	
	ASSISTANT SURVEYORS.				
9	1st grade—Salary Rs. 250.				
1	Mr. C. F. Hamer	Asst. Survr., 1st grade	No. 5, or Bhopal & Malwa Surv.	250 0 0	
2	" C. A. R. Scanlan	Ditto ...	No. 1, or Gwalior & C. I. Survey	250 0 0	
3	" R. Todd	Ditto ...	No. 7, or Rajpootana and Simla Survey.	250 0 0	
4	" A. Chennell	Ditto ...	No. 6, or Khasi and Garo Hills Survey.	250 0 0	
5	" C. Tapsell	Ditto ...	No. 7, or Rajpootana and Simla Survey.	250 0 0	
6	" A. James	Ditto ...	No. 4, or N. E. Divn., C. P. Surv.	250 0 0	
7	" T. E. M. Claudius	Ditto ...	No. 3, or C. P. and Vizagapatam Agency Survey.	250 0 0	
8	" F. Kitchen	Ditto ...	No. 7, or Rajpootana and Simla Survey.	250 0 0	
9	" W. Stotesbury	Ditto ...	Ditto ...	250 0 0	
9	2nd grade—Salary Rs. 200.				
1	Mr. J. A. Barker	Asst. Survr., 2nd grade	No. 4, or N. E. Divn., C. P. Surv.	200 0 0	
2	" E. A. Wainright	Ditto ...	No. 5, or Bhopal & Malwa Surv.	200 0 0	
3	" W. J. Cornelius, L. s.	Ditto ...	No. 1, or Gwalior & C. I. Surv.	200 0 0	
4	" W. W. McNair	Ditto ...	No. 7, or Rajpootana and Simla Survey.	200 0 0	
5	" W. F. Pettigrew	Ditto ...	No. 3, or C. P. and Vizagapatam Agency Survey.	200 0 0	On leave from 7th Novem- ber 1874.
6	" P. J. W. Dorau, L. s.	Ditto ...	No. 1, or Gwalior & C. I. Surv.	200 0 0	
7	" H. T. Kitchen	Ditto ...	No. 5, or Bhopal & Malwa Surv.	200 0 0	
8	" A. Cooper	Ditto ...	No. 3, or C. P. and Vizagapatam Agency Survey.	200 0 0	Served previously in the Tegu Survey from 22nd Jan. 1863.
9	" J. H. Wilson	Ditto ...	No. 4, or N. E. Divn., C. P. Surv.	200 0 0	
9	3rd grade—Salary Rs. 160.				
1	Mr. W. H. Lilley	Asst. Survr., 3rd grade	No. 5, or Bhopal & Malwa Surv.	160 0 0	
2	" W. Robert	Ditto ...	No. 6, or Khasi & Garo Hills Survey.	160 0 0	
3	" F. E. Warde	Ditto ...	No. 7, or Rajpootana and Simla Survey.	160 0 0	
4	" C. T. Templeton	Ditto ...	No. 1, or Gwalior & C. I. Surv.	160 0 0	
5	" J. McCay	Ditto ...	No. 6, or Khasi & Garo Hills Survey.	160 0 0	
6	" W. C. G. Barkley	Ditto ...	No. 2, or Khandesh and Bombay Native States Survey.	160 0 0	
7	} Vacant.				
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Classified List of Officers of the Topographical and Revenue Survey

No. sanctioned. No. existing in each grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.	Consolidated Salary.	REMARKS.
	TOPOGRAPHICAL SURVEY DEPARTMENT—contd.			Rs. A. P.	
	JUNIOR BRANCH—contd.				
	ASSISTANT SURVEYORS—contd.				
8 ...	<i>4th grade—Salary Rs. 120.</i>				
1	Mr. Geo. Vander Beek ...	Asst. Survr., 4th grade	No. 3, or C. P. and Vizagapatam Agency Survey.	120 0 0	
2	" W. M. Kelly ...	Ditto ...	No. 1, or Gwalior and C. I. Surv.	120 0 0	
3	" J. Murray ...	Ditto ...	No. 5, or Bhopal & Malwa Surv.	120 0 0	
4	" A. Kitchen ...	Ditto ...	Ditto ...	120 0 0	
5	" P. White ...	Ditto ...	No. 7, or Rajpootana & Simla Survey.	120 0 0	
6	" T. Downes ...	Pro. Asst. Survr., 4th grade.	No. 5, or Bhopal & Malwa Surv.	120 0 0	
7	" E. Graham ...	Ditto ...	No. 2, or Khadesh and Bombay Native States Survey.	120 0 0	
8	" G. L. Fleming ...	Ditto ...	No. 4, or N. E. Divn., C. P. Surv.	120 0 0	
9	" G. R. Copping ...	Ditto ...	No. 5, or Bhopal & Malwa Surv.	120 0 0	
10	" G. A. Knight ...	Ditto ...	No. 1, or Gwalior & C. I. Surv.	120 0 0	
11	" Duncan Campbell ...	Ditto ...	No. 3, or Central Provinces and Vizagapatam Agency Survey.	120 0 0	
	REVENUE SURVEY DEPT. JUNIOR BRANCH. SURVEYORS.				
	<i>1st grade—Salary Rs. 500.</i>				
2	1 Mr. George Housden ...	Reve. Surveyor, 1st grade.	1st or Dera Ismail Khan District Survey, Punjab.	500 0 0	Exclusive of Rs. 15, half-scale local allowance, whilst in the field.
	2 " William Henry Patterson, L. S.	Ditto ...	... ..	500 0 0	On deputation to Dorrang Lakhranj Holdings Survey. Exclusive of Assam and deputation allowance Rs. 150.
	<i>2nd grade—Salary Rs. 400.</i>				
4	8 Mr. Frederick William Kelly, R. S.	Reve. Surveyor, 2nd grade.	... ..	400 0 0	Exclusive of personal allowance, Rs. 100. Supernumerary.—Doing duty in Head-Quarters' Office.
	1 " Charles William Campbell ...	Ditto ...	5th or Banda District Survey, N. W. P.	400 0 0	
	2 " Edward Loftie ...	Ditto ...	2nd or Gurgaon District Survey, Punjab.	400 0 0	
	3 " George Henry Blythe ...	Ditto ...	Ditto Ditto ...	400 0 0	
	4 " Frederick Grant ...	Ditto ...	8th or Shahabad District Survey, Behar.	400 0 0	
	<i>3rd grade—Salary Rs. 350.</i>				
8	1 Mr. William Sinclair ...	Reve. Surveyor, 3rd grade.	4th or Moradabad District Survey, N. W. P.	350 0 0	
	2 " Constantine Brownfield, L. S.	Ditto ...	7th or Hamirpur District Survey, N. W. P.	350 0 0	
	8 " Arthur David Smart ...	Ditto ...	... ..	350 0 0	Supernumerary.—Doing duty in Head-Quarters' Office.
	3 " Robert Barclay ...	Ditto ...	3rd or Bhawalpur State Survey, Punjab.	350 0 0	
	4 " James Todd ...	Ditto ...	12th or Midnapore District Survey, Bengal.	350 0 0	
	5 " Patrick Augustus George Cowley, L. S.	Ditto ...	6th or Agra Dist. Surv., N. W. P.	350 0 0	
	6 " Charles David ...	Ditto ...	12th or Midnapore District Survey, Bengal.	350 0 0	
	7 } Vacant.				
	8 }				
	<i>4th grade—Salary Rs. 300.</i>				
14	1 Mr. George Rae ...	Reve. Surveyor, 4th grade.	8th or Shahabad District Surv., Behar.	300 0 0	Exclusive of full-scale local allowance, Rs. 30.
	2 " Samuel Mack Smylie ...	Ditto ...	11th or 2nd Deccan Topographical Survey, Bombay.	300 0 0	On special duty for settling boundary disputes.
	3 " Jas. Stewart Pemberton, L. S.	Ditto ...	2nd or Gurgaon District Survey, Punjab.	300 0 0	Exclusive of Assam allowance, Rs. 50.
	4 " William Robert Vvall ...	Ditto ...	13th or Goalpara District Survey, Assam.	300 0 0	
	5 " Henry Ross Littlewood ...	Ditto ...	9th or Azamgarh District Surv., N. W. P.	300 0 0	
	6 " Wm. Alexander Wilson, L. S.	Ditto ...	14th or Ganges Dearah Survey, Bengal.	300 0 0	
	7 " William Samuel Buttress ...	Ditto ...	1st or Dera Ismail Khan District Survey, Punjab.	300 0 0	Exclusive of Rs. 15, half-scale local allowance, whilst in the field.

* Mr. John Allan Swyny, L. S., Revenue Surveyor, 3rd grade, died on the 26th May 1874.

Departments as it stood on the 1st April 1875—continued.

No. sanctioned. No. existing in each grade.	NAMES.	Substantive Appoint- ment.	Survey Party to which at present attached.	Consolidated Salary.	REMARKS.	
	REVENUE SURVEY DEPARTMENT—contd.			Rs. A. P.		
	JUNIOR BRANCH—contd.					
	SURVEYORS—contd.					
	4th grade—contd.					
8	Mr. George Robert Buttress ...	Reve. Survr., 4th grade	8th or Shahabad District Sur- vey, Behar.	300 0 0		
9	„ Thomas Wilfred Reilly L. S.	Ditto ...	11th or 2nd Deccan Topogra- phical Survey, Bombay.	300 0 0	Exclusive of full-scale local allowance, Rs. 36.	
10	„ Alexander Macdonald Lawson, L. S.	Ditto ...	10th or 1st Deccan Topogl. Sur- vey, Bombay.	300 0 0	Exclusive of full-scale local allowance, Rs. 36.	
11	„ Andrew John Gibson ...	Ditto ...	3rd or Bhawalpur State Survey, Punjab.	300 0 0		
12	„ Henry Dowman ...	Ditto ...	7th or Hamirpur Dist. Survey, N. W. P.	300 0 0		
13	„ Edwin Little ...	Ditto ...	7th or Hamirpur Dist. Surv., N. W. P.	300 0 0		
14	„ Henry Townsend Hauby, L. S.	Ditto ...	4th or Moradabad Dist. Surv., N. W. P.	300 0 0		
15	„ George Batley Scott, L. S., ...	Ditto ...	13th or Goalpara Dist. Surv., Assam.	300 0 0	Exclusive of Assam allowance, Rs. 60.	
	ASSISTANT SURVEYORS.					
	1st grade—Salary Rs. 250.					
6	1 Mr. John Nathaniel Stoelké ...	Asst. Reve. Survr., 1st grade.	13th or Goalpara Dist. Surv., Assam.	250 0 0	Exclusive of Assam allowance, Rs. 60.	
	2 „ James Hoppner O'Donel ...	Ditto ...	6th or Agra Dist. Surv., N. W. P.	250 0 0		
	3 „ Phillip Ford L. S. ...	Ditto ...	2nd or Gurgaon Dist. Surv., Punjab.	250 0 0		
	4 „ Daniel Arthur King ...	Ditto ...	7th or Hamirpur Dist. Surv., N. W. P.	250 0 0		
	5 „ Robert Boddington Smart, L.S.	Ditto ...	1st or Dera Ismail Khan Dist. Surv., Punjab.	250 0 0	Exclusive of Rs. 15, half-scale local allowance, whilst in the field.	
	6 „ Edward Wrafter Lincoln ...	Ditto ...	13th or Goalpara Dist. Surv., Assam.	250 0 0	Exclusive of Assam allowance, Rs. 40.	
	S „ James Connor ...	Ditto ...	...	250 0 0	Supernumerary.—Doing duty in Head Quarters' Office.
	S „ Thomas Henry Dunne ...	Ditto ...	...	250 0 0	Ditto ditto.
	7 „ William James Lane ...	Ditto ...	9th or Azamgarh Dist. Surv., N. W. P.	250 0 0		
	2nd grade—Salary Rs. 200.					
a	11	1 Mr. John Thomas Uniacke Coxen	Asst. Reve. Survr., 2nd grade.	13th or Goalpara Dist. Surv., Assam.	200 0 0	Exclusive of Assam allowance, Rs. 40.
	S	„ Thomas Dearman Moran ...	Ditto	200 0 0	Supernumerary.—Temporarily transferred to Civil De- partment for Cooh Behar Khusra Survey.
		2 „ John Newland, L. S. ...	Ditto ...	10th or 1st Deccan Topogl. Surv., Bombay.	200 0 0	Exclusive of full-scale local allowance, Rs. 24.
		3 „ Thomas Patterson ...	Ditto	200 0 0	On furlough.
		4 „ Richard Cunningham Dundee Ewing, L. S.	Ditto ...	14th or Ganges Dearah Surv., Bengal.	200 0 0	
		5 „ George Wilson Jarbo ...	Ditto ...	5th or Banda Dist. Surv., N. W. P.	200 0 0	
		6 „ James Reid Scott, L. S. ...	Ditto ...	Ditto ditto.	200 0 0	
		7 „ John McHatton, L. S. ...	Ditto ...	9th or Azamgarh Dist. Surv., N. W. P.	200 0 0	
		8 „ William James Smith ...	Ditto ...	1st or Dera Ismail Khan Dist. Surv., Punjab.	200 0 0	Exclusive of Rs. 12, half- scale local allowance, whilst in the field.
		9 „ Septimus Oswald Madras ...	Ditto ...	4th or Moradabad Dist. Surv., N. W. P.	200 0 0	
		10 „ Thomas Frederick Freeman, L. S.	Ditto ...	14th or Ganges Dearah Surv., Bengal.	200 0 0	
		11 „ George Carleton Swiney ...	Ditto ...	12th or Midnapore Dist. Surv., Bengal.	200 0 0	
	3rd grade—Salary Rs. 160.					
b	15	1 Mr. Charles Walker Wilson, L.S....	Asst. Reve. Survr., 3rd grade.	14th or Ganges Dearah Surv., Bengal.	160 0 0	
		2 „ Charles Walter Franklin Feyers.	Ditto ...	Ditto ditto.	160 0 0	
		3 „ George Bartlett Youngs ...	Ditto ...	8th or Shahabad Dist. Surv., Behar.	160 0 0	
		4 „ Alfred Collimore Wilson Lemarchand, L. S.	Ditto ...	10th or 1st Deccan Topogl. Survey, Bombay.	160 0 0	Exclusive of local allowance, Rs. 10-3-2.
		5 „ John Sidney Swiney ...	Ditto ...	6th or Agra Dist. Surv., N. W. P.	160 0 0	

a. Includes 1 Leveler.

b. Includes 2 Levelers.

Classified List of Officers of the Topographical and Revenue Survey Departments as it stood on the 1st April 1875 —concluded.

No. sanctioned. No. existing in each grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.	Consolidated Salary.	REMARKS.
	REVENUE SURVEY DEPARTMENT—contd.			Rs. A. P.	
	JUNIOR BRANCH—contd.				
	ASSISTANT SURVEYORS—contd.				
	3rd grade—continued.				
6	Mr. George Latter Rodway Scott, L. s.	Asst. Reve. Surveyor, 3rd grade.	6th or Agra District Survey N. W. P.	160 0 0	
7	„ James O'Toole ...	Ditto ...	13th or Goalpara Dist. Surv., Assam.	160 0 0	Exclusive of Assam allowance, Rs. 40.
8	„ William Joseph Lincoln, L. s.	Ditto ...	4th or Moradabad Dist. Surv., N. W. P.	160 0 Q	
9	„ Benjamin Anderson L. s. ...	Ditto ...	2nd or Gurgaon Dist. Survey, Punjab.	160 0 0	
10	„ Thomas Shaw, L. s. ...	Ditto ...	8th or Shahabad Dist. Surv., Behar.	160 0 0	
11	„ William Henry Penrose ...	Ditto ...	11th or 2nd Deccan Topog. Survey.	160 0 0	Exclusive of full-scale local allowance, Rs. 10-3-2.
12	„ Edmund James Martin ...	Ditto ...	6th or Agra Dist. Surv., N. W. P.	160 0 0	
13	„ William Dease Corbett ...	Ditto ...	7th or Hamirpur Dist. Surv., N. W. P.	160 0 0	
14	„ George Edwin Parker ...	Ditto ...	12th or Midnapore Dist. Surv., Bengal.	160 0 0	
15	„ George Campbell ...	Ditto ...	7th or Hamirpur Dist. Surv., N. W. P.	160 0 0	
	PROBATIONARY ASST. SURVEYORS.				
	4th grade—Salary Rs. 120.				
a 21	1 Mr. John Murphy ...	Proby. Asst. Revenue Surveyor, 4th grade.	5th or Banda District Survey, N. W. P.	120 0 0	
	2 „ Charles Wyatt Joseph Ford, L. s.	Ditto ...	4th or Moradabad Dist. Surv., N. W. P.	120 0 0	
	3 „ Arthur William Smart ...	Ditto ...	6th or Agra District Survey, N. W. P.	120 0 0	
	4 „ George Hugh O'Donel ...	Ditto ...	4th or Moradabad Dist. Surv., N. W. P.	120 0 0	
	5 „ Henry George Young, H. s.	Ditto ...	5th or Banda District Survey, N. W. P.	120 0 0	
	6 „ Percival Edwin Heberlet ...	Ditto ...	3rd or Bhawalpur State Surv., Punjab.	120 0 0	
	7 „ Percy Sheels Ross ...	Ditto ...	Ditto ditto.	120 0 0	
	8 „ Bruce Macdonald Wilson ...	Ditto ...	12th or Midnapore District Survey, Bengal.	120 0 0	
	9 „ Elliot Playfair Smyth Hill	Ditto ...	4th or Moradabad District Survey, N. W. P.	120 0 0	
	10 „ Edmund Hume Stephen Gasper.	Ditto ...	12th or Midnapore District Survey, Bengal.	120 0 0	
	11 „ Henry Charles Bradley ...	Ditto ...	1st or Dera Ismail Khan Dist. Survey, Punjab.	120 0 0	Exclusive of Rs. 10-12-9, half-scale local allowance, whilst in the field.
	12 „ Richard Randall Dickinson	Ditto ...	10th or 1st Deccan Topog. Survey, Bombay.	120 0 0	Exclusive of full-scale local allowance, Rs. 21-9-7.
	13 „ Thomas Anderson ...	Ditto ...	9th or Azamgarh Dist. Survey, N. W. P.	120 0 0	
	14 „ Edward Bolderodi Montebello Drew.	Ditto ...	5th or Banda District Survey, N. W. P.	120 0 0	
	15 „ Paul Agabeg Peters, L. s. ...	Ditto ...	1st or Dera Ismail Khan District Survey, Punjab.	120 0 0	
	16 „ Henry Reed Adels ...	Ditto ...	14th or Ganges Dearah Survey, Bengal.	120 0 0	
	17 „ Charles Samuel Kraal ...	Ditto ...	2nd or Gurgaon Dist. Survey, Punjab.	120 0 0	
	18 „ Conly Thomas James Dease	Ditto ...	3rd or Bhawalpur State Surv., Punjab.	120 0 0	
	19 „ John Oliver Pereira ...	Ditto ...	12th or Midnapore Dist. Surv., Bengal.	120 0 0	
20 21	} Vacant.				

a. Includes 1 Leveler and 4 additional Assistants sanctioned to strengthen $\frac{1}{2}$ parties.

General List of the Officers of the Topographical and

1	2	3	4	5	6	7
Genl. Seniority Number.	NAMES.	Passed in Vernacular.	Age.	Rank.	Grade.	Salary.
			Y. M. D.			Rs. A. P.
1	Mr. William Lane ... ..	...	53 6 6	Depty. Supdt., Revenue Survey ...	2nd grade...	1,000 0 0
2	„ James Campbell ... ..	...	47 3 0	Asst. Supdt., Revenue Survey ...	1st grade ...	800 0 0
3	„ J. O. N. James ... ..	...	45 7 24	Asst. Surveyor General ...	2nd grade...	900 0 0
4	„ R. B. Smart ... ..	...	48 1 13	Depty. Supdt., Revenue Survey ...	Ditto ...	1,000 0 0
5	Colonel D. C. Vanrenen	P. H.	52 10 15	Supdt. of Reve. Surv., Lower Circle ...	...	.....
6	Mr. G. H. Blythe ... ..	...	45 6 9	Revenue Surveyor ...	2nd grade ...	400 0 0
7	„ E. Loftie ... ..	...	47 5 25	Ditto ...	Ditto ...	400 0 0
8	„ G. Housden ... ..	...	44 3 0	Ditto ...	1st grade ...	500 0 0
9	„ N. A. Belletty ... ..	...	46 6 26	Topographical Surveyor ...	Ditto ...	500 0 0
10	„ C. David ... ..	...	47 3 15	Revenue Surveyor ...	3rd grade ...	350 0 0
11	„ E. T. S. Johnson ... ..	...	46 11 17	Deputy Supdt., Revenue Survey ...	Ditto ...	800 0 0
12	„ H. B. Talbot	L. S.	46 5 20	Assistant Supdt., Revenue Survey...	2nd grade ...	600 0 0
13	Colonel G. H. Saxton, s. c.	P. H.	55 2 3	Depty. Supdt. of Topogl. Survey ...	1st grade ...	.....
14	Mr. W. H. Patterson ... ..	...	36 1 14	Revenue Surveyor ...	Ditto ...	500 0 0
15	Colonel J. E. Gastrell, s. c.	P. C.	56 2 29	Supdt. of Revenue Surveys, Upper Circle, and Depty. Survr. Genl. ...	...	2,000 0 0
16	Mr. A. C. Chamarett ... ..	...	42 4 1	Topographical Surveyor ...	1st grade ...	500 0 0
17	„ H. J. Bolst ... ..	...	38 1 0	Ditto ...	Ditto ...	500 0 0
18	Lieut. Col. J. Macdonald, s. c.	P. H.	44 11 5	Depty. Supdt., Revenue Survey ...	Ditto ...	2,000 0 0
19	„ „ F. C. Anderson, s. c.	P. H.	47 9 23	Ditto ...	Ditto ...	1,627 14 0
20	Col. H. C. Johnstone, c. n., s. c.	P. H.	51 9 4	Ditto ...	Ditto ...	1,627 14 0
21	Mr. C. W. Campbell ... ..	...	43 11 9	Revenue Surveyor ...	2nd grade ...	400 0 0
22	„ H. Horst ... ..	...	40 10 24	Asst. Supdt., Topogl. Survey ...	Ditto ...	700 0 0
23	Lt. Col. G. C. Deprce, s. c.	P. H.	42 7 28	Depty. Supdt., Topogl. Survey ...	1st grade ...	1,600 0 0
24	Mr. G. A. McGill ... ..	...	36 11 7	Topographical Surveyor ...	2nd grade ...	500 0 0
25	„ W. Siplair ... ..	...	36 6 23	Revenue Surveyor ...	3rd grade ...	350 0 0
26	„ G. R. Buttress ... ..	...	34 8 15	Ditto ...	4th grade ...	300 0 0
27	„ W. R. Vvall ... ..	...	36 3 17	Ditto ...	Ditto ...	300 0 0
28	Major A. D. Vanrenen, s. c.	P. H.	44 1 0	Depty. Supdt., Revenue Survey ...	2nd grade ...	.....
29	Mr. F. Grunt ... ..	...	39 0 21	Revenue Surveyor ...	Ditto ...	400 0 0
30	„ D. Atkinson ... ..	...	36 10 23	Topographical Surveyor ...	Ditto ...	400 0 0
31	„ J. A. Vanderputt ... ..	...	36 5 15	Ditto ...	Ditto ...	400 0 0
32	„ J. F. Baness ... ..	...	44 9 1	Ditto ...	1st grade ...	600 0 0
33	„ R. W. Chew ... ..	...	35 8 8	Ditto ...	2nd grade ...	400 0 0
34	„ C. Brownfield	L. S.	34 8 9	Revenue Surveyor ...	Ditto ...	350 0 0
35	„ R. Barclay ... ..	...	33 9 5	Ditto ...	Ditto ...	350 0 0
36	Captain W. G. Murray, s. c.	P. H.	40 0 21	Depty. Supdt., Topogl. Survey ...	Ditto ...	.....

Revenue Survey Departments on the 1st April 1875.

6	9	10	11	12
Date of first appointment to Department.	Date of appointment to present grade.	Period of service counting for pension on 1st Apl. 1875.	Present Post.	REMARKS.
		Y. M. D.		
Feb. 10, 1837	Mar. 4, 1873	28 6 8	9th or Azamgarh Dist. Revenue Survey, N. W. P.	<p><i>Periods of deductions from service of Mr. W. Larr.</i></p> <p style="text-align: right;">Y. M. D.</p> <p>Service before age of 22 years, from 10th February 1837 to 24th September 1843 ... 6 7 13</p> <p>Portion of sick leave, medical certificate to Europe from 23th September 1843 to 9th June 1844 ... 0 8 15</p> <p>Sick leave from 13th or 16th November 1846 ... 0 0 4</p> <p>Ditto, medical certificate, to Europe, from 21st May 1867 to 11th August 1869 ... 2 2 24</p> <p>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</p> <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> <p style="text-align: right;">9 7 11</p>
Oct. 8, 1844 July 29, 1845	Nov. 29, 1867 April 1, 1869	30 5 24 29 8 3	14th or Ganges Dearah Reve. Surv., Bengal ... Asst. Surveyr. Genl., in charge Cartographic and Engraving Branches, Head Quarters, Calcutta.	<p>Officiating Deputy Superintendent, 3rd grade. Rs. 200 local allowance.</p>
Sept. 21, 1846	Nov. 6, 1868	27 7 9	7th or Hamirpur District Revenue Survey, N. W. P.	<p>Sick leave, from 2nd May to 30th June 1849. Ditto, from 28th October 1848 to 20th January 1849. Ditto, from 8th July 1857 to 13th January 1858. <i>Note.</i>—Absence without leave for three days in October 1853, was erroneously entered in list on the 1st October 1872 against Mr. R. B. Smart's name.</p>
Oct. 3, 1846 Dec. 1, 1846 Jan. 1, 1847 Feb. 18, 1847	Mar. 11, 1867 Jan. 1, 1872 Jan. 1, 1871 July 1, 1867	... 27 11 0 28 3 0 28 1 11	... 2nd or Gurgaon Dist. Reve. Surv., Punjab ... Ditto ditto. 1st or Dera Ismail Khan District Revenue Survey, Punjab.	<p>On furlough, private affairs, for 2 years. Sick leave, from 21st November 1870 to 20th April 1871.</p>
July 16, 1847 Sept. 1, 1847 Oct. 13, 1847 Dec. 1, 1848 April 24, 1849 Dec. 1, 1851	April 1, 1866 Jan. 1, 1872 July 5, 1870 Sept. 12, 1870 April 1, 1866 Jan. 1, 1871	27 8 16 27 7 0 27 5 19 26 4 0 ... 22 6 0	On duty at Head Quarters. 12th or Midnapur Dist. Reve. Surv., Bengal 6th or Agra Dist. Reve. Surv., N. W. P. Ditto ditto ...	<p>Office Asst., from 1st Sept. 1847 to 31st Dec. 1861. Officiating in the 1st grade. On furlough to Europe for 2 years, from 4th Feb. 1874. Private affairs' leave from 1st May to 31st Aug. 1862.—Eur. leave on private affairs, from 20th July 72 to 18th Jan. 73. Permitted to retain appt. until 11th Dec. 75.—Vide R.A.C. Dept. Notification No. 839, dated 19th Dec. 73. Exclusive of Rs. 45 as Presidency house-rent. On furlough for 2 years, from 3rd November 1873.</p>
Jan. 13, 1852	{ Mar. 11, 1867 Dec. 11, 1873 }	{ }	On deputation to Darrang Lakhirj Holding Survey, Assam. Calcutta—Supdt., Revenue Surveys, Upper Circle, and Deputy Surveyor General. Geographical Examiner, Head Quarters ...	<p>On furlough for 2 years, from 1st Dec. 1861.</p>
June 2, 1852 July 26, 1852 Sept. 10, 1852	Mar. 1, 1871 Oct. 1, 1872 April 1, 1866	22 9 29 22 0 8 ...	Calcutta—Officiating Supdt., Revenue Surveys, Lower Circle, and Deputy Surveyor General. 5th or Banda District Revenue Survey, N. W. P.	<p>On furlough for 2 years, from 3rd November 1873.</p>
Ditto ...	April 1, 1868	...	1st or Dera Ismail Khan District Revenue Survey, Punjab.	
May 27, 1853	April 1, 1866	...	1st or Dera Ismail Khan District Revenue Survey, Punjab.	
Nov. 1, 1853 Sept. 1, 1854	July 1, 1870 Oct. 1, 1869	21 5 0 20 7 0	5th or Banda Dist. Reve. Surv., N. W. P. In charge No. 2 or Khandesh and Bombay Native States Topographical Survey.	
Oct. 20, 1854	Oct. 20, 1866	...	No. 4 or North-Eastern Divn., Central Provinces Topographical Survey. Ditto ditto ...	
April 8, 1855	Jan. 1, 1871	19 11 23	Ditto ditto ...	<p>Officiating in the 1st grade, and drawing Rs. 500, from 1st January 1874, viz Mr. Dolst, on furlough.</p>
Oct. 1, 1855 Nov. 1, 1855 June 13, 1856	April 1, 1869 Oct. 31, 1872 April 1, 1869	19 6 0 18 2 17 18 9 18	4th or Moradabad Dist. Reve. Surv., N. W. P. 8th or Shahabad Dist. Reve. Surv., Behar ... 13th or Goalpara District Revenue Survey, Assam.	<p>Sick leave, from 8th to 23rd July 1868. Ditto, from 3rd September 1868 to 30th October 1869.</p>
July 8, 1856 July 11, 1856 Aug. 4, 1856	July 8, 1866 April 1, 1872 Jan. 1, 1871	... 18 8 21 18 7 28	... 8th or Shahabad Dist. Reve. Surv., Behar. No. 2 Topogr. Parly, Khandesh and Bombay Native States Survey.	<p>On furlough, private affairs, for 2 years, from 1st Dec. 1873.</p>
Sept. 1, 1856 Sept. 5, 1856 Sept. 15, 1856	Oct. 1, 1874 May 1, 1870 Oct. 1, 1871	18 7 0 18 6 26 18 6 16	No. 4 or N. E. Divn., C. P. Topogr. Surv. Chief Draftsman, Head Quarters ... No. 2 or Khandesh and Bombay Native States Topographical Survey.	<p>Service reckoned under new rules.</p>
Sept. 20, 1856 Ditto ...	April 1, 1869 Jan. 1, 1871	18 6 11 17 1 2	7th or Hamirpur Dist. Reve. Surv., N. W. P. 3rd or Bhawalpur State Reve. Surv., Punjab	<p>Private affairs, furlough to Europe, from 11th Dec. 1867 to 4th Dec. 1868.—Sick leave, from 9th Nov. 1869 to 19th April 1870. On furlough to Europe, for 2 years, up to 14th February 1871. Since extended for 6 months—Vide Military Department Notification No. 223, dated 26th March 1875.</p>
May 8, 1857	April 1, 1869	...	...

New Pension Code, for all appointments prior to 8th June 1863.

General List of the Officers of the Topographical and Revenue

Survey Departments on the 1st April 1875 — continued.

1	2	3	4	5	6	7
Genl. Seniority Number.	NAMES.	Passed in Vernacular.	Age.	Rank.	Grade.	Salary.
			Y. M. D.			Rs. A. P.
37	Major H. H. Godwin-Austen, s. c.	P. H.	40 8 27	Depy. Supdt., Topogr. Survey	2nd grade ...	1,300 0 0
38	Mr. J. Harper		36 11 15	Topographical Surveyor	3rd grade ...	350 0 0
39	Lieut. Col. R. E. Oakes, s. c.	P. H.	46 1 23	Depy. Supdt., Revenue Survey	2nd grade ...	1,600 0 0
40	Mr. F. W. Kelly	H. S.	41 7 20	Revenue Surveyor	Ditto ...	400 0 0
41	Mr. P. A. G. Cowley	L. S.	33 3 0	Ditto	3rd grade ...	350 0 0
42	Mr. G. Rae		33 3 24	Ditto	4th grade ...	300 0 0
43	Mr. T. W. Reiley	L. S.	32 9 22	Ditto	Ditto ...	300 0 0
44	Major J. Sconce, s. c.	P. H.	39 0 14	Depy. Supdt., Revenue Survey	2nd grade ...	1,167 7 8
45	Mr. E. Little		29 6 4	Revenue Surveyor	4th grade ...	300 0 0
46	Mr. S. M. Smylie		33 4 20	Ditto	Ditto ...	300 0 0
47	Mr. W. S. Buttress		31 1 27	Ditto	Ditto ...	300 0 0
48	Mr. A. J. Wilson	L. S.	32 7 0	Topographical Surveyor	3rd grade ...	350 0 0
49	Mr. J. A. May		32 6 14	Ditto	Ditto ...	350 0 0
50	Mr. F. Adams		38 11 6	Ditto	4th grade ...	300 0 0
51	Mr. R. D. Farrell		31 2 1	Ditto	Ditto ...	300 0 0
52	Mr. J. S. Pemberton	L. S.	31 9 8	Revenue Surveyor	Ditto ...	300 0 0
53	Mr. H. R. Littlewood		31 5 10	Ditto	Ditto ...	300 0 0
54	Captain W. J. Stewart, s. c.	P. H.	37 3 25	Asst. Supdt., Revenue Survey	1st grade ...	750 0 0
55	Major D. Macdonald, s. c.	P. H.	39 4 6	Depy. Supdt., Revenue Survey	3rd grade ...	1,300 0 0
56	Mr. W. A. Wilson	L. S.	31 10 27	Revenue Surveyor	4th grade ...	300 0 0
57	Mr. A. J. Gibson		33 0 15	Ditto	Ditto ...	300 0 0
58	Mr. E. S. P. Atkinson		29 8 5	Topographical Surveyor	Ditto ...	300 0 0
59	Mr. A. G. Wyatt		30 1 5	Ditto	Ditto ...	300 0 0
60	Mr. J. O. Pereira		30 4 24	Proby. Asst. Revenue Surveyor	Ditto ...	120 0 0
61	Captain F. Coddington, s. c.	P. H.	36 10 23	Depy. Supdt., Revenue Survey	3rd grade ...	...
62	Mr. J. H. W. Osborne, late 44th N. I.	P. H.	34 8 24	Ditto ditto	Ditto ...	...
63	Mr. W. Barron, s. c.	P. H.	37 3 0	Ditto ditto	Ditto ...	974 1 6
64	Mr. Geo. Strahan, B. E.	P. H.	36 1 25	Depy. Supdt., Topogr. Survey	2nd grade ...	1,283 10 0
65	Mr. R. V. Riddell, B. E.	P. H.	35 0 18	Ditto ditto	3rd grade ...	1,283 10 0
66	Major H. C. B. Tanner, s. c.	P. H.	39 9 0	Depy. Supdt., Revenue Survey	Ditto ...	1,000 0 0
67	Mr. H. Dowman		28 10 5	Revenue Surveyor	4th grade ...	300 0 0
68	Mr. H. T. Hanby	L. S.	28 5 27	Ditto	Ditto ...	300 0 0
69	Mr. E. C. Barrett	H. S.	32 0 1	Asst. Supdt., Revenue Survey	2nd grade ...	450 0 0
70	Mr. A. M. Lawson	L. S.	36 3 14	Revenue Surveyor	4th grade ...	300 0 0
71	Captain D. C. Andrew, s. c.	P. H.	34 0 28	Asst. Supdt., Revenue Survey	1st grade ...	974 1 6
72	Mr. W. H. Wilkins, s. c.	P. H.	33 6 10	Ditto ditto	Ditto ...	974 1 6
73	Mr. G. B. Scott	L. S.	30 8 15	Revenue Surveyor	4th grade ...	300 0 0
74	Mr. J. T. U. Coxen		34 7 7	Asst. Revenue Surveyor	2nd grade ...	200 0 0
75	Mr. M. J. Ogle		33 0 27	Topographical Surveyor	4th grade ...	300 0 0
76	Mr. F. B. Girdlestone		32 0 0	Depy. Supdt., Topogr. Survey	3rd grade ...	900 0 0
77	Mr. C. F. Hamer		29 4 24	Asst. Topographical Surveyor	1st grade ...	250 0 0
78	Mr. T. D. Moran		28 5 15	Asst. Revenue Surveyor	2nd grade ...	200 0 0
79	Mr. J. N. Stoelke		30 3 0	Ditto	1st grade ...	250 0 0
80	Mr. T. E. M. Claudes		28 10 0	Asst. Topographical Surveyor	Ditto ...	250 0 0
81	Mr. C. A. R. Scanlan		27 6 18	Ditto	Ditto ...	250 0 0
82	Captain Charles Strahan, B. E.		31 10 26	Depy. Supdt., Topographical Survey	3rd grade ...	1,133 10 0
83	Mr. J. H. O'Donel		29 9 0	Asst. Revenue Surveyor	1st grade ...	250 0 0
84	Mr. J. Newland	L. S.	37 8 11	Ditto	2nd grade ...	200 0 0
85	Mr. R. Todd		29 8 19	Asst. Topographical Surveyor	1st grade ...	250 0 0
86	Mr. P. Ford	L. S.	29 4 9	Asst. Revenue Surveyor	Ditto ...	250 0 0
87	Captain E. W. Samuells, s. c.	P. H.	32 9 9	Asst. Supdt., Revenue Survey	Ditto ...	750 0 0
88	Mr. J. Todd		40 11 4	Revenue Surveyor	3rd grade ...	350 0 0
89	Mr. G. Campbell		25 9 4	Assistant Revenue Surveyor	Ditto ...	160 0 0
90	Mr. R. B. Smart	L. S.	27 9 17	Ditto	1st grade ...	250 0 0

NOTE.—Service qualifying for pension calculated under old rules, &c.

8	9	10	11	12
Date of first appointment to Department.	Date of appointment to present grade.	Period of service counting for pension on 1st Apl. 1875.	Present Post.	REMARKS.
		Y. M. D.		
May 8, 1857	Jan. 1, 1868	...	In charge No. 6 or Khasi, Garo and Naga Hills Topographical Survey.	
Aug. 8, 1857	Oct. 1, 1872	16 4 14	No. 3 or Central Provinces and Vizagapatam Agency Topographical Survey.	Service reckoned under new rules, 15 months 10 days, medical leave deducted.
April 7, 1858	April 7, 1867	...	8th or Shahabad District Revenue Survey, Behar.	Officiating Deputy Superintendent, 1st grade.
Aug. 17, 1858	July 1, 1869	16 7 15	Supdt. of Revenue Survey's Office, Calcutta...	(a) Exclusive of personal allowance of Rs. 100.
Sept. 1, 1859	Oct. 1, 1873	15 7 0	6th or Agra Dist. Reve. Surv., N. W. P.	(b) Commencement of second service.
Ditto	April 1, 1872	15 7 0	8th or Shahabad District Revenue Survey, Behar.	
Oct. 18, 1859	Nov. 1, 1872	15 4 2	11th or 2nd Deccan Topogr. Survey, Bombay Presidency.	Absent without leave, from 20th Jan. to 28th Feb. 1861.
Oct. 21, 1859	Nov. 6, 1868	...	12th or Midnapore Dist. Reve. Surv., Bengal.	
Jan. 1, 1860	Nov. 5, 1871	15 3 0	7th or Hamirpur Dist. Reve. Surv., N. W. P.	Apprentice, from 1st Jan. 1860 to 4th Nov. 1862.
July 24, 1860	April 1, 1872	14 8 8	11th or 2nd Deccan Topogr. Survey, Bombay Presidency.	
Sept. 1, 1860	Oct. 1, 1872	14 7 0	1st or Dera Ismail Khan District Revenue Survey, Punjab.	Copyist, from 1st to 30th September 1860.
Oct. 1, 1860	April 1, 1874	14 6 0	No. 2 Topogr. Party, Khandesh and Bombay Native States Survey.	
Ditto	Oct. 1, 1871	14 6 0	No. 3 or Central Provinces and Vizagapatam Agency Topogr. Survey.	
Ditto	Ditto	18 4 20	Ditto ditto	
Ditto	April 1, 1872	14 6 0	No. 1 or Gwalior and C. I. Topogr. Survey.	Including service as Sub-Surveyor, from 3rd November 1860 to 30th September 1860.
Oct. 6, 1860	Ditto	14 5 21	2nd or Gurgaon Dist. Reve. Surv., Punjab	On special duty for settling boundary disputes from 1st November 1874.
Ditto	Ditto	14 5 26	9th or Azamgarh Dist. Reve. Surv., N. W. P.	Overstayed privilege leave by five days, in June 1869.
Oct. 8, 1860	April 20, 1871	...	5th or Banda District Revenue Survey, N. W. P.	
Dec. 19, 1860	April 1, 1866	...	13th or Goalpara District Revenue Survey, Assam.	Officiating Deputy Superintendent, 2nd grade.
Jan. 1, 1861	April 1, 1872	14 3 0	15th or Bhawalpur State Rev. Surv., Punjab.	
May 1, 1861	Oct. 1, 1873	13 10 27	3rd or Bhawalpur State Reve. Surv., Punjab...	Absent without leave three days, in January 1866.
Aug. 13, 1861	April 1, 1872	13 7 19	No. 7 or Rajpootana and Simla Topogr. Surv.	
Nov. 1, 1861	April 1, 1874	13 5 0	No. 2 or Khandesh and Bombay Native States Topographical Survey.	
Jan. 8, 1862	Dec. 1, 1874	8 4 24	12th or Midnapore District Revenue Survey, Bengal.	English writer, from 8th Jan. 1862 to 30th Nov. 1874.
Jan. 17, 1862	July 26, 1867	...	...	On furlough.
Jan. 28, 1862	April 1, 1870	...	...	M. C. leave to Europe for 18 months, from 27th March 1873. Extension for 9, vide Gazette of India, part 1, page 487, dated 20th September 1874. Part 1, page 146, dated 20th March 1875.
June 27, 1862	Ditto	...	4th or Moradabad Dist. Reve. Surv., N. W. P.	
July 2, 1862	Oct. 26, 1870	...	No. 7 or Rajpootana and Simla Topogr. Surv.	
Aug. 28, 1862	Oct. 1, 1867	...	...	On furlough for 17 months, from 20th March 1875. Officiating Deputy Supdt., 2nd grade, vice Major Godwin-Austen, on furlough. On privilege leave for 3 months, from 15th September 1874.
Oct. 10, 1862	April 1, 1870	...	11th or 2nd Deccan Topogr. Survey, Bombay Presidency.	
Oct. 16, 1862	Oct. 16, 1874	12 15 7	7th or Hamirpur Dist. Reve. Surv., N. W. P. ...	Absent without leave three days, and on sick leave for two days, in October 1865. Sick leave for four days in December 1866. Ditto, from 11th to 16th December 1868.
Nov. 13, 1862	Nov. 13, 1871	12 4 18	4th or Moradabad Dist. Reve. Surv., N. W. P.	
Nov. 18, 1862	Dec. 30, 1868	12 3 13	7th or Hamirpur Dist. Reve. Surv., N. W. P.	Sick leave for one month, from 20th June 1869.
Ditto	May 1, 1873	12 4 13	10th or 1st Deccan Topogr. Survey, Bombay Presidency.	
Dec. 30, 1862	Dec. 30, 1866	...	3rd or Bhawalpur State Reve. Survey, Punjab	Officiating Deputy Supdt., 3rd grade.
April 27, 1863	April 27, 1867	...	2nd or Gurgaon Dist. Rev. Survey, Punjab	Ditto ditto.
May 1, 1863	Dec. 15, 1871	11 11 0	13th or Goalpara Dist. Rev. Surv., Assam.	
May 16, 1863	Jan. 1, 1874	11 9 22	Ditto ditto	
July 1, 1863	April 1, 1873	11 0 27	No. 6 or Khasi and Garo Hills Topogr. Surv.	Sick leave, from 8th to 31st October 1873.
Aug. 1, 1863	Aug. 11, 1873	10 9 0	...	
Aug. 3, 1863	Oct. 1, 1871	7 4 24	No. 5 or Bhopal and Malwa Topogr. Surv. ...	(c) Exclusive of 15 months' leave on medical certificate to Europe, from 23rd Sept. 1867 to 23rd Dec. 1868. On furlough for 2 years, from 19th Oct. 1874. Service reckoned under new rules.
Ditto	Aug. 3, 1869	...	...	Temporarily transferred to Cooh Dehar Khuerah Survey, from 1st June 1871.
Ditto	Aug. 3, 1872	8 1 8	13th or Goalpara District Revenue Survey, Assam.	Private affairs' leave, from 8th Sept. to 30th Oct. 1870.
Aug. 10, 1863	April 1, 1874	6 10 0	No. 3 or Central Provinces and Vizagapatam Agency, Topogr. Survey.	
Sept. 9, 1863	Oct. 1, 1871	5 6 18	No. 1 or Gwalior and C. I. Topogr. Survey.	
Sept. 26, 1863	Dec. 1, 1867	...	Ditto ditto	
Oct. 1, 1863	Oct. 1, 1872	7 9 0	6th or Agra Dist. Reve. Surv., N. W. P.	
Oct. 22, 1863	June 29, 1871	11 5 10	10th or 1st Deccan Topogr. Survey, Bombay Presidency.	
Nov. 1, 1863	Oct. 1, 1871	7 8 19	No. 7 or Rajpootana and Simla Topogr. Surv.	
Dec. 15, 1863	June 4, 1873	7 4 4	2nd or Gurgaon District Reve. Surv., Punjab	Absent without leave one day, and on sick leave for four days in October 1865.
Dec. 17, 1863	Jan. 25, 1868	...	...	On special duty, Nepal Frontier Boundary Survey, Nov. 1874.
Dec. 27, 1863	Jan. 1, 1872	11 3 4	12th or Midnapore Dist. Reve. Surv., Bengal.	Overstayed privilege leave by one day in Augu. ...
Jan. 1, 1864	Dec. 1, 1874	3 9 4	7th or Hamirpur Dist. Reve. Surv., N. W. P.	Office Asst., from 1st Jan. 1864 to 28th Feb. 1874.
Ditto	May 27, 1874	5 9 17	1st or Dera Ismail Khan Dist. Reve. Surv., Punjab.	Apprentice, from 1st January to 31st December 1864.

Section 61 (b), New Pension Code, for all appointments prior to 8th June 1863.

General List of the Officers of the Topographical and Revenue Survey Departments, on the 1st April 1875—continued.

1 Genl. Seniority Number.	2 NAMES.	3 Passed in Vernacular.	4 Age.	5 Rank.	6 Grade.	7 Salary.		8 Date of first appointment to Department.	9 Date of appointment to present grade.	10 Period of service counting for pension on 1st Apl. 1875.		11 Present Post.	12 REMARKS.
						Rs.	A. P.			Y. M. D.	Y. M. D.		
91	Mr. D. A. King		28 5 11	Asst. Revenue Surveyor	1st grade	250	0 0	April 12, 1864	Jan. 1, 1874	6 5 11	7th or Hamirpur Dist. Reve. Surv., N. W. P.	Apprentice, from 12th April to 30th June 1864.	
92	" A. Chennell		28 4 1	Asst. Topographical Surveyor	Ditto	250	0 0	May 1, 1864	Oct. 1, 1872	6 4 1	No. 6 or Khasi and Garo Hills Topogl. Surv.		
93	" A. James		28 4 12	Ditto	Ditto	250	0 0	June 15, 1864	Sept. 1, 1873	6 4 12	No. 4 or N. E. Divn., C. P. Topogl. Surv.		
94	" C. Tapsell		30 4 17	Ditto	Ditto	250	0 0	Aug. 2, 1864	Oct. 1, 1872	8 4 17	No. 7 or Rajpootana and Simla Topogl. Surv.		
95	" E. J. Jackson	L. S.	31 3 13	Asst. Supdt., Revenue Survey	2nd grade	450	0 0	Sept. 26, 1864	Nov. 5, 1868	7 7 20	14th or Ganges Dearah Revenue Survey, Bengal.	Sick leave, from 4th July to 3rd August 1867. Ditto, from 10th August to 30th November 1867. Europe, medical certificate, from 30th July 1871 to 10th November 1872. On detached duty, Cachar Tea Grants Survey.	
96	" W. Stotesbury		27 8 6	Asst. Topographical Surveyor	1st grade	250	0 0	Oct. 1, 1864	April 1, 1874	5 8 6	No. 7 or Rajpootana & Simla Topogl. Survey.		
97	" F. Kitchen		29 0 7	Ditto	Ditto	250	0 0	Oct. 4, 1864	Ditto	7 0 7	Ditto ditto.		
98	Captain J. E. Sandeman, s. c.	P. H.	31 6 29	Asst. Supdt., Revenue Survey	Ditto	750	0 0	Oct. 6, 1864	Oct. 6, 1868	...	8th or Shahabad District Revenue Survey, Behar.		
99	Mr. C. W. F. Seyers		31 8 0	Asst. Revenue Surveyor	3rd grade	160	0 0	Dec. 1, 1864	Oct. 1, 1871	9 8 0	14th or Ganges Dearah Revenue Survey, Bengal.		
100	" E. W. Lincoln		26 9 13	Ditto	1st grade	250	0 0	Feb. 15, 1865	July 8, 1874	4 9 7	13th or Goalpara District Revenue Survey, Assam.	Overstayed privilege leave by six days in December 1871.	
101	" J. Connor		27 7 9	Ditto	Ditto	250	0 0	Ditto	Feb. 15, 1871	5 7 9	Supdt. of Revenue Surveys' Office, Calcutta.		
102	" T. H. Dunne		27 3 20	Ditto	Ditto	250	0 0	Ditto	Ditto	5 3 9	Ditto ditto	Absent without leave one day, and on sick leave for ten days in October 1866.	
103	" W. J. Lane		27 10 20	Ditto	Ditto	250	0 0	Mar. 1, 1865	April 24, 1871	5 6 11	9th or Azamgarh District Revenue Survey, N. W. P.	Sick leave, from 19th May to 8th July 1866. Ditto, 7th August to 23rd October 1866.	
104	" E. A. Wainright		26 9 13	Asst. Topographical Surveyor	Ditto	200	0 0	May 1, 1865	Oct. 1, 1871	4 9 13	No. 5 or Bhopal and Malwa Topogl. Survey.		
105	Captain W. F. Badgley, s. c.	P. H.	37 4 21	Asst. Supdt., Topogl. Survey	Ditto	974	1 6	May 3, 1865	May 8, 1868	...	No. 6 or Khasi and Garo Hills Topographical Survey.		
106	Mr. J. A. Barker		28 11 18	Asst. Topographical Surveyor	2nd grade	200	0 0	Sept. 18, 1865	Oct. 1, 1871	6 11 18	No. 4 or N. E. Divn., C. P. Topogl. Surv.		
107	" G. B. Youngs		27 3 7	Asst. Revenue Surveyor	3rd grade	160	0 0	Jan. 1, 1866	Nov. 1, 1869	5 3 1	8th or Shahabad District Revenue Survey, Behar.	Overstayed privilege leave by four days in October 1868. Absent without leave two days in July 1872.	
108	" T. Patterson		26 9 13	Ditto	2nd grade	200	0 0	Mar. 6, 1866	Jan. 1, 1872	3 2 28	...	Private affairs' leave to Europe, without pay, for 1 year, from 15th July 1870.—On leave M. C. to Europe for 1 year, from 18th October 1874, the date of taking subsidiary leave for 30 days, Mr. Patterson having exceeded by embarking on 2nd January 1875. Officiating in 1st grade.	
109	Captain H. Lees Smith, s. c.	P. H.	36 1 3	Asst. Supdt., Revenue Survey	Ditto	750	0 0	Mar. 26, 1866	June 18, 1870	...	4th or Moradabad Dist. Reve. Surv., N. W. P.		
110	Mr. R. C. D. Ewing	L. S.	26 10 5	Asst. Revenue Surveyor	Ditto	200	0 0	June 9, 1866	Sept. 9, 1872	4 10 5	14th or Ganges Dearah Revenue Survey, Bengal.		
111	Lieutenant T. H. Holdich, B. E.	L. S.	32 1 17	Asst. Supdt., Topogl. Survey	1st grade	820	0 0	July 23, 1866	Dec. 15, 1868	...	In charge, No. 3 or C. P. and Vizagapatam Agency Topogl. Survey.		
112	Captain J. Waterhouse, s. c.	P. H.	32 8 8	Asst. Surveyor General	3rd	750	0 0	Ditto	June 17, 1870	...	In charge, Lithographic and Photographic Branches, Head Quarters.	Rs. 200 local allowance.	
113	Mr. W. J. Cornelius	L. S.	26 0 1	Asst. Topographical Surveyor	2nd grade	200	0 0	Aug. 15, 1866	Oct. 1, 1872	4 0 1	No. 1 or Gwalior and C. I. Topogl. Survey.		
114	" W. J. Smith		26 9 4	Asst. Revenue Surveyor	Ditto	200	0 0	Sept. 1, 1866	May 27, 1874	4 9 4	1st or Dera Ismail Khan District Revenue Survey, Punjab.	Office Asst., from 1st Sept. 1866 to 31st Mar. 1868.	
115	" W. F. Pettigrew		30 7 18	Asst. Topographical Surveyor	Ditto	200	0 0	Sept. 12, 1866	Oct. 1, 1872	8 6 19	No. 3 or C. P. and Vizagapatam Agency Topogl. Survey.	On furlough, from the 7th November 1874.	
116	" G. W. Jarbo		27 7 0	Asst. Revenue Surveyor	Ditto	200	0 0	Nov. 1, 1866	Nov. 1, 1872	5 6 15	5th or Banda District Revenue Survey, N. W. Provinces.	Sick leave for 15 days, from 28th May to 8th June 1869.	
117	" G. H. Cooke	L. S.	30 4 16	Asst. Supdt., Revenue Survey	3rd grade	450	0 0	Dec. 6, 1866	May 10, 1871	8 3 26	9th or Azamgarh District Revenue Survey, N. W. P.	Officiating in 2nd grade.	
118	Capt. H. S. Cowan, s. c.	P. H.	33 7 1	Ditto	2nd grade	750	0 0	Jan. 19, 1867	Mar. 17, 1868	...	3rd or Bhawalpur State Reve. Surv., Punjab	Officiating Asst. Superintendent, 1st grade.	
119	Mr. J. R. Scott	L. S.	26 1 12	Asst. Revenue Surveyor	Ditto	200	0 0	Ditto	May 1, 1870	4 1 12	5th or Banda District Revenue Survey, North-Western Provinces.		
120	" P. J. W. Doran	L. S.	25 10 26	Asst. Topographical Surveyor	Ditto	200	0 0	Feb. 1, 1867	April 1, 1873	3 10 26	No. 1 or Gwalior and C. I. Topogl. Survey.	* Commencement of second service.	
121	" C. W. Wilson	L. S.	29 5 7	Asst. Revenue Surveyor	3rd grade	160	0 0	* June 21, 1867	Oct. 1, 1870	7 0 7	14th or Ganges Dearah Reve. Surv., Bengal...	Sick leave for 3 months, from 1st March 1869. Ditto for 2 months, from 1st August 1869.	
122	" J. McHatton	L. S.	24 8 29	Ditto	2nd grade	200	0 0	July 1, 1867	July 1, 1870	2 8 29	9th or Azamgarh District Revenue Survey, N. W. P.	Officiating Assistant Superintendent, 1st grade.	
123	Capt. H. S. Hutchinson, s. c.	P. H.	35 0 5	Asst. Supdt., Revenue Survey	Ditto	750	0 0	Aug. 13, 1867	Aug. 13, 1868	...	11th or 2nd Deccan Topogl. Survey, Bombay Presidency.		
124	Mr. W. W. McNair		24 6 18	Asst. Topographical Surveyor	Ditto	200	0 0	Sept. 1, 1867	Oct. 1, 1872	2 6 18	No. 7 or Rajpootana and Simla Topogl. Surv.		
125	" E. J. Martin		24 2 0	Asst. Revenue Surveyor	3rd grade	160	0 0	Sept. 16, 1867	May 27, 1874	2 2 0	6th or Agra Dist. Reve. Surv., N. W. P.	Office Asst., from 16th Sept. 1867 to 31st July 1870.	
126	" H. T. Kitchen		26 9 23	Asst. Topographical Surveyor	2nd grade	200	0 0	Nov. 1, 1867	Nov. 1, 1873	4 9 23	No. 5 or Bhopal and Malwa Topogl. Survey.		
127	" A. Cooper		34 5 4	Ditto	Ditto	200	0 0	Dec. 1, 1867	April 1, 1874	12 2 10	No. 3 or C. P. and Vizagapatam Agency Topographical Survey.	Service reckoned under old rules. Includes previous service in Pegu Survey, from 2nd Jan. 1863 to 30th Nov. 1867.	
128	" J. H. Wilson		28 8 23	Ditto	Ditto	200	0 0	April 1, 1868	Ditto	6 8 23	No. 4 or N. E. Divn., C. P. Topogl. Survey.		
129	" W. H. Lilley		26 3 28	Ditto	3rd grade	160	0 0	May 1, 1868	May 1, 1871	4 3 28	No. 5 or Bhopal and Malwa Topogl. Survey.		
130	" S. O. Madras		24 8 1	Asst. Revenue Surveyor	2nd grade	200	0 0	July 6, 1868	July 6, 1874	2 8 1	4th or Moradabad District Reve. Surv., N.W.P.		
131	Captain R. Beavan, s. c.	P. H.	30 6 26	Asst. Supdt., Revenue Survey	3rd grade	624	1 6	July 17, 1868	Nov. 9, 1869	...	1st or Dera Ismail Khan District Revenue Survey, Punjab.	Officiating in 2nd grade.	
132	Mr. T. F. Freeman	L. S.	24 1 12	Asst. Revenue Surveyor	2nd grade	200	0 0	Sept. 9, 1868	Sept. 9, 1874	2 1 12	14th or Ganges Dearah Reve. Surv., Bengal.		
133	" J. O'Toole		24 2 7	Ditto	3rd grade	160	0 0	Sept. 10, 1868	Mar. 10, 1872	2 2 7	13th or Goalpara District Revenue Survey, Assam.		
134	" G. C. Swiney		25 9 19	Ditto	Ditto	160	0 0	Sept. 17, 1868	Sept. 17, 1871	3 9 19	12th or Midnapore Dist. Reve., Surv. Bengal.		
135	" A. C. W. LeMarchand	L. S.	24 5 0	Ditto	Ditto	160	0 0	Nov. 2, 1868	Nov. 2, 1871	2 5 0	10th or 1st Deccan Topogl. Survey, Bombay Presidency.		
136	" J. Murphy		22 9 4	Proby. Asst. Revenue Surveyor	4th grade	120	0 0	Nov. 22, 1868	Nov. 1, 1871	0 9 4	5th or Banda District Revenue Survey, N. W. P.	Office Asst., from 22nd Nov. 1868 to 31st Oct. 1871.	
137	" W. D. Corbett		24 10 15	Asst. Revenue Surveyor	3rd grade	160	0 0	Dec. 1, 1868	May 30, 1874	2 10 15	7th or Hamirpur Dist. Reve. Surv., N. W. P.	Office Asst., from 1st Dec. 1868 to 31st July 1870.	
138	" J. S. Swiney		24 3 27	Ditto	Ditto	160	0 0	Jan. 5, 1869	Jan. 5, 1872	2 3 27	6th or Agra Dist. Reve. Surv., N. W. P.		
139	Captain E. H. Steel, s. c.	L. S.	33 11 11	Asst. Supdt., Revenue Survey	Ditto	624	1 6	Jan. 26, 1869	May 20, 1869	...	5th or Banda District Revenue Survey, N. W. P.	† Commencement of second service. Officiating in 2nd grade.	
140	Mr. G. L. R. Scott	L. S.	23 11 0	Asst. Revenue Surveyor	Ditto	160	0 0	Mar. 1, 1869	Mar. 1, 1872	1 11 0	6th or Agra Dist. Reve. Surv., N. W. P.		
141	" W. J. Lincoln	L. S.	23 7 7	Ditto	Ditto	160	0 0	April 1, 1869	April 1, 1872	1 7 7	4th or Moradabad Dist. Reve. Surv., N. W. P.		
142	" B. Anderson	L. S.	23 11 0	Ditto	Ditto	160	0 0	April 20, 1869	June 29, 1872	1 11 0	2nd or Gurgaon Dist. Reve. Surv., Punjab.		

General List of the Officers of the Topographical and Revenue Survey Departments, on the 1st April 1875—concluded.

1	2	3	4	5	6	7
Genl. Seniority Number.	NAMES.	Passed in Vernacular.	Age.	Rank.	Grade.	Salary.
			Y. M. D.			Rs. A. P.
143	Mr. T. Shaw	L. S.	22 5 0	Asst. Revenue Surveyor	3rd grade	160 0 0
144	" H. E. Gastrell	L. S.	26 1 23	Asst. Supdt., Revenue Survey	Ditto	450 0 0
145	" W. Robert		24 1 3	Asst. Topographical Surveyor	Ditto	160 0 0
146	" W. H. Penrose		23 6 9	Asst. Revenue Surveyor	Ditto	160 0 0
147	Captain J. R. Wilmer, s. c.	H. S.	34 2 12	Asst. Supdt., Topogl. Survey	1st grade	750 0 0
148	Mr. F. E. Warde		23 6 24	Asst. Topographical Surveyor	3rd grade	160 0 0
149	" C. T. Templeton		22 6 27	Ditto ditto	Ditto	160 0 0
150	" A. D. Smart		44 6 2	Revenue Surveyor	Ditto	360 0 0
151	" G. E. Parker		25 2 3	Asst. Revenue Surveyor	Ditto	160 0 0
152	" J. McCay		21 5 23	Asst. Topographical Surveyor	Ditto	160 0 0
153	Captain L. Wavell, s. c.	P. H.	33 4 16	Asst. Supdt., Revenue Survey	Ditto	624 1 6
154	Lieut. G. W. Martin, s. c.	H. S.	27 10 17	Ditto ditto	Ditto	500 0 0
155	Mr. P. S. Ross		20 3 0	Proby. Asst. Revenue Surveyor	4th grade	120 0 0
156	Lieut. R. G. Woodthorpe, R. E.	L. S.	30 6 8	Asst. Supdt., Topogl. Survey	3rd grade	570 0 0
157	Mr. P. E. Heberlet		20 8 16	Proby. Asst. Revenue Surveyor	4th grade	120 0 0
158	Lieut. E. P. Leach, R. E.	L. S.	27 11 29	Asst. Supdt., Topogl. Survey	3rd grade	570 0 0
159	Mr. C. W. J. Ford		22 0 21	Proby. Asst. Revenue Surveyor	4th grade	120 0 0
160	" W. C. G. Barclay		23 5 10	Asst. Topographical Surveyor	3rd grade	160 0 0
161	" A. W. Smart		24 1 16	Proby. Asst. Revenue Surveyor	4th grade	120 0 0
162	Lieut. A. J. C. Scott, s. c.	H. S.	26 7 23	Asst. Supdt., Revenue Survey	3rd grade	120 0 0
163	Mr. B. M. Wilson		26 11 17	Proby. Asst. Revenue Surveyor	4th grade	120 0 0
164	" H. G. Young	H. S.	23 11 19	Ditto ditto	Ditto	120 0 0
165	" R. R. Dickinson		23 8 6	Ditto ditto	Ditto	120 0 0
166	" G. Vander Beek		25 6 15	Asst. Topographical Surveyor	Ditto	120 0 0
167	" G. H. O'Donel		27 8 3	Proby. Asst. Revenue Surveyor	Ditto	120 0 0
168	" W. M. Kelly		20 7 25	Asst. Topographical Surveyor	Ditto	120 0 0
169	" J. Murray		22 7 16	Ditto ditto	Ditto	120 0 0
170	" A. Kitchen		22 2 5	Ditto ditto	Ditto	120 0 0
171	" P. White		24 5 8	Ditto ditto	Ditto	120 0 0
172	" E. P. S. Hill		20 9 17	Proby. Asst. Revenue Surveyor	Ditto	120 0 0
173	" E. H. S. Gaspar		21 4 16	Ditto ditto	Ditto	120 0 0
174	" H. C. Bradley		23 14 10	Ditto ditto	Ditto	120 0 0
175	" T. Anderson		21 9 6	Ditto ditto	Ditto	120 0 0
176	" E. B. M. Drew		20 11 10	Ditto ditto	Ditto	120 0 0
177	" C. T. J. Dease		19 9 4	Ditto ditto	Ditto	120 0 0
178	" T. Downes		22 2 22	Ditto Topogl. Surveyor	Ditto	120 0 0
179	" E. Graham		21 5 0	Ditto ditto	Ditto	120 0 0
180	" G. L. Fleming		21 0 0	Ditto ditto	Ditto	120 0 0
181	" G. R. Copping		...	Ditto ditto	Ditto	120 0 0
182	" G. A. Knight		20 5 9	Ditto ditto	Ditto	120 0 0
183	" P. A. Peters	L. S.	20 3 23	Ditto Revenue Surveyor	Ditto	120 0 0
184	" H. R. Adels		25 0 25	Ditto ditto	Ditto	120 0 0
185	" C. S. Kraal		21 6 6	Ditto ditto	Ditto	120 0 0
186	Lieut. J. R. Hobday, s. c.		24 8 16	Asst. Supdt. Topogl. Survey	3rd grade	500 0 0
187	Duncan Campbell		...	Asst. Topogl. Surveyor	4th grade	120 0 0

8	9	10	11	12
Date of first appointment to Department.	Date of appointment to present grade.	Period of service counting for pension on 1st Apl. 1875.	Present Post.	REMARKS.
		Y. M. D.		
April 21, 1869	May 1, 1873	0 5 0	8th or Shahabad Dist. Reve. Surv., Behar.	
April 26, 1869	April 26, 1870	4 1 23	12th or Midnapore Dist. Reve. Surv., Bengal	On detached duty, Waste Lands' Survey, Darjeeling. (Officiating in 2nd grade.)
Aug. 21, 1869	Oct. 1, 1872	2 1 3	No. 6 or Khasi & Garo Hills Topogl. Surv.	
Aug. 11, 1869	June 4, 1873	1 6 9	11th or 2nd Deccan Topogl. Survey, Bombay Presidency.	
Aug. 24, 1869	Aug. 28, 1872	...	In charge No. 5 or Malwa and Bhopal Topogl. Survey.	
Sept. 1, 1870	Sept. 1, 1873	1 6 24	No. 7 or Rajpootana and Simla Topogl. Surv.	
Ditto	Ditto	0 6 27	No. 1 or Gwalior and C. I. Topogl. Surv.	
*Oct. 1, 1870	Oct. 1, 1870	4 6 0	Supdt. of Revenue Surveys' Office, Calcutta...	* Commencement of second service.
Nov. 18, 1870	July 8, 1874	3 2 3	12th or Midnapore Dist. Reve. Surv., Bengal.	
Dec. 1, 1870	Dec. 1, 1873	Nil	No. 6 or Khasi & Garo Hills Topogl. Surv.	
Jan. 27, 1871	Jan. 27, 1872	...	2nd or Gurgaon Dist. Reve. Surv., Punjab.	
Mar. 24, 1871	Jan. 17, 1873	...	10th or 1st Deccan Topogl. Survey, Bombay Presidency.	
April 23, 1871	Nov. 1, 1872	Nil	3rd or Bhawalpur State Reve. Survey, Punjab	Apprentice from 23rd April 1871 to 31st October 1872.
July 14, 1871	...	...	No. 6 or Khasi and Garo Hills Topogl. Surv.	
Aug. 9, 1871	Sept. 12, 1872	Nil	3rd or Bhawalpur State Reve. Survey, Punjab	Apprentice from 9th Aug. 1871 to 11th Sept. 1872.
Oct. 6, 1871	...	...	No. 7 or Rajpootana Topogl. Survey.	
Nov. 1, 1871	...	0 0 21	4th or Moradabad Dist. Reve. Surv., N. W. P.	
Dec. 1, 1871	Feb. 1, 1874	0 5 10	No. 2 or Khandesh and Bombay Native States Topographical Survey.	
Ditto	Jan. 1, 1872	2 1 16	6th or Agra Dist. Reve. Surv., N. W. P.	Apprentice from 1st to 31st December 1871. Europe, p. a., for 2 years from 14th July 1874.
Jan. 17, 1872	Jan. 17, 1873	3 2 0	12th or Midnapore Dist. Reve. Surv., Bengal	
Feb. 1, 1872	Nov. 15, 1872	1 11 19	5th or Banda District Revenue Survey, North-Western Provinces.	Apprentice from 1st February to 14th November 1872.
Feb. 16, 1872	Sept. 1, 1872	...	10th or 1st Deccan Topogl. Survey, Bombay Presidency.	
April 1, 1872	April 16, 1873	1 8 6	No. 3 or Central Provinces and Vizagapatam Agency Topographical Survey.	
July 1, 1872	...	2 9 0	4th or Moradabad Dist. Reve. Surv., N. W. P.	Commencement of second service. Sick leave from 1st April to 30th December 1874.
July 23, 1872	...	2 5 9	No. 1 or Gwalior and Central India Topographical Survey.	
Oct. 1, 1872	...	Nil	No. 5 or Bhopal and Malwa Topogl. Survey.	
Ditto	...	0 7 16	Ditto ditto.	
Ditto	...	0 2 5	Ditto ditto.	
Ditto	...	2 5 8	No. 7 or Rajpootana and Simla Topogl. Surv.	
Nov. 16, 1872	...	Nil	4th or Moradabad Dist. Reve. Surv., N. W. P.	
Ditto	...	...	12th or Midnapore Dist. Reve. Surv., Bengal.	
April 1, 1873	...	1 4 10	1st or Dera Ismail Khan Dist. Revenue Survey, Punjab.	
April 17, 1873	...	Nil	9th or Azamgarh Dist. Revenue Survey, N. W. P.	
May 5, 1873	...	...	5th or Banda Dist. Revenue Survey, North-Western Provinces.	
June 1, 1873	...	Nil	3rd or Bhawalpur State Revenue Survey	Office Asst. from 1st June 1873 to 30th November 1874. Previous service as Sub-Surv. from 1st Nov. 1872.
Aug. 11, 1873	...	0 2 22	No. 5 or Bhopal and Malwa Topogl. Survey	
Ditto	...	...	No. 2 or Khandesh and Bombay Native States Topographical Survey.	
Ditto	...	...	No. 4 or N. E. Divn., C. P., Topogl. Survey.	
Ditto	...	...	No. 5 or Bhopal and Malwa Topogl. Survey	Previous service as apprentice from 1st October 1873.
Ditto	...	...	No. 1 or Gwalior and Central India Topogl. Survey.	
Nov. 1, 1873	...	...	1st or Dera Ismail Khan District Revenue Survey, Punjab.	
Feb. 19, 1874	...	1 1 10	14th or Ganges Dearah Reve. Surv., Bengal.	
July 24, 1874	...	Nil	2nd or Gurgaon District Reve. Surv., Punjab.	
Sep. 11, 1874	...	...	No. 1 or Gwalior and C. I. Topogl. Survey.	
Nov. 1, 1874	...	...	No. 3 or Central Provinces and Vizagapatam Agency Topogl. Survey.	Joined as a Sub-Surveyor on 3rd July 1873.

Disposition List of Officers of the Surveyor General's Office, Head-Quarters,

Calcutta, and of the Topographical Survey Department, on the 1st April 1875.

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Annual cost of Party. Rs.
		Sub-Surveyors.	Writers.	Flagmen and Carriers.	Native Doctors.	Barkundazes.	Apothecary.	
		No.	No.	No.	No.	No.	No.	
	Calcutta—Head Quarters	...	...	...	...	...	...	.....
1	Native States, Central India, and Rajpootana Agencies, viz., Gwalior, Holkar, Tonk, Kotah, Jhalawar, Pertabgarh, Udepur, Bhynsargarh and Joura.	5	1	112	1	10	...	59,838
2	Khandesh and Bombay Native States, Holkar's territory South of the Nerbudda.	7	1	137	1	13	...	51,203
3	Jeypur, Madgul, and Golconda, in the Vizagapatam Agency, and Rampa Zemindary of District Rajamundry in the Madras Presidency.	4	1	85	1	7	1	58,068
4	Districts of Bilaspur, Mandla, and Balaghât in the Central Provinces.	5	1	123	1	14	...	60,921

Officer in charge, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Col. H. L. Thuillier, F. R. S., C. S. I.	...	Surv. Genl. of India and Supdt. of Topogl. Surveys.	Mar. 13, 1861.	
Capt. W. G. Murray, S. C.	36	Assistant Surveyor General	.....	On furlough to Europe for 2 years from the 14th February 1873, and obtained an extension 6 months. <i>Vide</i> Notification No. 228, dated 2nd March 1875.
J. O. N. James, Esq.	3	Assistant Surveyor General	April 1, 1866	In charge Cartographic and Engraving Branches.
Capt. J. Waterhouse, s. c.	112	Assistant Surveyor General	July 23, 1866	In charge Photographic and Lithographic Branches.
Captain Charles Strahan, R. E. (in charge).	82	Deputy Superintendent, 3rd grade	Oct. 13, 1867.	
Lieutenant J. R. Hobday, s. c.	185	Proby. Asst. Superintendent, 3rd grade.		
Mr. H. J. Bolst	17	Surveyor, 1st grade	.....	On furlough to Europe for 2 years from 3rd November 1873.
" R. D. Farrell	51	Ditto, 4th grade.		
" C. A. R. Scanlan	81	Assistant Surveyor, 1st grade.		
" W. J. Cornelius	113	Ditto, 2nd grade.		
" P. J. W. Doran	120	Ditto, ditto.		
" C. T. Templeton	149	Ditto, 3rd grade.		
" W. M. Kelly	168	Ditto, 4th grade.		
" G. A. Knight	181	Proby. Ditto, ditto.		
F. B. Girdlestone, Esq., (in charge)	76	Depty. Supdt., 3rd grade	Dec. 4, 1871.	On furlough for 2 years, from 18th Oct. 1874. Officiating in 1st grade.
H. Horst, Esq. Offg. in charge	22	Asst. Supdt., 1st grade	.....
Mr. D. Atkinson	30	Surveyor, 2nd grade.		
" R. W. Chew	33	Surveyor, 2nd grade.		
" A. J. Wilson	48	Surveyor, 3rd grade.		
" A. G. Wyatt	59	Surveyor, 4th grade.		
" W. C. G. Barclay	160	Ditto, 3rd grade.		
" E. Grabam	178	Proby. Ditto, 4th grade.		
Colonel G. H. Saxton, S. C.	13	Depty. Supdt., 1st grade	April 1850	On furlough to Europe for 2 years from 4th February 1874.
Lieut. T. H. Holdich, R. E. (in charge).	111	Asst. Supdt., 1st grade	Dec. 15, 1873.	
Mr. J. Harper	38	Surveyor, 3rd grade.		
" J. A. May	49	Ditto, 3rd grade.		
" F. Adams	50	Ditto, 4th ditto.		
" T. E. M. Claudius	80	Asst. Surveyor, 1st grade.		
" W. F. Pettigrew	115	Ditto, 2nd grade...	.....	On leave from 7th November 1874.
" A. Cooper	127	Ditto, ditto.		
" G. Vander Beek	166	Ditto, 4th grade.		
" Duncan Campbell	186	Ditto ditto.		
Lieut. Colonel G. C. Depree, s. c. (in charge).	23	Depty. Supdt., 1st grade	March 1856.	
Mr. G. A. McGill	24	Offg. Surveyor, 1st grade.		
" J. A. Vanderputt	31	Ditto, 2nd grade.		
" A. James	93	Asst. Surveyor, 1st grade.		
" J. A. Barker	106	Ditto, 2nd grade.		
" J. H. Wilson	128	Ditto, ditto.		
" G. L. Fleming	179	Probationary, 4th grade.		

Disposition List of Officers of the Topographical Survey

Department of India on the 1st April 1875 —concluded.

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.					Annual cost of Party.	
		Sub-Surveyors.	Writers.	Flagmen and Carriers.	Native Doctors.	Barkundazes.		Apothecary.
		No.	No.	No.	No.	No.	No.	Rs.
5	Bhopal, Gwalior, Rajgurh, Nursingurh, Tonk, &c., Native States in the Central India Agency.	4	...	122	1	5	...	60,658
6	Naga, and Duffla Hills on the Eastern Frontier, Assam	2	1	79	1	11	...	61,044
7	Meywar, Marwar, Godwar, Shahpura, Mhairwara, and Ajmere in the Rajpootana Agency, and at Simla.	4	2	126	1	...	...	73,319

Officer in charge, Surveyors and Assistant Surveyors.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Captain R. V. Riddell, R. E. ... " J. R. Wilmer, s. c. (in charge).	... 147	Assistant Superintendent, 1st grade ...	Sept. 1874.	On furlough from 20th March 1875.
Mr. C. F. Hamer ... " E. A. Wainright ... " H. T. Kitchen ... " W. H. Lilley ... " J. Murray ... " A. Kitchen ... " T. Downes ... " G. R. Copping ...	77 104 126 129 169 170 177 180	Asst. Surveyor, 1st grade. Ditto, 2nd grade. Ditto, ditto. Ditto, 3rd grade. Ditto, 4th grade. Ditto, ditto. Proby. Ditto, ditto. Ditto, ditto.		
Major H. H. Godwin-Austen, s. c., Captain W. F. Badgley, s. c., (Offg. in charge).	37 105	Depy. Supdt., 2nd grade ... Offg. Depy. Supdt., 3rd grade.	Oct. 15, 1863	
Lieut. R. G. Woodthorpe, R. E. ... Mr. M. J. Ogle ... " A. Chenuell ... " W. Robert ... " J. McCay ...	156 75 92 145 152	Offg. Asst. Supdt., 3rd grade. Surveyor, 4th grade. Asst. Surveyor, 1st grade. Ditto, 3rd grade. Ditto, ditto.		
Capt. Geo. Strahan, R. E., (in charge) Lieutenant E. P. Leach, R. E. ... Mr. E. S. P. Atkinson ... " R. Todd ... " C. Tapsell ... " F. Kitchen ... " W. Stotesbury ... " W. W. McNair ... " F. E. Warde ... " P. White ...	63 158 58 85 94 97 96 124 148 171	Depy. Supdt., 2nd grade Asst. Supdt., 3rd grade. Surveyor, 4th grade. Asst. Surveyor, 1st grade. Ditto, ditto. Ditto, ditto. Ditto, ditto. Ditto, 2nd grade. Ditto, 3rd grade. Ditto, 4th grade.	July 1864	

Disposition List of Officers of the Revenue

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE DEPARTMENT IN ALL GRADES.							Annual cost of Party. Rs.
		Surveyors.	Asst. Surveyors.	Sub-Surveyors, &c.	Levelers.	Chainmen or Measurers.	Native Doctors.	Burkundazes.	
		No.	No.	No.	No.	No.	No.	No.	
	Calcutta Head Quarters ...	2	4	...	...	...	...	...	..
1st or Dera Ismail Khan District Survey, Punjab.	Dera Ismail Khan District ...	2	4	31	1	216	1	15	Profnl. 78,859 Leveling 3,988
2nd or Gurgaon Dist. Surv., Punjab	Gurgaon District ...	3	3	30	...	200	1	15	66,786
3rd or Bhawalpur State Survey, Punjab.	Bhawalpur State ...	2	3	30	...	200	1	15	65,408
4th or Moradabad District Survey, N. W. Provinces.	Moradabad District ...	2	5	31	...	168	1	15	Profnl. 60,539 Leveling 3,563
5th or Banda District Survey, N. W. Provinces.	Banda District ...	1	5	26	...	173	...	17	Profnl. 66,399 Leveling 3,083
6th or Agra District Survey, N. W. Provinces.	Agra and Ghazipur Districts ...	1	5	29	...	178	1	17	Profnl. 59,001 Leveling 3,718
7th or Hamirpur District Survey, N. W. Provinces.	Hamirpur District ...	3	3	31	...	168	1	15	Profnl. 63,665 Leveling 3,128
8th or Shahabad District Revenue Survey, Behar.	Shahabad District ...	3	2	31	...	200	1	15	71,219
9th or Azamgarh District Revenue Survey, N. W. P.	Azamgarh District ...	1	3	30	...	200	1	15	60,235
10th or 1st Deccan Topographical Survey, Bombay.	Nasik Collectorate ...	1	3	18	...	165	1	13	57,722
11th or 2nd Deccan Topographical Survey, Bombay.	Ahmadnagar Collectorate ...	2	1	17	...	165	1	12	59,154
12th or Midnapore District Survey, Bengal.	Midnapore District ...	2	5	30	...	200	1	15	63,351
13th or Goalpara District Survey, Assam.	Goalpara District ...	2	4	30	...	200	1	15	87,395
14th or Ganges Dearah Survey, Bengal.	Ganges Dearahs in District Furreedpur.	1	5	30	...	200	1	15	58,375

Survey Department on the 1st April 1875.

Officers in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Col. J. E. Gastrell, s. c. ...	15	Supdt. of Revenue Surveys, Upper Circle	Mar. 11, 1867 Dec. 11, 1873	Permitted to retain appointment until 11th Dec. 1875, vide Revenue, Agriculture and Commerce Department Notification No. 839, dated 19th December 1873.
„ D. C. Vanrenen, B. A. ...	5	Supdt. of Revenue Surveys, Lower Circle	.....
Lieut. Col. J. Macdonald, s. c. ...	18	Deputy Supdt. of Reve. Surv., 1st grade, Offg. as Supdt. of Reve. Surv., L. C.	April 26, 1874.	On furlough to Europe for 2 years, from 11th April 1874.
Col. H. C. Johnstone, c. D., s. c. ...	20	Depty. Supdt. of Reve. Survey, 1st grade	Oct. 15, 1873.	
Captain R. Beavan, s. c. ...	131	Offg. Asst. Supdt. of Reve. Survey, 2nd grade.	Oct. 1, 1874.	
„ W. H. Wilkins, s. c. ...	72	Asst. Supdt. of Reve. Survey, 1st grade, offg. as Depy. Supdt., 3rd grade.	Oct. 21, 1871.	
„ L. Wavell, s. c. ...	153	Asst. Supdt. of Reve. Survey, 3rd grade	Nov. 1, 1872.	
„ D. C. Andrew, s. c. ...	71	Asst. Supdt. of Reve. Survey, 1st grade, offg. as Depy. Supdt., 3rd grade.	Oct. 26, 1872.	
„ S. H. Cowan, s. c. ...	118	Asst. Supdt. of Reve. Survey, offg. in 1st grade.	Aug. 1, 1874.	
Lieutenant A. J. C. Scott, s. c. ...	162	... ..	.....	On furlough.
Major A. D. Vanrenen, s. c. ...	28	... ..	.....	On furlough.
Captain W. Barron, s. c. ...	62	Depty. Supdt. of Reve. Survey, 3rd grade	Nov. 12, 1873.	
„ H. L. Smith, s. c. ...	109	Offg. Asst. Supdt. of Reve. Survey, 1st grade.	July 20, 1873.	
Lieut. Col. F. C. Anderson, s. c. ...	19	Depty. Supdt. of Reve. Survey, 1st grade	Nov. 1, 1871.	
Captain E. H. Steel, s. c. ...	139	Asst. Supdt. of Reve. Survey, 1st grade	Oct. 1, 1874	
E. T. S. Johnson, Esq. ...	11	Depty. Supdt. of Reve. Surv., 3rd grade	Oct. 1, 1872.	
H. B. Talbot, Esq. ...	12	Offg. Asst. Supdt. of Revenue Survey, 1st grade.	Jan. 1, 1873.	
R. B. Smart, Esq. ...	4	Depty. Supdt. of Reve. Surv., 2nd grade	Sept. 19, 1872.	
E. C. Barrett, Esq. ...	68	Asst. Supdt. of Reve. Survey, 2nd grade	Oct. 1, 1872.	
Lieut. Col. R. E. Oakes, s. c. ...	39	Depty. Supdt. of Reve. Surv., 2nd grade, offg. in 1st grade.	Nov. 1, 1872.	
Captain J. E. Sandeman, s. c. ...	98	Offg. Asst. Supdt. of Revenue Survey, 2nd grade.	Oct. 1, 1874.	
W. Lane, Esq. ...	1	Depty. Supdt. of Reve. Survey, 2nd grade	Nov. 16, 1872.	
G. H. Cooke, Esq. ...	117	Offg. Asst. Supdt. of Revenue Survey, 2nd grade.	Dec. 1, 1873.	
Captain F. Coddington, s. c. ...	60	... ..	.....	On furlough.
Lieut. G. W. Martin, s. c. ...	154	Asst. Supdt. of Reve. Survey, 3rd grade	Feb. 1, 1873.	
Major H. C. B. Tanner, s. c. ...	65	Depty. Supdt. of Reve. Survey, 3rd grade	Aug. 29, 1872.	
Captain H. S. Hutchinson, s. c. ...	123	Asst. Supdt. of Reve. Survey, 2nd grade, offg. in 1st grade.	Oct. 1, 1872.	
Major J. Sconce, s. c. ...	44	Depty. Supdt. of Reve. Survey, 2nd grade	Dec. 6, 1873.	
H. E. Gastrell, Esq. ...	144	Offg. Asst. Supdt. of Revenue Survey, 2nd grade.	Nov. 1, 1871	On detached duty, Darjeeling Waste Lands Survey.
Major D. Macdonald, s. c. ...	55	Depty. Supdt. of Reve. Survey, 3rd grade, offg. in 2nd grade.	Feb. 19, 1874	One Surveyor, Mr. W. H. Patterson, is on detached duty, Darrang Lakhiraj Surveys.
Captain W. J. Stewart, s. c. ...	54	Asst. Supdt. of Reve. Survey, 1st grade	Oct. 1, 1874.	
„ J. H. W. Osborne, late 44th N. I.	61	... ..	.....	On furlough.
J. Campbell, Esq. ...	2	Asst. Supdt. of Reve. Survey, 1st grade	Nov. 1, 1874	Officiating Deputy Superintendent of Revenue Surveys, 3rd grade.
Captain E. W. Samuells, s. c. ...	87	Ditto ditto, 1st grade	.....	On deputation to Nepal Frontier boundary Survey, from 1st November 1874.
E. J. Jackson, Esq. ...	95	Ditto ditto, 2nd grade	Dec. 1, 1872.	On detached duty, Cachar Tea Grants Survey.

Classified List of Officers of the Great Trigonometrical

No. of Officers in each grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.
SUPERINTENDENT.			
<i>Consolidated salary Rs. 2,500.</i>			
1	Colonel J. T. Walker, Royal Engineers	Superintendent	... ..
SENIOR BRANCH.			
DEPUTY SUPERINTENDENTS.			
<i>1st Grade—Consolidated salary Rs. 1,600.</i>			
1	Lieut.-Col. T. G. Montgomerie, Royal Engineers	Deputy Superintendent, 1st grade	... ..
2	Mr. J. B. N. Hennessey	Ditto	... ..
<i>2nd Grade—Consolidated salary Rs. 1,300.</i>			
1	Captain H. R. Thuillier, Royal Engineers	Deputy Superintendent, 2nd grade	Kumaun and Garhwál Survey
2	Major C. T. Haig, Royal Engineers	Ditto	Gujarat Survey
3	Captain J. Herschel, Royal Engineers	Ditto	... ..
4	Major B. R. Branfill, Bengal Cavalry	Ditto	Madras Party
<i>3rd Grade—Consolidated salary Rs. 1,000.</i>			
1	Captain T. T. Carter, Royal Engineers	Deputy Superintendent, 3rd grade	... ..
2	Mr. Henry Keelan	Ditto	... ..
3	Captain W. M. Campbell, Royal Engineers	Ditto	On special duty, Roorkee
4	Henry Trotter, Royal Engineers	Ditto	Head-Quarters
5	Mr. W. C. Rossenrode	Ditto	Eastern Frontier Series
6	Captain W. J. Heaviside, Royal Engineers	Ditto	Pendulum Party
ASSISTANT SUPERINTENDENTS.			
<i>1st Grade—Consolidated salary Rs. 750.</i>			
1	Captain A. Pullan (Staff Corps)	Asst. Superintendent, 1st grade	Kathiawar Survey
2	Mr. M. W. Rogers, Royal Engineers	Ditto	Jodhpore Series
3	Mr. J. Hill, Royal Engineers	Ditto	... ..
4	Mr. W. H. Cole, M. A.	Ditto	Offg. in charge Computing Office
<i>2nd Grade—Consolidated salary Rs. 600.</i>			
1	Captain A. Baird, Royal Engineers	Asst. Superintendent, 2nd grade	Bombay Tidal and Leveling Party
2	Mr. J. R. McCullagh, Royal Engineers	Ditto	No. 1 Extra Party
3	Mr. J. McGill	Ditto	Kathiawar Party
4	Mr. W. G. Beverley	Ditto	Burma Party
<i>3rd Grade—Consolidated salary Rs. 500; for Civil Officers, Rs. 400.</i>			
1	Lieutenant H. J. Harman, Royal Engineers	Asst. Superintendent, 3rd grade	Assam Survey
2	Mr. E. C. Ryall	Ditto	Kumaun and Garhwál Survey
3	Lieutenant St. G. C. Gore, R. E.	Ditto	Ditto
4	Mr. J. E. Gibbs, R. E.	Ditto	Gujarat Survey
JUNIOR BRANCH.			
SURVEYORS.			
<i>1st Grade—Salary Rs. 500.</i>			
1	Mr. Harry Duhan	Surveyor, 1st grade	Corresponding Office
2	Mr. H. Beverley	Ditto	Eastern Frontier Series
3	Mr. J. Peyton	Ditto	Gujarat Survey
4	Vacant.		
<i>2nd Grade—Salary Rs. 400.</i>			
1	Mr. C. J. Neville	Surveyor, 2nd grade	Kumaun and Garhwál Survey
2	Mr. L. H. Clarke	Ditto	Head-Quarters
3	Mr. A. D'Souza	Ditto	Gujarat Survey
4	Mr. W. Todd	Ditto	Computing Office
<i>3rd Grade—Salary Rs. 350.</i>			
1	Mr. J. Low	Surveyor, 3rd grade	Kumaun and Garhwál Survey
2	Mr. C. Wood	Ditto	Computing Office
3	Mr. H. E. T. Keelan	Ditto	... ..
4	Mr. F. Bell	Ditto	Kathiawar Party
5	Mr. G. Atkinson	Ditto	Drawing Office
6	Vacant.		

Survey Department as it stood on the 1st April 1875.

SALARIES, INCLUDING ALLOWANCES.			REMARKS.
Net Military Pay of Royal Engineer Officers.	Consolidated Salary.	TOTAL.	
Rs. A. P.	Rs. A. P.	Rs. A. P.	
.....	2,565 5 0	Draws Rs. 06-5 as a personal allowance.
.....	On furlough.
.....	Ditto.
.....	1,433 10 0	Officiating Deputy Superintendent, 1st grade.
.....	1,333 10 0	Ditto ditto.
.....	On furlough.
.....	1,300 0 0	
.....	On furlough.
.....	Retired on superannuation pension.
.....	1,283 10 0	Officiating Deputy Superintendent, 2nd grade.
.....	1,283 10 0	Ditto ditto.
.....	1,000 0 0	Ditto ditto.
.....	1,133 10 0	
.....	
.....	1,000 0 0	Officiating Deputy Superintendent, 3rd grade.
.....	1,133 10 0	Ditto ditto.
.....	On furlough.
.....	900 0 0	Officiating Deputy Superintendent, 3rd grade.
140 0 0	750 0 0	890 0 0	Officiating Deputy Superintendent, 3rd grade.
140 0 0	750 0 0	890 0 0	Ditto ditto.
.....	700 0 0	Officiating Assistant Superintendent, 1st grade.
.....	700 0 0	Ditto ditto.
70 0 0	750 0 0	820 0 0	Officiating Assistant Superintendent, 1st grade.
.....	700 0 0	Ditto ditto.
70 0 0	600 0 0	670 0 0	Ditto 2nd grade.
70 0 0	600 0 0	670 0 0	Ditto ditto.
.....	
.....	500 0 0	Personal Assistant to Superintendent.
.....	500 0 0	
.....	500 0 0	
.....	400 0 0	
.....	400 0 0	
.....	400 0 0	
.....	400 0 0	
.....	350 0 0	
.....	350 0 0	
.....	On furlough.
.....	350 0 0	
.....	350 0 0	

Classified List of Officers of the Great Trigonometrical

Survey as it stood on the 1st April 1875—concluded.

No. of Officers in each grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.
SURVEYORS—contd.			
<i>4th Grade—Salary Rs 300.</i>			
1	Mr. H. Peychers	Surveyor, 4th grade	Computing Office
2	" G. Belcham	Ditto	Madras Party
3	" J. W. Mitchell	Ditto	Eastern Frontier Series
4	" L. J. Pocock	Ditto	Kumaun and Garhwál Survey
5	" A. Christie	Ditto	Gujarat Survey
6	" W. O'Sullivan	Ditto	Assam Survey
7	" N. C. Gwynne	Ditto	Kathiawar Survey
8	" W. C. Price	Ditto	Jodhpore Series
ASSISTANT SURVEYORS.			
<i>1st Grade—Salary Rs. 250.</i>			
1	Mr. C. H. McA Fee	Asst. Surveyor, 1st grade	Gujarat
2	" T. H. Rendell	Ditto	Tidal and Leveling Party
3	" J. W. Macdougall	Ditto	Pendulum
4	" Hugh Todd	Ditto	Kumaun and Garhwál Survey
5	" E. J. Connor	Ditto	Gujarat Survey
6	" J. Bond	Ditto	No. 2 Astronomical Party
7	" C. D. Potter	Ditto	Madras Party
8	" T. Kinney	Ditto	Kumaun and Garhwál Survey
<i>2nd Grade—Salary Rs. 200.</i>			
1	Mr. E. P. Wrixon	Asst. Surveyor, 2nd grade	Kumaun and Garhwál Survey
2	" J. Hiekie	Ditto	Guzerat Survey
3	" W. Fielding	Ditto	Kathiawar Survey
4	" G. D. Cusson	Ditto	Gujarat Survey
5	" E. W. Lasseron	Ditto	Madras Party
<i>3rd Grade—Salary Rs. 160.</i>			
1	Mr. E. F. Litchfield	Asst. Surveyor, 3rd grade	Kumaun and Garhwál Survey
2	" C. P. Torrens	Ditto	Jodhpore Series
3	" A. Bryson	Ditto	No. 1 Extra Party
4	" W. Oldham	Ditto	Kathiawar Survey
5	" J. C. Clancey	Ditto	Eastern Frontier Series
<i>4th Grade—Salary Rs. 120.</i>			
1	Mr. J. O. Hughes	Asst. Surveyor, 4th grade	Assam Party
2	" I. Pocock	Ditto	Kumaun and Garhwál Survey
3	" G. T. Hall	Ditto	Kathiawar Survey
4	" J. F. McCarthy	Ditto	Kumaun and Garhwál Survey
5	" D. J. Collins	Ditto	Burma Party
6	" H. Corkery	Ditto	Kathiawar Party
7	" P. F. Prunty	Ditto	Jodhpore Series
8	" J. Keating	Ditto	Computing Office
9	" S. F. Norman	Ditto	Gujarat Survey
10	" C. Norman	Ditto	Gujarat Survey

SALARIES, INCLUDING ALLOWANCES.									REMARKS.
Net Military Pay of Royal Engineer Officers.			Consolidated Salary.			TOTAL.			
Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
.....	300	0	0	
.....	300	0	0	
.....	300	0	0	
.....	300	0	0	
.....	300	0	0	
.....	300	0	0	
.....	300	0	0	
.....	300	0	0	
.....	300	0	0	
.....	300	0	0	
.....	250	0	0	
.....	250	0	0	
.....	250	0	0	
.....	250	0	0	
.....	250	0	0	
.....	250	0	0	
.....	250	0	0	
.....	250	0	0	
.....	250	0	0	
.....	200	0	0	
.....	200	0	0	
.....	200	0	0	
.....	200	0	0	
.....	200	0	0	
.....	160	0	0	
.....	160	0	0	
.....	160	0	0	
.....	160	0	0	
.....	160	0	0	
.....	120	0	0	
.....	120	0	0	
.....	120	0	0	
.....	120	0	0	
.....	120	0	0	
.....	120	0	0	
.....	120	0	0	
.....	120	0	0	
.....	120	0	0	
.....	120	0	0	

General List of Officers of the Great Trigonometrical

Survey Department on the 1st April 1875.

1 Genl. Seniority Number.	2 NAMES.	3 Passed in Vernacular.	4 Age.	5 Rank.	6 Grade.	7 Salary.
1	Mr. H. Keelan (Senior Branch)	Not passed	57 6 11	Deputy Superintendent	3rd grade	...
2	„ W. C. Rossenrode (Senior Branch)	„ Ditto	51 4 9	„ Ditto	„ Ditto	1,000 0 0
3	„ J. B. N. Hennessey (Senior Branch)	„ Ditto	45 8 0	„ Ditto	1st grade	...
4	„ Harry Duhan	„ Ditto	48 2 22	Surveyor	„ Ditto	500 0 0
5	„ J. McGill (Senior Branch)	„ Ditto	44 5 9	Assistant Superintendent	2nd grade	700 0 0
6	Lt.-Col. T. G. Montgomerie, R. E.	Passed	44 10 23	Deputy Superintendent	1st grade	...
7	Colonel J. T. Walker, R. E.	„	48 4 0	Superintendent	„	2,565 6 0
8	Mr. W. G. Beverley (Senior Branch)	Not passed	39 5 15	Assistant Superintendent	2nd grade	700 0 0
9	„ E. C. Ryall (ditto)	„ Ditto	37 2 15	„ Ditto	3rd grade	700 0 0
10	„ H. Beverley	„ Ditto	36 5 3	Surveyor	1st grade	500 0 0
11	„ L. H. Clarke	„ Ditto	40 9 26	„ Ditto	2nd grade	400 0 0
12	„ C. J. Neuville	„ Ditto	40 9 12	„ Ditto	„ Ditto	400 0 0
13	„ W. Todd	„ Ditto	36 4 21	„ Ditto	„ Ditto	400 0 0
14	„ A. D'Souza	„ Ditto	37 7 17	„ Ditto	„ Ditto	400 0 0
15	„ J. Low	„ Ditto	35 1 0	„ Ditto	3rd grade	350 0 0
16	„ C. Wood	„ Ditto	32 8 10	„ Ditto	„ Ditto	350 0 0
17	„ H. E. T. Keelan	„ Ditto	32 0 1	„ Ditto	„ Ditto	...
18	„ F. Bell	„ Ditto	32 11 6	„ Ditto	„ Ditto	350 0 0
19	Major B. R. Branfill, B. C.	Passed	41 4 8	Deputy Superintendent	2nd grade	1,300 0 0
20	Captain H. R. Thuillier, B. E.	„ Ditto	37 0 5	„ Ditto	„ Ditto	1,433 10 0
21	Mr. G. Atkinson	Not passed	31 5 20	Surveyor	3rd grade	350 0 0
22	Major C. T. Haig, R. E.	„ Ditto	40 8 15	Deputy Superintendent	2nd grade	1,333 10 0
23	Captain J. Herschel, R. E.	Passed	37 5 1	„ Ditto	„ Ditto	...
24	Mr. J. Peyton	Not passed	47 2 2	Surveyor	1st grade	500 0 0
25	„ J. W. Mitchell	„ Ditto	31 7 29	„ Ditto	4th grade	300 0 0
26	Captain T. T. Carter, R. E.	Passed	37 1 22	Deputy Superintendent	3rd grade	...
27	Mr. H. Peychers	Not passed	32 3 18	Surveyor	4th grade	300 0 0
28	„ G. Belehah	„ Ditto	30 1 15	„ Ditto	„ Ditto	300 0 0
29	Captain A. Pullan, s. c.	Passed	39 0 0	Assistant Superintendent	1st grade	1,000 0 0
30	„ W. M. Campbell, B. E.	„ Ditto	35 8 12	Deputy Superintendent	3rd grade	1,283 0 0
31	Mr. L. J. Pocock	Not passed	31 11 5	Surveyor	4th grade	300 0 0
32	„ A. Christie	Higher Standard	29 6 1	„ Ditto	„ Ditto	300 0 0
33	Captain H. Trotter, R. E.	Not passed	33 7 1	Deputy Superintendent	3rd grade	1,233 0 0
34	Mr. W. O'Sullivan	„ Ditto	31 1 17	Surveyor	4th grade	300 0 0
35	Mr. N. C. Gwynne	„ Ditto	32 0 25	„ Ditto	„ Ditto	300 0 0
36	„ W. C. Price	„ Ditto	28 9 7	„ Ditto	„ Ditto	300 0 0
37	„ C. H. McA. Fee	„ Ditto	25 4 15	Assistant Surveyor	1st grade	250 0 0
38	„ T. H. Rendell	„ Ditto	30 8 9	„ Ditto	„ Ditto	250 0 0
39	„ J. W. Macdougall	„ Ditto	30 1 16	„ Ditto	„ Ditto	250 0 0
40	„ E. J. Connor	Lower Standard	26 7 15	„ Ditto	„ Ditto	250 0 0
41	„ Hugh Todd	Not passed	27 7 15	„ Ditto	2nd grade	200 0 0
42	„ E. P. Wrixon	„ Ditto	28 11 2	„ Ditto	3rd grade	1,133 10 0
43	Captain W. J. Heaviside, B. E.	Passed	34 9 27	Deputy Superintendent	3rd grade	1,133 10 0
44	„ M. W. Rogers, R. E.	„ Ditto	33 1 12	Assistant Superintendent	1st grade	250 0 0
45	Mr. J. Bond	Not passed	25 2 24	Assistant Surveyor	„ Ditto	250 0 0
46	„ C. D. Potter	Tamil Civil Engineering College, Madras.	29 6 27	„ Ditto	„ Ditto	250 0 0
47	Captain J. Hill, R. E.	Not passed	34 3 7	Assistant Superintendent	„ Ditto	900 0 0
48	Mr. W. H. Cole, M. A. (Senior Branch)	Higher Standard	37 3 16	„ Ditto	„ Ditto	...
49	„ J. Hickie	Lower Standard	26 2 17	Assistant Surveyor	2nd grade	200 0 0
50	„ W. Fielding	Not passed	26 10 13	„ Ditto	„ Ditto	200 0 0
51	„ G. D. Cusson	Lower Standard	28 6 7	„ Ditto	„ Ditto	200 0 0
52	„ T. Kinney	Not passed	27 10 27	„ Ditto	1st grade	250 0 0
53	„ E. F. Litchfield	Lower Standard	23 2 7	„ Ditto	3rd grade	160 0 0
54	Captain A. Baird, R. E.	Passed	32 10 26	Assistant Superintendent	2nd grade	890 0 0
55	Mr. C. P. Torrens	Not passed	24 9 11	Assistant Surveyor	3rd grade	160 0 0
56	Captain J. R. McCullagh, R. E.	Passed	33 0 5	Assistant Superintendent	2nd grade	890 0 0

8 Date of first appointment to the Department.	9 Date of appointment to present grade.	10 *Period of service counting for pension.	11 Present post.	12 REMARKS.
Y. M. D.	Y. M. D.	Y. M. D.		
May 18, 1832	April 1, 1874	41 6 11	...	Retired on Superannuation pension.
Dec. 13, 1838	„ Ditto	35 4 9	In charge, Eastern Frontier Series	Offg. Deputy Superintendent, 2nd grade. Services reckoned under old rules.
Apl. 14, 1844	„ Ditto	29 7 13	...	Column 10 includes 2 years' leave on medical certificate from March 1803, under the old rules which were then in force, and allowed the leave to reckon as service. On furlough to Europe on medical certificate. Services reckoned under new rules.
Apl. 22, 1845	April 1, 1866	24 10 9	Personal Asst. to Supdt. (16 months and 4 days' furlough to Europe excluded).	Services reckoned under new rules.
Oct. 1, 1851	April 1, 1874	23 6 0	Kathiawar Survey	Offg. Assistant Superintendent, 1st grade. Services reckoned under old rules.
Oct. 1, 1852	„ Ditto	„	„	On furlough.
Dec. 1, 1853	Mar. 12, 1861	„	Superintendent.	„
July 1, 1854	April 1, 1874	20 9 0	In charge, Burma Party	Offg. Asst. Supdt., 1st grade, leave to Europe on medical certificate for 1 year, and 355 days included under old rules.
Apl. 25, 1855	„ Ditto	19 11 6	Kumaun and Garhwál Survey	225 days' sick leave included under old rules. Offg. Asst. Supdt., 1st grade.
June 14, 1855	April 1, 1871	19 9 17	Eastern Frontier Series	30 days' leave included under old rules.
Nov. 26, 1855	Dec. 1, 1872	19 4 5	Head-Quarters.	„
Dec. 1, 1855	Oct. 1, 1871	19 4 0	Kumaun and Garhwál Survey	6 months' sick leave included under old rules.
Jan. 11, 1856	June 1, 1874	17 3 19	Computing Office	Services reckoned under old rules.
Feb. 19, 1856	Dec. 1, 1872	14 5 17	Gujarat Survey	349 days' furlough, and 77 days' medical leave excluded under new rules.
Oct. 1, 1857	April 1, 1871	17 6 0	Kumaun and Garhwál Survey	392 days' sick leave included under old rules.
May 6, 1858	„ Ditto	16 8 10	Computing Office	„
Aug. 17, 1858	April 1, 1872	15 6 1	„	Services reckoned under old rules.
„ Ditto	June 1, 1873	9 11 6	Kathiawar Survey	On furlough.
Oct. 4, 1858	April 1, 1874	„	Depy. Supdt., 2nd grade	1 year's furlough excluded under new rules.
May 21, 1859	April 1, 1874	„	Offg. Depy. Supdt., 1st grade	In charge, Madras Party.
Aug. 1, 1859	Jan. 1, 1874	15 5 20	Drawing Office	In charge, Kumaun and Garhwál Survey.
Sept. 22, 1859	April 1, 1874	„	Offg. Depy. Supdt., 1st grade	Services reckoned under old rules.
Nov. 12, 1859	„ Ditto	„	„	In charge, Gujarat Party.
Feb. 3, 1860	„ Ditto	15 1 26	Gujarat Survey	On furlough.
Sept. 1, 1861	July 1, 1874	13 7 0	Eastern Frontier Series	Services reckoned under old rules.
Mar. 1, 1862	April 1, 1874	„	„	Ditto ditto.
Apl. 8, 1862	June 1, 1874	12 11 23	Computing Office	On furlough.
Nov. 1, 1862	„ Ditto	12 5 0	Madras Party	Services reckoned under old rules.
Jan. 18, 1863	April 1, 1874	„	Offg. Depy. Supdt., 3rd grade	Ditto ditto.
Jan. 30, 1863	„ Ditto	„	„ 2nd grade	In charge, Kathiawar Party.
July 10, 1863	July 1, 1874	9 8 5	Kumaun and Garhwál Survey	On special duty, Roorkee.
Aug. 7, 1863	Oct. 1, 1874	7 6 1	Gujarat Survey.	99 days' sick leave excluded.
Sept. 5, 1863	Apl. 1, 1874	„	Offg. Deputy Supdt., 2nd grade	„
Oct. 1, 1863	Oct. 1, 1874	9 1 18	Assam Survey.	Head-Quarters.
Oct. 19, 1863	„ Ditto	10 0 25	Kathiawar Survey.	„
Nov. 1, 1863	„ Ditto	6 9 7	Jodhpore Series.	„
Sept. 6, 1864	May 1, 1873	9 4 16	Gujarat Survey.	„
Oct. 11, 1864	June 1, 1873	8 8 9	Tidal and Leveling Party.	„
March 1, 1865	June 1, 1874	8 1 17	Pendulum Party.	„
„ Ditto	July 1, 1874	4 7 16	Gujarat Survey.	„
July 15, 1865	June 1, 1874	5 6 16	Kumaun and Garhwál Survey	30 days' sick leave excluded.
Oct. 25, 1865	„ Ditto	6 11 2	„	„
March 1, 1866	Apl. 1, 1874	„	Depy. Supdt., 3rd grade	In charge, Pendulum and Magnetic Party.
July 30, 1866	„ Ditto	„	In charge, Jodhpore Series	Offg. Depy. Supdt., 3rd grade.
Oct. 18, 1866	Oct. 1, 1874	3 2 24	No. 2 Astronomical Party.	„
Oct. 29, 1866	„ Ditto	7 5 23	Madras Party	33 days' leave excluded.
Dec. 18, 1866	Apl. 1, 1874	„	„	On furlough.
Jan. 3, 1867	„ Ditto	8 2 27	Offg. Depy. Supdt., 3rd grade	Excludes service as Professor, Mathematics, Government College, Agra, from 14th April 1862 to end of February 1864. Offg. in charge, Computing Office.
Apl. 29, 1868	June 1, 1874	3 8 17	Gujarat Survey	„
May 3, 1868	July 1, 1874	4 10 13	Kathiawar Survey.	6 months' medical leave excluded.
May 8, 1868	Oct. 1, 1874	6 6 7	Gujarat Survey.	„
June 17, 1868	„ Ditto	5 10 27	Kumaun and Garhwál Survey.	„
Nov. 26, 1868	Apl. 1, 1873	1 2 27	„	„
Dec. 4, 1868	Apl. 1, 1874	„	Offg. Depy. Supdt., 3rd grade	In charge, Bombay Tidal and Leveling Party.
Dec. 12, 1868	Apl. 1, 1873	2 9 11	Jodhpore Series.	„
Feb. 12, 1869	Apl. 1, 1874	„	In charge No. 1 Extra Party	Offg. Deputy Supdt., 3rd grade.

the Unconvenanted Civil Service Rules. longest in the Department standing first on the list. Their dates of first appointment to Department (column 8), and period of have been arranged in consecutive order.

* Applies only to officers who are under NORG.—In this list the officers have been arranged according to their length of service in the Department, the officer who has been service counting for pension (column 10),

General List of Officers of the Great Trigonometrical

1 Genl. Seniority Number.	2 NAMES.	3 Passed in Vernacular.	4 Age. Y. M. D.	5 Rank.	6 Grade.	7 Salary.	
						Rs.	A. P.
57	Mr. E. W. Lasseron	Not passed	30 11 7	Assistant Surveyor	2nd grade	200	0 0
58	" A. Bryson	Ditto	25 7 1	Ditto	3rd grade	160	0 0
59	" W. Oldham	Ditto	22 3 15	Ditto	Ditto	160	0 0
60	Lieut. H. J. Harman. R. E.	Ditto	24 10 17	Assistant Superintendent	Ditto	820	0 0
61	Mr. J. C. Clancey		20 6 13	Assistant Surveyor	Ditto	160	0 0
62	" J. O. Hughes		19 7 8	Ditto	4th grade	120	0 0
63	" Irvin Pocock		25 10 9	Ditto	Ditto	120	0 0
64	" G. T. Hall		22 11 24	Ditto	Ditto	120	0 0
65	Lieut. St. G. C. Gore. R. E.		26 1 8	Assistant Superintendent	3rd grade	670	0 0
66	" J. E. Gibbs, R. E.			Ditto	Ditto	670	0 0
67	Mr. J. F. McCarthy		21 11 2	Assistant Surveyor	4th grade	120	0 0
68	" D. J. Collins		20 10 27	Ditto	Ditto	120	0 0
69	" H. Corkery		23 7 10	Ditto	Ditto	120	0 0
70	" P. F. Prunty		20 3 0	Ditto	Ditto	120	0 0
71	" J. Keating		20 10 27	Ditto	Ditto	120	0 0
72	" S. F. Norman		20 7 23	Ditto	Ditto	120	0 0
73	" C. Norman		18 10 12	Ditto	Ditto	120	0 0

Survey Department on the 1st April 1875 —concluded.

8 Date of first appointment to the Depart- ment.	9 Date of appointment to present grade.	10 * Period of service counting for pension.		11 Present post.	12 REMARKS.
		Y. M. D.			
May 1, 1869	Oct. 1, 1874	5 11 0		Madras Party.	
Sept. 20, 1869	Oct. 1, 1873	3 7 1		No. 1 Extra Party.	
Oct. 15, 1871	June 1, 1874	0 3 15		Kathiawar Party.	
June 3, 1872	Apl. 1, 1874			Offg. Asst. Supdt., 1st grade	In charge, Assam Survey.
Sept. 30, 1872	Oct. 1, 1874			Eastern Frontier Series.	
Oct. 14, 1872	Oct. 14, 1872			Assam Survey.	
Oct. 28, 1872	Oct. 28, 1872	1 5 4		Kumaun and Garhwál Survey.	
Nov. 22, 1872	Nov. 22, 1872	0 11 24		Kathiawar Survey.	
Apl. 11, 1873	Apl. 1, 1874			Kumaun and Garhwál Survey	Officiating Assistant Superintendent, 2nd grade.
Aug. 15, 1873	Ditto			Gujarat Survey	Ditto ditto.
Aug. 1, 1873	Aug. 1, 1873			Kumaun and Garhwál Survey.	
Oct. 6, 1873	Oct. 6, 1873			Burma Party.	
Nov. 20, 1873	Nov. 20, 1873	1 4 11		Kathiawar Survey.	
May 9, 1874	May 9, 1874			Jodhpore Series.	
June 1, 1874	June 1, 1874			Computing Office.	
Sept. 1, 1874	Sept. 1, 1874			Gujarat Survey.	
Oct. 12, 1874	Oct. 12, 1874			Ditto.	

* 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 Department (column 8), and period of service counting for pension (column 10), have been arranged in consecutive order.

NOTE.—In this list the officers have been arranged according to their length of service in the Department, the officer who has been longest in the Department standing first on the list. Their dates of first appointment to Department (column 8), and period of service counting for pension (column 10), have been arranged in consecutive order.

Disposition List of Officers of the Great Trigonometrical

Survey of India on the 1st April 1875.

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.					Annual cost of Party, from 1st Oct. 1873 to 30th Sept. 1874.	
		Sub-Surveyors.	Writers.	Chainmen and Flagmen.	Native Doctors.	Barkandazes.		
	<i>Madras Party.</i> Tinnevely and Tuticorin, recess quarters at Bangalore	No.	No.	No.	No.	No.	Rs.	
		...	...	46	1	17	39,636	
	<i>Eastern Frontier Series.</i> British Burma, recess quarters at Moulmein	...	...	86	2	12	11	62,360
	<i>Burma Party.</i> British Burma, recess quarters at Moulmein	...	2	36	1	7	...	*36,647
	<i>Kumaun and Garhwál Party.</i> A portion of this party was employed in the Snowy Rauges of Kumaun and Garhwál, and remainder in Dehra Dún	20	...	154	1	17	...	1,08,417
	<i>Assam Valley Triangulation.</i> Assam, recess quarters at Shillong	...	...	54	1	12	...	34,546
	<i>Jodhpore Series.</i> In the Jodhpore, Jesulmeer, and Bikaner States, recess quarters at Mount Aboo	...	...	50	1	14	...	33,415
	<i>Kathiawar Party.</i> The Province of Kathiawar, Bombay Presidency, recess quarters at Poona	15	1	128	1	26	...	73,243

Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Major B. R. Branfill, B. C. ... Mr. G. Belcham ... " C. D. Potter ... " E. W. Lasseron ...	19 28 46 57	Deputy Superintendent, 2nd Grade ... Surveyor, 4th Grade ... Assistant Surveyor, 2nd Grade ... Ditto, 3rd do. ...	July 28, 1868.	
W. C. Rossenrode, Esq. ... Mr. H. Boverley ... " J. C. Clancey ...	2 10 61	Deputy Superintendent, 3rd Grade ... Surveyor, 1st Grade ... Asst. ditto, 4th do. ...	Oct. 1, 1873.	
W. G. Beverley, Esq. ... Mr. J. W. Mitchell ... " D. J. Collins ...	8 25 68	Offg. Asst. Supdt., 1st Grade ... Surveyor, 4th Grade ... Assistant Surveyor, 4th Grade ...	Oct. 1, 1874.	* The party was employed on the Brahmaputra series.
Captain H. R. Thuillier, B. E. ... Mr. E. C. Ryall ... Lieut. St. G. C. Gore, B. E. ... Mr. C. J. Neuville ... " J. Low ... " J. Pocock ... " H. Todd ... " T. Kinney ... " E. P. Wrixon ... " E. F. Litchfield ... " J. Pocock ... " J. F. McCarthy ...	20 9 65 12 15 31 41 52 42 53 63 67	Offg. Depy. Supdt., 1st Grade ... Offg. Asst. Supdt., 1st do. ... Ditto, 1st do. ... Surveyor, 2nd do. ... Ditto, 3rd do. ... Ditto, 4th do. ... Assistant Surveyor, 1st do. ... Ditto, 2nd do. ... Ditto, 2nd do. ... Ditto, 3rd do. ... Ditto, 4th do. ... Ditto, 4th do. ...	Oct. 1, 1873.	
Lieut. H. J. Harman, B. E. ... Mr. W. O'Sullivan ... " J. O. Hughes ...	60 34 62	Offg. Asst. Supdt., 1st Grade ... Assistant Surveyor, 1st do. ... Ditto, 4th do. ...	Oct. 6, 1874.	
Captain M. W. Rogers ... Mr. W. C. Price ... " C. P. Torrens ... " P. F. Prunty ...	44 36 55 70	Offg. Depy. Supdt., 3rd Grade ... Asst. Surveyor, 1st do. ... Ditto, 3rd do. ... Ditto, 4th do. ...	Nov. 20, 1874.	
Captain A. Pullan, s. c. ... Mr. J. McGill ... " F. Bell ... " N. C. Gwynne ... " W. A. Fielding ... " W. Oldham ... " H. Corkery ... " G. T. Hall ...	29 5 18 35 50 59 69 64	Offg. Depy. Supdt., 3rd Grade ... Offg. Asst. Supdt., 1st do. ... Surveyor, 3rd do. ... Assistant Surveyor, 1st do. ... Ditto, 2nd do. ... Ditto, 3rd do. ... Ditto, 4th do. ... Ditto, 4th do. ...	April 6, 1873	

Disposition List of Officers of the Great Trigonometrical

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Annual cost of Party from 1st Oct. 1873 to 30th Sep. 1874.
		Sub-Surveyors.	Writers.	Chainmen and Flagmen.	Native Doctors.	Barkandazes.	Jemadar.	
	<i>Gujarat Party.</i>	No.	No.	No.	No.	No.	No.	Rs.
	Gujarat, recess quarters at Poona	11	1	112	1	26	1	80,858
	<i>No. 1 Extra Party.</i>							
	Carrying on Leveling operations in Bellary, Darwar, and Carwar, recess quarters at Bangalore ... ..	...	...	24	1	12	...	21,463
	<i>Bombay Tidal and Leveling Party.</i>							
	Gulf of Cutch and Kathiawar	9	2	36	1	12	...	40,892

Survey of India on the 1st April 1875 —concluded.

Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Major C. T. Huig, R. E. ...	22	Deputy Superintendent, 2nd Grade ...	Sep. 23, 1871.	
Lieutenant J. E. Gibbs, R. E. ...	66	Offg. Asst. Supdt., 1st Grade ...		
Mr. J. Peyton ...	24	Surveyor, 1st Grade ...		
" A. D'Souza ...	14	Ditto, 2nd do. ...		
" A. Christie ...	32	Assistant Surveyor, 1st Grade ...		
" C. H. McA Fee ...	37	Ditto, 1st do. ...		
" E. J. Connor ...	40	Ditto, 1st do. ...		
" J. Hickie ...	49	Ditto, 2nd do. ...		
" G. D. Cusson ...	51	Ditto, 3rd do. ...		
" S. F. Norman ...	72	Ditto, 4th do. ...		
" C. Norman ...	73	Ditto, 4th do. ...		
Captain J. R. McCullagh ...	56	Offg. Deputy Supdt., 3rd Grade ...	Nov. 13, 1874	
Mr. A. Bryson ...	58	Assistant Surveyor, 3rd do. ...		
Captain A. Baird, R. E. ...	54	Offg. Depy. Supdt., 3rd Grade ...	On the formation of the Party, 1st September 1872.	
Mr. T. H. Rendell ...	38	Assistant Surveyor, 1st do. ...		

Classified List of Officers of the Mysore Revenue

No. of Officers in each grade.	NAMES.	Substantive Appointment.	Duty on which at present employed.
1	2	3	4
1st Grade.			
1	The Hon'ble Colonel W. C. Anderson ...	Survey and Settlement Commissioner	Survey and Settlement Commissioner
1	Captain J. P. Grant ...	Superintendent	Superintendent
1	Major J. W. M. Anderson ...	Deputy Superintendent	Deputy Superintendent
2	Captain J. Rutherford ...	Ditto	Assistant Superintendent, 1st grade
3	" F. W. Major ...	Ditto	Ditto
4	" G. Mackenzie ...	Ditto	Ditto
2nd Grade.			
1	Mr. E. H. Butcher ...	Deputy Superintendent	Assistant Superintendent, 2nd grade
2	Captain M. F. Coussmaker ...	Ditto	Ditto
3	Mr. J. P. Barker ...	Ditto	Ditto
4	" G. F. Meiklejohn ...	Ditto	Ditto
5	" G. S. Dobbie ...	Ditto	Ditto
6	Captain T. M. Ward ...	Ditto	Ditto
7	" J. B. Lawrence ...	Ditto	Ditto
8	Lieutenant A. H. Macintire ...	Ditto	Ditto
9	Captain D. Cowie ...	Ditto	Ditto
10	Lieutenant R. L. Price ...	Ditto	Ditto
3rd Grade.			
1	Mr. W. E. A. James ...	Deputy Superintendent	Assistant Superintendent, 3rd grade
2	" F. B. Clerk ...	Ditto	Ditto
4th Grade.			
1	Lieutenant A. McCally ...	Deputy Superintendent	Assistant Superintendent, 4th grade
2	Mr. G. Betham ...	Ditto	Ditto

Survey as it stood on the 1st April 1875.

SALARIES, INCLUDING ALLOWANCES,				REMARKS.
TO MILITARY OFFICERS.			TO CIVILIANS.	
Military Pay and Allowances.	Staff Pay.	Aggregate Pay and Allowances.	Civil Consolidated Salary.	
5	6	7	8	9
		Rs. A. P.	Rs. A. P.	
.....	1,247 3 6	.....
.....	1,299 1 6	.....
.....	995 0 0	.....
.....	795 0 0	.....
.....	795 0 0	.....
.....	795 0 0	.....
.....	695 0 0	
.....	695 0 0	
.....	695 0 0	
.....	695 0 0	
.....	695 0 0	.....	Transferred as a temporary measure to the S. M. C. Survey, vide Chief Commissioner's Notification No. 266, dated 9th December 1874.
.....	695 0 0	.....
.....	695 0 0	.....
.....	695 0 0	.....	On furlough to England for one year, from 13th Nov. 1874.
.....	560 0 0	
.....	560 0 0	
.....	
.....	460 0 0	.....
.....	460 0 0	

General List of Officers of the Mysore Revenue

1	2	3	4	5	6	7
Genl. Seniority Number.	NAMES.	Passed in Vernacular.	Age on 15th April.	Rank.	Grade.	Salary.
			Y. M. D.			Rs. A. P.
1	The Hon'ble Col. W. C. Anderson ...	All have passed in the Vernacular.	52 8 5	Survey and Settlement Commissioner	.....	1,100 0 0
2	Captain J. P. Grant ...		37 0 0	Superintendent	.....	1,074 0 0
3	Major J. W. M. Anderson ...		37 5 20	Deputy Superintendent	.....	800 0 0
4	Captain J. Rutherford ...		33 2 22	Assistant Superintendent	.....	600 0 0
5	Mr. E. H. Butcher ...		38 9 2	Ditto	.....	500 0 0
6	Captain M. F. Coussmaker ...		31 10 20	Ditto	.....	500 0 0
7	" F. W. Major ...		34 8 3	Ditto	.....	600 0 0
8	Mr. J. P. Barker ...		27 6 16	Ditto	.....	500 0 0
9	" G. F. Meiklejohn ...		26 3 8	Ditto	.....	425 0 0
10	" W. E. A. James ...		32 9 25	Ditto	.....	425 0 0
11	" F. B. Clerk ...		30 7 13	Ditto	.....	500 0 0
12	" G. S. Dobbie ...		30 9 0	Ditto	.....	500 0 0
13	Captain F. W. Ward ...		33 2 18	Ditto	.....	500 0 0
14	" J. B. Lawrence ...		33 5 3	Ditto	.....	500 0 0
15	Lieut. A. H. Macintire ...		27 1 11	Ditto	.....	500 0 0
16	Captain D. Cowie ...		34 3 15	Ditto	.....	325 0 0
17	Lieut. A. McCally ...		31 4 24	Ditto	.....	500 0 0
18	" R. L. Price ...		32 3 20	Ditto	.....	600 0 0
19	Captain G. Mackenzie ...		33 8 28	Ditto	.....	600 0 0
20	Mr. G. Betham ...		24 6 0	Ditto	.....	300 0 0

* Applies only to officers who are under longest in the Department standing first on the list. Their dates of first appointment to the Department (column 8), and period of service counting for pension (column 10), have been arranged in consecutive order.

NOTE.—In this list the officers have been arranged according to their length of service in the Department, the officer who has been longest in the Department standing first on the list. Their dates of first appointment to the Department (column 8), and period of service counting for pension (column 10), have been arranged in consecutive order.

Survey Department on the 1st April 1875.

8	9	10	11	12
Date of first appointment to the Department.	Date of appointment to present grade.	*Period of service counting for pension.	Present post.	REMARKS.
		Y. M. D.		
Sep. 28, 1863	Sep. 28, 1863	...	Survey Commissioner.	
Nov. 1, 1863	Jan. 15, 1868	...	Superintendent.	
Nov. 27, 1863	Nov. 27, 1873	...	Deputy Superintendent.	
Feb. 1, 1865	July 1, 1873	...	Assistant Superintendent.	
Oct. 2, 1865	Mar. 26, 1871	9 5 29	Ditto.	
Dec. 24, 1865	Jan. 26, 1870	...	Ditto.	
April 23, 1865	Jan. 5, 1875	...	Ditto.	
Dec. 22, 1866	Dec. 1, 1873	5 6 2	Ditto.	
Nov. 30, 1867	June 1, 1874	4 2 23	Ditto.	
Dec. 1, 1867	Oct. 2, 1873	5 10 9	Ditto.	
Jan. 16, 1868	Nov. 26, 1872	7 2 16	Ditto.	
Nov. 9, 1868	June 1, 1873	8 8 16	Ditto.	
Dec. 1, 1868	Nov. 11, 1868	...	Ditto	
Jan. 15, 1869	Mar. 10, 1871	...	Ditto.	
Dec. 6, 1869	Jan. 8, 1874	...	Ditto.	
Dec. 3, 1870	Dec. 2, 1874	...	Ditto.	
Jan. 18, 1872	Jan. 8, 1873	...	Ditto.	
Nov. 1, 1872	Oct. 23, 1872	...	Ditto.	
Oct. 24, 1873	Dec. 24, 1871	...	Ditto.	
Nov. 1, 1873	July 2, 1870	2 5 17	Ditto.	

Transferred as a temporary measure to the S. M. C. Survey, vide Chief Commissioner's Notification No. 266, dated 9th December 1874.

On furlough to Europe for one year, from 13th Nov. 1874.

the Uncovenanted Civil Service Rules. longest in the Department standing first on the list. Their dates of first appointment to the Department (column 8), and period of service counting for pension (column 10), have been arranged in consecutive order.

Disposition List of Officers of the Mysore Revenue

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Annual cost of Party (for the year 1874-75).
		Sub-Surveyors.	English Clerks.	Karkoons, &c.	Learners.	Mappers.	Peons.	
1	2	3	4	5	6	7	8	9
		No.	No.	No.	No.	No.	No.	Rs.
1	Mysore Province ...	...	2	2	...	...	4	18,901
2	Ditto ...	...	2	62	...	22	10	31,797
3	Ditto ...	...	2	6	...	...	4	22,121
<i>Measuring Establishments.</i>								
4	Túmkúr and Kadur Districts ...	31	...	3	9	...	4	15,022
5	Hassan District ...	23	...	2	5	...	2	16,384
6	Hassan, Kadur, and Bangalore Districts ...	23	...	2	5	...	2	13,802
7	Kadur, Tumkur, and Hassan Districts ...	22	...	2	5	...	2	13,097
8	Túmkúr, Shimoga, and Kadur Districts ...	24	...	2	7	...	2	15,235
9	Shimoga and Kadur Districts ...	22	...	2	6	...	2	16,157
10	Kadur and Túmkúr Districts ...	21	...	3	7	...	2	15,268
11	Hassan and Bangalore Districts ...	25	...	3	8	...	2	20,651
12	Shimoga and Kadur Districts ...	22	...	2	7	...	2	17,561
13	Hassan and Bangalore Districts ...	24	...	2	8	...	2	13,790
14	Mysore, Hassan, Túmkúr, and Chittagong Districts ...	13	...	2	2	...	2	13,088
<i>Classing Establishments.</i>								
15	Kolar, Bangalore, and Shimoga Districts ...	15	...	1	2	...	2	14,198
16	Túmkúr and Shimoga Districts ...	13	...	1	3	...	2	13,597
17	Kadur and Hassan Districts ...	13	...	1	2	...	2	15,422
18	Mysore Districts ...	2	...	...	...	...	...	...
	Ditto ...	...	...	...	...	...	...	4,986
	TOTAL ...	293	6	98	76	22	48	2,91,124

Survey Department on the 1st April 1875.

Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
10	11	12	13	14
The <i>Hon'ble</i> Col. W. C. Anderson	1	Survey and Settlement Commissioner	Sep. 28, 1863	
Captain J. P. Grant	2	Ditto Superintendent	Jan. 15, 1868	
Major J. W. M. Anderson	3	Deputy Superintendent	Nov. 1, 1869	
Captain D. Cowie	16	Assistant, 2nd grade	Dec. 2, 1871	
" J. B. Lawrence	14	Ditto, do.	Oct. 28, 1870	
Mr. F. B. Clerk	11	Ditto, 3rd do.	Nov. 26, 1869	
Captain F. W. Major	7	Ditto, 1st do.	Sep. 9, 1874	
Mr. G. F. Meiklejohn	9	Ditto, 2nd do.	June 1, 1868	
Lieut. A. H. Macintire	15	Ditto, do.	Dec. 8, 1870	
" R. L. Price	18	Ditto, do.	Jan. 2, 1873	
" A. McCally	17	Ditto, 4th do.	Nov. 8, 1874	On furlough to Europe for one year, from 13th November 1874.
Captain G. Mackenzie	19	Ditto, 1st do.	Nov. 5, 1873	
Mr. J. P. Barker	8	Ditto, 2nd do.	Dec. 1, 1867	
" W. E. A. James	10	Ditto, 3rd do.	April 19, 1873	
Captain M. F. Coussmaker	6	Ditto, 2nd do.	Nov. 5, 1873	
Mr. G. S. Dobbie	12	Assistant, 2nd grade	July 4, 1871	
" E. H. Butcher	5	Ditto, do.	Jan. 26, 1867	
Captain J. Rutherford	4	Ditto, 1st do.	Mar. 31, 1873	
" M. F. Coussmaker	6	Ditto, 2nd do.	Nov. 5, 1873	Cost is included in the Measuring Establishment under the same Officer. Holds no charge.
Mr. G. Betham	20	Ditto, 4th do.	.....

Classified List of Officers of the Berar

No. of Officers in each grade.	NAMES.	Substantive Appointment.	Duty on which at present employed.
1	Mr. R. R. Beynon ... 1st grade.	Deputy Superintendent	Offg. Superintendent ...
1	Captain C. C. Pemberton ...	Assistant Superintendent	Assistant Superintendent ...

N. B.—The salaries of the Military Assistant Superintendents are now consolidated,

General List of Officers of the Berar Revenue

1	2	3	4	5	6	7
Genl. Seniority Number.	NAMES.	Passed in Vernacular.	Age.	Rank.	Grade.	Salary.
			Y. M. D.			Rs. A. P.
1	Mr. R. R. Beynon ...	Passed ...	35 5 3	Officiating Superintendent	...	1,175 0 0
2	Captain C. C. Pemberton ...	Ditto ...	35 3 6	Assistant Superintendent	1st grade ...	795 0 0

*Applies only to officers who are under the

N. B.—The dates given under the head of "first appointment," column 9, are those of

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)

Disposition List of Officers of the Berar Revenue

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Average number of square miles surveyed during the last three years, or other work done by Party.	Work of last twelve months.	Annual cost of Party from 1st April 1874 to 31st March 1875.
		Sub-Surveyors.	English Clerks.	Karboons.	Mappers.	Peons.	TOTAL.			
1	East and West Berar ...	No. 2	No. 2	No. 26	No. 21	No. 14	No. 65	Omitted in accordance with instructions contained in letter No. 237, dated the 14th July 1874, from the Government of India in the Department of Revenue, Agriculture and Commerce.	Rs. 36,166	
2	Wun Taluka ...	19	...	4	...	3	26		18,940	
TOTAL		21	2	30	21	17	91		68,606	

Revenue Survey Department on the 1st April 1875.

SALARIES, INCLUDING ALLOWANCES,				REMARKS.
TO MILITARY OFFICERS.			TO 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.	
.....	1,175 0 0	
.....	795 0 0		

vide Government of India, Financial Department, No. 2956, dated 21st October 1865.

Survey Department on the 1st April 1875.

8	9	10	11	12	13
Date of appointment to present grade.	Date of first appointment to the Department.	Period of service in present grade.	*Period of service counting for pension.	Present post.	REMARKS.
			Y. M. D.		
Oct. 30, 1872	Oct. 12, 1859	Omitted in accordance with instructions contained in letter No. 237, dated the 14th July 1874, from the Govt. of India in the Dept. of Reve., Agriculture and Commerce.	12 0 9	Officiating Superintendent ...	Service under 22 years of age and period on leave to Europe have been deducted.
Feb. 2, 1873	Sept. 9, 1864		...	Assistant Superintendent.	

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.

Survey Department on the 1st April 1875.

Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Mr. R. R. Beynon ...	1	Officiating Superintendent ...	Oct. 30, 1872	
Captain C. C. Pemberton ...	2	Assistant Superintendent, 1st grade	Oct. 30, 1871	

Classified List of Officers of the Geological

No. of Officers in each grade.	NAMES.	Substantive Appointment.	Duty on which at present employed.
1	Thomas Oldham ... 1st Grade, Rs. 700, rising to Rs. 1,000.	Superintendent, Geological Survey...	Head Quarters ...
1	H. B. Medicott ...	Deputy Superintendent for Bengal	Narbada and Satpura ...
2	W. T. Blanford ...	Ditto for Bombay	Sindh ...
3	William Theobald ...	Assistant, Geological Survey	Sivalik Hills ...
4	Vacant ...	.....	.....
	2nd Grade, Rs. 550, rising to Rs. 700.		
1	William King, Jr. ...	Deputy Superintendent for Madras	Godavari District ...
2	R. B. Foote ...	Assistant, Geological Survey	Nellore and Kristna District ...
3	A. B. Wynne ...	Ditto ...	On furlough ...
4	F. R. Mallet ...	Ditto ...	Naga Hills, Assam ...
	3rd Grade, Rs. 350, rising to Rs. 500.		
1	W. L. Willson ...	Assistant, Geological Survey	Bundelkund ...
2	F. Fedden ...	Ditto ...	Sindh ...
3	C. A. Hacket ...	Ditto ...	On furlough ...
4	T. W. H. Hughes ...	Ditto ...	Wardha Coal Field ...
5	V. Ball ...	Ditto ...	Sambalpur ...
6	Dr. W. Waagen ...	Ditto ...	Office ...
7	A. Tween ...	Curator and Registrar	At Office and Museum ...
8	R. Lydekker ...	Assistant, Geological Survey	Ditto ...
	O. Feistmantel ...	Ditto ...	.....
	Ungraded Officers.		
	Mark Fryar ...	Mining Geologist	British Burma ...
	T. H. Turner ...	Assistant Curator	At Office and Museum ...
	J. Schaumburg ...	Artist	Ditto ...
	Ram Singh, 1st ...	Apprentice	With Mr. Ball ...
	Ram Singh, 2nd ...	Ditto	Office ...
	Hera Lall ...	Ditto	Ditto ...
	Kissen Singh ...	Ditto	Ditto ...

Survey of India on the 1st April 1875.

SALARIES INCLUDING ALLOWANCES.				REMARKS.
Pay.			Total Pay and Allowances.	
Rs.	A.	P.		
1,950	0	0	2,310	
1,000	0	0	1,230	
1,000	0	0	1,230	
1,000	0	0	1,130	
700	0	0	930	
700	0	0	830	Officiating in 1st grade, consequent on vacancy caused by the death of Dr. Stoliczka.
700	0	0	830	
700	0	0	830	
500	0	0	630	Officiating in 2nd grade.
500	0	0	630	
500	0	0	630	
500	0	0	630	
500	0	0	630	
500	0	0	630	
500	0	0	630	
500	0	0	650	
300	0	0	430	
300	0	0	430	Appointed by the Secretary of State, but not yet joined.
800	0	0	1,080	
250	0	0	250	
275	0	0	275	
50	0	0	50	
30	0	0	30	Attending science lectures at the Presidency College.
30	0	0	30	Ditto ditto.
30	0	0	30	Ditto ditto.

General List of Officers of the Geological

Genl. Seniority Number.	NAMES.	Passed in Vernacular.	Age.	Rank.	Grade.	Salary.
			Y. M. D.			Rs.
1	Thomas Oldham ...	...	56 9 13	Supdt., Geol. Survey	...	1,950
2	William Theobald ...	...	45 11 14	Asst., Geol. Survey	1st grade ...	1,000
3	H. B. Medicott ...	...	45 7 29	Deputy Supdt. for Bengal	Ditto ...	1,000+100
4	W. T. Blanford ...	...	42 5 25	Ditto for Bombay	Ditto ...	1,000+100
5	William King, Jr. ...	...	41 8 16	Ditto for Madras	2nd grade ...	700+100
6	W. L. Willson ...	...	51 10 1	Asst., Geol. Survey	3rd grade ...	500
7	R. B. Foote ...	...	40 6 9	Ditto	2nd grade ...	700
8	F. R. Mallet ...	...	34 1 19	Ditto	Ditto ...	700
9	A. Tween ...	Mar. 8, 1865	53 4 26	Curator & Registrar	3rd grade ...	500
10	F. Fedden ...	Oct. 26, 1869	36 0 10	Asst., Geol. Survey	Ditto ...	500
11	C. A. Hacket ...	...	41 8 20	Ditto	Ditto ...	500
12	T. W. H. Hughes ...	...	31 7 30	Ditto	2nd grade ...	700
13	A. B. Wynne ...	...	39 5 17	Ditto	Ditto ...	600
14	V. Ball ...	...	31 8 18	Ditto	3rd grade ...	500
15	Dr. W. Waagen ...	...	31 9 2	Ditto	Ditto ...	300
16	R. Lydekker ...	...	25 8 7	Ditto	Ditto ...	300
17	O. Feistmantel ...	...	...	Ditto	...	...
	Ungraded Officers.					
18	Mark Fryar ...	...	42 9 10	Mining Geologist	No grade ...	800
19	T. H. Turner ...	...	34 9 6	Asst. Curator	...	250
20	J. Schaumburg ...	...	36 8 30	Artist	...	275
21	Ram Singh, 1st ...	...	*	Apprentice	...	50
22	Ram Singh, 2nd ...	...	*	Ditto	...	30
23	Hera Lall ...	...	*	Ditto	...	30
24	Kissen Singh ...	...	*	Ditto	...	30

* Ages not known.

Survey of India on the 1st April 1875.

Date of first appointment to the Department.	Date of appointment to present grade.	Period of service counting for pension.	Present post.	REMARKS.
		Y. M. D.		
Mar. 5, 1851	Mar. 5, 1851	22 7 27	Head Quarters.	
Nov. — 1848	Mar. 31, 1869	22 5 7	Sivalik Hills.	
Mar. 24, 1854	May 1, 1866	20 0 19	Narbada and Satpura.	
Oct. 1, 1855	Ditto	16 8 14	Sindh.	
Mar. 4, 1857	Ditto	16 9 28	Godavari District.	
Ditto	Ditto	16 9 28	Bundelkund.	
Sept. 28, 1858	Ditto	14 11 3	Nellore and Kristna District.	
Feb. 12, 1859	May 1, 1872	11 1 17	Naga Hills, Assam.	
May 12, 1859	May 1, 1866	13 11 29	Curator and Chemist at Office.	
Oct. 1, 1860	Ditto	12 4 0	Sindh.	
Nov. 11, 1861	Ditto	12 8 21	On furlough.	
Nov. 11, 1862	Ditto	10 10 20	Wardha Coal Field.	
Nov. 13, 1862	Mar. 31, 1869	10 9 23	On furlough.	
Oct. 29, 1864	May 1, 1866	10 5 3	Sambalpur.	
Dec. 15, 1870	Dec. 15, 1870	2 3 16	Head Quarters.	
Nov. 26, 1874	Nov. 26, 1874	0 4 5	Ditto.	
.....	.....	...	.....	Appointed by the Secretary of State, but not joined yet. Expected before 1st April.
May 1, 1868	May 1, 1868	6 11 0	British Burma.	
April 1, 1869	April 1, 1869	6 0 0	Museum and Office.	
April 12, 1869	April 12, 1869	5 11 19	Ditto.	
Mar. 21, 1873	Mar. 21, 1873	2 0 11	With Mr. Ball.	
Jan. 7, 1874	Jan. 7, 1874	1 2 25	Office	
Ditto	Ditto	1 2 25	Ditto	Studying in the Presidency College.
Ditto	Ditto	1 2 25	Ditto	Ditto ditto.
Ditto	Ditto	1 2 25	Ditto	Ditto ditto.

I.

Disposition List of Officers of the Geological

Survey of India on the 1st April 1875.

NAMES OF OFFICERS.	Where employed.	No. in General List.	Rank and Grade.	Date of assuming charge.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Office Establishment.					
					1st Grade.	2nd Grade.	3rd Grade.	Non-graded Officers.	Clerks & Draftsmen.	Pressmen and Servants.	No.	No.				
Thomas Oldham	Head Quarters	1	Supdt., Geological Survey.	Mar. 5, 1851	No. 3	No. 4	No. 9	No. 7	No. 9	No. 26						
<i>1st grade.</i> H. B. Medicott	Narbada & Satpura	3	Deputy Supdt., 1st grade.	Mar. 24, 1854	} 3 first grade officers.											
W. T. Blanford	Sindh	4	Ditto	Oct. 1, 1855												
William Theobald	Sivalik Hills	2	Asst., 1st grade	Nov. 1848												
Vacant					} 4 second grade officers.											
<i>2nd grade.</i> William King, Jr.	Godavari District	5	Deputy Supdt., 2nd grade.	Mar. 4, 1857												
R. B. Foote	Nellore District	7	Asst., 2nd grade	Sept. 28, 1858												
A. B. Wynne	On furlough	13	Ditto	Nov. 13, 1862	} 9 third grade officers.											
F. R. Mallet	Assam	8	Ditto	Feb. 12, 1859												
<i>3rd grade.</i> W. L. Willson	Bundelkund	6	Asst., 3rd grade	Mar. 4, 1857												
F. Fedden	Sindh	10	Ditto	Oct. 1, 1860												
C. A. Hacket	On furlough	11	Ditto	Nov. 11, 1861												
T. W. H. Hughes	Wardha coal field	12	Ditto	Nov. 11, 1862												
V. Ball	Sambalpur	14	Ditto	Oct. 29, 1864												
Dr. W. Waagen	At Office	15	Ditto	Dec. 15, 1870												
A. Tween	Museum and Office	9	Ditto	May 12, 1859												
R. Lydekker	Ditto	16	Ditto	Nov. 26, 1874												
O. Feistmantel		17	Not yet joined													
<i>Non-graded Officers.</i> Mark Fryar	British Burma	18	Mining Geologist	May 1, 1868	} 7 non-graded officers.											
F. H. Turner	Office and Museum	19	Asst. Curator	April 1, 1869												
J. Schaumburg	Ditto	20	Artist	April 12, 1869												
Ram Singh, 1st	With Mr. Ball	21	Apprentice	Mar. 21, 1873												
Ram Singh, 2nd	Office	22	Ditto	Jan. 7, 1874												
Hera Lall	Ditto	23	Ditto	Ditto												
Kissen Singh	Ditto	24	Ditto	Ditto												

Where employed during last three years.	Annual cost (salary, contingencies, travelling allowances of officers and their subordinates, if any).*	REMARKS.
1872-73. At Head Quarters ...	Salary ...	Rs. A. P. 4,780 10 3
1873-74. On sick leave ...	...	...
1874-75. Sick leave and Office ...	Allowances ...	905 12 10
		5,686 7 1
1872-73. Narbada Valley ...	Salary and allowances ...	18,426 12 2
1873-74. Head Quarters & Garo Hills ...	Extra travelling, etc. ...	494 10 6
1874-75. Ditto & Narbada ...	...	...
		18,921 6 8
1872-73. On sick leave ...	Salary and allowances ...	3,772 4 0
1873-74. Ditto ...	Extra travelling, etc. ...	400 10 0
1874-75. Sick leave and Sindh ...	...	...
		4,172 14 0
1872-73. British Burma ...	Salary and allowances ...	14,708 6 2
1873-74. Sivalik Hills ...	Extra travelling, etc. ...	537 0 0
1874-75. Ditto ...	...	...
		15,245 6 2
1872-73. Godavari District ...	Salary and allowances ...	17,461 9 0
1873-74. Ditto ...	Extra travelling, etc. ...	1,209 9 0
1874-75. Ditto ...	Native Doctor's pay, etc. ...	428 9 7
		19,099 11 7
1872-73. Upper Kristna Valley ...	Salary and allowances ...	13,990 5 1
1873-74. Nellore and Kristna District. ...	Extra travelling, etc. ...	867 9 6
1874-75. Nellore District ...	...	...
		14,857 14 7
1872-73. Punjab and Kohat ...	Salary and allowances ...	11,812 9 3
1873-74. Rawul Pindi ...	Extra travelling, etc. ...	560 0 0
1874-75. Ditto and furlough ...	Native Doctor's pay, etc. ...	223 8 0
		12,596 1 3
1872-73. Hazaribagh ...	Salary and allowances ...	10,200 0 0
1873-74. Silkim ...	Extra travelling, etc. ...	960 8 8
1874-75. Assam ...	Native Doctor's pay, etc. ...	449 3 10
		11,609 12 6
1872-73. Banda and Rewah ...	Salary and allowances ...	10,653 12 0
1873-74. Bundelkund ...	Extra travelling, etc. ...	616 0 0
1874-75. Ditto ...	...	...
		11,269 12 0
1872-73. On sick leave ...	Salary and allowances ...	10,612 14 5
1873-74. Nizam's Territories ...	Extra travelling, etc. ...	1,164 14 0
1874-75. Furlough and Sindh ...	...	...
		11,777 12 5
1872-73. Narbada Valley ...	Salary and allowances ...	6,064 3 1
1873-74. Rajpootana ...	Extra travelling, etc. ...	350 9 0
1874-75. Furlough ...	...	...
		6,414 12 1
1872-73. Wardha Coal-field ...	Salary and allowances ...	8,814 13 5
1873-74. Nagpur & Nizam's Territory. ...	Extra travelling, etc. ...	1,641 6 0
1874-75. Wardha Coal-field ...	Native Doctor's pay, etc. ...	697 8 0
		11,153 11 5
1872-73. Chota Nagpur ...	Salary and allowances ...	7,785 0 0
1873-74. Satpura ...	Extra travelling, etc. ...	1,168 13 0
1874-75. Sambalpur ...	Native Doctor's pay, etc. ...	433 9 10
		9,387 6 10
1872-73. On sick leave ...	Salary and allowances ...	...
1873-74. Ditto ...	Extra travelling, etc. ...	2,246 1 3
1874-75. Sick leave and Office ...	...	...
1872-73. At Museum and Office ...	Salary ...	5,983 5 4
1873-74. Ditto ...	Allowances ...	1,795 0 0
1874-75. Ditto ...	...	...
		7,778 5 4
1874-75. Office ...	Salary and allowances ...	1,391 10 8
	Extra travelling, etc. ...	...
		13,160 0 0
1872-73. Tenasserim Province ...	Salary and allowances ...	9,800 0 0
1873-74. Ditto ...	Allowances ...	3,360 0 0
1874-75. Ditto ...	...	...
		13,160 0 0
1872-73. At Office and Museum ...	Salary ...	3,000 0 0
1873-74. Ditto ...	...	...
1874-75. Ditto ...	...	...
		3,000 0 0
1872-73. At Office and Museum ...	Salary ...	...
1873-74. Ditto ...	...	...
1874-75. Ditto ...	...	...
1873-74. At Office ...	Salary ...	560 0 0
1871-75. Ditto and Sambalpur ...	Travelling allowances ...	147 14 5
		707 14 5
1873-74. Office ...	Salary ...	360 0 0
1874-75. Ditto ...	...	...
1873-74. Ditto ...	Salary ...	360 0 0
1874-75. Ditto ...	...	...
1873-74. Ditto ...	Salary ...	360 0 0
1874-75. Ditto ...	...	...

Local allowances, if any, unknown.

GENERAL ALPHABETICAL INDEX

OF

OFFICERS IN THE DEPARTMENTS

UNDER THE

DEPARTMENT OF REVENUE, AGRICULTURE & COMMERCE.

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