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

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Classified List of Officers of the Topographical and Revenue Survey Departments as it stood on the 1st October 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, C. S. I., F. R. S.	Surv. Genl. of India and Supdt. of Topographical Surveys ...	...	3,000 0 0	
1	1	Col. J. E. Gastrell, s. c., P. C. ...	Dy. Surv. Genl. and Supdt. of Revenue Surveys, Upper Circle ...	...	2,000 0 0	
		Col. D. C. Vanrenen, R. A., P. H.	Ditto, Lower Circle ...	...	.....	On furlough.
1	1	Lt.-Col. John Macdonald, s. c., P. H.	Offg. ditto ...	...	2,000 0 0	
1	...	Vacant ...	1st Asst. Surv. 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	Offg. Dy. Supdt., 3rd grade, from the 28th March 1875, vice Capt. Riddell on leave.
TOPOGRAPHICAL SURVEY DEPARTMENT.						
SENIOR BRANCH.						
1	...	Dy. Supdt., 1st grade, <i>marm.</i> salary Rs. 1,600, plus pay proper to Engr. Officers.				
		Col. G. H. Saxton, s. c. H. ...	Dy. Supdt., 1st grade ...	...	.....	On furlough.
1	1	Lt.-Col. G. C. Depree, s. c., P. H.	Ditto ...	No. 4 or N.-E. Division. C. P. Survey ...	1,600 0 0	
2	...	Dy. Supdts., 2nd grade, <i>marm.</i> salary Rs. 1,300, plus pay proper to Engr. Officers.				
		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 Mty. Dept. Notification No. 228, dated 2nd March 1875. Received extension of 6 months' leave after expiration of the last extension of leave, vide R. A. & C. Dept. No. 573, dated 16th August 1875.
1	1	Capt. Geo. Strahan, R. E., P. H. ...	Ditto ...	No. 8 or Nundidroog Survey, Mysore Survey ...	1,283 10 0	
		Maj. H. H. Godwin-Austen, s. c., P. H.	Ditto ...	...	.....^a	
3	...	Dy. Supdts., 3rd grade, <i>marm.</i> salary Rs. 1,000, plus pay proper to Engr. Officers.				
1	1	Capt. R. V. Riddell, R. E., P. H.	Dy. Supdt., 3rd grade ...	...	.....	On furlough for 17 months, from 26th March 1875, vide G. O. C. No. 188, dated 10th February 1875.
2	...	Capt. Charles Strahan, R. E. ...	Ditto ...	No. 1 or Gwalior and C. I. Survey ...	1,133 10 0	
		J. O. N. James, Esq. ...	...	...	.....	See Administrative Staff.
		F. B. Girdlestone, Esq. ...	Ditto ...	...	.....	On furlough for 2 years, from 19th October 1874, vide R. A. & C. Dept. Notification No. 9, dated 5th January 1875.
REVENUE SURVEY DEPARTMENT.						
SENIOR BRANCH.						
3	...	Dy. Supdts., 1st grade, <i>marm.</i> salary Rs. 1,600, plus pay proper to Engr. Officers.				
		Lt.-Col. J. Macdonald, s. c., P. H.	Dy. Supdt., 1st grade ...	...	.....	See Administrative Staff.
1	1	Col. H. C. Johnstone, C. B., S. C., P. H.	Ditto ...	1st or Dera Ismail Khan District Survey, Punjab ...	1,627 14 0	Re. 27-14-0 as personal allowance.
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	...	Dy. Supdts., 2nd grade, <i>marm.</i> salary Rs. 1,300, plus pay proper to Engr. Officers.				
		Lt.-Col. A. D. Vanrenen, s. c., P. H.	Dy. Supdt., 2nd grade ...	...	.....	On furlough.
1	1	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	...	R. B. Smart, Esq. ...	Ditto ...	7th or Hamirpur Dist. Survey, N. W. P. ...	1,100 0 0	
3	...	Major J. Sconce, s. c., P. H. ...	Ditto ...	12th or Midnapore District Survey, Bengal ...	1,267 7 8	
4	...	W. Lane, Esq. ...	Ditto ...	9th or Azamgarh Dist. Survey, N. W. P. ...	1,100 0 0	

^a Subsidiary leave for 30 days from 14th July 1875, and leave on urgent private affairs to Europe for 6 months.

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.			Rs. A. P.	
	SENIOR BRANCH—contd.				
6	<i>Dy. Supdts., 3rd grade, maxm. salary Rs. 1,000, plus pay proper to Engr. Officers.</i>				
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. ...	1,224 1 6	On furlough.
3	Major H. C. B. Tanner, Bombay, s. c., P. H. ...	Ditto	11th or 2nd Déccan Topographical Survey, Bombay ...	1,000 0 0	Offg. Dy. Supdt., grade.
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. ...	900 0 0	
	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 ...	1,000 0 0	Offg. 3rd grade, Depr. Supdt.
2	" W. H. Wilkins, s. c., P. H. ...	Ditto	2nd or Gurgaon Dist. Survey, Punjab ...	1,000 0 0	Ditto.
3	J. Campbell, Esq. ...	Ditto	14th or Ganges Dearah Survey, Bengal ...	900 0 0	Ditto.
4	Capt. E. W. Samuells, s. c., P. H. ...	Ditto	10th or 1st Déccan Topogl. Survey ...	1,000 0 0	Ditto.
5	" W. F. Badgley, s. c., P. H. ...	Ditto	No. 6, or Khasi and Garo Hills Survey ...	1,000 0 0	3rd grade, since 29th March.
6	" W. J. Stewart, s. c., P. H. ...	Ditto	13th or Goalpara Dist. Survey, Assam ...	750 0 0	Offg. 3rd grade Deputy Superintendent.
7	" J. E. Sandeman, s. c., P. H. ...	Ditto	8th or Shahabad Dist. Survey, Behar ...	750 0 0	
8	Lieut. T. H. Holdich, R. E., L. S. ...	Ditto	In charge No. 3, or Central Provinces and Vizagapatam Agency Survey ...	820 0 0	Offg. as 3rd grade Dy. Supdt. since 20th March See Administrative Staff.
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	
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. ...	700 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	...		On furlough.
2	" H. S. Hutchinson, s. c., P. H. ...	Ditto	11th or 2nd Déccan Topogl. Survey, Bombay ...	750 0 0	Offg. 1st grade.
3	E. C. Barrett, Esq., H. S. ...	Ditto	7th or Hamirpur Dist. Survey, N. W. P. ...	550 0 0	
4	E. J. Jackson, Esq., L. S. ...	Ditto	14th or Ganges Dearah Survey, Bengal ...	550 0 0	
5	Capt. E. H. Steel, s. c., H. S. ...	Ditto	5th or Banda Dist. Survey, N. W. P. ...	624 1 6	Rs. 21-1-6 Personal Allowance
6	" R. Beavan, s. c., P. H. ...	Ditto	1st or Dera Ismail Khan Dist. Survey, Punjab ...	624 1 6	Ditto.
7	Lieut. R. G. Woodthorpe, R. E., L. S. ...	Ditto	No. 6, or Khasi and Garo Hills ...	670 0 0	
8	" E. P. Leach, R. E., L. S. ...	Ditto	No. 7, or Rajpootana Survey ...	670 0 0	
9	H. E. Gastrell, Esq., L. S. ...	Ditto	12th or Shahabad Dist. Survey, Bengal ...	550 0 0	Supernumerary.
10	G. H. Cooke, Esq., L. S. ...	Ditto	9th or Azamgarh Dist. Survey, N. W. P. ...	550 0 0	Ditto.
7	<i>Asst. Supdts., 3rd grade, maxm. salary Rs. 500, plus pay proper to Engr. Officers.</i>				
	<i>Civil Officers—Rs. 400.</i>				
1	Capt. W. L. Wavell, s. c., P. H. ...	Asst. Supdt., 3rd grade	2nd or Gurgaon Dist. Survey, Punjab ...	624 1 6	Rs. 124-1-0 Personal Allowance.
2	Lieut. G. W. Martin, s. c., H. S. ...	Ditto	10th or 1st Déccan Topogl. Survey, Bombay ...	500 0 0	
3	Lieut. A. J. C. Scott, s. c., H. S. ... Lieut. J. R. Hobbday, s. c., H. S. ...	Ditto	...		On furlough for 2 years.
4	Vacant, owing to Officers on furlough.		No. 1, or Gwalior and Central India Topogl. Survey ...	500 0 0	

Departments as it stood on the 1st October 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. JUNIOR BRANCH. SURVEYORS.				Rs. A. P.	
3	1st grade—Salary Rs. 500.				
1	Mr. N. A. Belletty, L. S.	Surveyor, 1st grade	On duty at Head-Quarters	500 0 0	
8	" J. F. Baness	Ditto	On duty as Chief Draftsman at Head-Quarters Office	600 0 0	Supernumerary.
2	" A. Chamarett	Ditto	On duty at Head-Quarters Office	500 0 0	(a) Exclusive of Rs. 45 as Presidency house-rent.
3	" H. J. Bolst	Ditto	No. 1, or Gwalior & C. I. Surv.	500 0 0	
4	2nd grade—Salary Rs. 400.				
1	Mr. G. A. McGill	Surveyor, 2nd grade	No. 4, or N. E. Divn., C. P. Surv.	500 0 0	(b) Offg. Surveyor, 1st grade, from 1st January 1874.
2	" D. Atkinson	Ditto	No. 2, or Khandesh and Bombay Native States Survey	400 0 0	Reverted to substantive grade, 1st May 1875.
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	
	3rd grade—Salary Rs. 350.				
1	" A. J. Wilson, L. S.	Surveyor, 3rd grade	No. 2 Topogr. Party, Khandesh and Bombay Native States Survey	350 0 0	
2	" J. A. May	Ditto	No. 3, or C. P. and Vizagapatam Agency Survey	350 0 0	
3	Vacant.				
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	
9	ASSISTANT SURVEYORS. 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	On duty at Head-Quarters	250 0 0	Leave on medl. certificate for 4 months, from 1st Jan. 1876.
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. 8, or Nundidroog Survey, Mysore	250 0 0	
9	" W. Stotesbury	Ditto	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. 8, or Nundidroog Survey, Mysore	200 0 0	
5	" W. F. Pettigrew	Ditto	No. 3, or C. P. and Vizagapatam Agency Survey	200 0 0	Leave on medl. certificate for 15 months from 7th November 1874.
5	" P. J. W. Doran, L. S.	Ditto	No. 1, or Gwalior & C. I. Surv.	200 0 0	
6	" H. T. Kitchen	Ditto	No. 5, or Bhopal & Malwa Surv.	200 0 0	
7	" A. Cooper	Ditto	No. 3, or C. P. and Vizagapatam Agency Survey	200 0 0	
8	" J. H. Wilson	Ditto	No. 4, or N. E. Divn., C. P. Surv.	200 0 0	Served previously in the Pegu Survey from 22nd Jan. 1863.
9	Vacant				
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. 3, or C. P. and Vizagapatam Agency Survey	160 0 0	
6	" W. C. G. Bareckley	Ditto	On duty at Head Quarters	160 0 0	
7	Vacant.				
9	Vacant.				

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.				Rs. A. P.	
JUNIOR BRANCH.					
ASSISTANT SURVEYORS—contd.					
<i>4th grade—Salary Rs. 120.</i>					
8	1 Mr. Geo. Vander Beck	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 Khandesh 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	Leave of absence for 2 months from
	2 " William Henry Patterson, L.S.	Ditto		500 0 0	Exclusive of Rs. 15, half-scale local allowance whilst in the field.
4	<i>2nd grade—Salary Rs. 400.</i>				
	5 Mr. Frederick William Kelly, B.S.	Reve. Surveyor, 2nd grade		400 0 0	On deputation to Darraze Lakhiraj Holdings Survey. Exclusive of Assam and deputation allowance Rs. 50.
	1 " Charles William Campbell	Ditto	5th or Banda District Survey, N. W. P.	400 0 0	Exclusive of personal allowance Rs. 100. Supernumerary.—Doing duty in Head-Quarters' Office.
	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	
7	<i>3rd grade—Salary Rs. 350.</i>				
	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	
	5 " 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	Leave of absence for 3 months, from 6th April 1875.
	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 " George Rae	Ditto	8th or Shahabad District Surv., Behar	350 0 0	
	8 " Samuel Mack Smylie	Ditto	11th or 2nd Deccan Topographical Survey, Bombay	350 0 0	Exclusive of full-scale local allowance Rs. 10.
14	<i>4th grade—Salary Rs. 300.</i>				
	1 Mr. Jas. Stewart Pemberton, L. S.	Reve. Surveyor, 4th grade	2nd or Gurgaon District Survey, Punjab	300 0 0	
	2 " William Robert Vvall	Ditto	13th or Goalpara District Survey, Assam	300 0 0	
	3 " Henry Ross Littlewood	Ditto	9th or Azamgarh District Surv., N. W. P.	300 0 0	
	4 " Wm. Alexander Wilson, L. S.	Ditto	14th or Ganges Dearah Survey, Bengal	300 0 0	
	5 " 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.

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

No. sanctioned. No. existing in each grade.	NAMES.	Substantive Appoint- ment.	Survey Party to which at present attached.	Consolidated Salary.	REMARK.
	REVENUE SURVEY DEPARTMENT.			Rs. A. P.	
	JUNIOR BRANCH.				
	SURVEYORS.				
	<i>4th grade—contd.</i>				
6	Mr. George Robert Buttress ...	Reve. Survr., 4th grade	8th or Shahabad District Survey, Behar ...	300 0 0	
7	„ Thomas Wilfred Reilly, L. s.	Ditto ...	11th or 2nd Deccan Topographical Survey, Bombay ...	300 0 0	Exclusive of full-scale local allowance, Rs. 36.
8	„ Alexander Macdonald Lawson, L. s. ...	Ditto ...	10th or 1st Deccan Topog. Survey, Bombay ...	300 0 0	Exclusive of full-scale local allowance, Rs. 36.
9	„ Andrew John Gibson ...	Ditto ...	1st Dera Ismail Khan District, Punjab ...	300 0 0	Exclusive of Rs. 15 half scale local allowance while in field.
10	„ Henry Dowman ...	Ditto ...	7th or Hamirpur Dist. Survey, N. W. P. ...	300 0 0	
11	„ Edwin Little ...	Ditto ...	7th or Hamirpur Dist. Surv., N. W. P. ...	300 0 0	
12	„ Henry Townsend Hanby, L. s.	Ditto ...	4th or Moradabad Dist. Surv., N. W. P. ...	300 0 0	
13	„ George Batley Scott, L. s. ...	Ditto ...	13th or Goalpara Dist. Surv., Assam ...	300 0 0	
14	Vacant.				
	ASSISTANT SURVEYORS.				
	<i>1st grade—Salary Rs. 250.</i>				
6	1 Mr. John Nathaniel Stoelké ...	Asst. Reve. Survr., 1st grade.	13th or Goalpara Dist. Surv., Assam ...	250 0 0	
	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	
	8 „ James Connor ...	Ditto ...	...	250 0 0	} Supernumerary.—Doing duty in Head Quarters' Office.
	8 „ Thomas Henry Dunne, L. s.	Ditto ...	...	250 0 0	
	7 „ William James Lane ...	Ditto ...	9th or Azamgarh Dist. Surv., N. W. P. ...	250 0 0	
	<i>2nd grade—Salary Rs. 200.</i>				
a } 11	1 Mr. John Thomas Uniacke Coxen	Asst. Reve. Survr., 2nd grade.	13th or Goalpara Dist. Surv., Assam ...	200 0 0	} Supernumerary.—Temporarily transferred to Civil Department for Cooh Behar Khusras Survey.
	8 „ Thomas Dearman Moran ...	Ditto ...	...	200 0 0	
	2 „ John Newland, L. s. ...	Ditto ...	10th or 1st Deccan Topog. Surv., Bombay ...	200 0 0	Exclusive of full-scale local allowance, Rs. 24. Leave of absence for 1 month from On furlough.
	3 „ Thomas Patterson	Ditto ...	...	...
	3 „ Richard Cunningham Dundee Ewing, L. s. ...	Ditto ...	14th or Ganges Dearah Surv., Bengal ...	200 0 0	
	4 „ George William Jarbo ...	Ditto ...	5th or Banda Dist. Surv., N. W. P. ...	200 0 0	
	5 „ James Reid Scott, L. s. ...	Ditto ...	Ditto ditto ...	200 0 0	
	6 „ John McHatton, L. s. ...	Ditto ...	9th or Azamgarh Dist. Surv., N. W. P. ...	200 0 0	
	7 „ 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.
	8 „ Septimus Oswald Madras ...	Ditto ...	4th or Moradabad Dist. Surv., N. W. P. ...	200 0 0	
	8 „ Thomas Frederick Freeman, L. s.	Ditto ...	14th or Ganges Dearah Surv., Bengal ...	200 0 0	} Supernumerary. Doing duty at Head Quarters' Office.
	9 „ George Carleton Swiney ...	Ditto ...	12th or Midnapore Dist. Surv., Bengal ...	200 0 0	
	10 } Vacant.				
	11 }				
	<i>3rd grade—Salary Rs. 160.</i>				
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 Seyers ...	Ditto ...	Ditto ditto ...	160 0 0	
	3 „ Alfred Collimore Wilson Lemarchand, L. s. ...	Ditto ...	10th or 1st Deccan Topog. Survey, Bombay ...	160 0 0	} Exclusive of local allowance Rs. 19-3-2.
	4 „ John Sidney Swiney ...	Ditto ...	6th or Agra Dist. Surv., N. W. P.	160 0 0	

a. Includes 1 Loveler.

b. Includes 2 Levelers.

Classified List of Officers of the Topographical and Revenue Survey Departments as it stood on the 1st October 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.			Rs. A. P.	
	JUNIOR BRANCH.				
	ASSISTANT SURVEYORS.				
	3rd grade—continued.				
5	Mr. George Latter Rodway Scott, L. s. ...	Asst. Reve. Surveyor, 3rd grade ...	6th or Agra District Survey, N. W. P. ...	160 0 0	
6	„ James O'Toole ...	Ditto ...	13th or Goalpara Dist. Surv., Assam ...	160 0 0	
7	„ William Joseph Lincoln, L. s. ...	Ditto ...	4th or Moradabad Dist. Surv., N. W. P. ...	160 0 0	
8	„ Benjamin Anderson L. s. ...	Ditto ...	2nd or Gurgaon Dist. Survey, Punjab ...	160 0 0	
9	„ Thomas Shaw, L. s. ...	Ditto ...	8th or Shahabad Dist. Surv., Behar ...	160 0 0	
10	„ William Henry Penrose, L. s. ...	Ditto ...	11th or 2nd Deccan Topog. Survey ...	160 0 0	
11	„ Edmund James Martin ...	Ditto ...	6th or Agra Dist. Surv., N. W. P. ...	160 0 0	
12	„ William Dease Corbett ...	Ditto ...	7th or Hamirpur Dist. Surv., N. W. P. ...	160 0 0	
13	„ George Edwin Parker ...	Ditto ...	12th or Midnapore Dist. Surv., Bengal ...	160 0 0	
14	„ George Campbell ...	Ditto ...	7th or Hamirpur Dist. Surv., N. W. P. ...	160 0 0	
15	Vacant.				
	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	
	12 „ Richard Randall Dickinson ...	Ditto ...	10th or 1st Deccan Topog. Survey, Bombay ...	120 0 0	
	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 „ Thos. Campbell ...	Ditto ...	... ..	120 0 0	
	21 „ Lionel Fitzhardinge Berkeley ...	Ditto ...	4th or Moradabad Dist. Surv. ...	120 0 0	

Exclusive of full-scale local allowance, Rs. 19-3-2.

Exclusive of Rs. 10-15 8-hat scale local allowance, whilst in the field.
Exclusive of full-scale local allowance, Rs. 21-9-7.

a. Includes 1 Leveler and 4 additional Assistants sanctioned to strengthen 4 parties.

General List of the Officers of the Topographical and

Revenue Survey Departments on the 1st October 1875.

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		54 0 6	Depty. Supdt., Revenue Survey	2nd grade...	1,100 0 0
2	James Campbell		47 9 0	Asst. Supdt., Revenue Survey	1st grade...	900 0 0
3	J. O. N. James		46 1 24	Asst. Surveyor General	2nd grade...	900 0 0
4	R. B. Smart		48 7 13	Depty. Supdt., Revenue Survey	Ditto	1,100 0 0
5	Colonel D. C. Vanvenen	P. H.	53 4 15	Supdt. of Reve. Surv., Lower Circle		
6	Mr. G. H. Blythe		46 0 9	Revenue Surveyor	2nd grade...	400 0 0
7	E. Loftie		47 11 25	Ditto	Ditto	400 0 0
8	G. Housden		44 9 0	Ditto	1st grade...	500 0 0
9	N. A. Belletty	L. S.	47 0 26	Topographical Surveyor	Ditto	500 0 0
10	C. David		47 9 15	Revenue Surveyor	3rd grade...	350 0 0
11	E. T. S. Johnson		47 5 17	Deputy Supdt., Revenue Survey	Ditto	900 0 0
12	H. B. Talbot	L. S.	46 11 20	Assistant Supdt., Revenue Survey	1st grade...	700 0 0
13	Colonel G. H. Saxton, S. C.	P. H.	55 8 3	Depty. Supdt. of Topogl. Survey	Ditto	1,600 0 0
14	Mr. W. H. Patterson		36 7 14	Revenue Surveyor	Ditto	500 0 0
15	Colonel J. E. Gastrell, s. c.	P. C.	56 8 29	Supdt. of Revenue Surveys, Upper Circle, and Depty. Survr. Genl.		2,000 0 0
16	Mr. A. Chamarett		42 10 1	Topographical Surveyor	1st grade...	500 0 0
17	H. J. Bolst		38 7 0	Ditto	Ditto	500 0 0
18	Lieut. Col. J. Macdonald, s. c.	P. H.	45 4 20	Depty. Supdt., Revenue Survey	Ditto	2,000 0 0
19	F. C. Anderson, s. c.	P. H.	48 3 23	Ditto	Ditto	1,627 14 0
20	Col. H. C. Johnstone, c. b., s. c.	P. H.	52 3 4	Ditto	Ditto	1,627 14 0
21	Mr. C. W. Campbell		44 5 9	Revenue Surveyor	2nd grade...	400 0 0
22	H. Horst		41 4 24	Asst. Supdt., Topogl. Survey	Ditto	700 0 0
23	Lt. Col. G. C. Depree, s. c.	P. H.	43 1 28	Depty. Supdt., Topogl. Survey	1st grade...	1,600 0 0
24	Mr. G. A. McGill		37 5 7	Topographical Surveyor	2nd grade...	600 0 0
25	W. Sinclair		37 0 23	Revenue Surveyor	3rd grade...	350 0 0
26	G. R. Buttress		35 2 15	Ditto	4th grade...	300 0 0
27	W. R. Vvall		36 9 17	Ditto	Ditto	300 0 0
28	Col. A. D. Vanvenen, S. C.	P. H.	44 7 0	Depty. Supdt., Revenue Survey	2nd grade...	400 0 0
29	Frank		39 6 21	Revenue Surveyor	Ditto	400 0 0
30	Atkinson		37 4 23	Topographical Surveyor	Ditto	400 0 0
31	Vanderputt		36 11 15	Ditto	Ditto	400 0 0
32	James		35 3 1	Ditto	Ditto	600 0 0
33	New		36 2 8	Ditto	Ditto	400 0 0
34	Field	L. S.	35 2 9	Revenue Surveyor		350 0 0
35	Day		31 3 5	Ditto		350 0 0
36	G. Murray, S. C.	P. H.	40 6 21	Depty. Supdt., Topogl. Survey		

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 Oct. 1875.	Present Post.	REMARKS.
		Y. M. D.		
Feb. 10, 1837	Mar. 4, 1873	29 0 8	9th or Azamgarh Dist., Revenue Survey, N. W. P.	Periods of deductions from service of Mr. W. Lane. Y. M. D. Service before age of 22 years, from 10th February 1837 to 24th September 1843 ... 6 7 13 Portion of sick leave, medical certificate to Europe from 25th September 1843 to 8th June 1844 ... 0 8 15 Sick leave from 13th or 10th November 1846 ... 0 0 4 Sick leave medical certificate, to Europe, from 21st May 1847 to 11th August 1848 ... 2 2 24 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 TOTAL ... 9 7 11
Oct. 8, 1844 July 29, 1845	Nov. 29, 1867 April 1, 1869	30 11 24 30 2 3	14th or Ganges Dearah Reve. Surv., Bengal ... Asst. Survr. Genl., in charge Cartographic and Engraving Branches, Head Quarters, Calcutta	Officiating Deputy Superintendent, 3rd grade. Rs. 200 local allowance.
Sept. 21, 1846	Nov. 6, 1868	28 1 9	7th or Hamirpur District Revenue Survey, N. W. P.	Sick leave, from 2nd May to 30th June 1849. Ditto from 20th October 1849 to 20th January 1850. Ditto from 6th July 1857 to 13th January 1858. Note.—Absence without leave for three days in October 1863, was erroneously entered in list on the 1st October 1872 against Mr. R. B. Smart's name. Leave of absence for 3 months from
Oct. 3, 1846 Dec. 1, 1846 Jan. 1, 1847 Feb. 18, 1847	Mar. 11, 1867 Jan. 1, 1872 Jan. 1, 1871 July 1, 1867	28 5 0 28 9 0 28 7 11	2nd or Gurgaon Dist. Reve. Surv., Punjab ... Ditto ditto. 1st or Dera Ismail Khan District Revenue Survey, Punjab.	On furlough, private affairs, for 2 years. Sick leave, from 21st November 1870 to 20th April 1871.
July 16, 1847 Sept. 1, 1847 Oct. 13, 1847	April 1, 1866 Jan. 1, 1872 July 5, 1870	28 2 16 28 1 0 27 11 19	On duty at Head Quarters. 12th or Midnapur Dist. Reve. Surv., Bengal 6th or Agra Dist. Reve. Surv., N. W. P.	Office Asst., from 1st Sept. 1847 to 31st Dec. 1849.
Dec. 1, 1848 April 24, 1849 Dec. 1, 1851	Sept. 12, 1870 April 1, 1866 Jan. 1, 1871	26 10 0 23 0 0	Ditto ditto. On deputation to Darrang Lakhirj Holding Survey, Assam. Calcutta—Supdt., Revenue Surveys, Upper Circle, and Deputy Surveyor General.	On furlough to Europe for 2 years, from 4th Feb. 1874. Private affairs' leave from 1st May to 31st Augt. 1862.—Eur., leave on private affairs, from 20th July 72 to 18th Jan. 73. Permitted to retain appt. until 11th Dec. 72—Vide R.A.C. Dept. Notification No. 838, dated 19th Dec. 73.
Jan. 13, 1852	{ Mar. 11, 1867 Dec. 11, 1873 }	{ }	Geographical Examiner, Head Quarters ... Calcutta—Officiating Supdt., Revenue Surveys, Lower Circle, and Deputy Surveyor General.	Exclusive of Rs. 45 as Presidency house-rent. On furlough, from 3rd November 1873 to 30th April 1875.
June 2, 1852 July 26, 1852 Sept. 10, 1852	Mar. 1, 1871 Oct. 1, 1872 April 1, 1866	23 3 29 22 6 8	5th or Banda District Revenue Survey, N. W. P. 1st or Dera Ismail Khan District Revenue Survey, Punjab.	On furlough, private affairs, for 2 years, from 1st Dec. 1873.
Nov. 1, 1853 Sept. 1, 1854	July 1, 1870 Oct. 1, 1869	21 11 0 21 1 0	5th or Banda Dist. Reve. Surv., N. W. P. In charge No. 2 or Khandesh and Bombay Native States Topographical Survey.	Reverted to substantive grade, 1st May 1875.
Oct. 20, 1854	Oct. 20, 1866	...	No. 4 or North-Eastern Divn., Central Provinces Topographical Survey.	
April 8, 1855	Jan. 1, 1871	20 5 23	Ditto ditto ...	
Oct. 1, 1855 Nov. 1, 1855 June 13, 1856	April 1, 1869 Oct. 31, 1872 April 1, 1869	20 0 0 18 8 17 19 3 18	4th or Moradabad Dist. Reve. Surv., N. W. P. 8th or Shahabad Dist. Reve. Surv., Behar ... 13th or Godlpara District Revenue Survey, Assam.	Sick leave, from 9th to 23rd July 1868. Ditto, from 3rd September 1868 to 30th October 1869.
July 8, 1856 July 11, 1856 Aug. 4, 1856	July 8, 1866 April 1, 1872 Jan. 1, 1871	19 2 21 19 1 28	8th or Shahabad Dist. Reve. Surv., Behar. No. 2 Topogl. Party, Khandesh and Bombay Native States Survey.	On furlough, private affairs, for 2 years, from 1st Dec. 1873.
Sept. 1, 1856 Sept. 5, 1856 Sept. 15, 1856	Oct. 1, 1874 May 1, 1870 Oct. 1, 1871	19 1 0 19 0 26 19 0 16	No. 4 or N. E. Divn., C. P. Topogl. Surv. Chief Draftsman, Head Quarters No. 2 or Khandesh and Bombay Native States Topographical Survey.	Service reckoned under new rules.
Sept. 20, 1856 Ditto	April 1, 1869 Jan. 1, 1871	19 0 11 17 7 2	7th or Hamirpur Dist. Reve. Surv., N. W. P. 3rd or Bhawalpur State Reve. Surv., Punjab	Private affairs, furlough to Europe, from 11th Dec. 1866 to 8th Dec. 1868.—Sick leave, from 9th Nov. 1869 to 19th April 1870. Leave of absence 3 months' from 6th April 1875.
May 8, 1857	April 1, 1869	...	...	On furlough to Europe for 2 years, up to 14th February 1874. Since extended for 0 months—Vide Military Department Notification No. 228, dated 2nd March 1875. Received extension of 0 months' leave after expiration of the last extension, vide E. A. & C. Dept. No. 573, dated 10th August 1875.

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 October 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.
141	Mr. T. Shaw	L. S.	22 11 0	Asst. Revenue Surveyor	3rd grade	160 0 0
142	" H. E. Gastrell	L. S.	26 7 23	Asst. Supdt. Revenue Survey	2nd grade	450 0 0
143	" W. Robert	L. S.	24 7 3	Asst. Topographical Surveyor	Ditto	160 0 0
144	" W. H. Penrose		24 0 9	Asst. Revenue Surveyor	Ditto	160 0 0
145	Captain J. R. Wilmer, s. c.	H. S.	34 8 12	Asst. Supdt., Topogl. Survey	1st grade	750 0 0
146	Mr. F. E. Warde		24 0 24	Asst. Topographical Surveyor	3rd grade	160 0 0
147	" C. T. Templeton		23 0 27	Ditto ditto	Ditto	160 0 0
148	" A. D. Smart		45 0 2	Revenue Surveyor	Ditto	350 0 0
149	" G. E. Parker		25 8 3	Asst. Revenue Surveyor	Ditto	160 0 0
150	" J. McCly		21 11 23	Asst. Topographical Surveyor	Ditto	160 0 0
151	Captain L. Wavell, s. c.	P. H.	33 10 16	Asst. Supdt., Revenue Survey	Ditto	624 1 6
152	Lieut. H. W. Martin, s. c.	H. S.	28 4 17	Ditto ditto	Ditto	500 0 0
153	Mr. P. S. Ross		20 9 0	Proby. Asst. Revenue Surveyor	4th grade	120 0 0
154	Lieut. R. G. Woodthorpe, R. E.	L. S.	31 0 8	Asst. Supdt., Topogl. Survey	3rd grade	670 0 0
155	Mr. P. E. Heberlet		21 2 16	Proby. Asst. Revenue Surveyor	4th grade	120 0 0
156	Lieut. E. P. Leach, R. E.	L. S.	28 5 29	Asst. Supdt., Topogl. Survey	3rd grade	670 0 0
157	Mr. C. W. J. Ford		22 6 21	Proby. Asst. Revenue Surveyor	4th grade	120 0 0
158	" W. C. G. Barckley		23 11 10	Asst. Topographical Surveyor	3rd grade	160 0 0
159	" A. W. Smart		24 7 16	Proby. Asst. Revenue Surveyor	4th grade	120 0 0
160	Lieut. A. J. C. Scott, s. c.	H. S.	27 1 23	Asst. Supdt., Revenue Survey	3rd grade	120 0 0
161	Mr. B. M. Wilson		27 5 17	Proby. Asst. Revenue Surveyor	4th grade	120 0 0
162	" H. G. Young	H. S.	24 5 19	Ditto ditto	Ditto	120 0 0
163	" R. R. Dickinson	L. S.	24 2 6	Ditto ditto	Ditto	120 0 0
164	" G. Vander Beek		26 0 15	Asst. Topographical Surveyor	Ditto	120 0 0
165	" G. H. O'Donel		28 2 3	Proby. Asst. Revenue Surveyor	Ditto	120 0 0
166	" W. M. Kelly		21 1 25	Asst. Topographical Surveyor	Ditto	120 0 0
167	" J. Murray		23 1 16	Ditto ditto	Ditto	120 0 0
168	" A. Kitchen		22 8 5	Ditto ditto	Ditto	120 0 0
169	" P. White		24 11 8	Ditto ditto	Ditto	120 0 0
170	" E. P. S. Hill		21 3 17	Proby. Asst. Revenue Surveyor	Ditto	120 0 0
171	" E. H. S. Gaspar		21 10 16	Ditto ditto	Ditto	120 0 0
172	" H. C. Bradley		23 10 10	Ditto ditto	Ditto	120 0 0
173	" T. Anderson		22 3 6	Ditto ditto	Ditto	120 0 0
174	" E. B. M. Drew		21 5 10	Ditto ditto	Ditto	120 0 0
175	" C. T. J. Dease		20 3 4	Ditto ditto	Ditto	120 0 0
176	" T. Downes		22 8 22	Ditto Topogl. Surveyor	Ditto	120 0 0
177	" E. Graham		21 11 0	Ditto ditto	Ditto	120 0 0
178	" G. L. Fleming		21 6 0	Ditto ditto	Ditto	120 0 0
179	" G. R. Copping		21 6 0	Ditto ditto	Ditto	120 0 0
180	" G. A. Knight		20 11 9	Ditto ditto	Ditto	120 0 0
181	" P. A. Peters	L. S.	20 9 23	Ditto Revenue Surveyor	Ditto	120 0 0
182	" H. R. Adels		25 6 25	Ditto ditto	Ditto	120 0 0
183	" C. S. Kraal		22 0 6	Ditto ditto	Ditto	500 0 0
184	Lieut. J. R. Hobday, s. c.		25 2 16	Asst. Supdt. Topogl. Survey	3rd grade	120 0 0
185	Mr. Duncan Campbell			Asst. Topogl. Surveyor	4th grade	120 0 0
186	" Thos. Campbell		18 8 16	Proby. Asst. Revenue Surveyor	Ditto	120 0 0
187	" L. F. Berkeley		21 1 3	Ditto ditto	Ditto	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 Oct. 1875.	Present Post.	REMARKS.
		Y. M. D.		
April 21, 1869	May 1, 1873	0 11 0	8th or Shahabad Dist. Reve. Surv., Behar.	
April 26, 1869	April 26, 1870	4 7 23	12th or Midnapore Dist. Reve. Surv., Bengal	Supernumerary.
Aug. 21, 1869	Oct. 1, 1872	2 7 3	No. 6 or Khasi & Garo Hills Topogl. Surv.	
Aug. 11, 1869	June 4, 1873	2 0 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	2 0 24	No. 7 or Rajpootana and Simla Topogl. Surv.	
Ditto	Ditto	1 0 27	No. 1 or Gwalior and C. I. Topogl. Survey.	
*Oct. 1, 1870	Oct. 1, 1870	5 0 0	Supdt. of Revenue Surveys' Office, Calcutta...	* Commencement of second service.
Nov. 18, 1870	July 8, 1874	3 8 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	April 1, 1874	...	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 3rd Aug. 1871 to 11th Sept. 1872.
Oct. 6, 1871	April 1, 1874	...	No. 7 or Rajpootana Topogl. Survey.	
Nov. 1, 1871	...	0 6 21	4th or Moradabad Dist. Reve. Surv., N. W. P.	
Dec. 1, 1871	Feb. 1, 1874	1 11 10	On duty at Head Quarters.	
Ditto	Jan. 1, 1872	2 7 16	6th or Agra Dist. Reve. Surv., N. W. P.	Apprentice, from 1st to 31st December 1871.
Jan. 17, 1872	Jan. 17, 1873	3 8 0	...	Europe, p. a., for 2 years, from 14th July 1874.
Feb. 1, 1872	Nov. 15, 1872	2 5 19	12th or Midnapore Dist. Reve. Surv., Bengal	Apprentice, from 1st February to 14th November 1872.
Feb. 16, 1872	Sept. 1, 1872	...	5th or Banda District Revenue Survey, North-Western Provinces.	
April 1, 1872	April 16, 1873	2 2 6	10th or 1st Deccan Topogl. Survey, Bombay Presidency.	Apprentice, from 1st April 1872 to 16th April 1873.
July 1, 1872	...	3 3 0	No. 3 or Central Provinces and Vizagapatam Agency Topographical Survey.	
July 23, 1872	...	2 11 9	4th or Moradabad Dist. Reve. Surv., N. W. P.	Commencement of second service. Sick leave from 1st April to 30th December 1874.
Oct. 1, 1872	...	Nil	No. 1 or Gwalior and Central India Topographical Survey.	
Ditto	...	1 1 16	No. 5 or Bhopal and Malwa Topogl. Survey.	
Ditto	...	1 8 5	Ditto ditto.	
Ditto	...	2 11 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 10 10	1st or Dera Ismail Khan Dist. Revenue Survey, Punjab.	
April 17, 1873	...	0 3 6	9th or Azamgarh Dist. Revenue Survey, N. W. P.	
May 5, 1873	...	...	5th or Banda Dist. Revenue Survey, North-Western Provinces.	
June 1, 1873	Dec. 1, 1874	Nil	3rd or Bhawalpur State Revenue Survey	Office Asst., from 1st June 1873 to 30th November 1874.
Aug. 11, 1873	...	0 8 22	No. 5 or Bhopal and Malwa Topogl. Survey	Previous service as Sub-Surv. from 1st Nov. 1872.
Ditto	...	...	No. 2 or Khandesh and Bombay Native States Topographical Survey.	Ditto ditto.
Ditto	...	...	No. 4 or N. E. Divn. C. P., Topogl. Survey.	
Ditto	...	...	No. 5 or Bhopal and Malwa Topogl. Survey	Previous service as apprentices from 1st October 1872.
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 7 10	14th or Ganges Devarah Reve. Surv., Bengal.	
July 24, 1874	...	0 0 6	2nd or Gurgaon District Reve. Surv., Punjab.	
Sept. 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 1872.
May 1, 1875	...	...	6th or Agra District Revenue Survey.	
Aug. 16, 1875	...	...	4th or Moradabad District Revenue Survey.	

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

Calcutta, and of the Topographical Survey Department, on the 1st October 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.	Burkundazes.	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, Bhynsrargarh and Joura.	5	1	112	1	10	...	60,340
2	Khandesh and Bombay Native States, Holkar's territory South of the Nerbudda.	10	1	63	1	13	...	54,014
3	Jeypur, Madgul, and Golconda, in the Vizagapatam Agency, and Rampa Zemindary of District Rajamundry in the Madras Presidency.	1	...	37	...	7	1	58,056
4	Districts of Bilaspur, Mandla, and Balaghat, in the Central Provinces.	5	1	53	1	2	...	60,000

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. Capt. W. G. Murray, S. C.	... 36	Surv. Genl. of India and Supdt. of Topogr. Surveys Assistant Surveyor General	Mar. 13, 1861.	On furlough to Europe for 2 years, from the 14th February 1873, and obtained an extension of 6 months. <i>Vide</i> Notification No. 238, dated 2nd March 1875. Received extension of 8 months' leave after expiration of the last extension of leave. <i>Vide</i> Revenue, Agriculture and Commerce Dept., No. 573, dated 18th August 1875.
J. O. N. James, Esq. Capt. J. Waterhouse, s. c.	3 110	Assistant Surveyor General Assistant Surveyor General	April 1, 1866 July 23, 1866	In charge Cartographic and Engraving Branches. In charge Photographic and Lithographic Branches. Officiating Deputy Superintendent, 3rd grade, from the 28th March 1875, vice Capt. Biddell, on leave.
Captain Charles Strahan, R. E. (in charge) Lieutenant J. R. Hobday, s. c.	81 184	Deputy Superintendent, 3rd grade Proby. Asst. Superintendent, 3rd grade.	Oct. 13, 1867.	On furlough to Europe, from 3rd November 1873 to 30th April 1875.
Mr. H. J. Bolst " R. D. Farrell " W. J. Cornelius " P. J. W. Doran " C. T. Templeton " G. A. Knight	17 50 111 118 147 180	Surveyor, 1st grade Ditto, 4th grade. Asst. Surveyor, 2nd grade. Ditto, 2nd grade. Ditto, 3rd grade. Proby. Ditto, 3rd grade.		
F. B. Girdlestone, Esq., (in charge) H. Horst, Esq. Offg. in charge Mr. D. Atkinson " R. W. Chew " A. J. Wilson " A. G. Wyatt " E. Graham	75 22 30 33 47 58 177	Depy. Supdt., 3rd grade Asst. Supdt., 1st grade Surveyor, 2nd grade. Surveyor, 2nd grade. Surveyor, 3rd grade. Surveyor, 4th grade. Proby. Ditto, 4th grade.	Dec. 4, 1871.	On furlough for 2 years, from 19th Oct. 1874. Officiating in 1st grade.
Colonel G. H. Saxton, S. C. Lieut. T. H. Holdich, R. E., (in charge) " J. A. May " F. Adams " T. E. M. Claudius " W. F. Pettigrew " A. Cooper " J. McCay " G. Vander Beek " Duncan Campbell	13 109 48 49 79 113 125 150 164 185	Depy. Supdt., 1st grade Asst. Supdt., 1st grade Surveyor, 3rd grade. Ditto, 4th ditto. Asst. Surveyor, 1st grade. Ditto, 2nd grade Ditto, 2nd grade. Ditto, 3rd grade. Ditto, 4th grade. Ditto, 4th grade.	April 1850 Dec. 15, 1873.	On furlough to Europe for 2 years, from 4th February 1874. On leave, from 7th November 1874.
Lieut. Colonel G. C. Depree, s. c. (in charge) Mr. G. A. McGill " J. A. Vanderputt " A. James " J. H. Wilson " G. L. Fleming	23 24 31 92 126 178	Depy. Supdt., 1st grade Surveyor, 2nd grade. Ditto, 2nd grade. Asst. Surveyor, 1st grade. Ditto, 2nd grade. Probationary, 4th grade.	March 1856.	Reverted to substantive grade, 1st May 1875.

Disposition List of Officers of the Topographical Survey

Department of India on the 1st October 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, Rajgurb, Nursingurh, Tonk, &c., Native States in the Central India Agency.	5	...	138	1	6	...	55,328-0-9
6	Naga and Duffla Hills on the Eastern Frontier, Assam	1	1	39	1	9	...	72,500
7	Meywar, Marwar, Godwar, Shahpura, Mhairwara and Ajmere in the Rajpootana Agency, and at Simla.	4	2	126	1	...	...	78,310
8	Mysore, Nundidroog Division	...	...	...	...	...	...	.....
9	Mysore, Nagar Division	...	...	...	...	...	...	.....

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) ...	...	.....	...	On furlough, from 28th March 1875.
Lieut. St. G. C. Gore ... Mr. C. F. Hamer ... " E. A. Wainright ... " J. A. Barker ... " H. T. Kitchen ... " W. H. Lilley ... " J. Murray ... " A. Kitchen ... " T. Downes ... " G. R. Copping ...	145 77 103 105 124 127 167 168 176 179	Assistant Superintendent, 1st grade ... Ditto, 3rd grade. Asst. Surveyor, 1st grade. Ditto, 2nd grade. Ditto, 2nd grade. Ditto, 2nd grade. Ditto, 3rd grade. Ditto, 4th grade. Ditto, 4th grade. Proby. Ditto, 4th grade. Ditto, 4th grade.	Sept. 1874.	
Major H. H. Godwin-Austen, s. c., Captain W. F. Badgley, s. c., (Offg. in charge) ... Lieut. R. G. Woodthorpe, R. E. ... Mr. M. J. Ogle ... " A. Chennell ... " W. Robert ...	37 104 154 74 92 143	Depy. Supdt., 2nd grade ... Offg. Depy. Supdt., 3rd grade. Offg. Asst. Supdt., 3rd grade. Surveyor, 4th grade. Asst. Surveyor, 1st grade. Ditto, 3rd grade.	Oct. 15, 1863	Subsidiary leave from 23rd to 27th October 1874, inclusive.
Lieutenant E. P. Leach, R. E. ... Mr. E. S. P. Atkinson ... " R. Todd ... " C. Tapsell ... " F. E. Warde ... " P. White ... " W. M. Kelly ...	156 57 84 93 146 161 166	Asst. Supdt., 2nd grade. ... Surveyor, 4th grade. Asst. Surveyor, 1st grade. Ditto, 1st grade. Ditto, 3rd grade. Ditto, 4th grade. Ditto, 4th grade.	Oct. 1875	
Capt. Geo. Strahan, R. E. ... Mr. F. Kitchen ... " W. Stotesbury ... " W. W. McNair ...	63 96 95 122	Depy. Supdt., 2nd grade Asst. Surveyor, 1st grade. Ditto, 1st grade. Ditto, 2nd grade.	Oct. 1875	
Captain J. R. McCullagh, R. E. ... Mr. L. J. Pocock ... " J. W. Macdougall ... " E. J. Connor ...	56 31 39 40	Asst. Supdt., 2nd grade ... Surveyor, 4th grade ... Asst. Surveyor 1st grade ... Ditto, ditto. ...	Oct. 1875	Members of the G. T. Survey.

Disposition List of Officers of the Revenue

Survey Department on the 1st October 1875.

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.	Barkundazes.	
		No.	No.	No.	No.	No.	No.	No.	
	Calcutta Head Quarters	2	3	...	...	...	...	...	...
1st or Dera Ismail Khan District Survey, Punjab.	Dera Ismail Khan District	3	4	31	1	216	1	15	Profnl. 78,869 Leveling 4,986
2nd or Gurgaon Dist. Surv., Punjab	Gurgaon District	3	3	30	...	200	1	15	66,786
3rd or Bhawalpur State Survey, Punjab.	Bhawalpur State	1	3	30	...	200	1	15	65,408
4th or Moradabad District Survey, N. W. Provinces.	Moradabad District	2	6	31	...	168	1	15	Profnl. 60,539 Leveling 3,663
5th or Banda District Survey, N. W. Provinces.	Banda District	1	5	26	...	173	...	17	Profnl. 66,399 Leveling 3,089
6th or Agra District Survey, N. W. Provinces.	Agra and Ghazipur Districts	1	6	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 3,126
8th or Shahabad District Revenue Survey, Behar.	Shahabad District	3	1	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	59,164
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	67,399
14th or Ganges Dearab Survey, Bengal.	Ganges Dearabs in District Furreedpur.	1	5	30	...	200	1	15	66,975

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. 539, dated 10th December 1873. On furlough to Europe for 2 years, from 11th April 1874.
„ D. C. Vanrenen, R. 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.	
Col. H. C. Johnstone, c. b., s. c.	20	Depy. Supdt. of Reve. Survey, 1st grade	Oct. 15, 1873.	
Captain R. Beavan, s. c.	129	Offg. Asst. Supdt. of Reve. Survey, 2nd grade	Oct. 1, 1874.	
„ W. H. Wilkins, s. c.	71	Asst. Supdt. of Reve. Survey, 1st grade, offg. as Depy. Supdt., 3rd grade	Oct. 21, 1871.	
„ L. Wavell, s. c.	151	Asst. Supdt. of Reve. Survey, 3rd grade	Nov. 1, 1872.	
„ D. C. Andrew, s. c.	70	Asst. Supdt. of Reve. Survey, 1st grade, offg. as Depy. Supdt., 3rd grade	Oct. 26, 1872.	
„ S. H. Cowan, s. c.	116	Asst. Supdt. of Reve. Survey, offg. in 1st grade	Aug. 1, 1874.	
Lieutenant A. J. C. Scott, s. c.	160	.....	.....	On furlough.
Lieut. Col. A. D. Vanrenen, s. c.	28	.....	.....	On furlough.
Captain W. Barron, s. c.	62	Depy. Supdt. of Reve. Survey, 3rd grade	Nov. 12, 1873	Officiating in 2nd grade.
„ H. L. Smith, s. c.	107	Offg. Asst. Supdt. of Reve. Survey, 1st grade	July 20, 1873.	
Lieut. Col. F. C. Anderson, s. c.	19	Depy. Supdt. of Reve. Survey, 1st grade	Nov. 1, 1871.	
Captain E. H. Steel, s. c.	137	Offg. Asst. Supdt. of Reve. Survey, 2nd grade	Oct. 1, 1874.	
E. T. S. Johnson, Esq.	11	Depy. 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	Depy. 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.	38	Depy. Supdt. of Reve. Surv., 2nd grade, offg. in 1st grade	Nov. 1, 1872.	
Captain J. E. Sandeman, s. c.	97	Offg. Asst. Supdt. of Revenue Survey, 2nd grade	Oct. 1, 1874.	
H. E. Gastrell, Esq.	142	Asst. Supdt. of Reve. Survey, 1st grade	.....	Special leave for 8 months.
W. Lane, Esq.	1	Depy. Supdt. of Reve. Survey, 2nd grade	Nov. 16, 1872.	
G. H. Cooke, Esq.	115	Offg. Asst. Supdt. of Revenue Survey, 2nd grade	Dec. 1, 1873	Supernumerary.
Captain F. Coddington, s. c.	60	.....	.....	On furlough.
Captain E. W. Samuells, s. c.	86	Asst. Supdt. of Reve. Survey, 1st grade	.....	Officiating Deputy Superintendent of Revenue Survey, 3rd grade.
Lieut. G. W. Martin, s. c.	162	Asst. Supdt. of Reve. Survey, 3rd grade	Feb. 1, 1873.	
Major H. C. B. Tanner, s. c.	65	Depy. Supdt. of Reve. Survey, 3rd grade	Aug. 29, 1872.	
Captain H. S. Hutchinson, s. c.	121	Asst. Supdt. of Reve. Survey, 2nd grade,	Oct. 1, 1872.	
Major J. Sconce, s. c.	44	Depy. Supdt. of Reve. Survey 2nd grade	Dec. 6, 1873.	
Major D. Macdonald, s. c.	54	Depy. Supdt. of Reve. Survey, 3rd grade, offg. in 2nd grade	Feb. 19, 1874	
Captain W. J. Stewart, s. c.	53	Asst. Supdt. of Reve. Survey, 1st grade	Oct. 1, 1874.	One Surveyor, Mr. W. H. Patterson, is on detached duty, Darraug Lakhiraj Surveys.
J. H. W. Osborne, late 4th N. I.	61	.....	.....	On furlough; granted extension of 3 months, vide Revenue, Agricultural and Commerce Department No. 507, dated 28th August 1875.
J. Campbell, Esq.	2	Asst. Supdt. of Reve. Survey, 1st grade	Nov. 1, 1874	Officiating Deputy Superintendent of Revenue Surveys, 3rd grade.
E. J. Jackson, Esq.	94	Ditto ditto, 2nd grade	Dec. 1, 1872.	

Classified List of Officers of the Great Trigonometrical

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

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	Kamaun and Garhwál Survey
2	Major C. T. Haig, Royal Engineers	Ditto	Gujarat Survey
3	Captain J. Herschel, Royal Engineers	Ditto	Head-Quarters
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	Captain W. M. Campbell, Royal Engineers	Ditto	No. 2 Extra Party
3	Henry Trotter, Royal Engineers	Ditto	Head-Quarters
4	Mr. W. C. Rossenrode	Ditto	Eastern Frontier Series
5	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 Levelling Party
2	Mr. J. R. McCullagh, Royal Engineers	Ditto	...
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	Kamaun and Garhwál Survey
3	Lieutenant St. G. C. Gore, R. E.	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	Kathiawar Survey
4	Mr. A. D'Souza	Ditto	Gujarat Survey
<i>2nd Grade—Salary Rs. 400.</i>			
1	Mr. C. J. Neville	Surveyor, 2nd grade	Kamaun and Garhwál Survey
2	Mr. L. H. Clarke	Ditto	Head-Quarters
3	Mr. W. Todd	Ditto	Computing Office
4	Mr. J. Low	Ditto	Burma Party
<i>3rd Grade—Salary Rs. 350.</i>			
1	Mr. C. Wood	Surveyor, 3rd grade	Computing Office
2	Mr. H. E. T. Keelan	Ditto	No. 1 Extra Party
3	Mr. F. Bell	Ditto	Kathiawar Party
4	Mr. G. Atkinson	Ditto	Drawing Office

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. 65-5 as a personal allowance.
.....	On furlough. Ditto.
.....	1,433 10 0	Officiating Deputy Superintendent, 1st grade.
.....	1,333 10 0	Ditto ditto.
.....	1,283 10 0	.....
.....	1,300 0 0	.....
.....	On furlough.
.....	1,283 10 0	Officiating Deputy Superintendent, 2nd grade.
.....	1,283 10 0	Ditto ditto.
.....	1,000 0 0	.....
.....	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 Assistant Superintendent, 1st grade. Transferred to Mysore Topographical Survey.
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	600 0 0	670 0 0	Officiating Assistant Superintendent, 2nd grade.
.....	600 0 0	Ditto ditto.
70 0 0	600 0 0	670 0 0	Ditto 2nd grade. Transferred to the Topographical branch under the Surveyor Genl.
70 0 0	600 0 0	670 0 0	Ditto ditto.
.....	500 0 0	Personal Assistant to Superintendent.
.....	500 0 0	.....
.....	500 0 0	.....
.....	500 0 0	.....
.....	400 0 0	.....
.....	400 0 0	.....
.....	400 0 0	.....
.....	400 0 0	.....
.....	350 0 0	.....
.....	350 0 0	.....
.....	350 0 0	.....
.....	350 0 0	.....

Classified List of Officers of the Great Trigonometrical

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

No. of Officers in each grade.	NAMES.	Substantive Appointment.	Survey Party to which at present attached.	SALARIES, INCLUDING ALLOWANCES.						REMARKS.			
				Net Military Pay of Royal Engineer Officers.			Consolidated Salary.				TOTAL.		
				Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.
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				300	0	0				
4	" L. J. Pocock	Ditto	"				300	0	0				
5	" A. Christie	Ditto	Gujarat Survey				300	0	0	Transferred to Mysore Topographical Survey.			
6	" W. O'Sullivan	Ditto	Assam Survey				300	0	0				
7	" N. C. Gwynne	Ditto	Kathiawar Survey				300	0	0				
8	" W. C. Price	Ditto	Jodhpore Series				300	0	0				
9	" C. H. McA Fee	Ditto	Guzerat Survey				300	0	0				
ASSISTANT SURVEYORS.													
<i>1st Grade—Salary Rs. 250.</i>													
1	Mr. T. H. Rendell	Asst. Surveyor, 1st grade	Tidal and Levelling Party										
2	" J. W. Macdougall	Ditto	"				250	0	0				
3	" Hugh Todd	Ditto	Kamaun and Garhwál Survey				250	0	0	Transferred to Mysore Topographical Survey.			
4	" E. J. Connor	Ditto	"				250	0	0				
5	" J. Bond	Ditto	No. 2 Astronomical Party				250	0	0	Transferred to Mysore Topographical Survey.			
6	" C. D. Potter	Ditto	Madras Party				250	0	0				
7	" T. Kinney	Ditto	Kamaun and Garhwál Survey				250	0	0				
<i>2nd Grade—Salary Rs. 200.</i>													
1	Mr. E. P. Wrixon	Asst. Surveyor, 2nd grade	Assam Party										
2	" J. Hickie	Ditto	Guzerat Survey				200	0	0				
3	" W. Fielding	Ditto	Kathiawar Survey				200	0	0				
4	" G. D. Cusson	Ditto	Gujarat Survey				200	0	0				
5	" E. W. Lasseron	Ditto	Madras Party				200	0	0				
6	" E. F. Litchfield	Ditto	Kamaun and Garhwál Survey				200	0	0				
<i>3rd Grade—Salary Rs. 160.</i>													
1	Mr. C. P. Torrens	Asst. Surveyor, 3rd grade	Jodhpore Series										
2	" A. Bryson	Ditto	No. 1 Extra Party				160	0	0				
3	" W. Oldham	Ditto	Kathiawar Survey				160	0	0				
4	" J. C. Clancey	Ditto	Eastern Frontier Series				160	0	0				
5	" J. O. Hughes	Ditto	Ditto				160	0	0				
6	" I. Pocock	Ditto	Kathiawar Survey				160	0	0				
7	" G. T. Hall	Ditto	Kamaun and Garhwál Survey				160	0	0	Assam Party.			
<i>4th Grade—Salary Rs. 120.</i>													
1	" J. F. McCarthy	Asst. Surveyor, 4th grade	"										
2	" D. J. Collins	Ditto	Burma Party				120	0	0				
3	" H. Corkery	Ditto	Kathiawar Party				120	0	0				
4	" P. F. Prunty	Ditto	Jodhpore Series				120	0	0				
5	" J. Keating	Ditto	Computing Office				120	0	0				
6	" S. F. Norman	Ditto	Gujarat Survey				120	0	0				
7	" C. Norman	Ditto	Gujarat Survey				120	0	0				
8	" R. F. Warwick	Ditto	Kamaun and Garhwál Survey				120	0	0				
9	" J. M. Kennedy	Ditto	Computing Office				120	0	0				

General List of Officers of the Great Trigonometrical

1	2	3	4	5	6	7
Genl. Seniority Number.	NAMES.	Passed in Vernacular.	Age.	Rank.	Grade.	Salary.
			Y. M. D.			Rs. A. P.
56	Mr. E. W. Lasseron ...	Not passed ...	31 5 7	Assistant Surveyor ...	2nd grade ...	200 0 0
57	" A. Bryson ...	Ditto ...	26 1 1	Ditto ...	3rd grade ...	180 0 0
58	" W. Oldham ...	Ditto ...	22 9 15	Ditto ...	Ditto ...	160 0 0
59	Lieut. H. J. Hurman, R. E. ...	Ditto ...	25 4 17	Assistant Superintendent ...	Ditto ...	820 0 0
60	Mr. J. C. Clancey ...	...	21 0 13	Assistant Surveyor ...	Ditto ...	160 0 0
61	" J. O. Hughes ...	...	20 1 8	Ditto ...	Ditto ...	160 0 0
62	" Irvin Pocock ...	...	26 4 9	Ditto ...	Ditto ...	160 0 0
63	" G. T. Hall ...	Lower Standard ...	23 5 24	Ditto ...	Ditto ...	160 0 0
64	Lieut. St. G. C. Gore, R. E. ...	...	26 7 8	Assistant Superintendent ...	3rd grade ...	670 0 0
65	" J. E. Gibbs, R. E. ...	...	...	Ditto ...	Ditto ...	670 0 0
66	Mr. J. F. McCarthy ...	...	22 5 2	Assistant Surveyor ...	4th grade ...	120 0 0
67	" D. J. Collins ...	...	21 4 27	Ditto ...	Ditto ...	120 0 0
68	" H. Corkery ...	Lower Standard ...	24 1 10	Ditto ...	Ditto ...	120 0 0
69	" P. F. Prunty ...	...	20 9 6	Ditto ...	Ditto ...	120 0 0
70	" J. Keating ...	...	21 4 27	Ditto ...	Ditto ...	120 0 0
71	" S. F. Norman ...	...	21 1 23	Ditto ...	Ditto ...	120 0 0
72	" C. Norman ...	...	19 4 12	Ditto ...	Ditto ...	120 0 0
73	" R. F. Warwick ...	...	20 6 2	Ditto ...	Ditto ...	120 0 0
74	" J. M. Kennedy ...	...	18 10 28	Ditto ...	Ditto ...	120 0 0

NOTE.—In this list the officers have been arranged according to their length of service in the Department, the officer who has the longest service counting for pension (column 10)

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

Survey Department on the 1st October 1875—concluded.

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.		
May 1, 1869	Oct. 1, 1874	6 5 0	Madras Party.	
Sept. 20, 1869	Oct. 1, 1873	4 1 1	Madras Party.	
Oct. 15, 1871	June 1, 1874	0 9 15	Kathiawar Party.	
June 3, 1872	Apl. 1, 1874	...	Offg. Asst. Supdt., 2nd grade ...	In charge, Assam Survey.
Sept. 30, 1872	Oct. 1, 1874	...	Eastern Frontier Series.	
Oct. 14, 1872	Apl. 1, 1875	...	Ditto.	
Oct. 28, 1872	Ditto ...	2 11 4	Kamaun and Garhwál Survey. Previous service in the Stud Department from 1st March 1869 to 23d Oct. 1872.	
Nov. 22, 1872	Aug. 1, 1875	1 5 24	Kathiawar Survey.	
Apl. 11, 1873	Apl. 1, 1874	...	Transferred to the Topographical branch under the Surveyor General ...	Officiating Assistant Superintendent, 2nd grade.
Aug. 15, 1873	Ditto ...	...	Gujarat Survey	Ditto ditto.
Aug. 1, 1873	Aug. 1, 1873	0 5 2	Assam Party.	
Oct. 6, 1873	Oct. 6, 1873	...	Burma Party.	
Nov. 20, 1873	Nov. 20, 1873	1 10 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.	
July 2, 1875	July 2, 1875	...	Kamaun and Garhwál Survey.	
Aug. 19, 1875	Aug. 19, 1875	...	Computing Office.	

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 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 October 1875.

Number of Party.	WHERE EMPLOYED.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Annual cost of Party, from 1st Apl. 1874 to 31st Mar. 1875.
		Sub-Surveyors.	Writers.	Chainmen and Flagmen.	Native Doctors.	Barkandazes.	Jemadars.	
	<i>Madras Party.</i> Tinnevely and Tuticorin, recess quarters at Bangalore	No.	No.	No.	No.	No.	No.	Rs. 40,900
	<i>Eastern Frontier Series.</i> British Burma, recess quarters at Moulmein	...	...	86	2	12	11	56,510
	<i>Burma Party.</i> British Burma, recess quarters at Moulmein	...	2	36	1	7	...	*18,350
	<i>Kamaun and Garhwál Party.</i> A portion of this party was employed in the Snowy Ranges of Kamaun and Garhwál, and remainder in Dehra Dún	20	...	154	1	17	...	1,11,000
	<i>Assam Valley Triangulation.</i> Assam, recess quarters at Shillong	...	...	54	1	12	...	52,000
	<i>Jodhpore Series.</i> In the Jodhpore, Jesulmeer, and Bikaner States, recess quarters at Mount Aboo	...	...	50	1	14	...	30,000
	<i>Kathiawar Party.</i> The Province of Kathiawar, Bombay Presidency, recess quarters at Poona	15	1	128	1	26	...	71,000

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 " A. Bryson	18 27 45 56 57	Deputy Superintendent, 2nd Grade Surveyor, 4th Grade Assistant Surveyor, 2nd Grade Ditto, 3rd do. Ditto, 3rd do.	July 28, 1868.	
W. C. Rossenrode, Esq. Mr. H. Beverley " J. C. Clancy " J. O. Hughes	1 9 60 61	Deputy Superintendent, 3rd Grade Surveyor, 1st Grade Asst. ditto, 3rd do. Ditto, 3rd do.	Oct. 1, 1873.	
W. G. Beverley, Esq. Mr. J. Low " J. W. Mitchell " D. J. Collins	7 14 24 67	Offg. Asst. Supdt., 1st Grade Surveyor, 2nd Grade Ditto 4th do. Assistant Surveyor, 4th Grade	Oct. 1, 1874.	* For half year from October 1874 to March 1875.
Captain H. R. Thuillier, R. E. Mr. E. C. Ryall " C. J. Neuville " H. Todd " T. Kinney " E. F. Litchfield " J. Pocock " R. F. Warwick	19 8 11 40 51 52 62 73	Offg. Depy. Supdt., 1st Grade Offg. Asst. Supdt., 2nd do. Surveyor, 2nd do. Assistant Surveyor, 1st do. Ditto, 1st do. Ditto, 2nd do. Ditto, 3rd do. Ditto, 4th do.	Oct. 1, 1873.	
Lieut. H. J. Harman, R. E. Mr. W. O'Sullivan " E. P. Wrixon " J. F. McCarthy	59 33 41 66	Offg. Asst. Supdt., 2nd Grade Assistant Surveyor, 1st do. Ditto, 2nd do. Ditto, 4th do.	Oct. 6, 1874.	
Captain M. W. Rogers Mr. W. C. Price " C. P. Torrens " P. F. Prunty	43 35 54 69	Offg. Depy. Supdt., 3rd Grade Surveyor, 4th do. Asst. Ditto, 3rd do. Ditto, 4th do.	Nov. 20, 1874.	
Captain A. Pollan, S. C. Mr. J. McGill " J. Peyton " F. Bell " N. C. Gwynne " W. A. Fielding " W. Oldham " G. T. Hall " H. Corkery	28 4 23 17 34 49 58 68 63	Offg. Depy. Supdt., 3rd Grade Offg. Asst. Supdt., 1st do. Surveyor, 1st grade Surveyor, 3rd do. Surveyor, 4th do. Asst. Ditto, 2nd do. Ditto, 3rd do. Ditto, 3rd 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 Apl. 1874 to 31st Mar. 1875.
		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	87,249
	<i>No. 1 Extra Party.</i>							
	Carrying on Levelling operations in Bellary, Darwar and Carwar, recess quarters at Bangalore ... ..	...	...	24	1	12	...	20,564
	<i>Bombay Tidal and Levelling Party.</i>							
	Gulf of Cutch and Kathiawar	9	2	36	1	12	...	36,628

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

Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
Major C. T. Haig, R. E. ...	21	Deputy Superintendent, 2nd Grade ...	Sep. 23, 1871.	
Lieutenant J. E. Gibbs, R. E. ...	65	Offg. Asst. Supdt., 2nd Grade ...		
Mr. A. D'Souza ...	13	Surveyor, 1st Grade ...		
" A. Christie ...	31	Ditto, 4th do. ...		
" C. H. McAfee ...	36	Ditto, 4th do. ...		
" J. Hickie ...	48	Asst. Surveyor 2nd Grade ...		
" G. D. Cusson ...	50	Ditto, 2nd do. ...		
" S. F. Norman ...	71	Ditto, 4th do. ...		
" C. Norman ...	72	Ditto, 4th do. ...		
Captain W. M. Campbell, R. E. ...	29	Offg. in Charge ...	Aug. 1, 1875.	
Mr. H. E. T. Keolan ...	16	Surveyor, 3rd Grade ...		
Captain A. Baird, R. E. ...	53	Offg. Asst. Supdt., 1st Grade ...	On the formation of the Party, 1st September 1872.	
Mr. T. H. Rendell ...	37	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
<i>1st Grade.</i>			
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 ...	Assistant Superintendent	Assistant Superintendent, 1st grade
3	" F. W. Major ...	Ditto	Ditto
4	" G. Mackenzie ...	Ditto	Ditto
<i>2nd Grade.</i>			
1	Mr. E. H. Butcher ...	Assistant 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	Captain J. B. Lawrence ...	Ditto	Ditto
6	Lieutenant A. H. Macintire ...	Ditto	Ditto
7	Captain D. Cowie ...	Ditto	Ditto
8	Lieutenant R. L. Price ...	Ditto	Ditto
<i>3rd Grade.</i>			
1	Mr. W. E. A. James ...	Assistant Superintendent	Assistant Superintendent, 3rd grade
2	" F. B. Clerk ...	Ditto	Ditto
<i>4th Grade.</i>			
1	Lieutenant A. McCally ...	Assistant Superintendent	Assistant Superintendent, 4th grade
2	Mr. G. K. Betham ...	Ditto	Ditto

Survey as it stood on the 1st October 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	
		Rs. A. P.	Rs. A. P.	
		1,247 3 6		
		1,299 1 6		
		995 0 0		On furlough to Europe for 2 years, from 16th April 1875.
		795 0 0		
		795 0 0		
		795 0 0		
			695 0 0	
			695 0 0	
			695 0 0	
		695 0 0		
		695 0 0		
		695 0 0		Returned from furlough to Europe on the 8th September 1875.
			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 October.	Rank.	Grade.	Salary.
			Y. M. D.			Rs. A. P.
1	The Hon'ble Col. W. C. Anderson ...	All have passed in the Vernacular.	53 2 5	Survey and Settlement Commissioner	...	1,100 0 0
2	Captain J. P. Grant ...		37 6 0	Superintendent	...	1,074 0 0
3	Major J. W. M. Anderson ...		37 11 20	Deputy Superintendent	1st grade Asst.	800 0 0
4	Captain J. Rutherford ...		33 8 22	Assistant Superintendent	...	800 0 0
5	" F. W. Major ...		35 2 3	Ditto	Ditto	800 0 0
6	Mr. E. H. Butcher ...		39 3 2	Ditto	2nd grade Asst.	600 0 0
7	Captain M. F. Coussmaker ...		32 4 20	Ditto	Ditto	600 0 0
8	Mr. J. P. Barker ...		28 0 16	Ditto	Ditto	600 0 0
9	" G. F. Meiklejohn ...		26 9 8	Ditto	Ditto	425 0 0
10	" W. E. A. James ...		33 3 25	Ditto	3rd grade Asst.	425 0 0
11	" F. B. Clerk ...		31 1 13	Ditto	Ditto	425 0 0
12	Captain J. B. Lawrence ...		33 11 3	Ditto	2nd grade Asst.	600 0 0
13	Lieut. A. H. Macintire ...		27 7 11	Ditto	Ditto	600 0 0
14	Captain D. Cowie ...		34 9 15	Ditto	Ditto	600 0 0
15	Lieut. A. McCally ...		31 10 24	Ditto	4th grade Asst.	325 0 0
16	" R. L. Price ...		32 9 20	Ditto	2nd grade Asst.	600 0 0
17	Captain G. Mackenzie ...		34 2 28	Ditto	1st grade Asst.	600 0 0
18	Mr. G. K. Betham ...		25 0 0	Ditto	4th grade Asst.	325 0 0

Survey Department on the 1st October 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 and Settlement Commissioner.	
Nov. 1, 1863	Jan. 15, 1868	...	Superintendent.	
Nov. 27, 1863	Nov. 27, 1873	...	Deputy Superintendent.	
Feb. 1, 1865	July 1, 1873	...	Assistant Superintendent	On furlough to Europe for 2 years, from 16th April 1875.
April 23, 1865	Jan. 5, 1875	...	Ditto.	
Oct. 2, 1865	Mar. 26, 1871	9 11 29	Ditto.	
Dec. 24, 1865	Jan. 26, 1870	...	Ditto.	
Dec. 22, 1866	Dec. 1, 1873	6 0 2	Ditto.	
Nov. 30, 1867	June 1, 1874	4 8 23	Ditto.	
Dec. 1, 1867	Oct. 2, 1873	6 4 9	Ditto.	
Jan. 16, 1868	Nov. 26, 1872	7 8 15	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.	Returned from furlough to Europe on the 8th Sept. 1875.
Nov. 1, 1873	July 2, 1870	2 11 17	Ditto.	

* Applies only to officers who are

the Uncovenanted Civil Service Rules.

Disposition List of Officers of the Mysore Revenue

Survey Department on the 1st October 1875.

Number of Party.	Where employed.	STRENGTH OF SUBORDINATE ESTABLISHMENT IN ALL GRADES.						Annual cost of Party (from 1st Oct 1874 to 30th Sep. 1875).
		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	17,367
2	Ditto ... ..	...	2	56	...	22	10	32,618
3	Ditto ... ..	...	2	6	...	...	4	23,534
<i>Measuring Establishments.</i>								
4	Kadur and Tunkur Districts	25	...	3	7	...	2	16,900
5	Hassan District	21	...	2	7	...	2	15,510
6	Bangalore and Kolar Districts	24	...	2	4	...	2	13,233
7	Hassan and Tunkur, Districts	20	...	2	4	...	2	16,223
8	Tunkur and Kadur Districts	25	...	2	7	...	2	16,836
9	Kadur, Hassan, and Shimoga Districts	25	...	2	5	...	2	16,087
10	Tunkur and Kadur Districts	23	...	3	6	...	2	12,784
11	Bangalore and Hassan Districts	23	...	3	6	...	2	17,768
12	Kadur and Shimoga Districts	25	...	2	6	...	2	16,395
13	Bangalore and Hassan Districts	23	...	2	7	...	2	14,440
14	Tunkur, Chitaldroog, Shimoga, Kadur, and Mysore Dists.	11	...	2	1	...	2	11,822
<i>Classing Establishments.</i>								
15	Shimoga and Bangalore Districts	12	...	1	3	...	2	13,614
16	Tunkur and Shimoga Districts	15	...	1	3	...	2	13,717
17	Hassan District	14	...	1	1	...	2	15,963
18	Tunkur, Shimoga, Mysore, and Chitaldroog Districts	1	...	...	...	...	...	...
TOTAL		287	6	92	67	22	46	2,85,000

Officer in charge.	Number in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
10	11	12	13	14
The Hon'ble 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	14	Assistant, 2nd grade	Dec. 2, 1871	
Mr. J. B. Lawrence	12	Ditto, 2nd grade	Oct. 29, 1870	
Mr. F. B. Clerk	11	Ditto, 3rd grade	Nov. 26, 1869	
Captain F. W. Major	5	Ditto, 1st grade	Sep. 9, 1874	
Mr. G. K. Betham	18	Ditto, 4th grade	April 15, 1875	
Mr. G. F. Meiklejohn	9	Ditto, 2nd grade	June 1, 1865	
Lieut. A. H. Macintire	13	Ditto, 2nd grade	Dec. 8, 1870	
Mr. A. McCally	15	Ditto, 4th grade	Nov. 8, 1874	
Captain G. Mackenzie	17	Ditto, 1st grade	Nov. 5, 1873	
Mr. J. P. Barker	8	Ditto, 2nd grade	Dec. 1, 1867	
Mr. W. E. A. James	10	Ditto, 3rd grade	April 19, 1873	
Captain M. F. Coussmaker	7	Ditto, 2nd grade	Nov. 5, 1873	
Captain M. F. Coussmaker	7	Assistant, 2nd grade	May 11, 1875	
Mr. E. H. Butcher	6	Ditto, 2nd grade	Jan. 26, 1867	
Captain J. Rutherford	4	Ditto, 1st grade	Mar. 31, 1873	
Mr. F. W. Major	5	Ditto, 1st grade	April 15, 1875	
Mr. M. F. Coussmaker	...	Ditto, 2nd grade	Nov. 5, 1873	

Captain Major handed over charge of the F. Measuring Establishment to Mr. Betham and relieved Captain Rutherford, who proceeded to Europe on furlough.

On furlough to Europe for two years, from 15th April 1875.

Cost is included in the Measuring Establishment under the same Officer.

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 the Vernacular.	Age On 15th October.	Rank.	Grade.	Salary.
1	Mr. R. R. Beynon	Passed	Y. M. D. 35 11 3	Officiating Superintendent	.....	Rs. A. P. 1,175 0 0
2	Captain C. C. Pemberton	Ditto	35 9 6	Assistant Superintendent	1st grade	795 0 0

*Applies only to officers who are under the head of "First appointment," (column 9,) are those
N. B.—The dates given under the head of "First appointment," (column 9,) are those

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 Oct. 1874 to 31st Sept. 1875.
		Sub-Surveyors.	English Clerks.	Karkoons.	Mappers.	Peons.	TOTAL.			
1	East and West Berar	1	2	25	21	13	62	Omitted in accordance with instructions contained in letter No. 337, dated the 14th July 1874, from the Government of India in the Department of Revenue, Agriculture and Commerce.	Rs. 38,000	
2	Wun Taluka	20	...	3	...	3	26		18,000	
TOTAL		21	2	28	21	16	88	56,000		

Revenue Survey Department on the 1st October 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.	On three months' privilege leave from 6th August 1875.
.....	.....	.....	1,175 0 0	
.....	.....	795 0 0	.....

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

Survey Department on the 1st October 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.
Oct. 30, 1872	Oct. 12, 1859	Omitted in accordance with instructions contained in letter No. 337, dated the 14th July 1874, from the Govt. of India in the Dept. of Reve., Agriculture and Commerce.	Y. M. D. 12 6 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	On three months' privilege leave from 6th August 1875.

Uncovenanted Civil Service Rules.
appointment to Probationary Assistant in the Survey Department.

Survey Department on the 1st October 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	On three months' privilege leave from 6th August 1875.

Classified List of the Officers of the Geological

Survey of India on the 1st October 1875.

No. of Officers in each grade.	NAMES.	Substantive Appointment.	Duty on which at present engaged.
1	Thomas Oldham, L.L.D., F.R.S., F.G.S., &c., 1st Grade, Rs. 700, rising to Rs. 1,000.	Superintendent, Geological Survey...	Head-Quarters
1	H. B. Medicott, A.M., F.G.S.,	Deputy Superintendent for Bengal	Sub-Himalaya
2	W. T. Blanford, A.R.S.M., F.R.S.,	Ditto for Bombay	Sindh
3	William Theobald	Assistant, Geological Survey	Sub-Himalaya
4	William King, Jr. A.B., F.G.S.,	Deputy Superintendent for Madras.	Godavari District
	2nd Grade, Rs. 500, rising to Rs. 700.		
1	R. B. Foote, F.G.S.,	Assistant, Geological Survey	Nellore and Kristna District
2	A. B. Wynne, F.G.S.,	Ditto	On furlough
3	F. R. Mallet, F.G.S.,	Ditto	Naga Hills, Assam
4	T. W. H. Hughes, A.R.S.M., F.G.S.,	Ditto	Godavari Valley
5	W. L. Willson	Ditto	Bundelkund
	3rd Grade, Rs. 300, rising to Rs. 500.		
1	F. Fedden	Assistant, Geological Survey	Sindh
2	C. A. Hackett	Ditto	On furlough
3	V. Ball, A.M., F.G.S.,	Ditto	Talchir Coal Field
4	A. Tween, A.R.S.M.,	Curator and Registrar	Office and Museum
5	R. Lydekker, A.B.,	Assistant, Geological Survey	Sub-Himalaya
6	O. Feistmantel, M.D.,	Ditto	Rajmahal Hills
	Ungraded Officers.		
	Mark Fryar	Mining Geologist	British Burma
	T. H. Turner	Assistant Curator	Head-Quarters
	J. Schaumburg	Artist	Ditto
	Ram Singh, (a)	Apprentice	Ditto
	Ram Singh, (b)	Ditto	Ditto
	Kissen Singh	Ditto	Ditto
	Hera Lall	Ditto	Ditto

SALARIES INCLUDING ALLOWANCES.				REMARKS.
Pay.	Travelling & Horse Allowance.	Additional Pay as Deputy Superintendent.	Total Pay and Allowances.	
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
1,950 0 0	360 0 0	.....	2,310 0 0	
1,000 0 0	130 0 0	100 0 0	1,230 0 0	
1,000 0 0	130 0 0	100 0 0	1,230 0 0	
1,000 0 0	130 0 0	100 0 0	1,230 0 0	
700 0 0	130 0 0	.....	830 0 0	On furlough for one year, one month, and 14 days.
700 0 0	130 0 0	.....	830 0 0	
700 0 0	130 0 0	.....	830 0 0	
700 0 0	130 0 0	.....	830 0 0	
700 0 0	130 0 0	.....	830 0 0	
500 0 0	130 0 0	.....	630 0 0	Officiating 2nd grade, vice Mr. A. B. Wynne.
500 0 0	130 0 0	.....	630 0 0	Three months' extension on Medical Certificate granted by Her Majesty's Secretary of State.
500 0 0	130 0 0	.....	630 0 0	
500 0 0	150 0 0	.....	650 0 0	
350 0 0	130 0 0	.....	480 0 0	
300 0 0	130 0 0	.....	430 0 0	
850 0 0	280 0 0	.....	1,130 0 0	
250 0 0	.....	.....	250 0 0	
275 0 0	.....	.....	275 0 0	
50 0 0	.....	.....	50 0 0	
30 0 0	.....	.....	30 0 0	
50 0 0	.....	.....	50 0 0	
30 0 0	.....	.....	30 0 0	

General List of the Officers of the Geological

Survey of India on the 1st October 1875.

Genl. Seniority Number.	NAMES.	Passed in Vernacular.	Age.	Rank.	Grade.	Salary.
			Y. M. D.			Rs.
1	Thomas Oldham, L.L.D., F.R.S., F.G.S., &c.	...	57 3 13	Supdt., Geol. Survey, India	...	1,950
2	William Theobald	...	46 5 14	Asst., Geol. Survey, India	1st grade	1,000
3	H. B. Medicott, A.M., F.G.S.	...	46 1 29	Deputy Supdt., Bengal	Ditto	1,000+100
4	W. T. Blanford, F.R.S., A.R.S.M.	...	42 11 25	Ditto for Bombay	Ditto	1,000+100
5	William King, Jr. A.B., F.G.S.	...	42 2 16	Ditto for Madras	Ditto	1,000+100
6	W. L. Willson	...	52 4 1	Asst., Geol. Survey, India	2nd grade	700
7	R. B. Foote, F.G.S.	...	41 0 9	Ditto	Ditto	700
8	F. R. Mallet, F.G.S.	...	34 7 19	Ditto	Ditto	700
9	A. Tween, A.R.S.M.	...	53 10 26	Curator & Registrar	3rd grade	600
10	F. Fedden	Oct. 26, 1869	36 6 10	Asst., Geol. Survey	Ditto	600
11	C. A. Hackett	Oct. 5, 1868	42 2 20	Ditto	Ditto	700
12	T. W. H. Hughes, A.R.S.M., F.G.S.	Aug. 3, 1868	32 1 30	Ditto	2nd grade	700
13	A. B. Wynne, F.G.S.	Nov. 9, 1868	39 11 17	Ditto	Ditto	700
14	V. Ball, A.M., F.G.S.	Oct. 1, 1867	32 2 18	Ditto	3rd grade	600
15	R. Lydekker, A.B.	April 5, 1875	26 2 7	Ditto	Ditto	800
16	O. Feistmantel, M.D.	...	26 10 10	Ditto	Ditto	800
	Ungraded Officers.					
17	Mark Fryar	...	43 3 10	Mining Geologist	No grade	800
18	T. H. Turner	...	35 3 6	Asst. Curator	Ditto	975
19	J. Schaumburg	...	36 2 30	Artist	Ditto	60
20	Ram Singh, (a)	...	*	Apprentice	Ditto	60
21	Ram Singh, (b)	...	*	Ditto	Ditto	60
22	Kissen Singh	...	*	Ditto	Ditto	60
23	Hera Lall	...	*	Ditto	Ditto	60

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	23 1 27	Head Quarters.	
Nov. — 1848	Mar. 31, 1869	22 11 7	Sub-Himalaya.	
Mar. 24, 1854	May 1, 1866	20 6 19	Ditto.	
Oct. 1, 1855	Ditto	17 6 9	Sindh.	
Mar. 4, 1857	Ditto	17 3 28	Godavari District.	
Ditto	Ditto	17 3 28	Bundelkund.	
Sept. 28, 1858	Ditto	15 7 8	Nellore and Kristna District.	
Feb. 12, 1859	May 1, 1872	11 7 19	Naga Hills, Assam.	
May 12, 1859	May 1, 1866	14 5 29	At Office and Museum.	
Oct. 1, 1860	Ditto	12 4 12	Sindh.	
Nov. 11, 1861	Ditto	12 8 20	On furlough.	
Nov. 11, 1862	Ditto	8 9 22	Godavari Valley.	
Nov. 13, 1862	Mar. 31, 1869	10 9 20	On furlough.	
Oct. 29, 1864	May 1, 1866	10 2 18	Talchir Coal Field.	
Nov. 26, 1874	Nov. 26, 1874	0 10 5	Sub-Himalaya.	
Mar. 25, 1875	Mar. 25, 1875	0 6 6	Rajmahal Hills.	
May 1, 1868	May 1, 1868	7 5 0	British Burma.	
April 1, 1869	April 1, 1869	6 6 0	Museum and Office.	
April 12, 1869	April 12, 1869	6 5 19	Ditto.	
Mar. 21, 1873	Mar. 21, 1873	.....	Ditto.	
Jan. 7, 1874	Jan. 7, 1874	.....	Ditto.	
Ditto	Ditto	.....	Ditto.	
Ditto	Ditto	.....	Ditto.	

Disposition List of Officers of the Geological

Survey of India on the 1st October 1875.

NAMES OF OFFICERS.	Where employed.	No. in General List.	Rank and Grade.	Date of assuming charge.	STRENGTH OF SUBORDINATE ESTABLISHMENT OF ALL GRADES.					
					1st Grade.	2nd Grade.	3rd Grade.	Non-graded Officers.	Clerks & Draftsmen.	Office Establishments.
					No.	No.	No.	No.	No.	No.
Thomas Oldham, L.L.D., F.R.S. F. G. S., & C. 1st grade.	Head-Quarters	1	Supdt., Geological Survey.	Mar. 5, 1851	4	5	6	7	11	30
H. B. Medicott, A. M., F. G. S.	Sub-Himalaya	3	Dy. Supdt., Bengal	Mar. 24, 1854						
W. T. Blanford, A. B. S. M., F. R. S.	Sindh	4	Ditto Bombay	Oct. 1, 1855						
William Theobald	Sub-Himalaya	2	Asst., Geological Survey.	Nov. 1848						
William King, Jr., A.B., F.G.S.	Godavari District	5	Dy. Supdt., Madras	Mar. 4, 1857						
R. B. Foote, F. G. S.	Nellore District	7	Asst., Geological Survey.	Sept. 28, 1858						
A. B. Wynne, F. G. S.	On furlough	13	Ditto	Nov. 13, 1862						
F. R. Mallet, F. G. S.	Naga Hills, Assam	8	Ditto	Feb. 12, 1859						
T. W. H. Hughes, A. B. S. M., F. G. S.	Godavari Valley	12	Ditto	Nov. 11, 1862						
W. L. Willson	Bundelkund	6	Ditto	Mar. 4, 1857						
F. Fedden	Sindh	10	Ditto	Oct. 1, 1860						
C. A. Hacket	On furlough	11	Ditto	Nov. 11, 1861						
V. Ball, A. M., F. G. S.	Talchir Coal-field	14	Ditto	Oct. 29, 1864						
A. Tween, A. R. S. M.	Office and Museum	9	Curator & Registrar	May 12, 1859						
R. Lydekker, A. B.	Sub-Himalaya	15	Asst., Geological Survey.	Nov. 26, 1874						
O. Feistmantel, M. D.	Rajmahal Hills	16	Ditto	Mar. 25, 1875						
Mark Fryar	British Burma		Mining Geologist	May 1, 1868						
T. H. Turner	Office and Museum		Asst. Curator	April 1, 1869						
J. Schaumburg	Ditto		Artist	April 12, 1869						
Ram Singh, (a)	Ditto		Apprentice	Mar. 21, 1873						
Ram Singh, (b)	Ditto		Ditto	Jan. 7, 1874						
Kissen Singh	Ditto		Ditto	Ditto						
Hera Lall	Ditto		Ditto	Ditto						

Where employed during last three years.	Annual cost (salary, contingencies, travelling allowances of officers and their subordinates, if any).*	REMARKS.
	Rs. A. P.	
1872-73. At Head-Quarters	Salary ... 4,780 10 3	At present on inspection duty at Madras.
1873-74. On sick leave	...	
1874-75. Sick leave and Office	Allowances ... 905 12 10	
1872-73. Narbada Valley	Salary and allowances ... 18,426 12 2	5,686 7 1
1873-74. Head-Quarters & Garo Hills	Extra travelling, etc. ... 494 10 6	
1874-75. Ditto & Narbada	...	
1872-73. On sick leave	Salary and allowances ... 3,772 4 0	18,921 6 8
1873-74. Ditto	Extra travelling, etc. ... 400 10 0	
1874-75. Sick leave and Sindh	...	
1872-73. British Burma	Salary and allowances ... 14,708 6 2	4,172 14 0
1873-74. Sivalik Hills	Extra travelling, etc. ... 537 0 0	
1874-75. Ditto	...	
1872-73. Godavari District	Salary and allowances ... 17,461 9 0	15,245 6 2
1873-74. Ditto	Extra travelling, etc. ... 1,209 9 0	
1874-75. Ditto	Native Doctor's pay, etc. ... 428 9 7	
1872-73. Upper Kristna Valley	Salary and allowances ... 13,990 5 1	19,099 11 7
1873-74. Nellore and Kristna District.	Extra travelling, etc. ... 867 9 6	
1874-75. Nellore District	...	
1872-73. Punjab and Kohat	Salary and allowances ... 11,812 9 3	12,596 1 3
1873-74. Rawul Pindi	Extra travelling, etc. ... 560 0 0	
1874-75. Ditto and furlough	Native Doctor's pay, etc. ... 223 8 0	
1872-73. Hazaribagh	Salary and allowances ... 10,200 0 0	11,609 12 6
1873-74. Sikkim	Extra travelling, etc. ... 960 8 8	
1874-75. Assam	Native Doctor's pay, etc. ... 449 3 10	
1872-73. Wardha Coal-field	Salary and allowances ... 8,814 13 5	11,153 11 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	
1872-73. Banda and Rewah	Salary and allowances ... 10,653 12 0	11,269 12 0
1873-74. Bundelkund	Extra travelling, etc. ... 616 0 0	
1874-75. Ditto	...	
1872-73. On sick leave	Salary and allowances ... 10,612 14 5	11,777 12 5
1873-74. Sick leave & Nizam's Territories	Extra travelling, etc. ... 1,644 14 0	
1874-75. Sindh	...	
1872-73. Narbada Valley	Salary and allowances ... 6,064 3 1	6,414 12 1
1873-74. Rajpootana	Extra travelling, etc. ... 350 9 0	
1874-75. Furlough	...	
1872-73. Chota Nagpur	Salary and allowances ... 7,785 0 0	9,387 6 10
1873-74. Satpura	Extra travelling, etc. ... 1,168 13 0	
1874-75. Sambalpur	Native Doctor's pay, etc. ... 433 9 10	
1872-73. At Museum and Office	Salary ... 5,983 5 4	7,778 5 4
1873-74. Ditto	Allowances ... 1,795 0 0	
1874-75. Ditto	...	
1874-75. Office	Salary and allowances ...	1,391 10 8
1875. Office	Extra travelling, etc. ...	
1875. Office	Salary and allowances ... 99 5 7	
1872-73. British Burma	Salary and allowances ... 9,800 0 0	13,160 0 0
1873-74. Ditto	Allowances ... 3,360 0 0	
1874-75. Ditto	...	
1872-73. At Office and Museum	Salary ...	3,000 0 0
1873-74. Ditto	...	
1874-75. Ditto	...	
1872-73. At Office and Museum	Salary ...	3,000 0 0
1873-74. Ditto	...	
1874-75. Ditto	...	
1873-74. At Office	Salary ... 560 0 0	707 14 5
1874-75. Ditto and Sambalpur	Travelling allowances ... 147 14 5	
1873-74. At Office	Salary ...	
1874-75. Ditto	...	360 0 0
1873-74. Ditto	Salary ...	
1874-75. Ditto	...	
1873-74. Ditto	Salary ...	360 0 0
1874-75. Ditto	...	
1873-74. Ditto	Salary ...	
1874-75. Ditto	Salary ...	360 0 0
1873-74. Ditto	...	
1874-75. Ditto	...	

extent a variable item depending on cost of travelling, this depending on district engaged in, &c. &c.

* The "Annual Cost" as given above, is the cost for twelve months, from 1st April 1874 to 31st March 1875. It is to some extent a variable item depending on cost of travelling, this depending on district engaged in, &c. &c.

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UNDER THE

DEPARTMENT OF REVENUE, AGRICULTURE & COMMERCE.

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